

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120959.D
 Acq On : 21 Jul 2020 17:48
 Operator : JU/CG
 Sample : L3351-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:09:45 PM

Quant Time: Jul 21 18:21:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188325	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	745822	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	400258	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	756634	20.00	ng	0.00
76) Chrysene-d12	13.98	240	555422	20.00	ng	0.00
86) Perylene-d12	15.42	264	518276	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1083214	94.29	ng	0.02
7) Phenol-d6	6.45	99	1357325	91.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	857789	66.55	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	407071	92.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1594378	59.47	ng	0.00
79) Terphenyl-d14	12.92	244	1626042	63.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	222740	42.130	ng	99
3) Pyridine	3.36	79	521145	37.054	ng	100
4) n-Nitrosodimethylamine	3.32	42	261707	43.516	ng	95
6) Aniline	6.47	93	461690	23.835	ng	97
8) 2-Chlorophenol	6.60	128	568883	44.952	ng	98
9) Benzaldehyde	6.36	77	430403	76.384	ng	98
10) Phenol	6.46	94	678095	41.541	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	537885	42.996	ng	100
12) 1,3-Dichlorobenzene	6.76	146	567650	41.366	ng	98
13) 1,4-Dichlorobenzene	6.83	146	571726	41.899	ng	98
14) 1,2-Dichlorobenzene	6.99	146	554886	42.984	ng	99
15) Benzyl Alcohol	6.96	79	455787	43.433	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	744627	41.296	ng	100
17) 2-Methylphenol	7.07	107	449442	40.069	ng	98
18) Hexachloroethane	7.33	117	212383	43.003	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	345350	40.927	ng	98
20) 3+4-Methylphenols	7.23	107	495445	34.722	ng	# 88
22) Acetophenone	7.23	105	690170	41.233	ng	# 94
24) Nitrobenzene	7.40	77	562592	40.497	ng	99
25) Isophorone	7.64	82	1061172	41.252	ng	99
26) 2-Nitrophenol	7.72	139	305851	46.356	ng	100
27) 2,4-Dimethylphenol	7.76	122	498072	46.495	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	669040	42.607	ng	99
29) 2,4-Dichlorophenol	7.96	162	470777	43.007	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	505649	41.635	ng	99
31) Naphthalene	8.12	128	1551567	40.556	ng	99
32) Benzoic acid	7.89	122	362653	45.098	ng	100
33) 4-Chloroaniline	8.17	127	244844	14.347	ng	99
34) Hexachlorobutadiene	8.24	225	289425	40.426	ng	99
35) Caprolactam	8.55	113	151219m	43.078	ng	
36) 4-Chloro-3-methylphenol	8.66	107	487072	43.385	ng	98
37) 2-Methylnaphthalene	8.82	142	1066446	42.932	ng	99
38) 1-Methylnaphthalene	8.91	142	1004081	42.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	455443	39.054	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	511437	79.351	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	347548	42.327	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	370299m	39.757	nq	
46) 1,1'-Biphenyl	9.27	154	1256951	41.169	nq	99
47) 2-Chloronaphthalene	9.30	162	980762	39.400	nq	97
48) 2-Nitroaniline	9.40	65	310104	41.222	nq	97
49) Acenaphthylene	9.72	152	1590299	41.124	nq	100
50) Dimethylphthalate	9.58	163	1397918	48.411	nq	98
51) 2,6-Dinitrotoluene	9.64	165	269945	43.513	nq	97
52) Acenaphthene	9.89	154	1071304m	43.574	nq	
53) 3-Nitroaniline	9.80	138	133133	17.111	nq	96
54) 2,4-Dinitrophenol	9.92	184	253617	71.790	nq	# 86
55) Dibenzofuran	10.06	168	1396764	39.286	nq	98
56) 4-Nitrophenol	9.97	139	486992	82.396	nq	99
57) 2,4-Dinitrotoluene	10.04	165	356429	43.751	nq	97
58) Fluorene	10.40	166	980039	36.959	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	318181	44.868	nq	96
60) Diethylphthalate	10.28	149	1189384	40.722	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	480598	33.980	nq	99
62) 4-Nitroaniline	10.43	138	280984	37.073	nq	96
63) Azobenzene	10.56	77	1107836	39.842	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	177657	41.164	nq	97
66) n-Nitrosodiphenylamine	10.52	169	983198	41.307	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	343072	40.668	nq	91
68) Hexachlorobenzene	10.95	284	380081	41.651	nq	# 92
69) Atrazine	11.04	200	288323	48.912	nq	98
70) Pentachlorophenol	11.14	266	428139	81.896	nq	99
71) Phenanthrene	11.36	178	1601770	41.162	nq	100
72) Anthracene	11.42	178	1615677	41.348	nq	99
73) Carbazole	11.57	167	1500077	38.683	nq	99
74) Di-n-butylphthalate	11.90	149	1847130	41.276	nq	100
75) Fluoranthene	12.55	202	1783860	41.357	nq	99
77) Benzidine	12.67	184	902468	61.800	nq	99
78) Pyrene	12.78	202	1815029	46.221	nq	99
80) Butylbenzylphthalate	13.40	149	832193	47.539	nq	99
81) Benzo(a)anthracene	13.97	228	1353115	40.231	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	365726	28.822	nq	99
83) Chrysene	14.00	228	1435461	40.612	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	947119	43.876	nq	100
85) Di-n-octyl phthalate	14.57	149	1895790	44.144	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1370219	38.015	nq	100
88) Benzo(b)fluoranthene	15.00	252	1497310	47.795	nq	99
89) Benzo(k)fluoranthene	15.03	252	1187502	41.563	nq	99
90) Benzo(a)pyrene	15.36	252	1211479	42.385	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1145234	38.897	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1140346	39.281	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

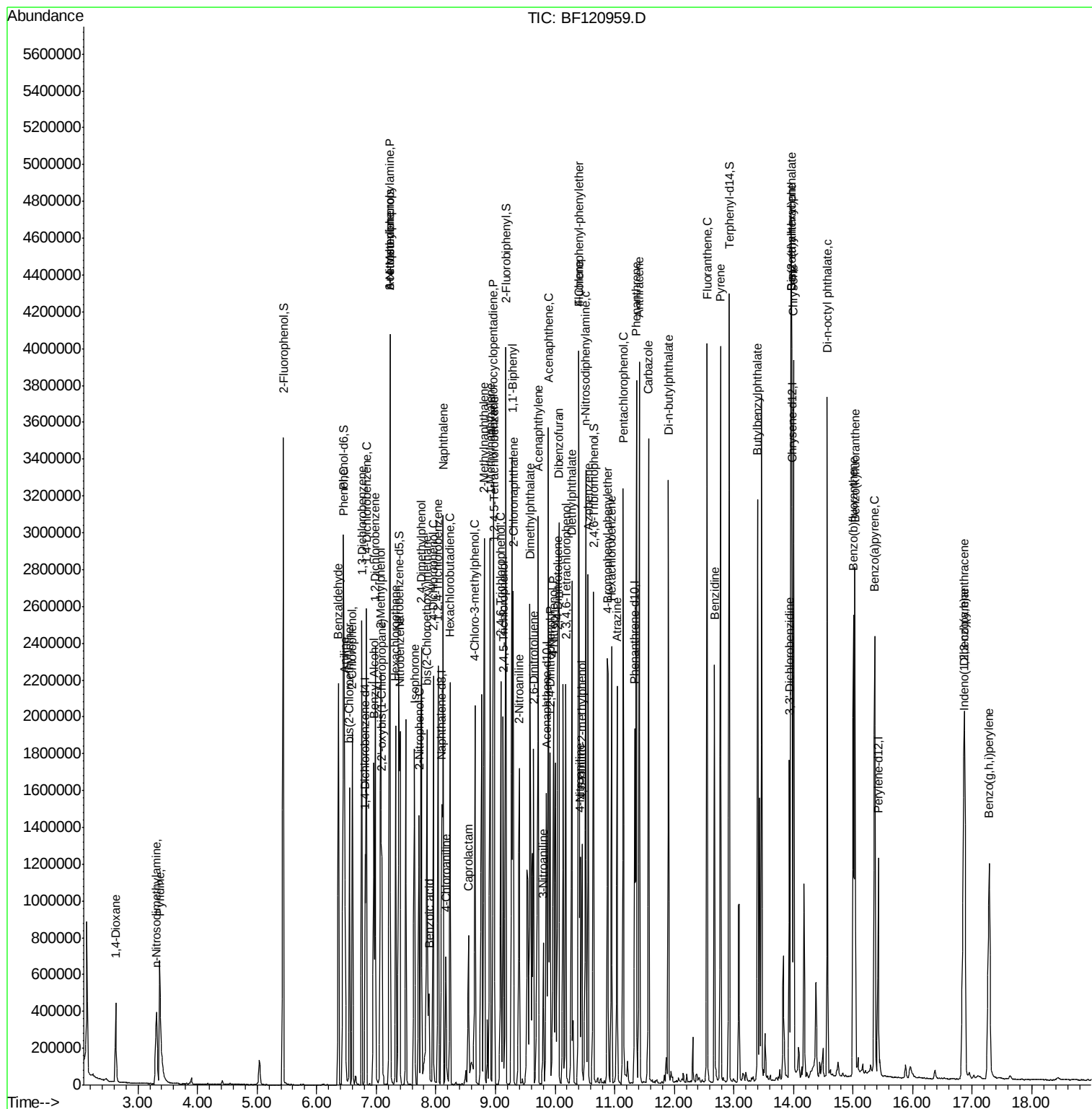
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120959.D
Acq On : 21 Jul 2020 17:48
Operator : JU/CG
Sample : L3351-03MS
Misc :
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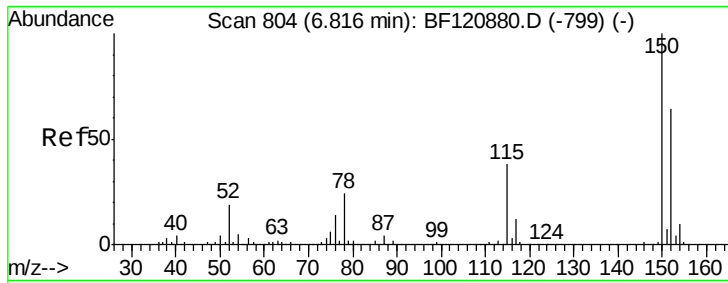
Instrument :
BNA_F
ClientSampled :
SAMPLE-1BMS

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#1

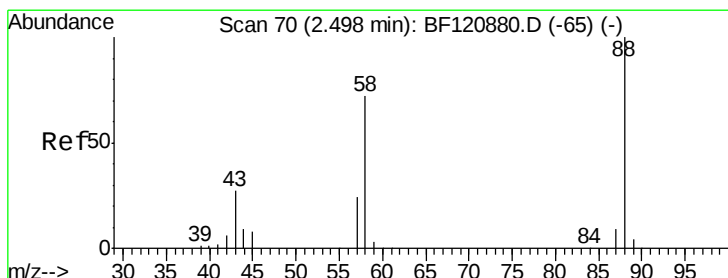
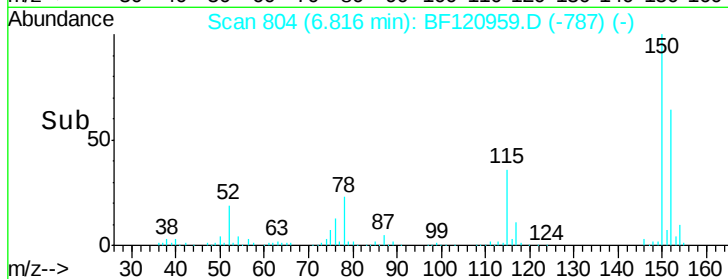
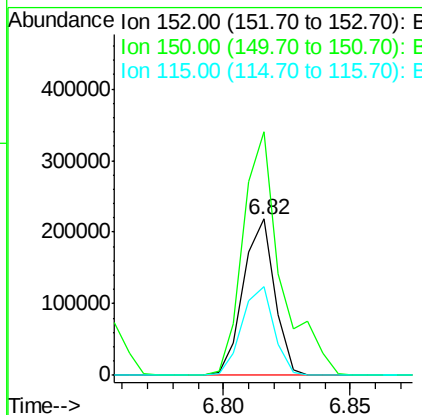
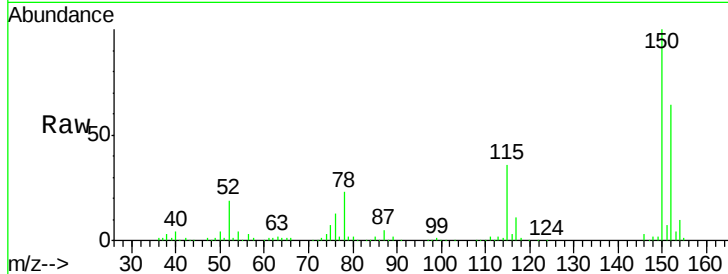
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.0	187.6
115	56.8	47.0	70.4

Manual Integrations
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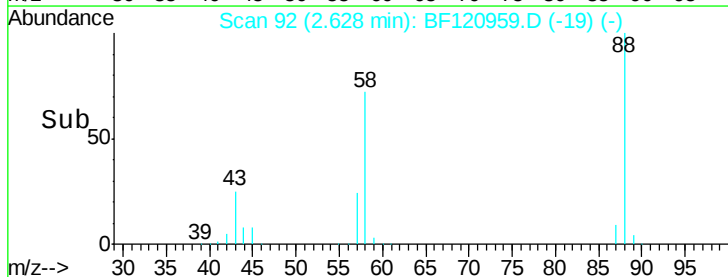
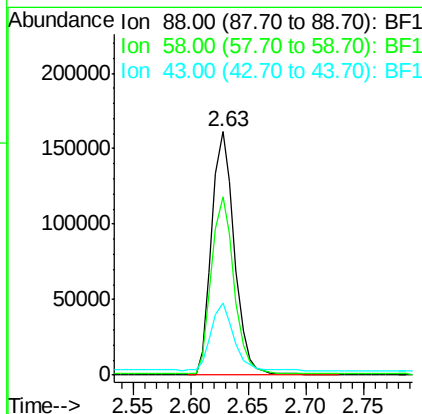
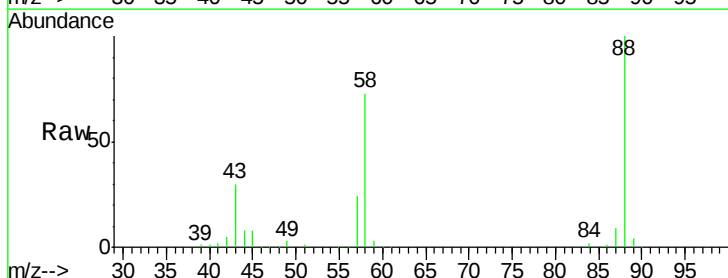
Sohil
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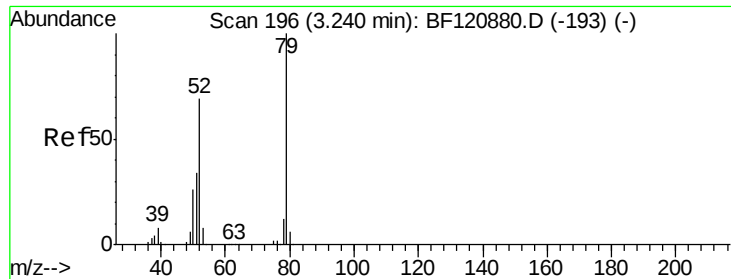


#2

1,4-Dioxane
Concen: 42.130 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.13 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.2	87.2
43	26.8	22.1	33.1





#3

Pvridine

Concen: 37.054 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.12 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

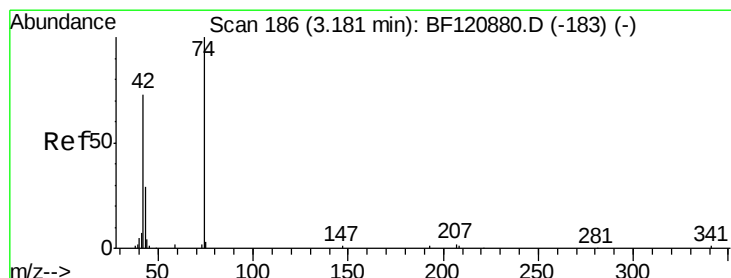
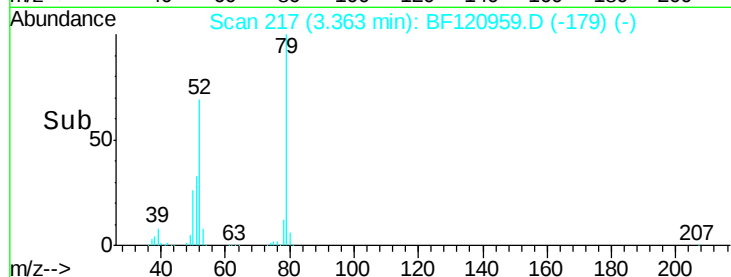
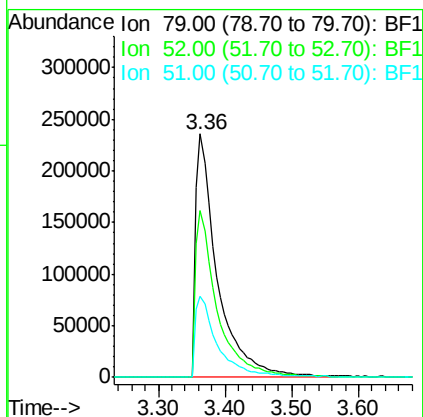
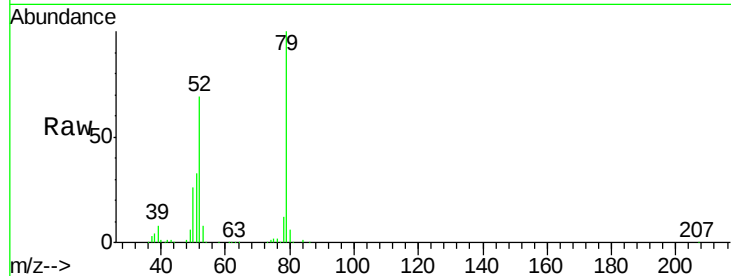
ClientSampleId :

SAMPLE-1BMS

Tot Ion:	79	Resp:	521145
Ion Ratio	Lower	Upper	
79	100		
52	68.5	55.0	82.6
51	33.4	26.9	40.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.516 ng

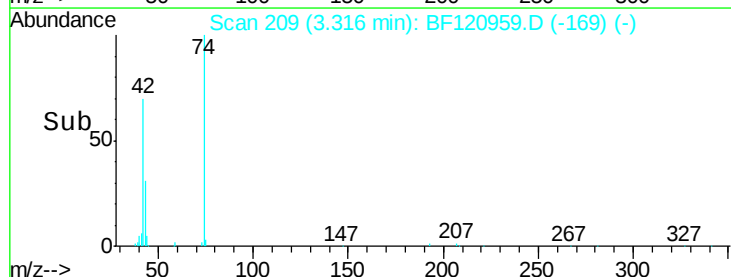
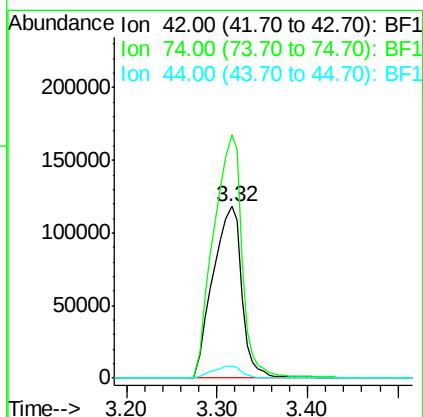
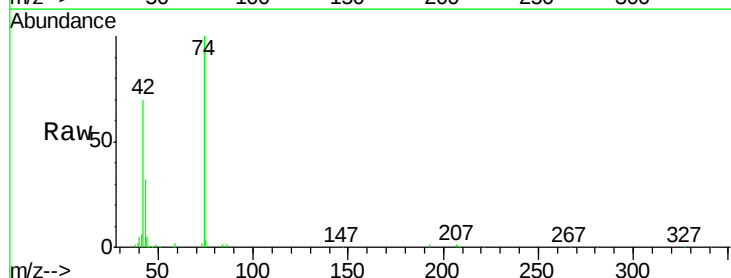
RT: 3.32 min Scan# 209

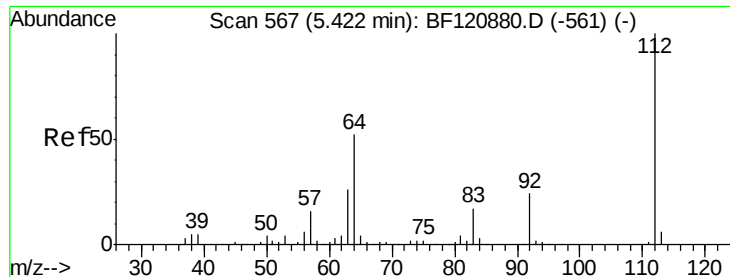
Delta R.T. 0.14 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Tgt Ion:	42	Resp:	261707
Ion Ratio	Lower	Upper	
42	100		
74	142.1	108.7	163.1
44	6.8	5.2	7.8





#5

2-Fluorophenol

Concen: 94.293 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampled :

SAMPLE-1BMS

Tot Ion: 112 Resp: 1083214

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

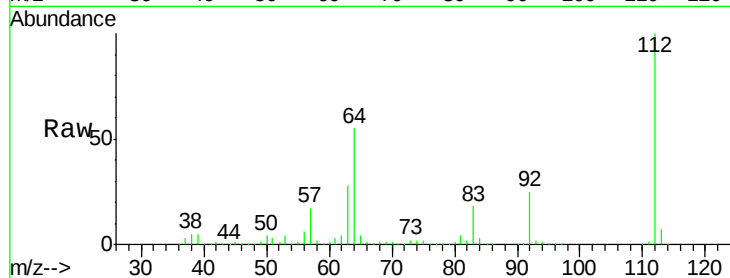
63 27.9 21.1 31.7

Manual Integrations

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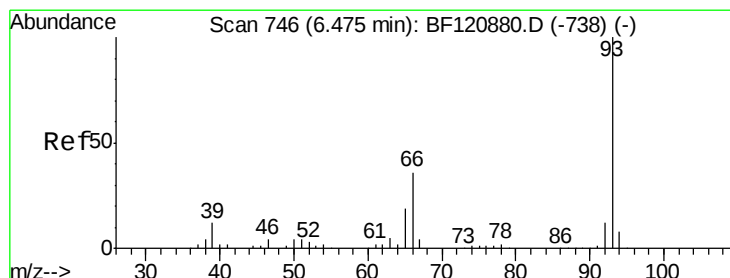
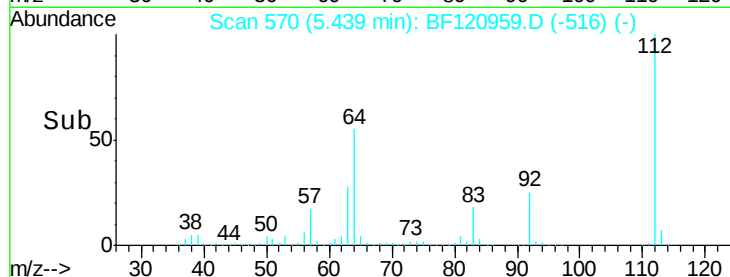
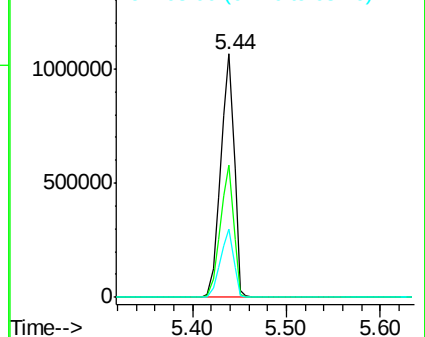
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.835 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

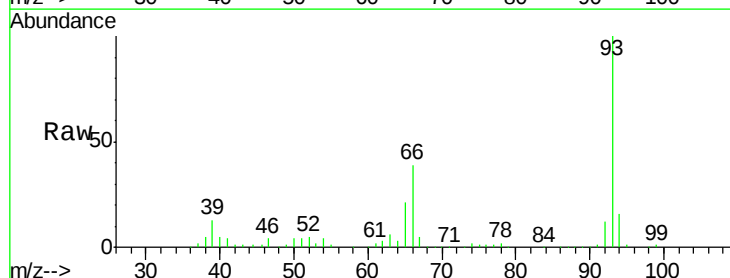
Tgt Ion: 93 Resp: 461690

Ion Ratio Lower Upper

93 100

66 39.1 30.2 45.4

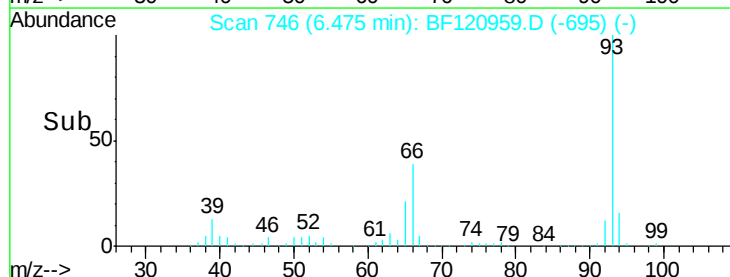
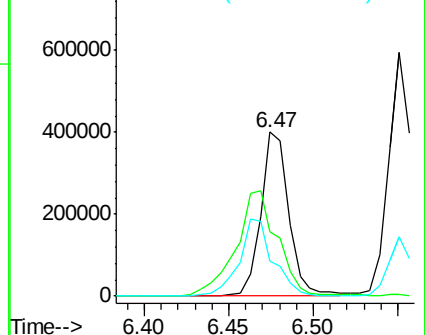
65 21.4 15.8 23.6

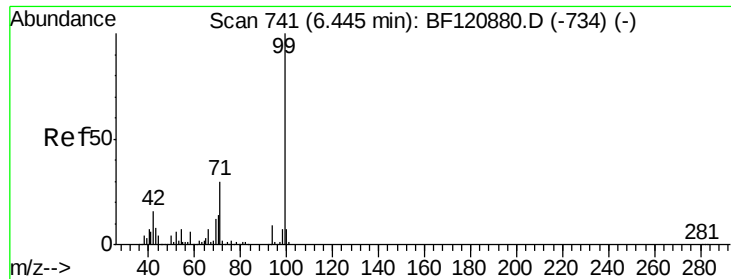


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.469 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion: 99 Resp: 1357325

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

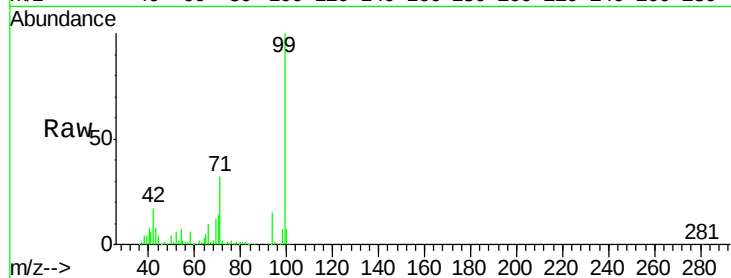
71 31.6 24.2 36.4

Manual Integrations

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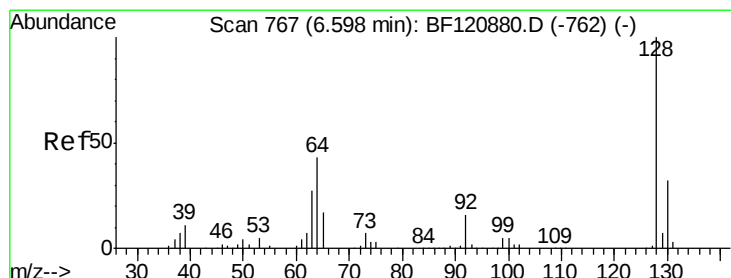
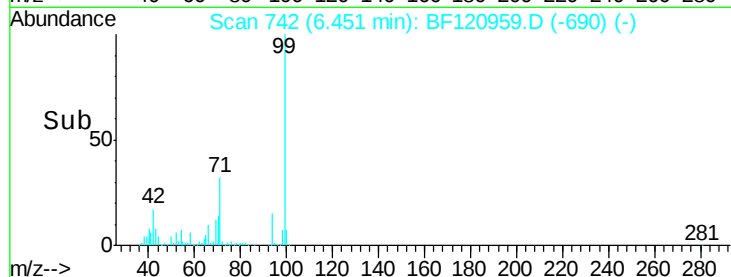
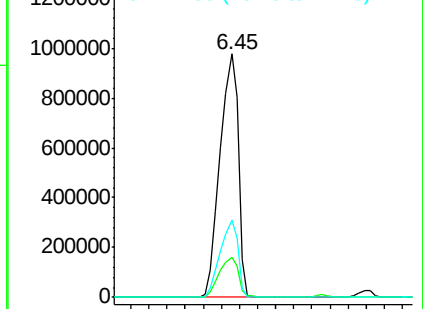
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.952 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

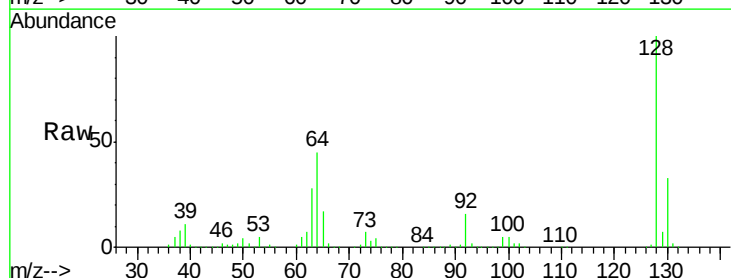
Tgt Ion: 128 Resp: 568883

Ion Ratio Lower Upper

128 100

130 33.1 12.1 52.1

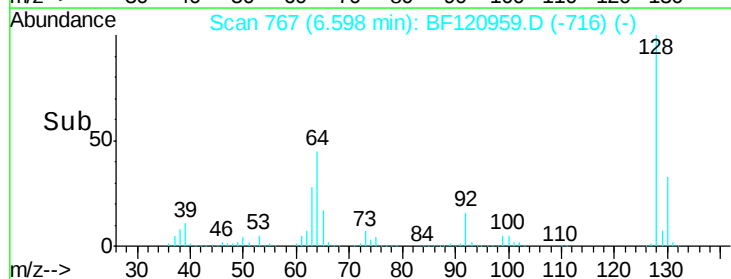
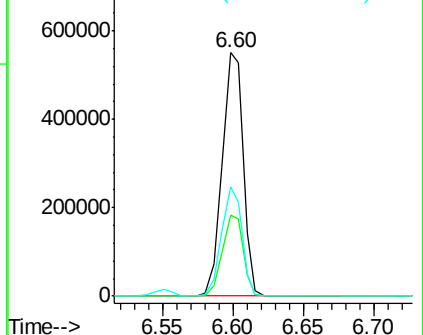
64 45.0 24.0 64.0

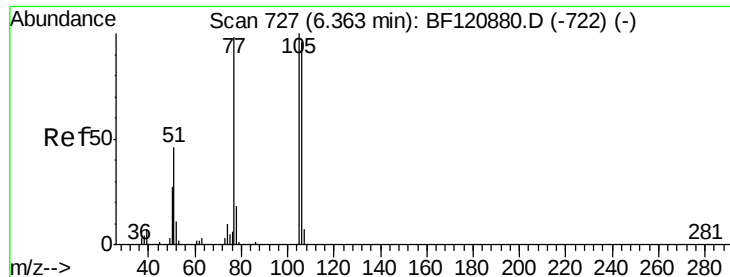


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 76.384 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion: 77 Resp: 430403

