

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120978.D
 Acq On : 23 Jul 2020 13:07
 Operator : JU/CG
 Sample : PB130373BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 14:23:50 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	191117	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	748619	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	392346	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	737227	20.00	ng	0.00
76) Chrysene-d12	13.97	240	549670	20.00	ng	0.00
86) Perylene-d12	15.42	264	535003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1378809	118.27	ng	0.02
7) Phenol-d6	6.45	99	1717613	114.06	ng	0.00
23) Nitrobenzene-d5	7.38	82	1120808	86.63	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	525138	122.28	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1982227	75.43	ng	0.00
79) Terphenyl-d14	12.92	244	2125839	84.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	207132	38.605	ng	100
3) Pyridine	3.36	79	565123	39.594	ng	98
4) n-Nitrosodimethylamine	3.31	42	262180	42.957	ng	98
6) Aniline	6.48	93	725741	36.919	ng	98
8) 2-Chlorophenol	6.60	128	587243	45.725	ng	100
9) Benzaldehyde	6.36	77	239896	30.890	ng	100
10) Phenol	6.46	94	673424	40.652	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	551552	43.444	ng	99
12) 1,3-Dichlorobenzene	6.76	146	585734	42.060	ng	99
13) 1,4-Dichlorobenzene	6.83	146	586562	42.358	ng	99
14) 1,2-Dichlorobenzene	6.99	146	533549	40.728	ng	100
15) Benzyl Alcohol	6.96	79	419300	39.372	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	776804	42.451	ng	99
17) 2-Methylphenol	7.07	107	459704	40.385	ng	98
18) Hexachloroethane	7.33	117	223997	44.692	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	361588	42.226	ng	98
20) 3+4-Methylphenols	7.22	107	498168	34.403	ng	91
22) Acetophenone	7.23	105	689427	41.034	ng	# 93
24) Nitrobenzene	7.40	77	577928	41.445	ng	99
25) Isophorone	7.64	82	1094527	42.389	ng	99
26) 2-Nitrophenol	7.72	139	314776	47.530	ng	98
27) 2,4-Dimethylphenol	7.75	122	489399	45.515	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	699664	44.390	ng	100
29) 2,4-Dichlorophenol	7.96	162	484583	44.103	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	522887	42.894	ng	99
31) Naphthalene	8.12	128	1584025	41.250	ng	99
32) Benzoic acid	7.89	122	376705	46.671	ng	98
33) 4-Chloroaniline	8.17	127	600011	35.026	ng	98
34) Hexachlorobutadiene	8.24	225	302059	42.033	ng	99
35) Caprolactam	8.55	113	150466m	42.703	ng	
36) 4-Chloro-3-methylphenol	8.66	107	507045	44.996	ng	95
37) 2-Methylnaphthalene	8.81	142	1084620	43.500	ng	99
38) 1-Methylnaphthalene	8.91	142	1028857	43.569	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	465622	40.732	ng	99

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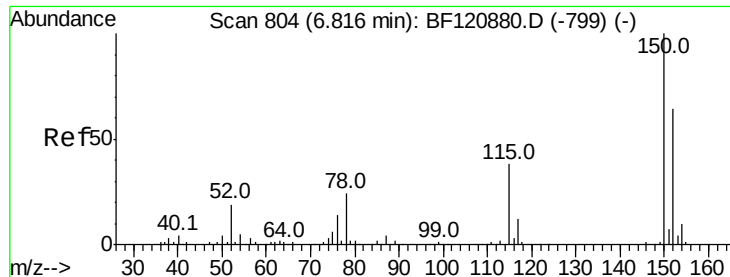
Manual Integrations
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Quant Time: Jul 23 14:23:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	521935	82.613	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	359488	44.664	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	383901	42.049	nq	99
46) 1,1'-Biphenyl	9.27	154	1275022	42.603	nq	100
47) 2-Chloronaphthalene	9.30	162	1009640	41.378	nq	99
48) 2-Nitroaniline	9.40	65	319330	43.305	nq	92
49) Acenaphthylene	9.72	152	1580065	41.683	nq	100
50) Dimethylphthalate	9.58	163	1219991	43.101	nq	99
51) 2,6-Dinitrotoluene	9.64	165	274579	45.153	nq	93
52) Acenaphthene	9.89	154	1111693m	46.128	nq	
53) 3-Nitroaniline	9.81	138	262000	34.352	nq	96
54) 2,4-Dinitrophenol	9.92	184	300142	85.256	nq	# 84
55) Dibenzofuran	10.06	168	1423099	40.834	nq	99
56) 4-Nitrophenol	9.97	139	475839	82.133	nq	100
57) 2,4-Dinitrotoluene	10.05	165	363421	45.508	nq	97
58) Fluorene	10.40	166	1006126	38.708	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	324887	46.738	nq	97
60) Diethylphthalate	10.28	149	1216494	42.490	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	496079	35.782	nq	99
62) 4-Nitroaniline	10.43	138	300510	40.449	nq	97
63) Azobenzene	10.56	77	1134826	41.635	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	200240	47.016	nq	98
66) n-Nitrosodiphenylamine	10.52	169	1016182	43.817	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	351852	42.807	nq	97
68) Hexachlorobenzene	10.95	284	393786	44.289	nq	# 89
69) Atrazine	11.05	200	291395	50.734	nq	99
70) Pentachlorophenol	11.15	266	437906	85.970	nq	100
71) Phenanthrene	11.36	178	1563838	41.245	nq	99
72) Anthracene	11.42	178	1593608	41.857	nq	99
73) Carbazole	11.57	167	1513733	40.063	nq	99
74) Di-n-butylphthalate	11.90	149	1831423	42.003	nq	99
75) Fluoranthene	12.55	202	1708190	40.645	nq	99
77) Benzidine	12.67	184	861155	59.588	nq	99
78) Pyrene	12.77	202	1727787	44.460	nq	99
80) Butylbenzylphthalate	13.40	149	789948	45.598	nq	97
81) Benzo(a)anthracene	13.96	228	1336948	40.166	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	543848	43.308	nq	100
83) Chrysene	14.00	228	1459714	41.731	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	928016	43.441	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1837650	43.238	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1502294	40.376	nq	99
88) Benzo(b)fluoranthene	15.00	252	1532159	47.378	nq	99
89) Benzo(k)fluoranthene	15.03	252	1385409	46.974	nq	100
90) Benzo(a)pyrene	15.36	252	1313228	44.509	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1256697	41.348	nq	99
92) Benzo(g,h,i)perylene	17.28	276	1167488	38.959	nq	98

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



#1

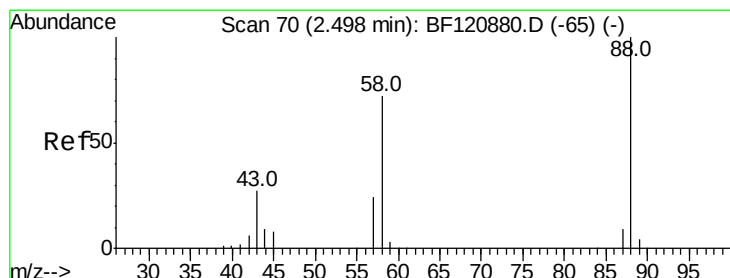
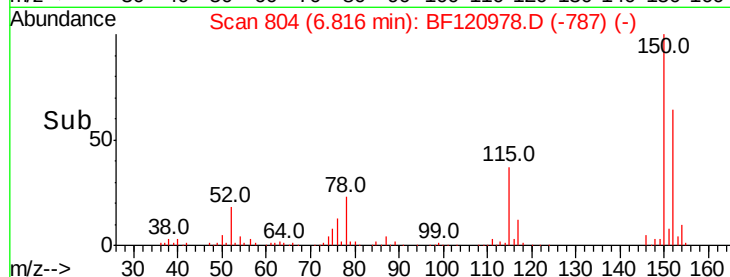
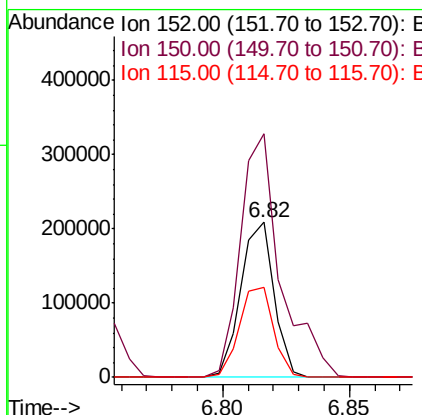
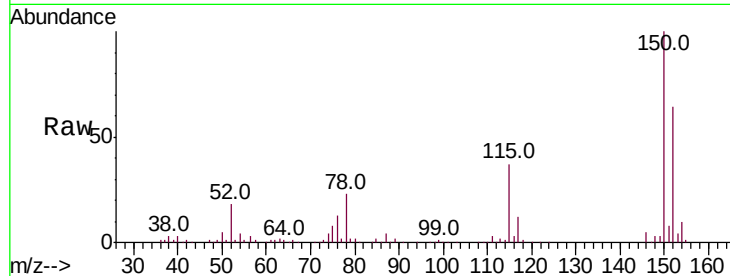
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.0	187.6
115	58.1	47.0	70.4

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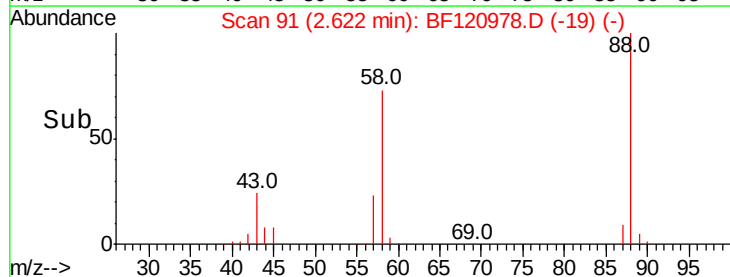
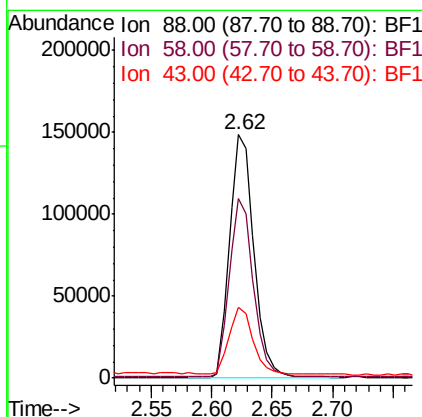
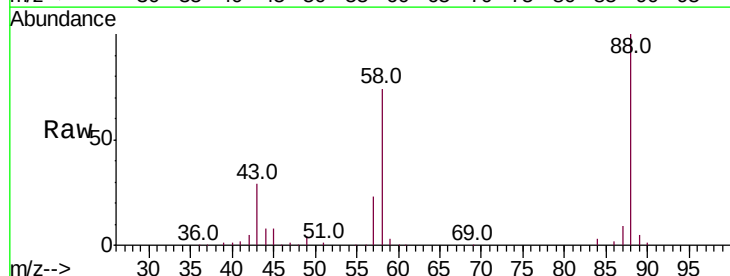
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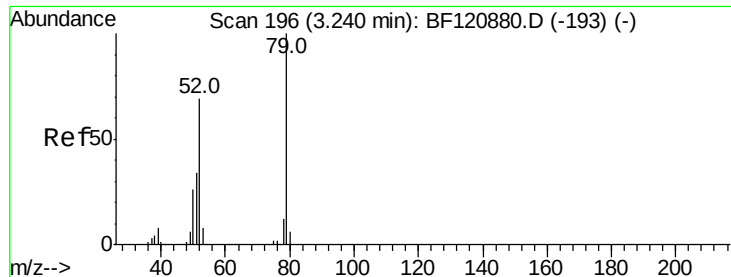


#2

1,4-Dioxane
Concen: 38.605 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.12 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.2	87.2
43	27.3	22.1	33.1





#3

Pvridine

Concen: 39.594 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.12 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

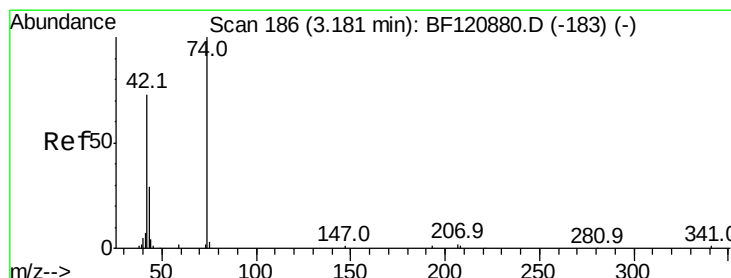
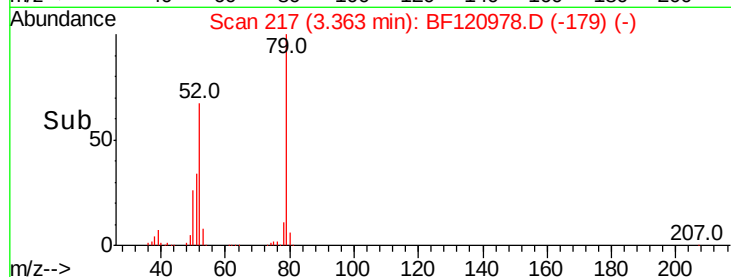
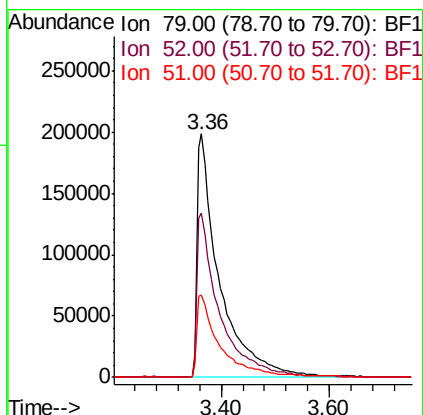
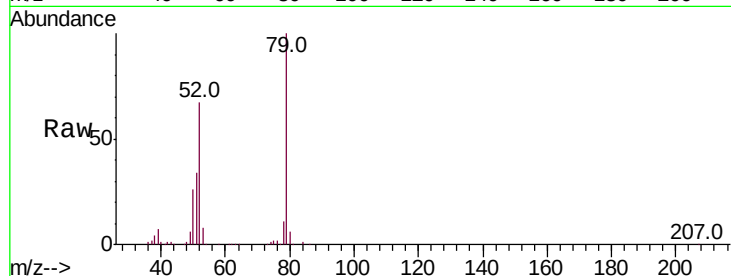
ClientSampled :

PB130373BS

Tot Ion:	79	Resp:	565123
Ion Ratio	Lower	Upper	
79	100		
52	67.3	55.0	82.6
51	34.0	26.9	40.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.957 ng

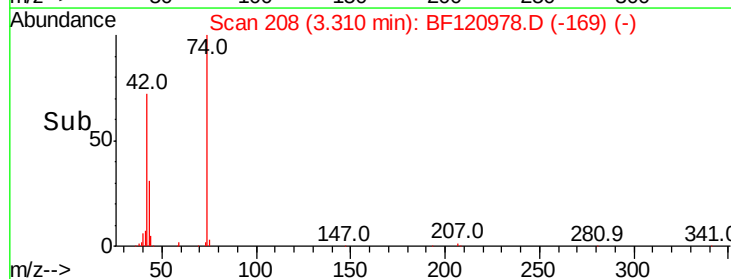
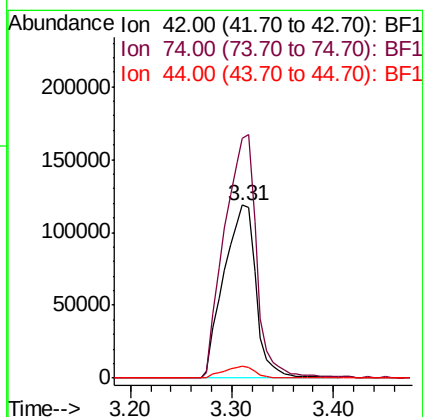
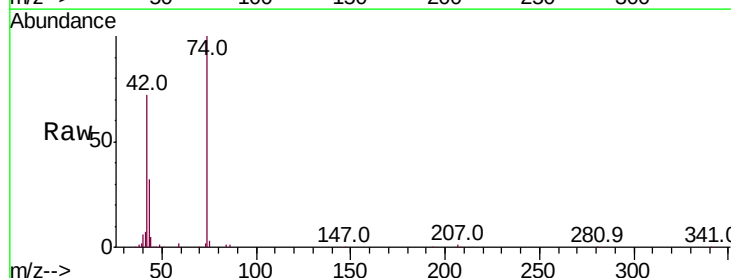
RT: 3.31 min Scan# 208

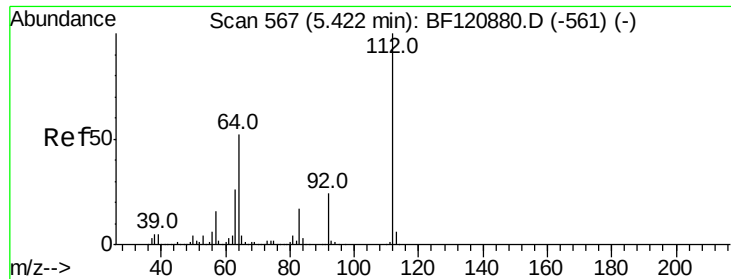
Delta R.T. 0.13 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion:	42	Resp:	262180
Ion Ratio	Lower	Upper	
42	100		
74	138.7	108.7	163.1
44	6.7	5.2	7.8





#5

2-Fluorophenol

Concen: 118.271 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion:112 Resp: 1378809

Ion Ratio Lower Upper

112 100

64 56.2 41.3 61.9

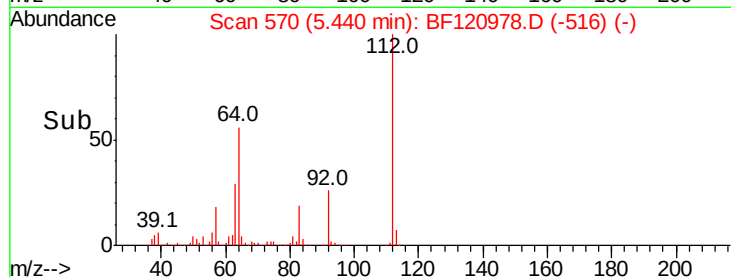
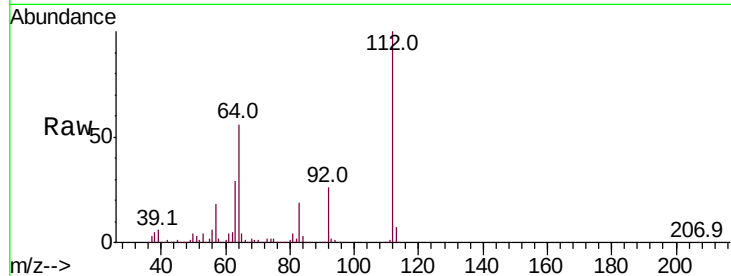
63 28.9 21.1 31.7

Manual Integrations

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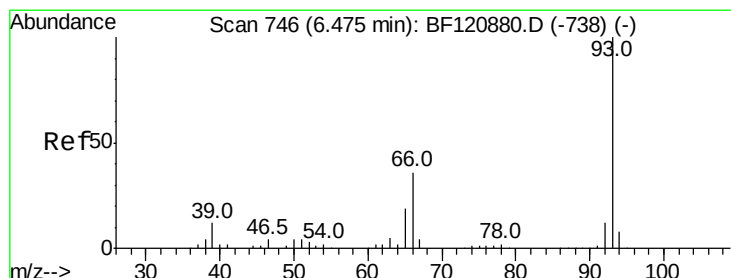
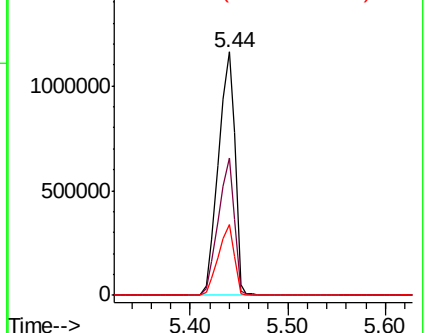
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.919 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

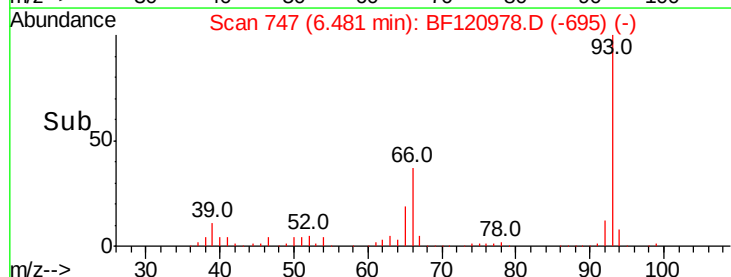
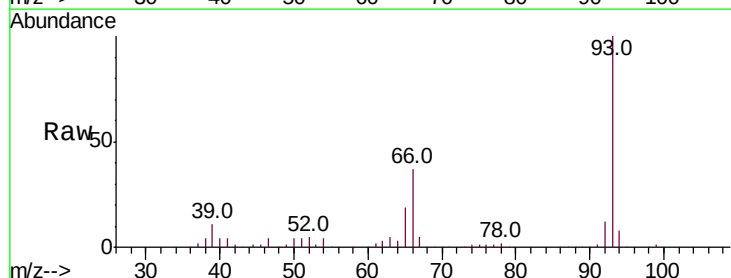
Tgt Ion: 93 Resp: 725741

Ion Ratio Lower Upper

93 100

66 36.5 30.2 45.4

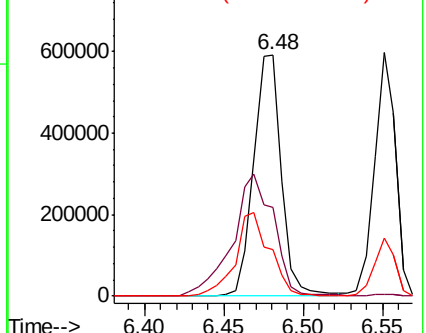
65 19.1 15.8 23.6

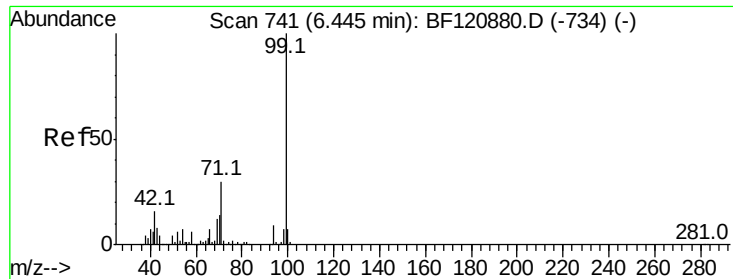


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.057 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion: 99 Resp: 1717613

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

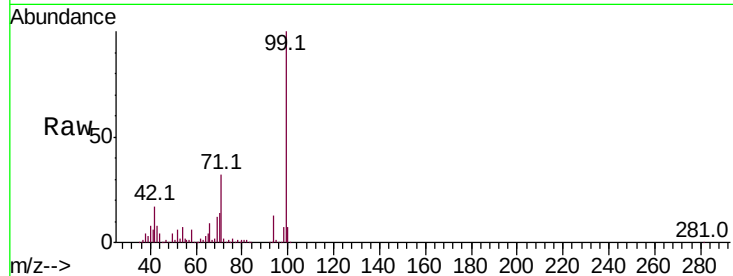
71 31.9 24.2 36.4

Manual Integrations

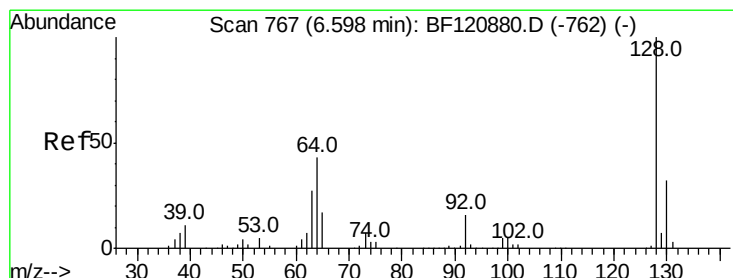
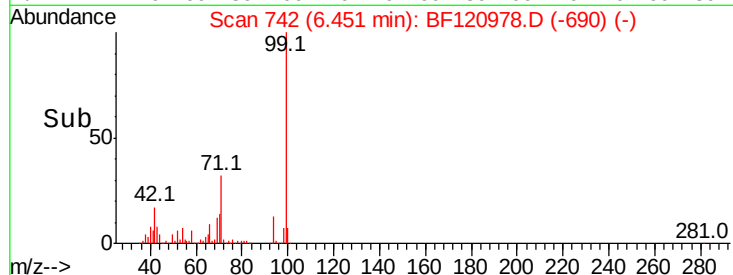
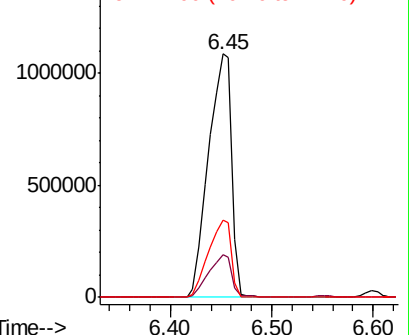
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.725 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

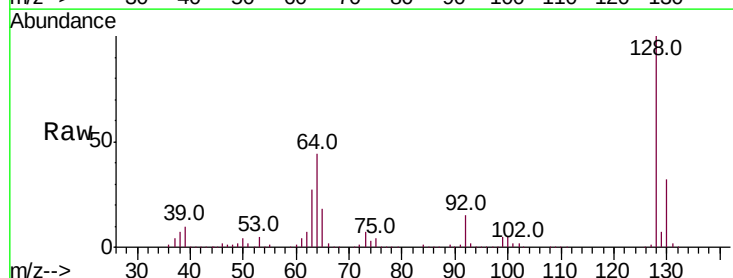
Tgt Ion: 128 Resp: 587243

Ion Ratio Lower Upper

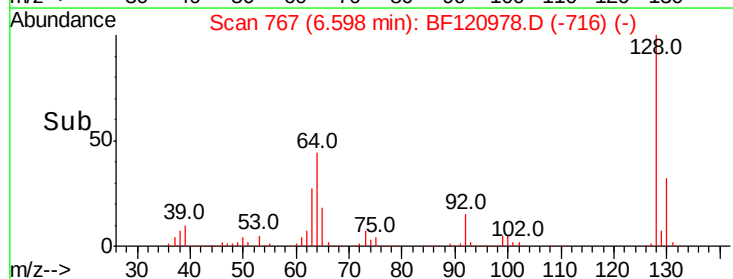
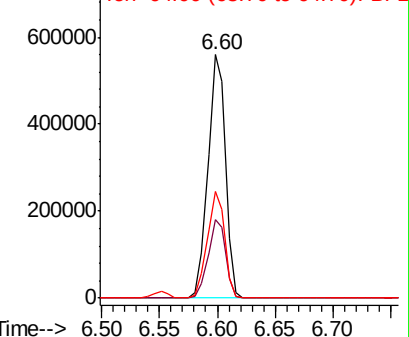
128 100

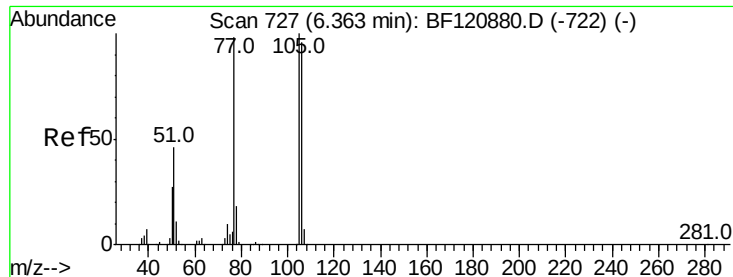
130 32.4 12.1 52.1

64 43.7 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: 30.890 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

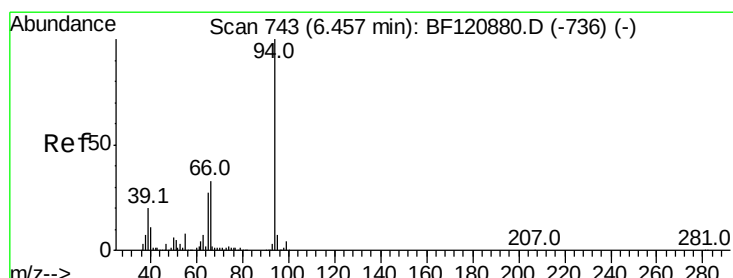
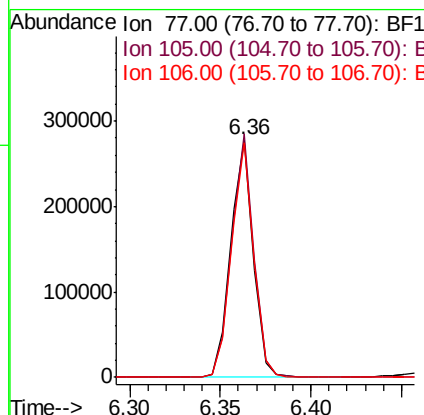
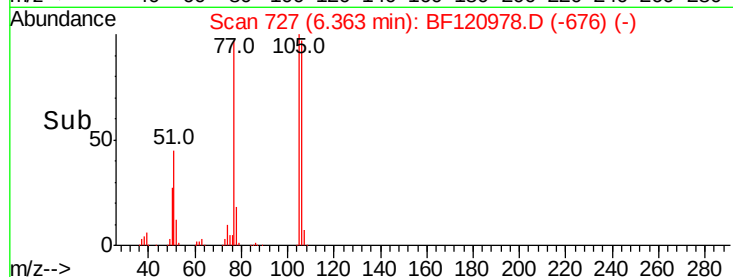
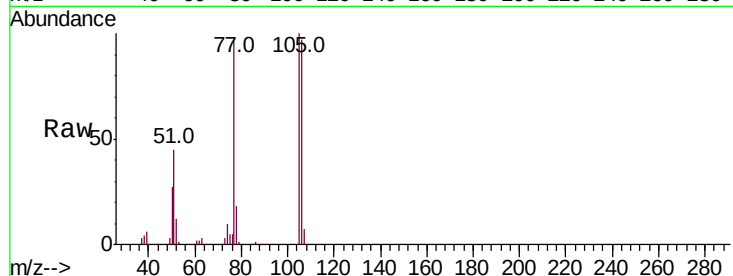
ClientSampleId :

PB130373BS

Tot Ion	77	Resp	239896
Ion Ratio	Lower	Upper	
77	100		
105	102.6	82.5	122.5
106	99.1	78.7	118.7

