

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120982.D
 Acq On : 23 Jul 2020 15:10
 Operator : JU/CG
 Sample : PB130408BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:12:14 PM

Quant Time: Jul 23 16:34:44 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	221020	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	855228	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	449197	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	830444	20.00	ng	0.00
76) Chrysene-d12	13.97	240	589687	20.00	ng	0.00
86) Perylene-d12	15.42	264	556119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1334499	98.98	ng	0.02
7) Phenol-d6	6.46	99	1680790	96.51	ng	0.01
23) Nitrobenzene-d5	7.38	82	1091469	73.85	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	499355	101.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1948439	64.76	ng	0.00
79) Terphenyl-d14	12.92	244	2029489	74.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	215382	34.712	ng	99
3) Pyridine	3.37	79	595957	36.105	ng	99
4) n-Nitrosodimethylamine	3.33	42	279997	39.670	ng	96
6) Aniline	6.48	93	656861	28.894	ng	98
8) 2-Chlorophenol	6.60	128	629074	42.355	ng	99
9) Benzaldehyde	6.36	77	162473	15.861	ng	98
10) Phenol	6.47	94	731310	38.174	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	600706	40.914	ng	99
12) 1,3-Dichlorobenzene	6.76	146	621735	38.605	ng	98
13) 1,4-Dichlorobenzene	6.83	146	618273	38.607	ng	99
14) 1,2-Dichlorobenzene	6.99	146	567934	37.487	ng	99
15) Benzyl Alcohol	6.96	79	442716	35.946	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	821797	38.833	ng	98
17) 2-Methylphenol	7.07	107	492223	37.391	ng	98
18) Hexachloroethane	7.33	117	236939	40.878	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	387973	39.177	ng	99
20) 3+4-Methylphenols	7.23	107	532547	31.802	ng	91
22) Acetophenone	7.23	105	738942	38.499	ng	# 92
24) Nitrobenzene	7.40	77	619693	38.901	ng	99
25) Isophorone	7.64	82	1165671	39.517	ng	99
26) 2-Nitrophenol	7.72	139	334228	44.176	ng	99
27) 2,4-Dimethylphenol	7.76	122	518462	42.207	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	746233	41.443	ng	99
29) 2,4-Dichlorophenol	7.96	162	519117	41.357	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	557515	40.033	ng	99
31) Naphthalene	8.12	128	1683997	38.387	ng	99
32) Benzoic acid	7.89	122	413111	44.801	ng	99
33) 4-Chloroaniline	8.17	127	471017	24.069	ng	98
34) Hexachlorobutadiene	8.24	225	318543	38.801	ng	100
35) Caprolactam	8.55	113	160308m	39.825	ng	
36) 4-Chloro-3-methylphenol	8.66	107	534432	41.514	ng	98
37) 2-Methylnaphthalene	8.81	142	1162356	40.807	ng	99
38) 1-Methylnaphthalene	8.91	142	1106613	41.020	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	497043	37.978	ng	99

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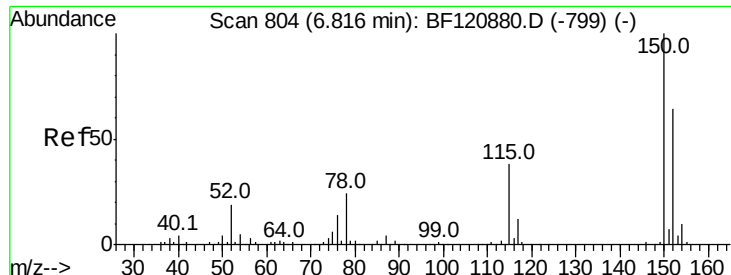
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	523782	72.413	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	380214	41.261	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	387408	37.063	ng	97
46) 1,1'-Biphenyl	9.27	154	1338351	39.059	ng	99
47) 2-Chloronaphthalene	9.30	162	1073876	38.440	ng	100
48) 2-Nitroaniline	9.40	65	332295	39.360	ng	93
49) Acenaphthylene	9.72	152	1663891	38.339	ng	100
50) Dimethylphthalate	9.58	163	1299077	40.087	ng	99
51) 2,6-Dinitrotoluene	9.64	165	289181	41.535	ng	94
52) Acenaphthene	9.89	154	1166827m	42.288	ng	
53) 3-Nitroaniline	9.81	138	233206	26.707	ng	98
54) 2,4-Dinitrophenol	9.92	184	311207	77.856	ng	88
55) Dibenzofuran	10.06	168	1497297	37.525	ng	99
56) 4-Nitrophenol	9.97	139	504213	76.015	ng	99
57) 2,4-Dinitrotoluene	10.04	165	381223	41.696	ng	98
58) Fluorene	10.40	166	1043605	35.068	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	338584	42.543	ng	98
60) Diethylphthalate	10.28	149	1285563	39.219	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	518264	32.651	ng	100
62) 4-Nitroaniline	10.43	138	303863	35.724	ng	99
63) Azobenzene	10.56	77	1174867	37.649	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	206950	43.454	ng	98
66) n-Nitrosodiphenylamine	10.52	169	1059519	40.557	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	371803	40.157	ng	97
68) Hexachlorobenzene	10.94	284	412098	41.146	ng	97
69) Atrazine	11.04	200	297869	46.040	ng	99
70) Pentachlorophenol	11.14	266	455358	79.361	ng	99
71) Phenanthrene	11.36	178	1618331	37.891	ng	100
72) Anthracene	11.42	178	1659636	38.698	ng	99
73) Carbazole	11.57	167	1559746	36.647	ng	99
74) Di-n-butylphthalate	11.90	149	1904925	38.784	ng	99
75) Fluoranthene	12.55	202	1754296	37.057	ng	98
77) Benzidine	12.67	184	487668	31.454	ng	99
78) Pyrene	12.77	202	1770118	42.458	ng	99
80) Butylbenzylphthalate	13.40	149	804457	43.285	ng	96
81) Benzo(a)anthracene	13.96	228	1351897	37.859	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	485020	36.003	ng	98
83) Chrysene	14.00	228	1477648	39.377	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	957750	41.791	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1847059	40.510	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1475793	38.158	ng	99
88) Benzo(b)fluoranthene	15.00	252	1488998	44.295	ng	99
89) Benzo(k)fluoranthene	15.03	252	1379794	45.007	ng	100
90) Benzo(a)pyrene	15.36	252	1304349	42.529	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1236311	39.133	ng	98
92) Benzo(g,h,i)perylene	17.27	276	1168604	37.515	ng	100

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



#1

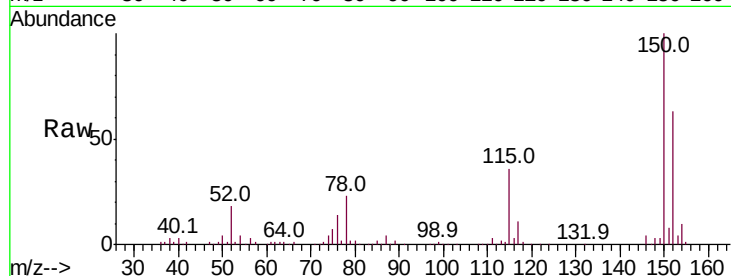
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.0	187.6
115	56.6	47.0	70.4

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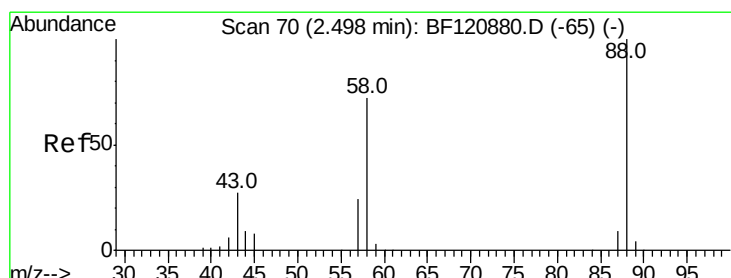
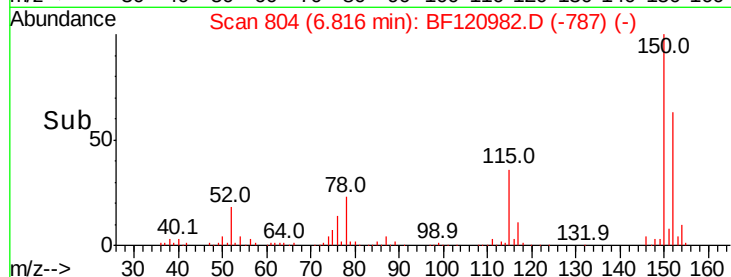
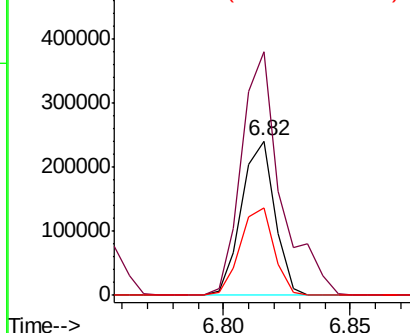


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

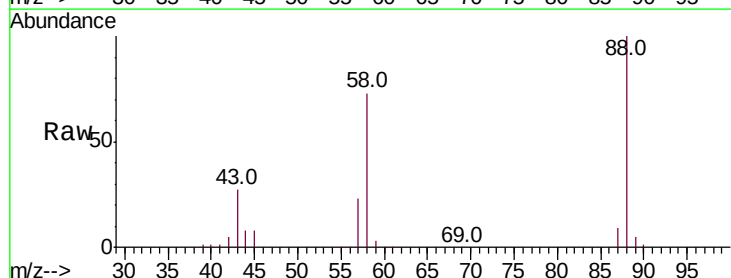
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.712 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.14 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	58.2	87.2
43	28.5	22.1	33.1

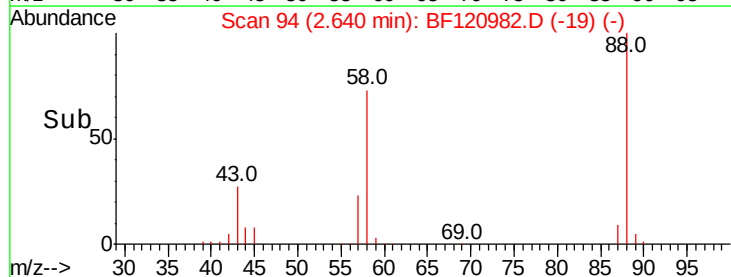
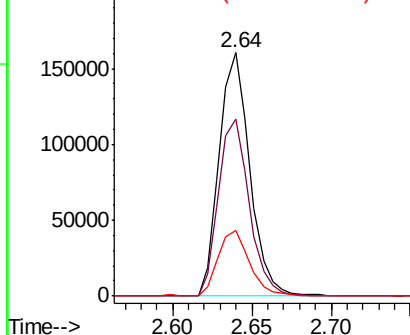


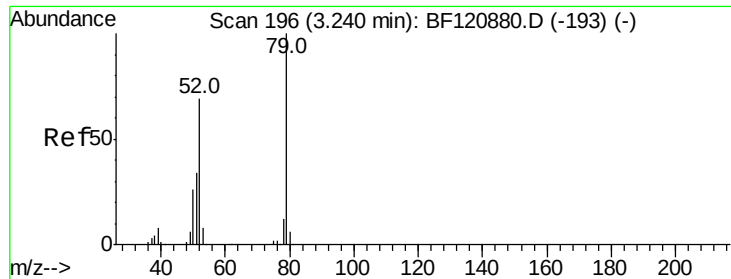
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.105 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.13 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

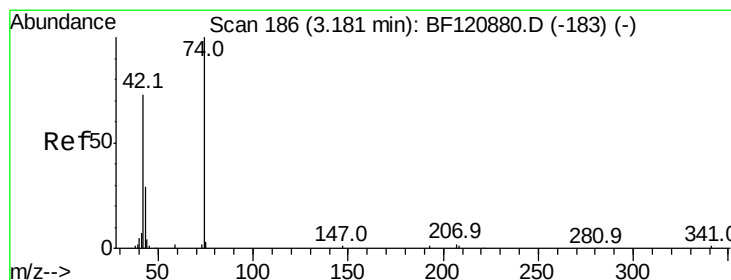
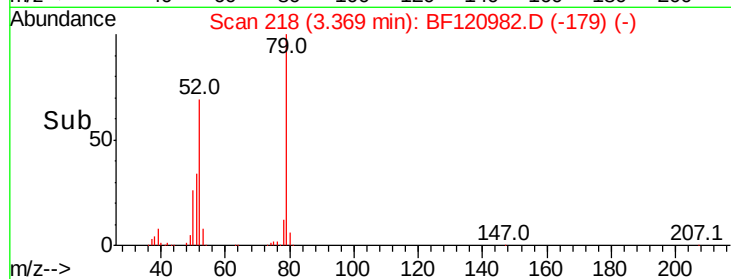
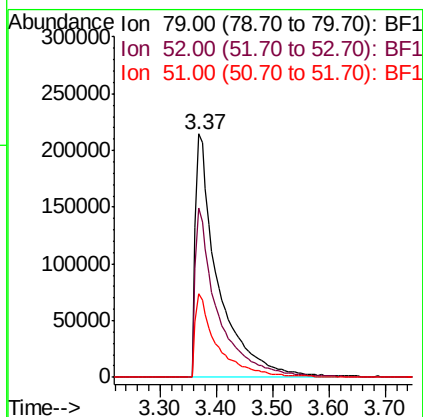
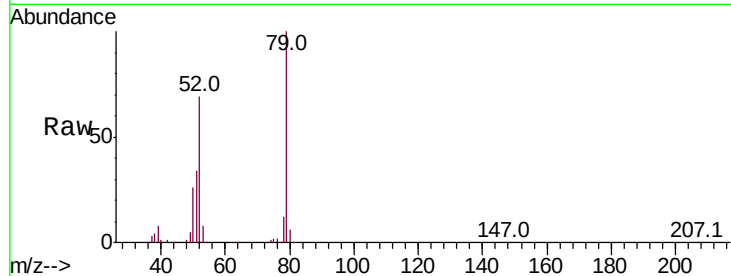
ClientSampleId :

PB130408BS

Tot Ion	79	Resp	595957
Ion Ratio	Lower	Upper	
79	100		
52	69.4	55.0	82.6
51	34.1	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 39.670 ng

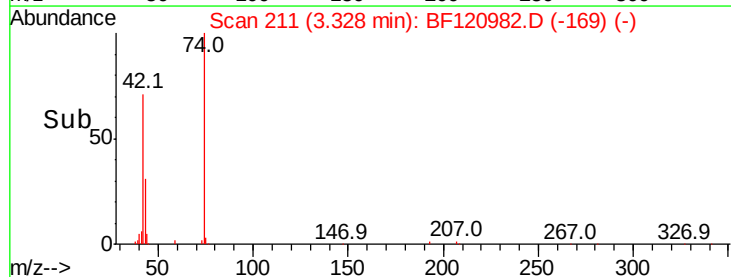
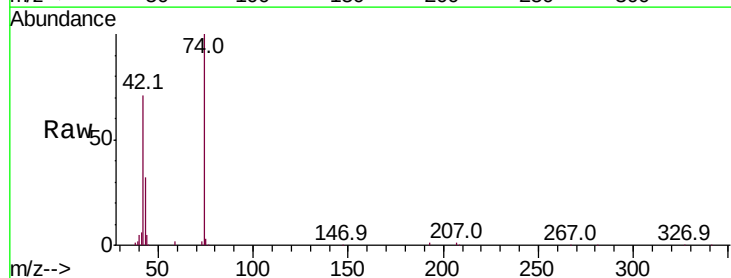
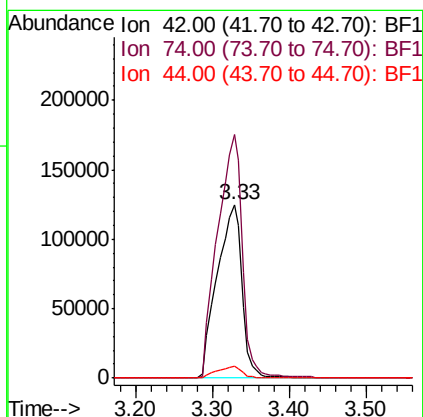
RT: 3.33 min Scan# 211