Ion Ratio Lower Upper

77 100

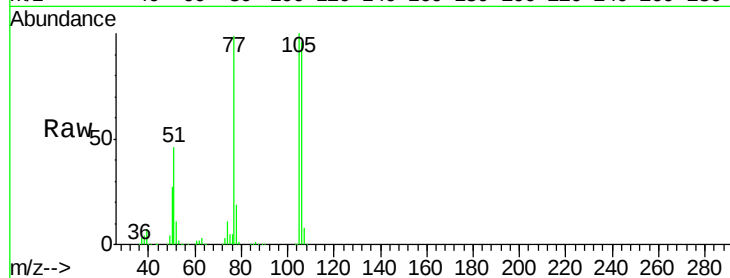
105 101.1 82.5 122.5

106 97.0 78.7 118.7

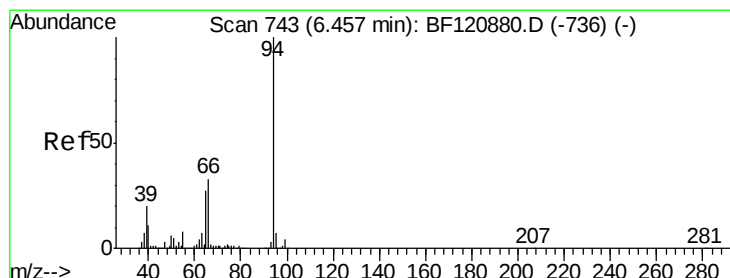
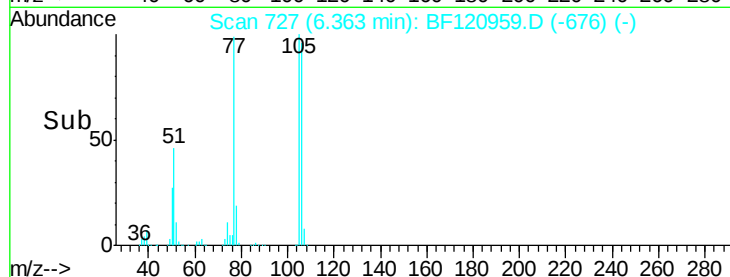
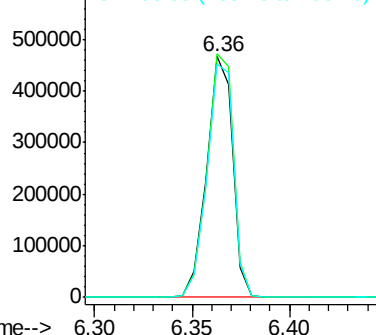
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.541 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

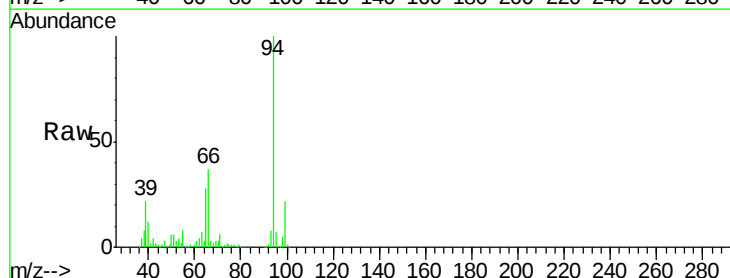
Tgt Ion: 94 Resp: 678095

Ion Ratio Lower Upper

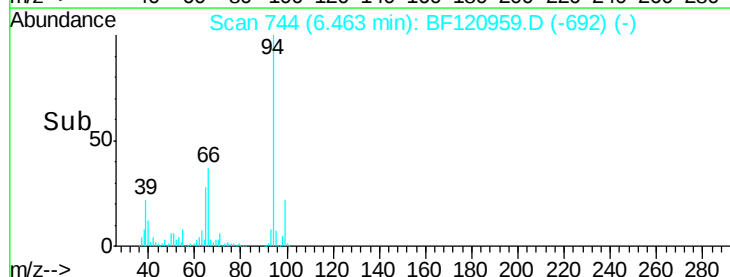
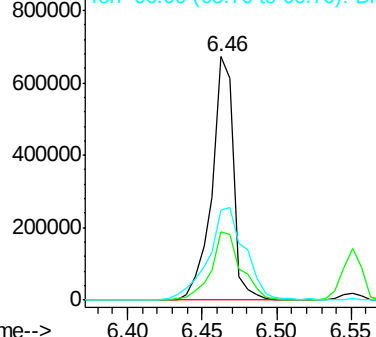
94 100

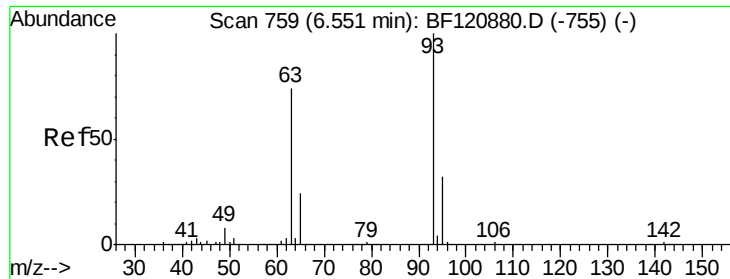
65 28.1 6.6 46.6

66 37.1 13.2 53.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





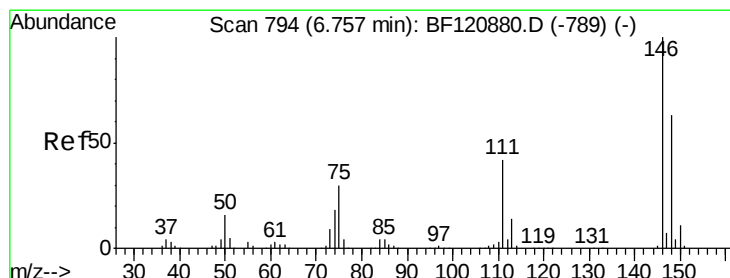
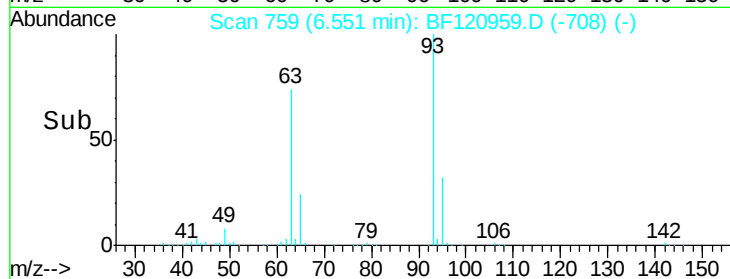
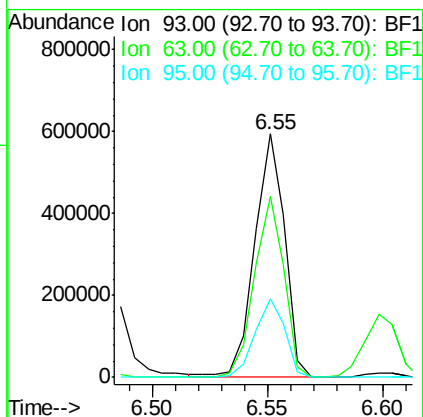
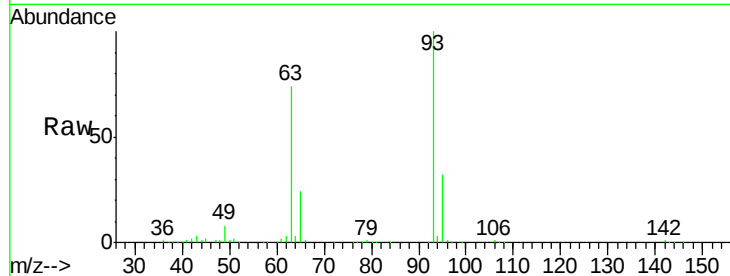
#11
bis(2-Chloroethyl)ether
Concen: 42.996 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.2	94.2
95	32.5	12.2	52.2

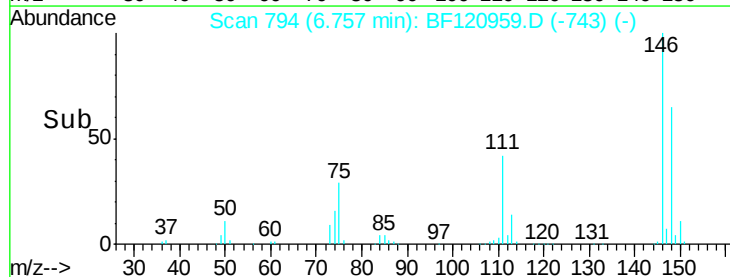
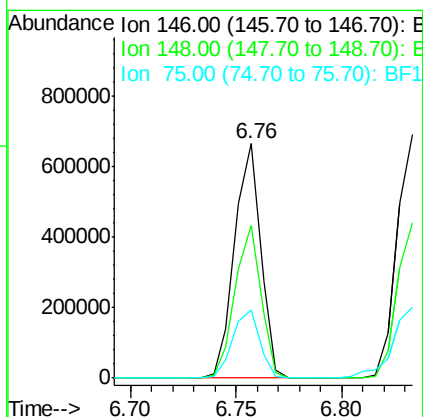
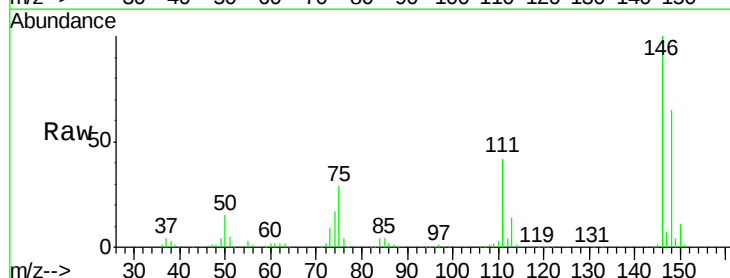
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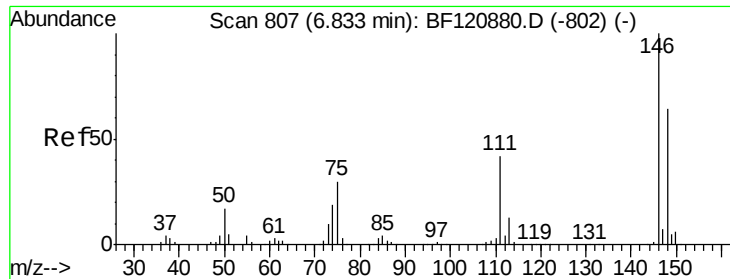
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.366 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
75	29.1	24.1	36.1





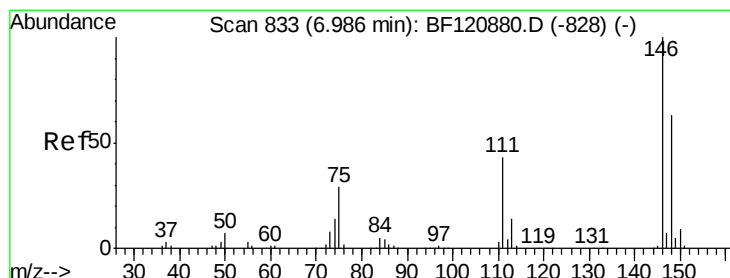
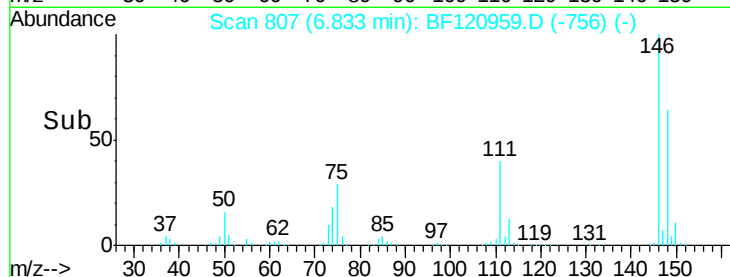
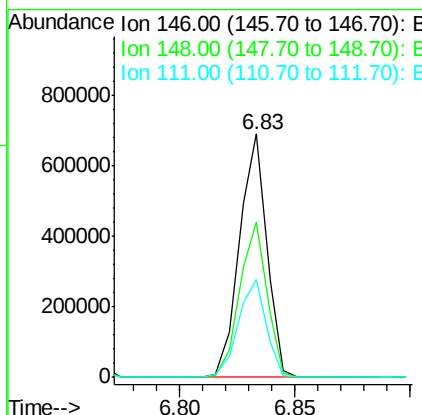
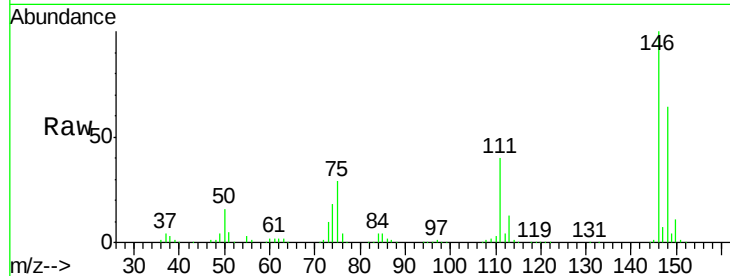
#13
1,4-Dichlorobenzene
Concen: 41.899 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	40.2	33.5	50.3

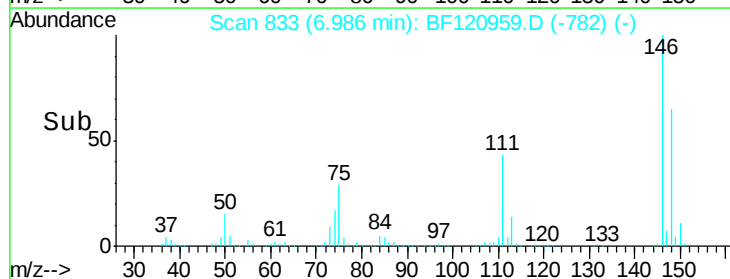
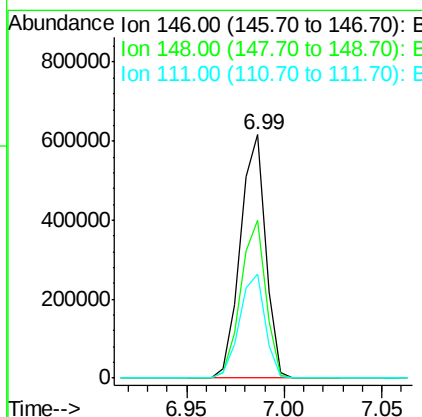
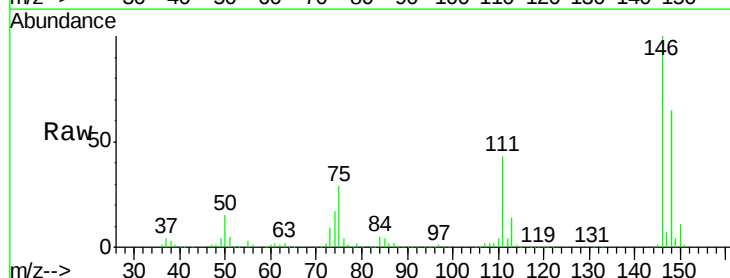
Manual Integrations
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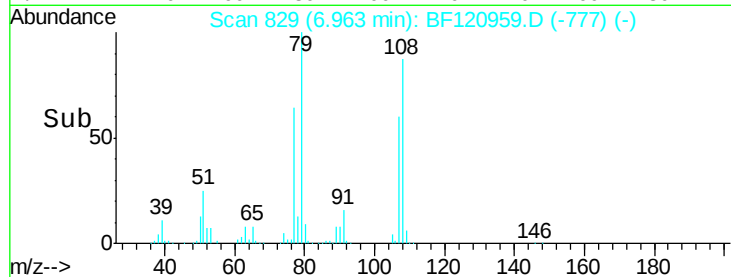
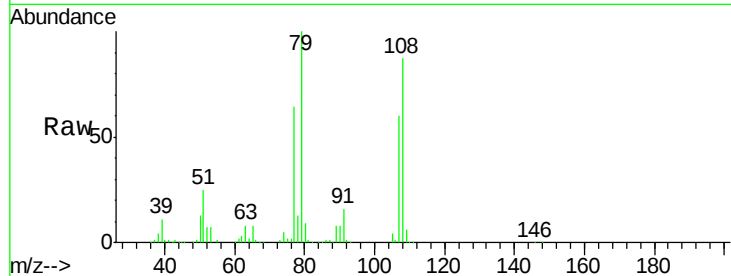
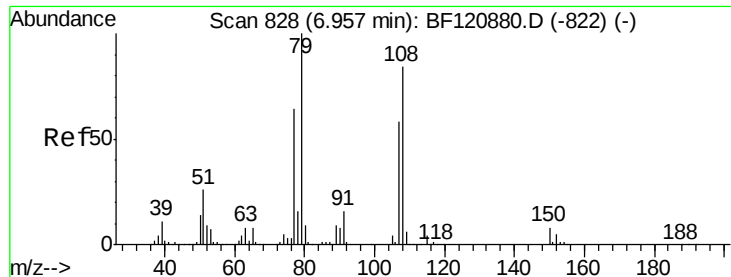
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#14
1,2-Dichlorobenzene
Concen: 42.984 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
111	43.0	34.2	51.2





#15

Benzyl Alcohol

Concen: 43.433 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Tot Ion:	79	Resp:	455787
Ion Ratio	Lower	Upper	
79	100		
108	87.1	67.0	100.6
77	64.0	51.0	76.4

Instrument :

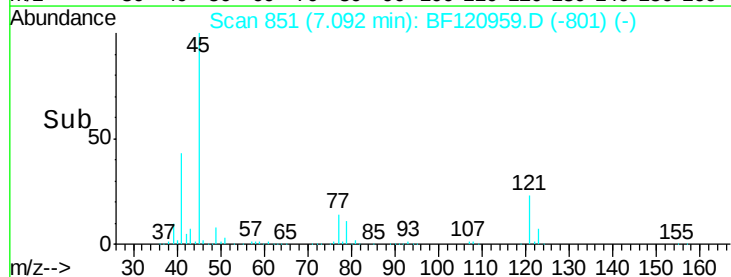
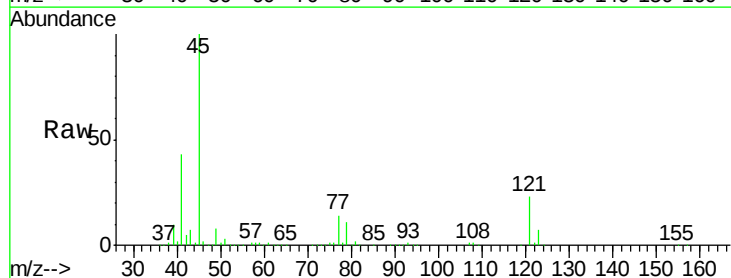
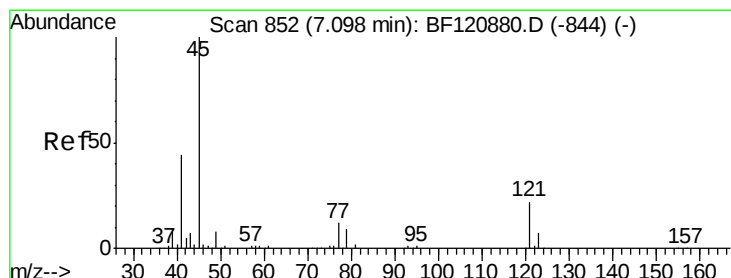
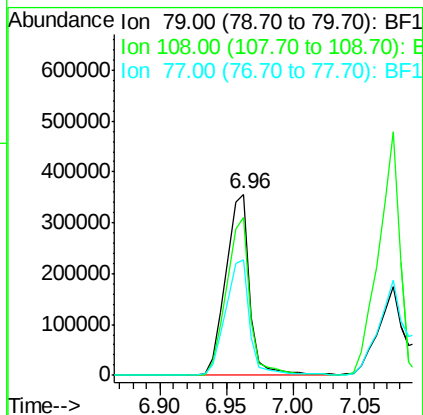
BNA_F

ClientSampleId :

SAMPLE-1BMS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.296 ng

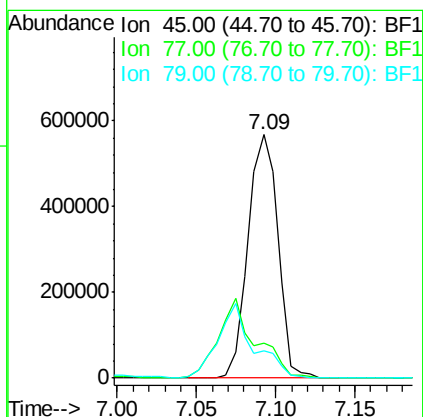
RT: 7.09 min Scan# 851

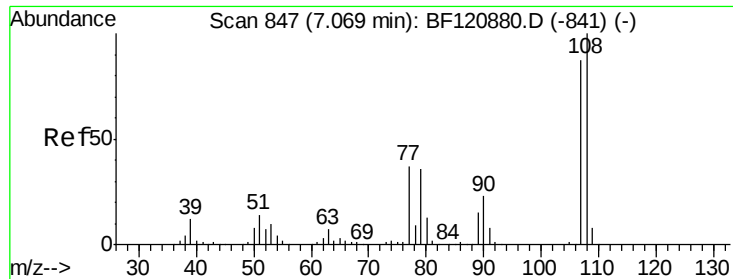
Delta R.T. -0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Tgt Ion:	45	Resp:	744627
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	34.3
79	11.1	0.0	31.0





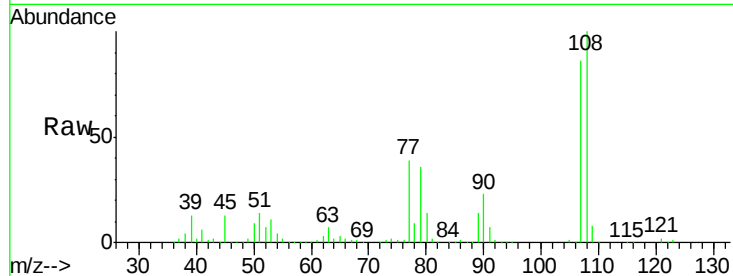
#17
2-Methylphenol
Concen: 40.069 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.3	92.0	138.0	
77	45.3	34.0	51.0	
79	42.3	33.3	49.9	

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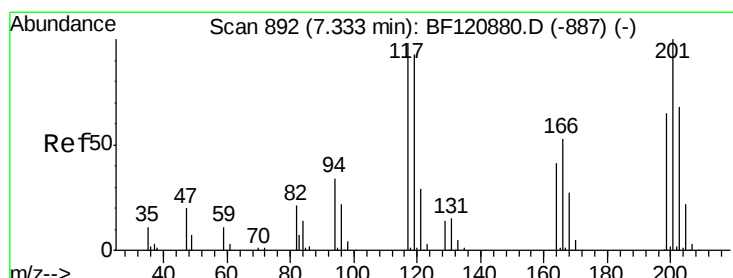
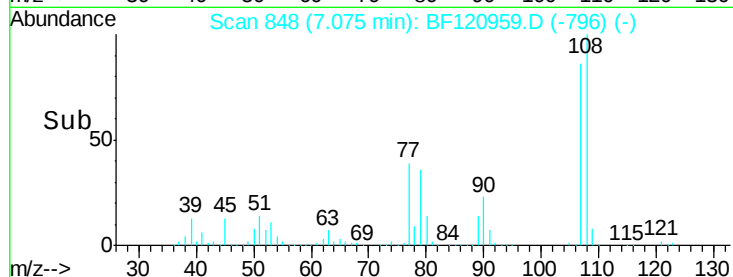
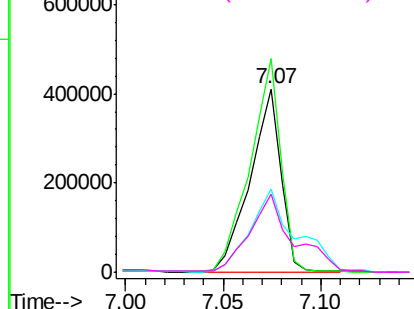
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

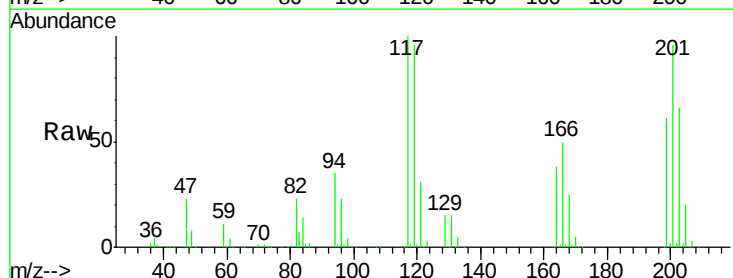
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.003 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	76.0	114.0	
201	95.9	81.7	122.5	

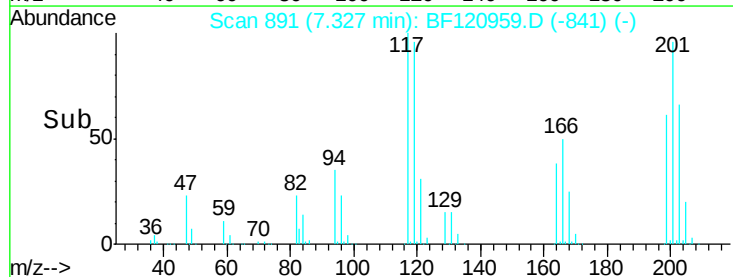
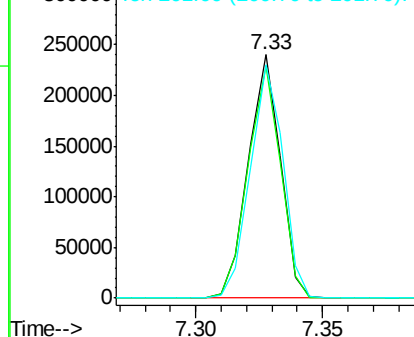


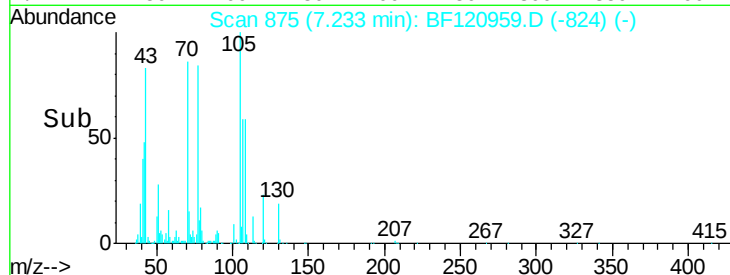
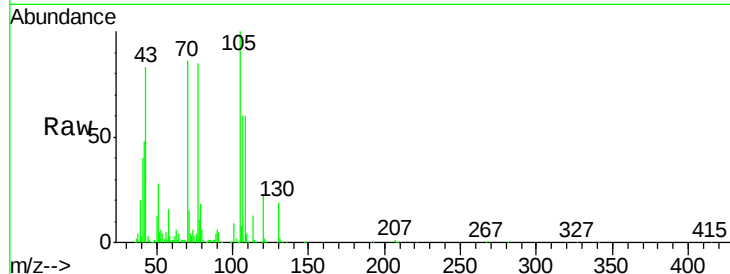
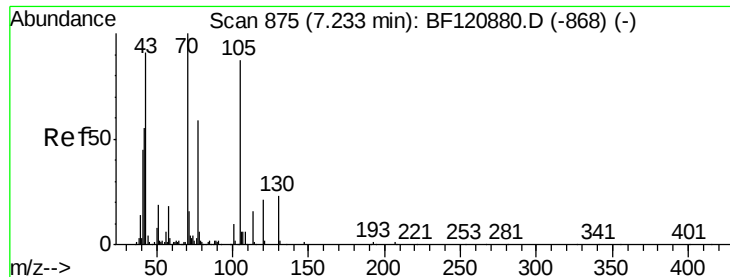
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





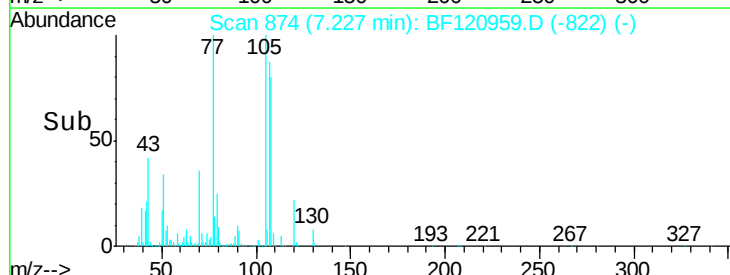
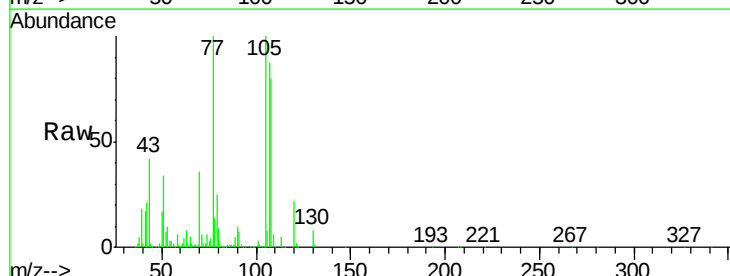
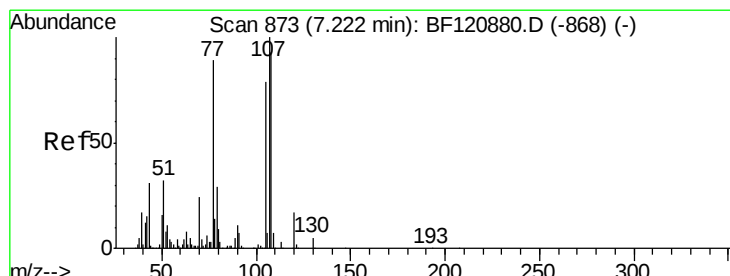
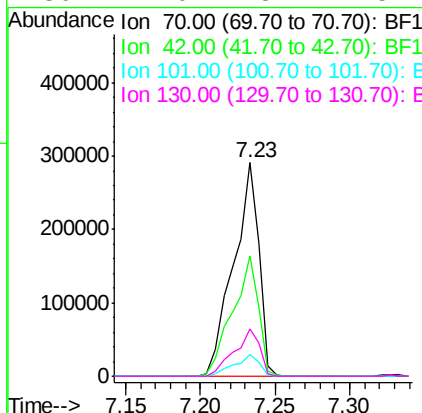
#19
n-Nitroso-di-n-propylamine
Concen: 40.927 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	44.0	66.0	
101	10.0	7.8	11.6	
130	22.0	18.7	28.1	

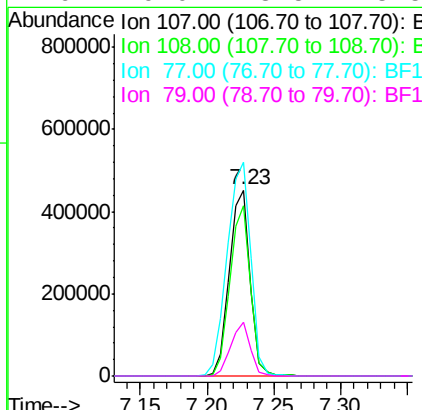
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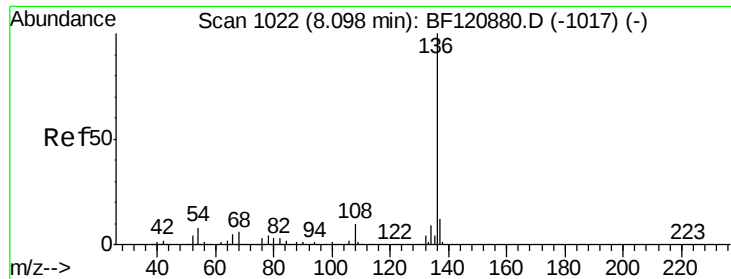
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#20
3+4-Methylphenols
Concen: 34.722 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.7	72.8	112.8	
77	114.9	68.7	108.7#	
79	29.0	8.5	48.5	