Manual Integrations
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#10

Phenol

Concen: 40.652 ng

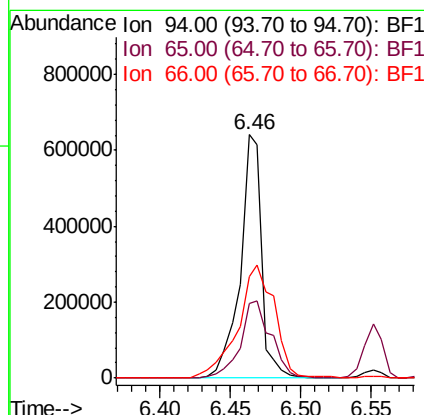
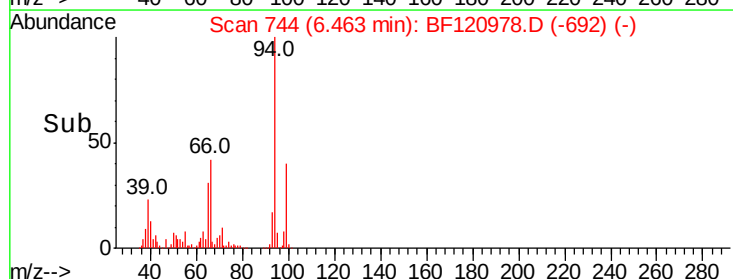
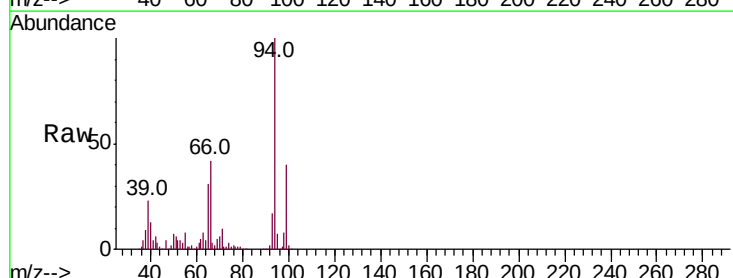
RT: 6.46 min Scan# 744

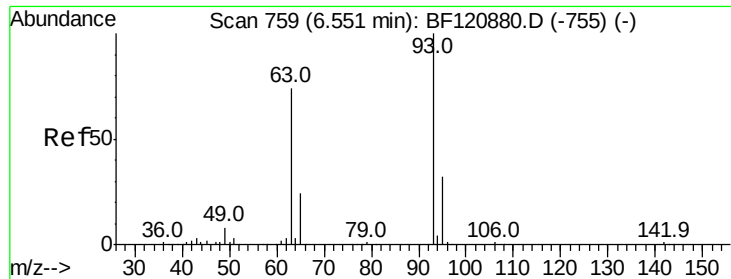
Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion	94	Resp	673424
Ion Ratio	Lower	Upper	
94	100		
65	30.7	6.6	46.6
66	41.7	13.2	53.2





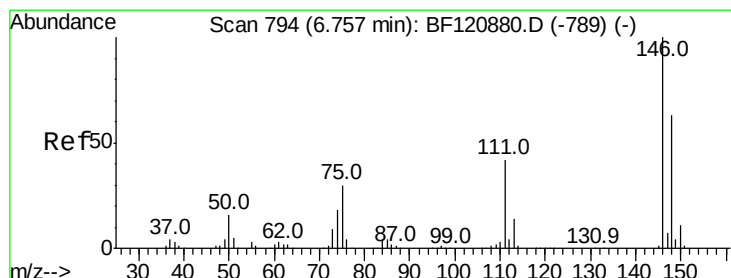
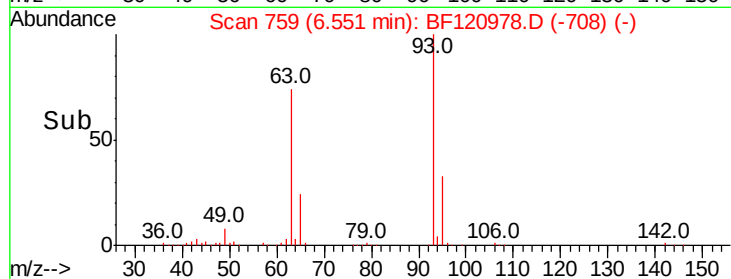
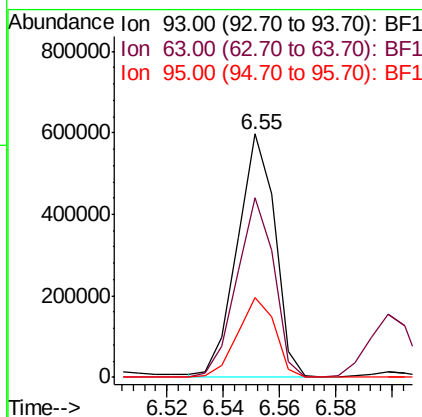
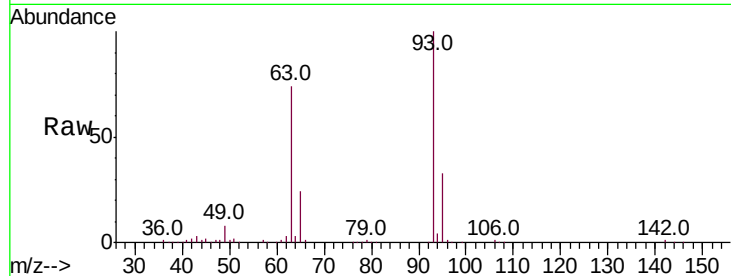
#11
bis(2-Chloroethyl)ether
Concen: 43.444 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	73.9	54.2	94.2
95	32.8	12.2	52.2

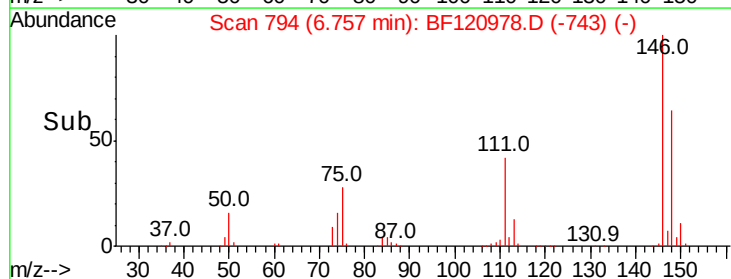
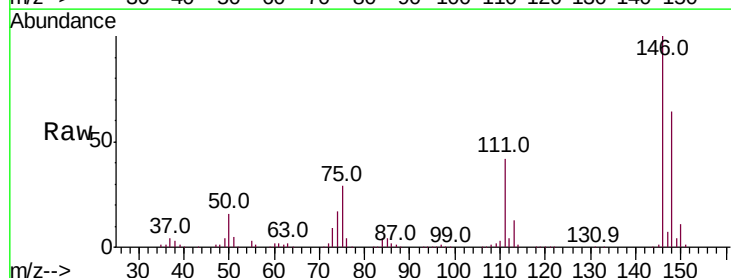
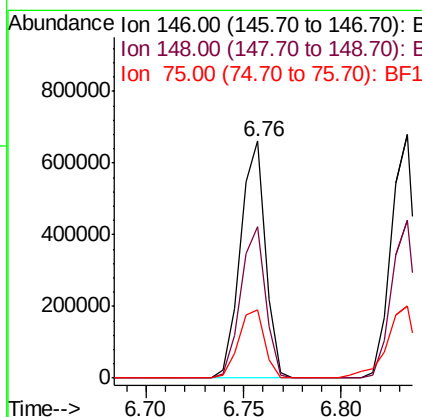
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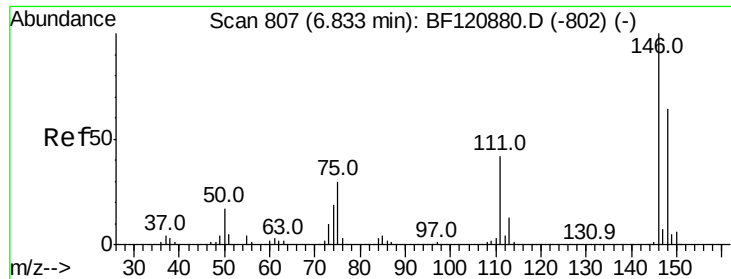
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.060 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	50.6	75.8
75	28.8	24.1	36.1





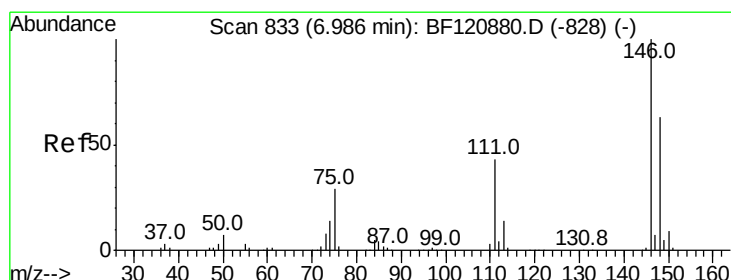
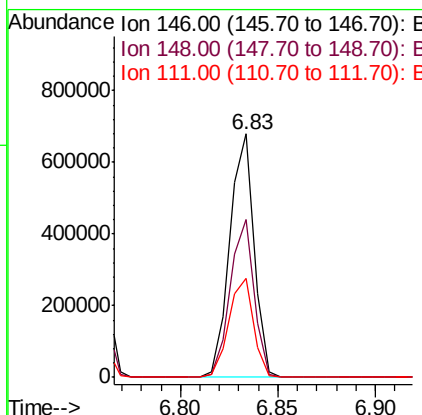
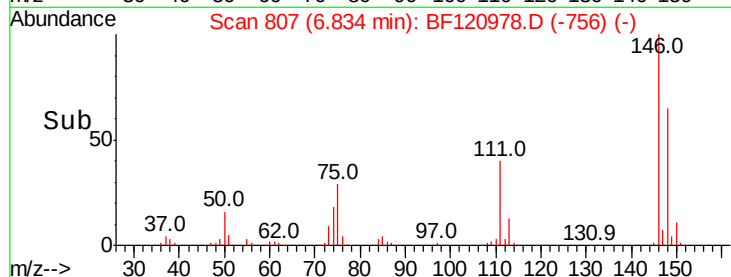
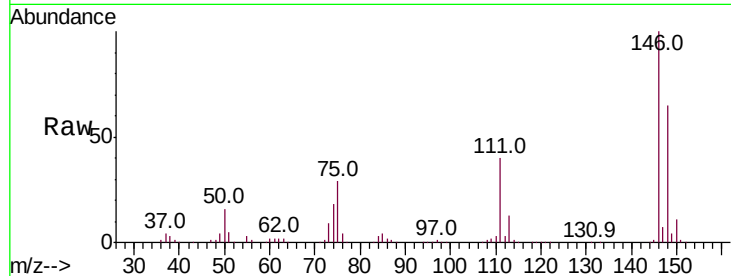
#13
 1,4-Dichlorobenzene
 Concen: 42.358 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	40.5	33.5	50.3

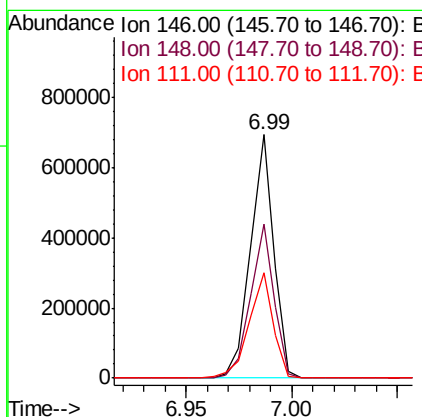
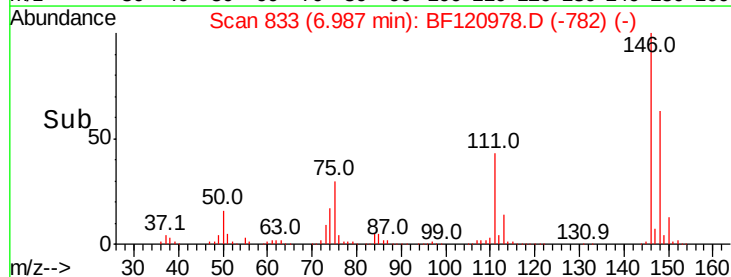
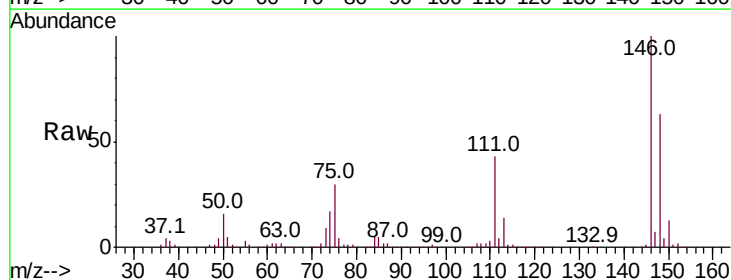
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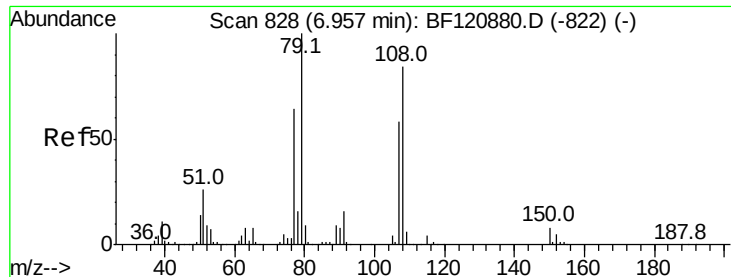
Sohil
 7/24/2020 12:12:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.728 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	43.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 39.372 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion: 79 Resp: 419300

Ion Ratio Lower Upper

79 100

108 83.6 67.0 100.6

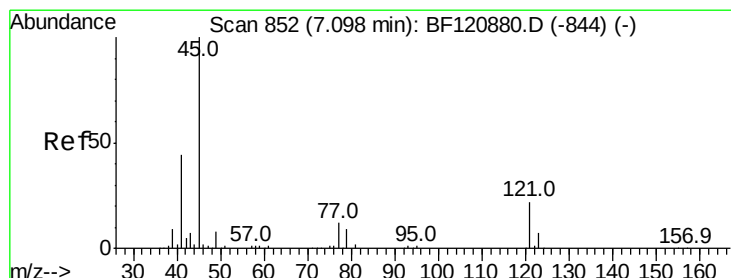
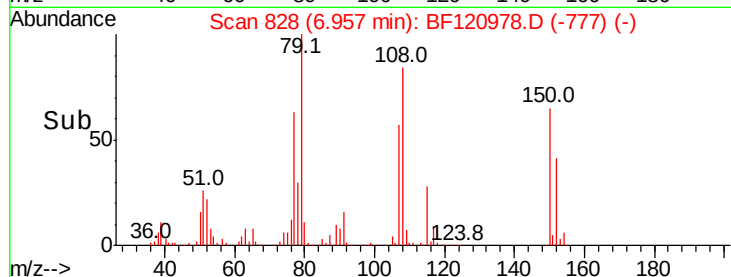
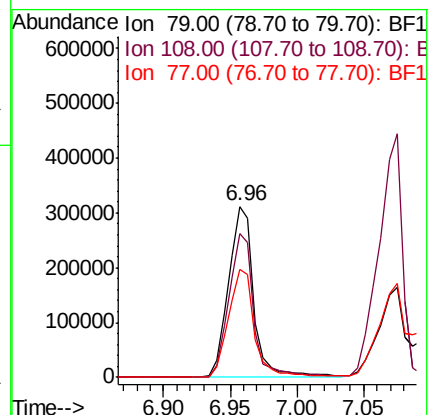
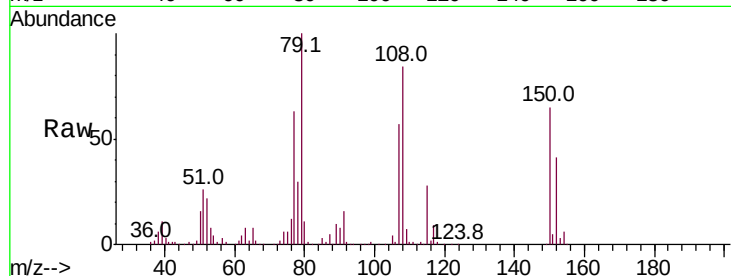
77 63.0 51.0 76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.451 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

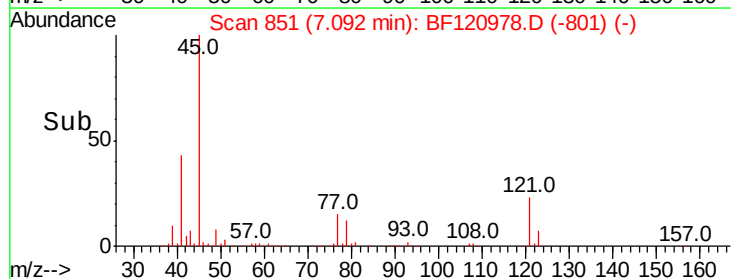
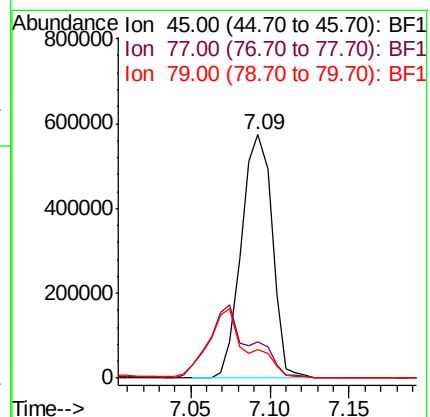
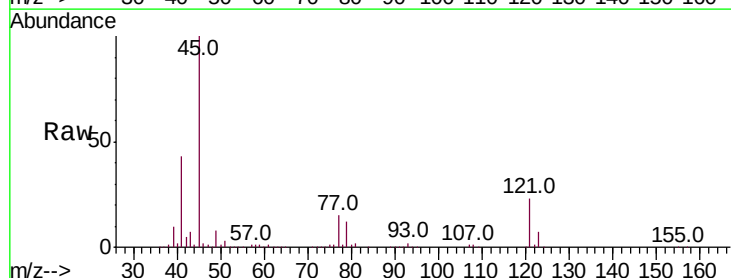
Tgt Ion: 45 Resp: 776804

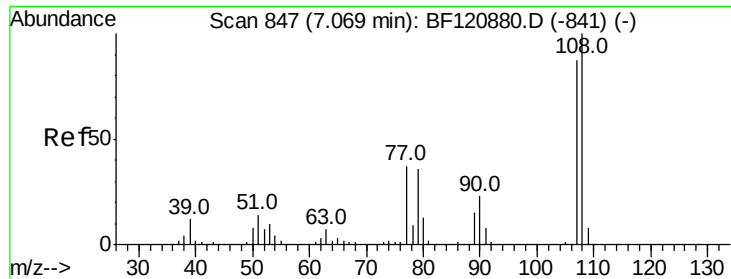
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.3

79 11.6 0.0 31.0





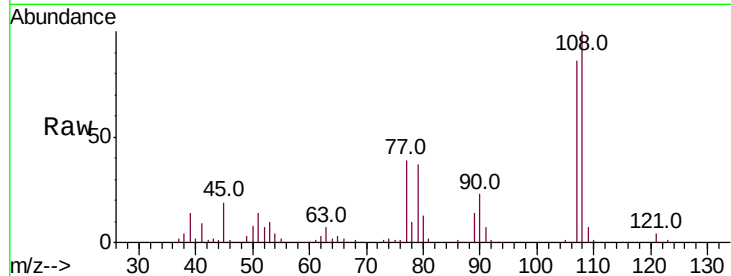
#17
2-Methylphenol
Concen: 40.385 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

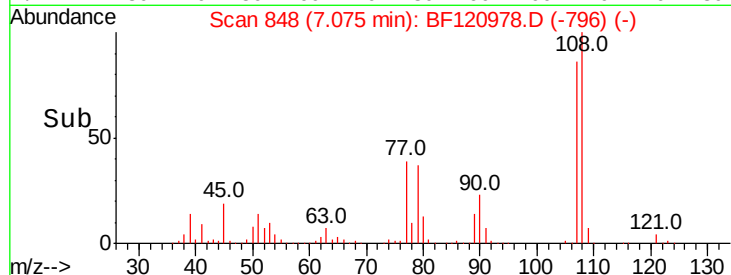
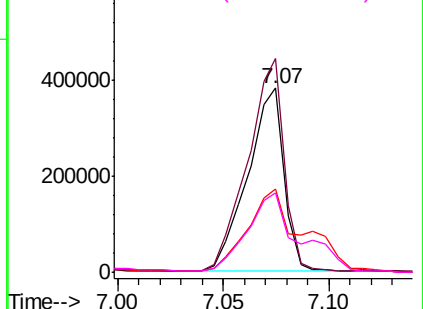
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	92.0	138.0	
77	45.0	34.0	51.0	
79	42.8	33.3	49.9	

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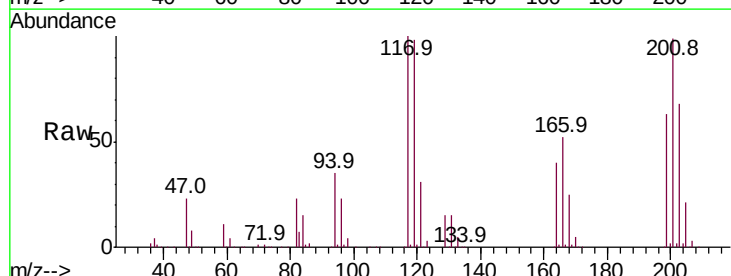
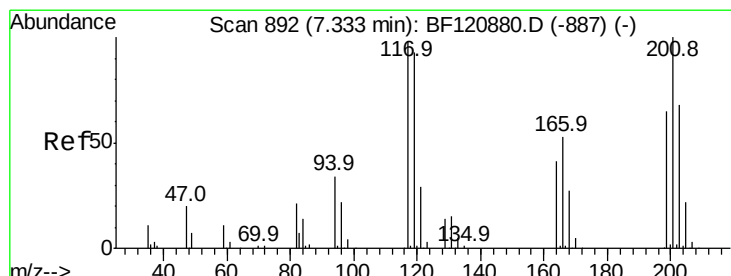
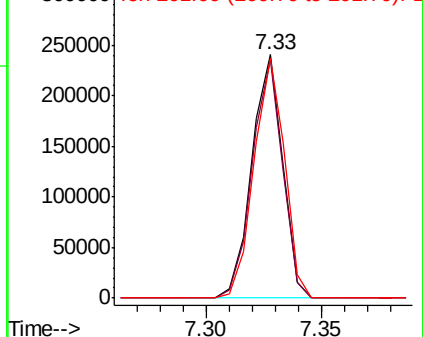
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

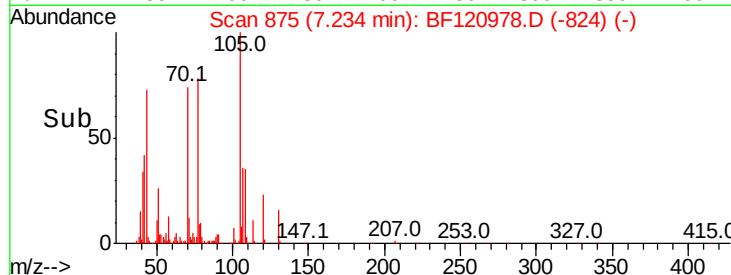
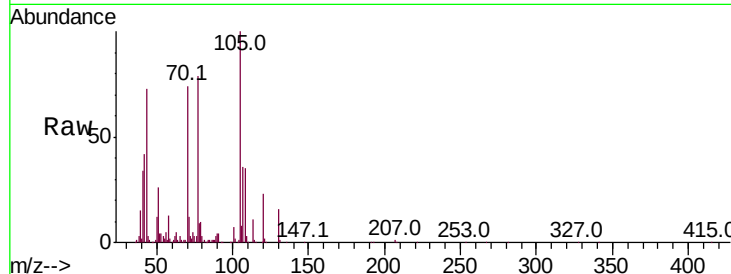
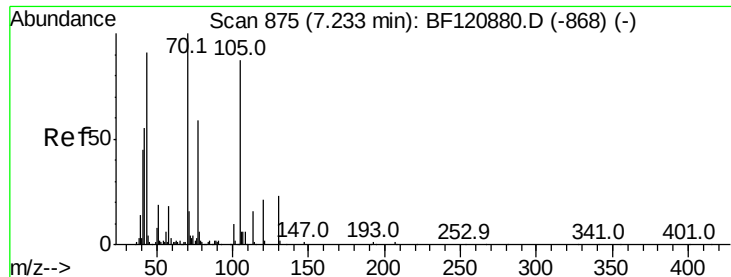


#18
Hexachloroethane
Concen: 44.692 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	76.0	114.0	
201	98.7	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





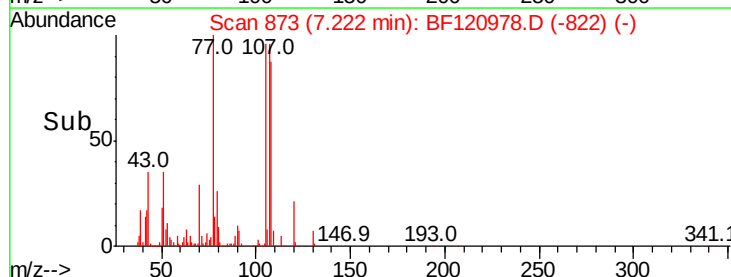
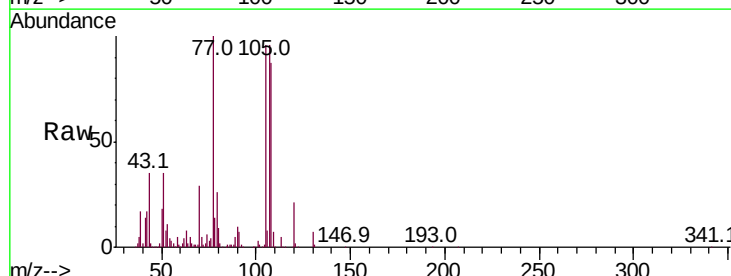
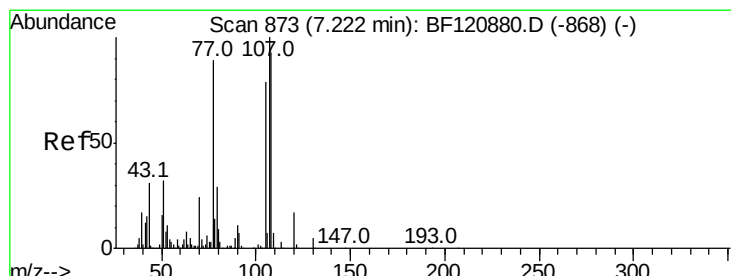
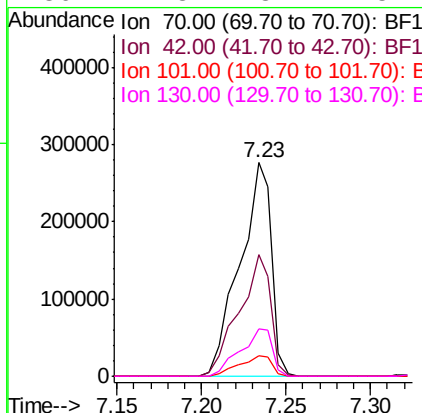
#19
n-Nitroso-di-n-propylamine
Concen: 42.226 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.8	44.0	66.0		
101	9.8	7.8	11.6		
130	22.3	18.7	28.1		

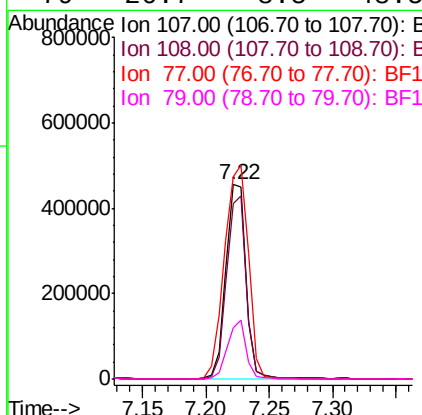
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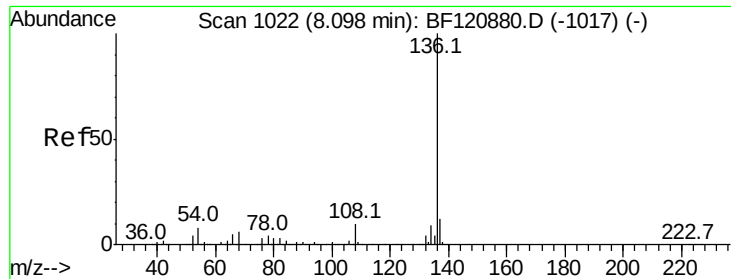
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#20
3+4-Methylphenols
Concen: 34.403 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.4	72.8	112.8		
77	104.3	68.7	108.7		
79	26.7	8.5	48.5		





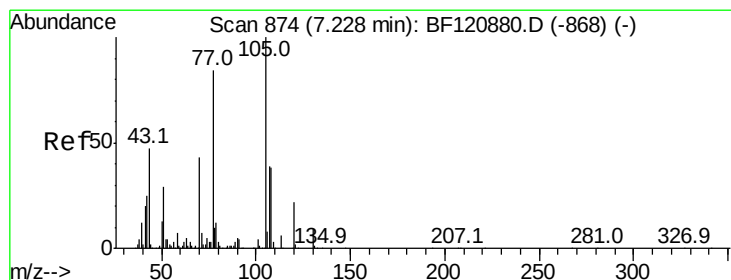
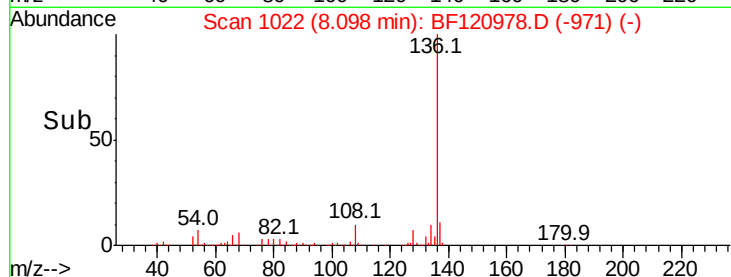
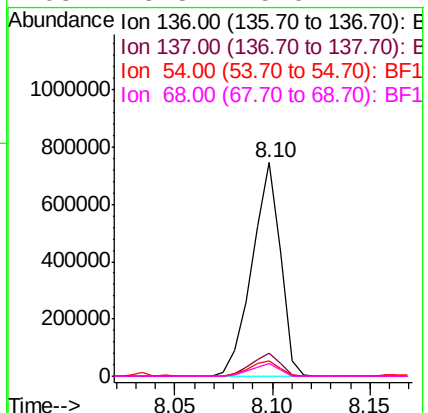
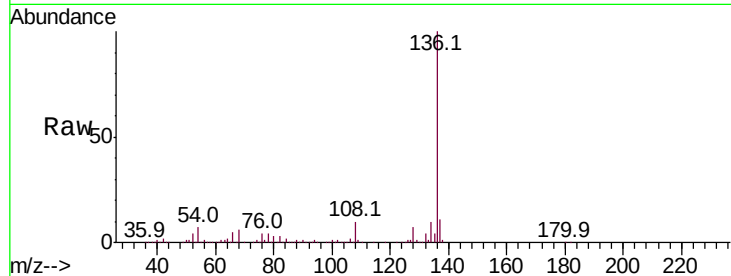
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.3	13.9	
54	7.4	6.3	9.5	
68	5.8	5.0	7.4	