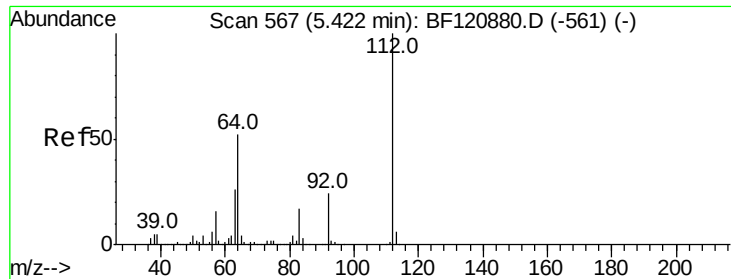
Delta R.T. 0.15 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Tgt Ion	42	Resp	279997
Ion Ratio	Lower	Upper	
42	100		
74	140.6	108.7	163.1
44	6.7	5.2	7.8





#5

2-Fluorophenol

Concen: 98.983 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

ClientSampleId :

PB130408BS

Tot Ion:112 Resp: 1334499

Ion Ratio Lower Upper

112 100

64 55.8 41.3 61.9

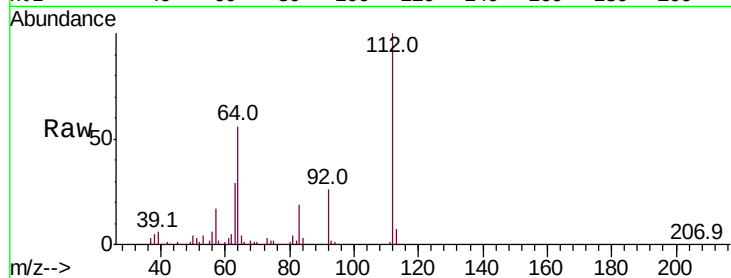
63 29.2 21.1 31.7

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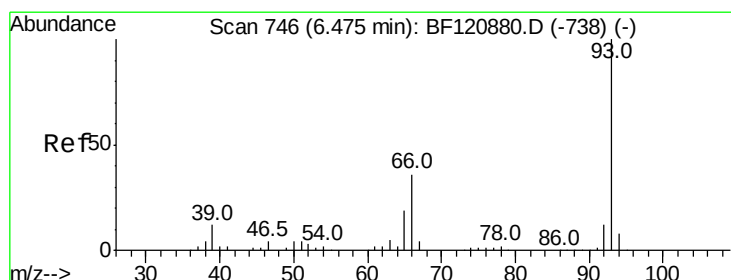
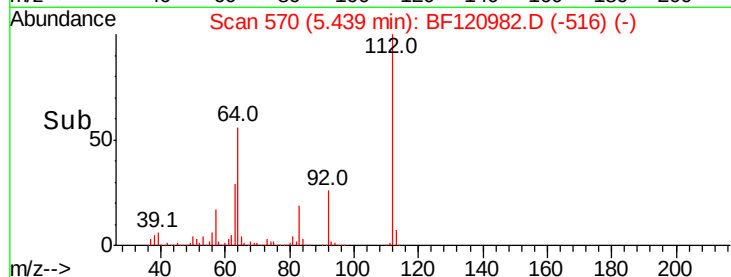
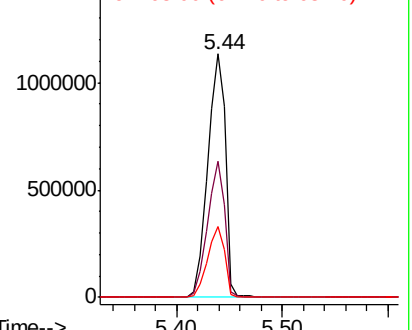
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.894 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

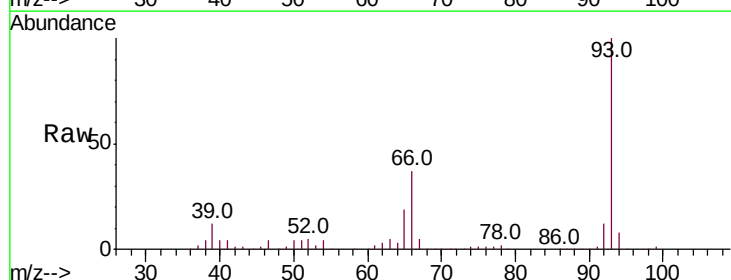
Tgt Ion: 93 Resp: 656861

Ion Ratio Lower Upper

93 100

66 36.5 30.2 45.4

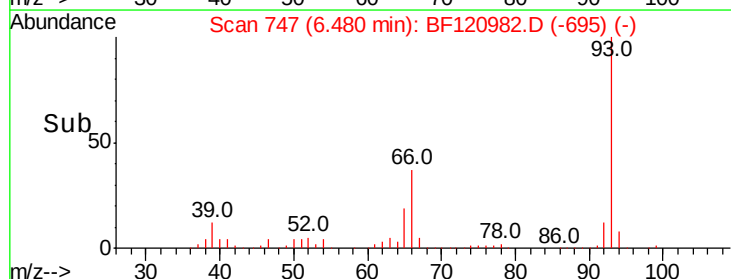
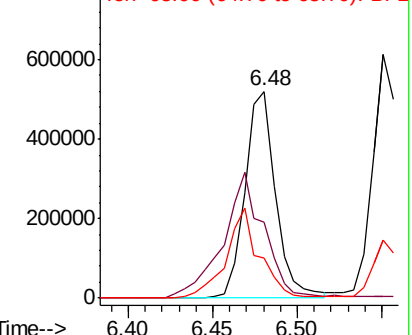
65 19.1 15.8 23.6

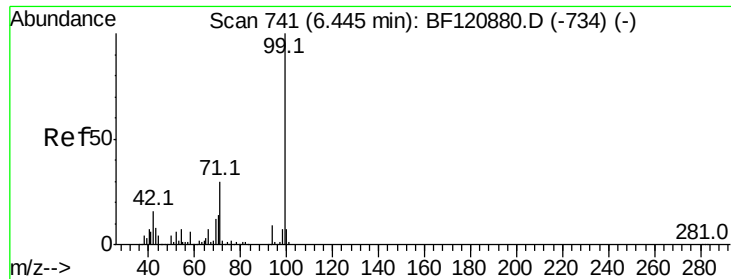


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.511 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

ClientSampleId :

PB130408BS

Tot Ion: 99 Resp: 1680790

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

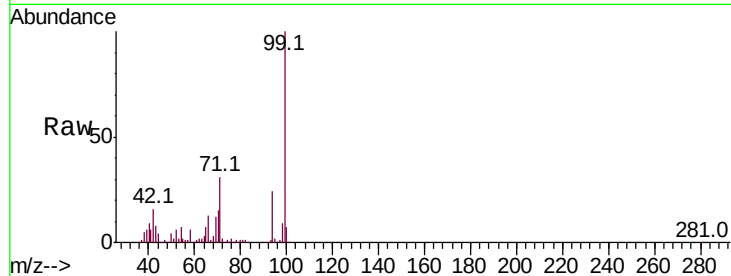
71 31.1 24.2 36.4

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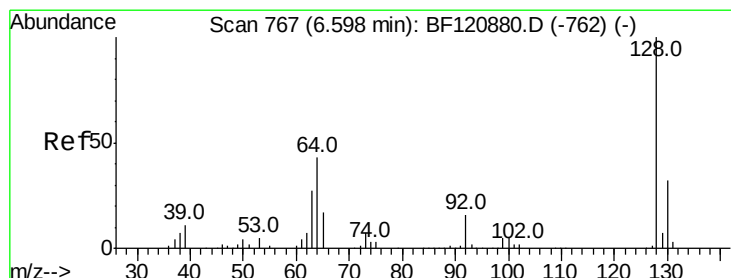
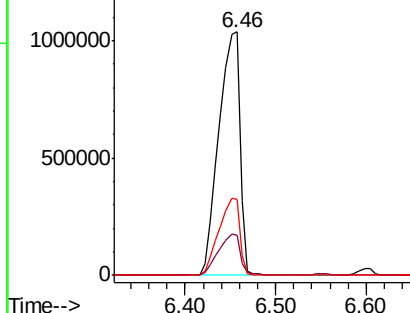
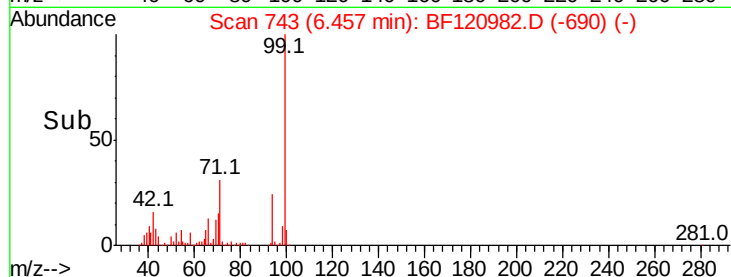
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.355 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

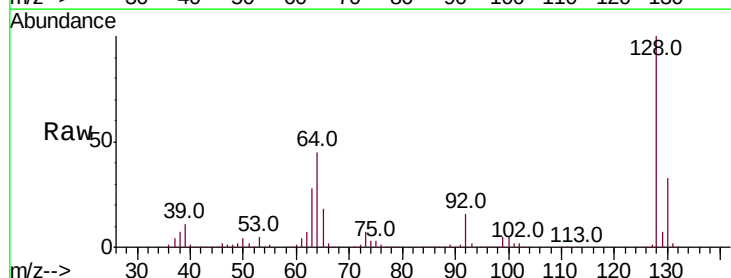
Tgt Ion: 128 Resp: 629074

Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

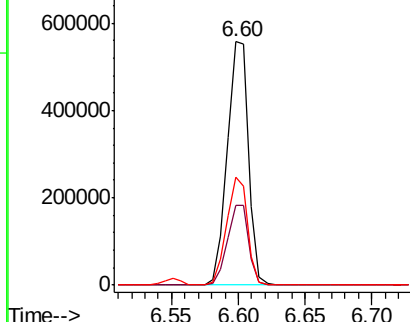
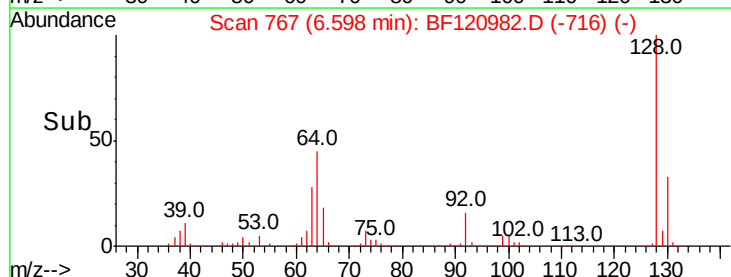
64 44.5 24.0 64.0

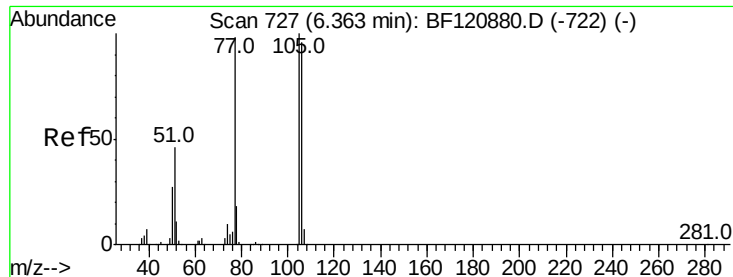


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.861 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

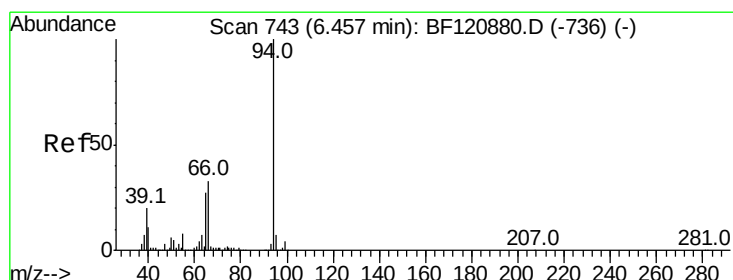
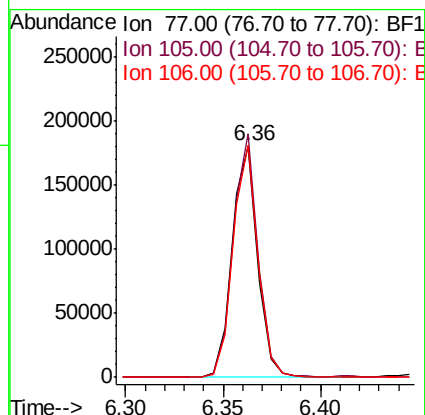
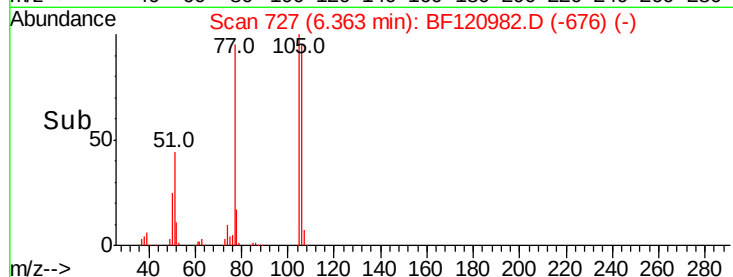
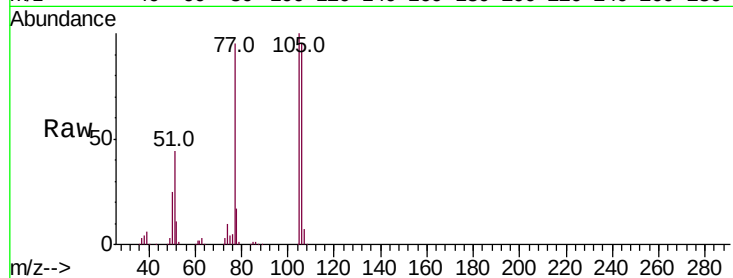
ClientSampleID :

PB130408BS

Tot Ion:	77	Resp:	162473
Ion	Ratio	Lower	Upper
77	100		
105	105.4	82.5	122.5
106	100.5	78.7	118.7

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#10

Phenol

Concen: 38.174 ng

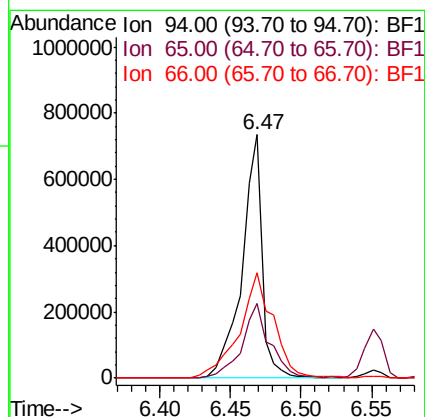
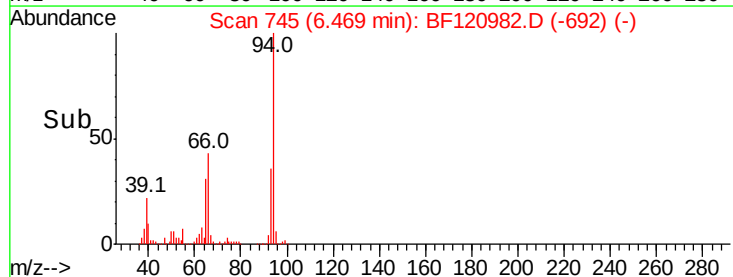
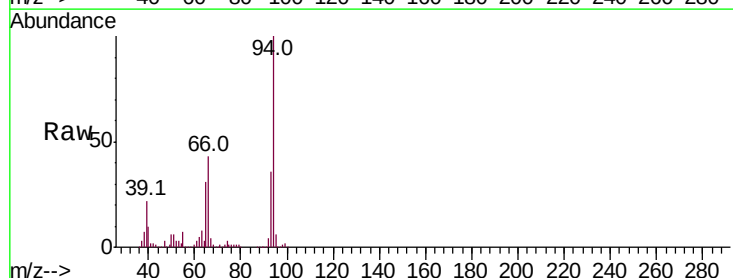
RT: 6.47 min Scan# 745