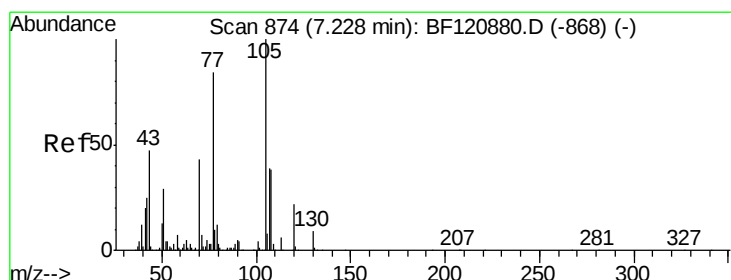
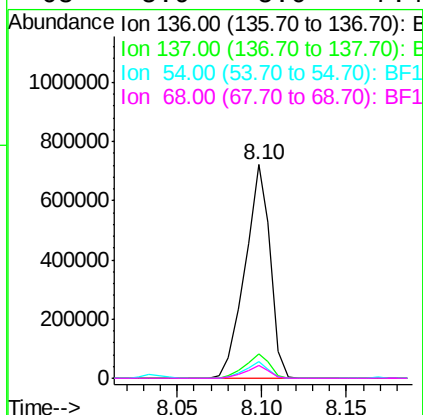
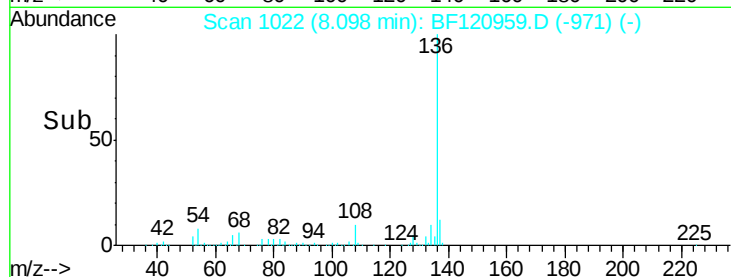
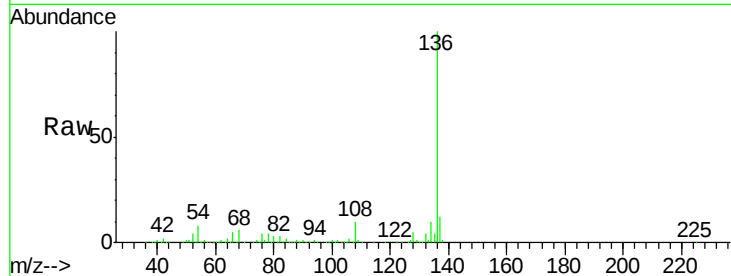
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		745822		
137	11.6		9.3	13.9	
54	7.6		6.3	9.5	
68	5.9		5.0	7.4	

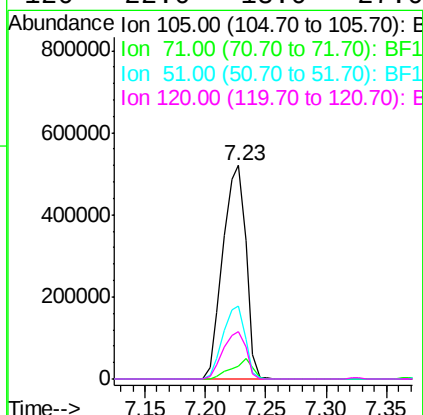
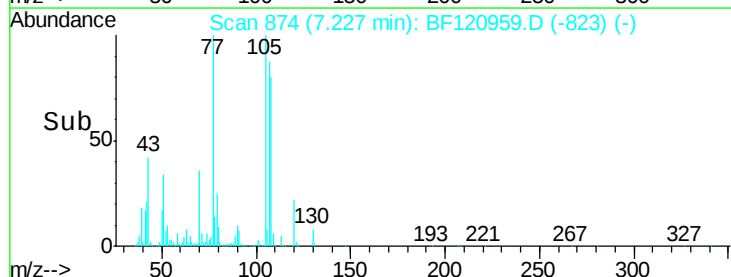
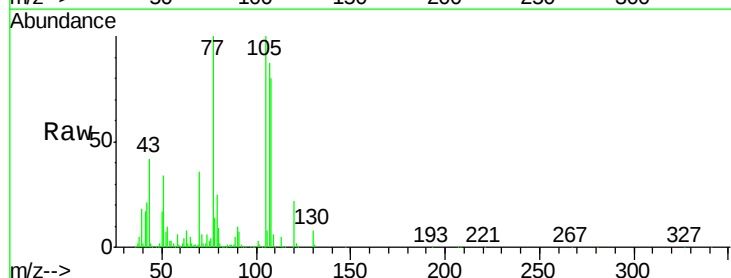
Manual Integrations
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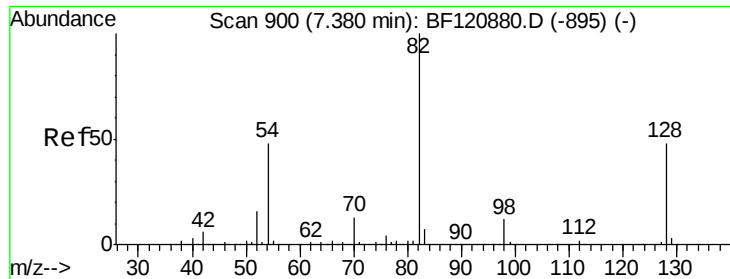
Sohil
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#22
Acetophenone
Concen: 41.233 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		690170		
71	5.9		5.7	8.5	
51	34.4		22.9	34.3#	
120	22.0		18.0	27.0	





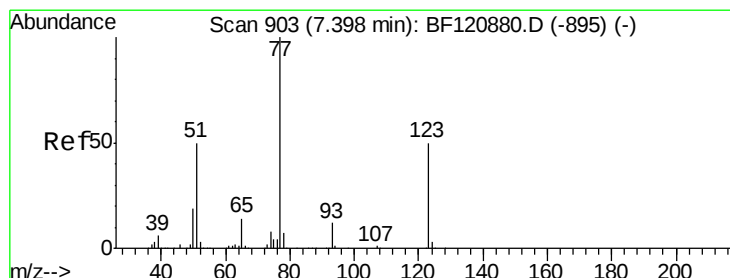
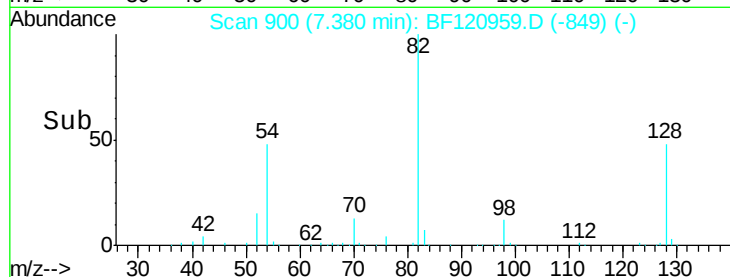
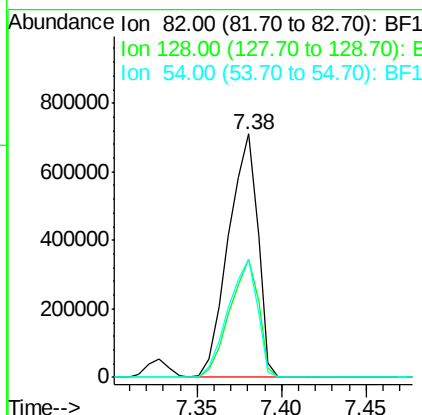
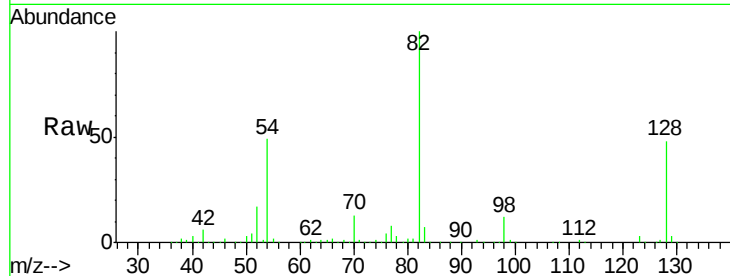
#23
 Nitrobenzene-d5
 Concen: 66.550 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.2	57.4
54	48.6	38.7	58.1

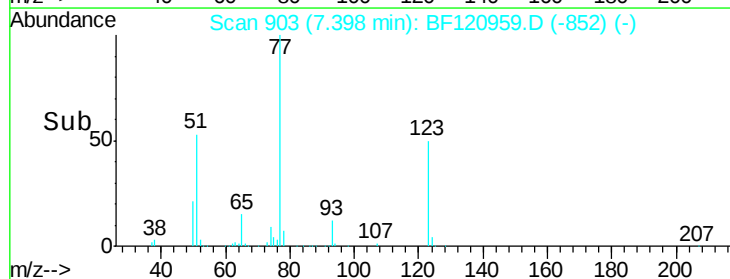
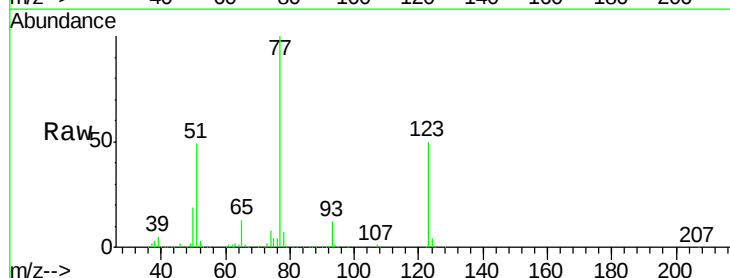
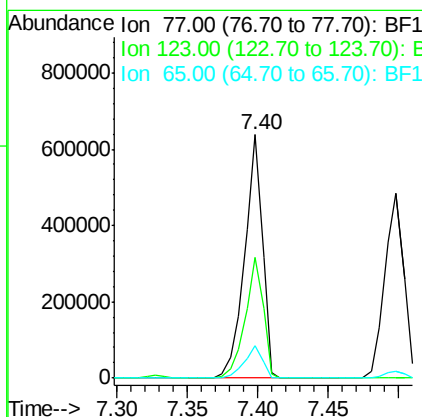
Manual Integrations
 APPROVED

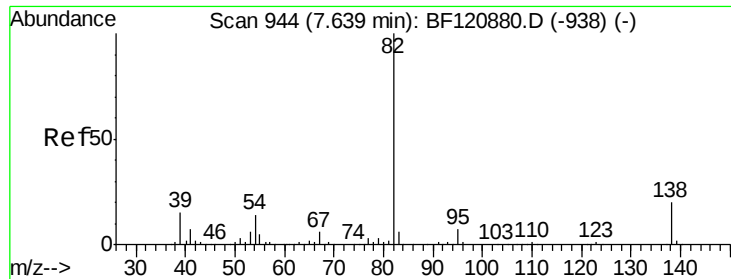
Sohil
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#24
 Nitrobenzene
 Concen: 40.497 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.1	60.1
65	13.3	10.8	16.2





#25

Isophorone

Concen: 41.252 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampled :

SAMPLE-1BMS

Tot Ion: 82 Resp: 1061172

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

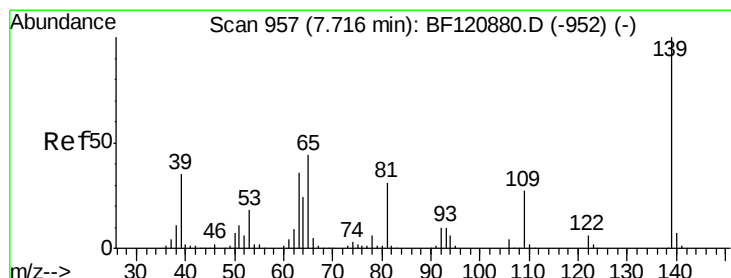
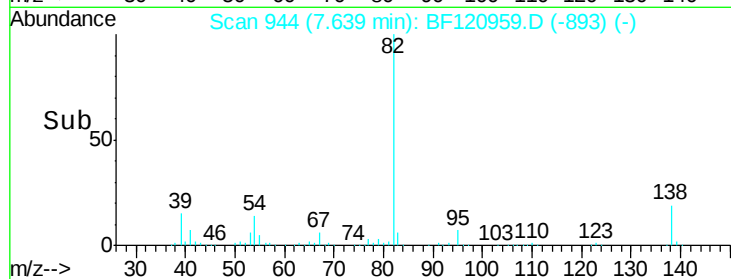
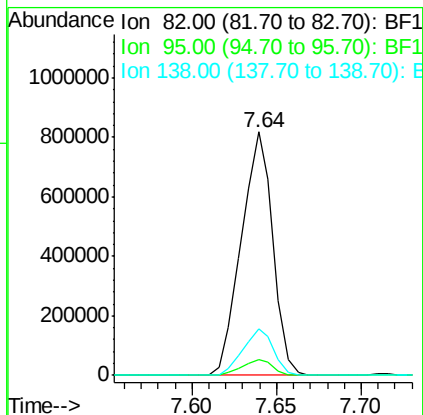
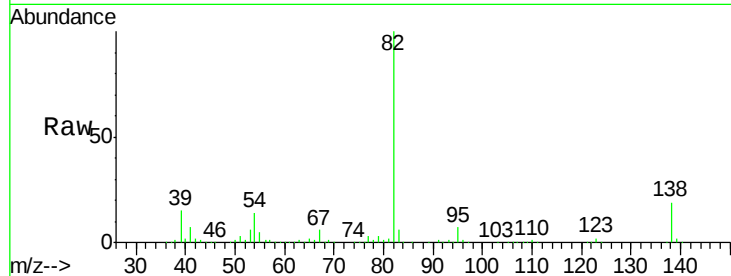
138 19.0 15.6 23.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.356 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

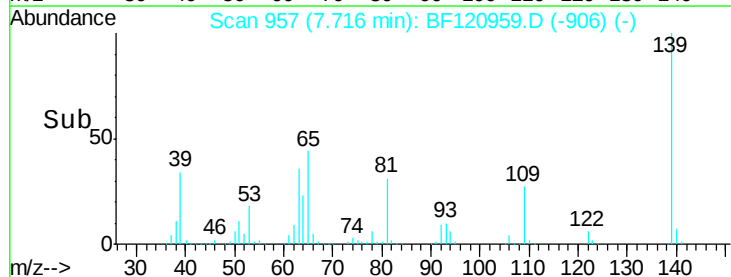
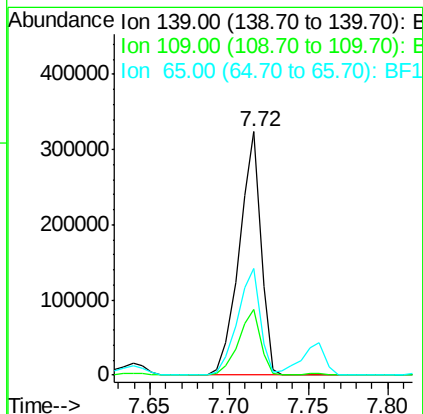
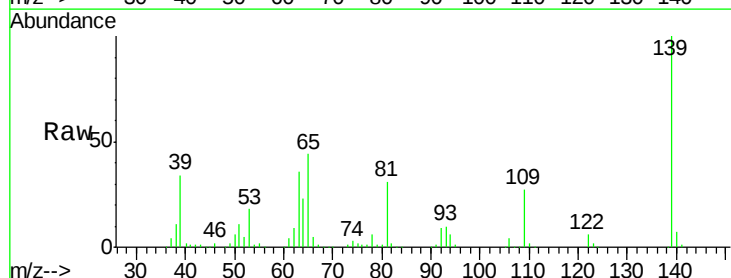
Tgt Ion: 139 Resp: 305851

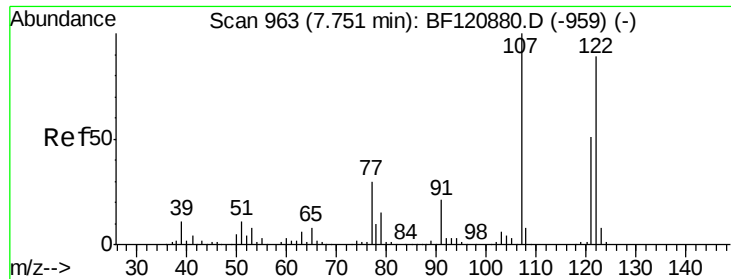
Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

65 43.8 35.3 52.9





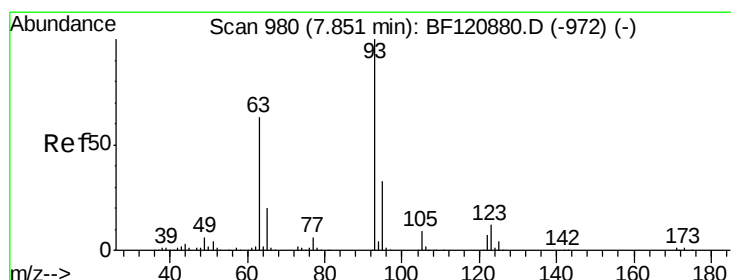
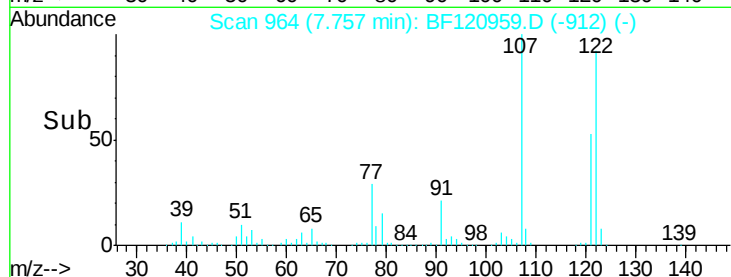
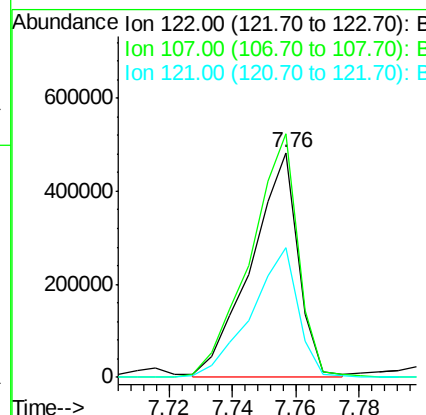
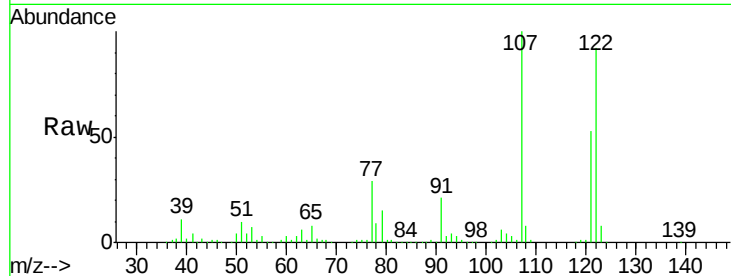
#27
 2,4-Dimethylphenol
 Concen: 46.495 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	89.4	134.0
121	58.0	46.0	69.0

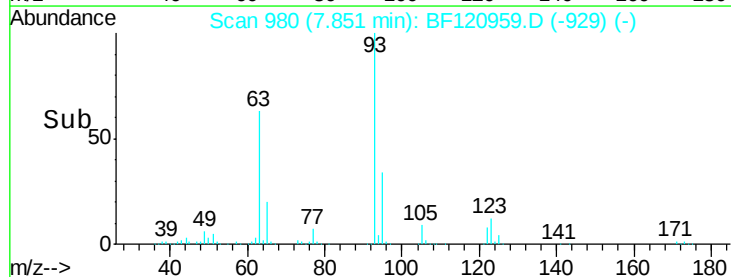
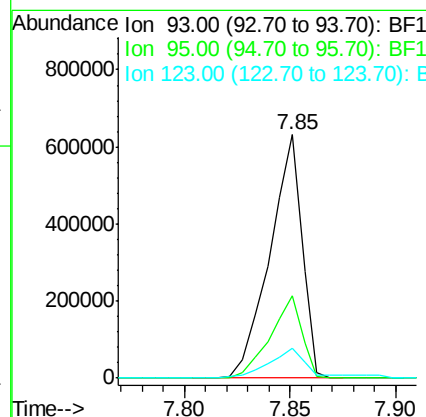
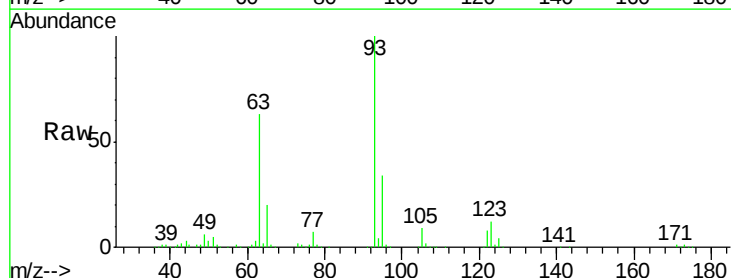
Manual Integrations
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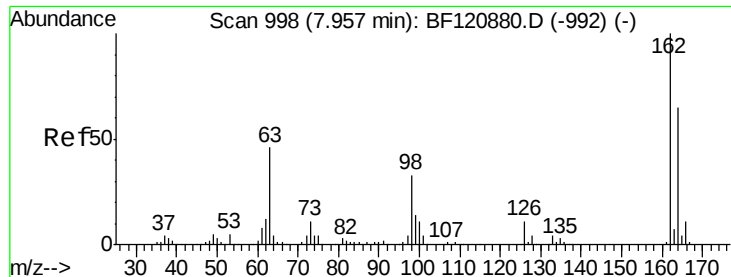
Sohil
 7/24/2020 12:09:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.607 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	39.8
123	12.2	10.0	15.0





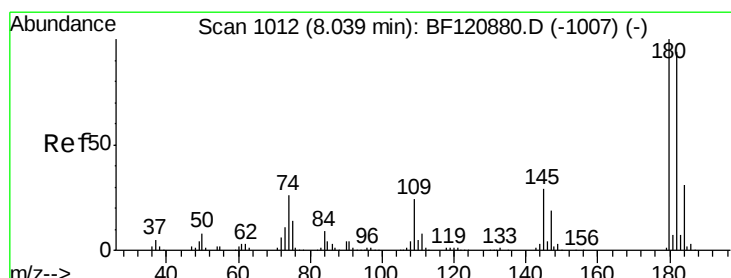
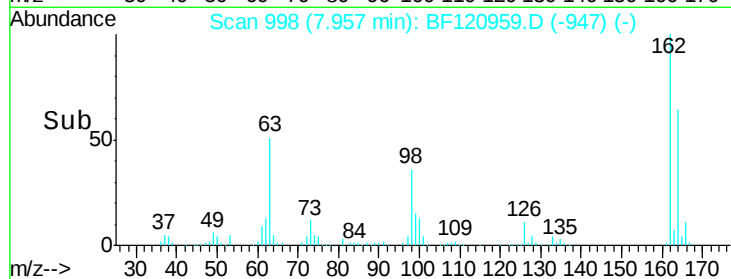
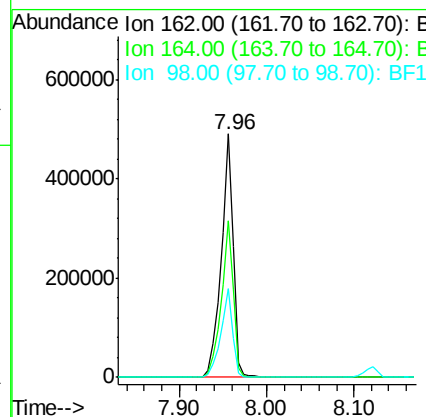
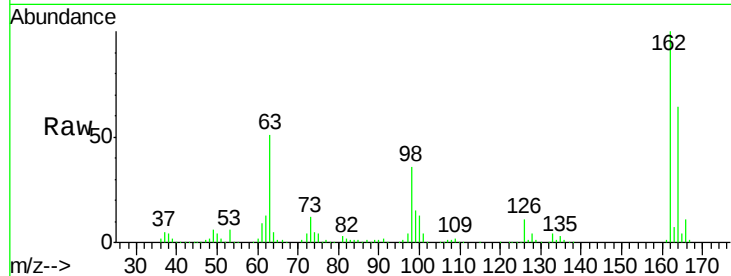
#29
2,4-Dichlorophenol
Concen: 43.007 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.3	85.3
98	36.3	13.3	53.3

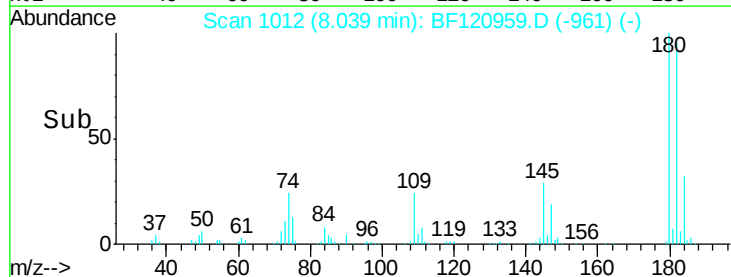
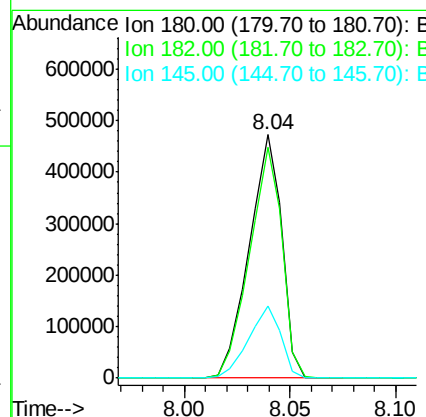
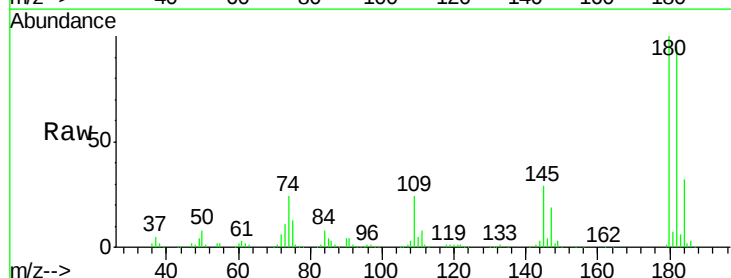
Manual Integrations
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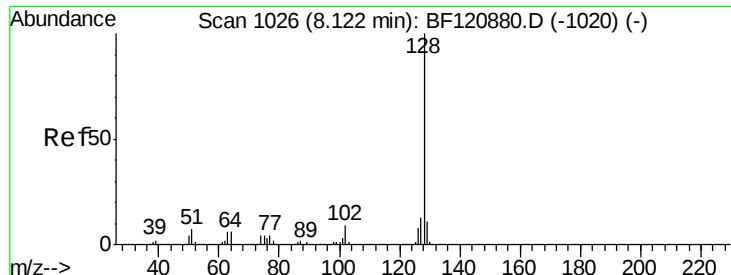
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#30
1,2,4-Trichlorobenzene
Concen: 41.635 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.6
145	29.4	23.5	35.3





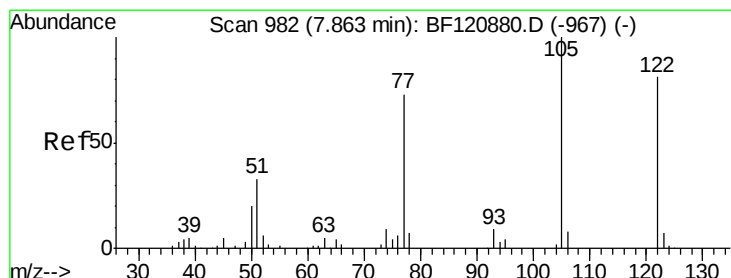
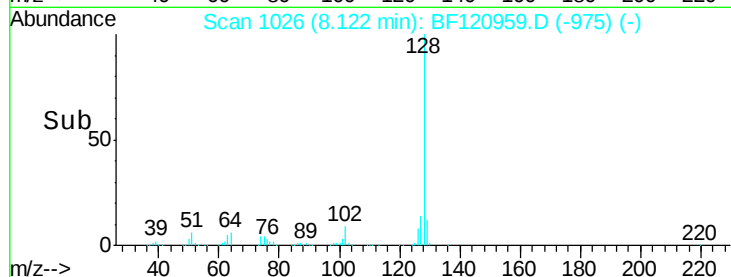
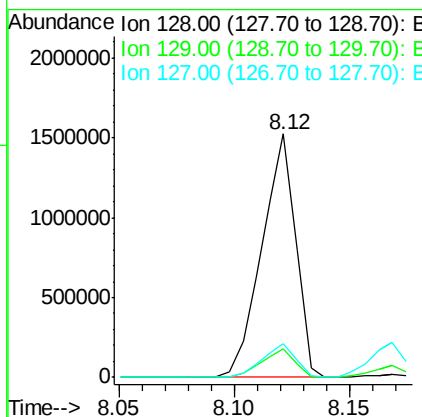
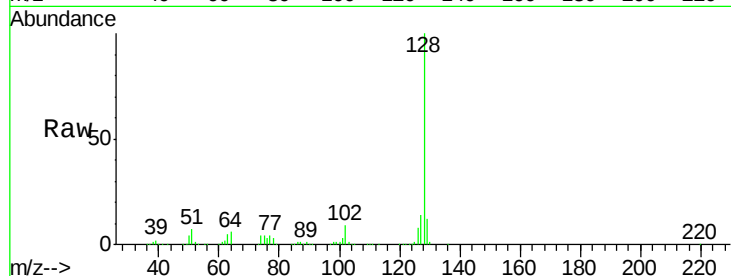
#31
Naphthalene
Concen: 40.556 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.9	10.7	16.1

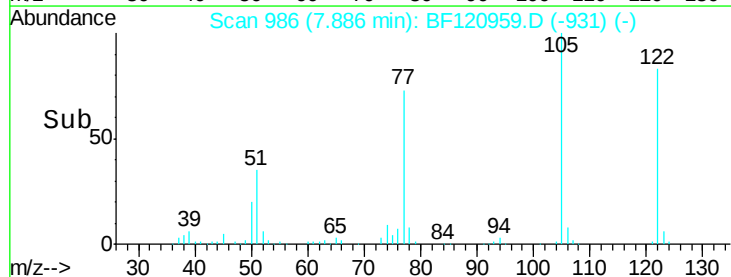
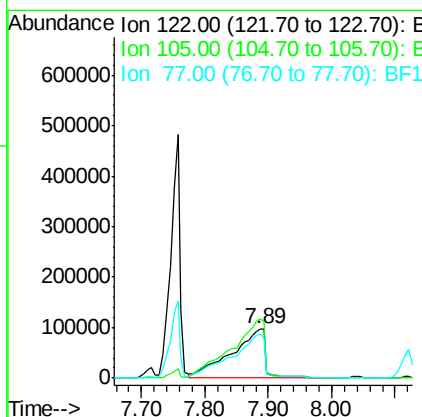
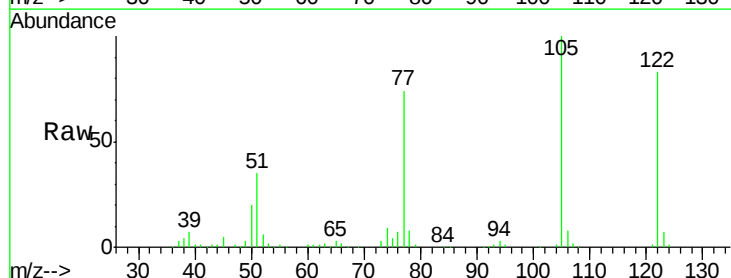
Manual Integrations
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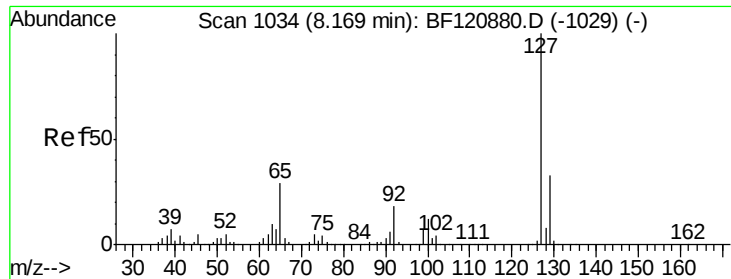
Sohil
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#32
Benzoic acid
Concen: 45.098 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.3	141.3
77	89.2	69.1	109.1