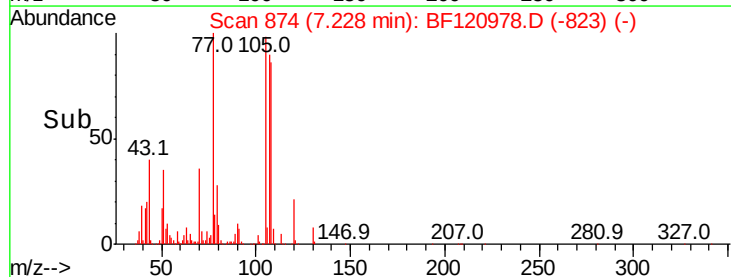
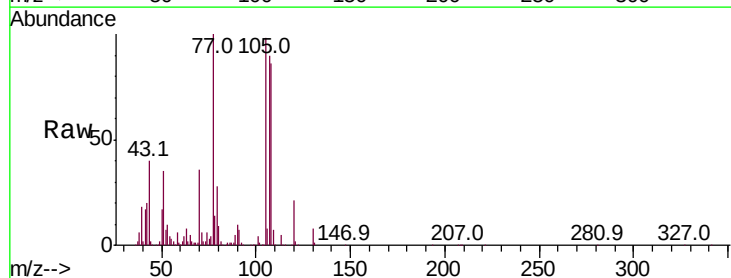
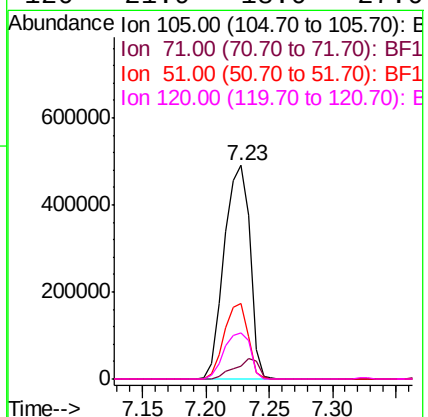
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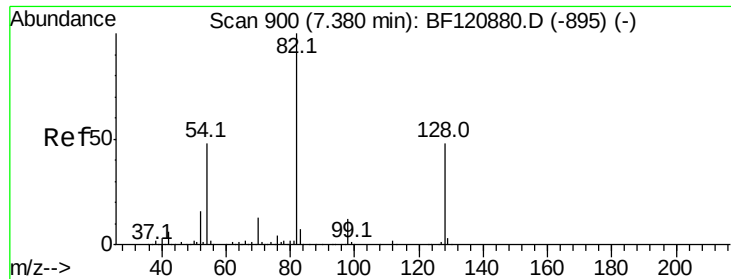
Sohil
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#22
Acetophenone
Concen: 41.034 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.0	5.7	8.5	
51	35.4	22.9	34.3#	
120	21.9	18.0	27.0	





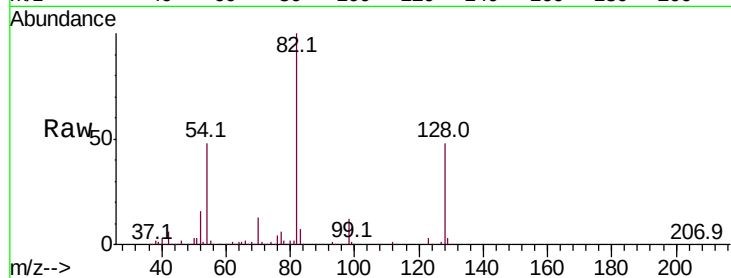
#23
 Nitrobenzene-d5
 Concen: 86.631 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

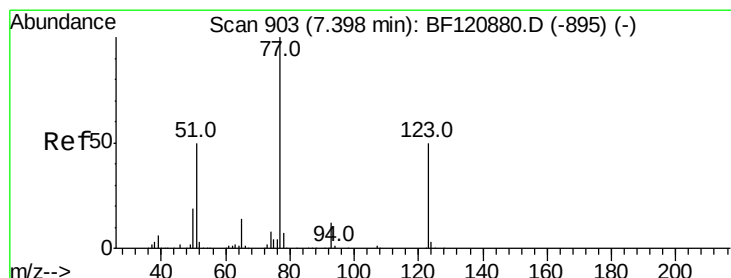
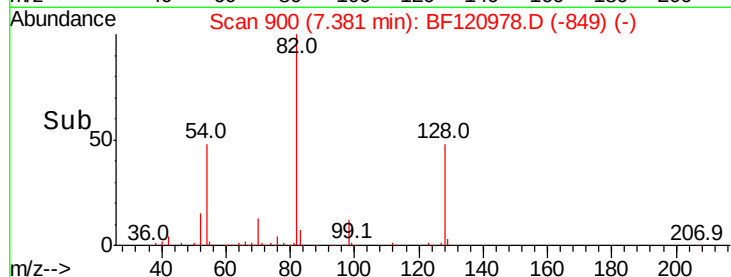
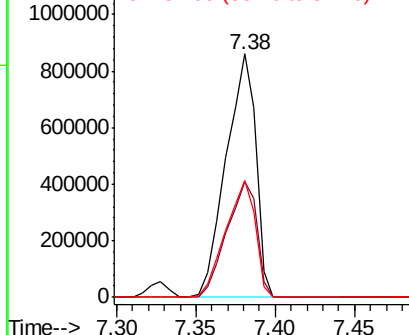
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.4
54	48.0	38.7	58.1

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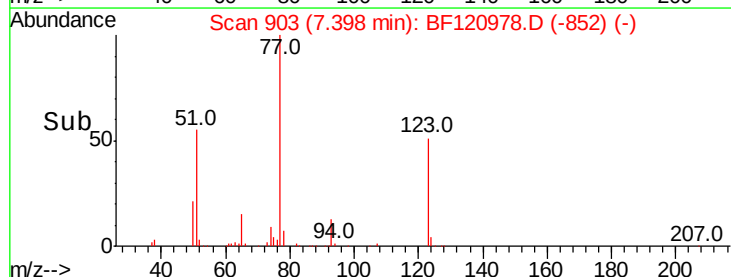
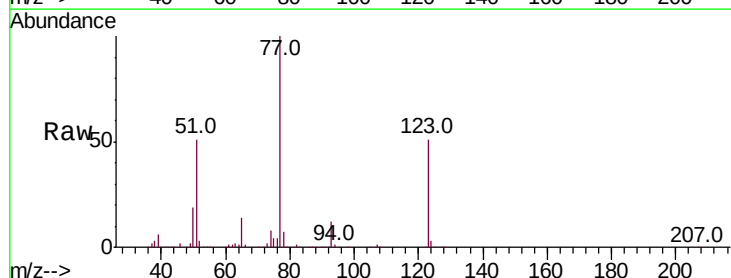
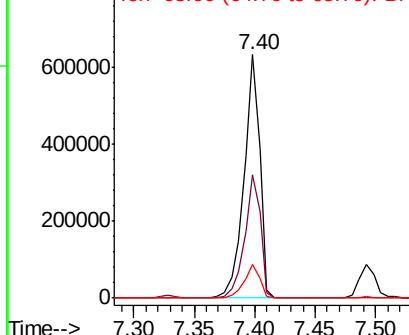
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

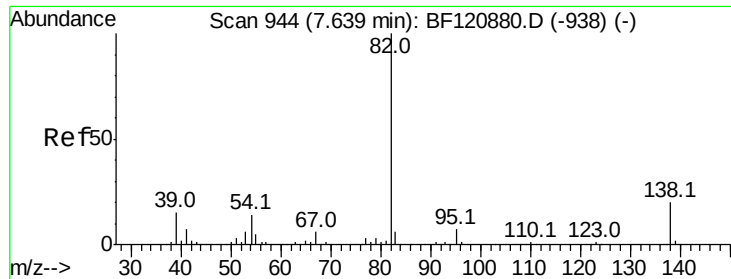


#24
 Nitrobenzene
 Concen: 41.445 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	40.1	60.1
65	13.6	10.8	16.2

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.389 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion: 82 Resp: 1094527

Ion Ratio Lower Upper

82 100

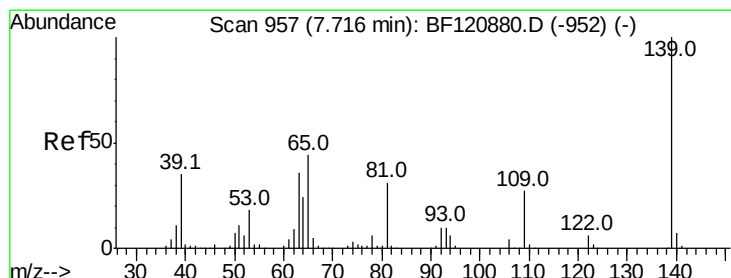
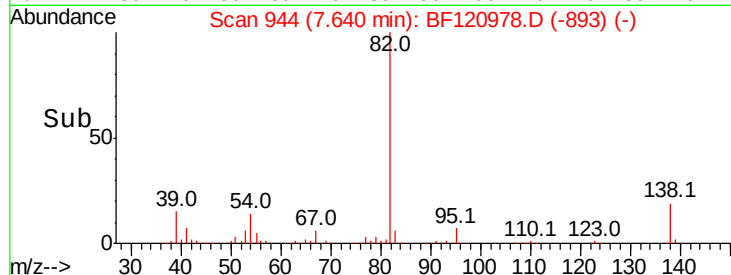
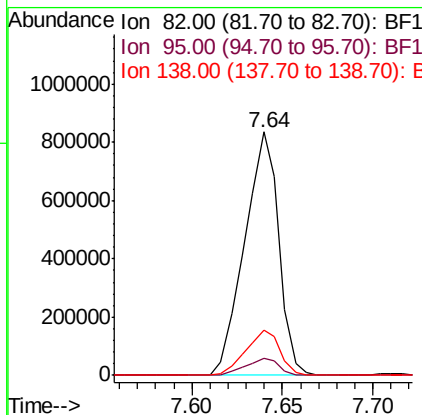
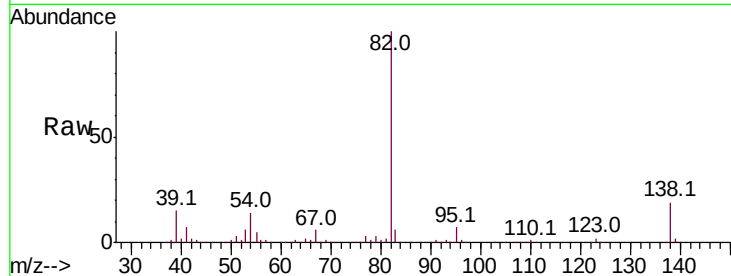
95 6.9 5.5 8.3

138 18.6 15.6 23.4

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#26

2-Nitrophenol

Concen: 47.530 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

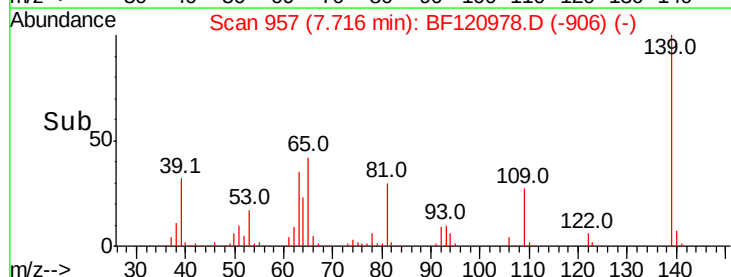
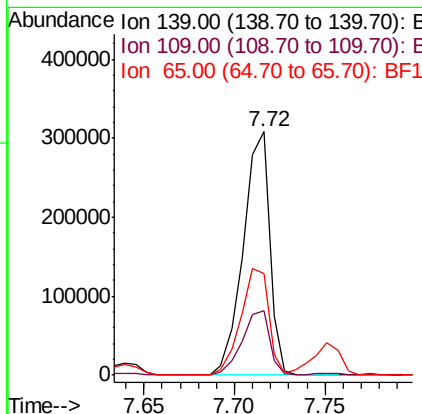
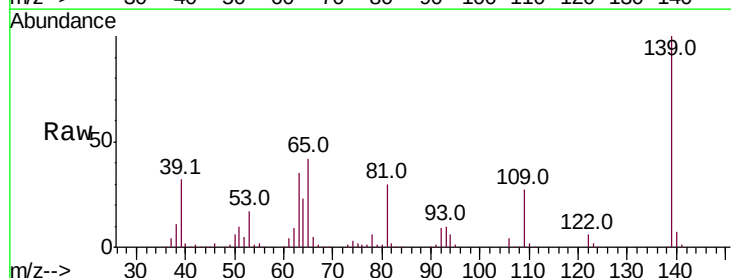
Tgt Ion: 139 Resp: 314776

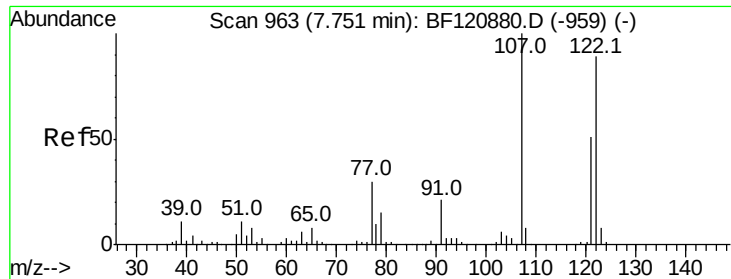
Ion Ratio Lower Upper

139 100

109 26.6 21.6 32.4

65 41.9 35.3 52.9





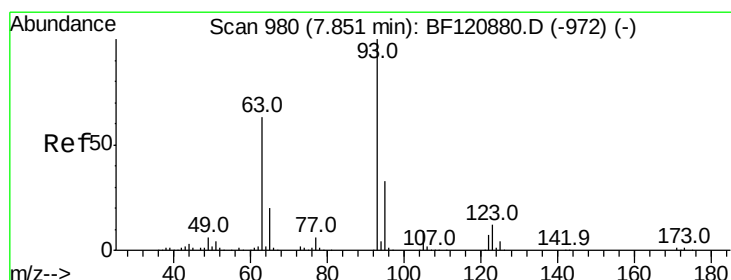
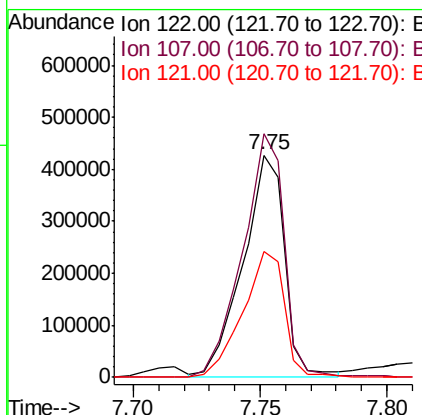
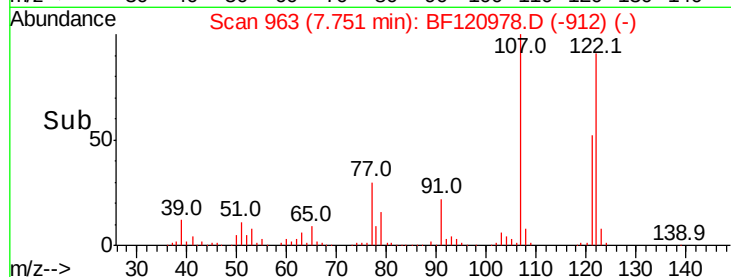
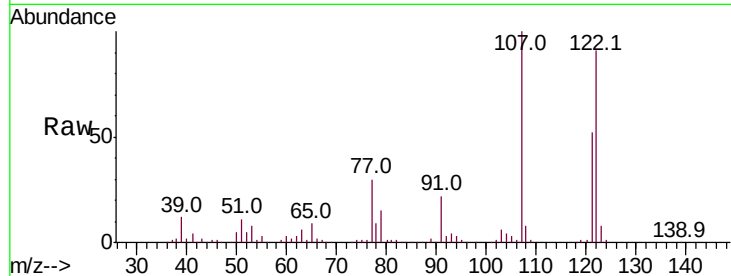
#27
 2,4-Dimethylphenol
 Concen: 45.515 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	489399		
107	109.6		89.4	134.0
121	56.9		46.0	69.0

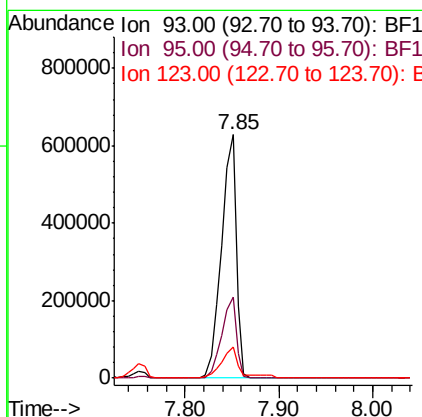
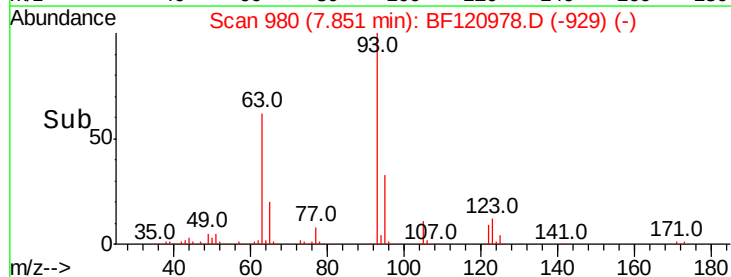
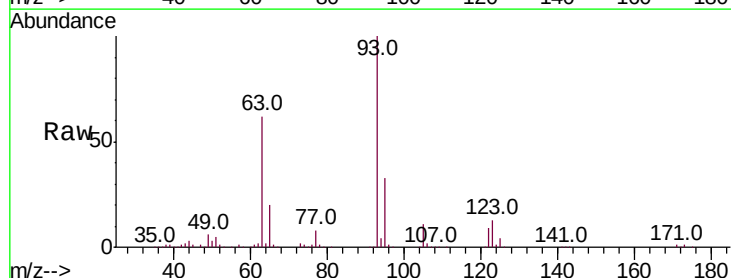
Manual Integrations
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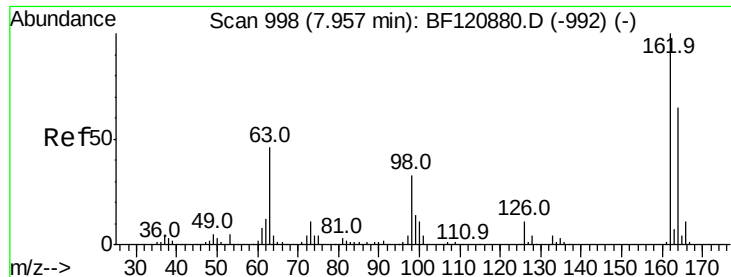
Sohil
 7/24/2020 12:12:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.390 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	699664		
95	33.5		26.6	39.8
123	12.6		10.0	15.0





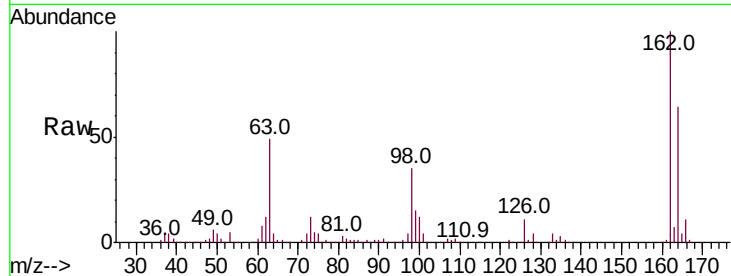
#29
2,4-Dichlorophenol
Concen: 44.103 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	484583		
164	63.5	45.3	85.3	
98	35.4	13.3	53.3	

Manual Integrations
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Sohil
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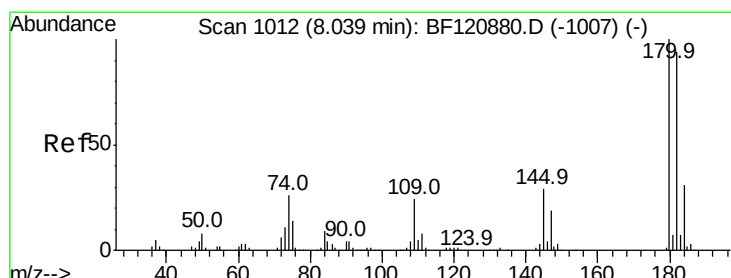
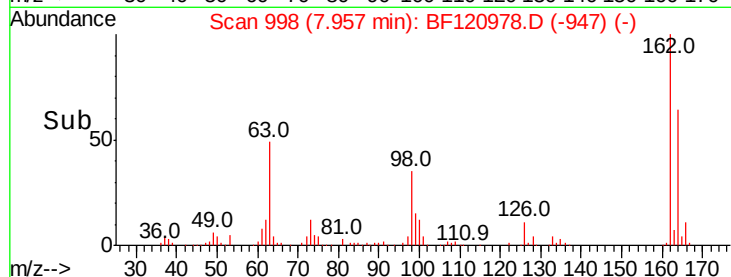
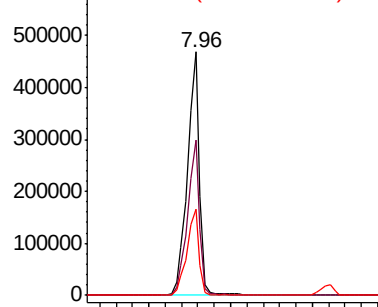


Abundance

Ion 162.00 (161.70 to 162.70): E

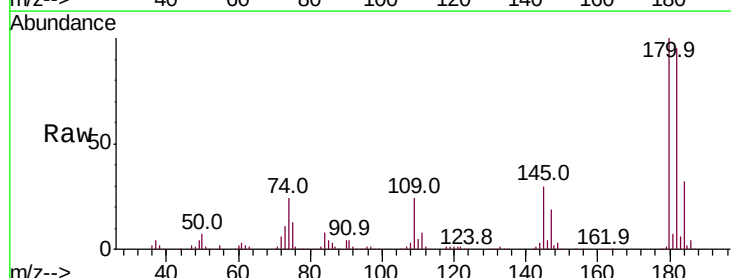
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.894 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	522887		
182	95.3	75.0	112.6	
145	29.7	23.5	35.3	

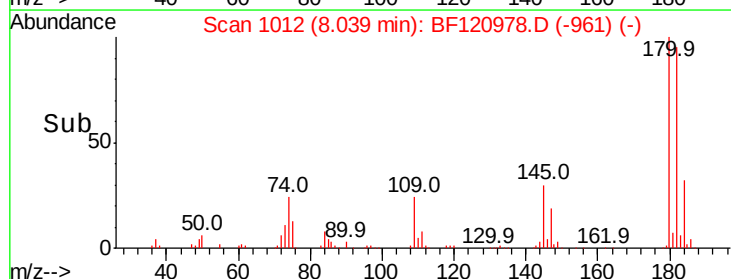
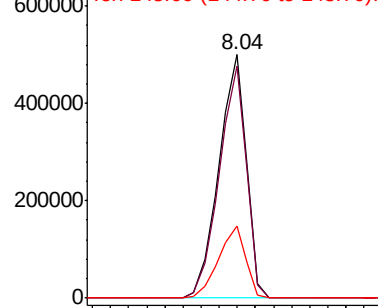


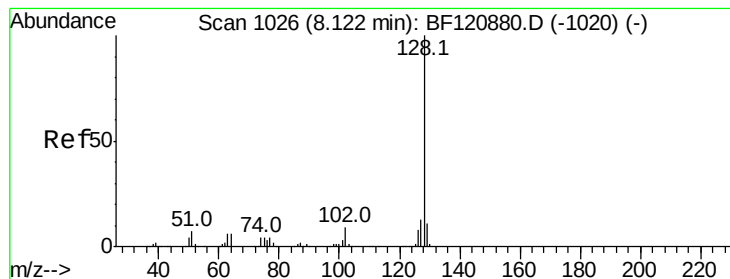
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.250 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion:128 Resp: 1584025

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

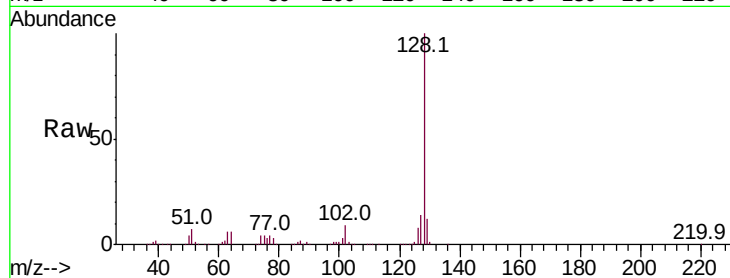
127 13.7 10.7 16.1

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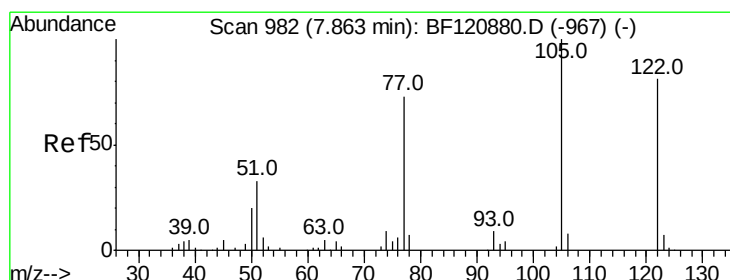
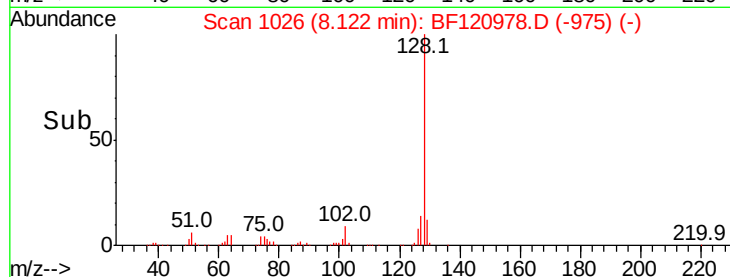
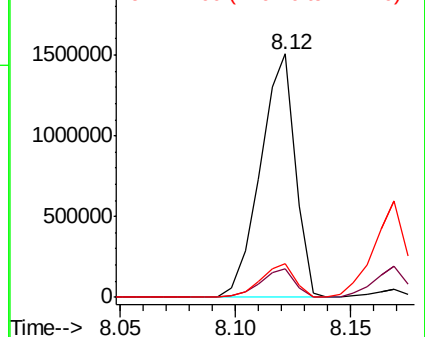


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.671 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

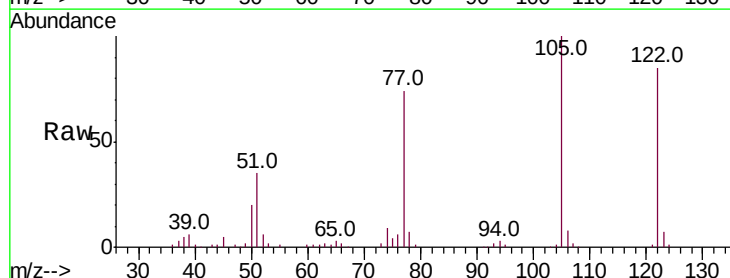
Tgt Ion:122 Resp: 376705

Ion Ratio Lower Upper

122 100

105 118.2 101.3 141.3

77 88.0 69.1 109.1

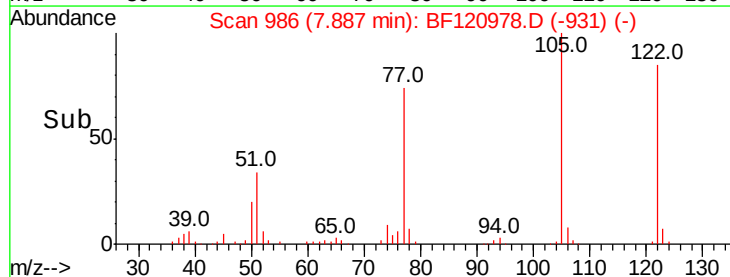
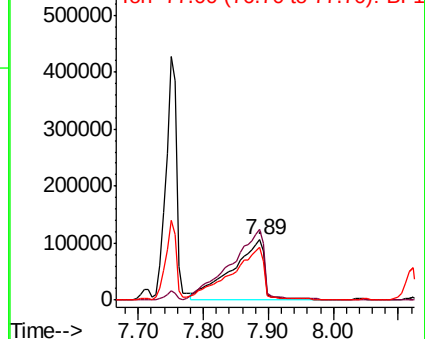


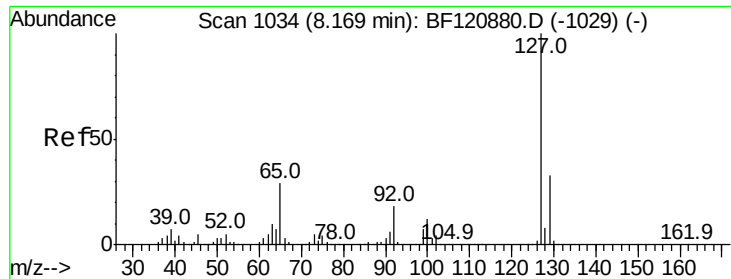
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





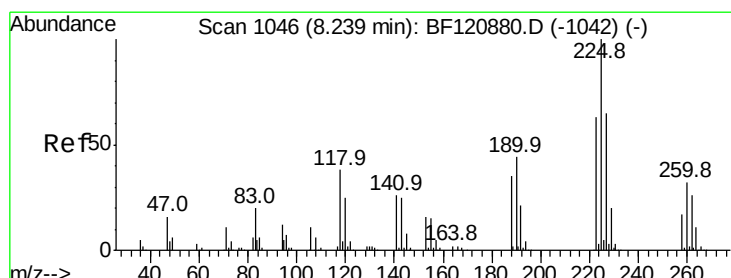
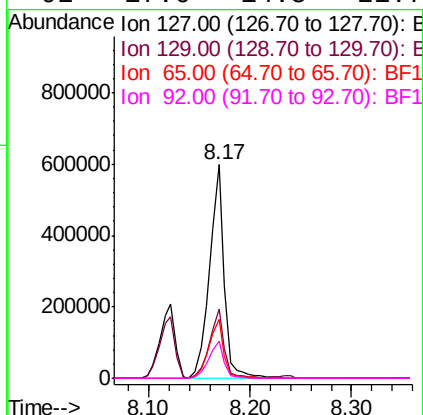
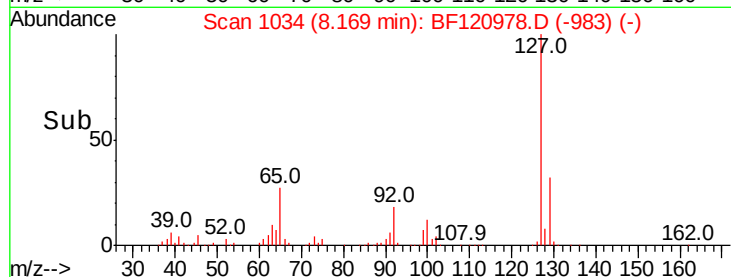
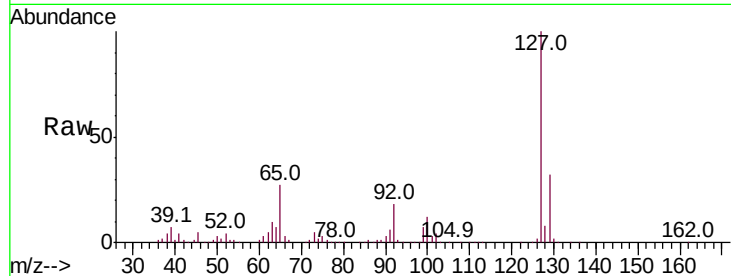
#33
4-Chloroaniline
Concen: 35.026 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.5	39.7	
65	27.3	23.0	34.4	
92	17.6	14.5	21.7	