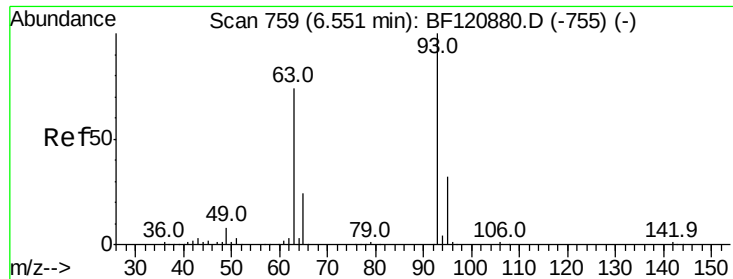
Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Tgt Ion:	94	Resp:	731310
Ion	Ratio	Lower	Upper
94	100		
65	30.9	6.6	46.6
66	43.2	13.2	53.2





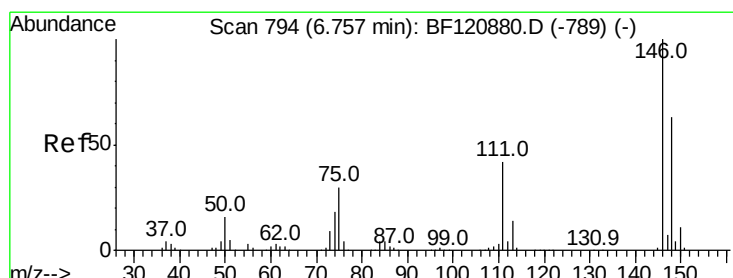
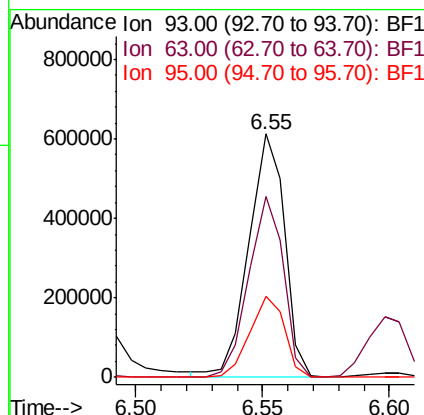
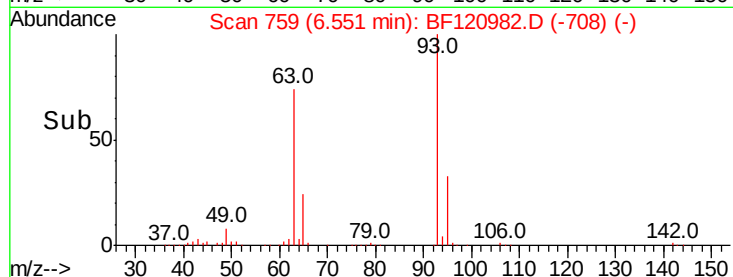
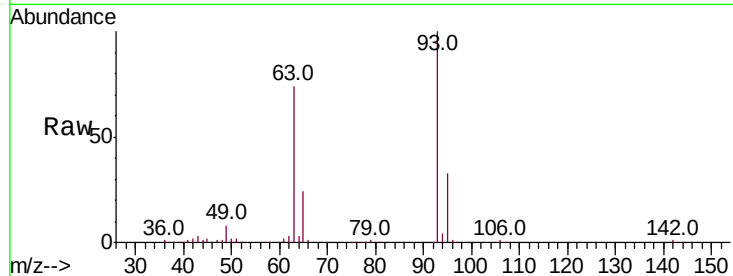
#11
bis(2-Chloroethyl)ether
Concen: 40.914 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	93	Resp	600706
Ion Ratio	100	Lower	Upper
93	100		
63	74.0	54.2	94.2
95	33.2	12.2	52.2

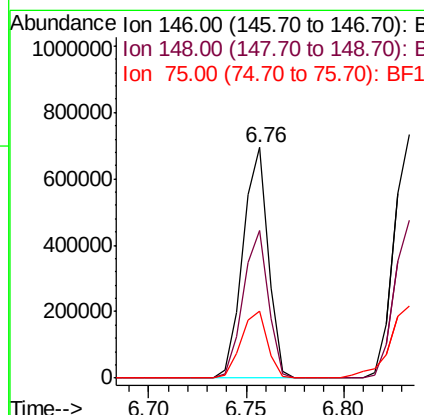
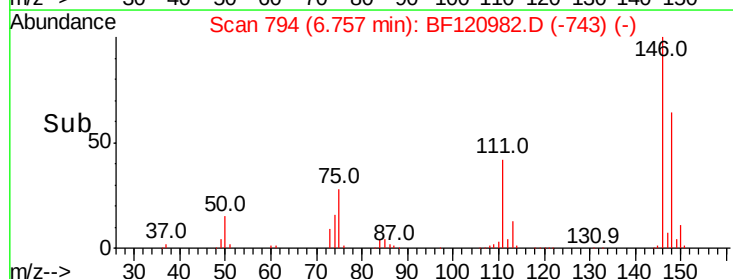
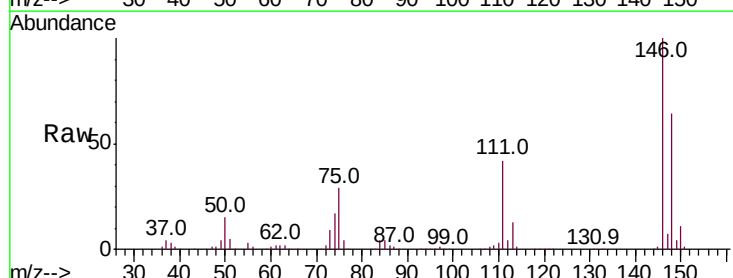
Manual Integrations
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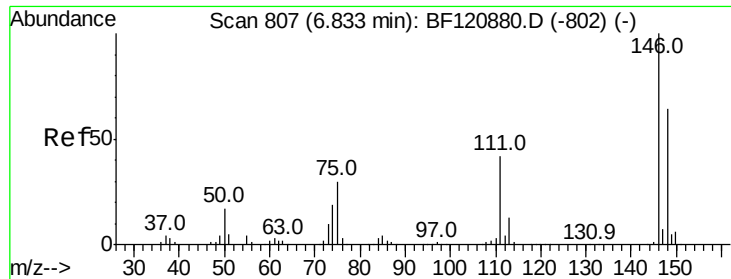
Sohil
7/24/2020 12:12:14 PM



#12
1,3-Dichlorobenzene
Concen: 38.605 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	146	Resp	621735
Ion Ratio	100	Lower	Upper
146	100		
148	64.3	50.6	75.8
75	29.0	24.1	36.1





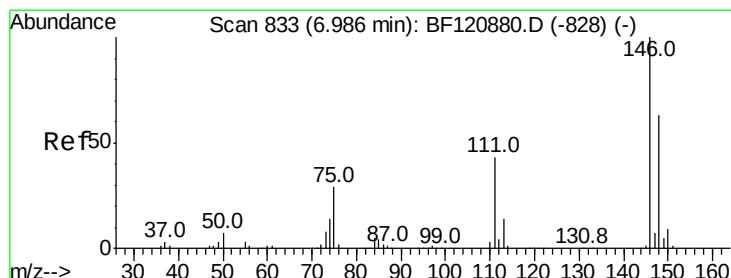
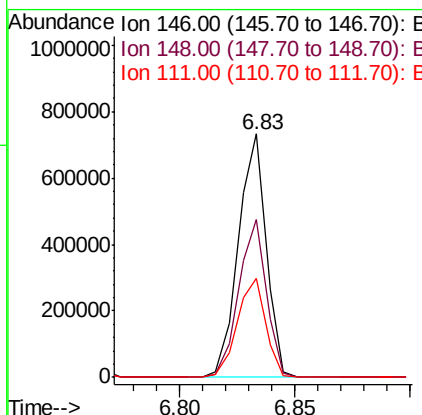
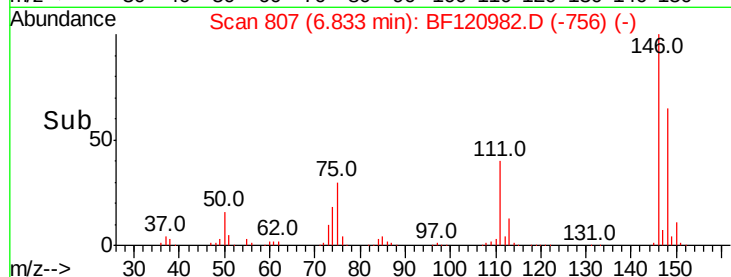
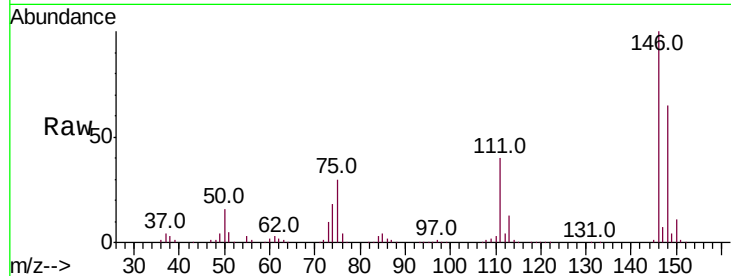
#13
 1,4-Dichlorobenzene
 Concen: 38.607 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampleID :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	40.4	33.5	50.3

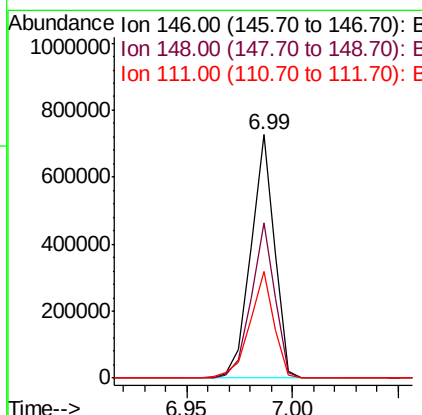
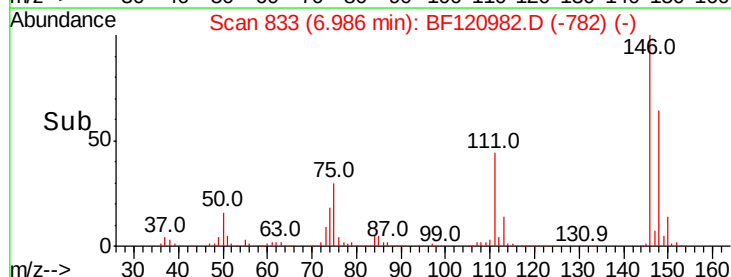
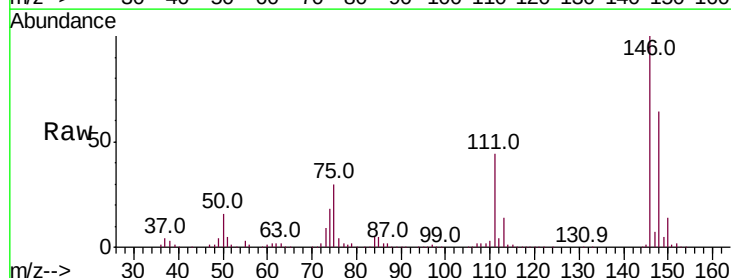
Manual Integrations
 APPROVED

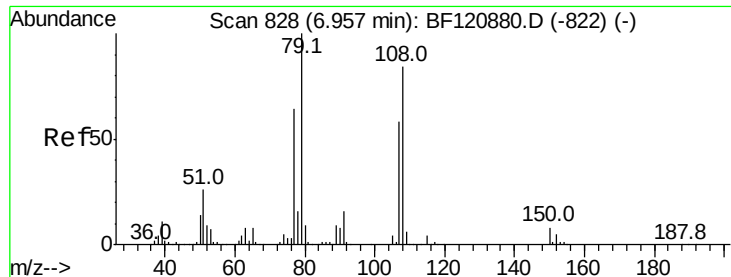
Sohil
 7/24/2020 12:12:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.487 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	43.6	34.2	51.2





#15

Benzyl Alcohol

Concen: 35.946 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

ClientSampleId :

PB130408BS

Tot Ion: 79 Resp: 442716

Ion Ratio Lower Upper

79 100

108 83.2 67.0 100.6

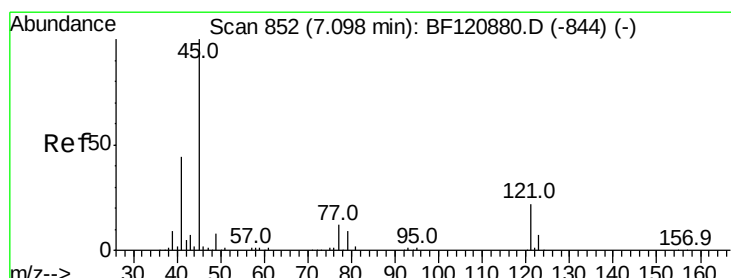
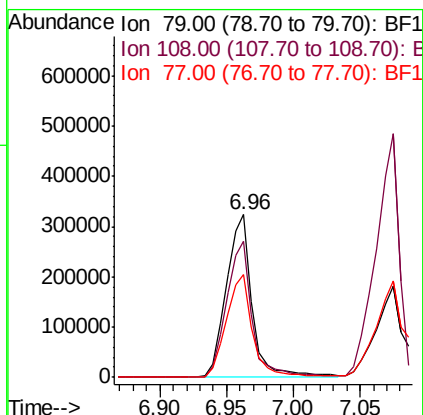
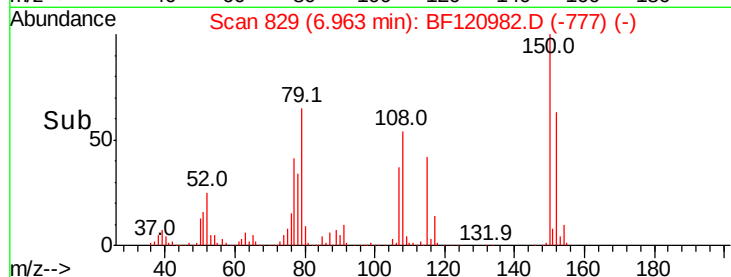
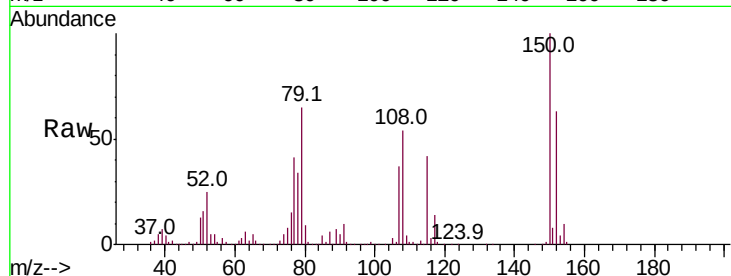
77 63.1 51.0 76.4

Manual Integrations

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Sohil

7/24/2020 12:12:14 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.833 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

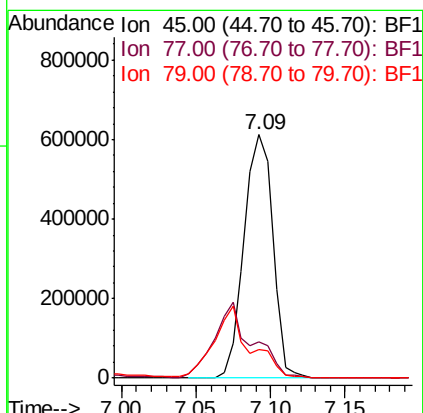
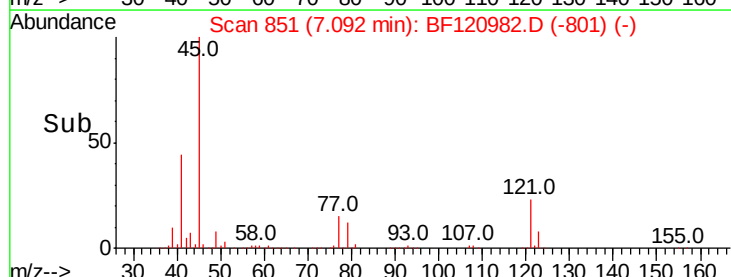
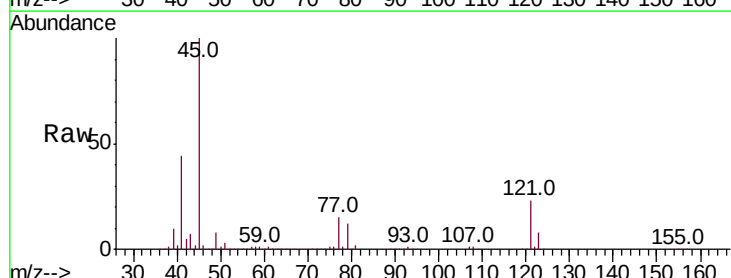
Tgt Ion: 45 Resp: 821797