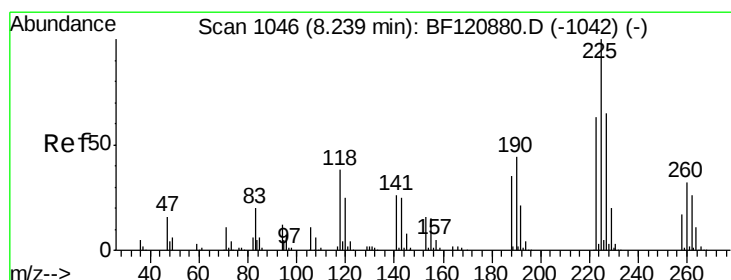
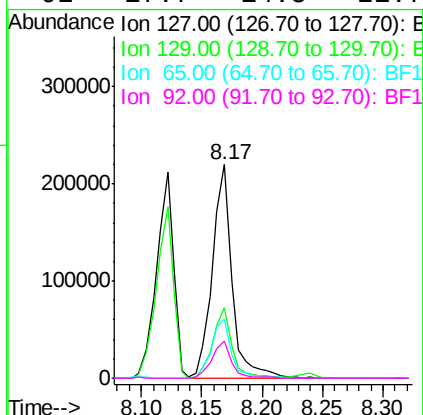
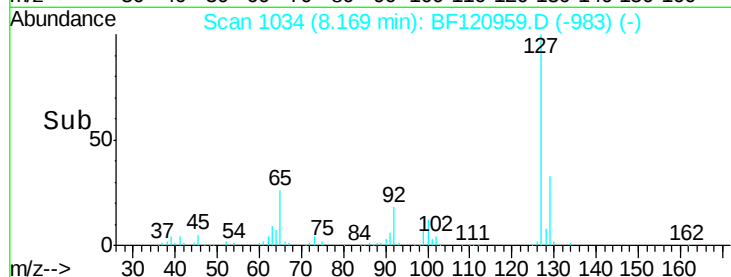
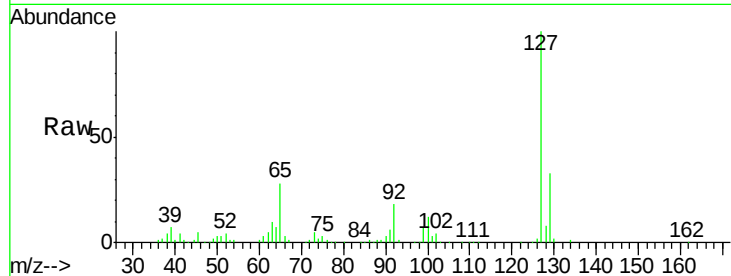
#33
4-Chloroaniline
Concen: 14.347 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	27.6	23.0	34.4
92	17.7	14.5	21.7

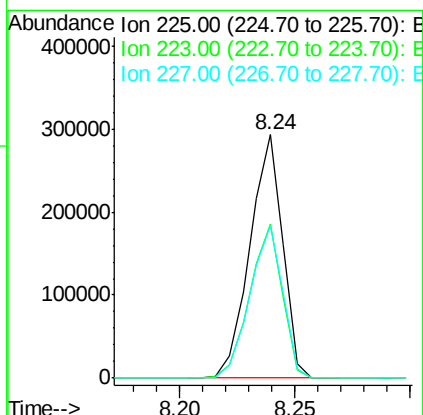
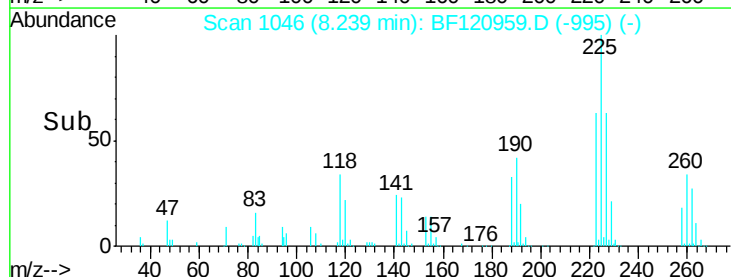
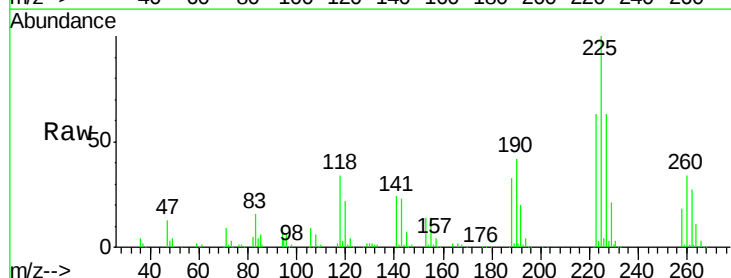
Manual Integrations
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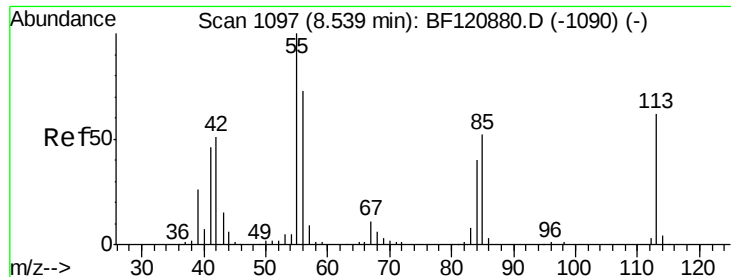
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#34
Hexachlorobutadiene
Concen: 40.426 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	62.9	52.2	78.2





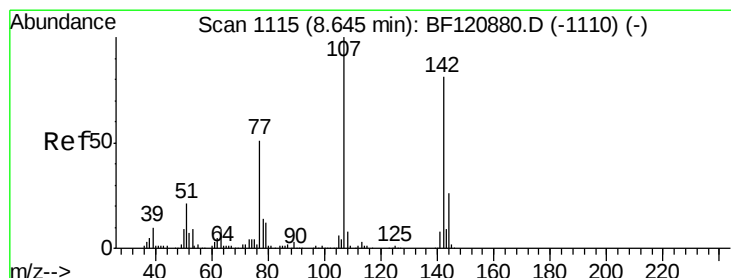
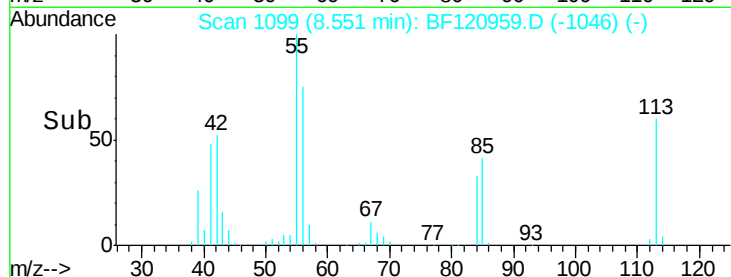
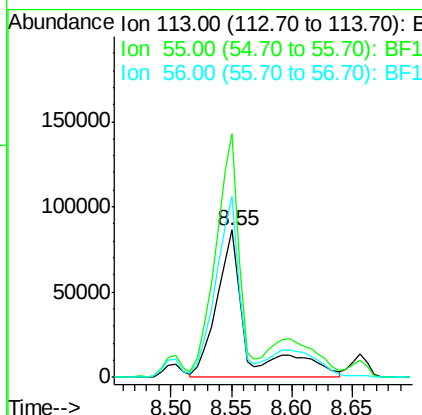
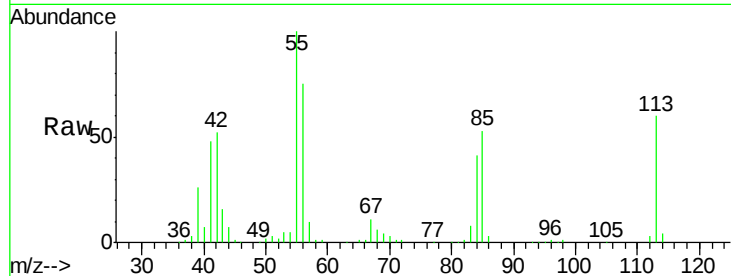
#35
 Caprolactam
 Concen: 43.078 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.5	143.3	183.3
56	123.3	99.4	139.4

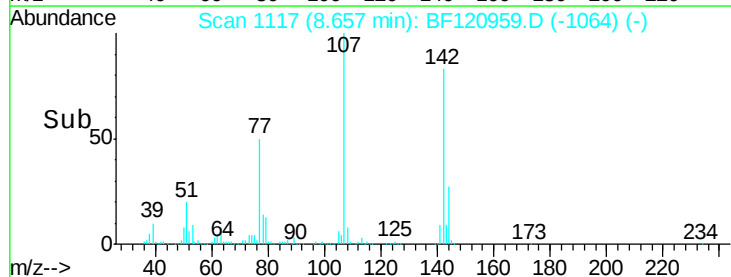
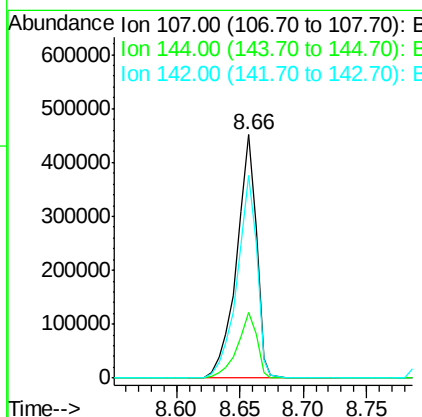
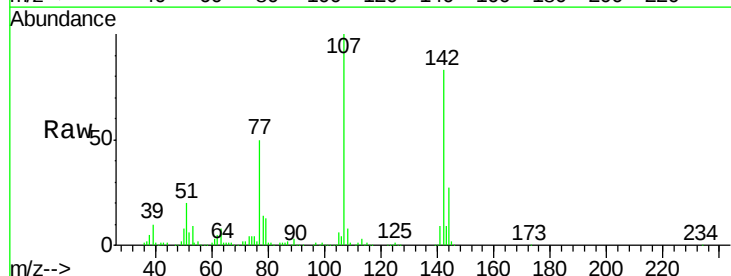
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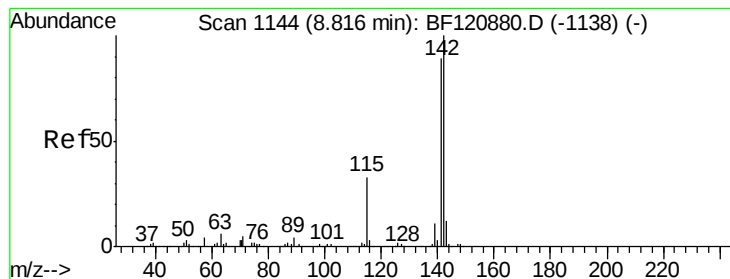
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#36
 4-Chloro-3-methylphenol
 Concen: 43.385 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.0	31.6
142	83.4	65.0	97.6





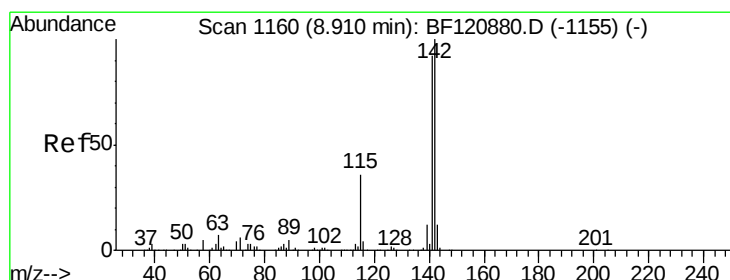
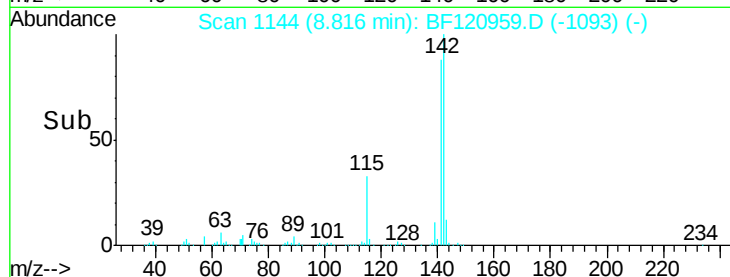
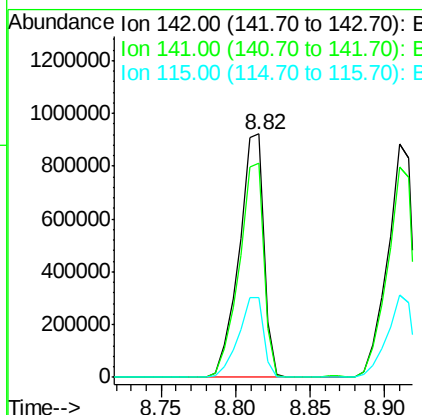
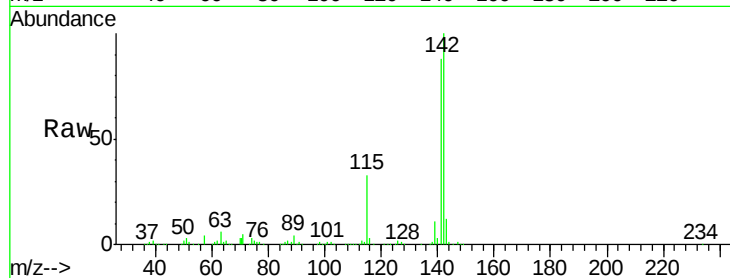
#37
2-Methylnaphthalene
Concen: 42.932 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.0	106.4
115	32.9	26.0	39.0

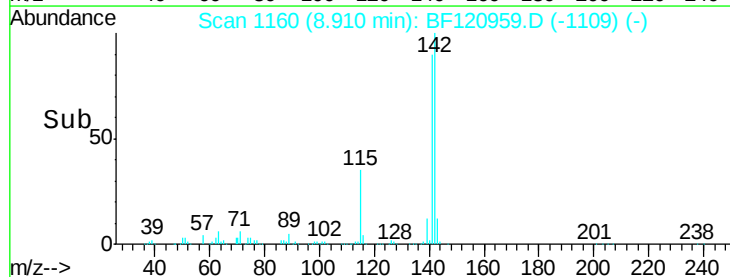
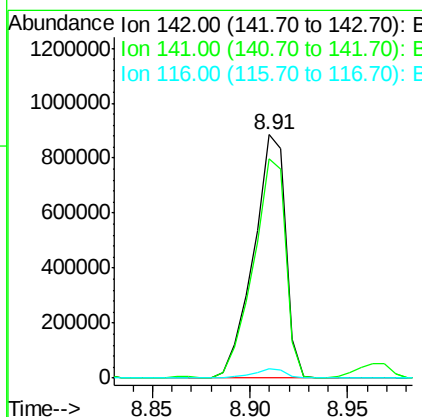
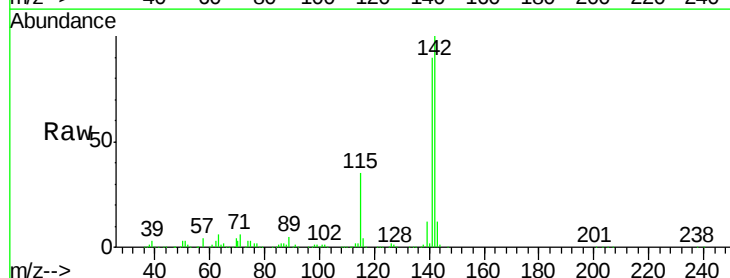
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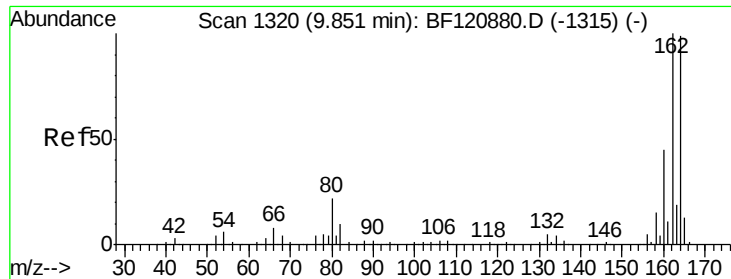
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#38
1-Methylnaphthalene
Concen: 42.679 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.7	110.5
116	3.8	3.0	4.6





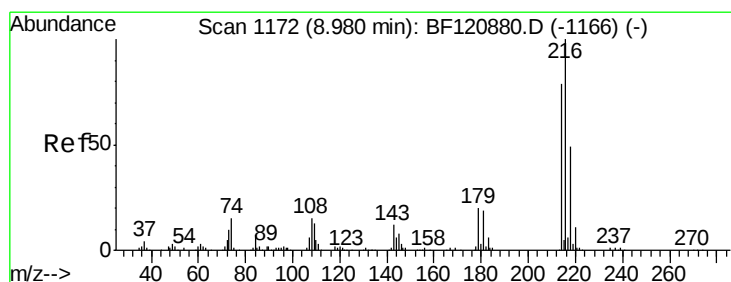
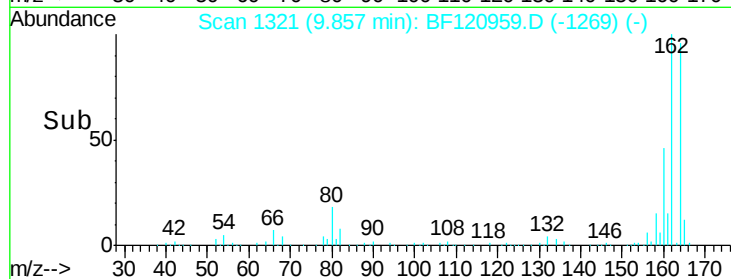
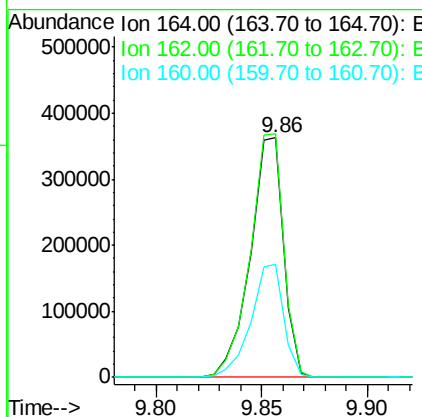
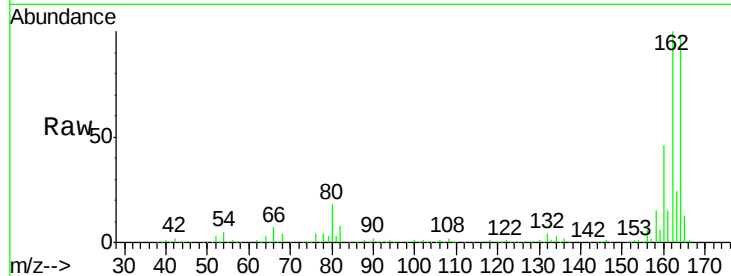
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.2	121.8
160	47.0	36.9	55.3

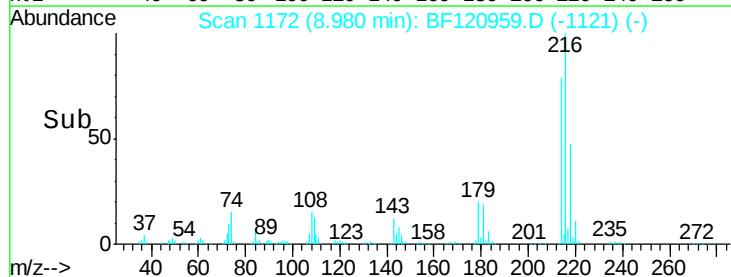
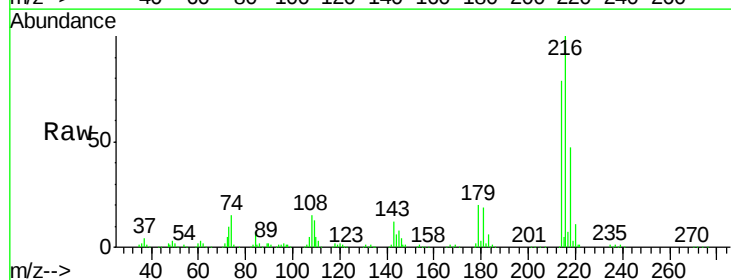
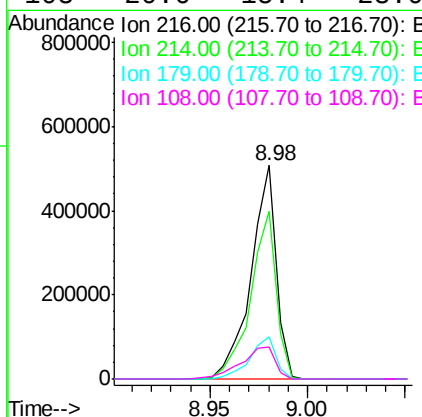
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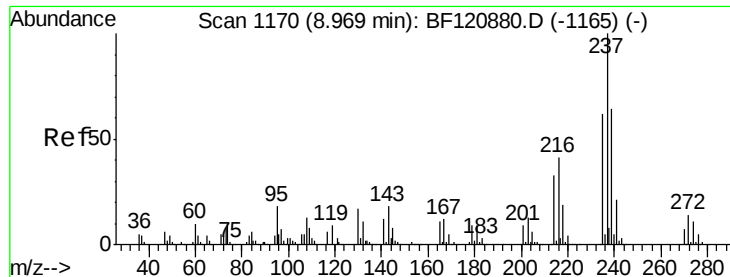
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.054 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	20.6	16.6	24.8
108	20.6	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 79.351 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

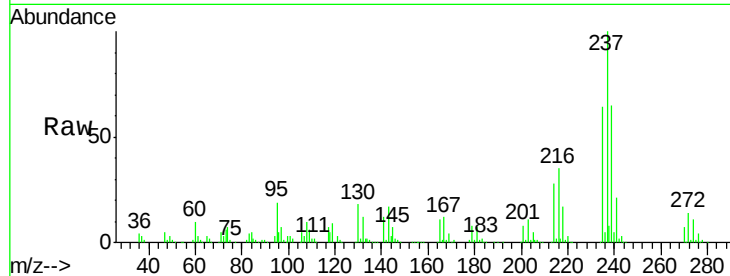
ClientSampleId :

SAMPLE-1BMS

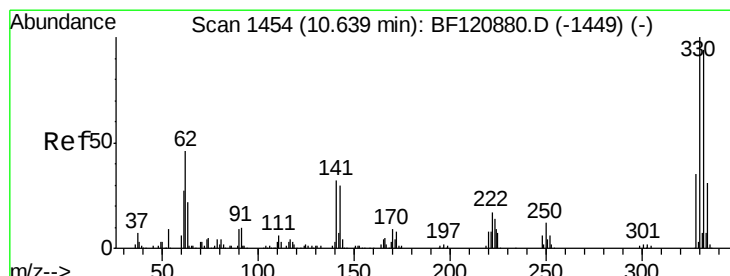
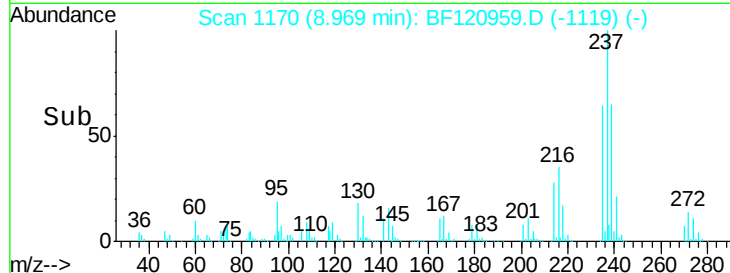
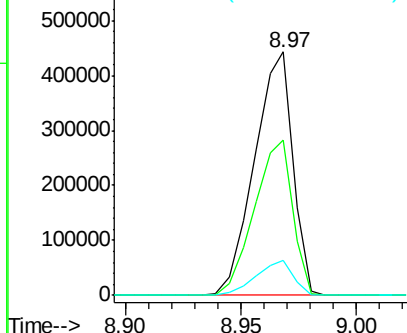
Tot Ion:	237	Resp:	511437
Ion Ratio	Lower	Upper	
237	100		
235	63.7	41.6	81.6
272	14.4	0.0	33.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.913 ng

RT: 10.64 min Scan# 1455

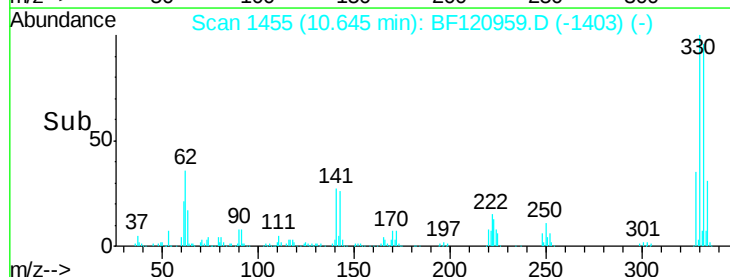
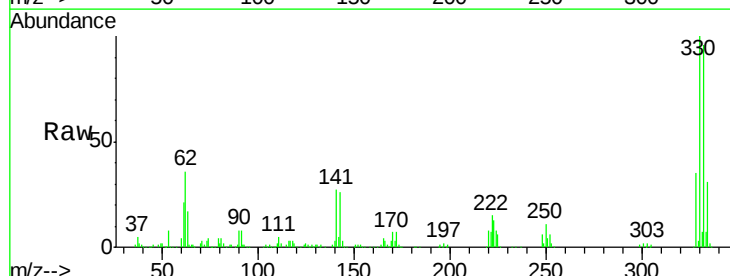
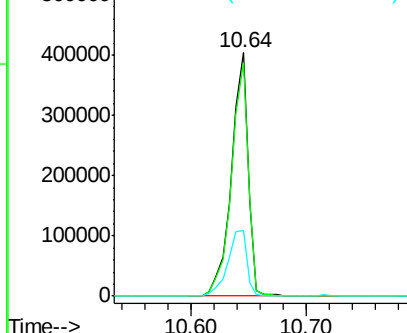
Delta R.T. 0.01 min

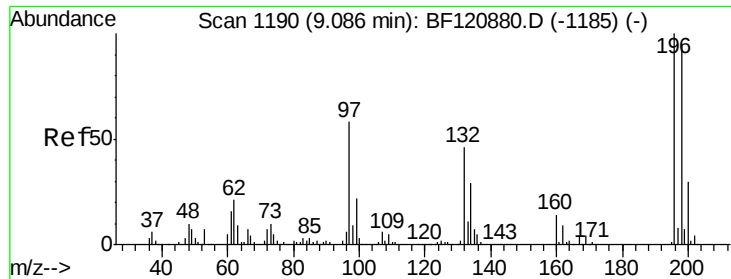
Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Tgt Ion:	330	Resp:	407071
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.5	113.3
141	30.6	25.7	38.5

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





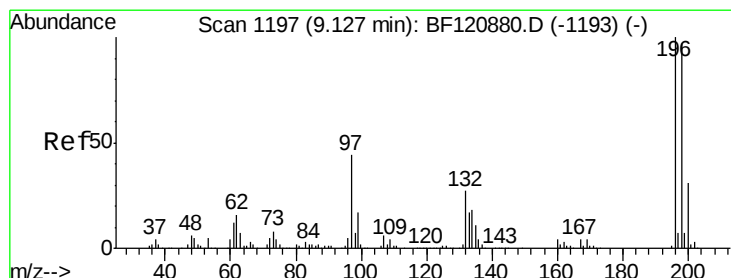
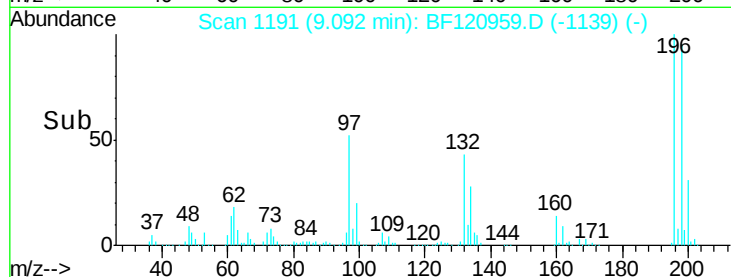
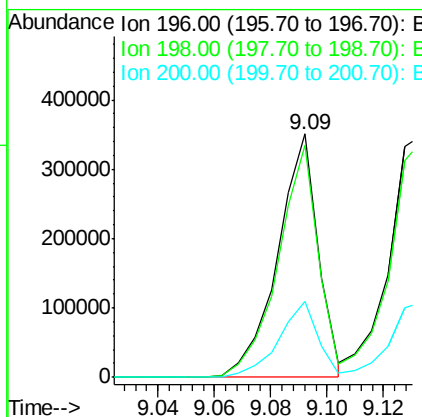
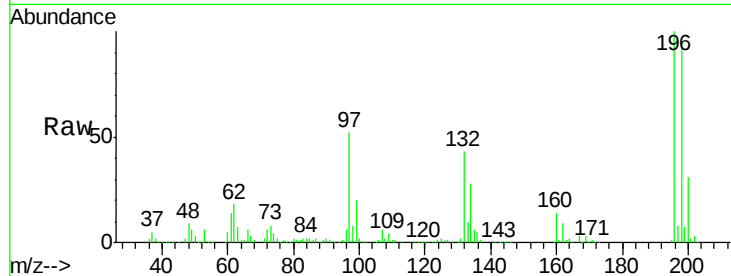
#43
 2,4,6-Trichlorophenol
 Concen: 42.327 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	347548		
198	95.4	75.7	113.5	
200	31.0	24.4	36.6	