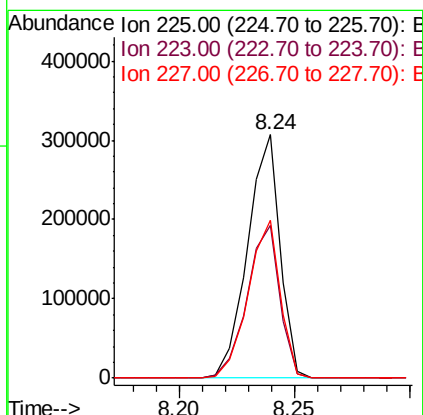
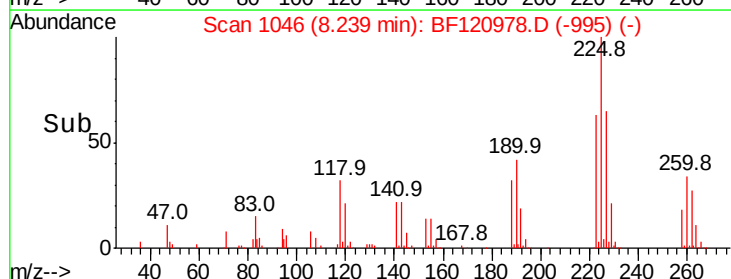
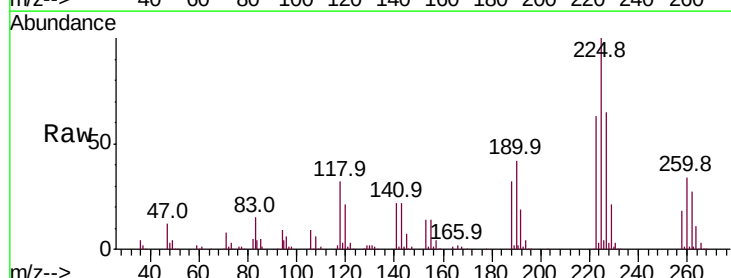
Manual Integrations
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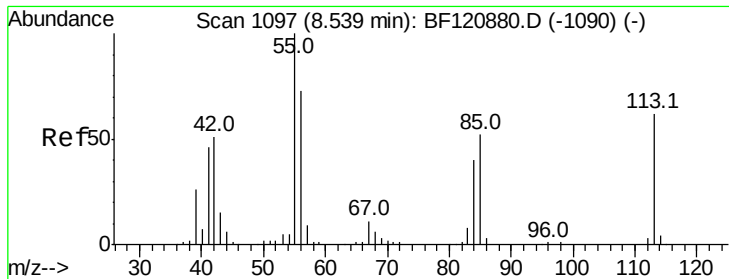
Sohil
7/24/2020 12:12:12 PM



#34
Hexachlorobutadiene
Concen: 42.033 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.6	76.0	
227	65.0	52.2	78.2	





#35

Caprolactam

Concen: 42.703 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion:113 Resp: 150466

Ion Ratio Lower Upper

113 100

55 165.6 143.3 183.3

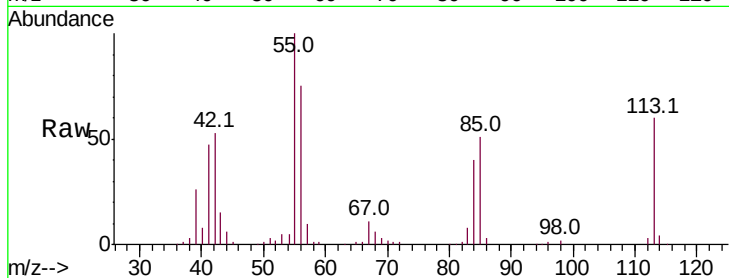
56 124.1 99.4 139.4

Manual Integrations

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Sohil

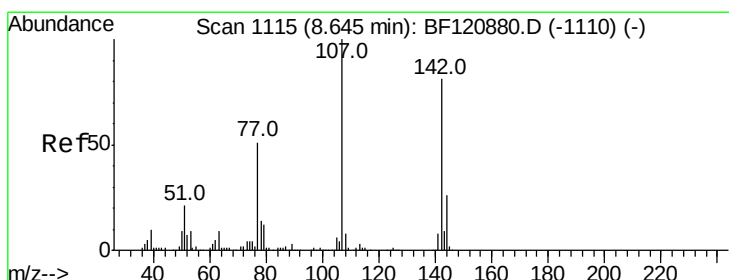
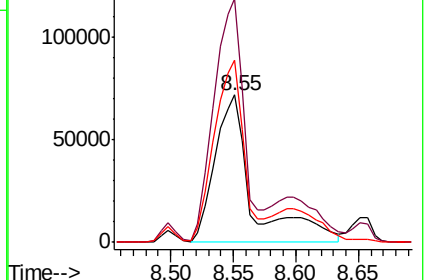
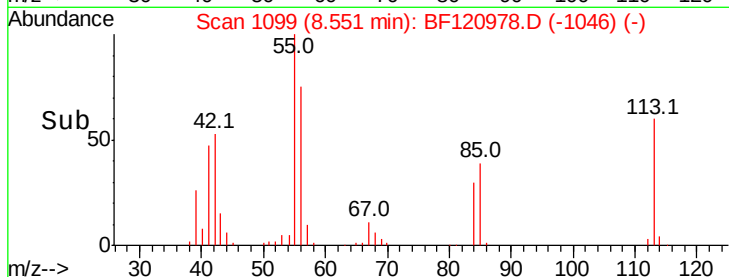
7/24/2020 12:12:12 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.996 ng/mL

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

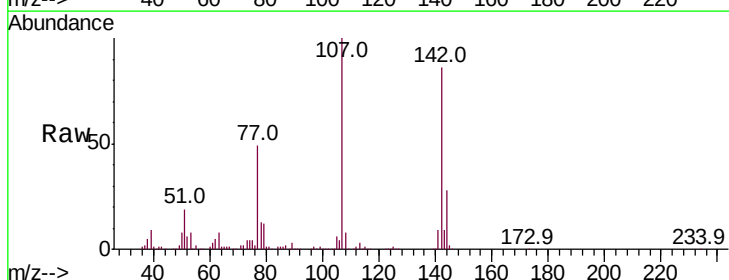
Tgt Ion:107 Resp: 507045

Ion Ratio Lower Upper

107 100

144 28.1 21.0 31.6

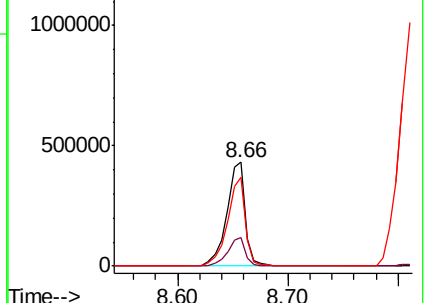
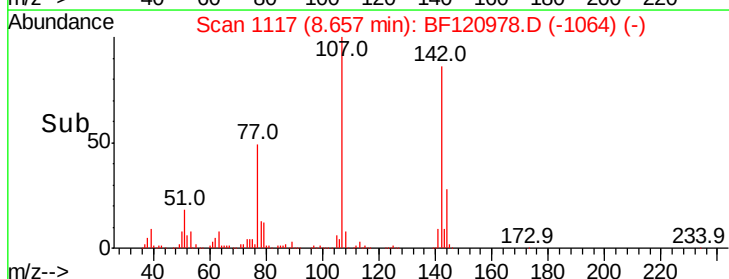
142 86.3 65.0 97.6

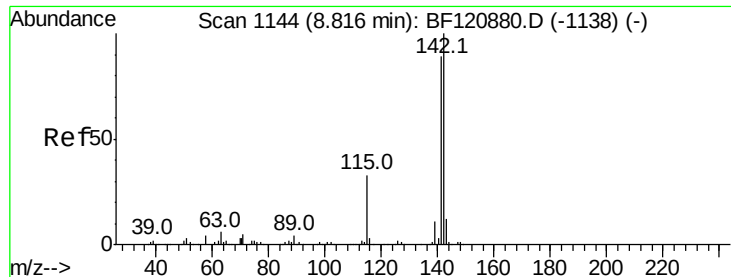


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





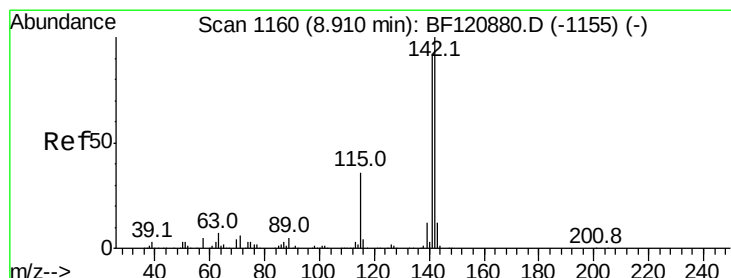
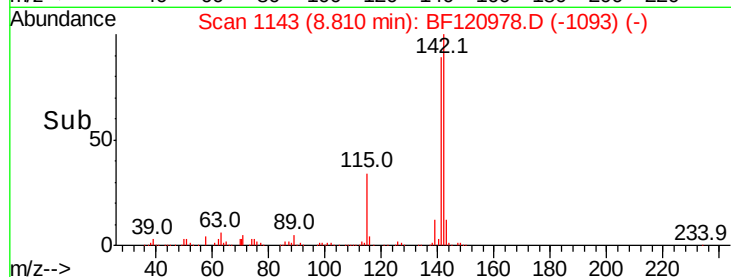
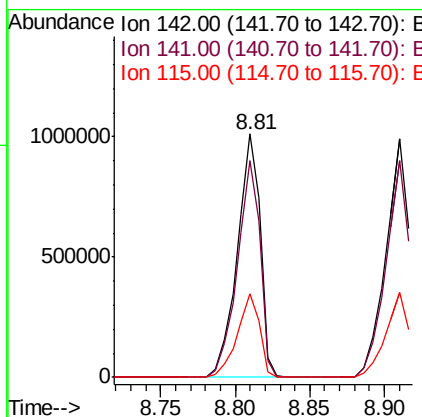
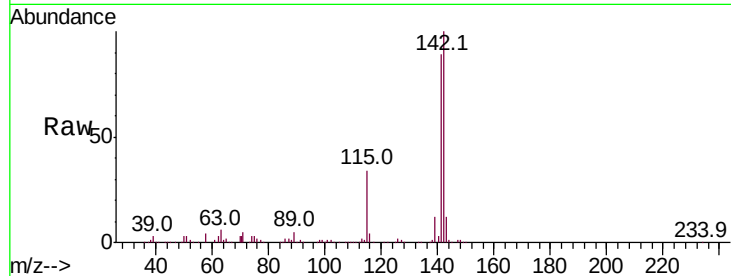
#37
2-Methylnaphthalene
Concen: 43.500 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampled :
PB130373BS

Tot Ion:142 Resp: 1084620
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.4
115 34.5 26.0 39.0

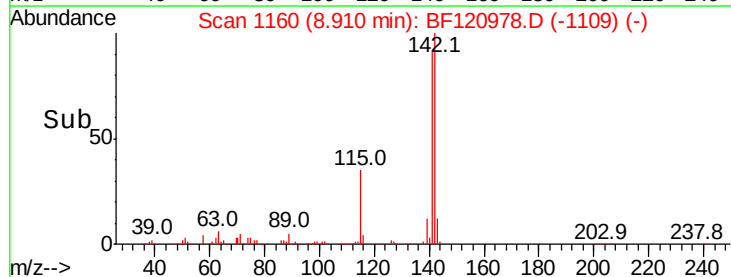
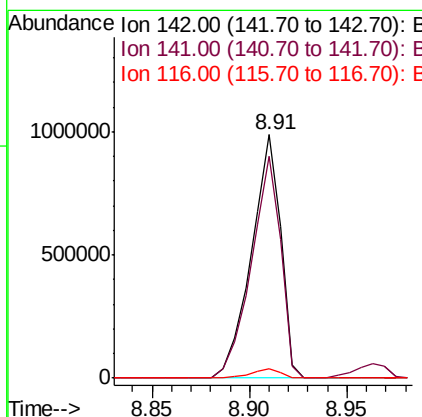
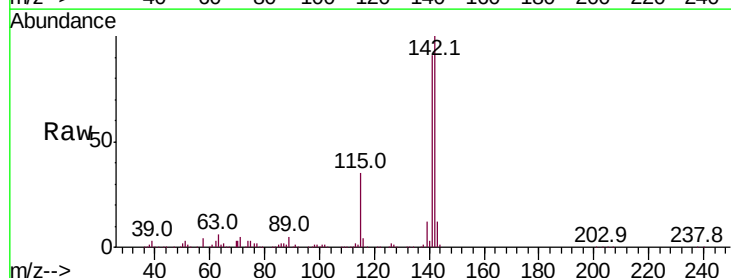
Manual Integrations
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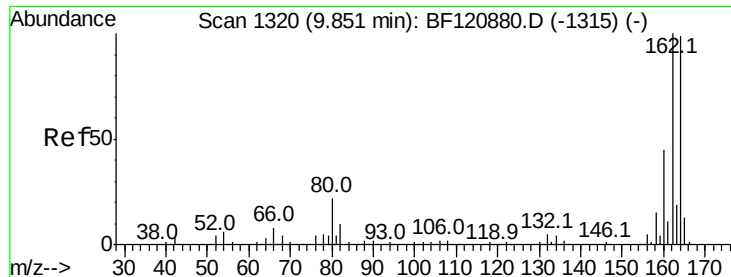
Sohil
7/24/2020 12:12:12 PM



#38
1-Methylnaphthalene
Concen: 43.569 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:142 Resp: 1028857
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5
116 3.8 3.0 4.6





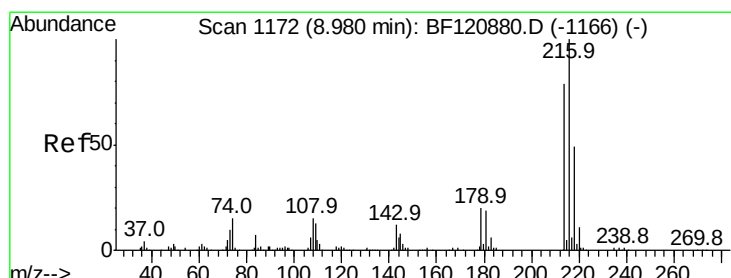
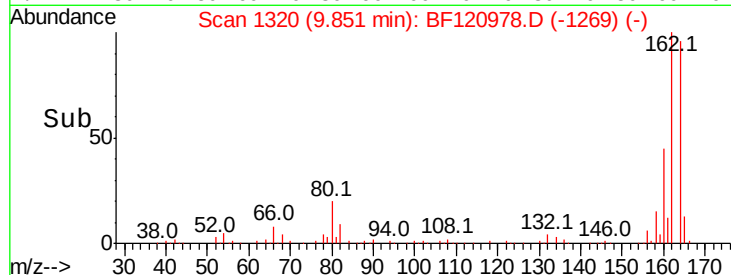
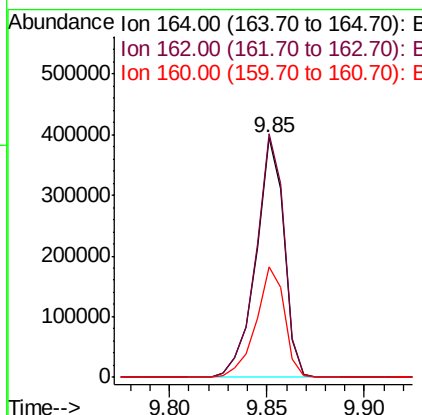
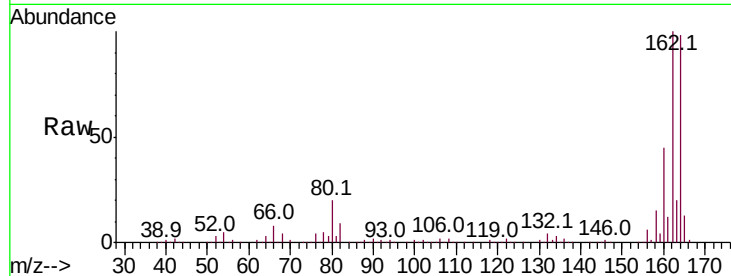
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	46.1	36.9	55.3

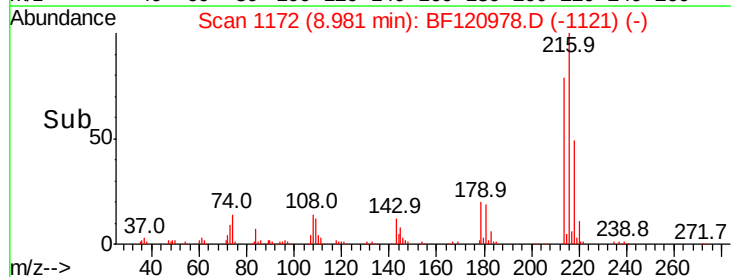
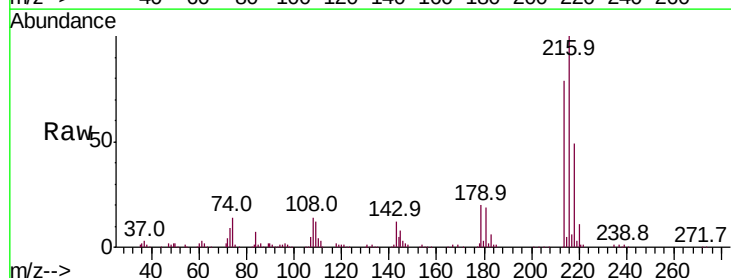
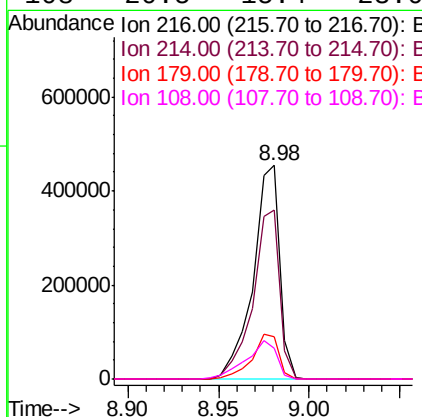
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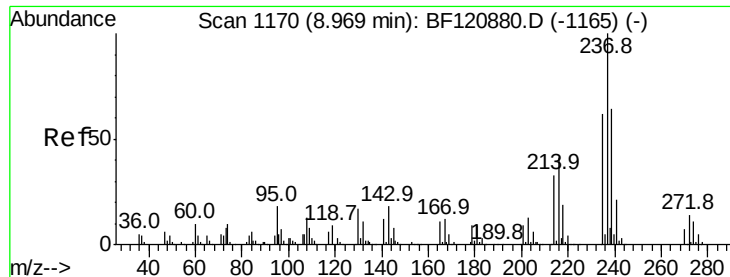
Sohil
7/24/2020 12:12:12 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.732 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.8
179	20.6	16.6	24.8
108	20.5	15.4	23.0





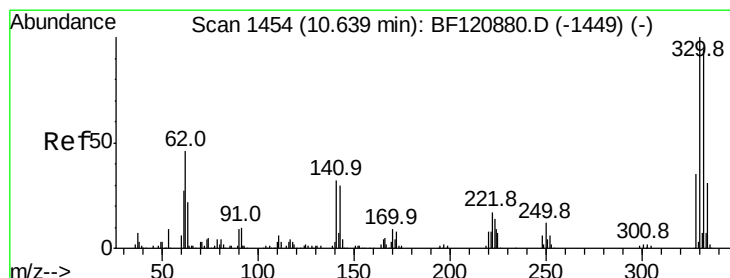
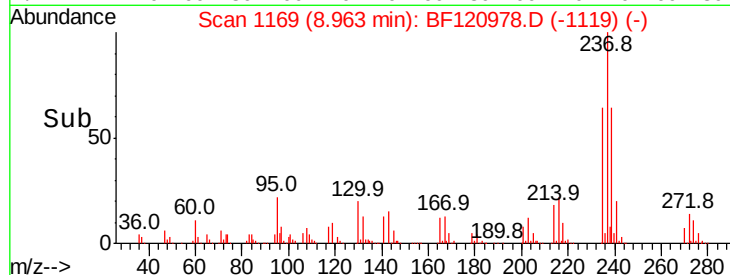
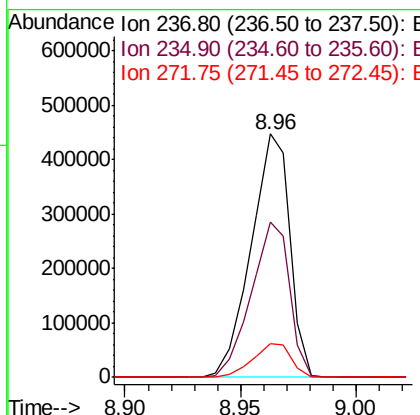
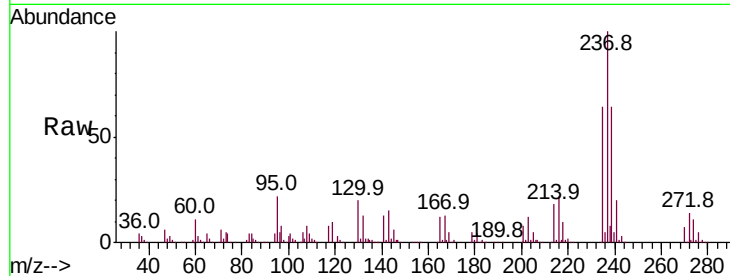
#41
Hexachlorocyclopentadiene
Concen: 82.613 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	521935		
235	63.9	41.6	81.6	
272	13.7	0.0	33.7	

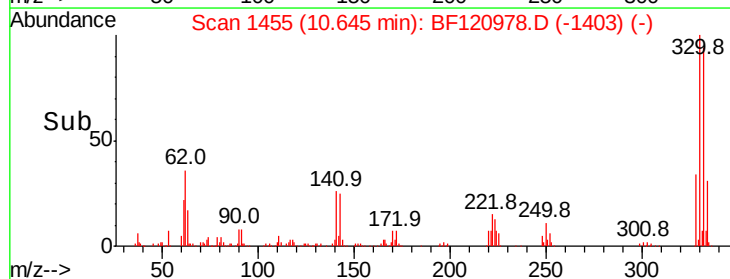
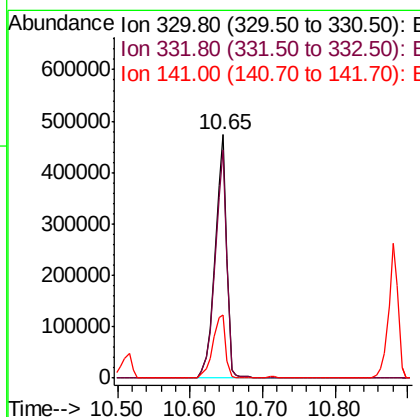
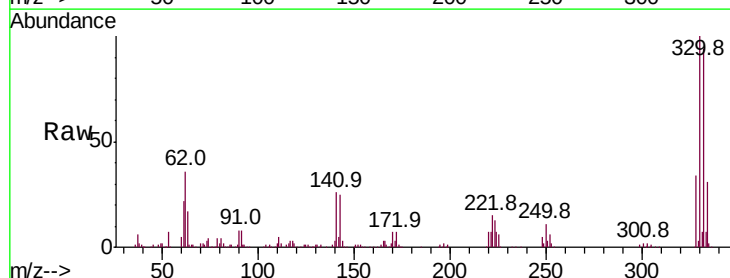
Manual Integrations
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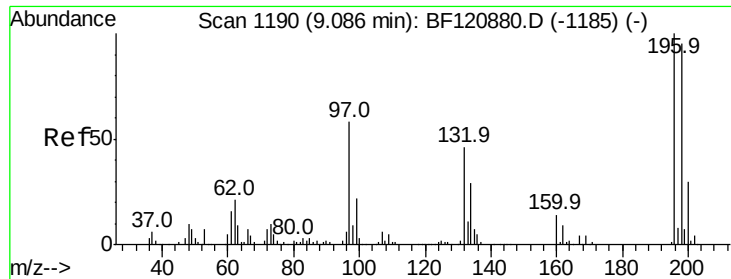
Sohil
7/24/2020 12:12:12 PM



#42
2,4,6-Tribromophenol
Concen: 122.278 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	525138		
332	95.0	75.5	113.3	
141	28.8	25.7	38.5	





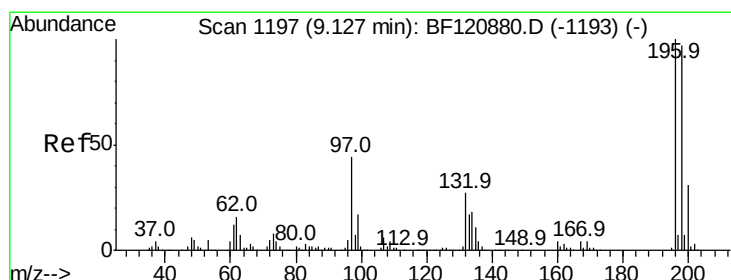
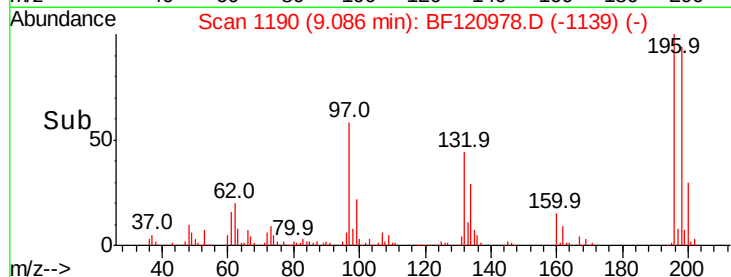
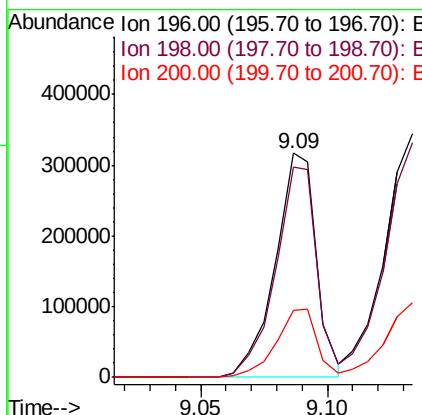
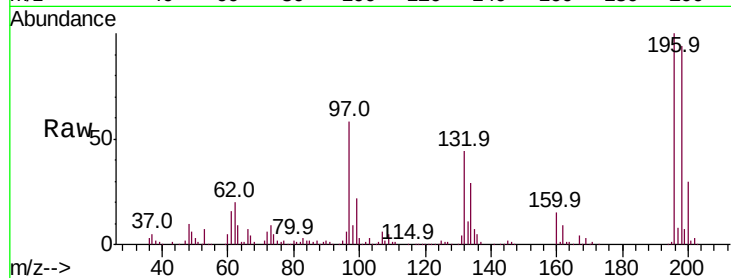
#43
 2,4,6-Trichlorophenol
 Concen: 44.664 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleID :
 PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	359488		
198	94.0	75.7	113.5	
200	29.8	24.4	36.6	

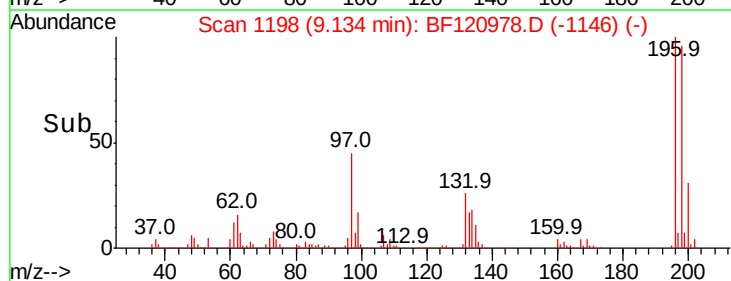
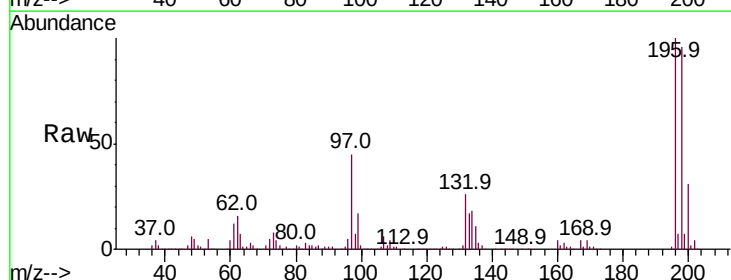
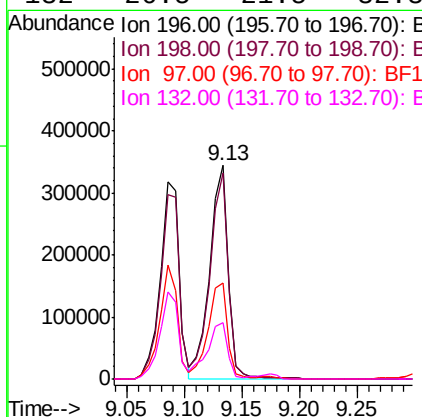
Manual Integrations
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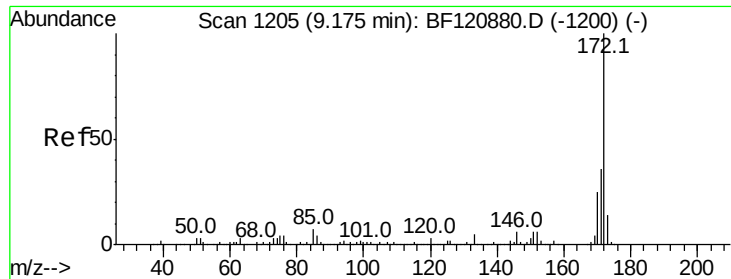
Sohil
 7/24/2020 12:12:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.049 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	383901		
198	96.3	77.6	116.4	
97	44.9	35.6	53.4	
132	26.5	21.5	32.3	





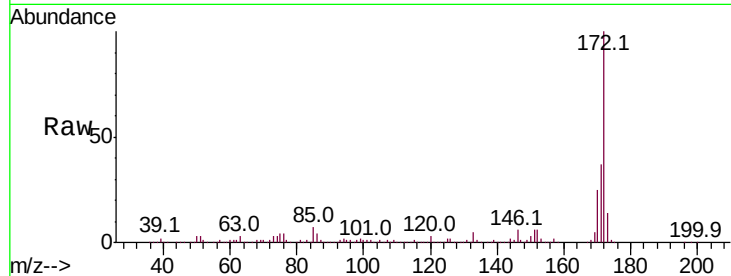
#45
2-Fluorobiphenyl
Concen: 75.432 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.8	19.6	29.4