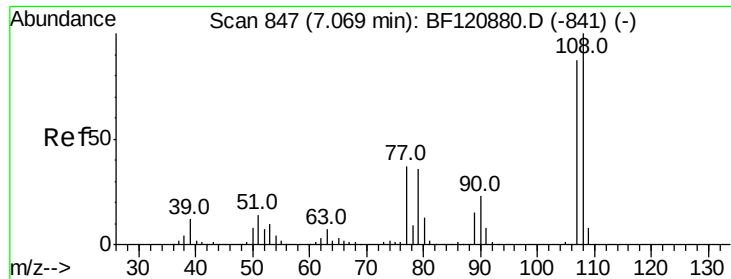
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.3

79 11.7 0.0 31.0





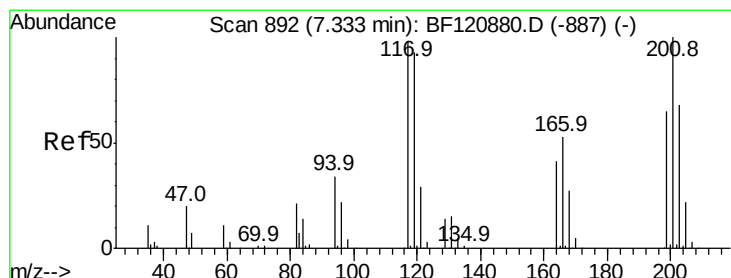
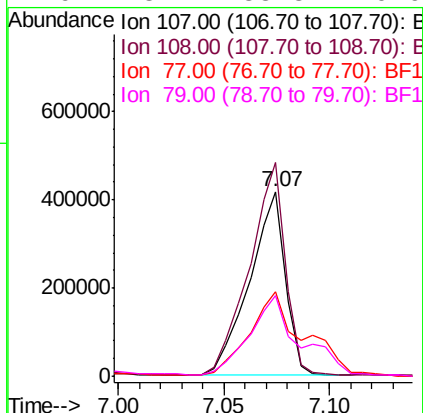
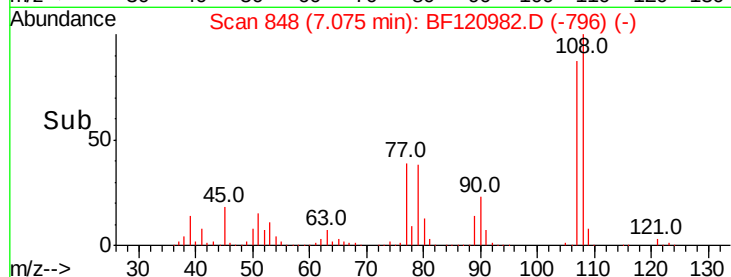
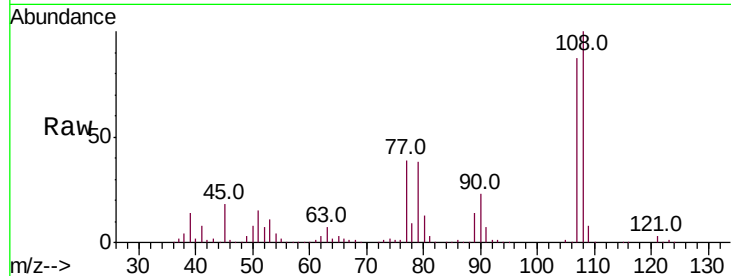
#17
2-Methylphenol
Concen: 37.391 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.0	138.0
77	45.6	34.0	51.0
79	43.4	33.3	49.9

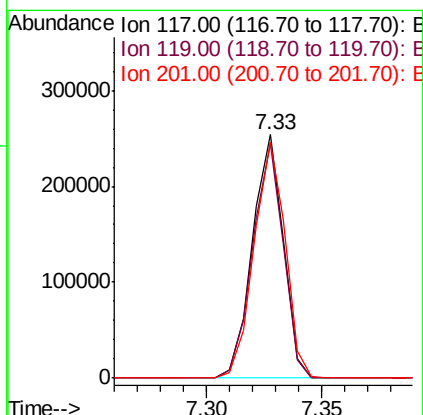
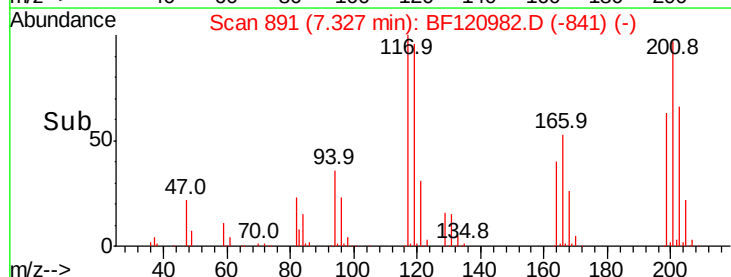
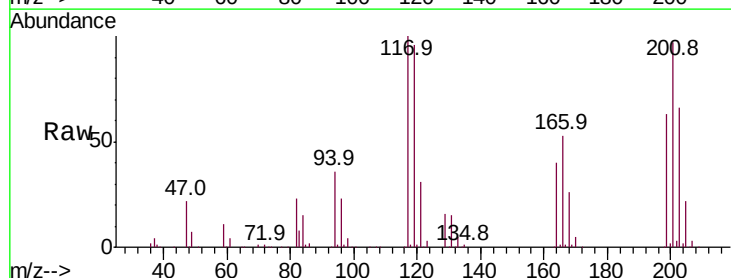
Manual Integrations
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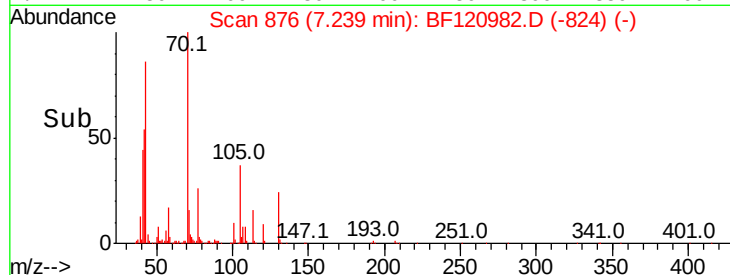
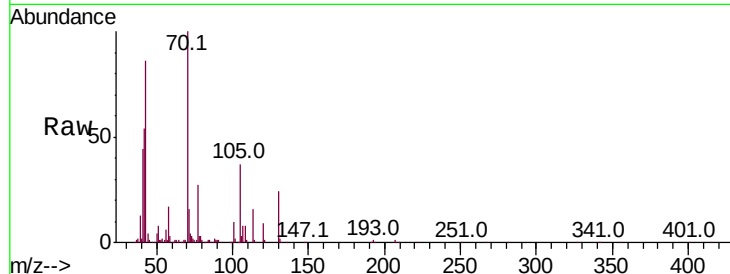
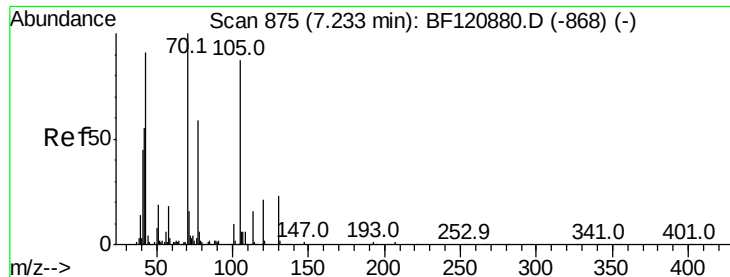
Sohil
7/24/2020 12:12:14 PM



#18
Hexachloroethane
Concen: 40.878 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.0	114.0
201	96.8	81.7	122.5





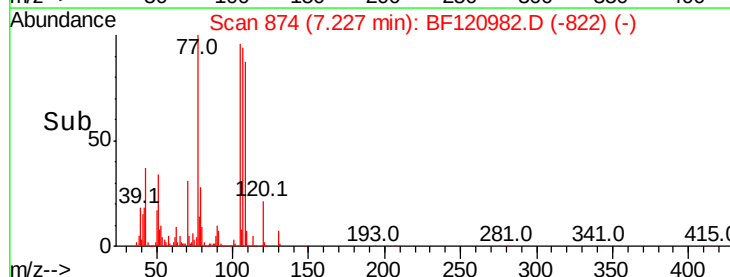
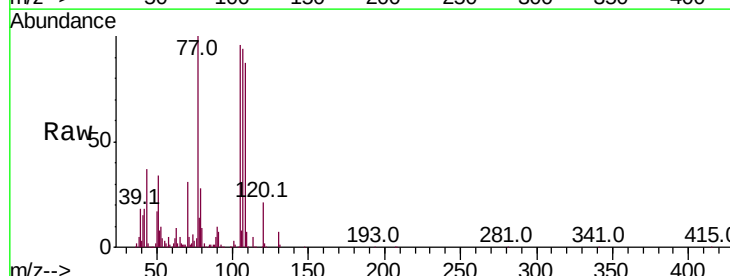
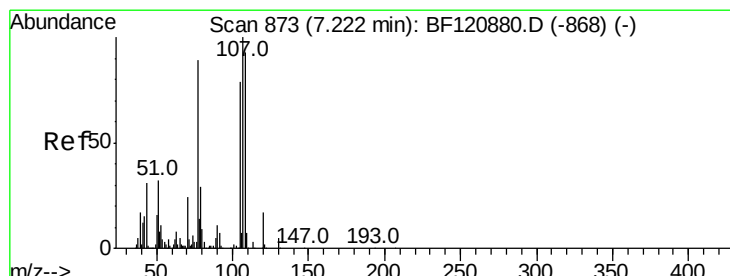
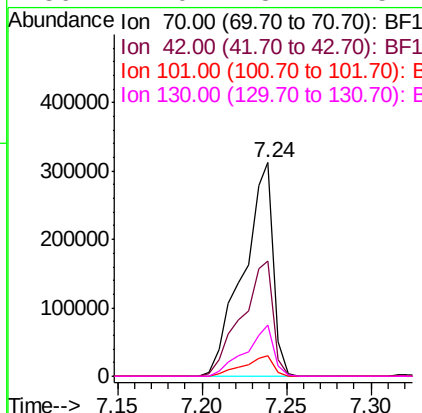
#19
n-Nitroso-di-n-propylamine
Concen: 39.177 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	44.0	66.0	
101	9.8	7.8	11.6	
130	24.0	18.7	28.1	

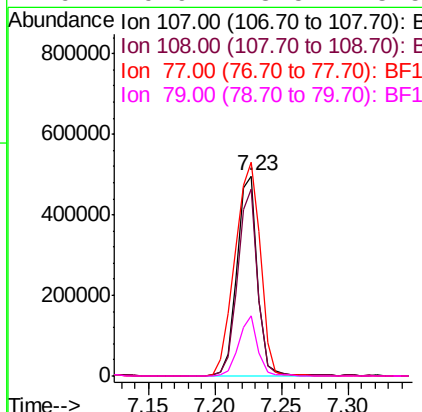
Manual Integrations
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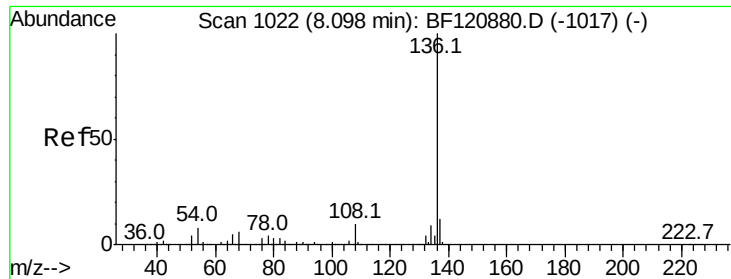
Sohil
7/24/2020 12:12:14 PM



#20
3+4-Methylphenols
Concen: 31.802 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.5	72.8	112.8	
77	106.9	68.7	108.7	
79	29.9	8.5	48.5	





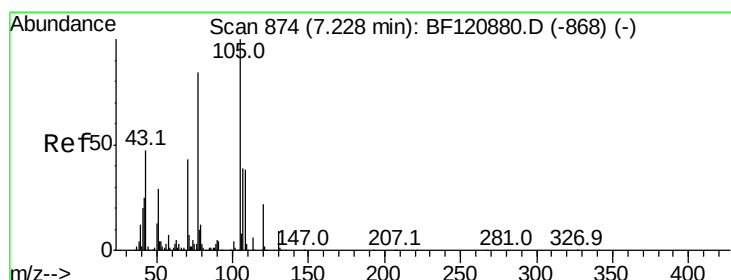
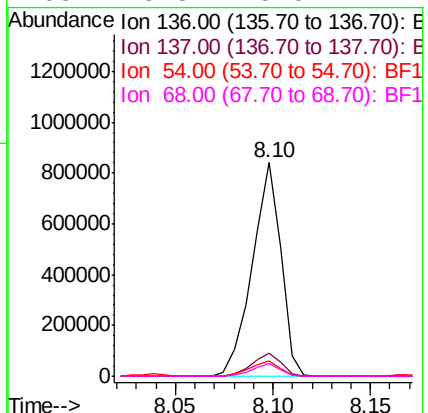
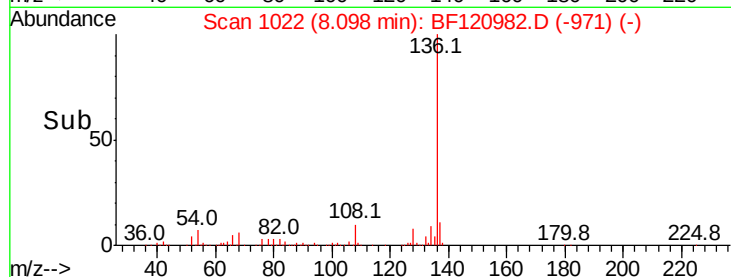
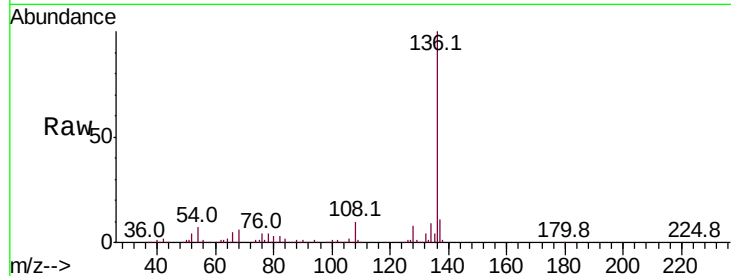
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	9.3	13.9		
54	7.3	6.3	9.5		
68	5.8	5.0	7.4		