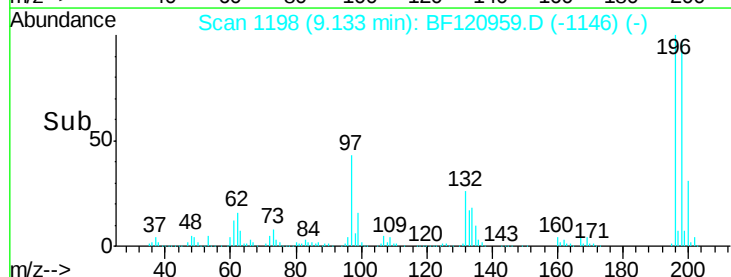
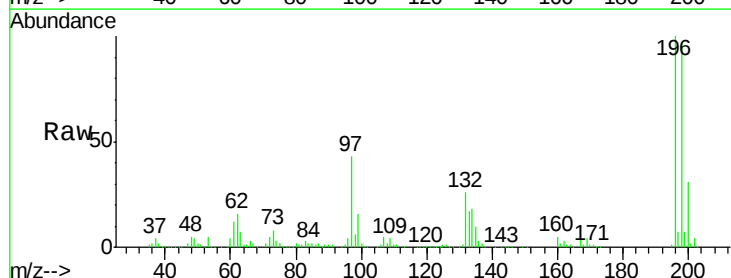
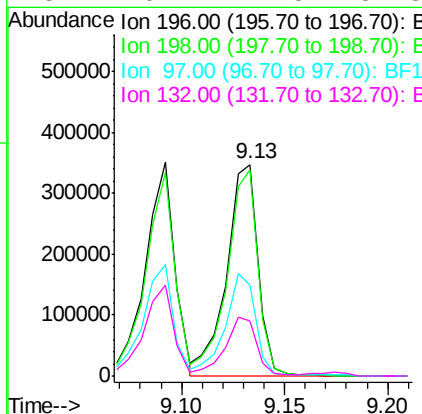
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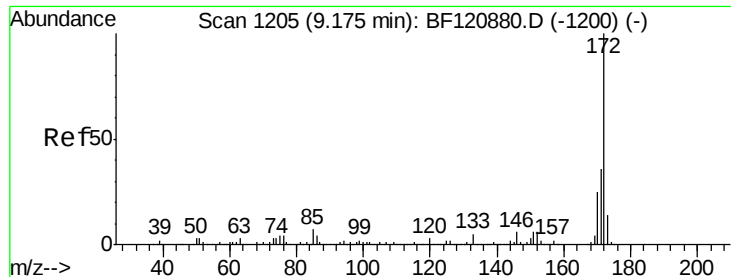
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#44
 2,4,5-Trichlorophenol
 Concen: 39.757 ng m
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	370299		
198	97.4	77.6	116.4	
97	43.1	35.6	53.4	
132	26.1	21.5	32.3	





#45

2-Fluorobiphenyl

Concen: 59.474 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:172 Resp: 1594378

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

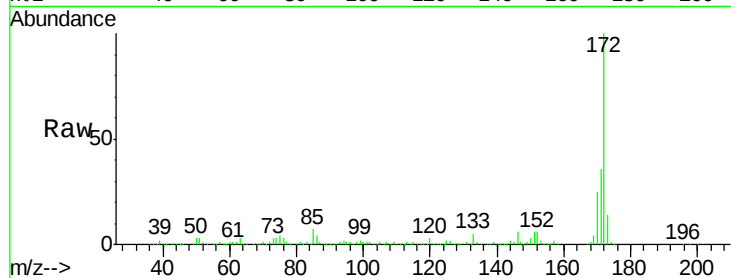
170 24.7 19.6 29.4

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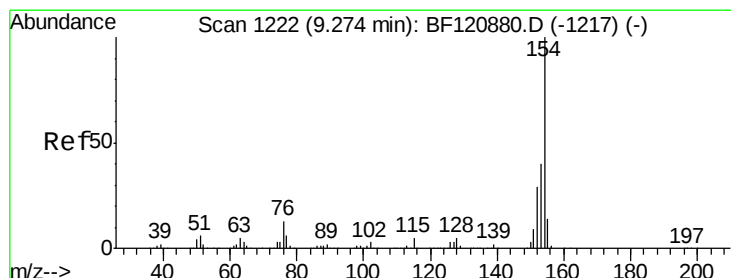
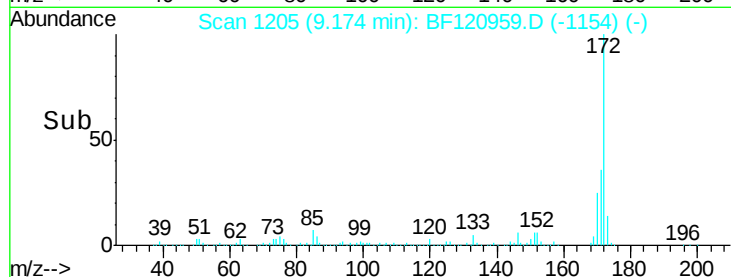
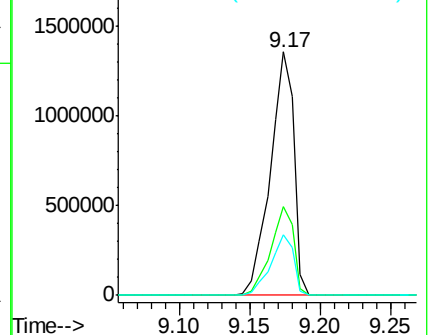
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.169 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

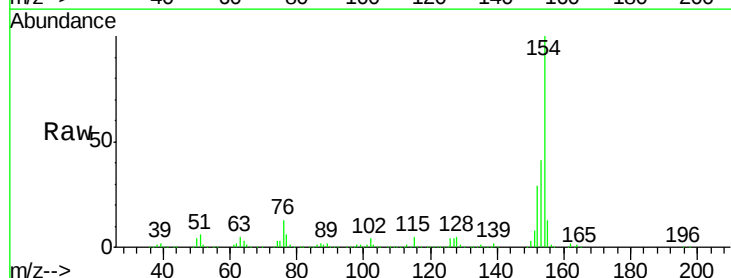
Tgt Ion:154 Resp: 1256951

Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

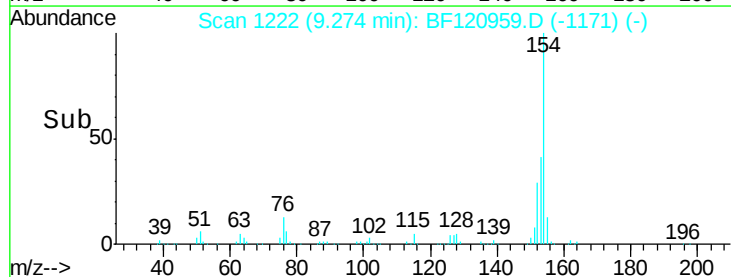
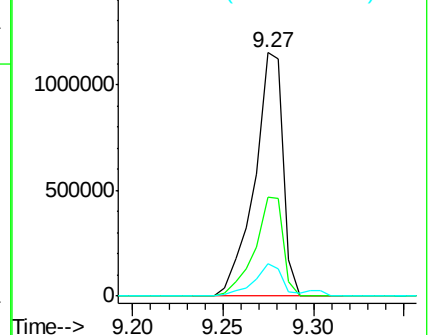
76 13.2 0.0 33.1

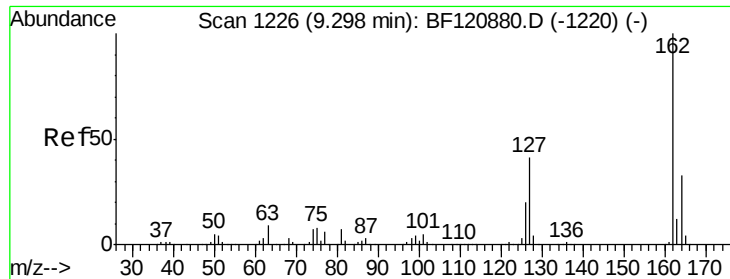


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





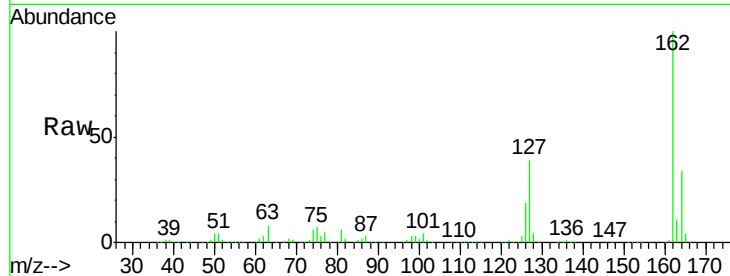
#47
2-Chloronaphthalene
Concen: 39.400 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

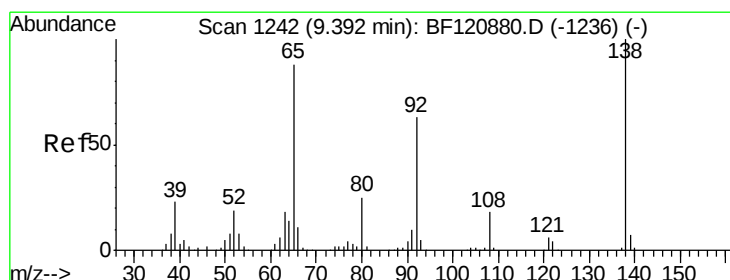
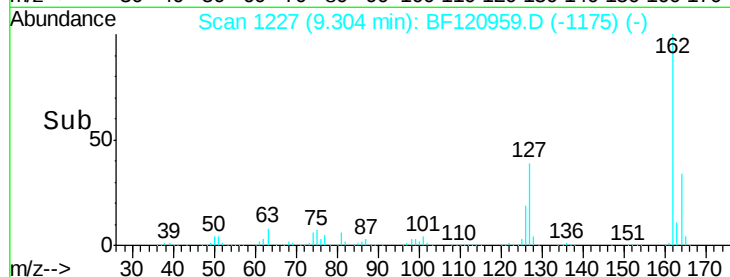
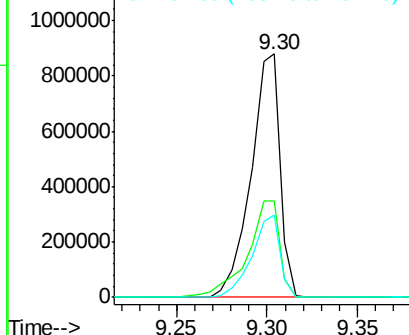
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.4	33.3	49.9
164	34.0	26.6	39.8

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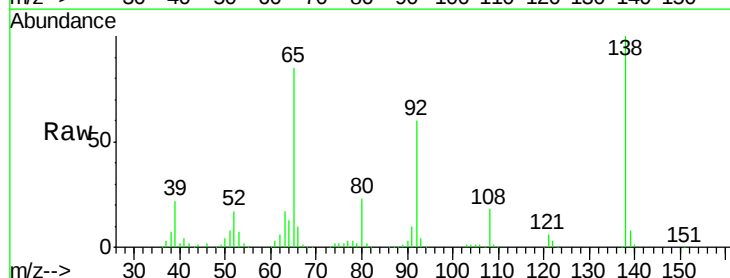


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

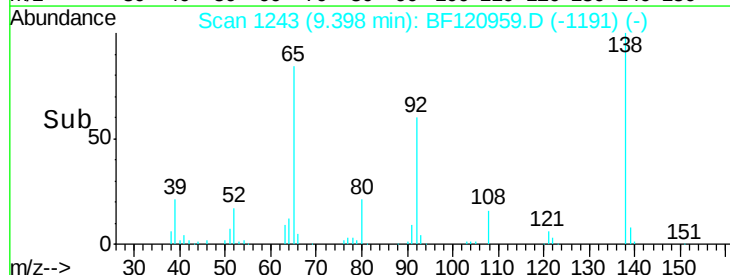
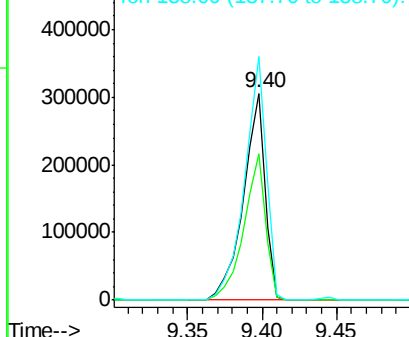


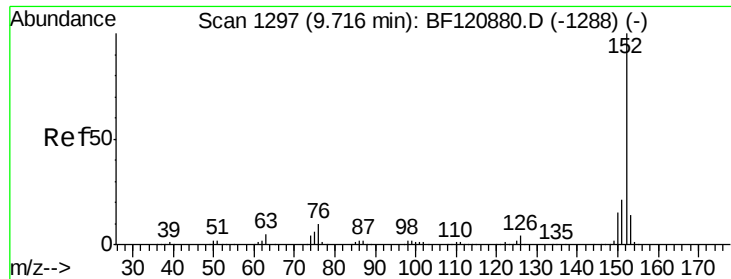
#48
2-Nitroaniline
Concen: 41.222 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.0	57.0	85.4
138	117.8	90.4	135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.124 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:152 Resp: 1590299

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

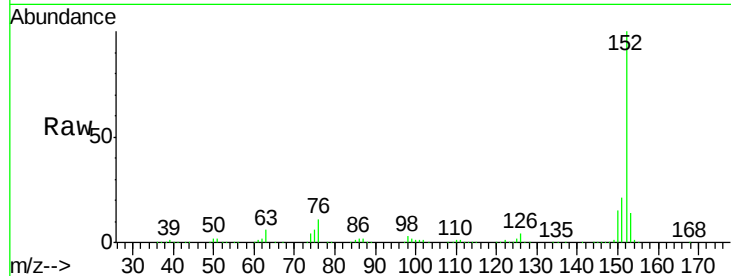
153 13.9 10.9 16.3

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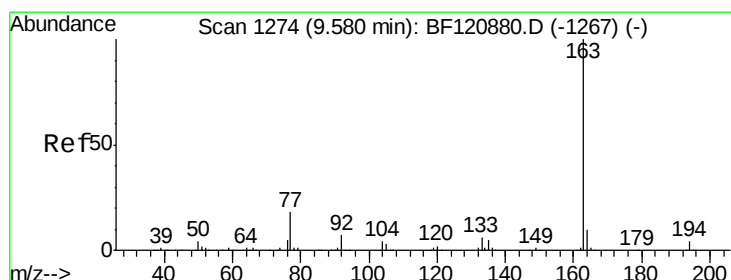
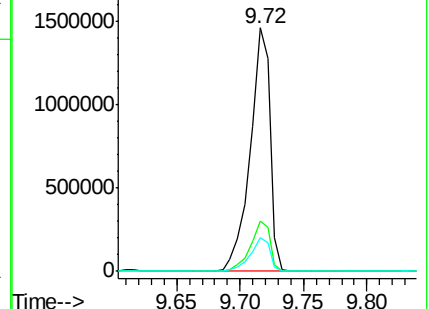
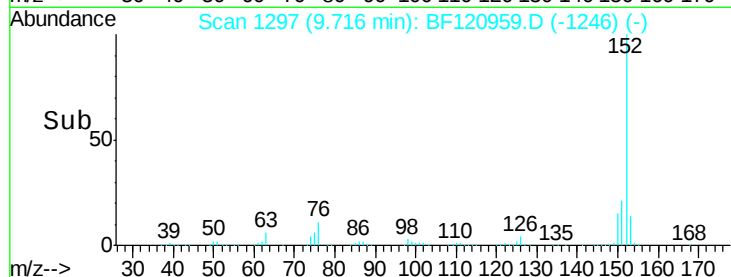
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.411 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

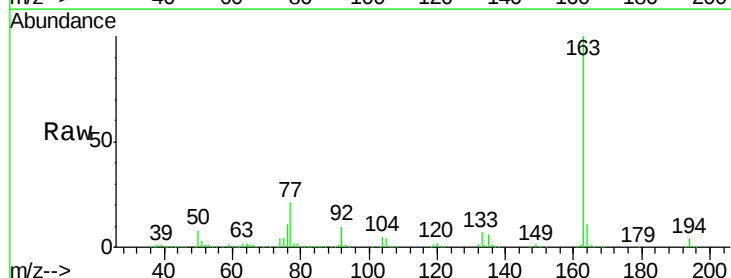
Tgt Ion:163 Resp: 1397918

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

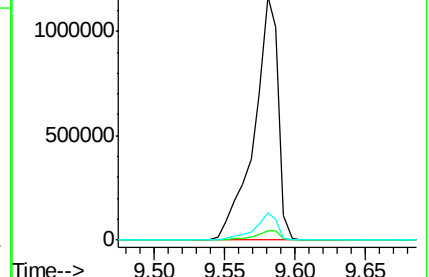
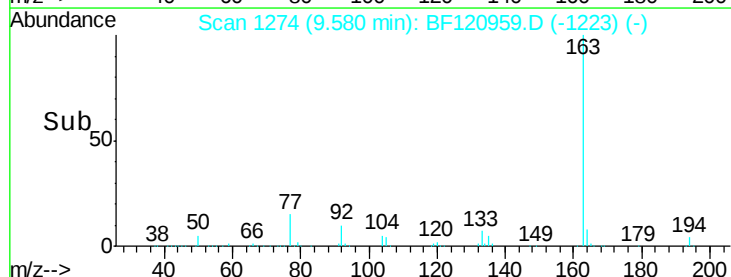
164 11.0 7.9 11.9

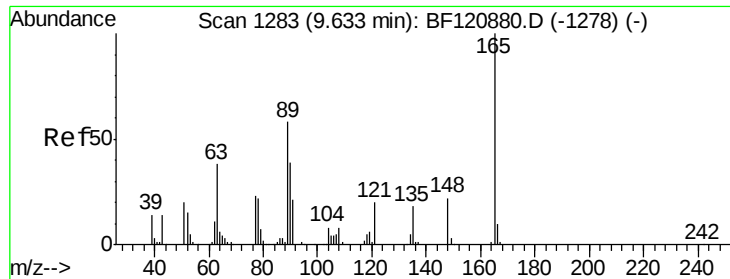


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





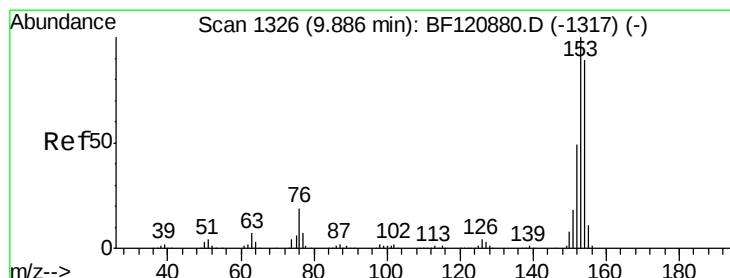
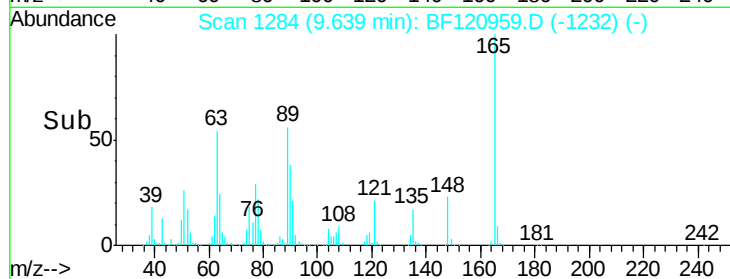
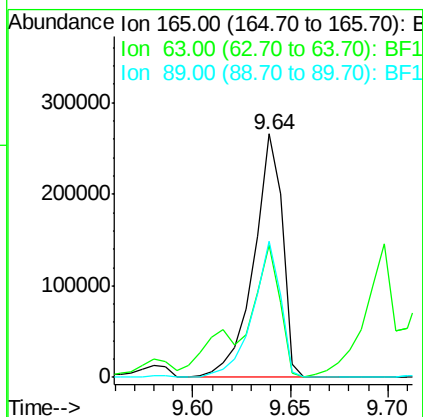
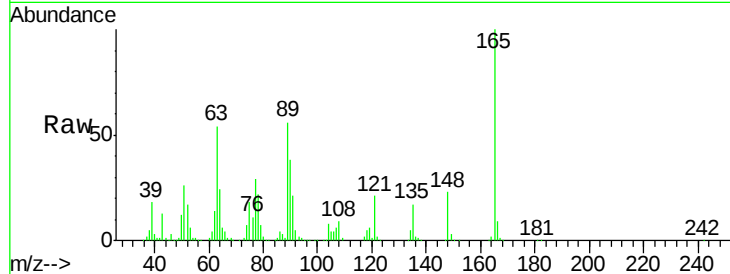
#51
2,6-Dinitrotoluene
Concen: 43.513 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	269945		
63	54.3		45.4	68.2
89	56.2		47.0	70.4

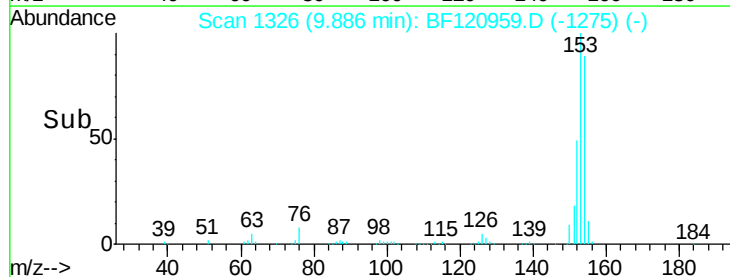
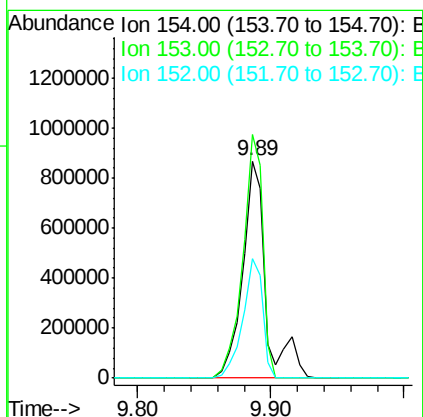
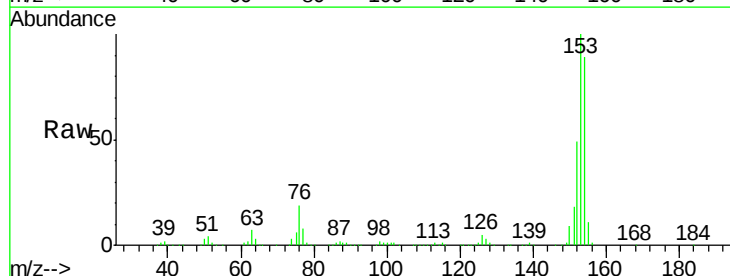
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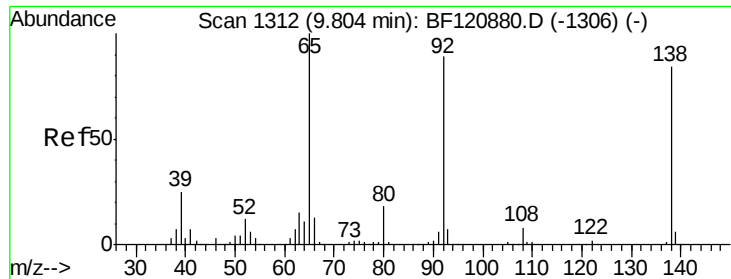
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#52
Acenaphthene
Concen: 43.574 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1071304		
153	112.1		89.5	134.3
152	55.0		44.2	66.2





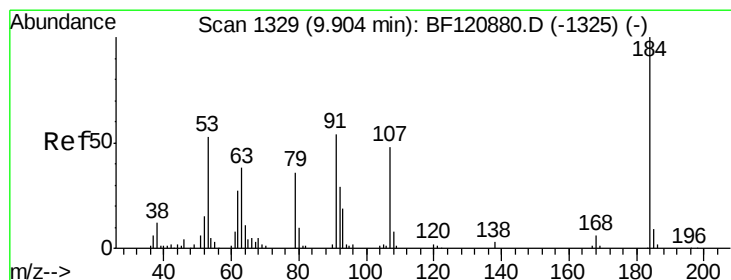
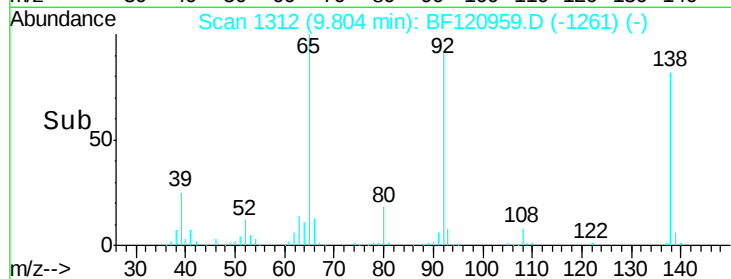
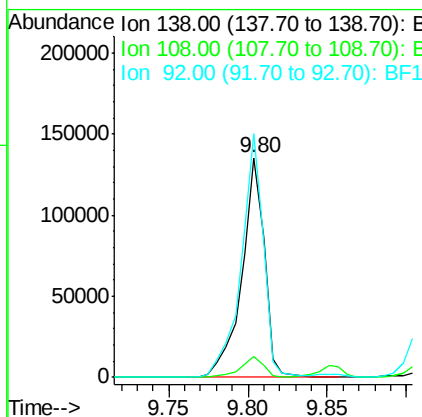
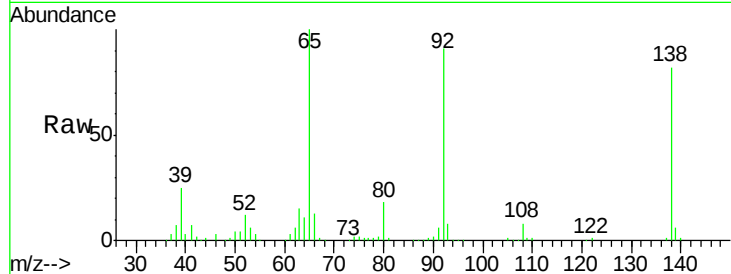
#53
 3-Nitroaniline
 Concen: 17.111 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	110.9	85.3	127.9

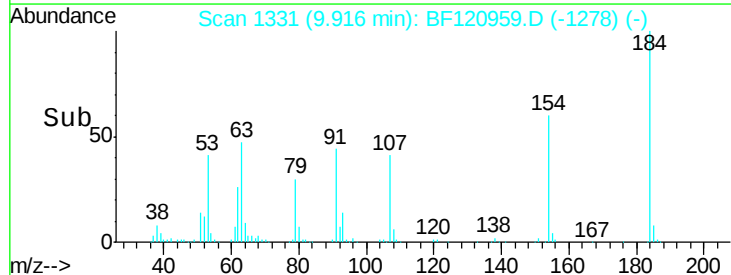
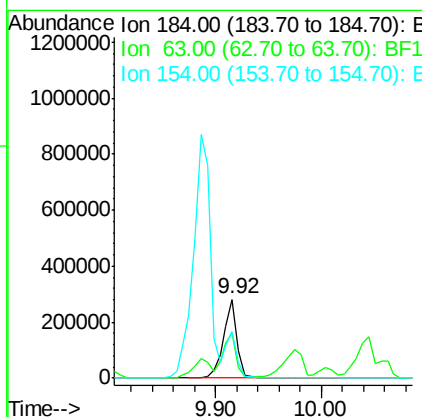
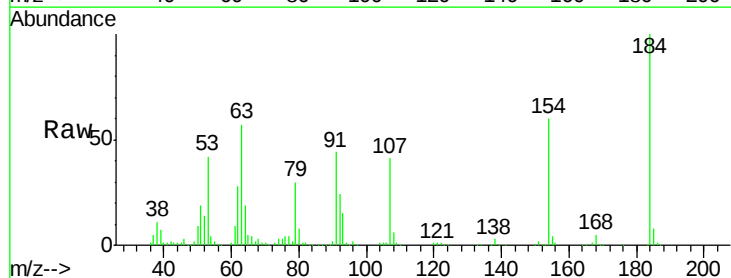
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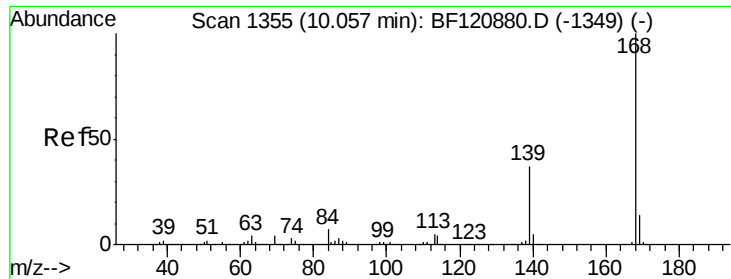
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#54
 2,4-Dinitrophenol
 Concen: 71.790 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	57.9	86.9#
154	59.6	52.6	78.8





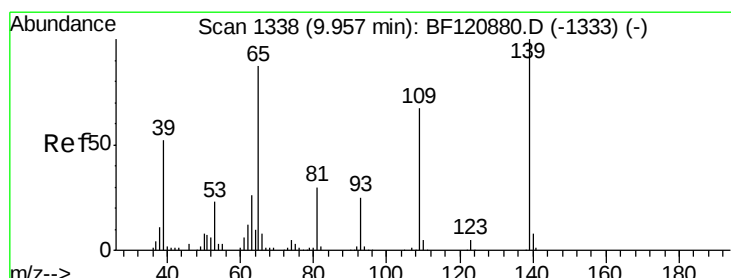
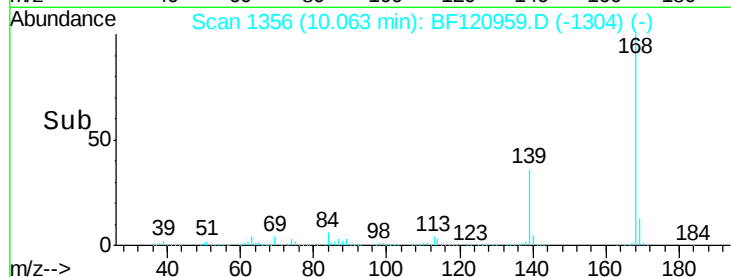
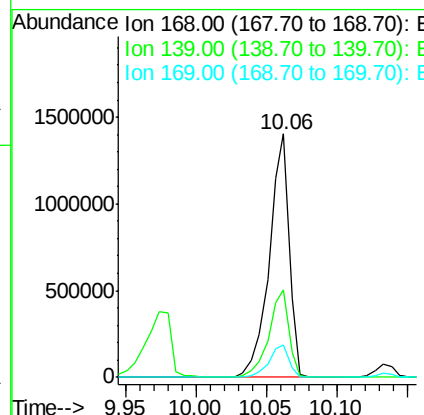
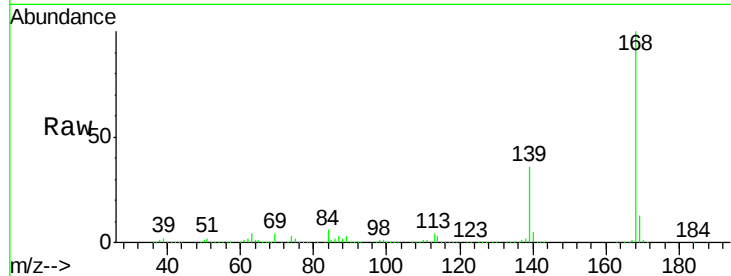
#55
Dibenzofuran
Concen: 39.286 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.7	44.5
169	13.4	11.1	16.7