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

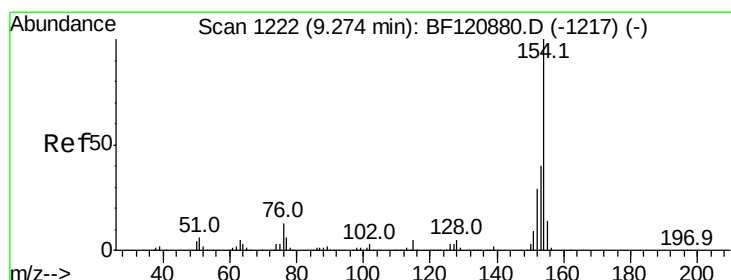
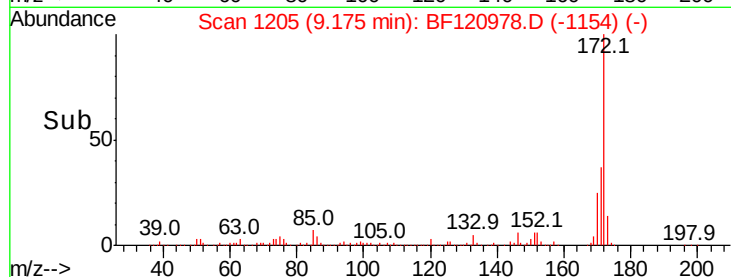
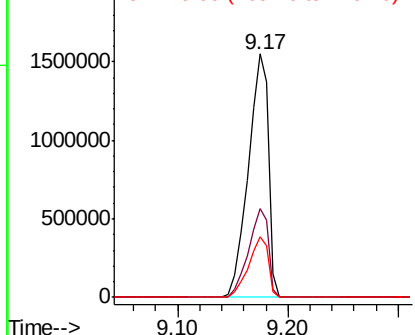


Abundance

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: 42.603 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

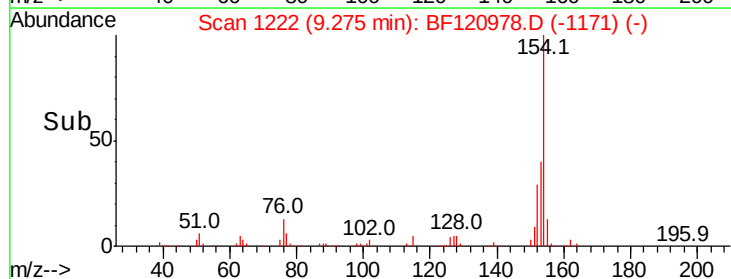
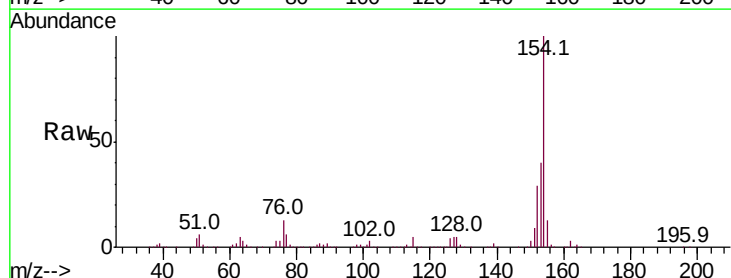
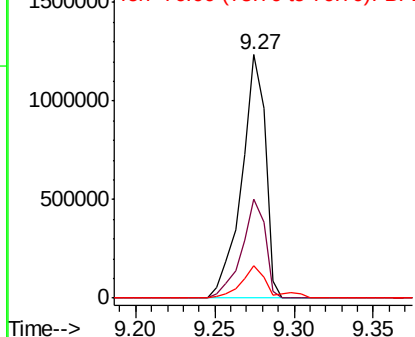
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	13.2	0.0	33.1

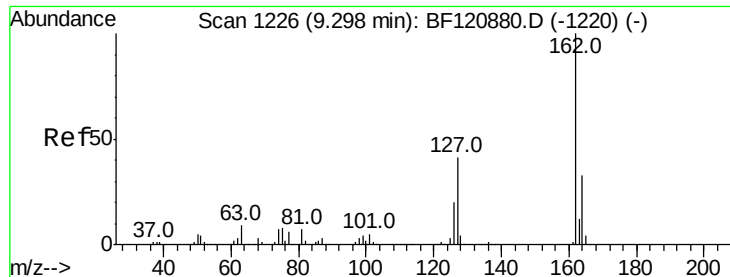
Abundance

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





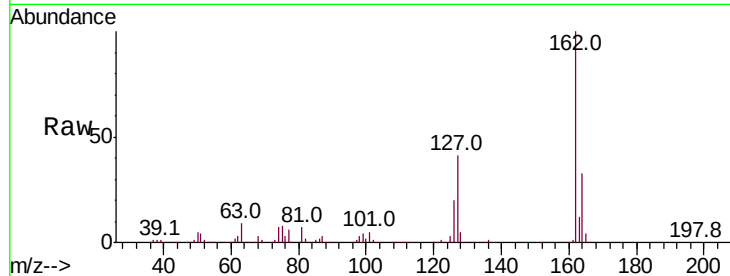
#47
2-Chloronaphthalene
Concen: 41.378 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.3	49.9
164	32.7	26.6	39.8

Manual Integrations
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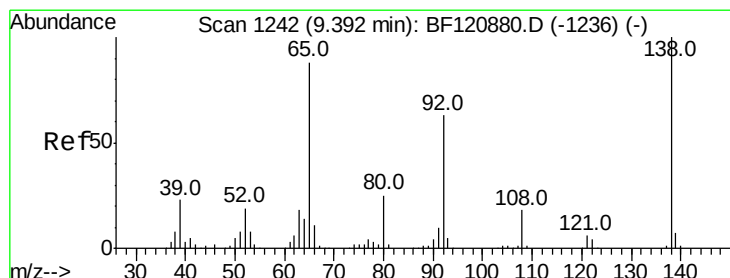
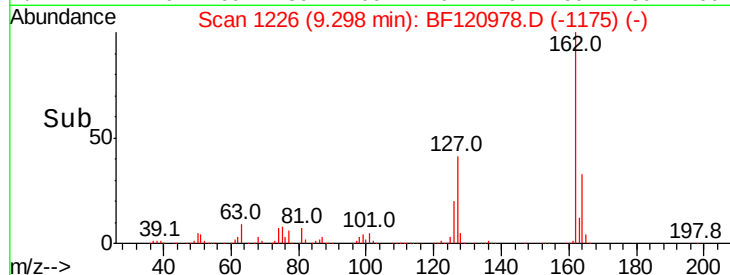
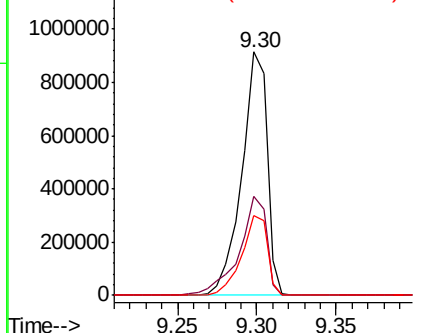


Abundance

Ion 162.00 (161.70 to 162.70): E

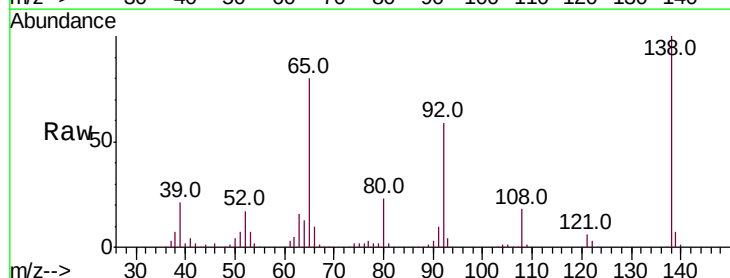
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.305 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.0	85.4
138	124.5	90.4	135.6

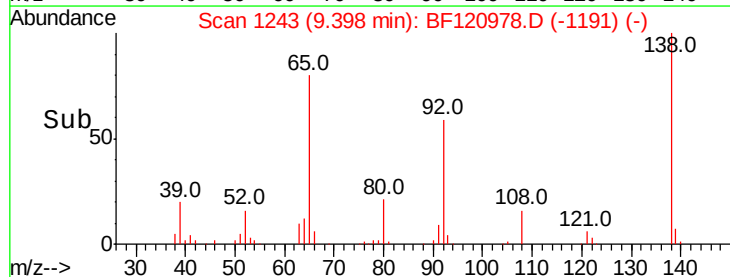
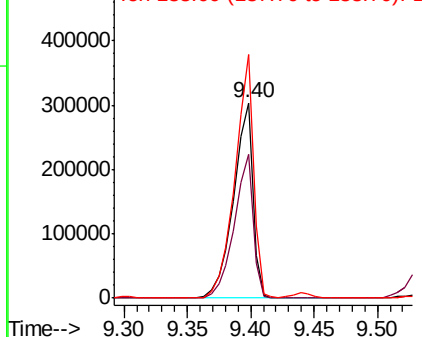


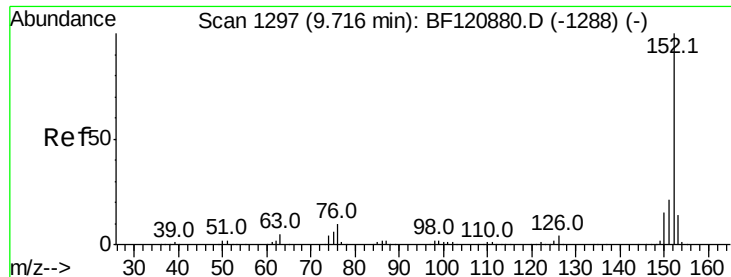
Abundance

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: 41.683 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion:152 Resp: 1580065

Ion Ratio Lower Upper

152 100

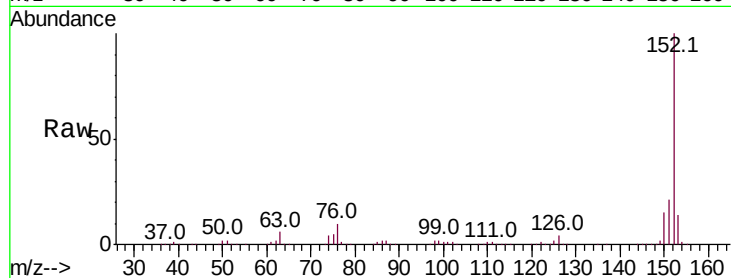
151 20.9 16.6 25.0

153 13.7 10.9 16.3

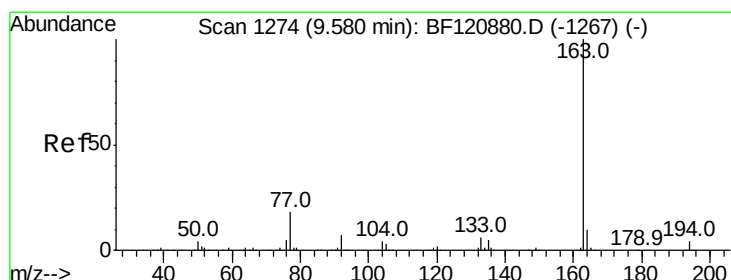
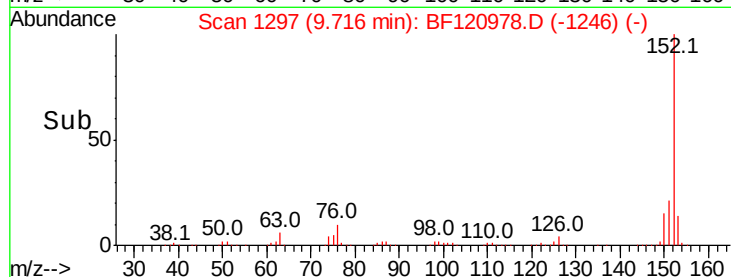
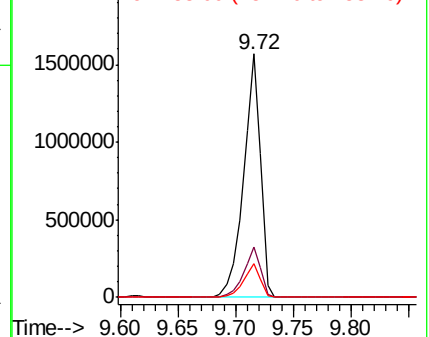
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.101 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

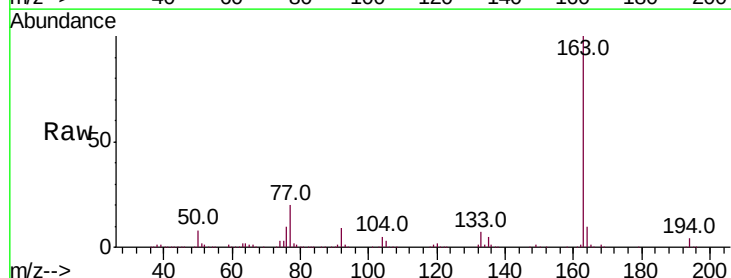
Tgt Ion:163 Resp: 1219991

Ion Ratio Lower Upper

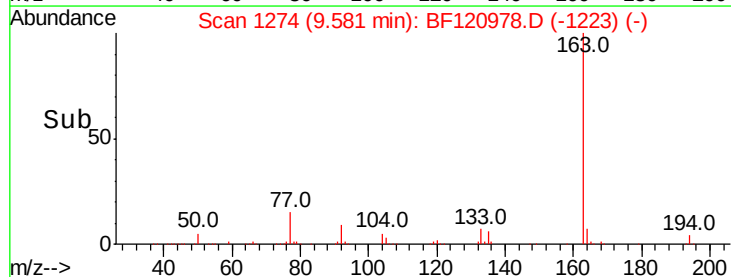
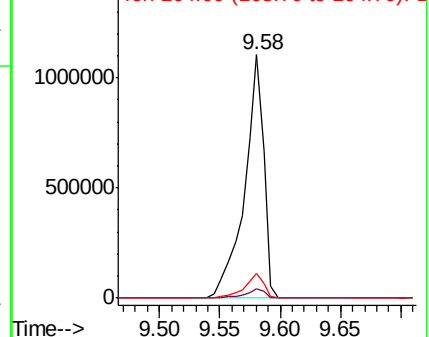
163 100

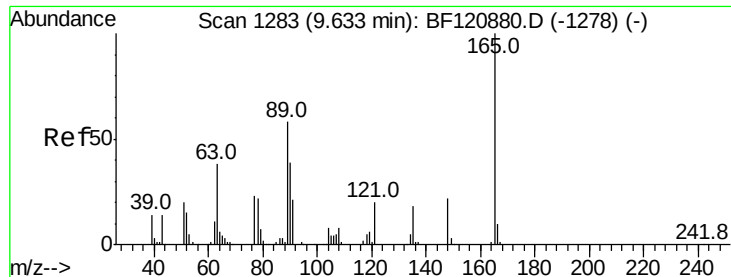
194 3.8 3.2 4.8

164 10.4 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





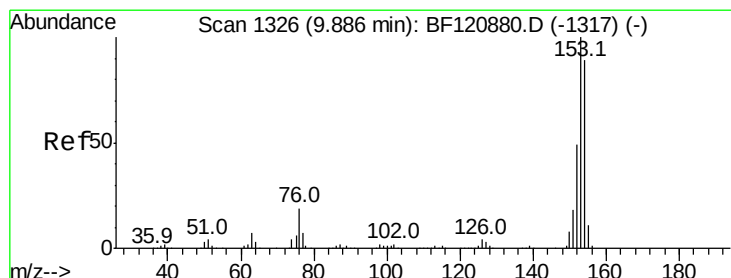
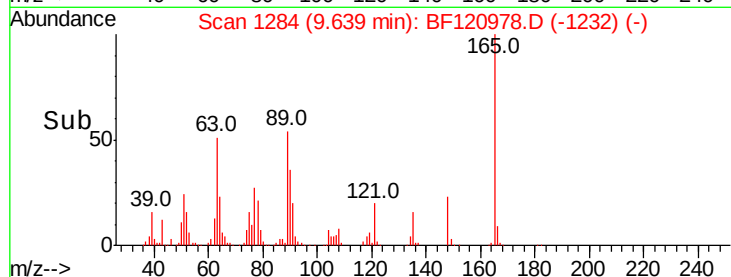
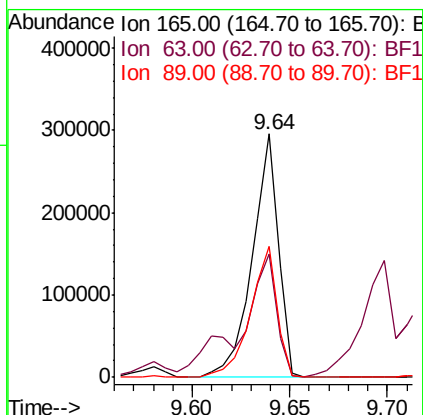
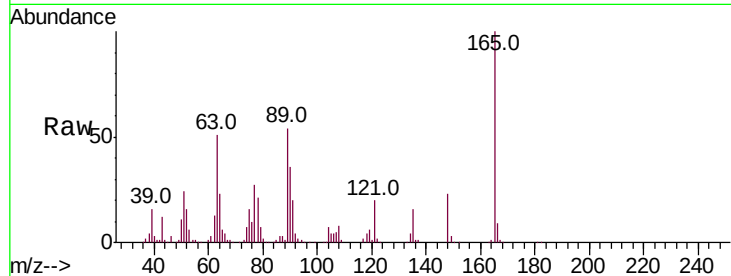
#51
2,6-Dinitrotoluene
Concen: 45.153 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	274579		
63	50.6		45.4	68.2
89	53.9		47.0	70.4

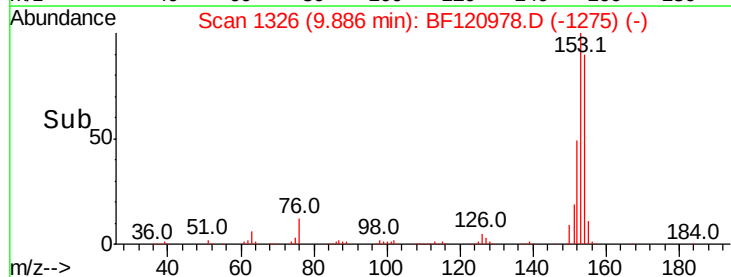
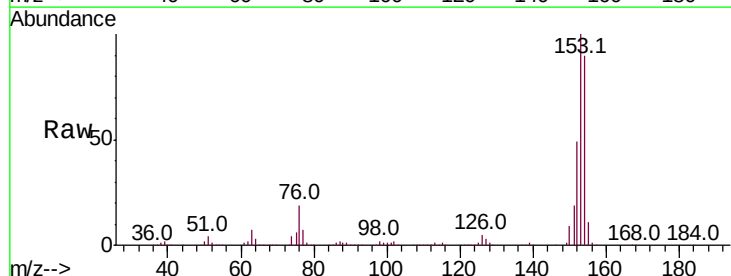
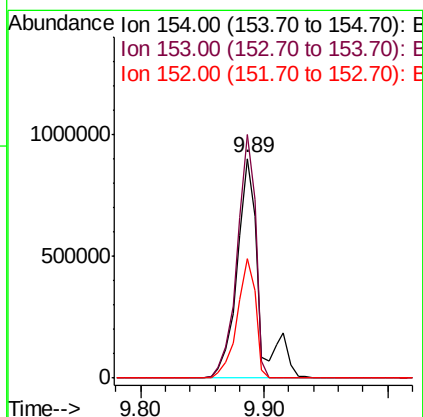
Manual Integrations
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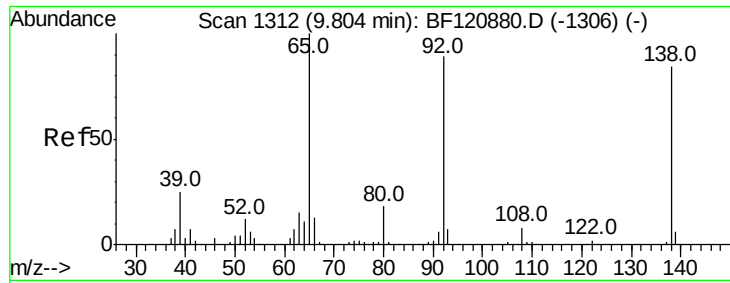
Sohil
7/24/2020 12:12:12 PM



#52
Acenaphthene
Concen: 46.128 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1111693		
153	110.7		89.5	134.3
152	54.5		44.2	66.2





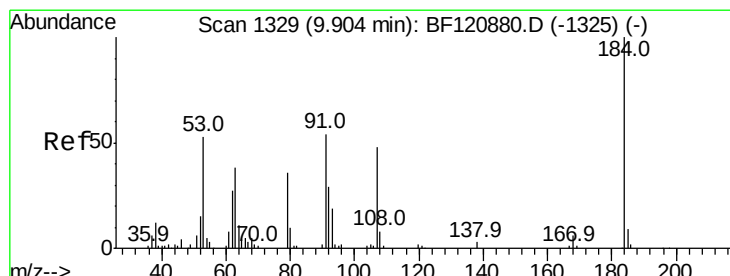
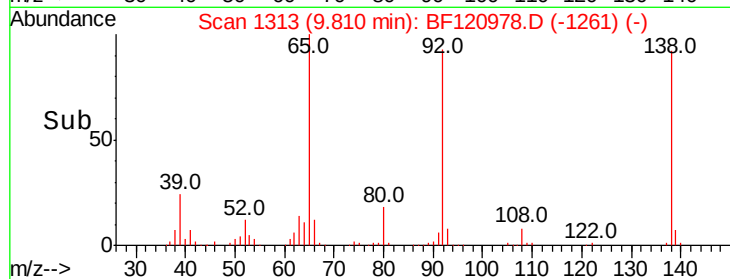
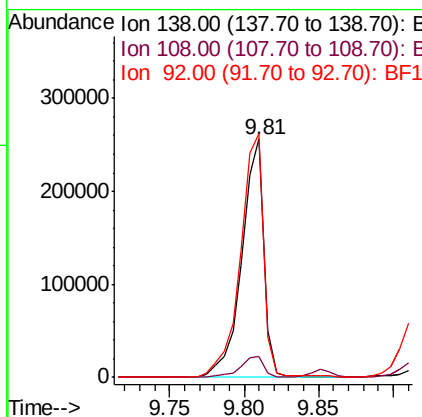
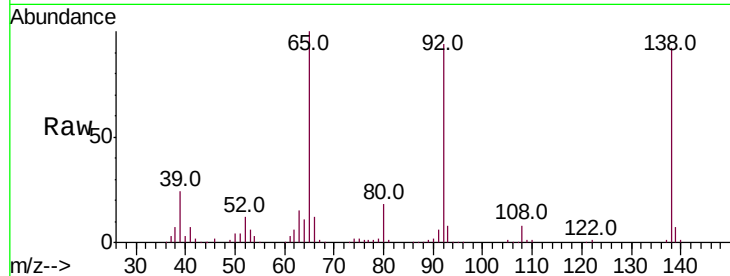
#53
3-Nitroaniline
Concen: 34.352 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.9	11.9
92	102.3	85.3	127.9

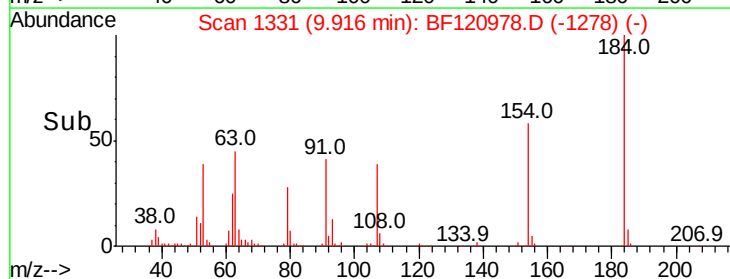
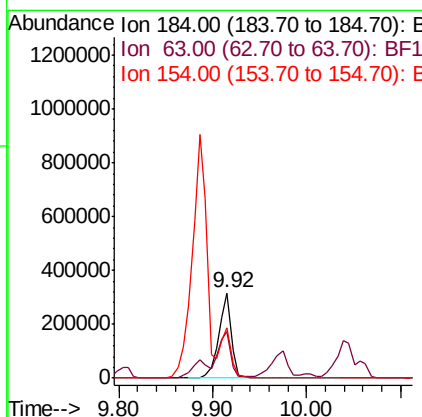
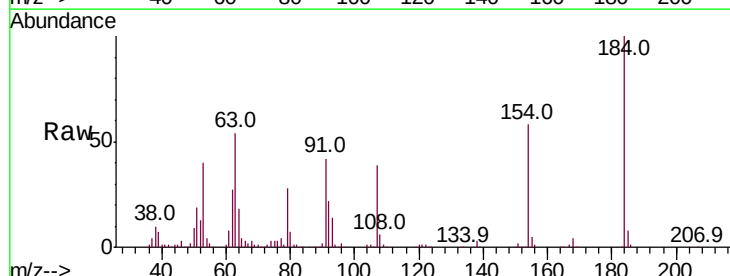
Manual Integrations
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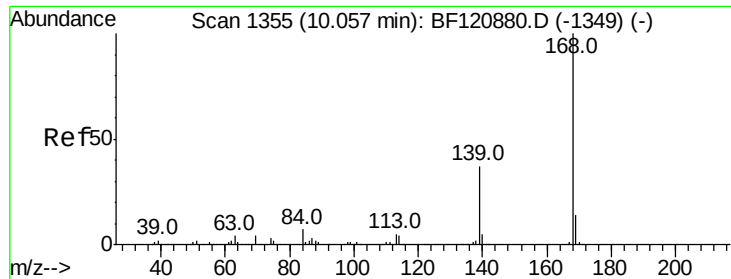
Sohil
7/24/2020 12:12:12 PM



#54
2,4-Dinitrophenol
Concen: 85.256 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	57.9	86.9#
154	58.3	52.6	78.8





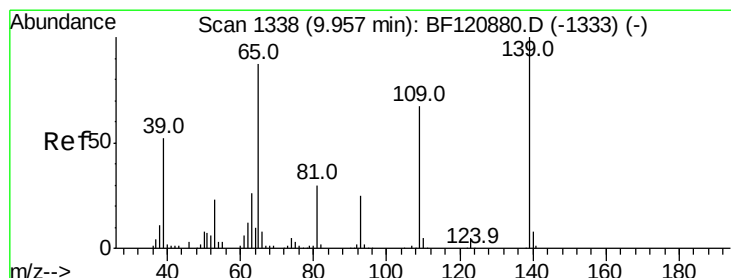
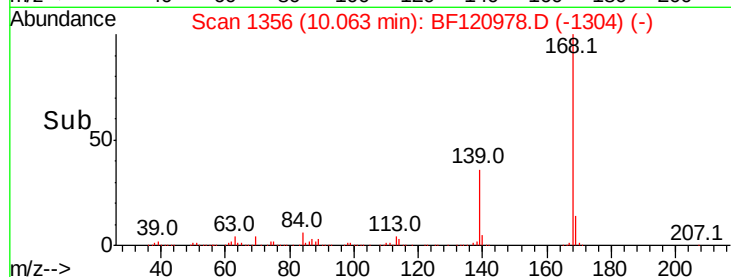
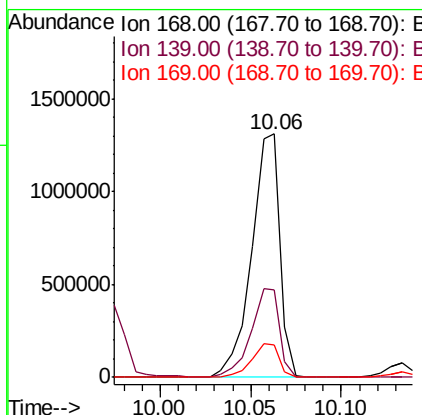
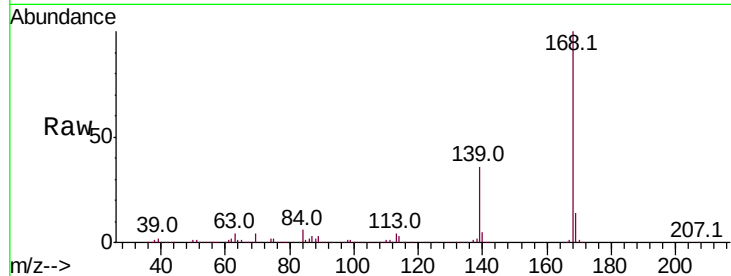
#55
Dibenzofuran
Concen: 40.834 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.7	44.5
169	13.5	11.1	16.7

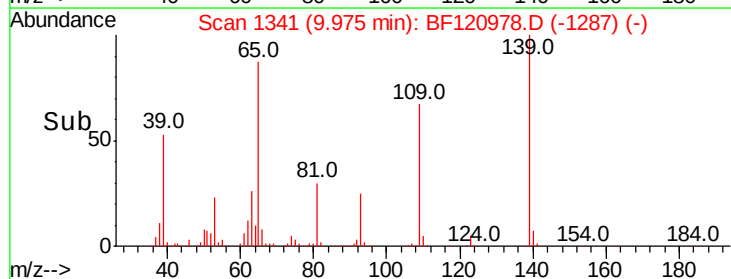
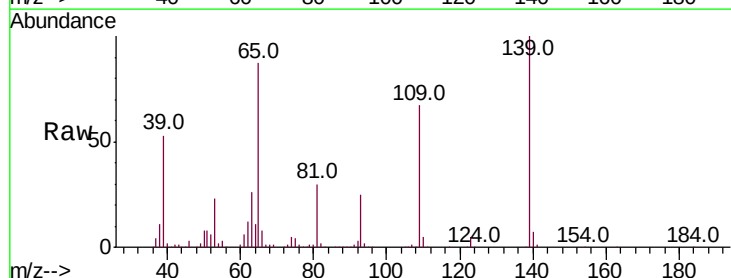
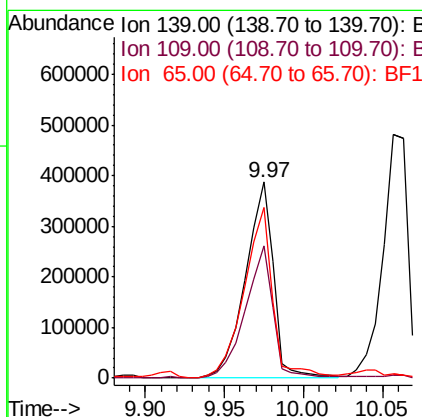
Manual Integrations
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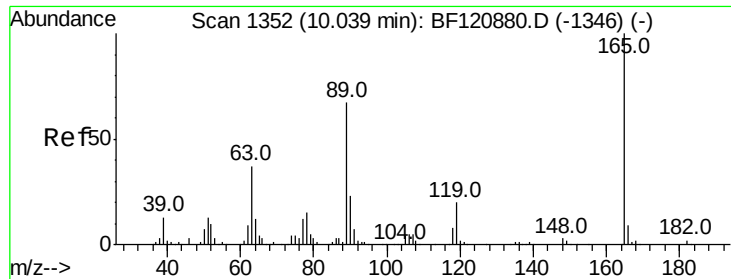
Sohil
7/24/2020 12:12:12 PM