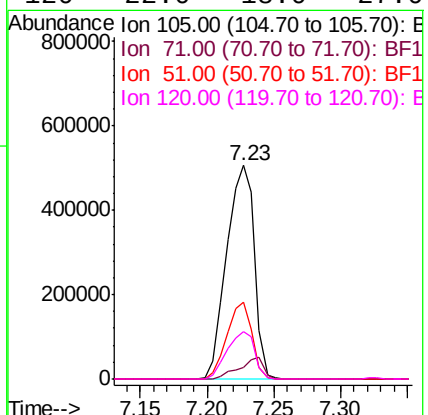
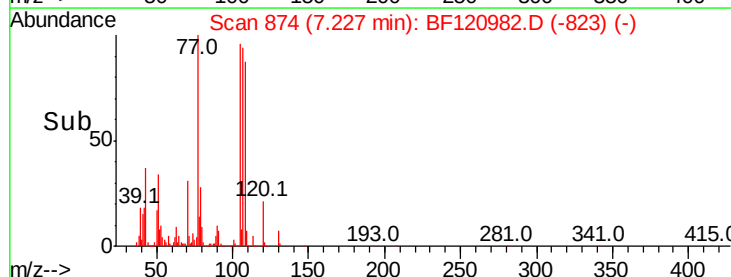
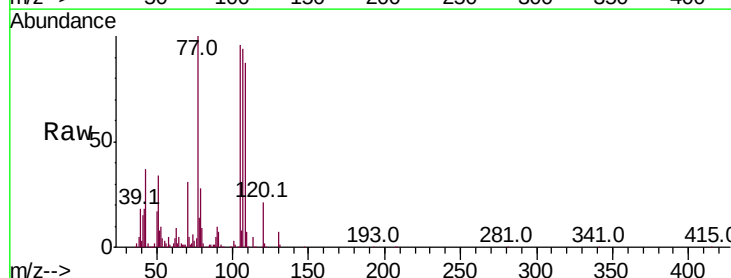
Manual Integrations
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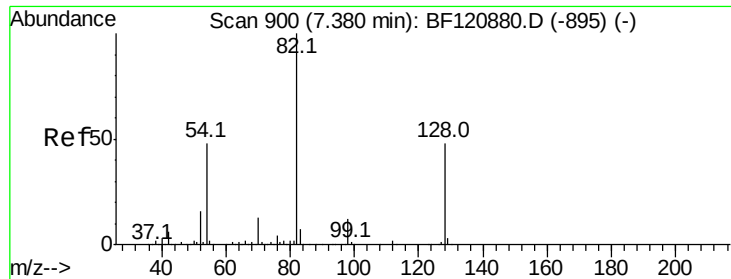
Sohil
7/24/2020 12:12:14 PM



#22
Acetophenone
Concen: 38.499 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.4	5.7	8.5#		
51	35.9	22.9	34.3#		
120	22.0	18.0	27.0		





#23
 Nitrobenzene-d5
 Concen: 73.847 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

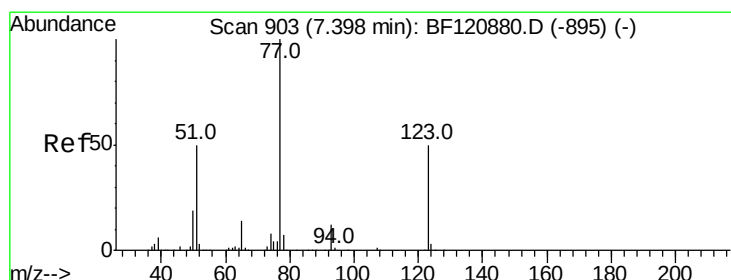
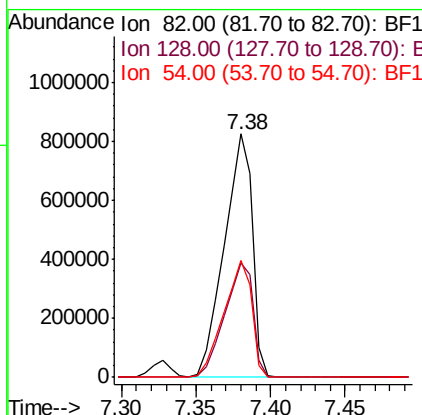
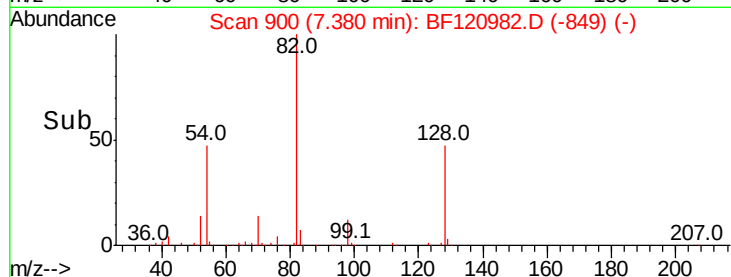
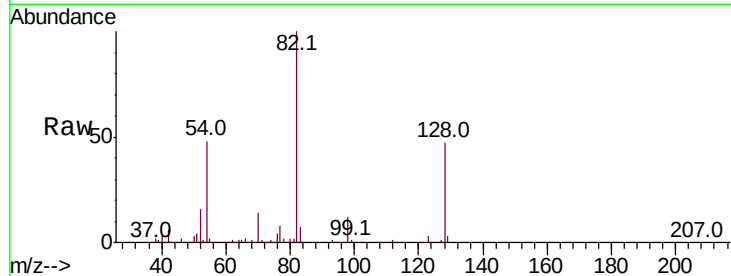
Instrument :
 BNA_F
 ClientSampled :
 PB130408BS

Tot Ion: 82 Resp: 1091469

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.2	57.4
54	48.1	38.7	58.1

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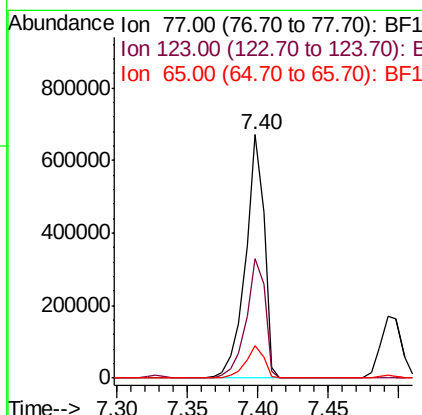
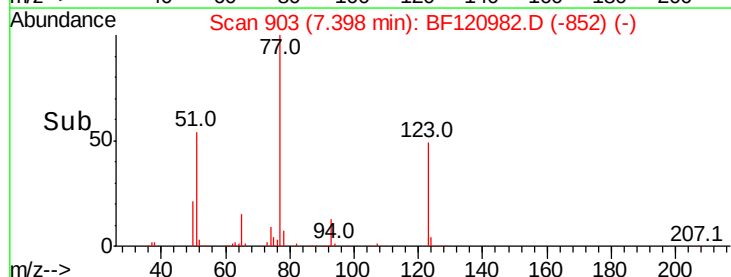
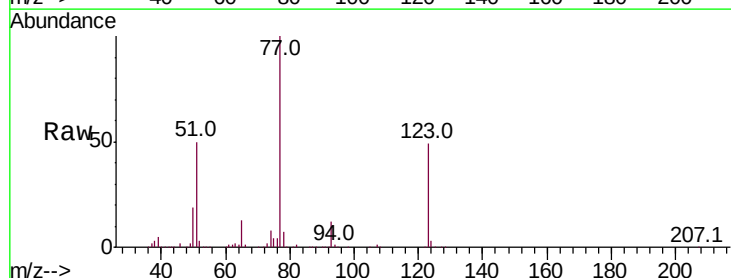
Sohil
 7/24/2020 12:12:14 PM

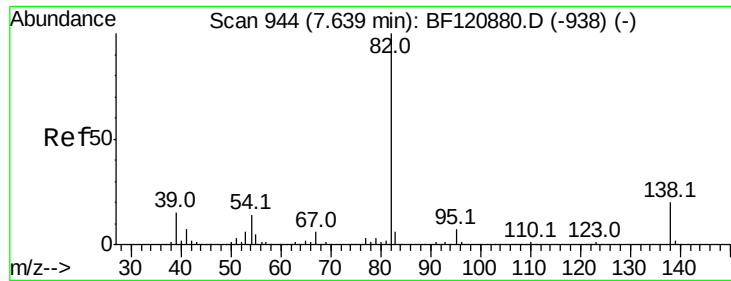


#24
 Nitrobenzene
 Concen: 38.901 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion: 77 Resp: 619693

Ion	Ratio	Lower	Upper
77	100		
123	49.1	40.1	60.1
65	13.4	10.8	16.2





#25

Isophorone

Concen: 39.517 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

ClientSampleId :

PB130408BS

Tot Ion: 82 Resp: 1165671

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

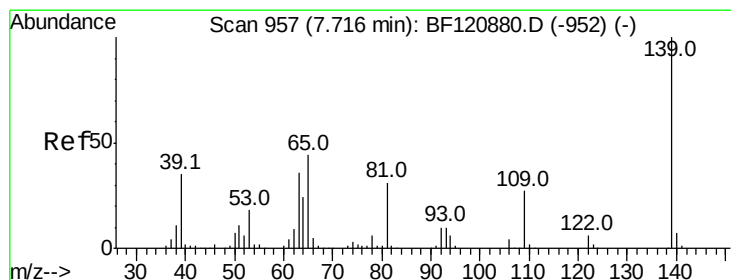
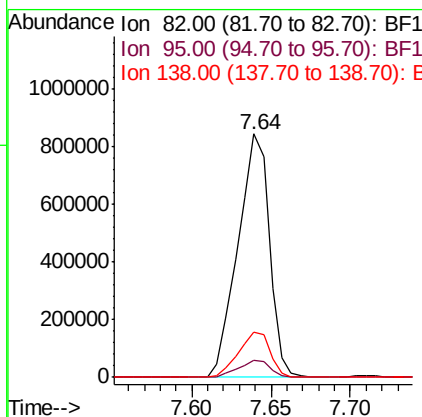
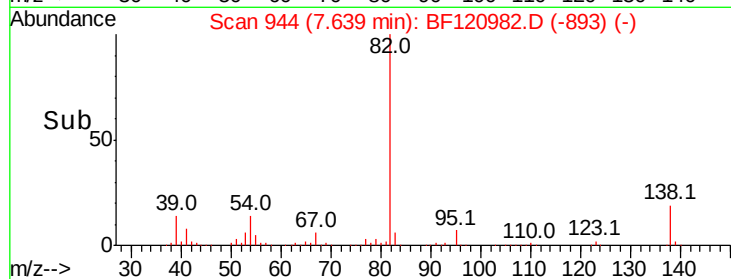
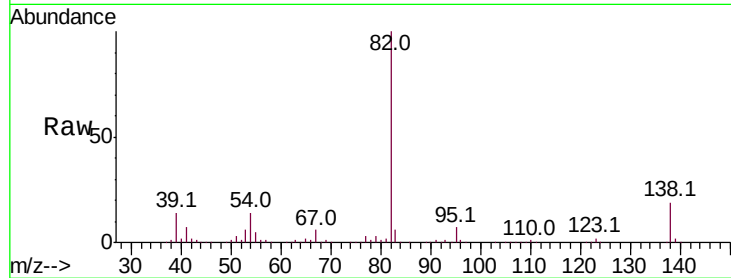
138 18.8 15.6 23.4

Manual Integrations

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Sohil

7/24/2020 12:12:14 PM



#26

2-Nitrophenol

Concen: 44.176 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

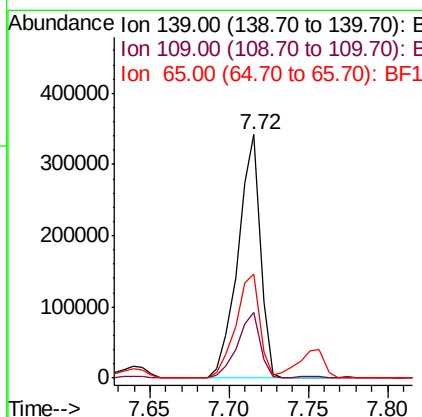
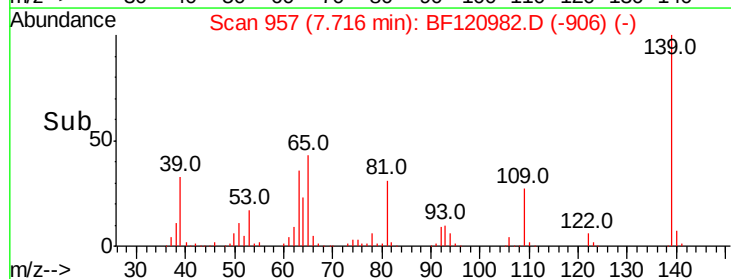
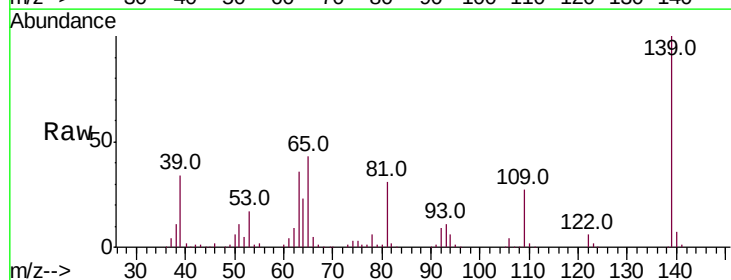
Tgt Ion: 139 Resp: 334228

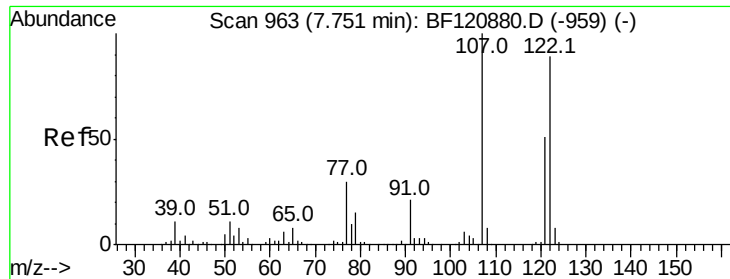
Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

65 42.9 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 42.207 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

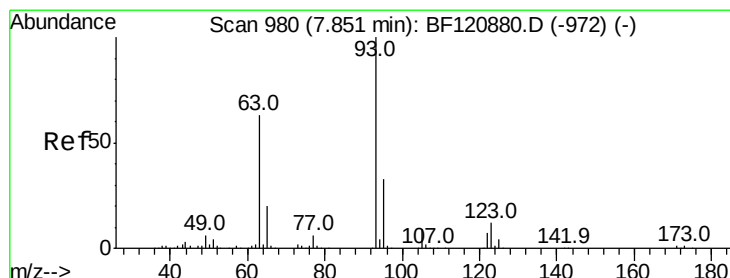
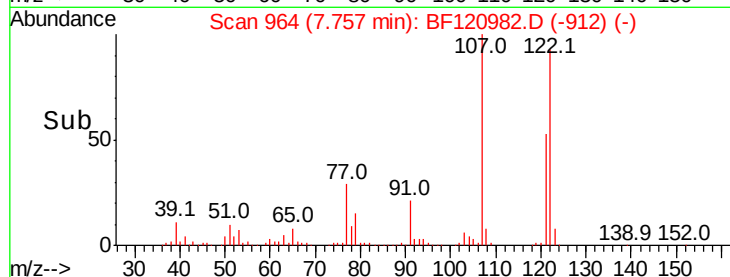
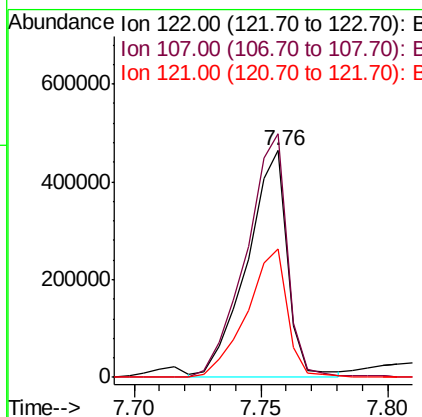
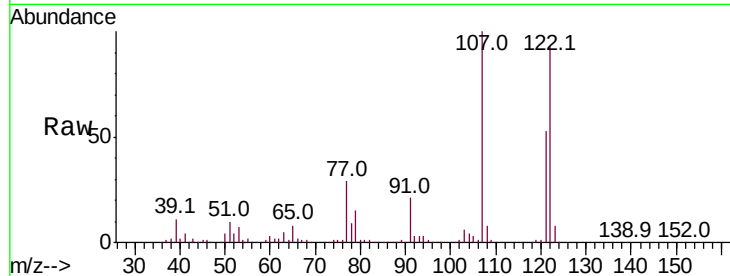
ClientSampleId :

PB130408BS

Tot Ion:	122	Resp:	518462
Ion Ratio	Lower	Upper	
122	100		
107	107.5	89.4	134.0
121	56.6	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 41.443 ng