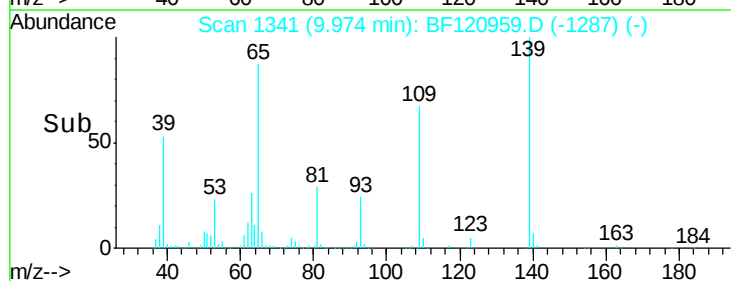
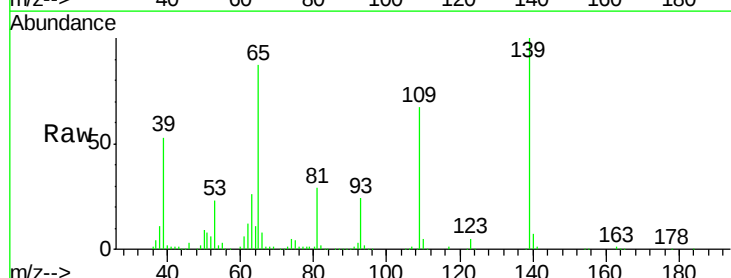
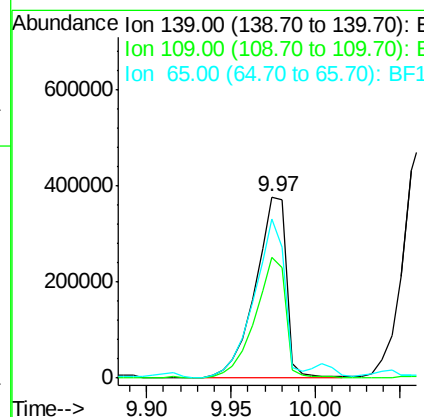
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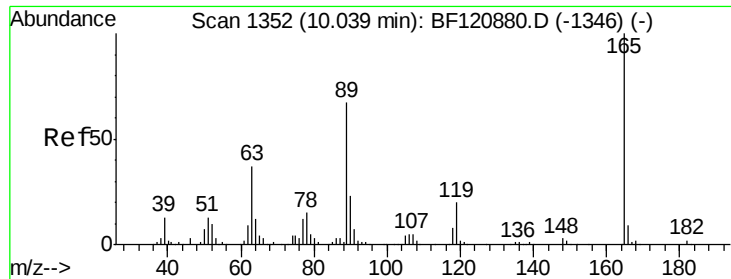
Sohil
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#56
4-Nitrophenol
Concen: 82.396 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	47.3	87.3
65	87.4	67.2	107.2





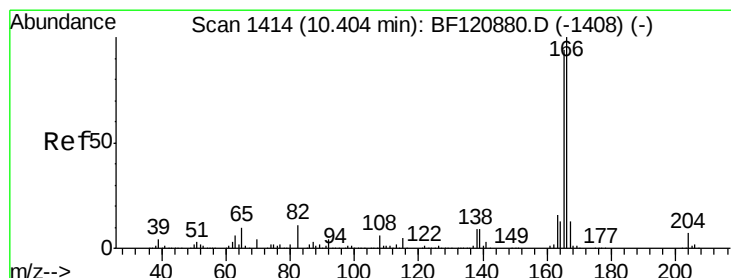
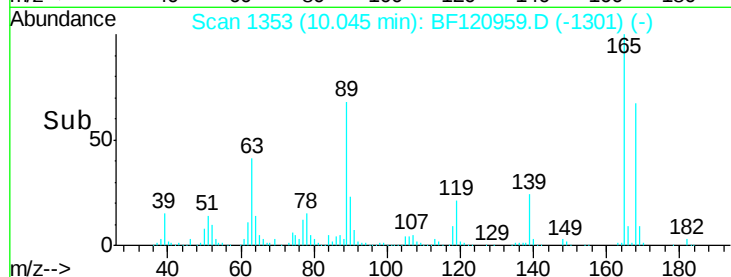
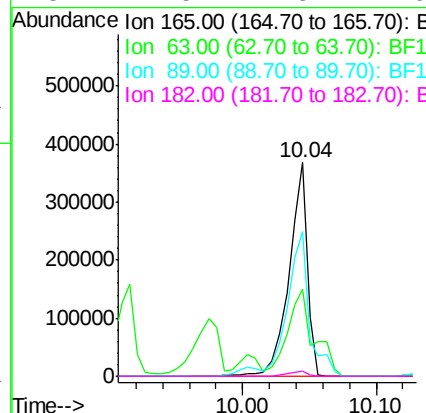
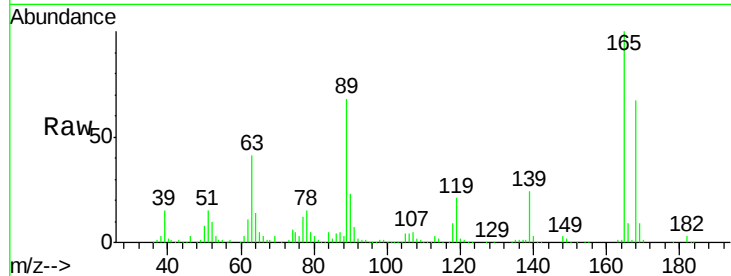
#57
2,4-Dinitrotoluene
Concen: 43.751 ng
RT: 10.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.8	29.4	44.2	
89	68.0	53.4	80.0	
182	2.5	1.8	2.6	

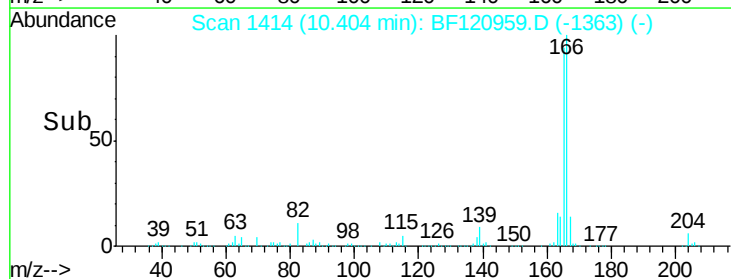
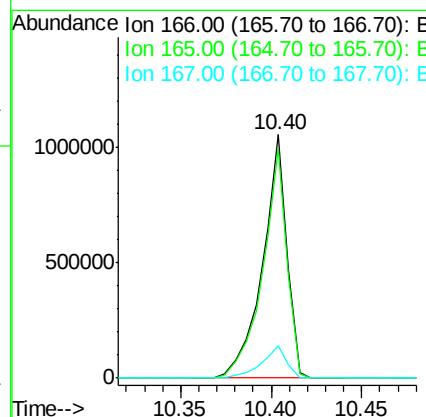
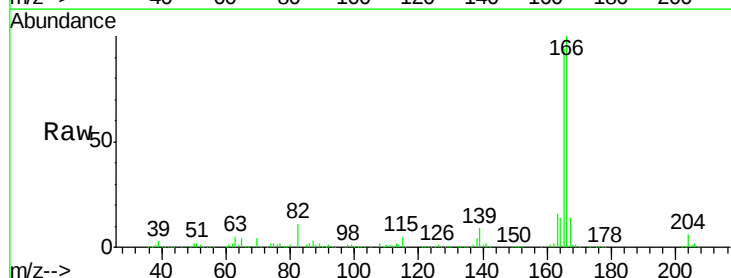
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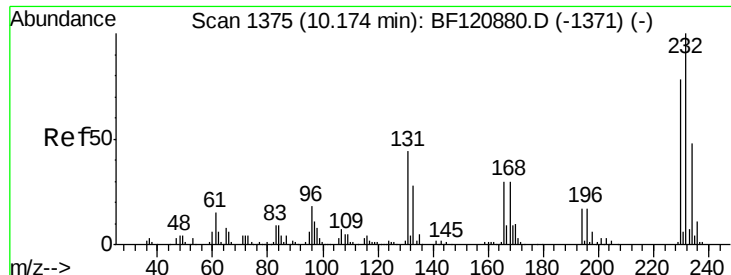
Sohil
7/24/2020 12:09:45 PM



#58
Fluorene
Concen: 36.959 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.2	75.4	113.0	
167	13.6	10.6	15.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.868 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:232 Resp: 318181

Ion Ratio Lower Upper

232 100

131 42.8 37.1 55.7

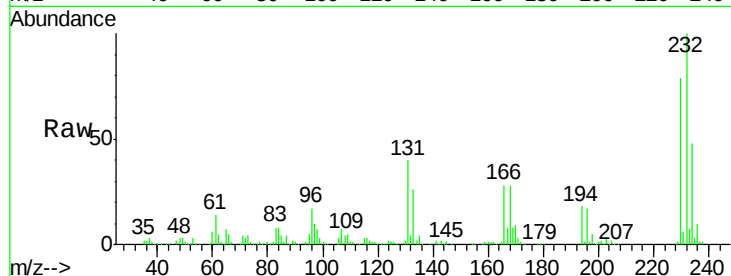
130 2.2 1.7 2.5

166 29.7 24.2 36.4

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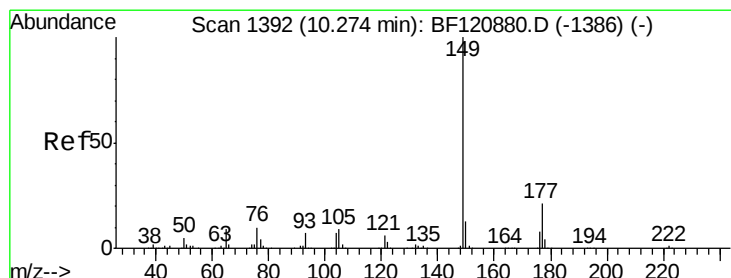
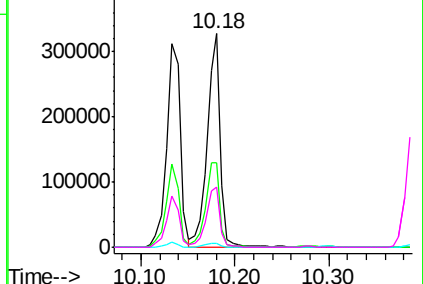
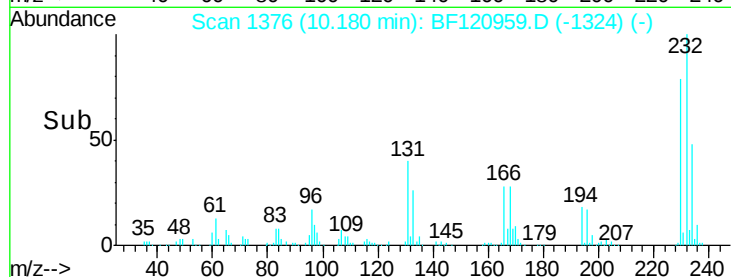


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.722 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

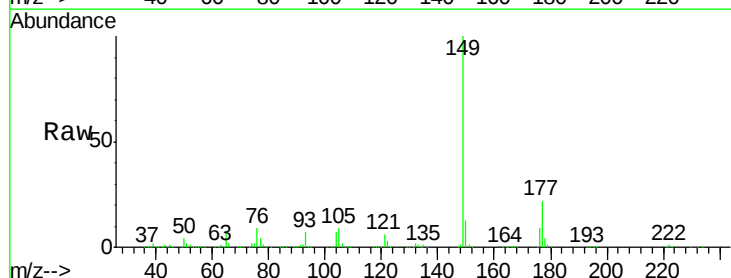
Tgt Ion:149 Resp: 1189384

Ion Ratio Lower Upper

149 100

177 21.9 17.1 25.7

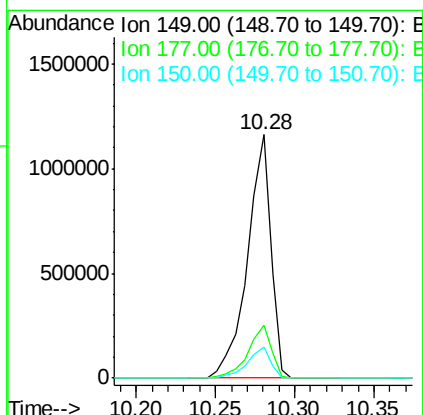
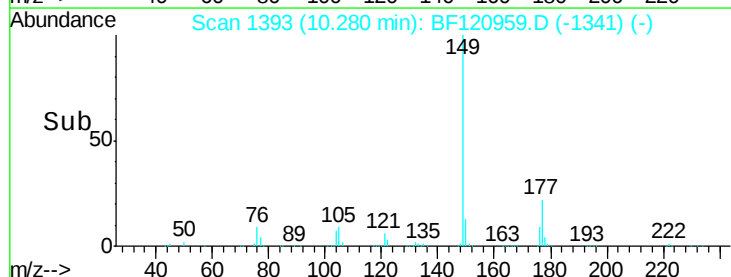
150 12.8 10.3 15.5

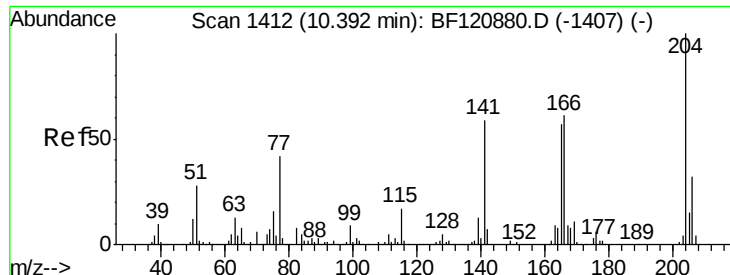


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





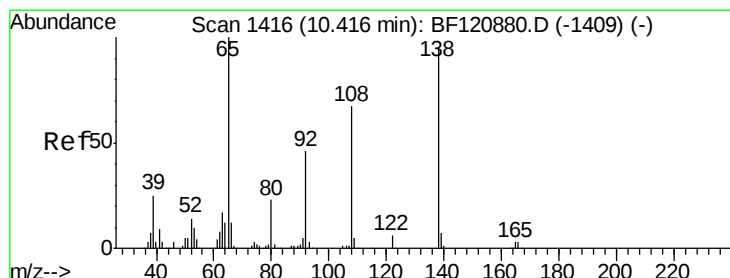
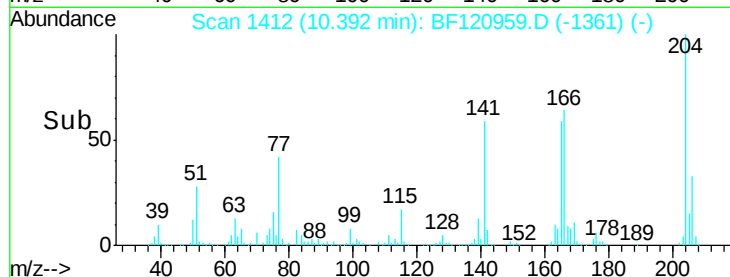
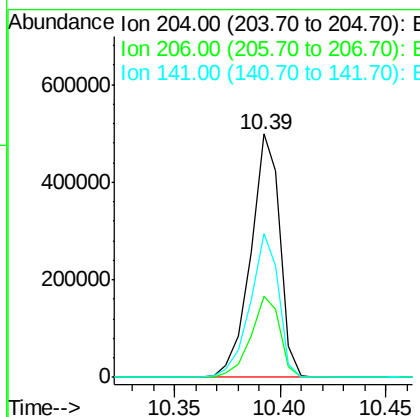
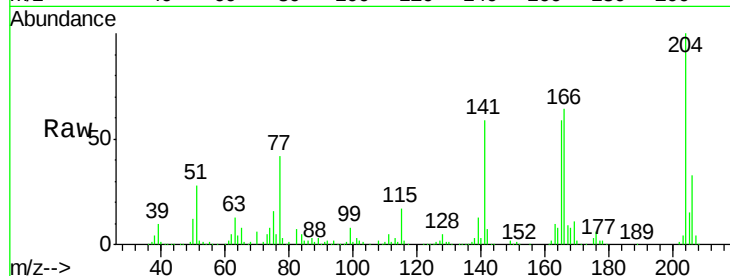
#61
 4-Chlorophenyl-phenylether
 Concen: 33.980 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	58.9	47.2	70.8

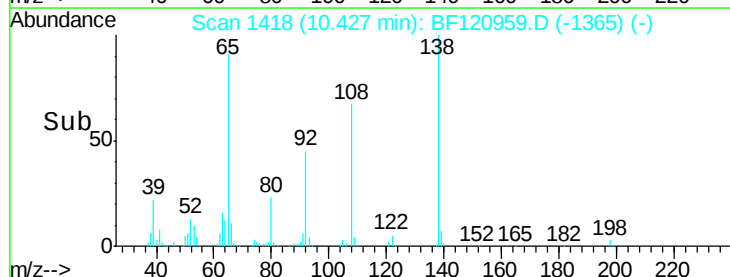
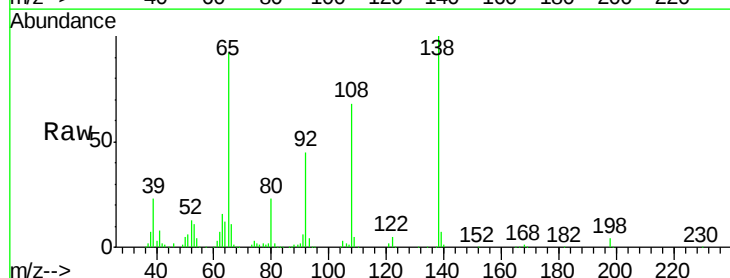
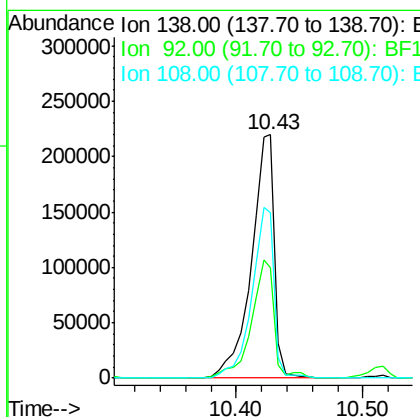
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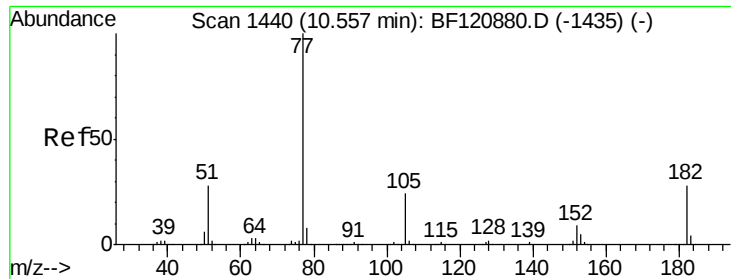
Sohil
 7/24/2020 12:09:45 PM



#62
 4-Nitroaniline
 Concen: 37.073 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.3	28.6	68.6
108	67.8	51.1	91.1





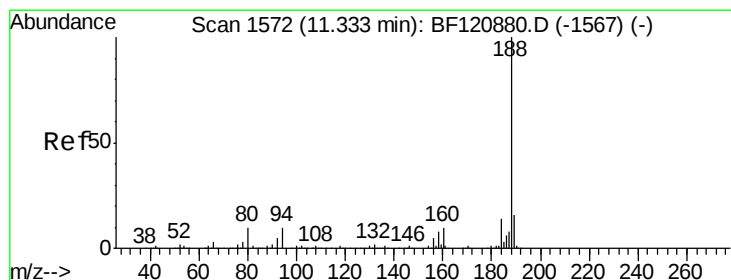
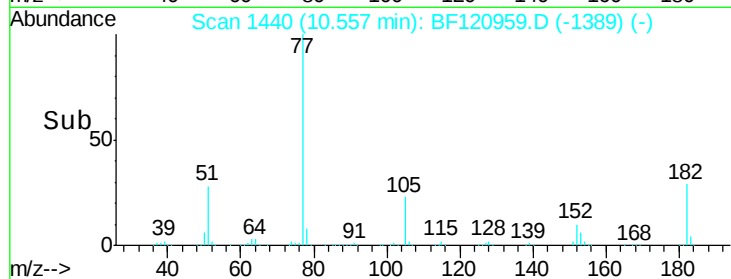
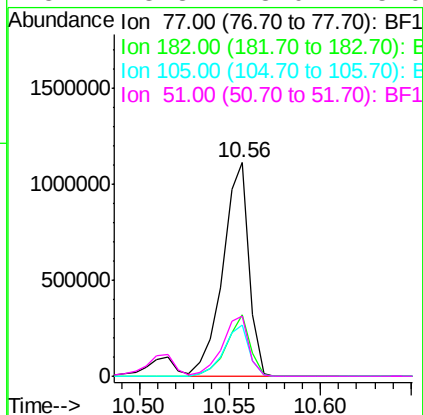
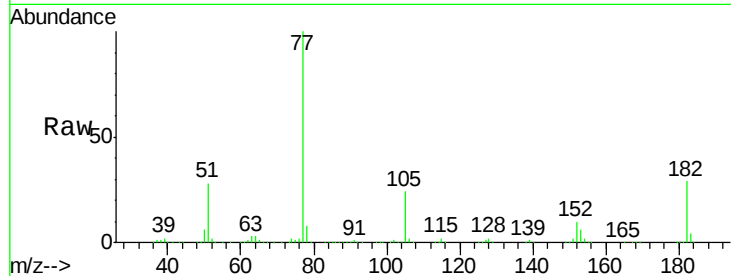
#63
Azobenzene
Concen: 39.842 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion: 77 Resp: 1107836
Ion Ratio Lower Upper
77 100
182 28.6 7.8 47.8
105 24.0 4.4 44.4
51 28.3 8.0 48.0

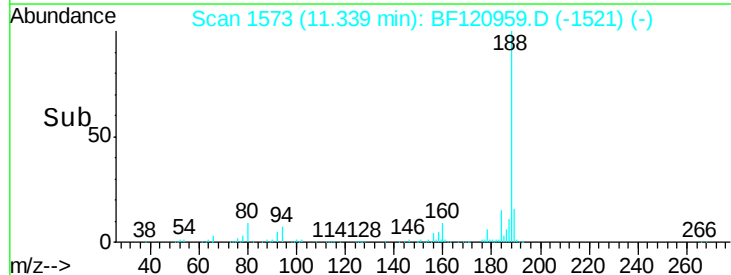
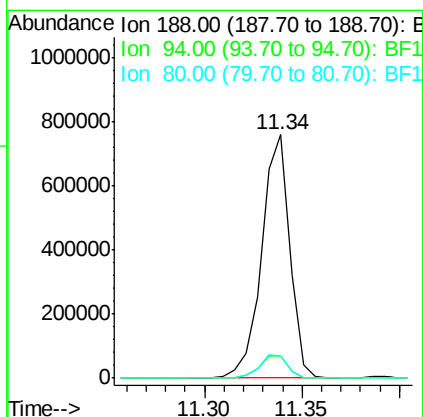
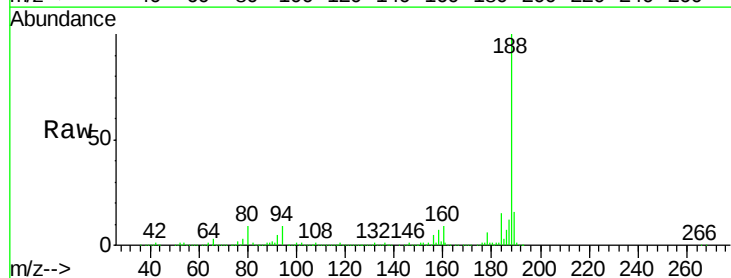
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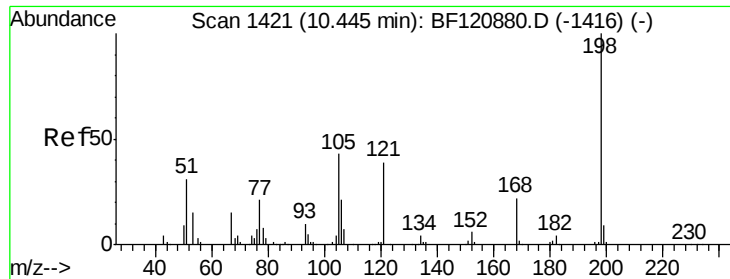
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion: 188 Resp: 756634
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.3 8.3 12.5





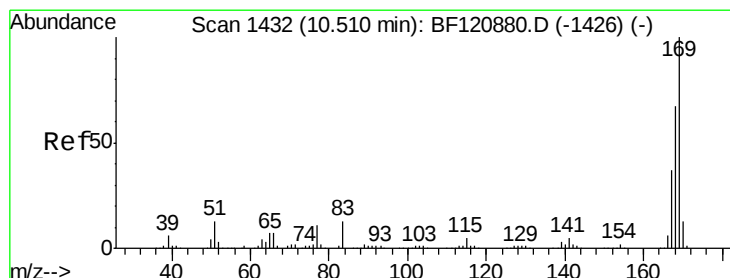
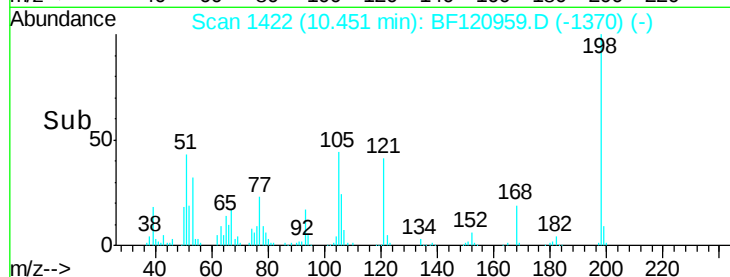
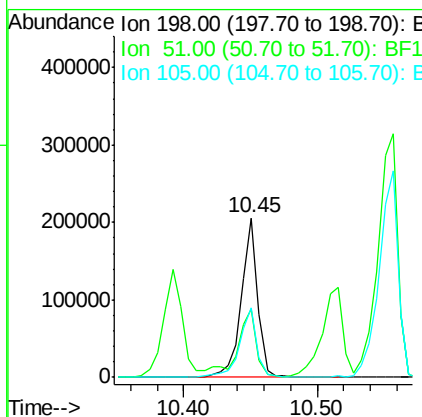
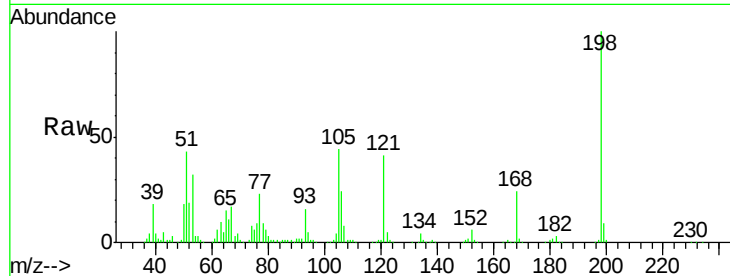
#65
4,6-Dinitro-2-methylphenol
Concen: 41.164 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.7	19.5	59.5
105	43.9	24.4	64.4

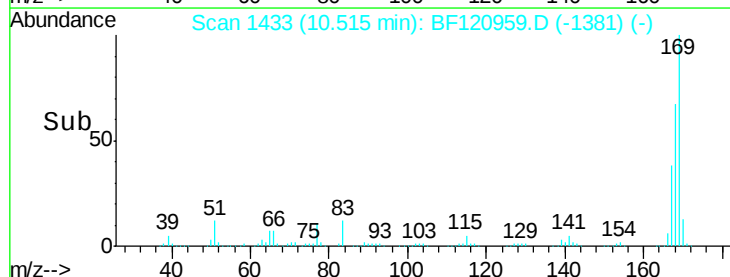
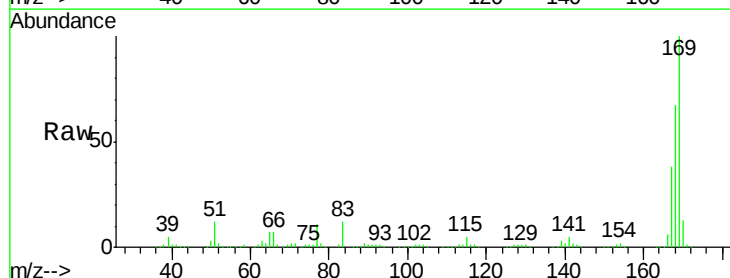
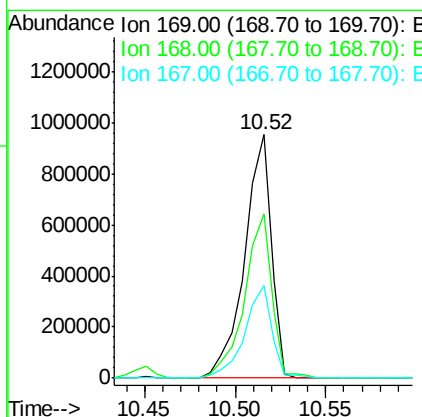
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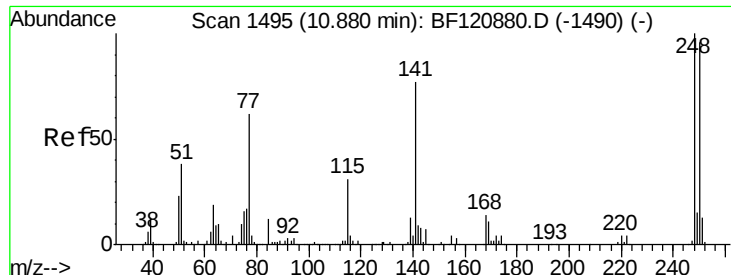
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.307 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.4	80.0
167	37.8	29.4	44.0





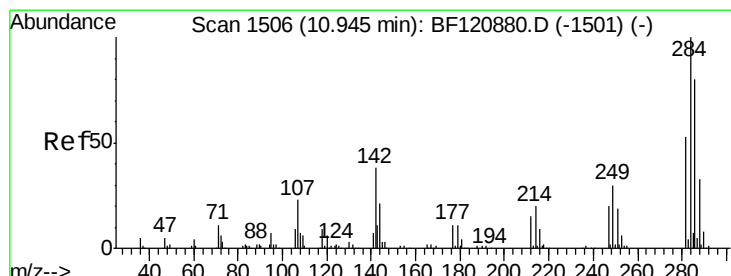
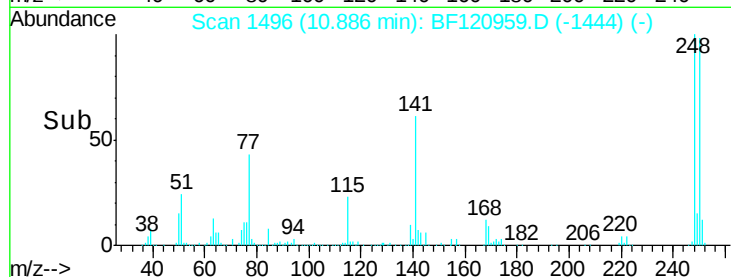
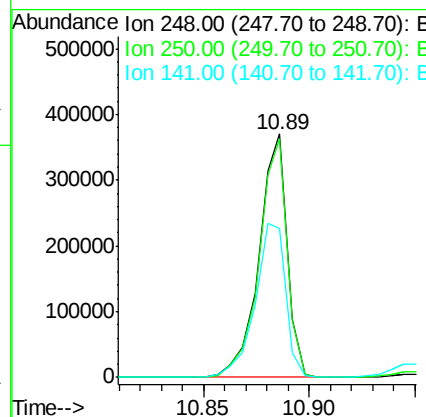
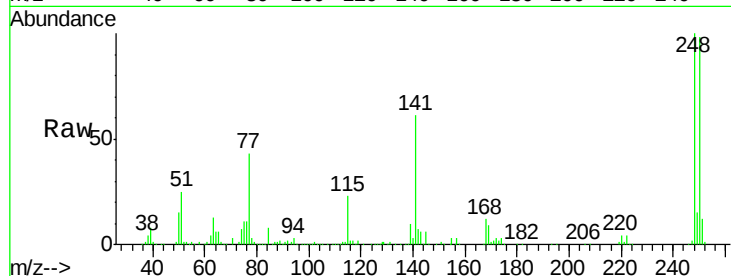
#67
 4-Bromophenyl-phenylether
 Concen: 40.668 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.1	115.7
141	61.3	61.2	91.8