#56
4-Nitrophenol
Concen: 82.133 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	47.3	87.3
65	87.0	67.2	107.2





#57

2,4-Dinitrotoluene

Concen: 45.508 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

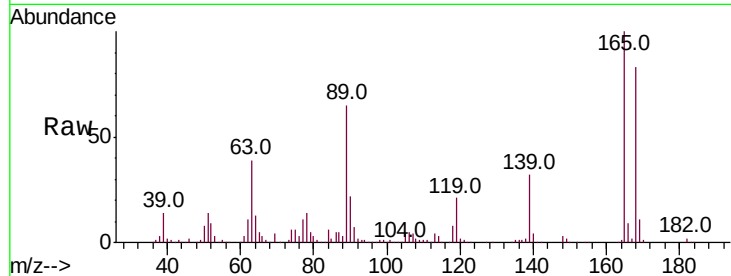
ClientSampleId :

PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.9	29.4	44.2	
89	64.8	53.4	80.0	
182	2.4	1.8	2.6	

Manual Integrations
APPROVED

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



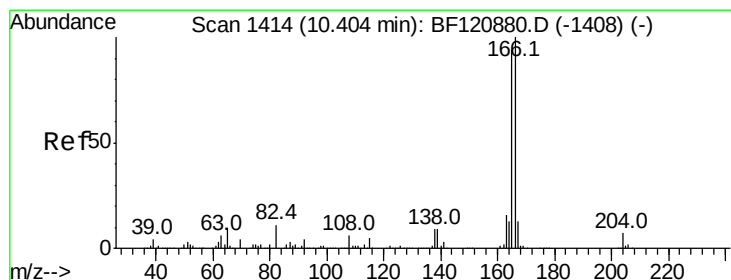
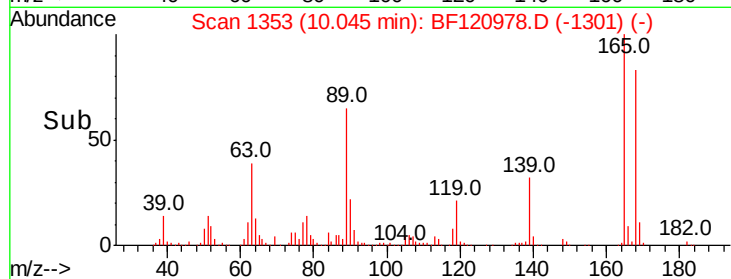
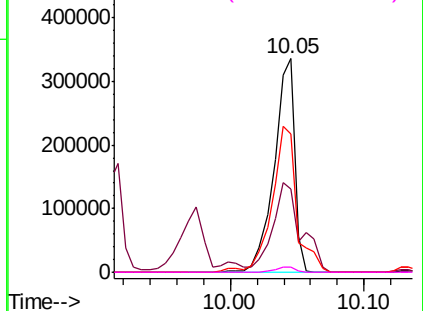
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.708 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

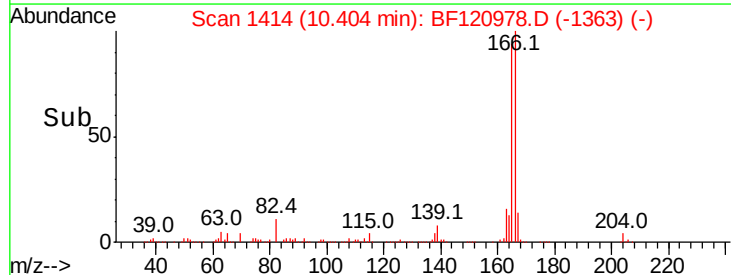
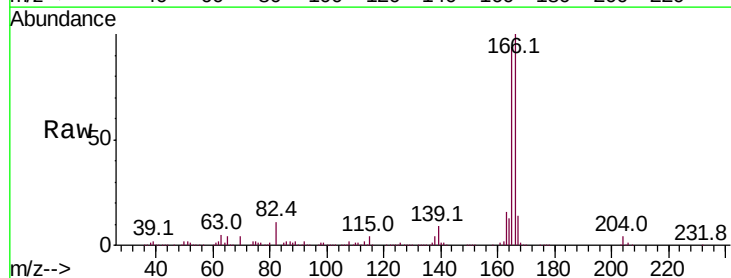
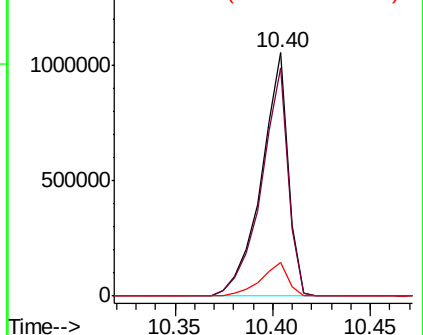
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.8	75.4	113.0	
167	13.6	10.6	15.8	

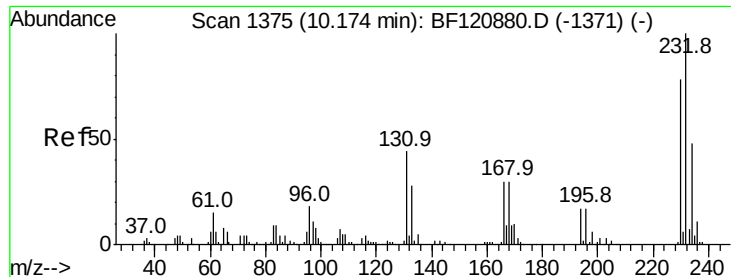
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.738 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion:232 Resp: 324887

Ion Ratio Lower Upper

232 100

131 43.9 37.1 55.7

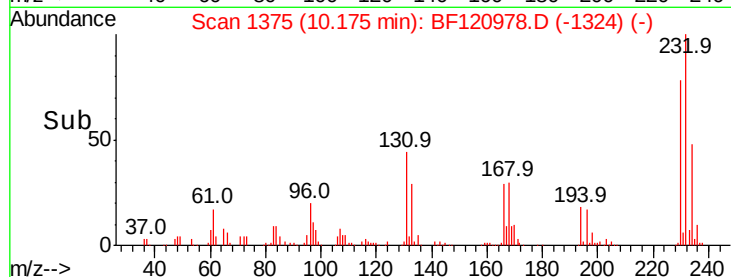
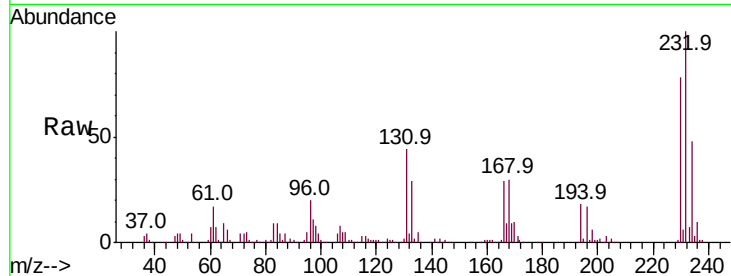
130 2.1 1.7 2.5

166 28.8 24.2 36.4

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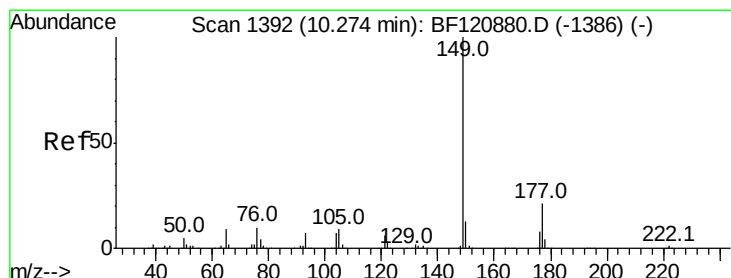
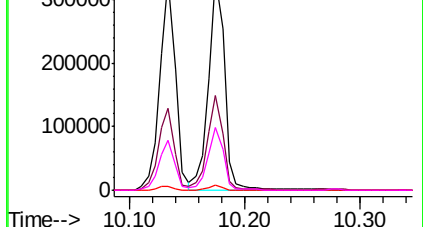


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.490 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

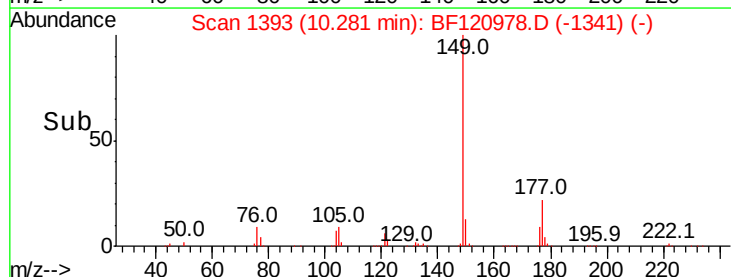
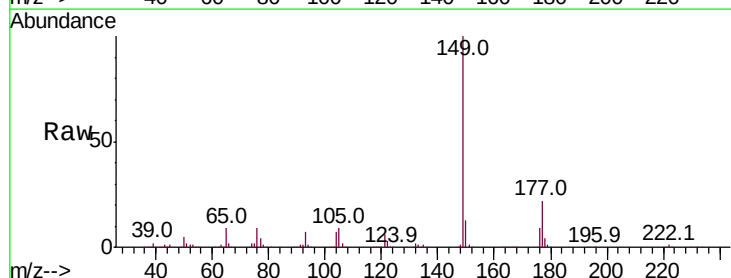
Tgt Ion:149 Resp: 1216494

Ion Ratio Lower Upper

149 100

177 22.4 17.1 25.7

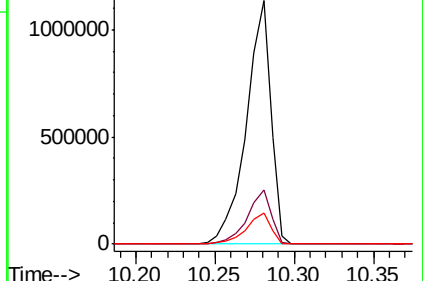
150 13.0 10.3 15.5

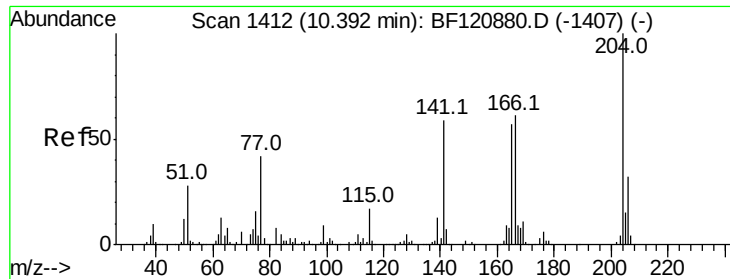


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





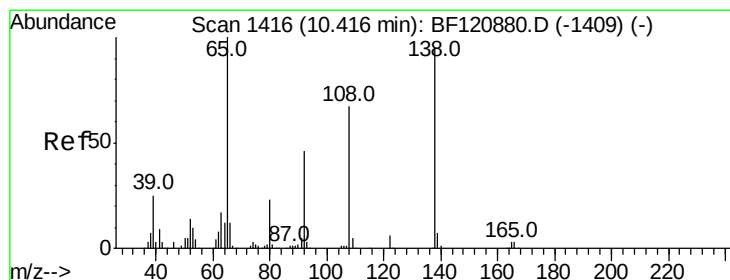
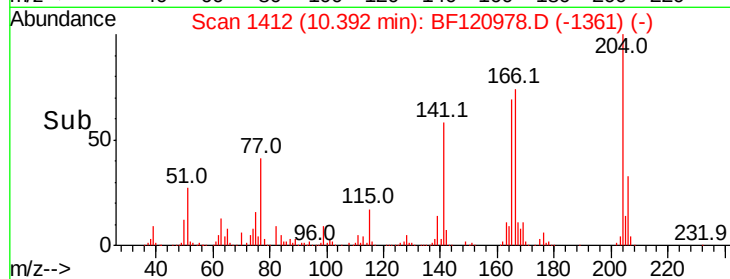
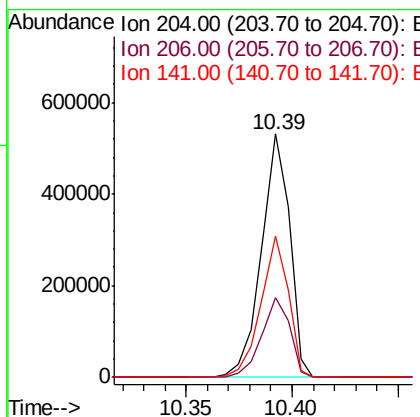
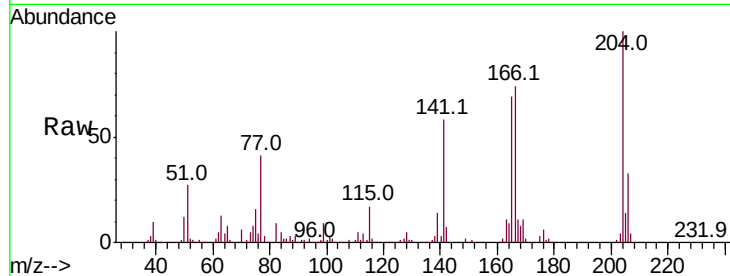
#61
 4-Chlorophenyl-phenylether
 Concen: 35.782 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	58.1	47.2	70.8

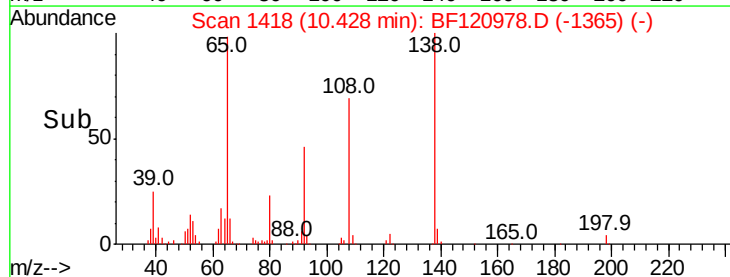
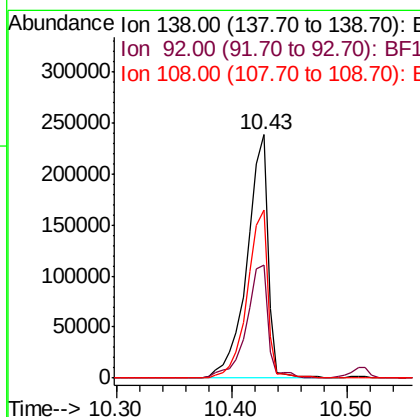
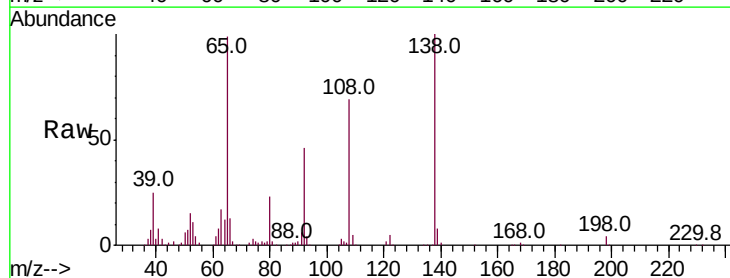
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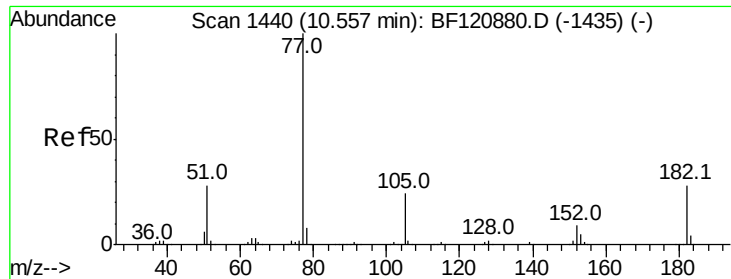
Sohil
 7/24/2020 12:12:12 PM



#62
 4-Nitroaniline
 Concen: 40.449 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	28.6	68.6
108	69.1	51.1	91.1





#63

Azobenzene

Concen: 41.635 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion: 77 Resp: 1134826

Ion Ratio Lower Upper

77 100

182 29.3 7.8 47.8

105 24.5 4.4 44.4

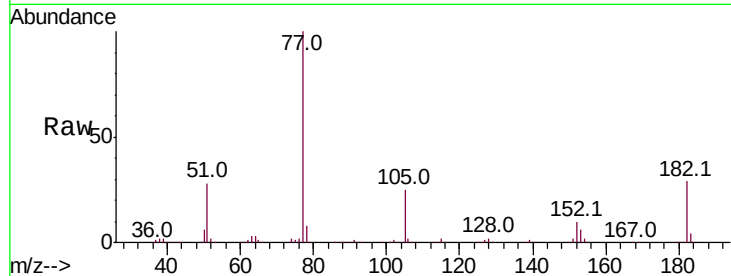
51 27.6 8.0 48.0

Manual Integrations

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Sohil

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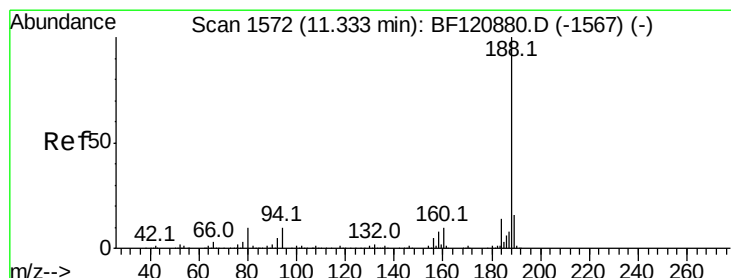
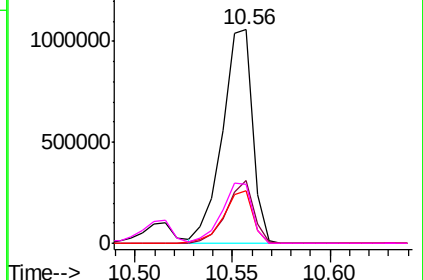
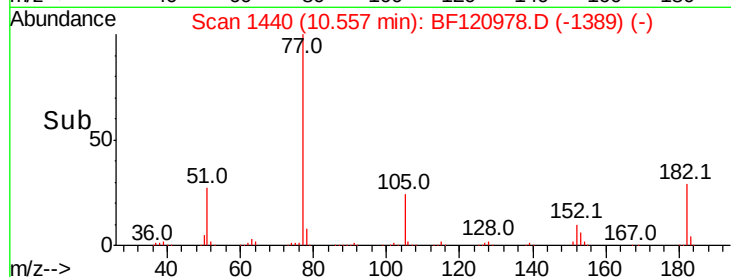


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

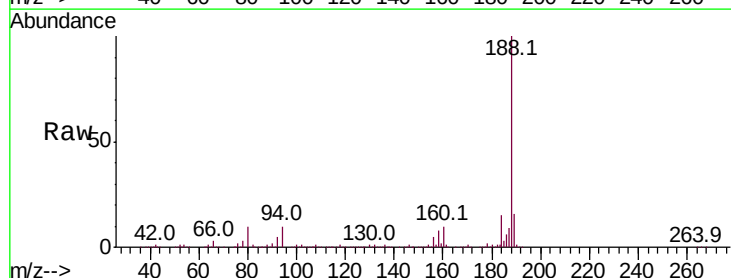
Tgt Ion: 188 Resp: 737227

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

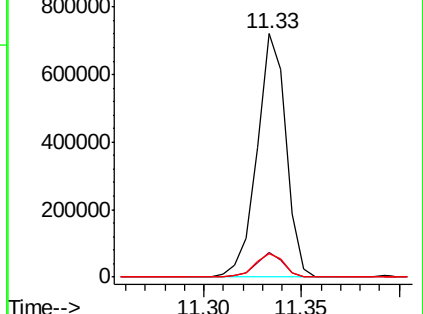
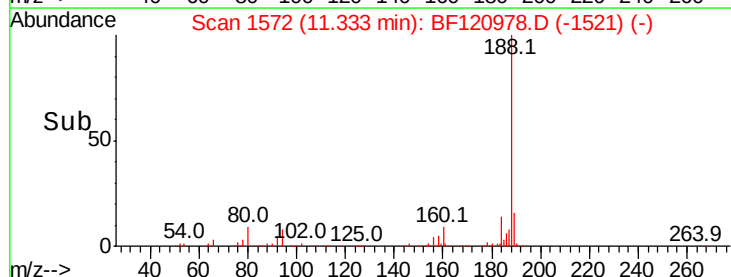
80 9.7 8.3 12.5

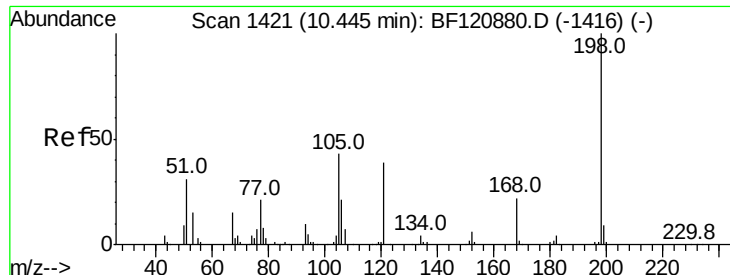


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





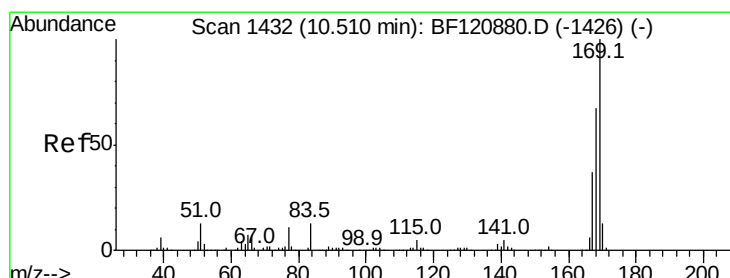
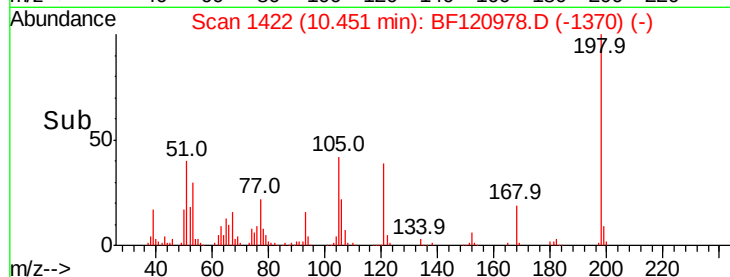
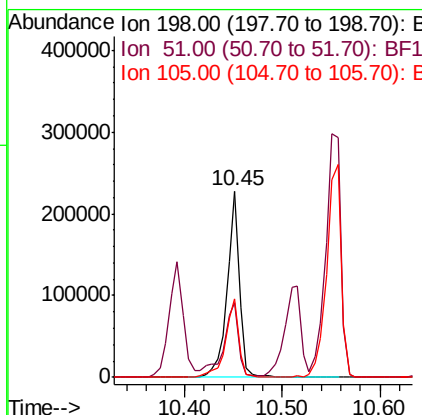
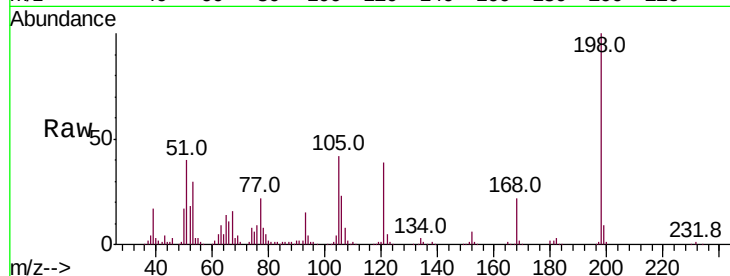
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.016 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	19.5	59.5
105	42.1	24.4	64.4

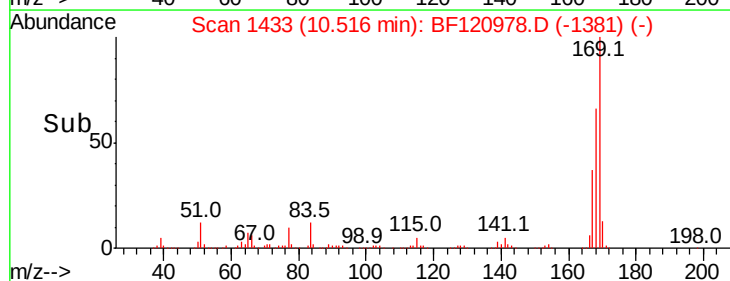
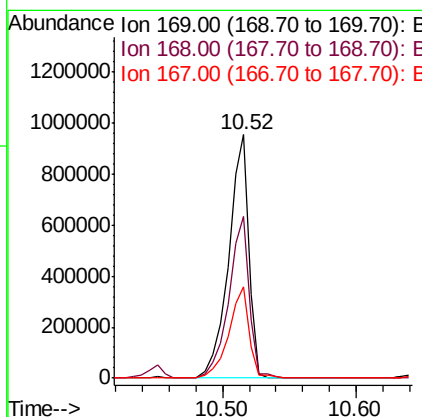
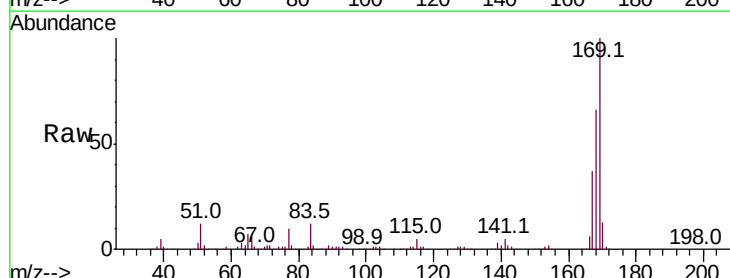
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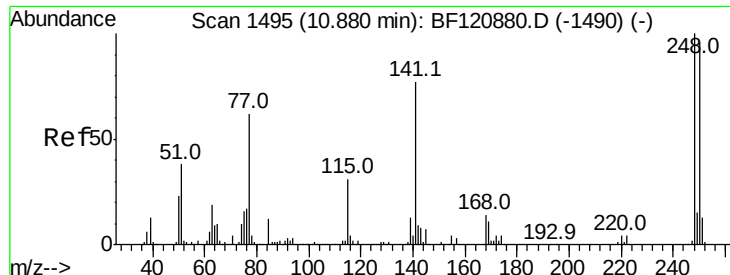
Sohil
 7/24/2020 12:12:12 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.817 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	37.4	29.4	44.0





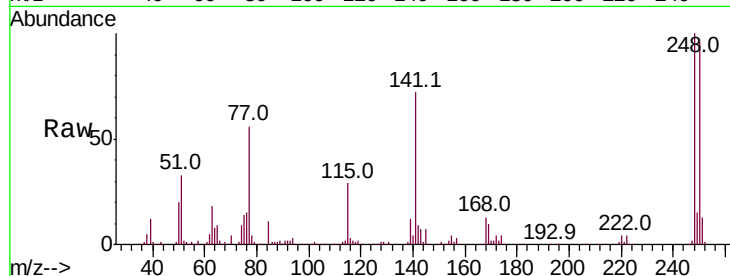
#67
4-Bromophenyl-phenylether
Concen: 42.807 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.1	115.7
141	71.8	61.2	91.8

Manual Integrations
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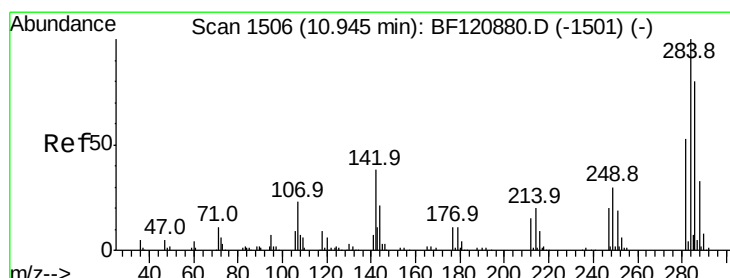
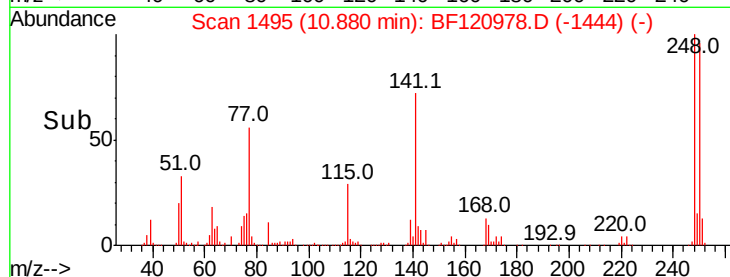
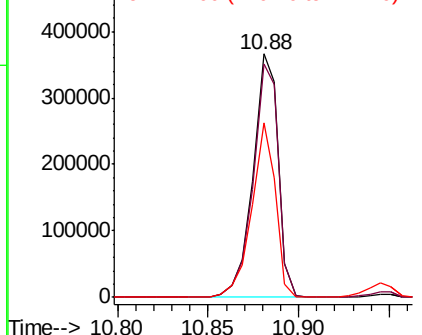


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.289 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

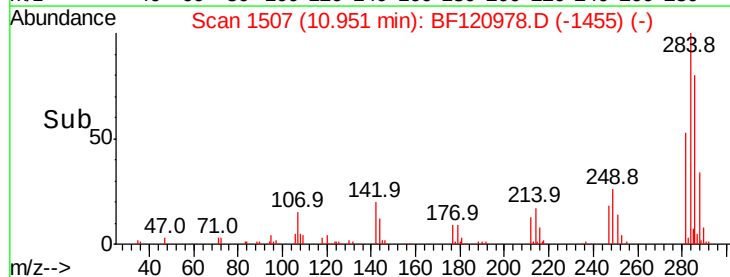
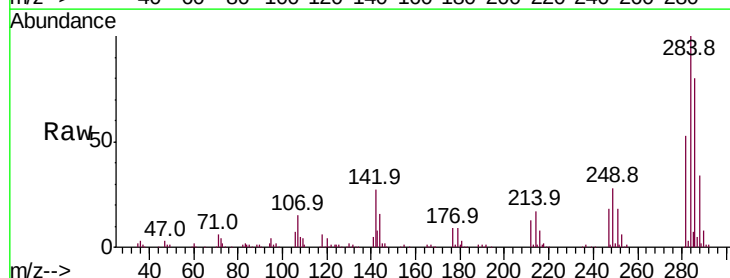
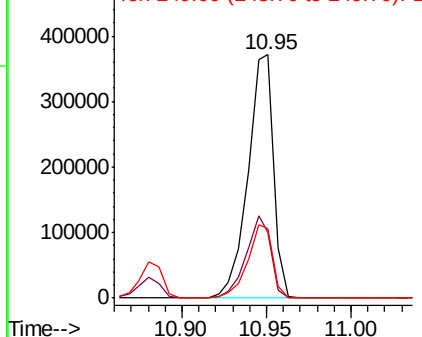
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	30.2	45.2#
249	28.5	24.2	36.2