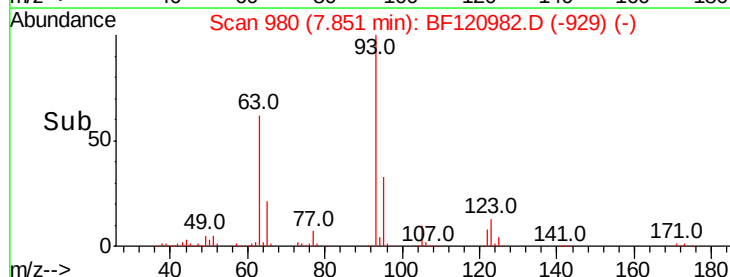
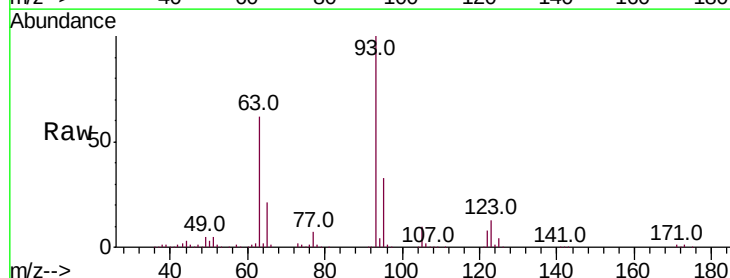
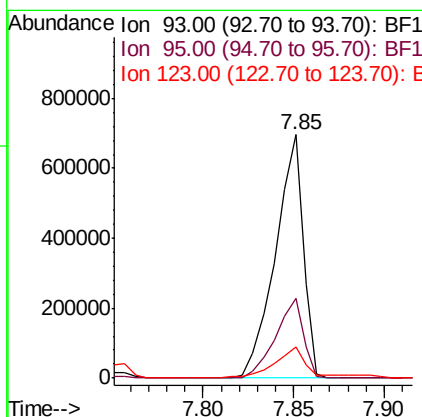
RT: 7.85 min Scan# 980

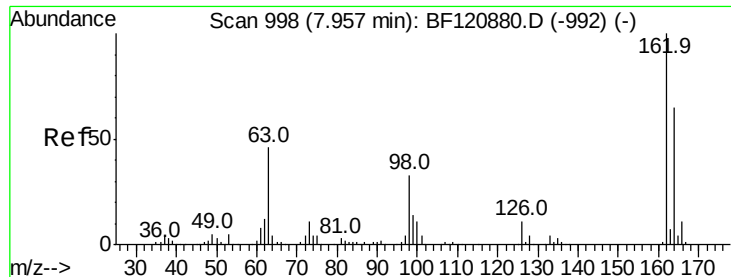
Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Tgt Ion:	93	Resp:	746233
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	39.8
123	12.8	10.0	15.0





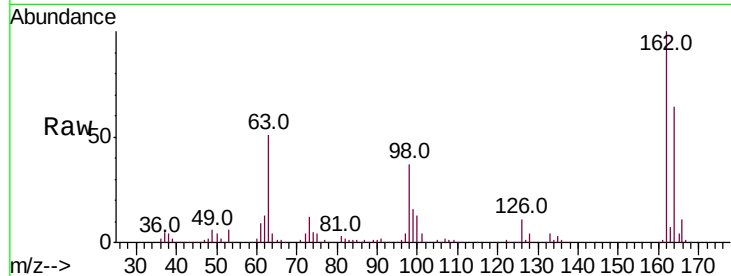
#29
2,4-Dichlorophenol
Concen: 41.357 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	519117		
164	63.6	45.3	85.3	
98	36.7	13.3	53.3	

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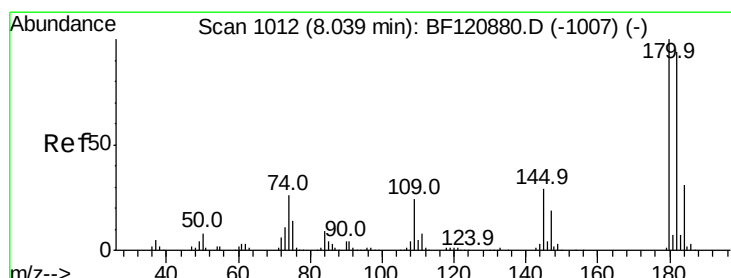
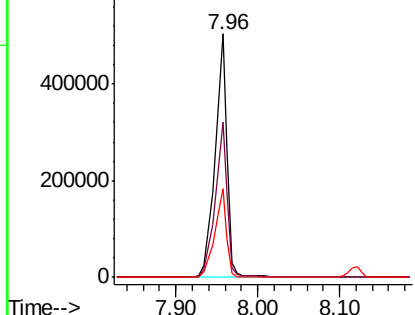
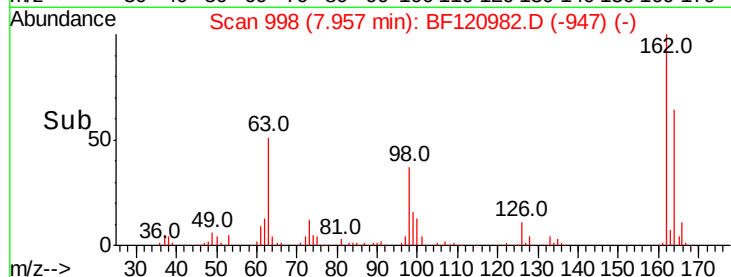


Abundance

Ion 162.00 (161.70 to 162.70): E

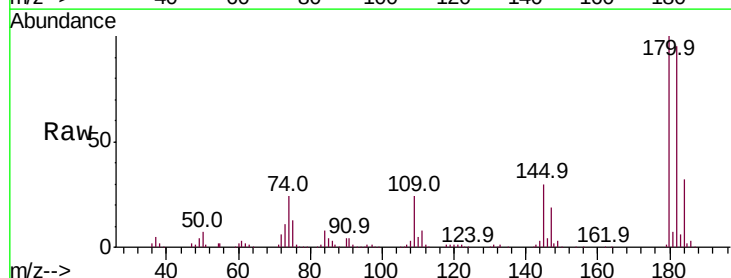
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.033 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	557515		
182	95.2	75.0	112.6	
145	29.9	23.5	35.3	

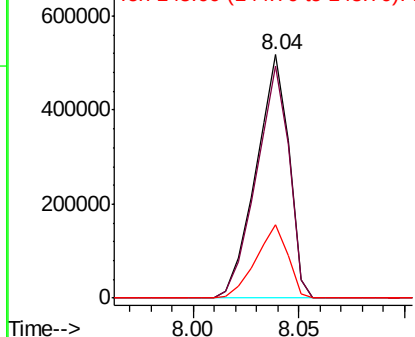
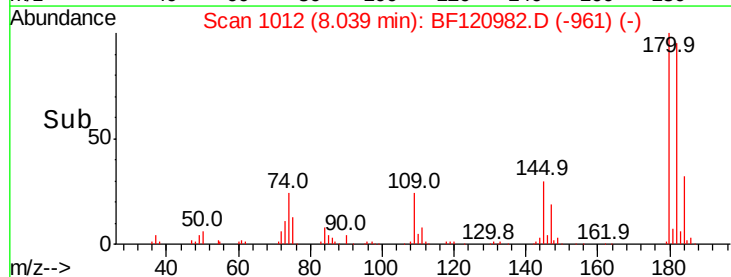


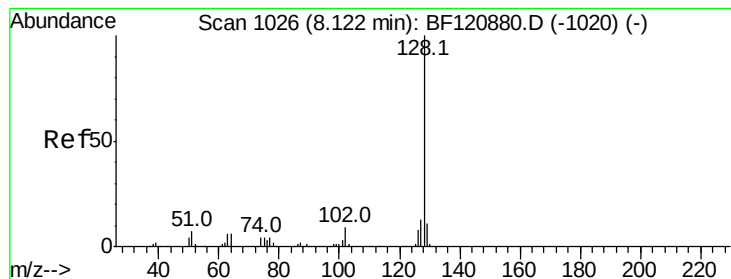
Abundance

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: 38.387 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

ClientSampleId :

PB130408BS

Tot Ion:128 Resp: 1683997

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

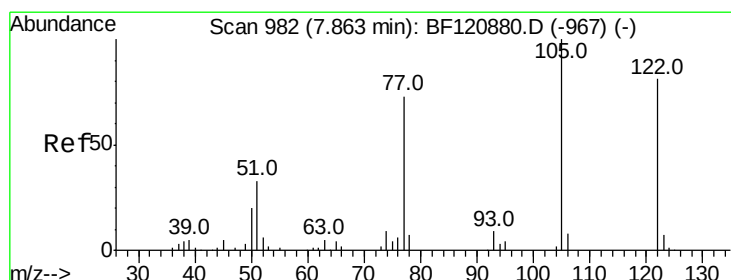
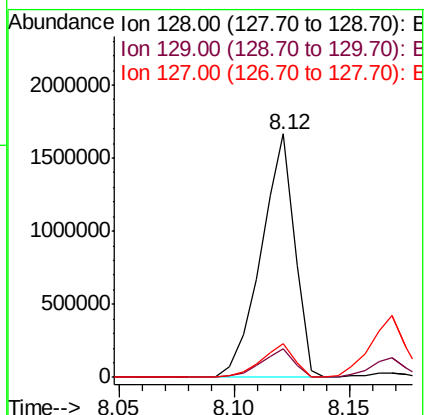
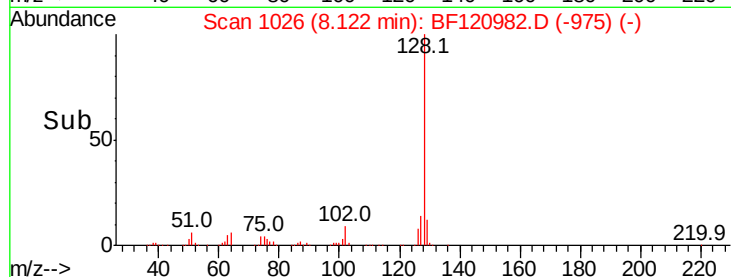
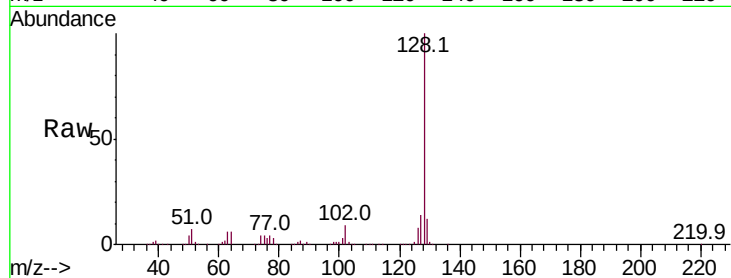
127 13.8 10.7 16.1

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#32

Benzoic acid

Concen: 44.801 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

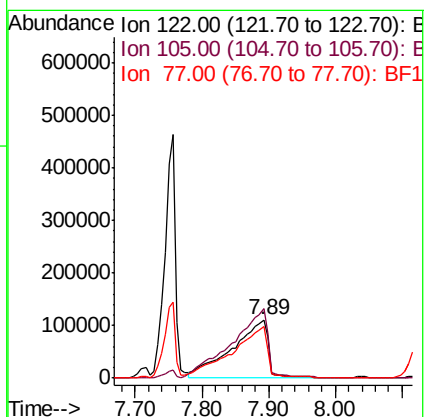
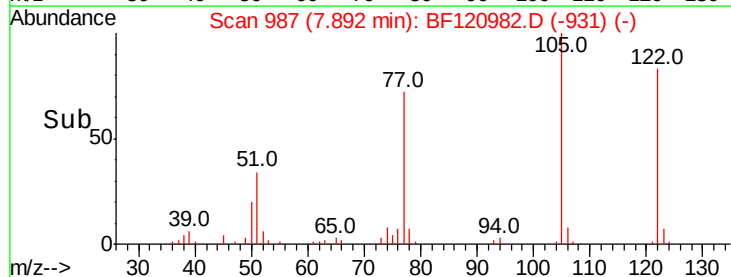
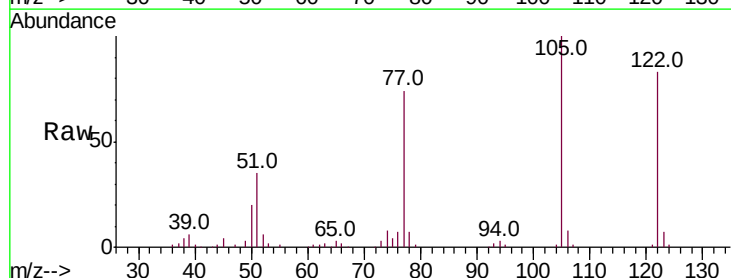
Tgt Ion:122 Resp: 413111

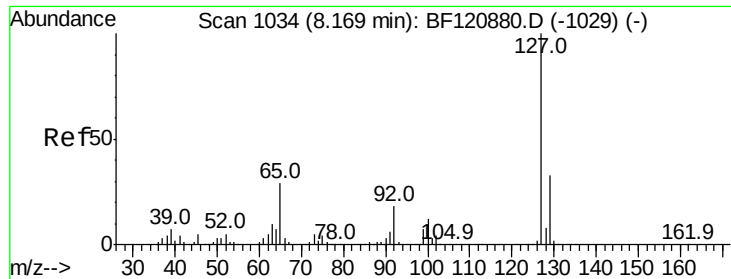
Ion Ratio Lower Upper

122 100

105 119.8 101.3 141.3

77 88.1 69.1 109.1





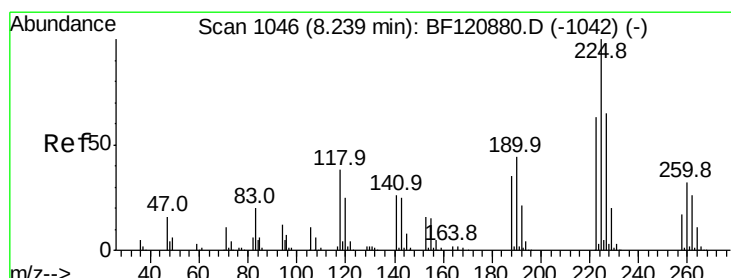
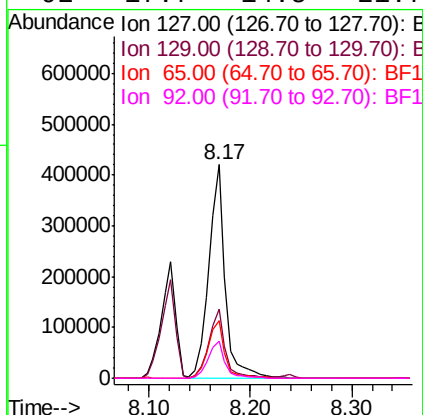
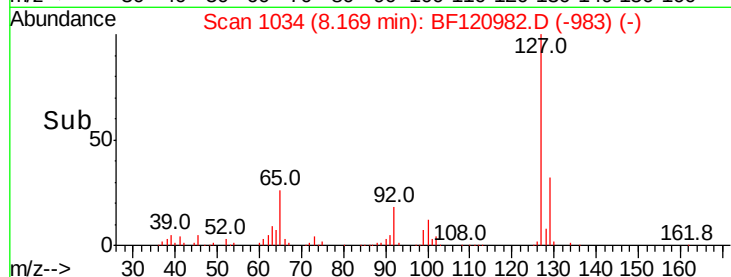
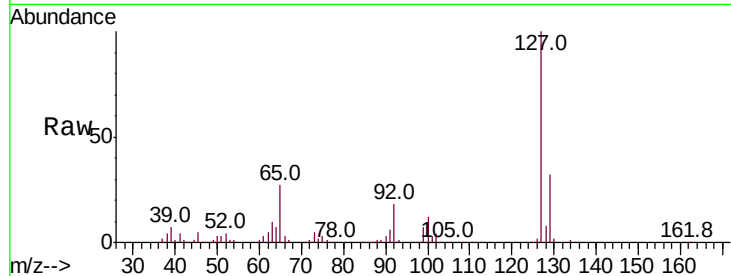
#33
4-Chloroaniline
Concen: 24.069 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		471017		
129	32.3	26.5	39.7		
65	26.9	23.0	34.4		
92	17.7	14.5	21.7		