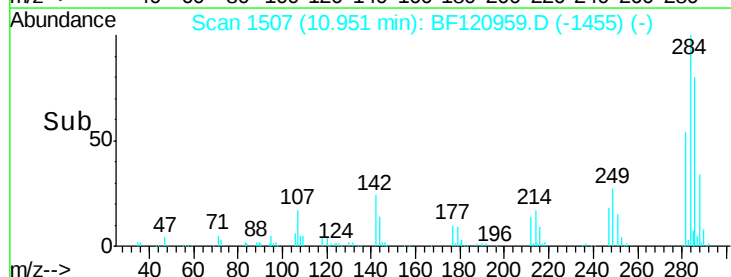
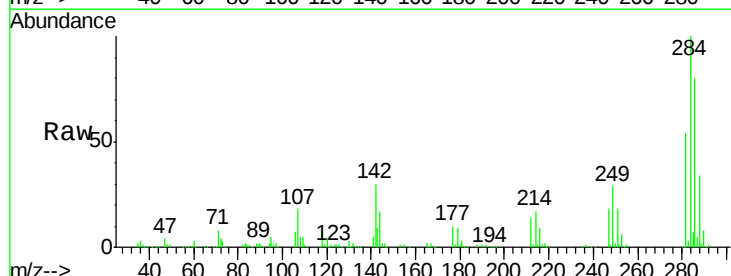
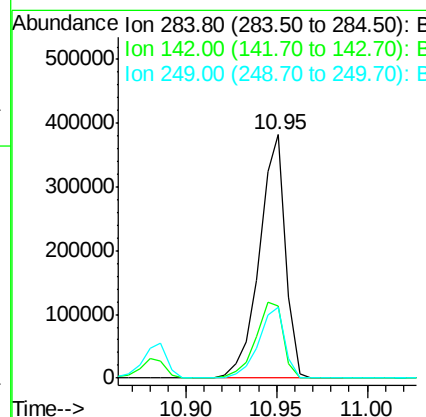
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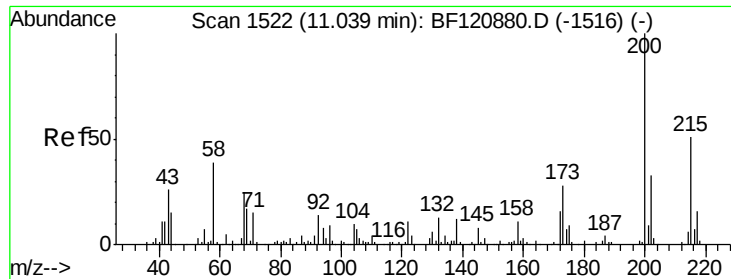
Sohil
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#68
 Hexachlorobenzene
 Concen: 41.651 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	30.2	45.2#
249	29.1	24.2	36.2





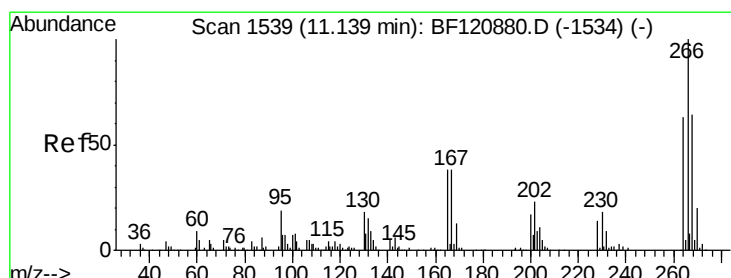
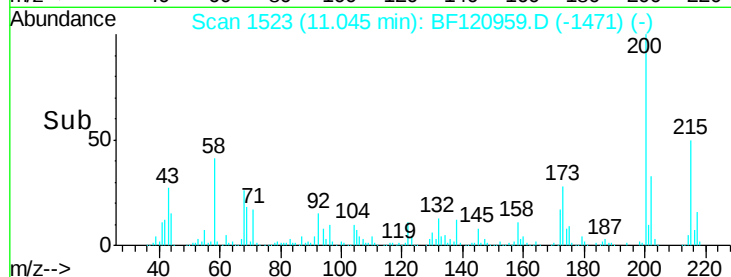
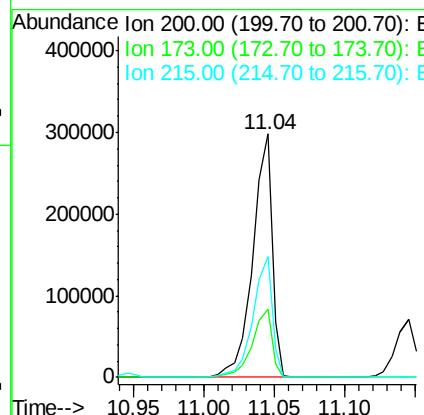
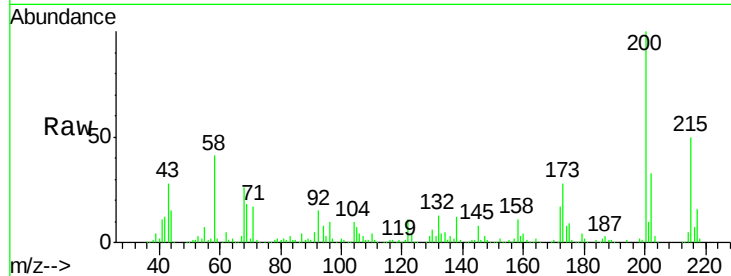
#69
 Atrazine
 Concen: 48.912 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	8.0	48.0
215	49.8	31.5	71.5

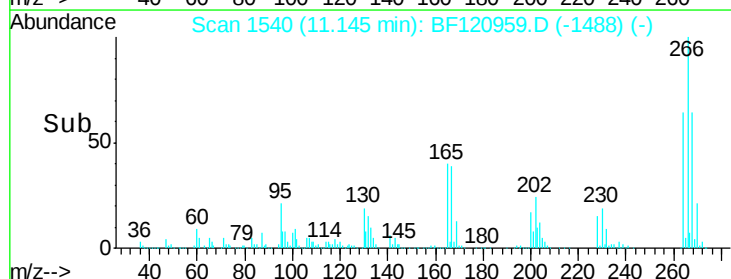
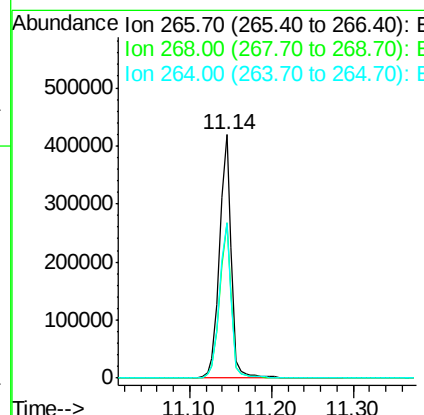
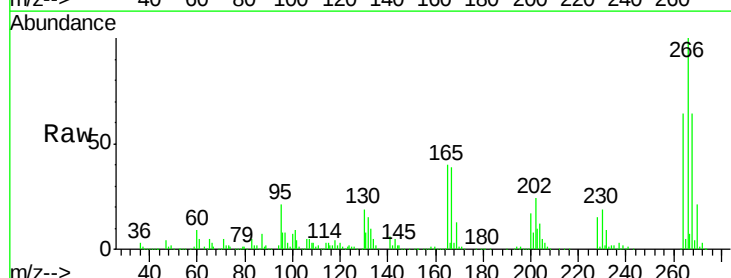
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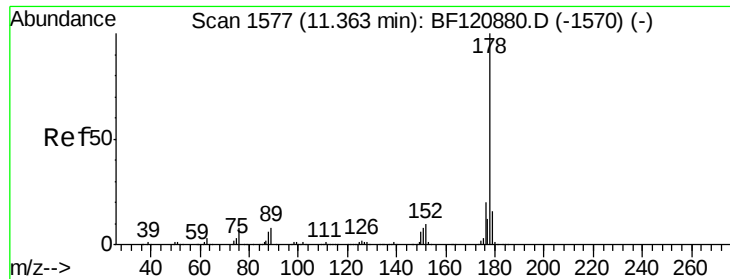
Sohil
 7/24/2020 12:09:45 PM



#70
 Pentachlorophenol
 Concen: 81.896 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.6	50.2	75.2





#71

Phenanthrene

Concen: 41.162 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:178 Resp: 1601770

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

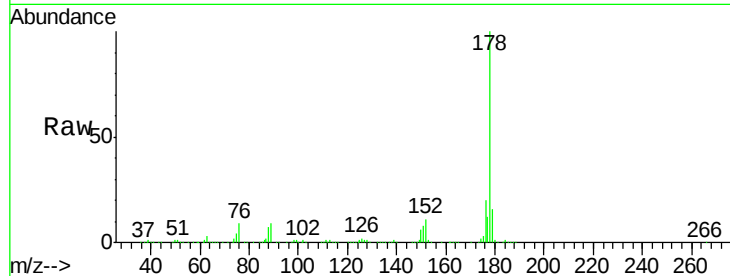
179 16.1 12.8 19.2

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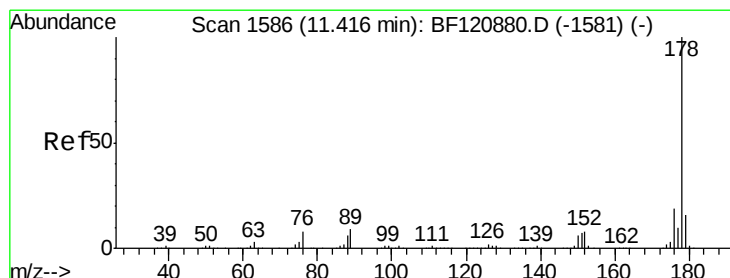
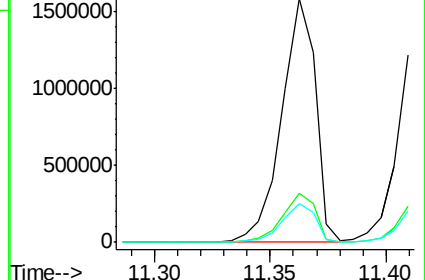
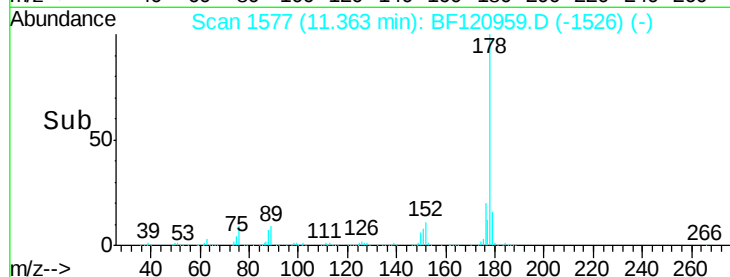
7/24/2020 12:09:45 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.348 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

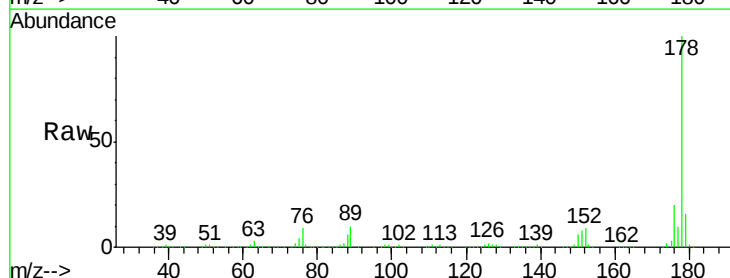
Tgt Ion:178 Resp: 1615677

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

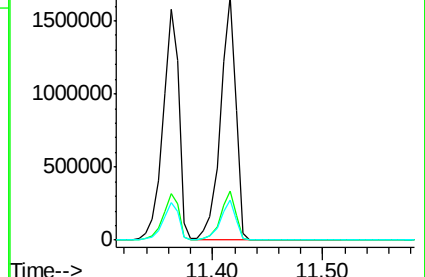
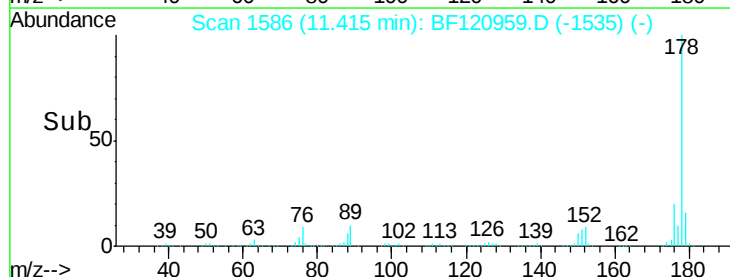
179 16.3 12.8 19.2

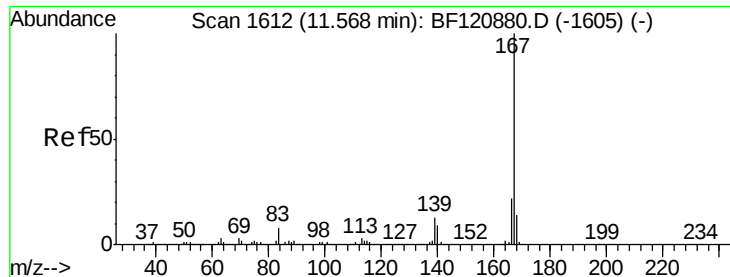


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 38.683 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

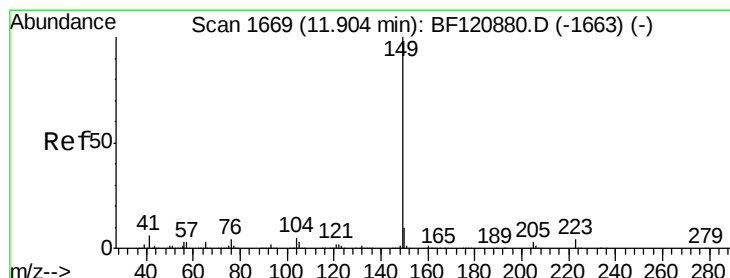
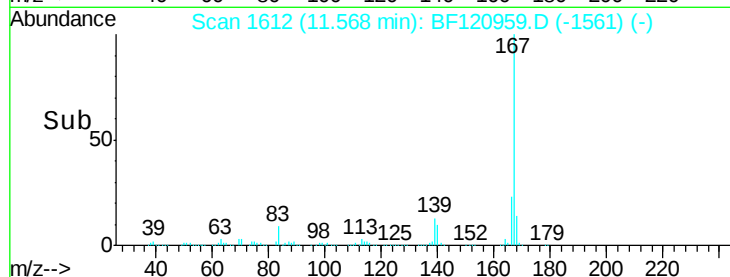
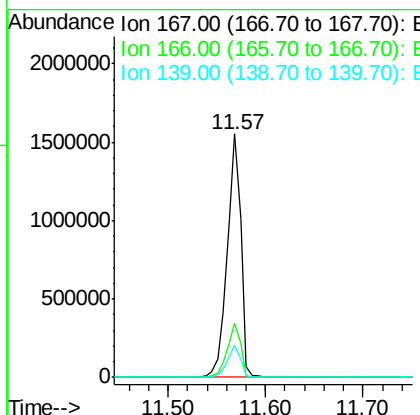
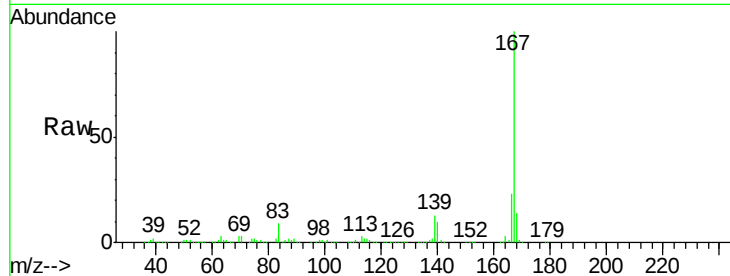
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:167 Resp: 1500077

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	13.2	10.1	15.1

Manual Integrations
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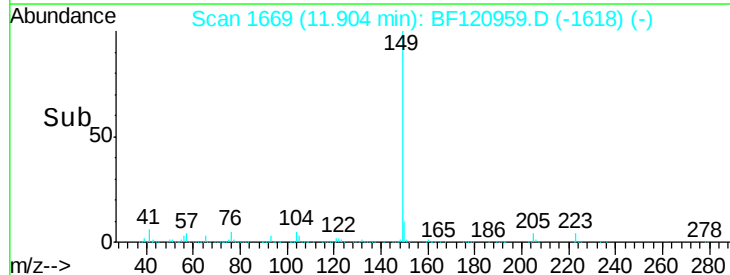
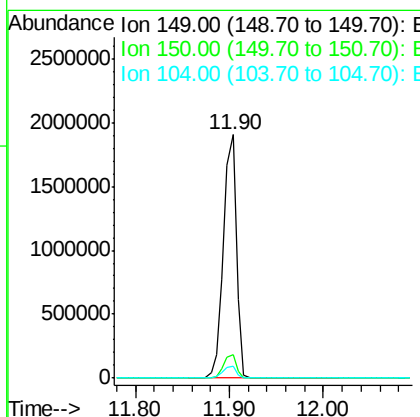
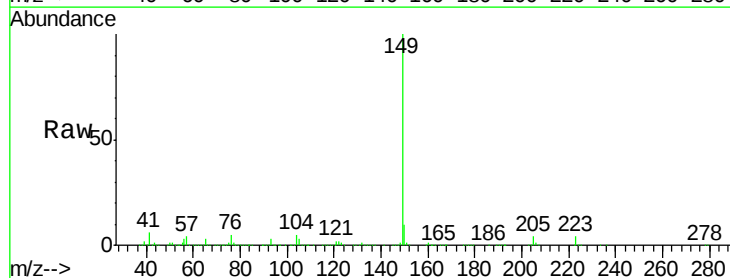
Sohil
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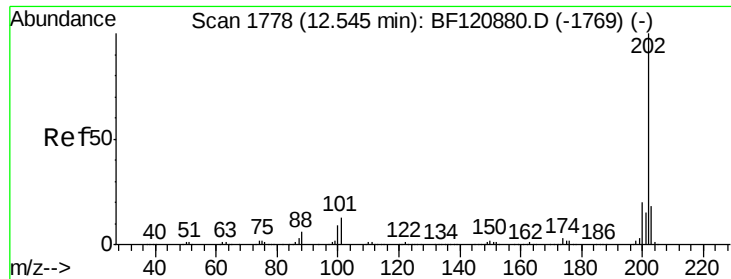


#74
 Di-n-butylphthalate
 Concen: 41.276 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:149 Resp: 1847130

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.9	3.8	5.6





#75

Fluoranthene

Concen: 41.357 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:202 Resp: 1783860

Ion Ratio Lower Upper

202 100

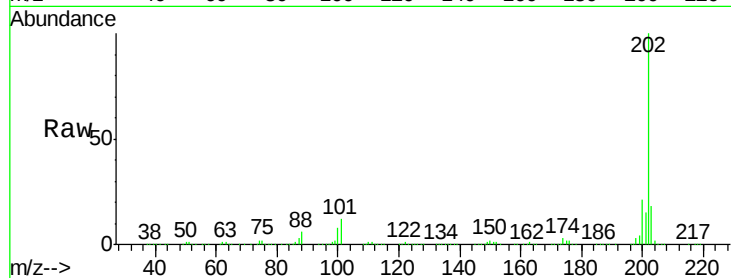
101 11.8 0.0 32.7

203 18.1 0.0 38.0

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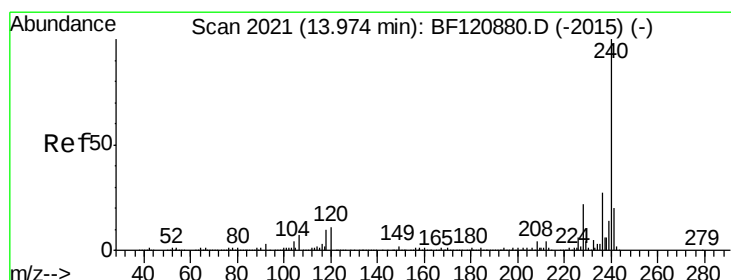
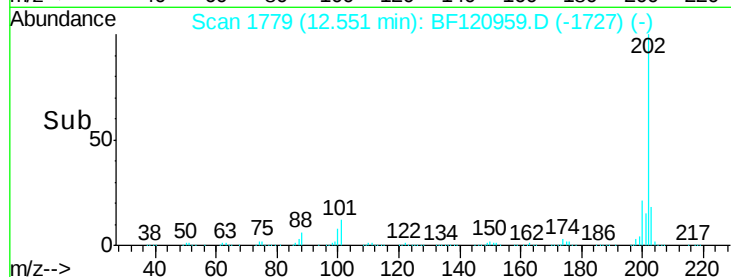
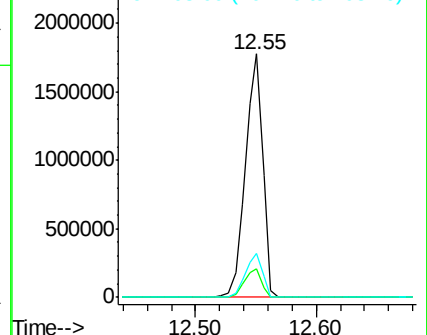
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Tgt Ion:240 Resp: 555422

Ion Ratio Lower Upper

240 100

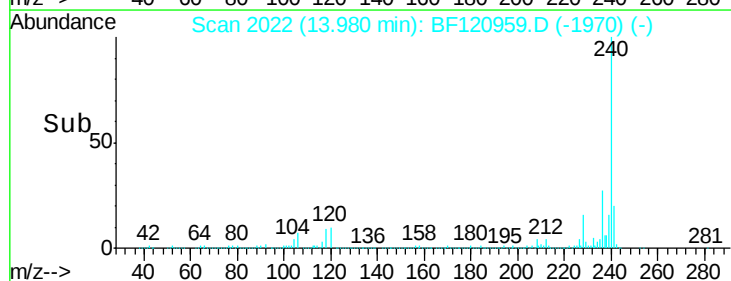
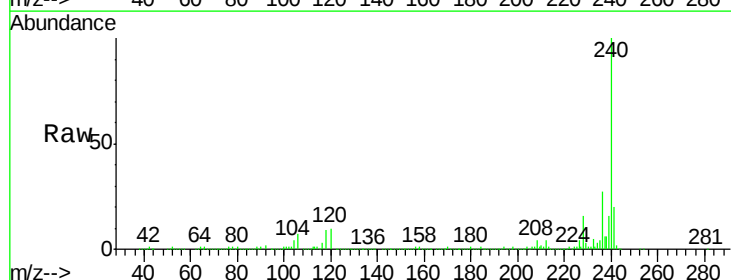
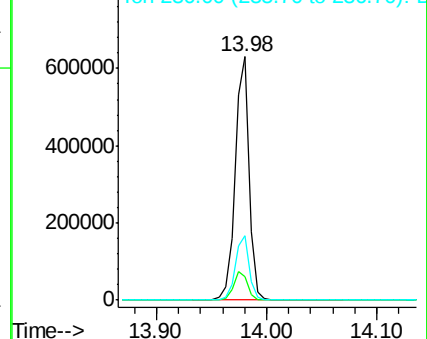
120 9.9 9.0 13.4

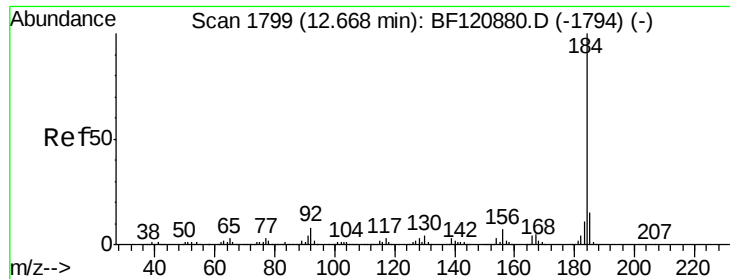
236 26.7 21.7 32.5

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.800 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

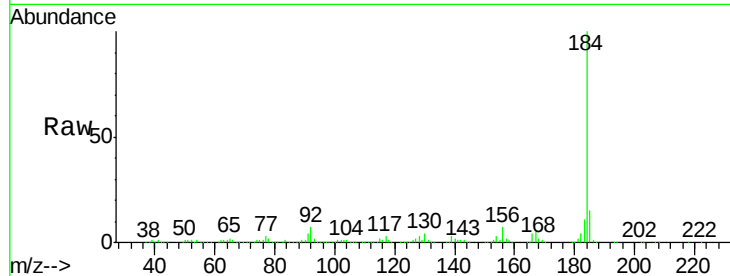
ClientSampleId :

SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	11.2	8.5	12.7

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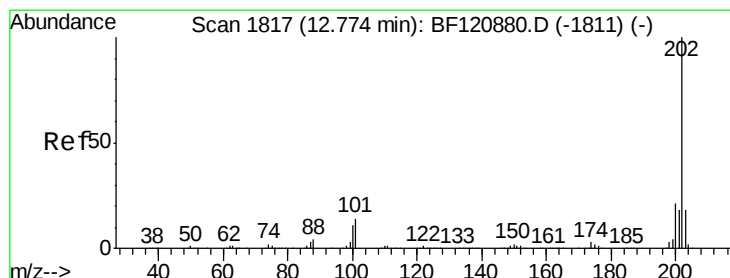
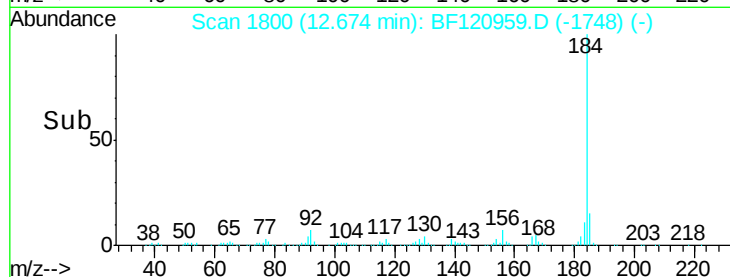
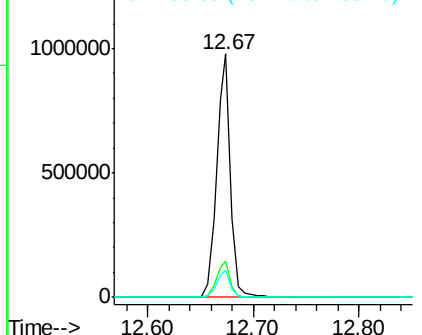
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.221 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120959.D

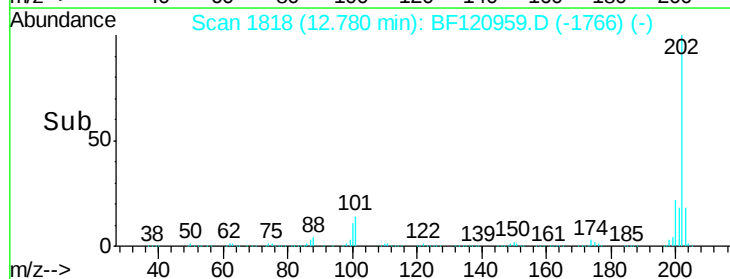
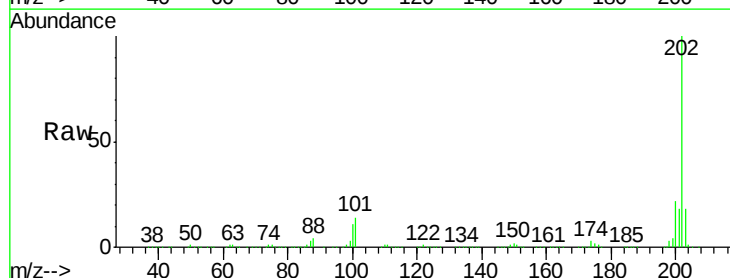
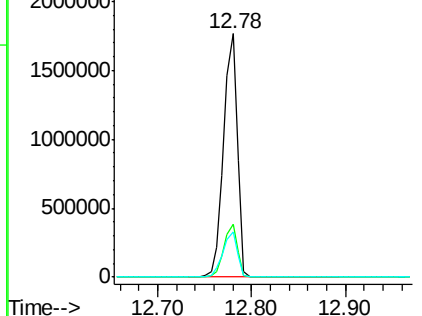
Acq: 21 Jul 2020 17:48

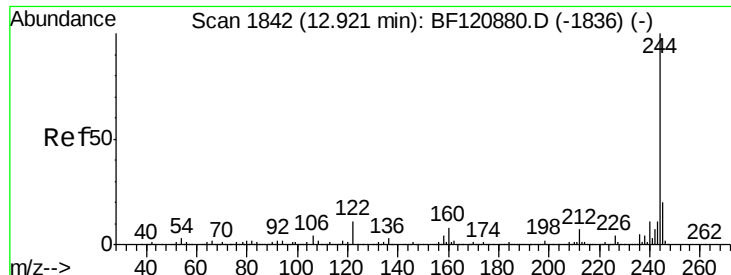
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.3	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





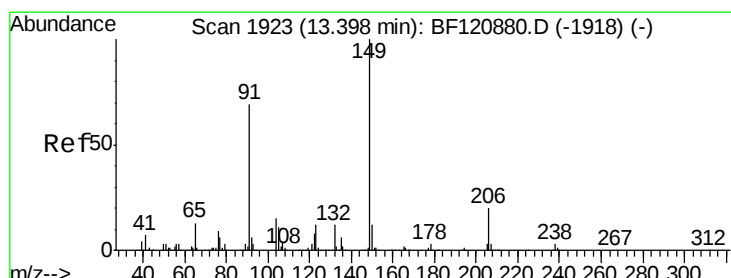
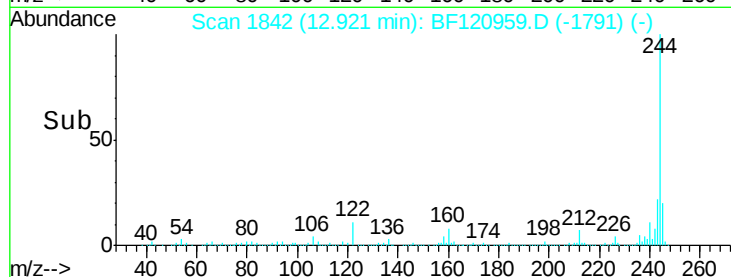
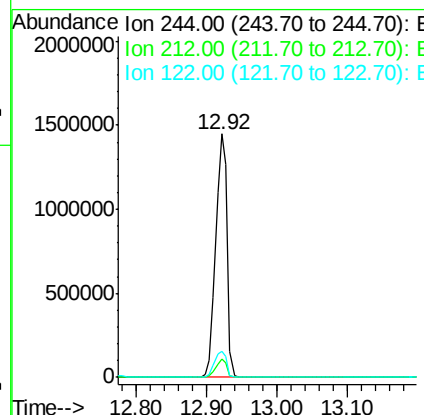
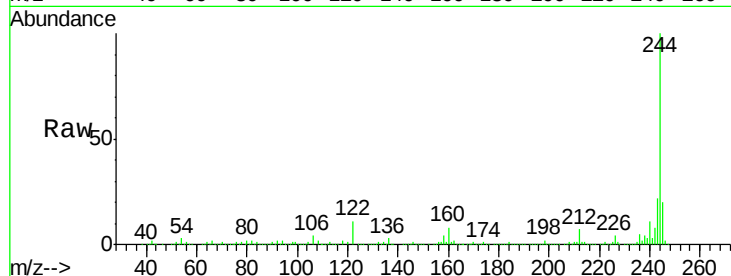
#79
 Terphenyl-d14
 Concen: 63.639 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:244 Resp: 1626042
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.9 8.9 13.3