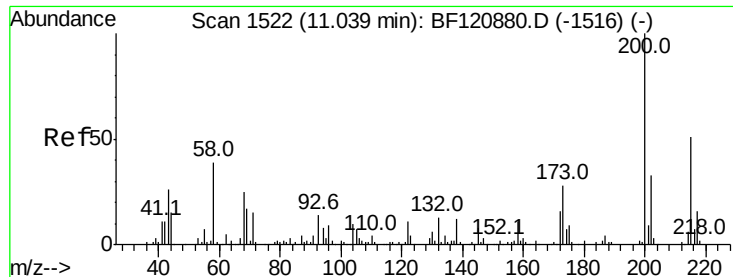
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





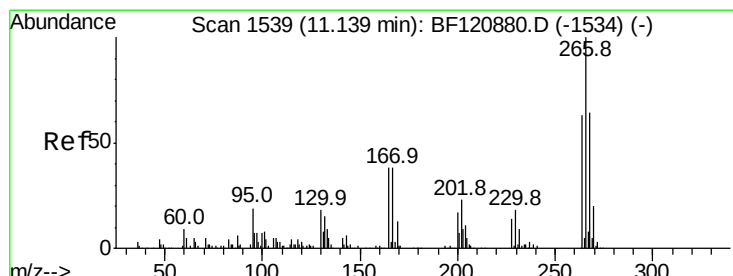
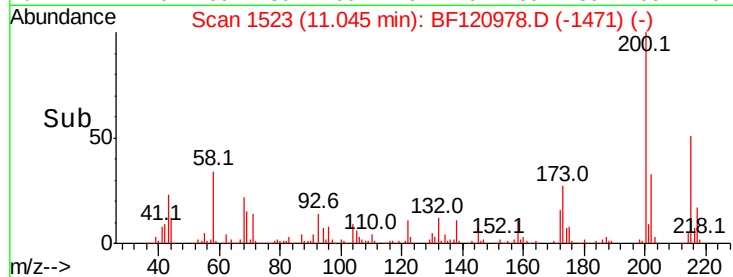
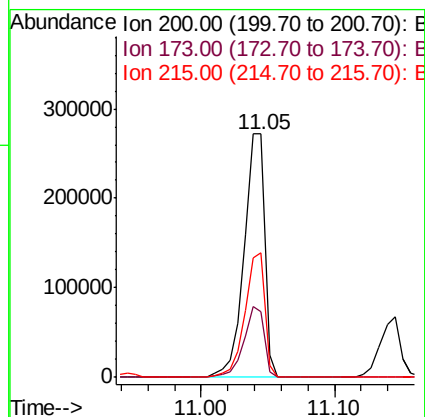
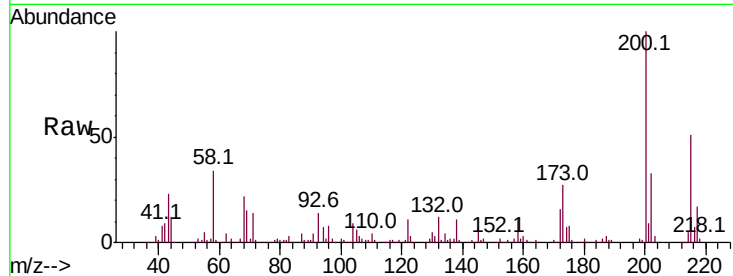
#69
Atrazine
Concen: 50.734 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	8.0	48.0
215	50.9	31.5	71.5

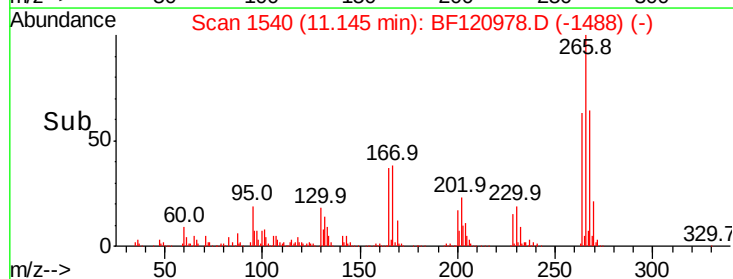
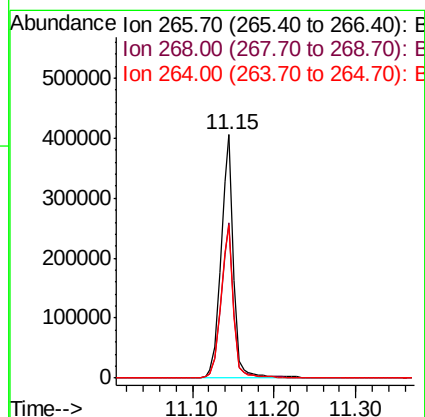
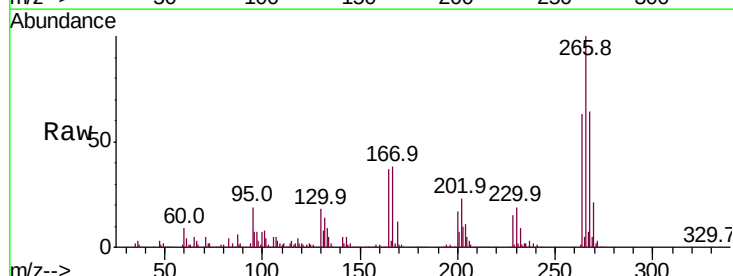
Manual Integrations
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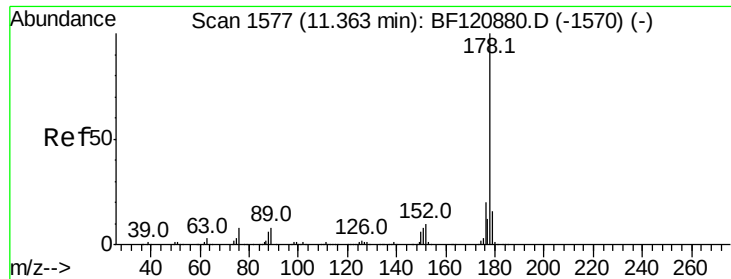
Sohil
7/24/2020 12:12:12 PM



#70
Pentachlorophenol
Concen: 85.970 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.7	50.2	75.2





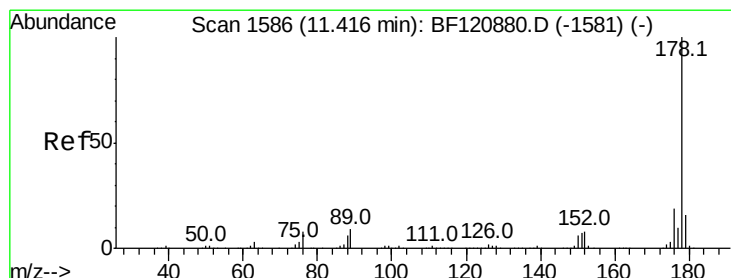
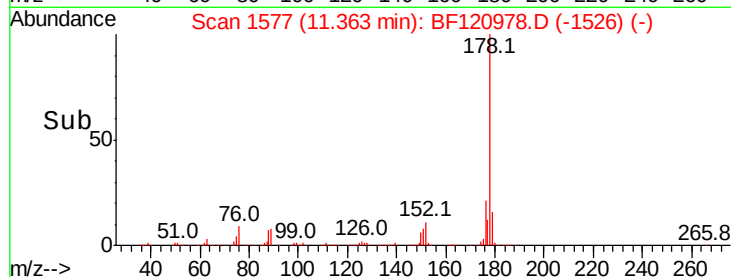
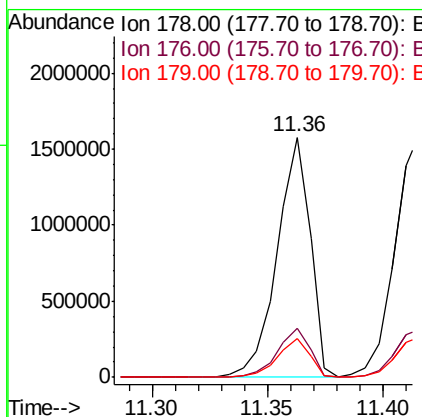
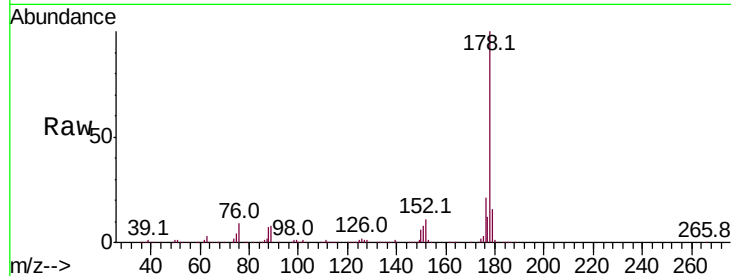
#71
Phenanthrene
Concen: 41.245 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion:178 Resp: 1563838
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 15.9 12.8 19.2

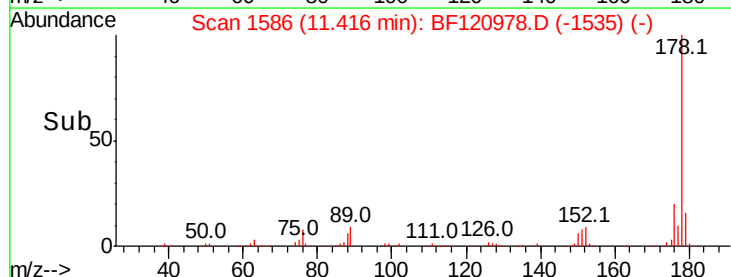
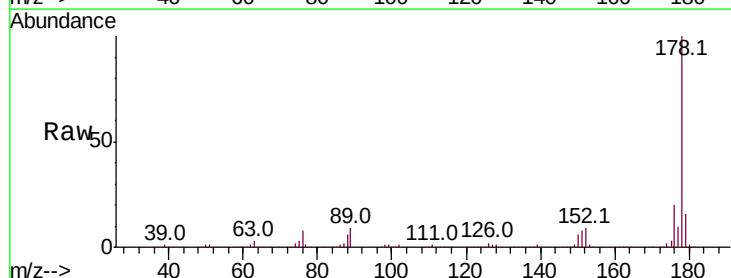
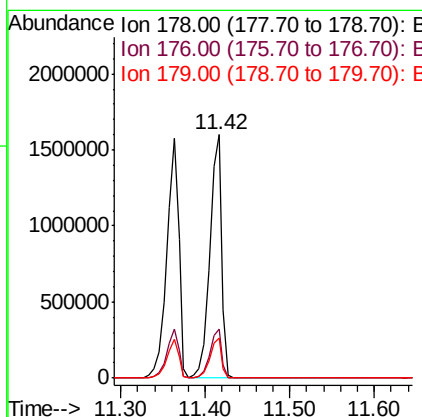
Manual Integrations
APPROVED

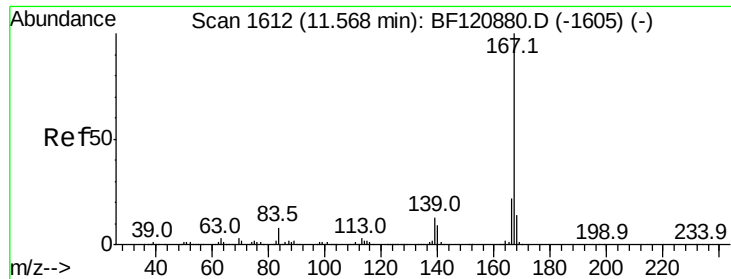
Sohil
7/24/2020 12:12:12 PM



#72
Anthracene
Concen: 41.857 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:178 Resp: 1593608
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.2 12.8 19.2





#73
 Carbazole
 Concen: 40.063 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

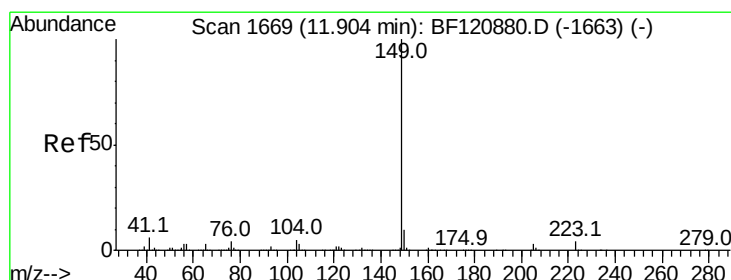
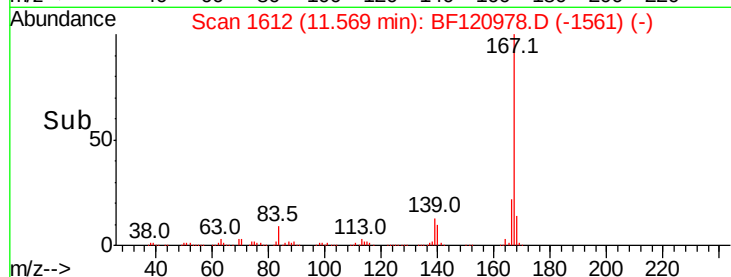
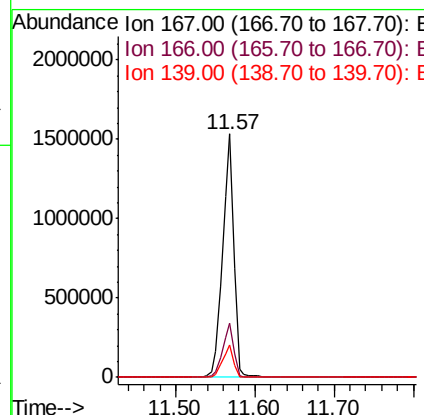
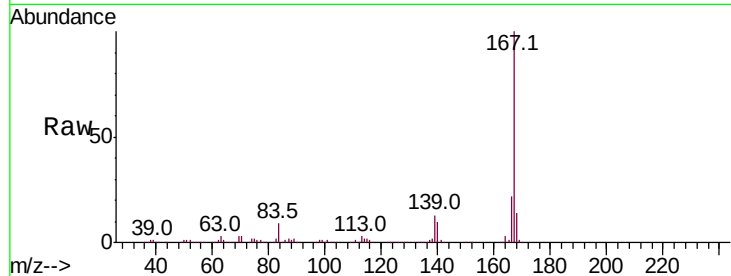
Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion:167 Resp: 1513733

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	13.4	10.1	15.1

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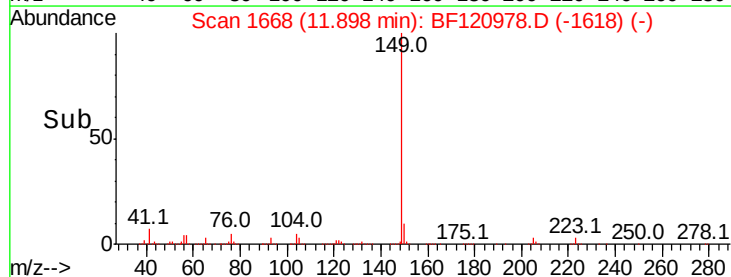
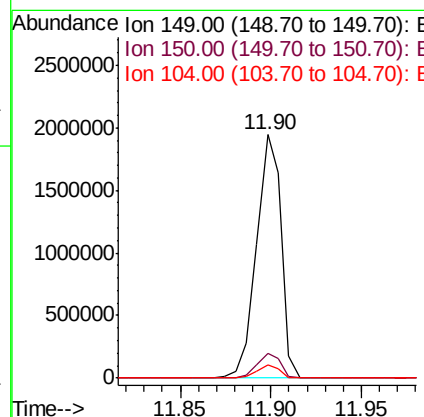
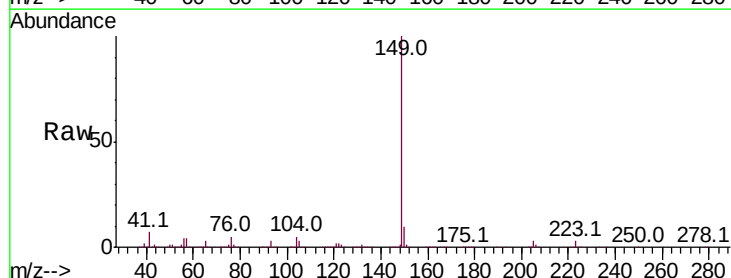
Sohil
 7/24/2020 12:12:12 PM

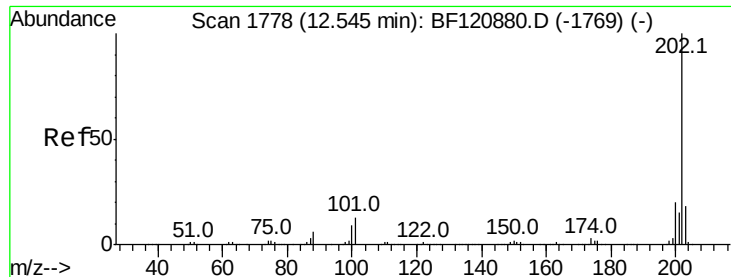


#74
 Di-n-butylphthalate
 Concen: 42.003 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion:149 Resp: 1831423

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	5.2	3.8	5.6





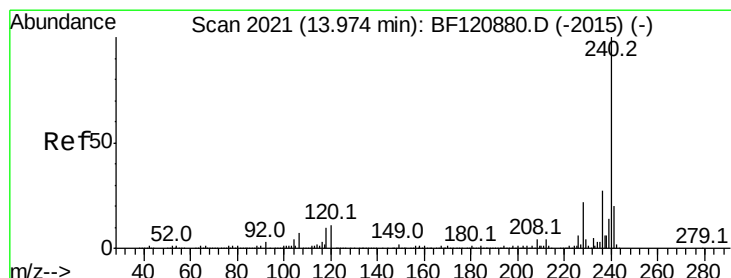
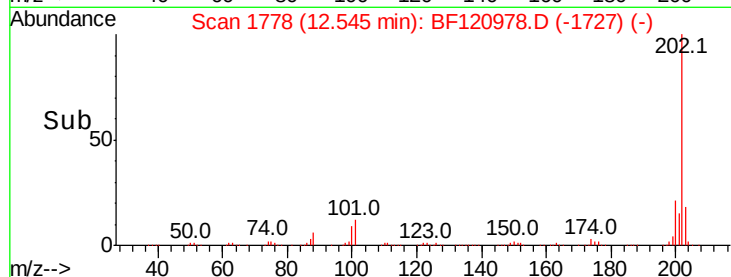
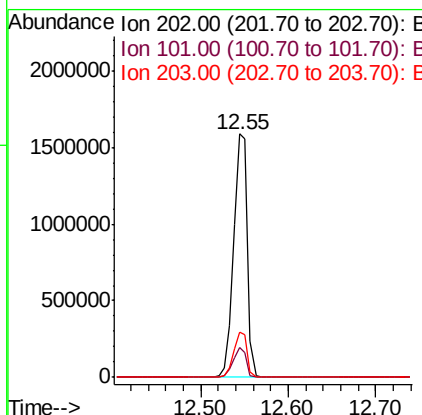
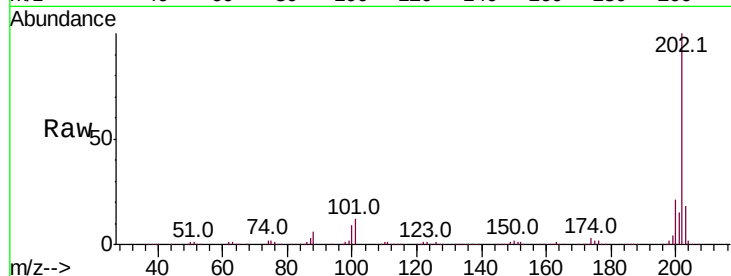
#75
Fluoranthene
Concen: 40.645 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1708190		
101	12.3		0.0	32.7
203	18.4		0.0	38.0

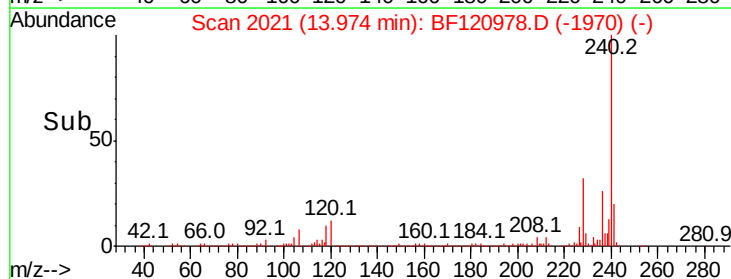
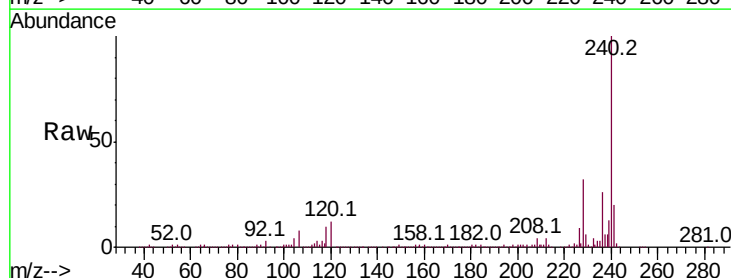
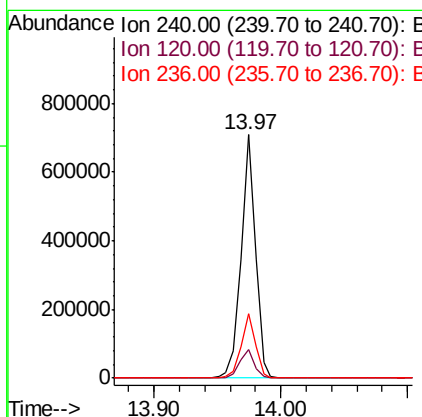
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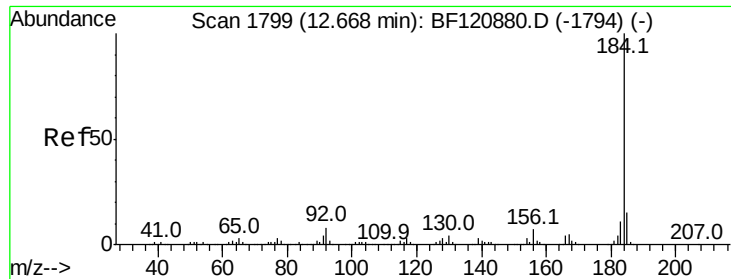
Sohil
7/24/2020 12:12:12 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	549670		
120	11.6		9.0	13.4
236	26.4		21.7	32.5





#77

Benzidine

Concen: 59.588 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

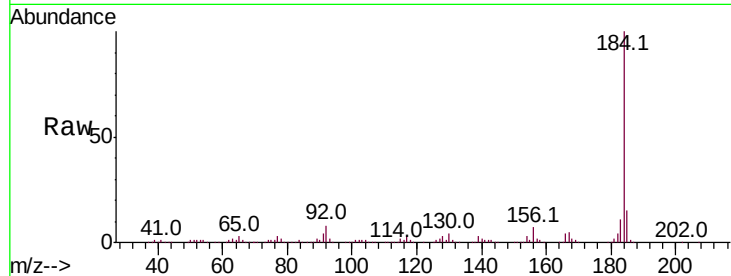
ClientSampleId :

PB130373BS

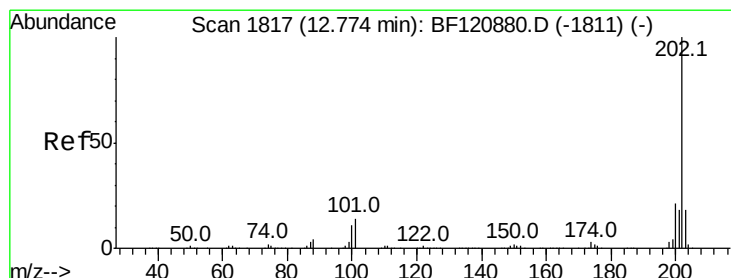
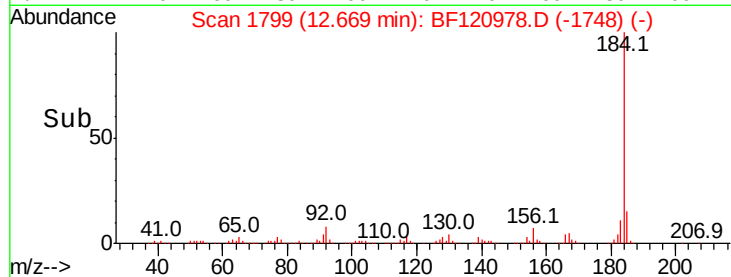
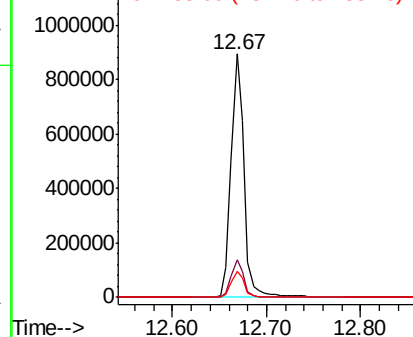
Tot Ion:	184	Resp:	861155
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	10.9	8.5	12.7

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7/24/2020 12:12:12 PM



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: 44.460 ng

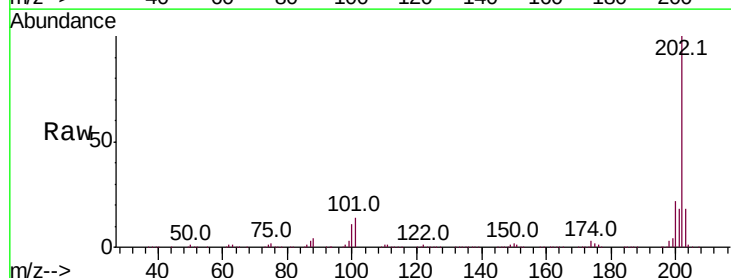
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

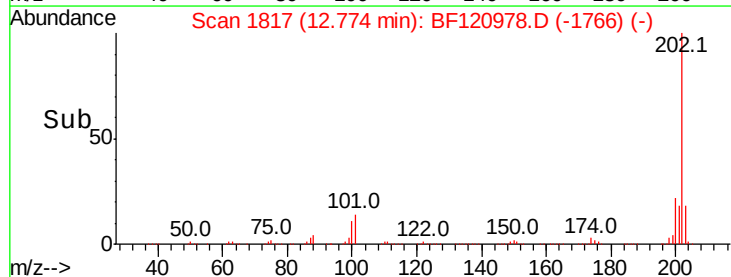
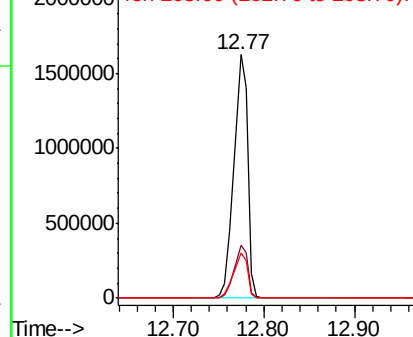
Lab File: BF120978.D

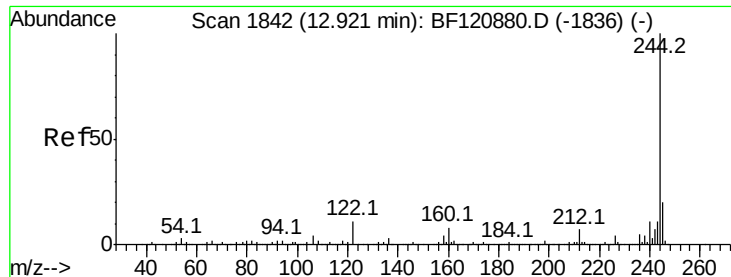
Acq: 23 Jul 2020 13:07

Tgt Ion:	202	Resp:	1727787
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.0	25.4
203	18.4	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: 84.071 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

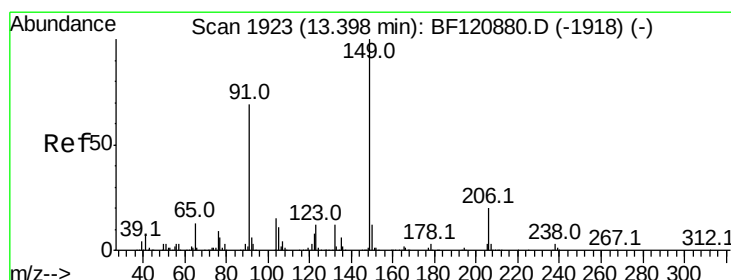
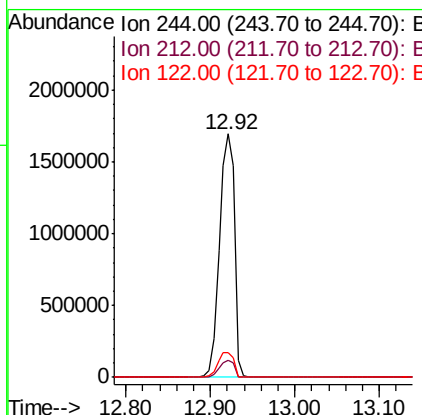
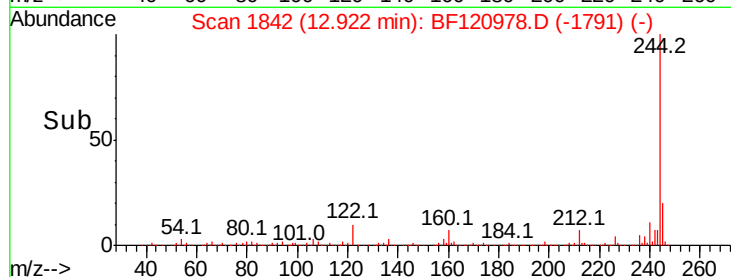
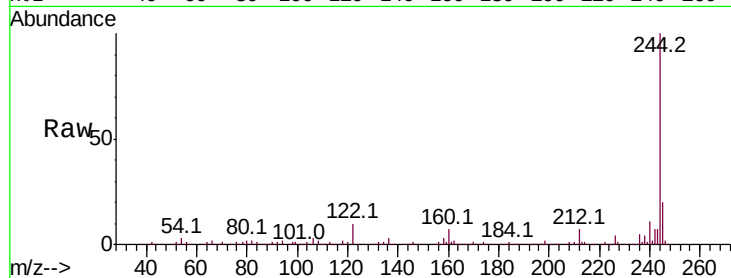
Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion:244 Resp: 2125839

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.0	8.9	13.3

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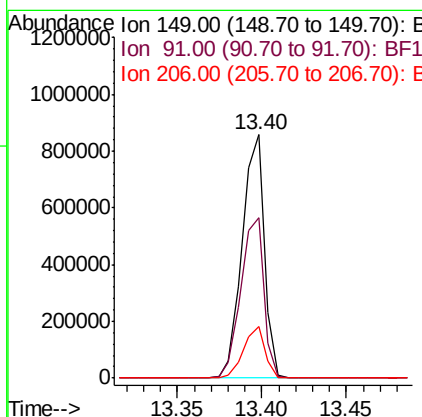
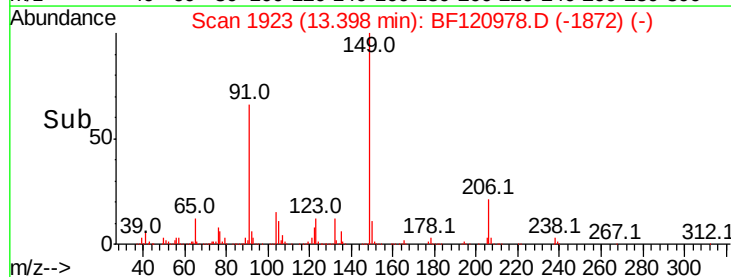
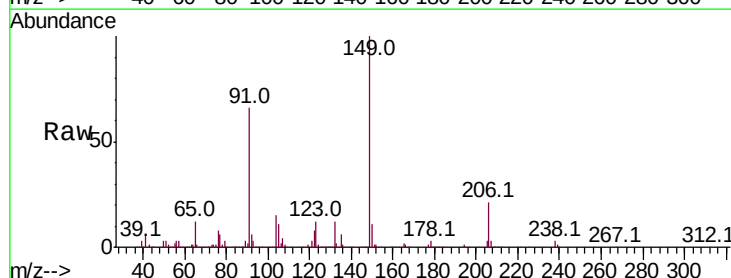
Sohil
 7/24/2020 12:12:12 PM