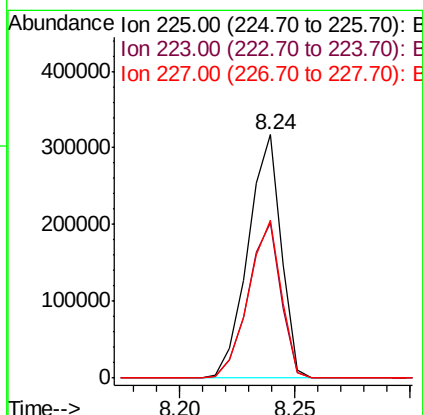
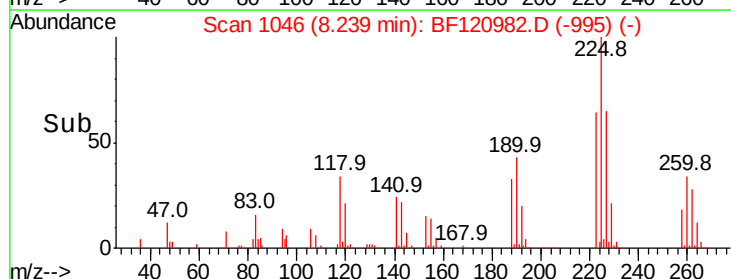
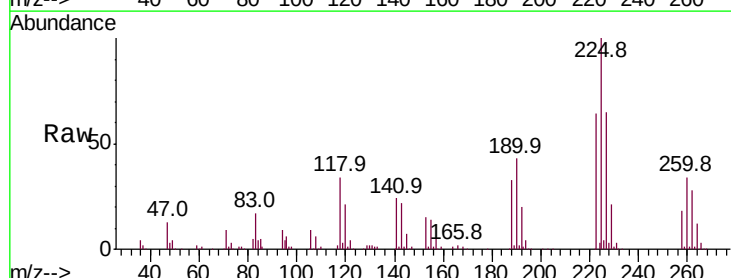
Manual Integrations
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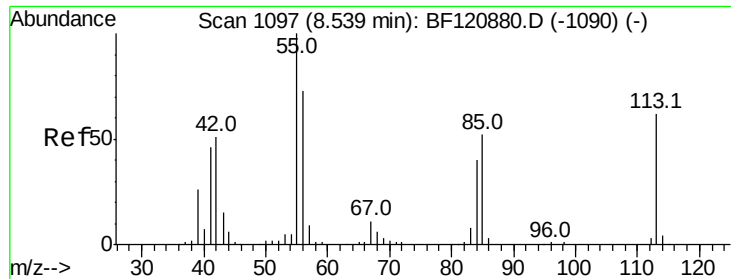
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#34
Hexachlorobutadiene
Concen: 38.801 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		318543		
223	63.6	50.6	76.0		
227	65.0	52.2	78.2		





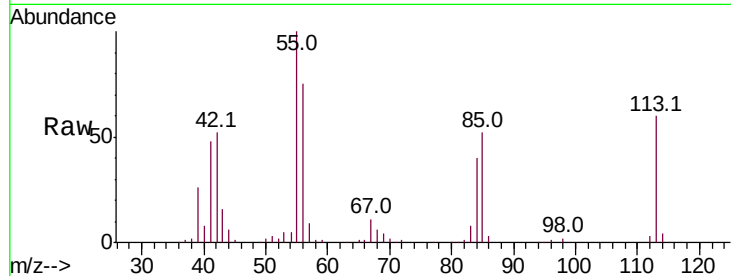
#35
 Caprolactam
 Concen: 39.825 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.1	143.3	183.3
56	124.3	99.4	139.4

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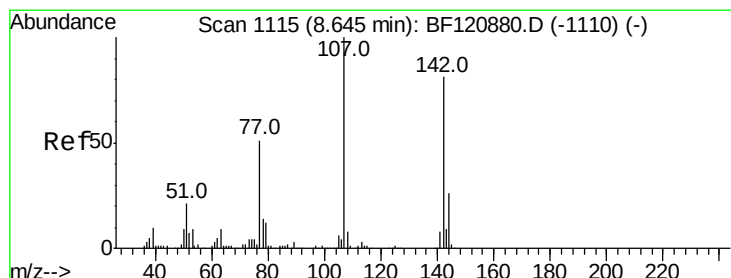
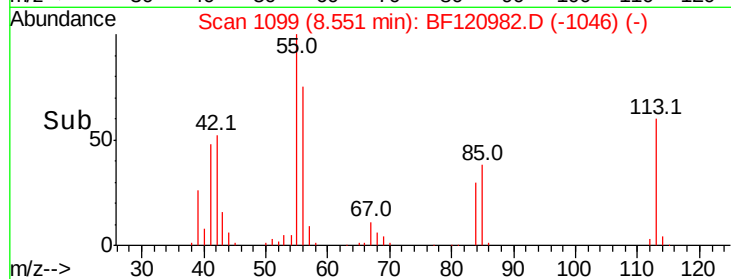
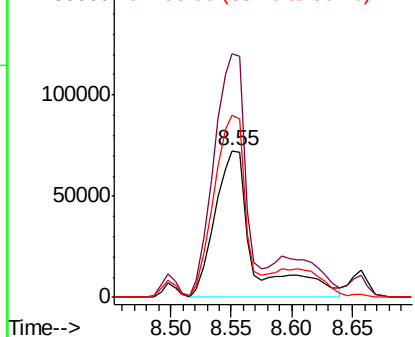


Abundance

Ion 113.00 (112.70 to 113.70): E

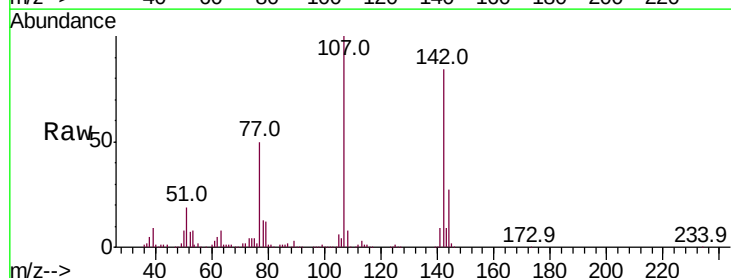
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 41.514 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.0	31.6
142	83.6	65.0	97.6

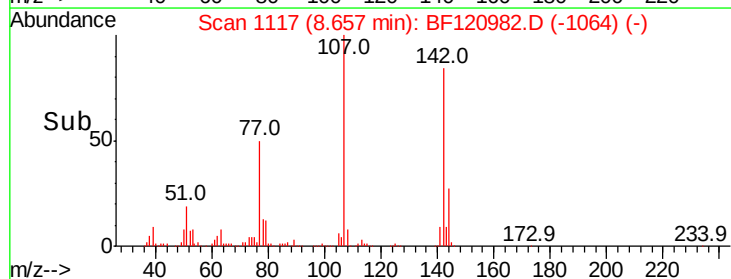
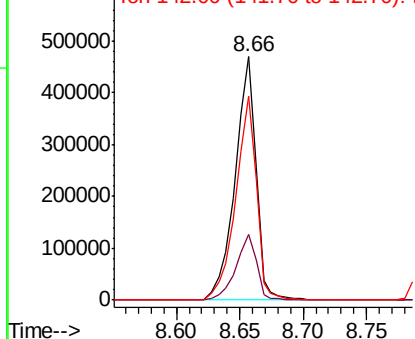


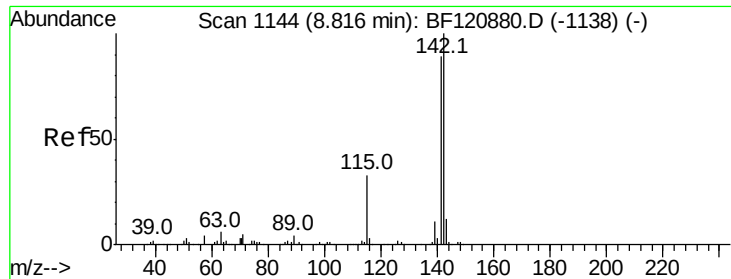
Abundance

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





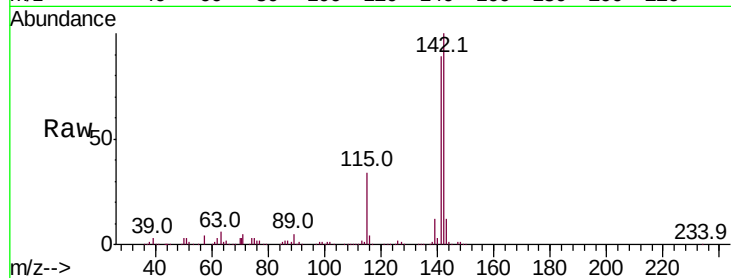
#37
2-Methylnaphthalene
Concen: 40.807 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4
115	34.3	26.0	39.0

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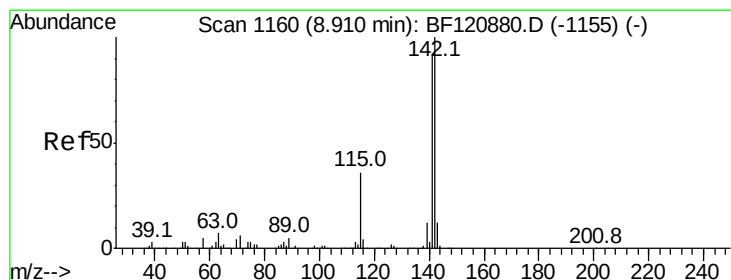
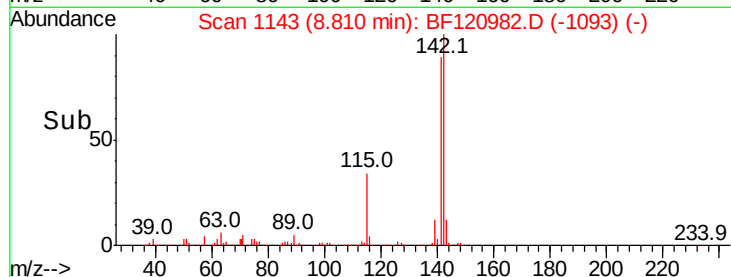
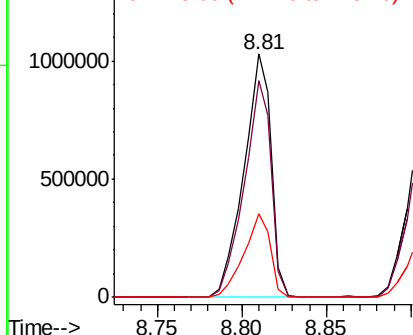


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.020 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

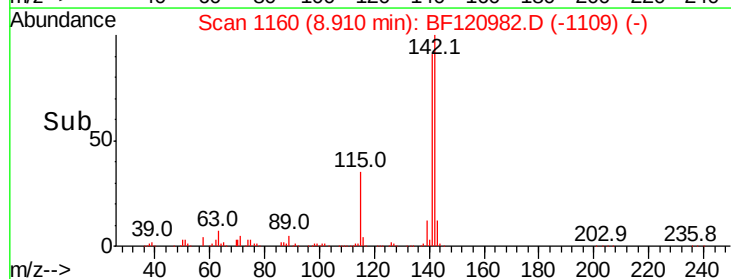
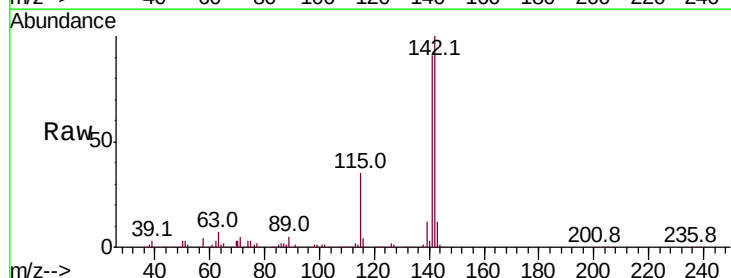
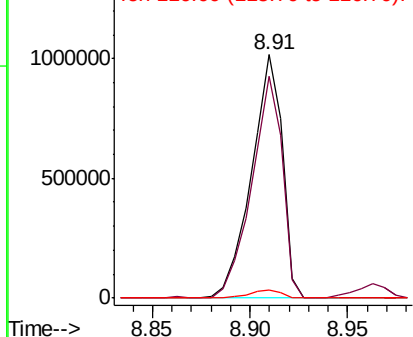
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.7	110.5
116	3.5	3.0	4.6

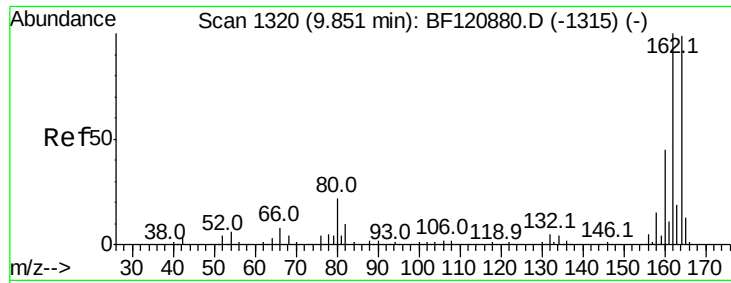
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





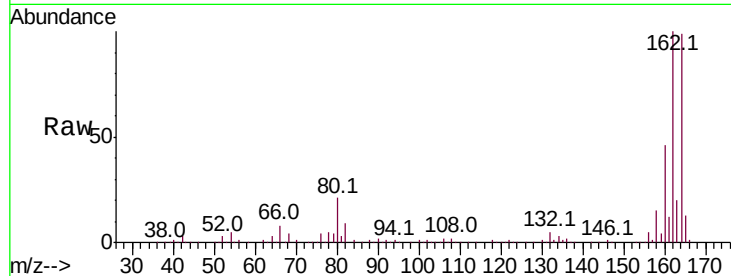
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampled :
PB130408BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	449197		
162	100.6	81.2	121.8	
160	46.0	36.9	55.3	

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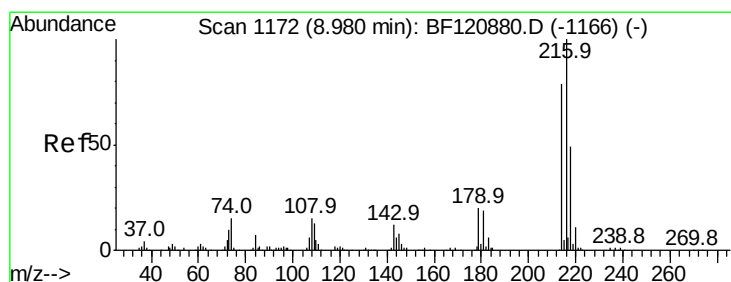
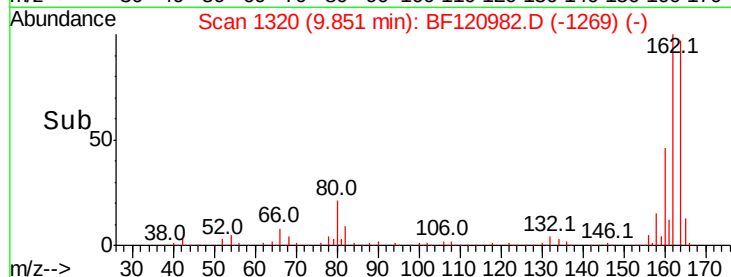
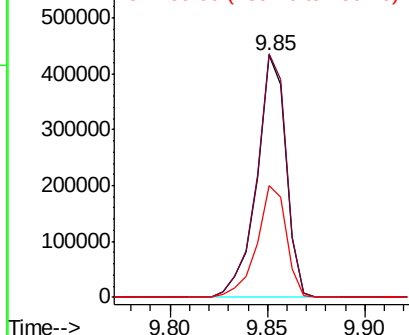


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.978 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	497043		
214	78.6	63.8	95.8	
179	20.6	16.6	24.8	
108	20.5	15.4	23.0	