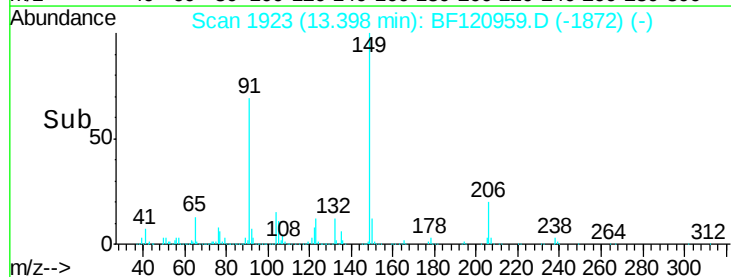
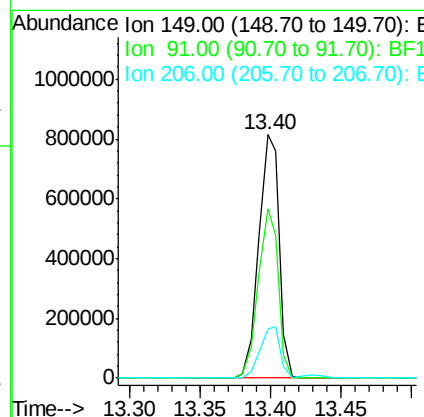
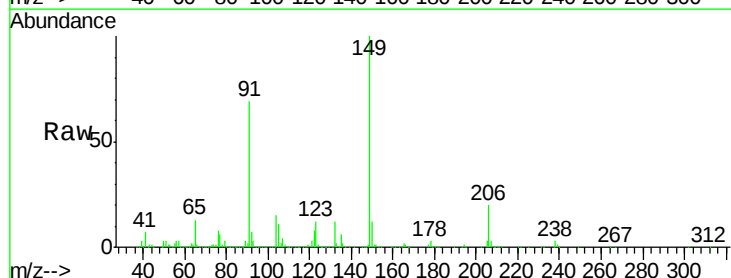
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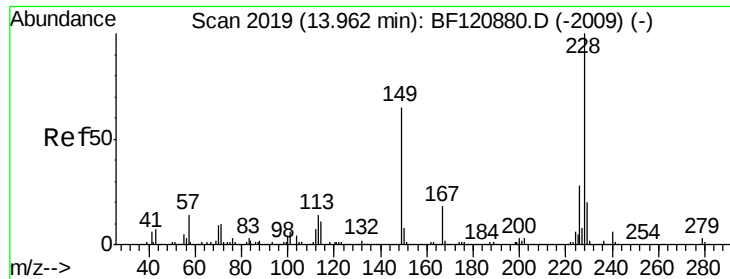
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#80
 Butylbenzylphthalate
 Concen: 47.539 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:149 Resp: 832193
 Ion Ratio Lower Upper
 149 100
 91 69.5 55.1 82.7
 206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.231 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:228 Resp: 1353115

Ion Ratio Lower Upper

228 100

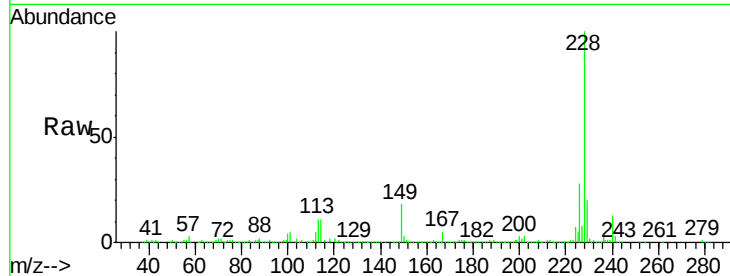
226 28.3 22.3 33.5

229 20.1 16.1 24.1

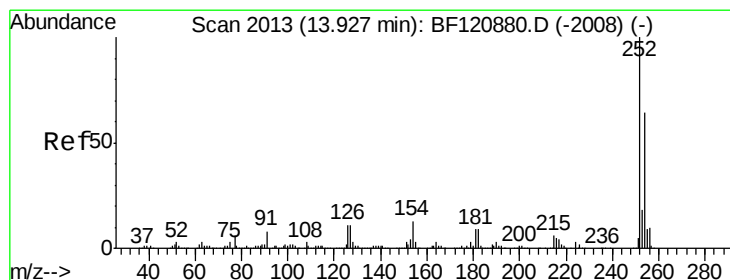
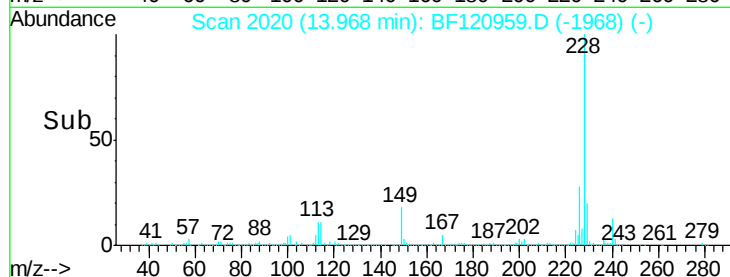
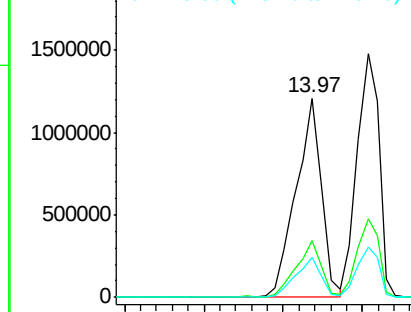
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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.822 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

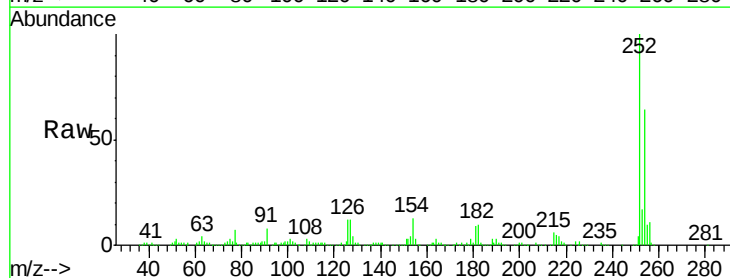
Tgt Ion:252 Resp: 365726

Ion Ratio Lower Upper

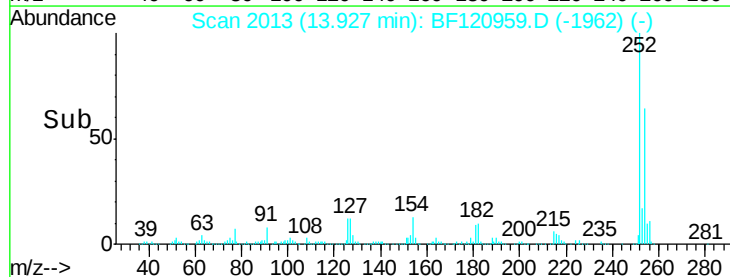
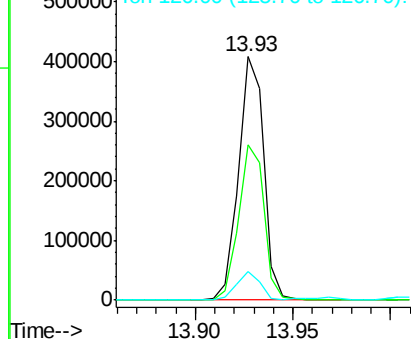
252 100

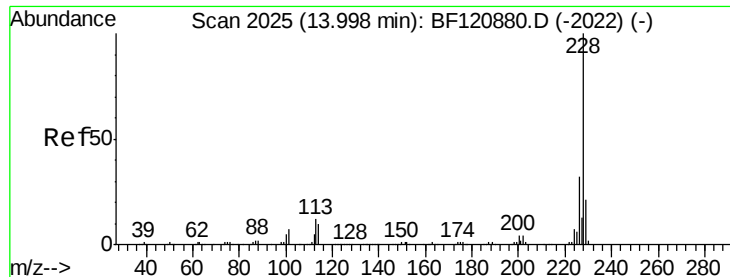
254 63.8 51.2 76.8

126 12.0 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
500000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





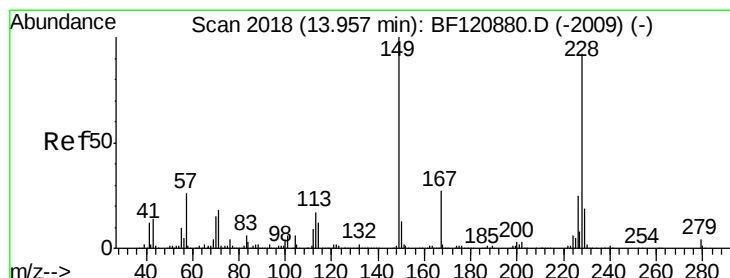
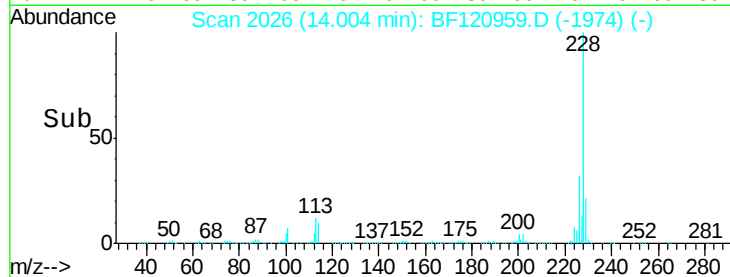
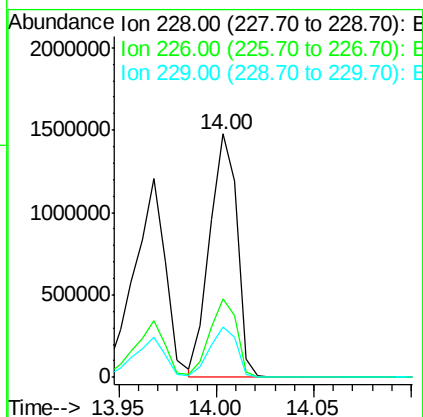
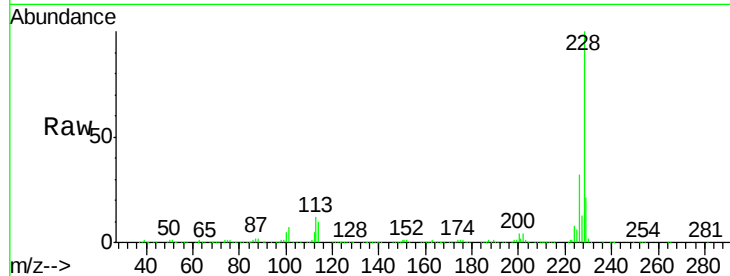
#83
 Chrvsene
 Concen: 40.612 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:228 Resp: 1435461
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.6 38.4
 229 20.9 16.8 25.2

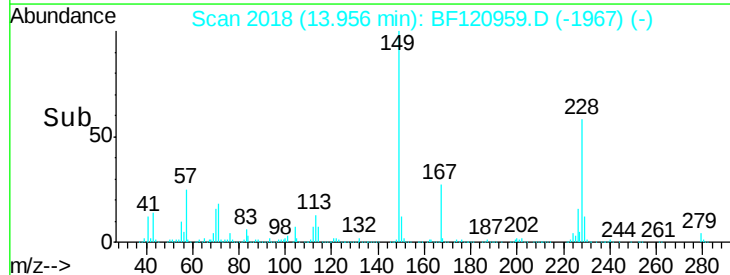
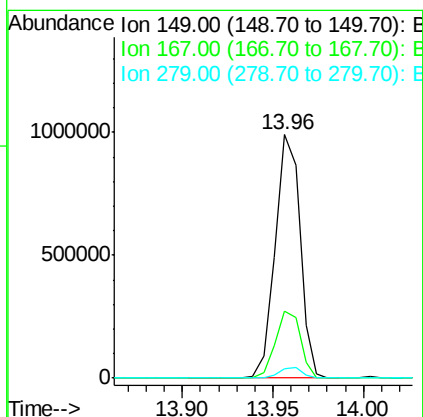
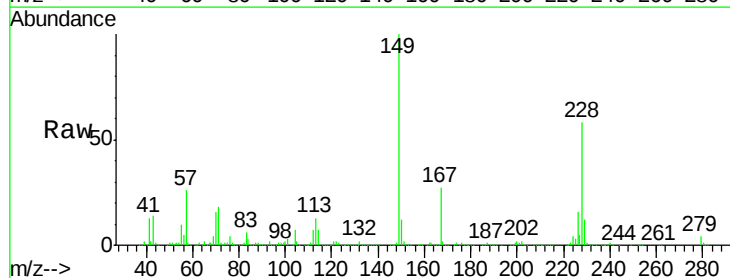
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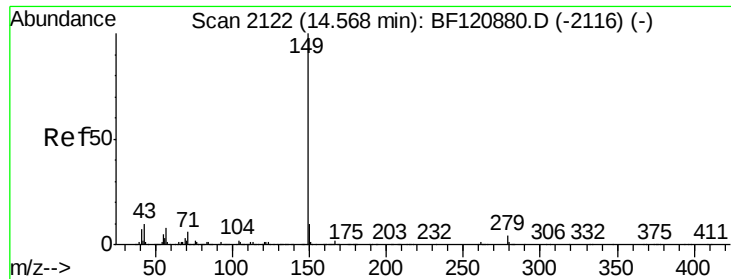
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.876 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:149 Resp: 947119
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.9 32.9
 279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.144 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

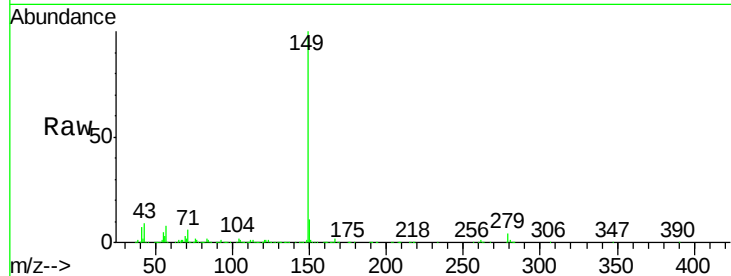
ClientSampleId :

SAMPLE-1BMS

Tot Ion:	149	Resp:	1895790
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.0	7.6	11.4

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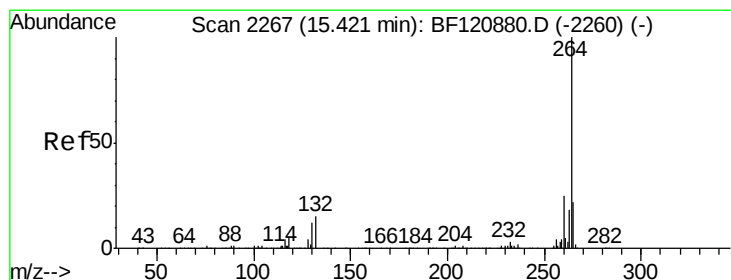
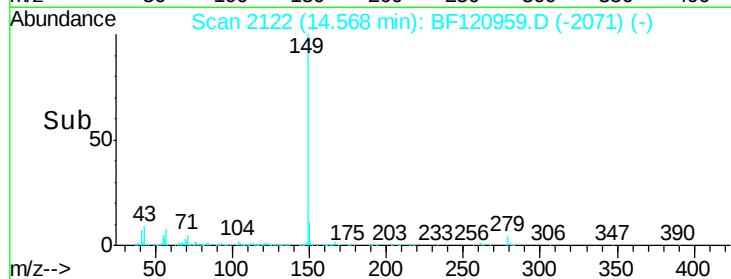
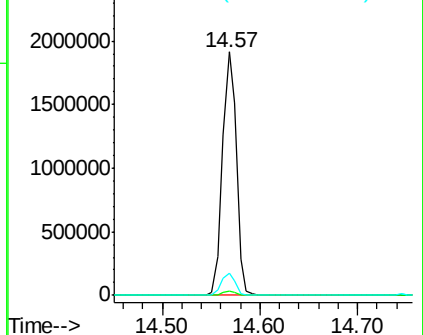
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

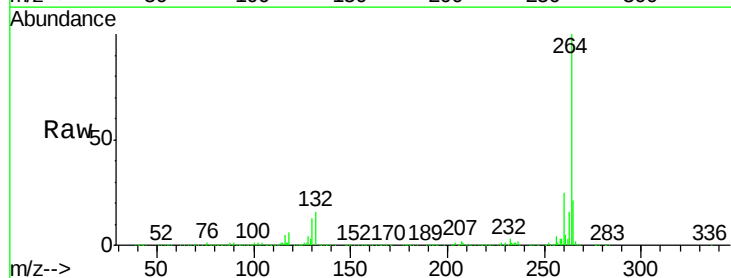
RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

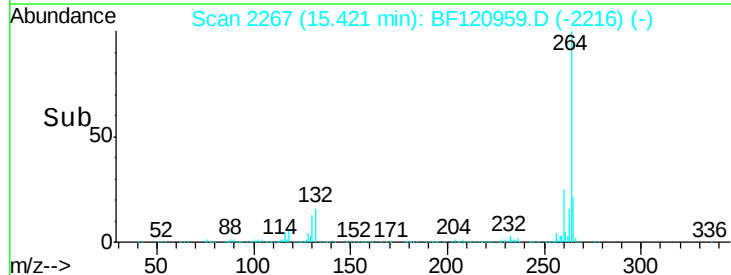
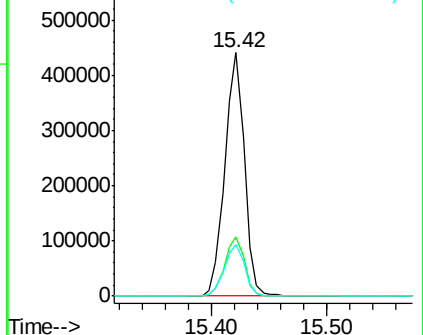
Tgt Ion:	264	Resp:	518276
Ion Ratio	Lower	Upper	
264	100		
260	24.6	20.0	30.0
265	21.4	17.4	26.2

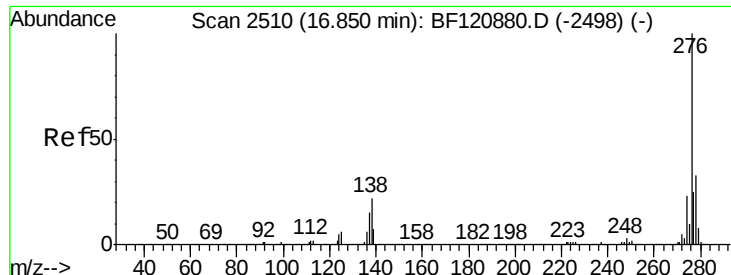


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





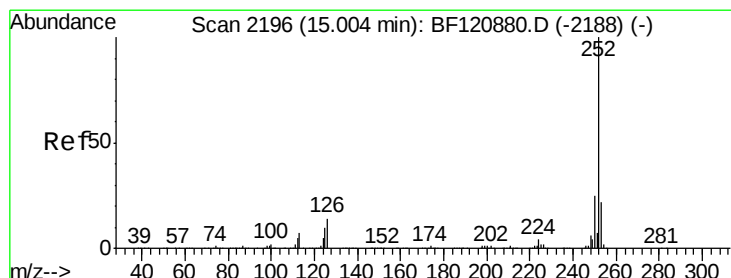
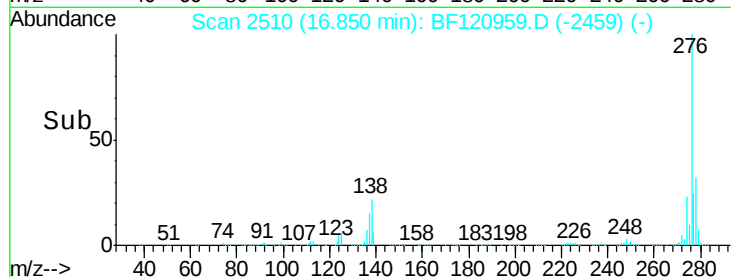
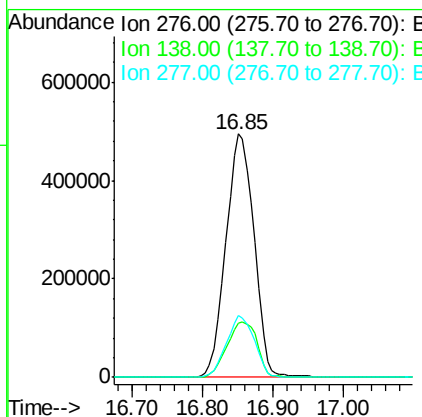
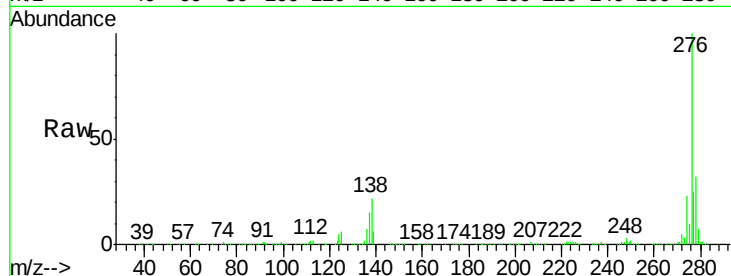
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.015 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.5	20.2	30.2

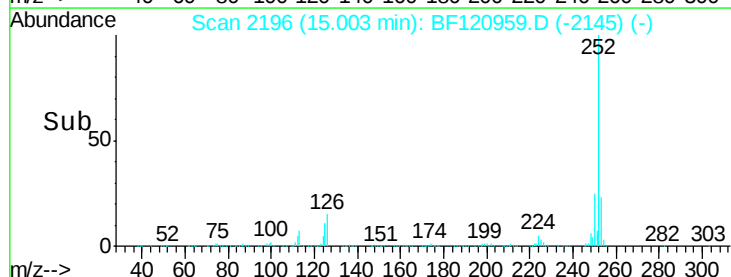
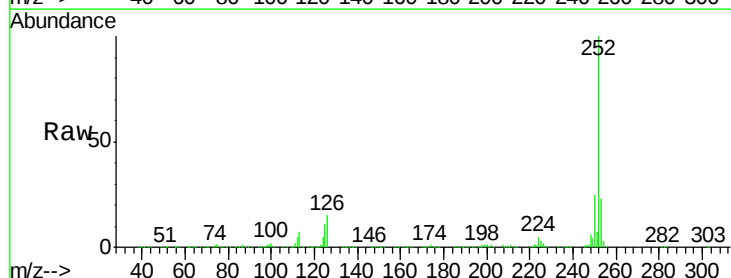
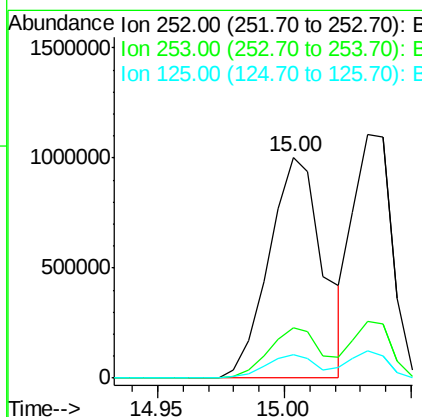
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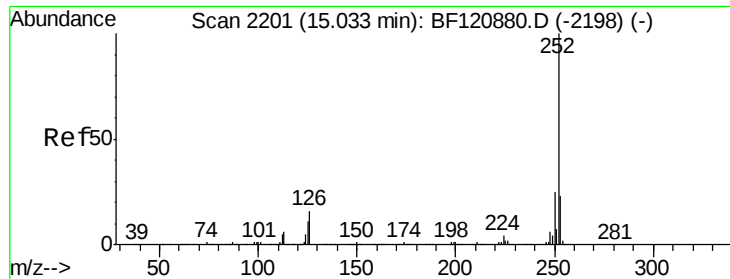
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 47.795 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.8	8.3	12.5





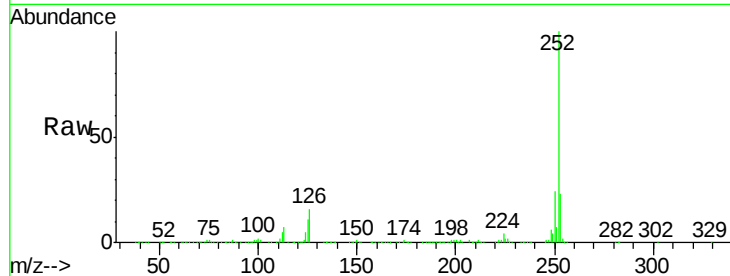
#89
Benzo(k)fluoranthene
Concen: 41.563 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	11.1	8.4	12.6

Manual Integrations
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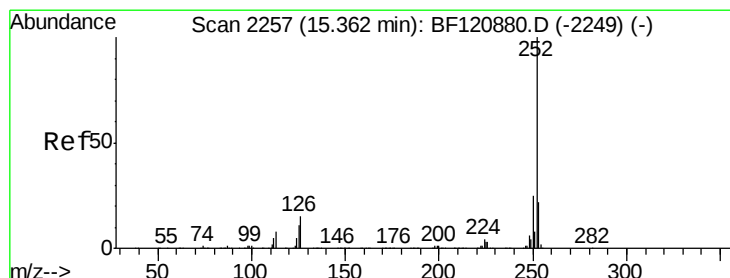
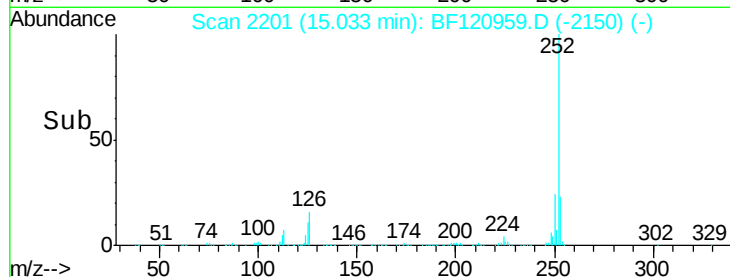
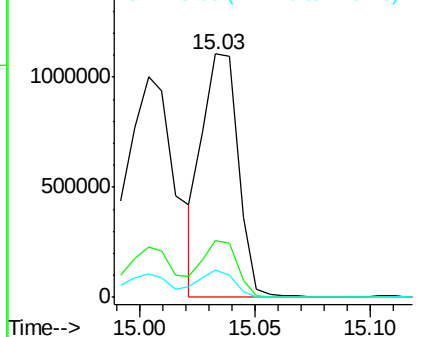


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 42.385 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

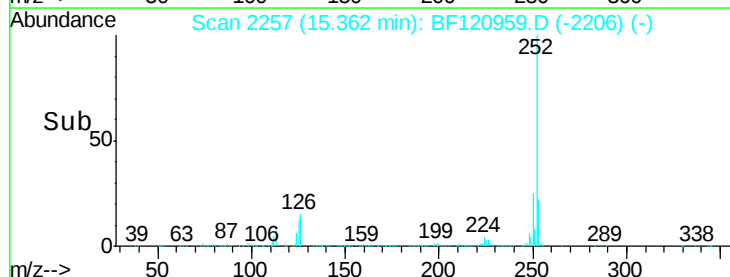
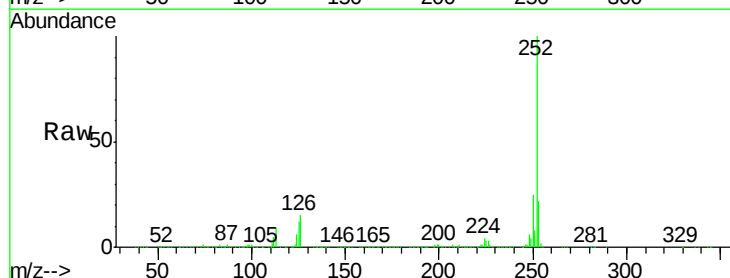
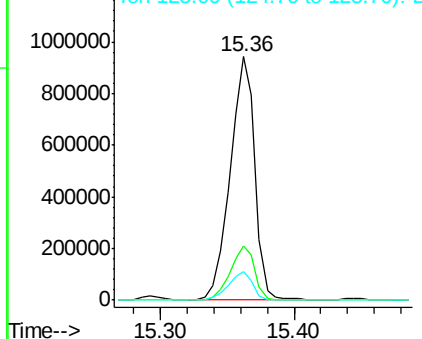
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.0	8.9	13.3

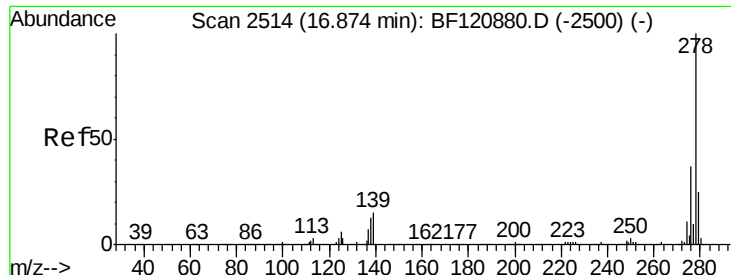
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





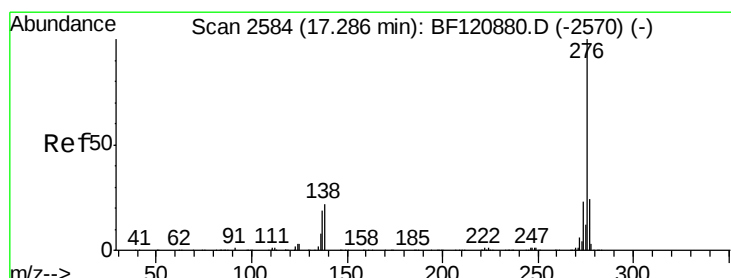
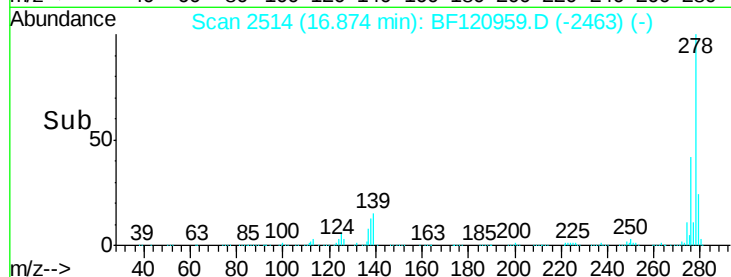
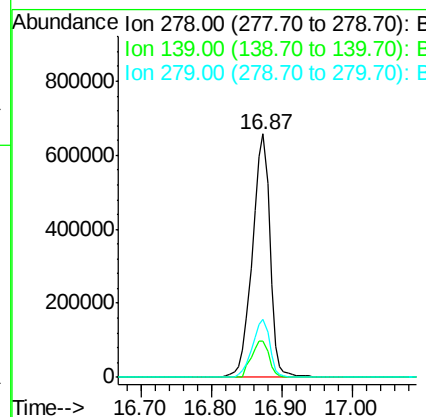
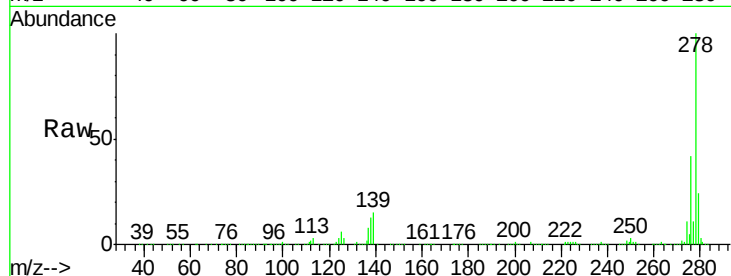
#91
Dibenzo(a,h)anthracene
Concen: 38.897 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.3	18.5
279	23.9	20.1	30.1

Manual Integrations
APPROVED

Sohil
7/24/2020 12:09:45 PM



#92
Benzo(g,h,i)perylene
Concen: 39.281 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.4	17.5	26.3