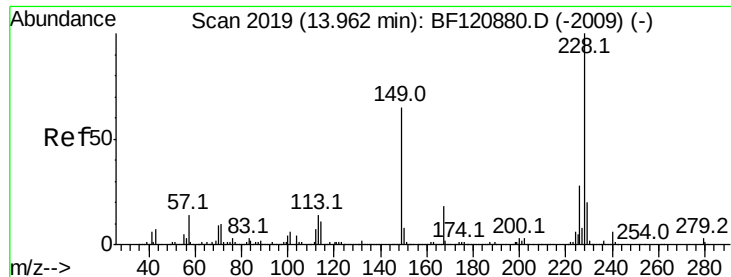


#80
 Butylbenzylphthalate
 Concen: 45.598 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion:149 Resp: 789948

Ion	Ratio	Lower	Upper
149	100		
91	66.0	55.1	82.7
206	21.4	16.1	24.1





#81

Benzo(a)anthracene

Concen: 40.166 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130373BS

Tot Ion:228 Resp: 1336948

Ion Ratio Lower Upper

228 100

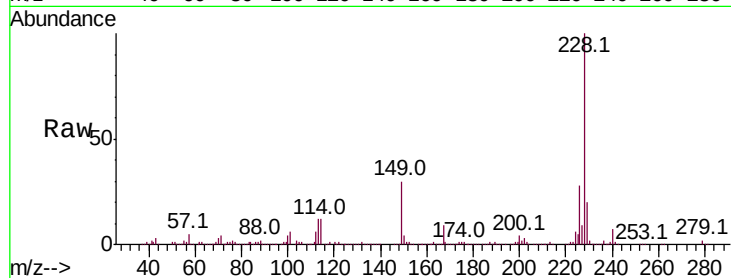
226 28.1 22.3 33.5

229 20.3 16.1 24.1

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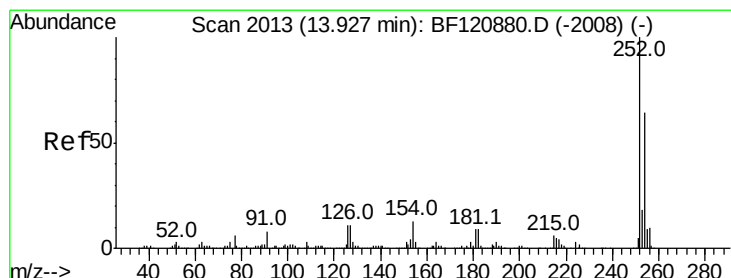
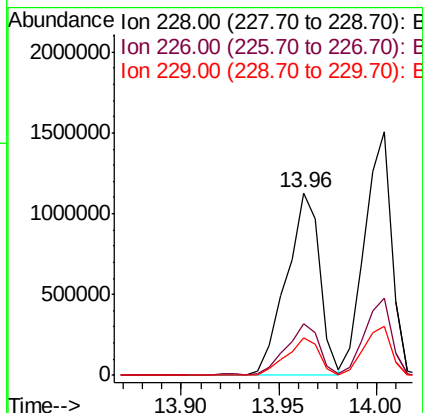
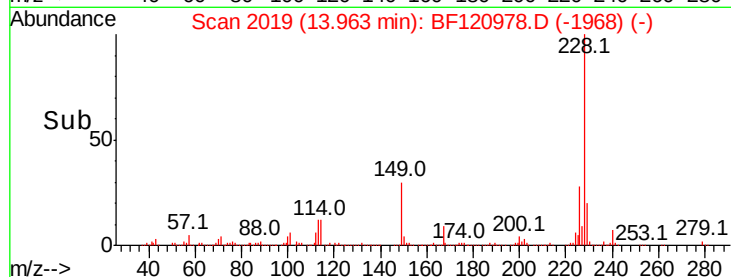
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.308 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

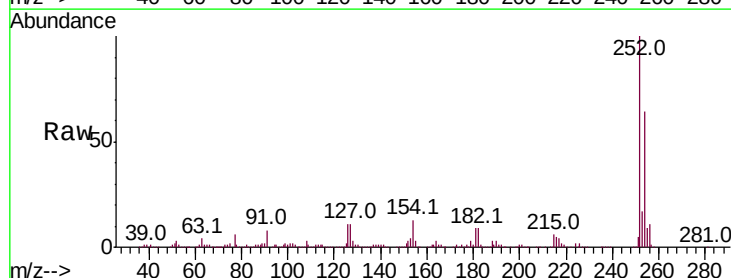
Tgt Ion:252 Resp: 543848

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

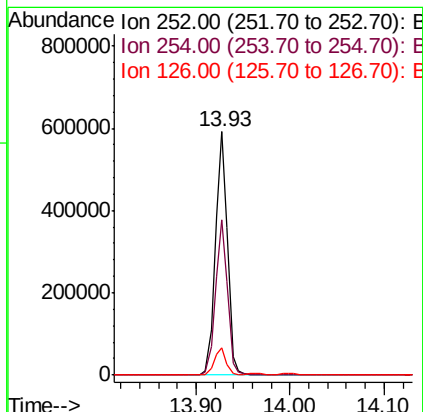
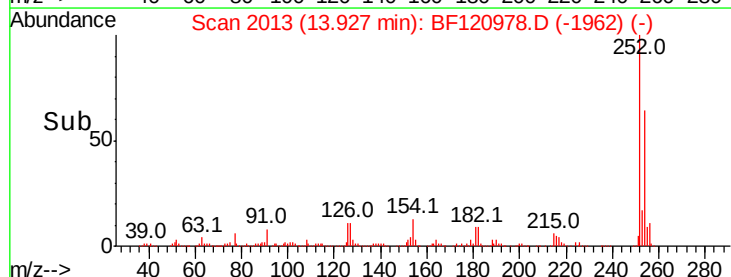
126 11.4 8.7 13.1

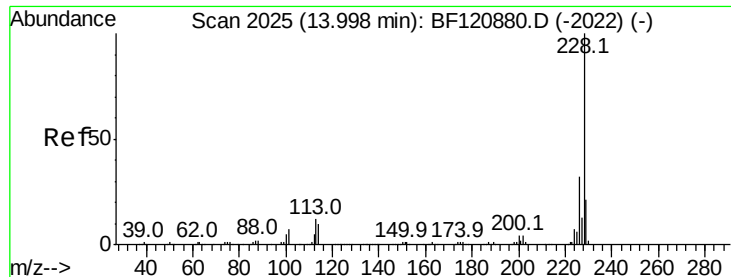


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 41.731 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

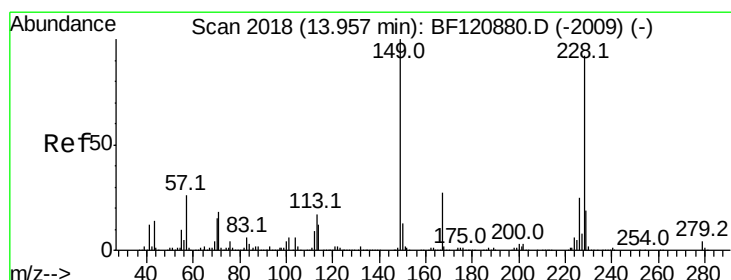
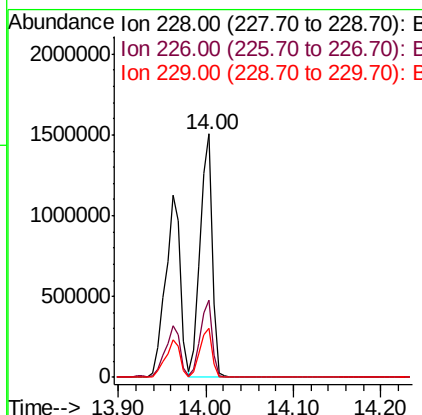
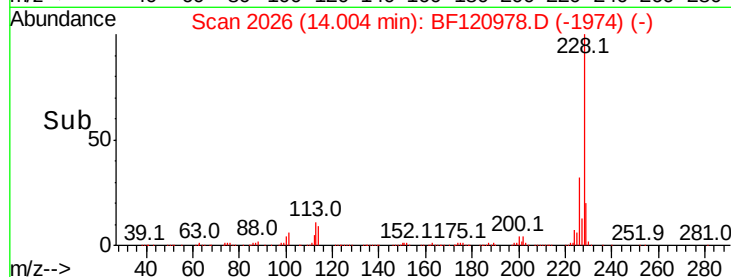
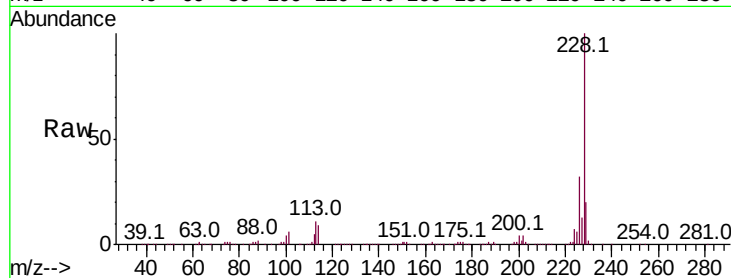
Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion:228 Resp: 1459714

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.6	38.4
229	20.1	16.8	25.2

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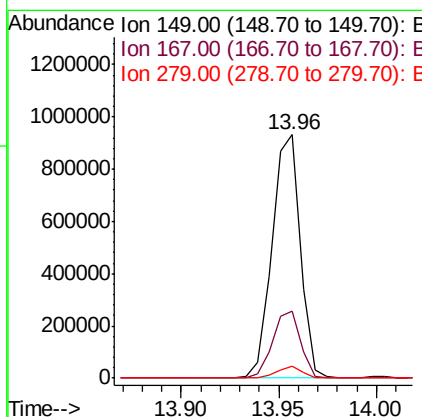
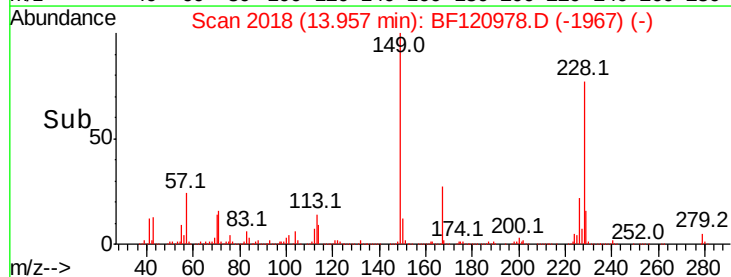
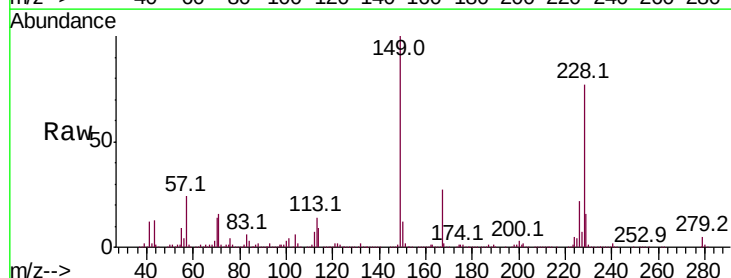
Sohil
 7/24/2020 12:12:12 PM

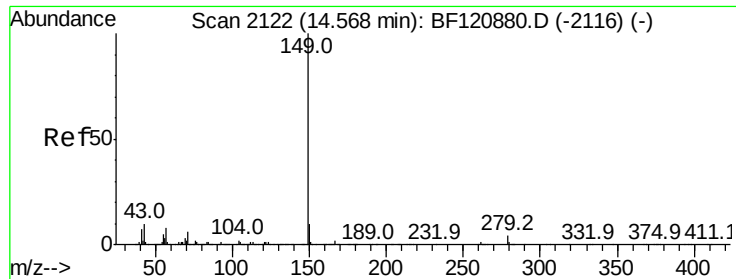


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.441 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion:149 Resp: 928016

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.9	32.9
279	4.8	3.0	4.4#





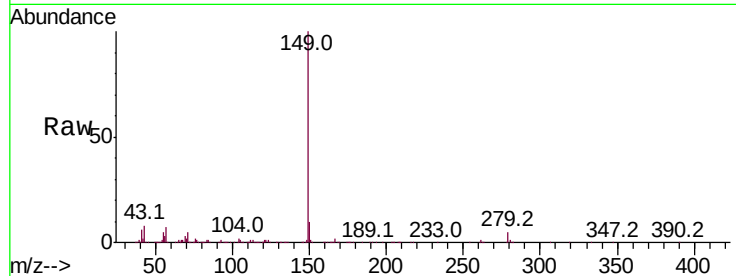
#85
Di-n-octyl phthalate
Concen: 43.238 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

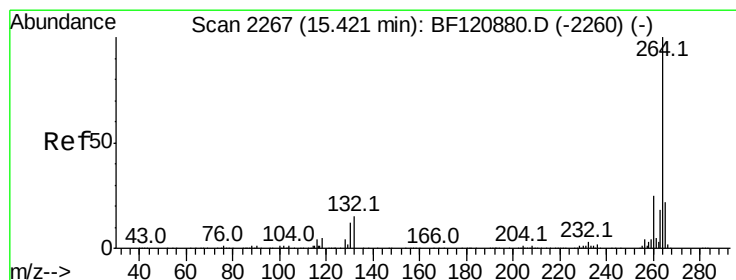
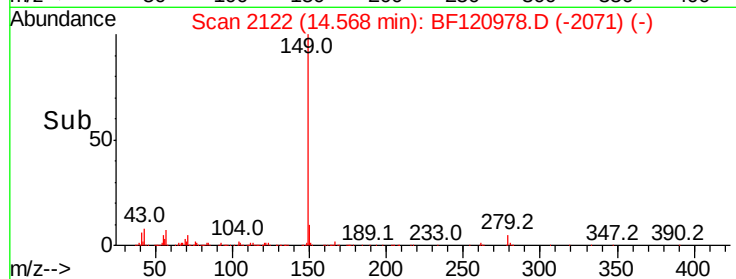
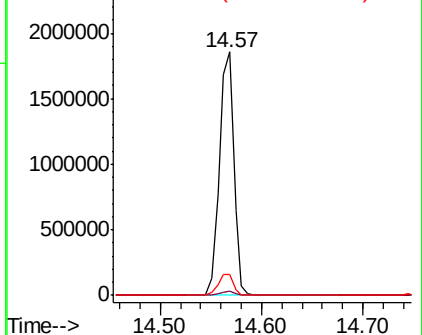
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.6	11.4

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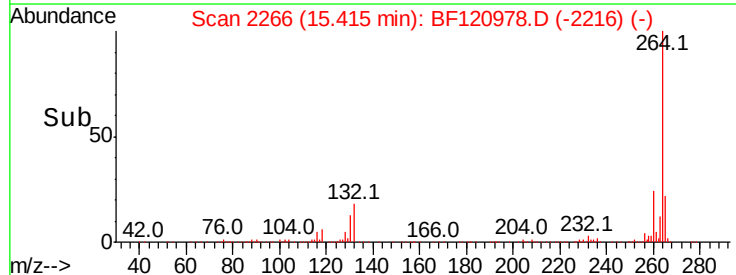
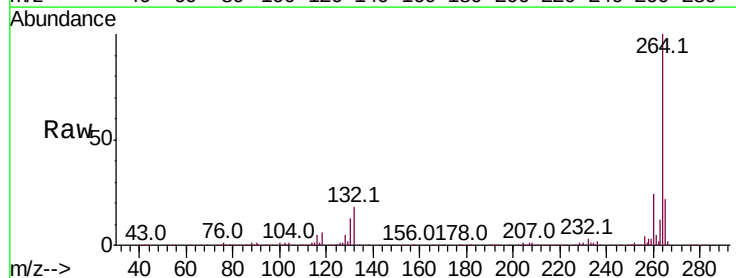
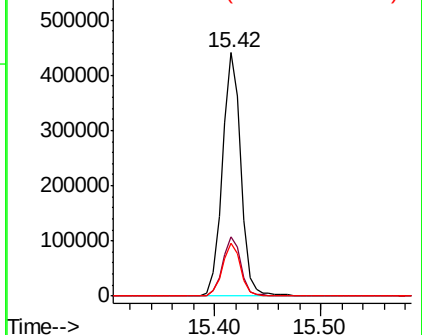
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

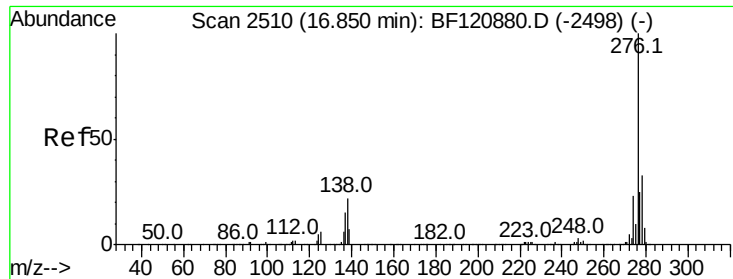


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	21.9	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





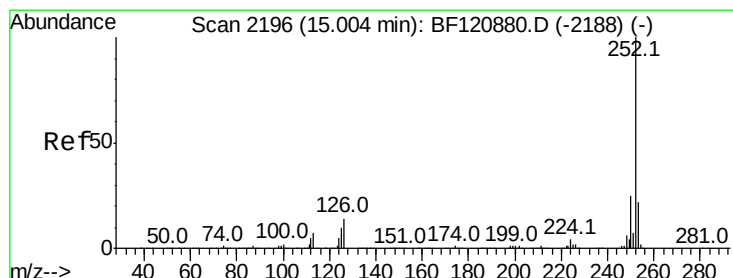
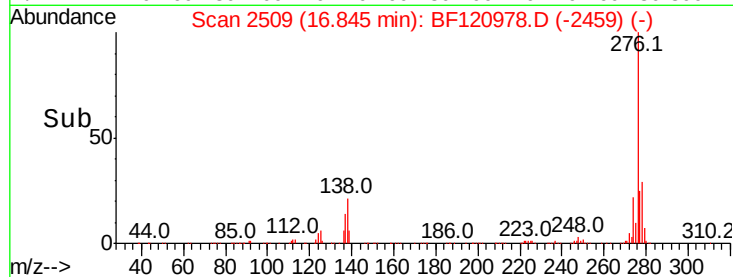
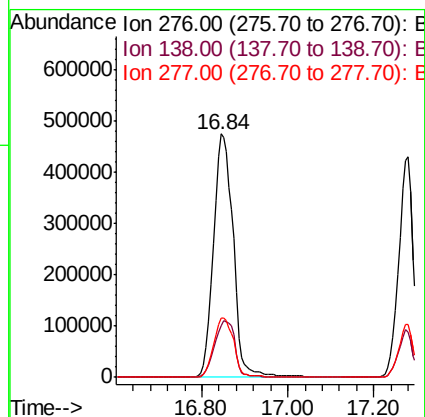
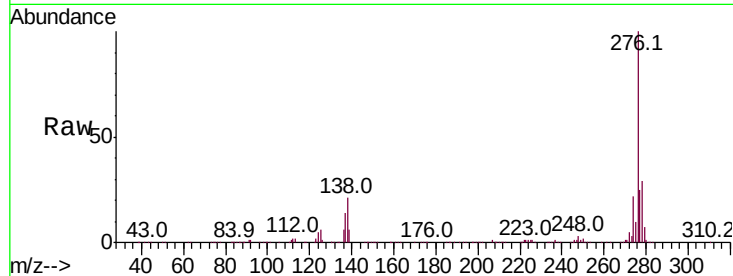
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.376 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.8	29.8
277	25.0	20.2	30.2

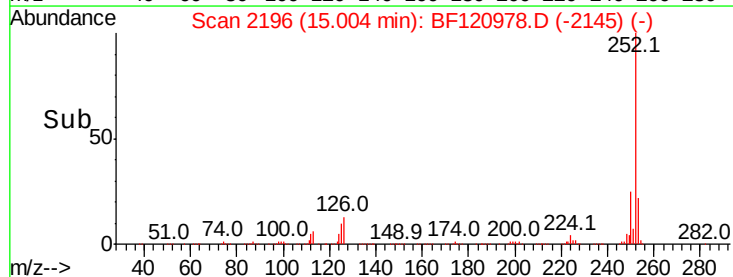
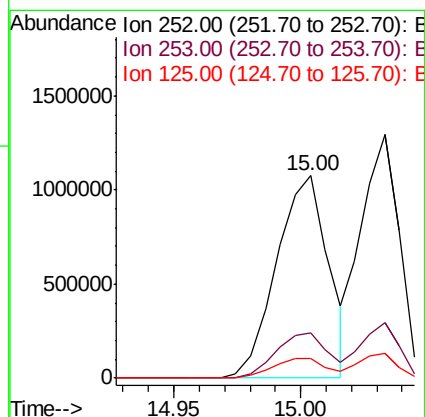
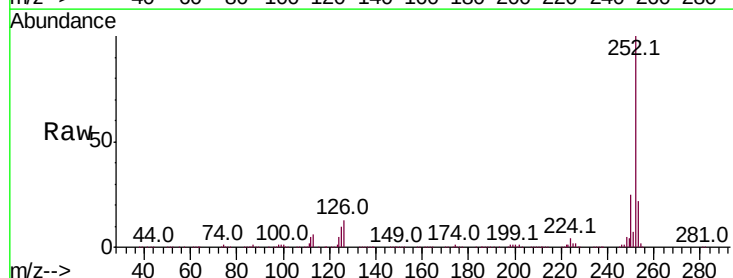
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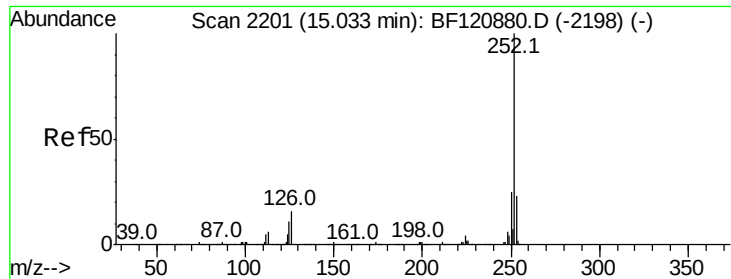
Sohil
 7/24/2020 12:12:12 PM



#88
 Benzo(b)fluoranthene
 Concen: 47.378 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.9	8.3	12.5





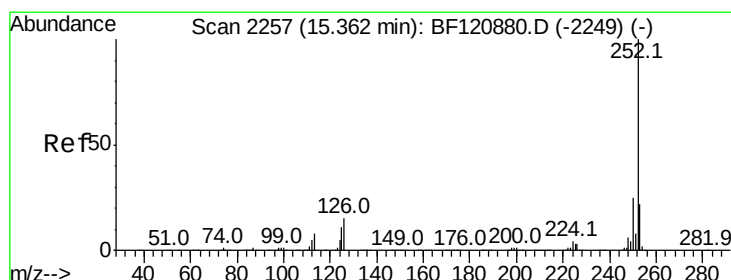
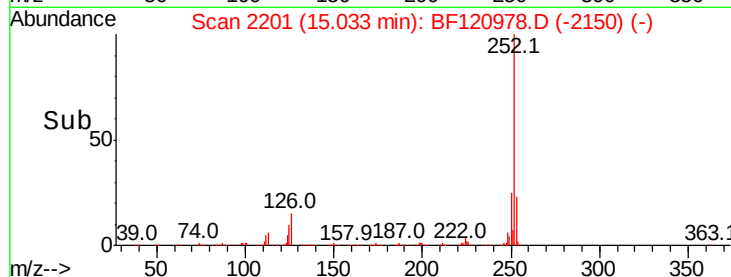
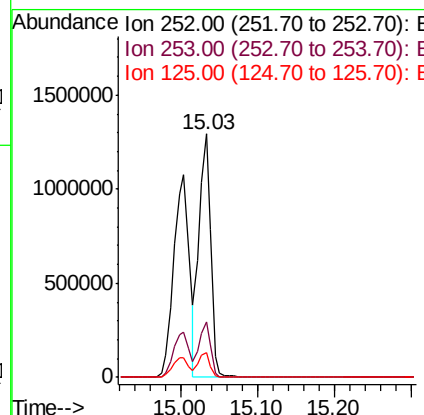
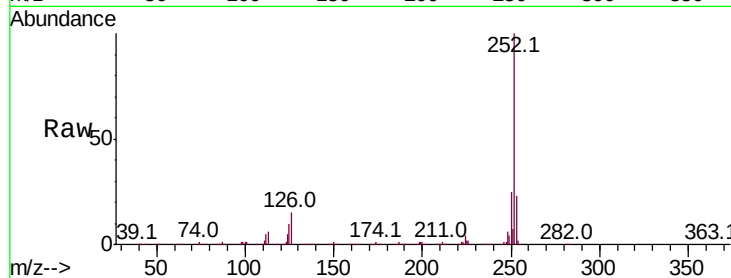
#89
Benzo(k)fluoranthene
Concen: 46.974 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.4	8.4	12.6

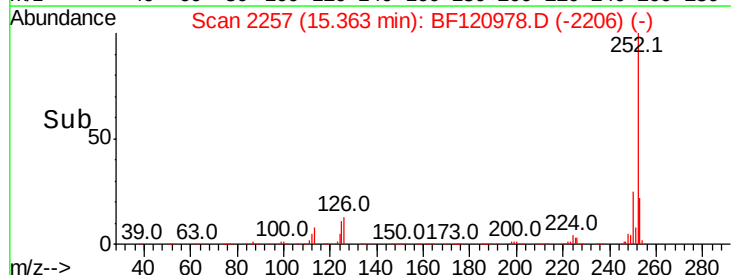
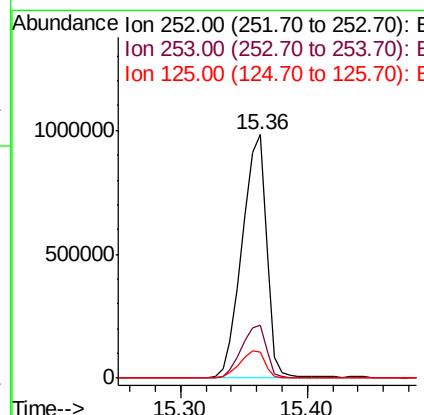
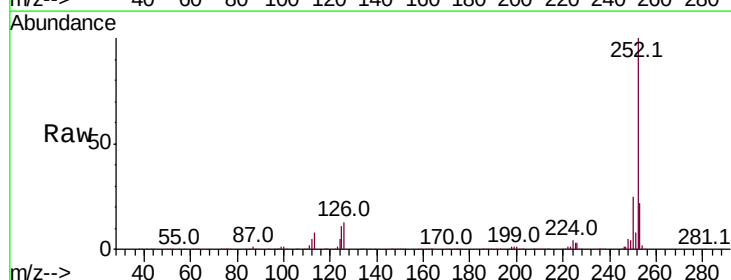
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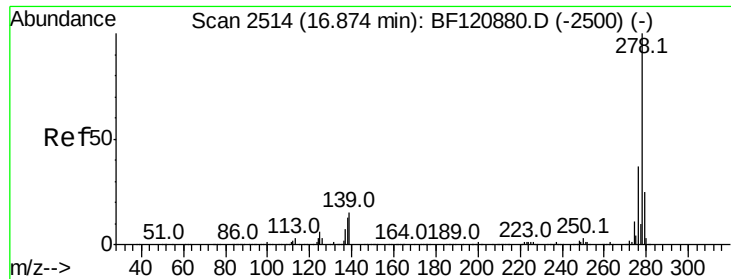
Sohil
7/24/2020 12:12:12 PM



#90
Benzo(a)pyrene
Concen: 44.509 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.5	8.9	13.3





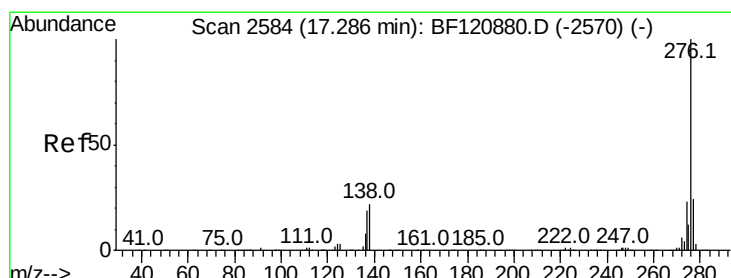
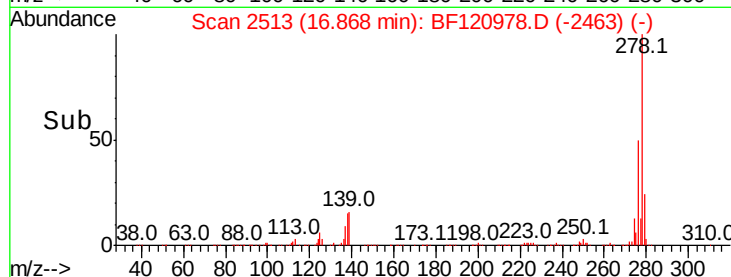
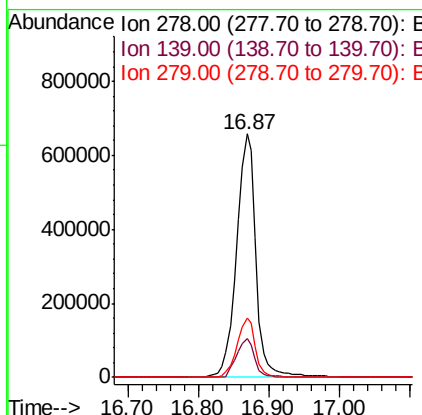
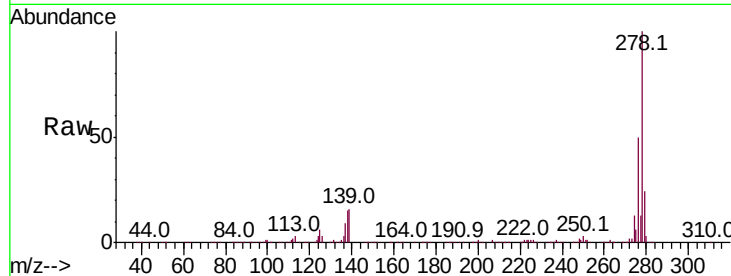
#91
Dibenzo(a,h)anthracene
Concen: 41.348 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	24.4	20.1	30.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 38.959 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.8	17.5	26.3