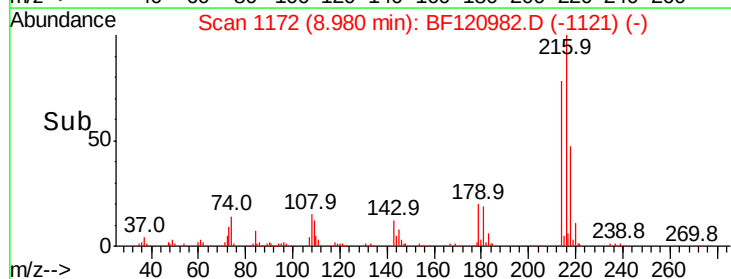
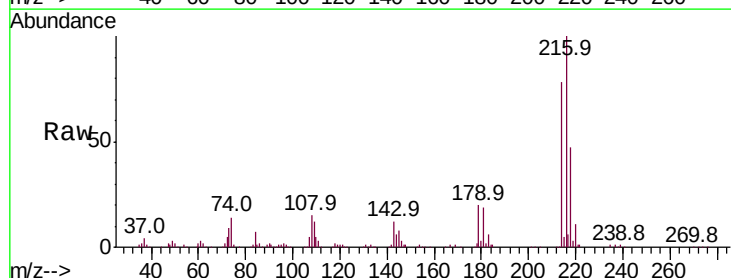
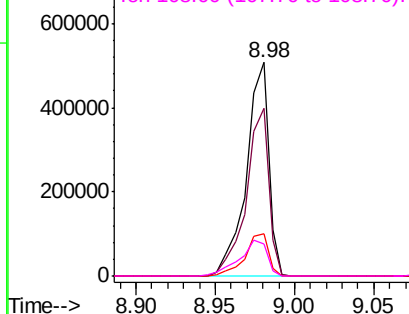
Abundance

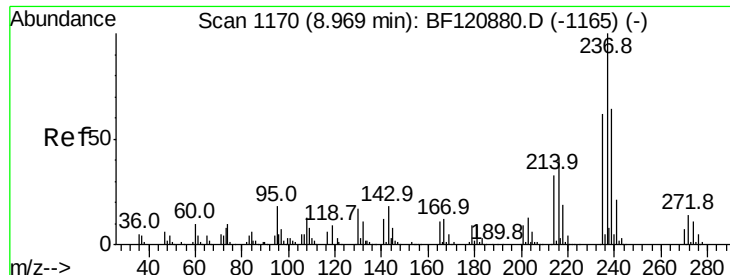
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.413 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

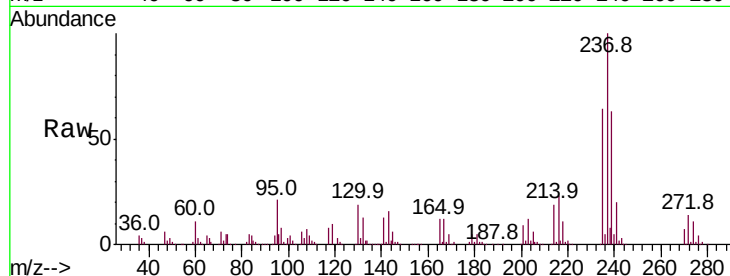
ClientSampleId :

PB130408BS

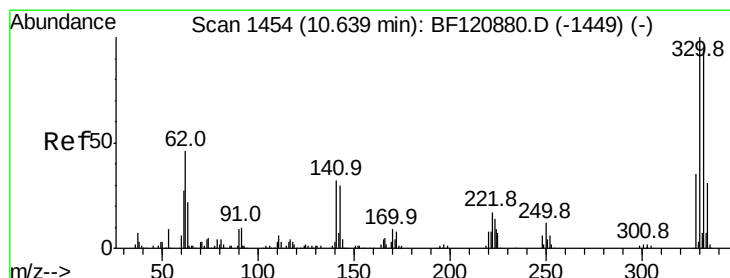
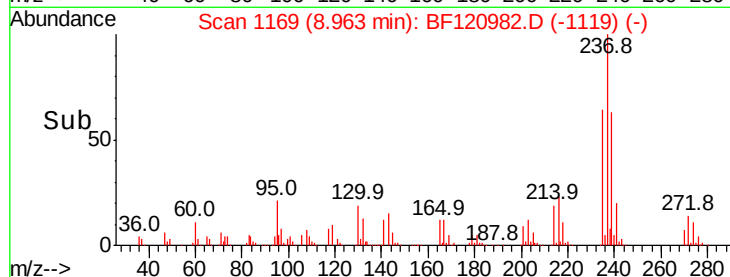
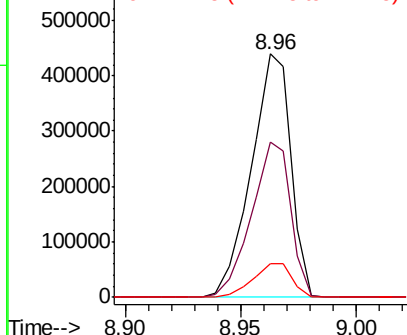
Tot Ion	Ratio	Resp	Lower	Upper
237	100	523782		
235	63.9	41.6	81.6	
272	13.9	0.0	33.7	

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



#42

2,4,6-Tribromophenol

Concen: 101.559 ng

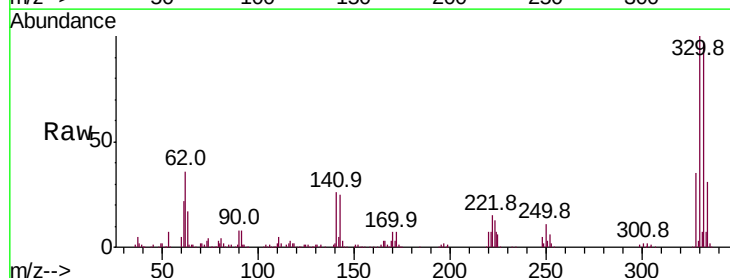
RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

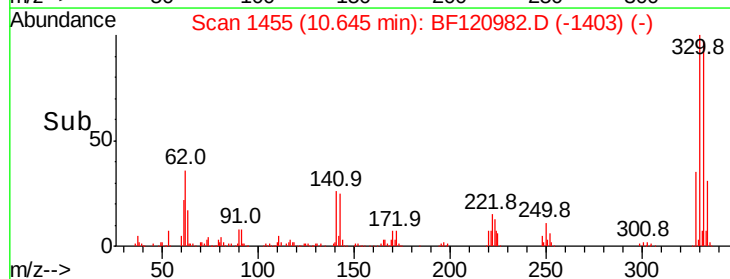
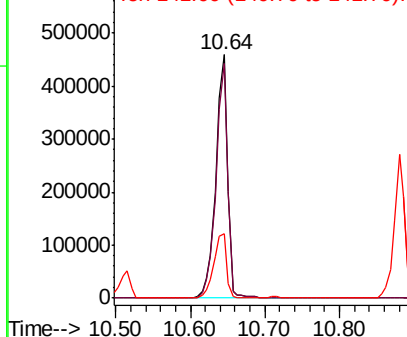
Lab File: BF120982.D

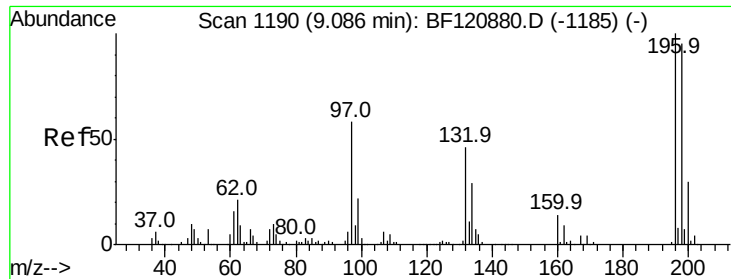
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	499355		
332	95.7	75.5	113.3	
141	29.2	25.7	38.5	



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





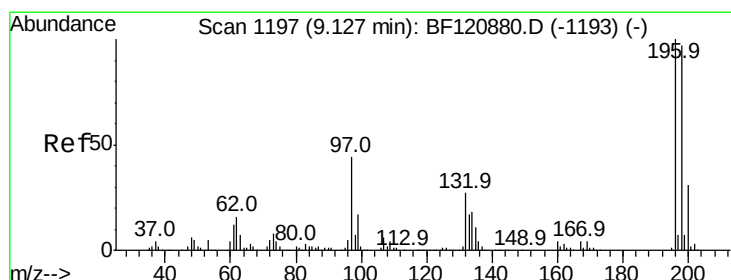
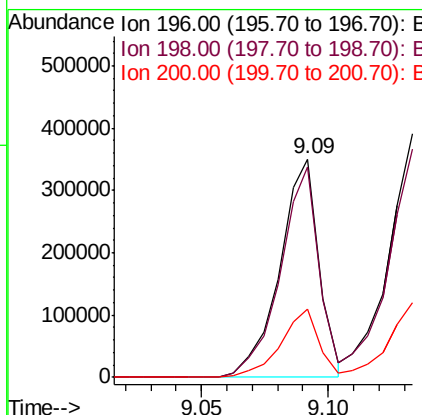
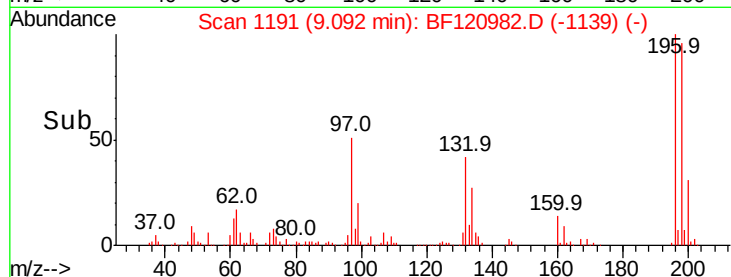
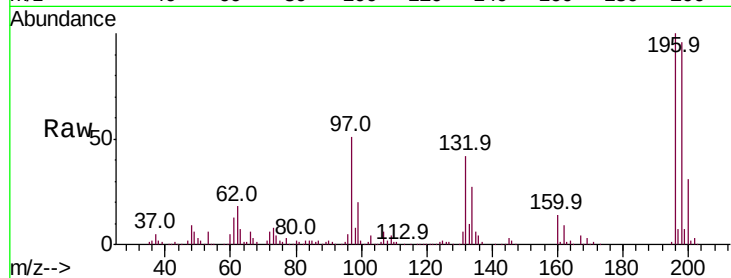
#43
 2,4,6-Trichlorophenol
 Concen: 41.261 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	380214		
198	96.2	75.7	113.5	
200	31.1	24.4	36.6	

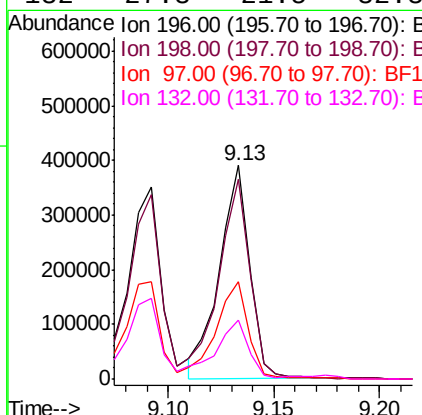
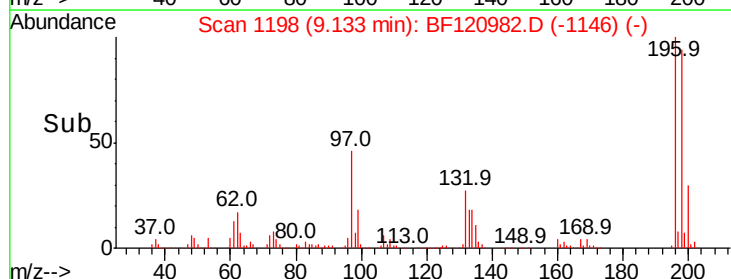
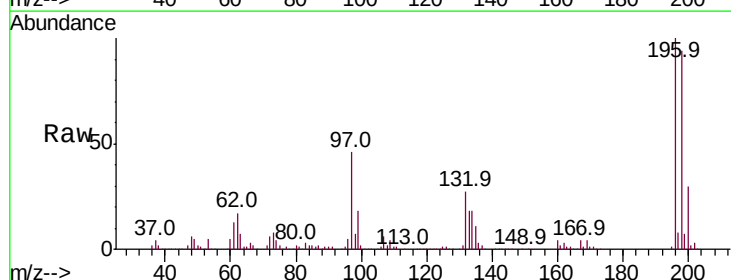
Manual Integrations
 APPROVED

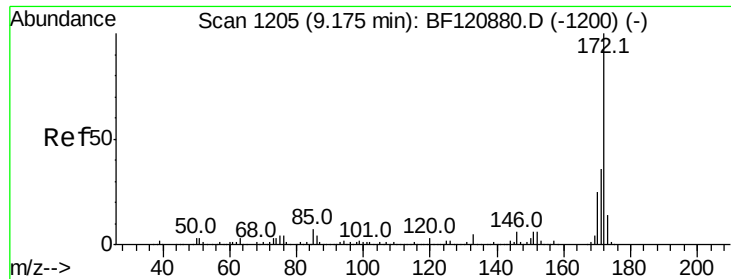
Sohil
 7/24/2020 12:12:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.063 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	387408		
198	93.8	77.6	116.4	
97	45.8	35.6	53.4	
132	27.3	21.5	32.3	





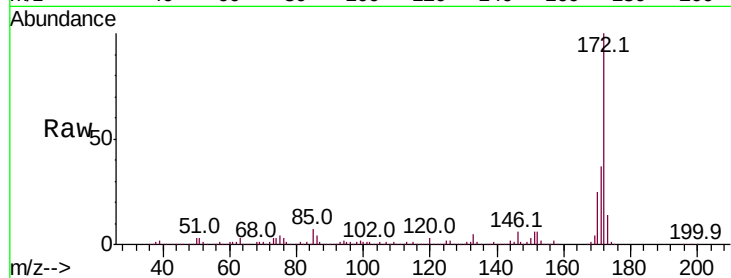
#45
2-Fluorobiphenyl
Concen: 64.762 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.6	19.6	29.4

Manual Integrations
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Sohil
7/24/2020 12:12:14 PM

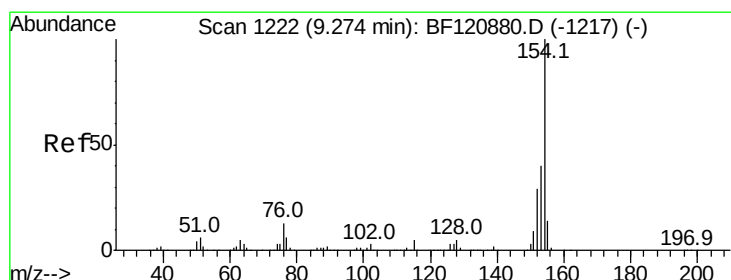
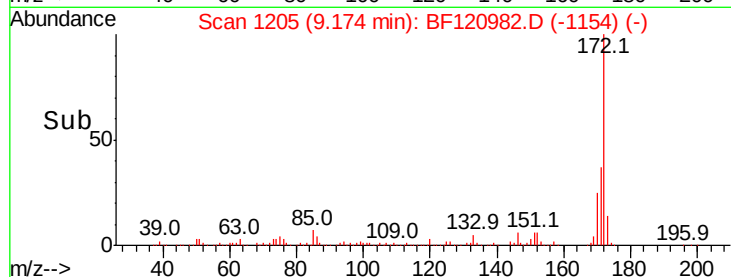
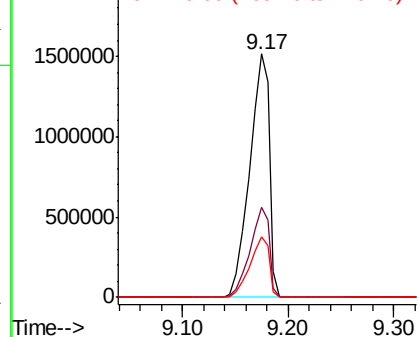


Abundance

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: 39.059 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

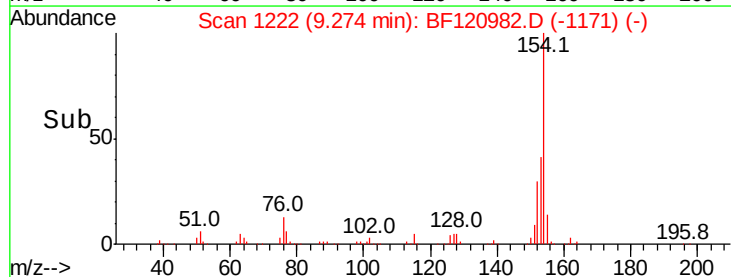
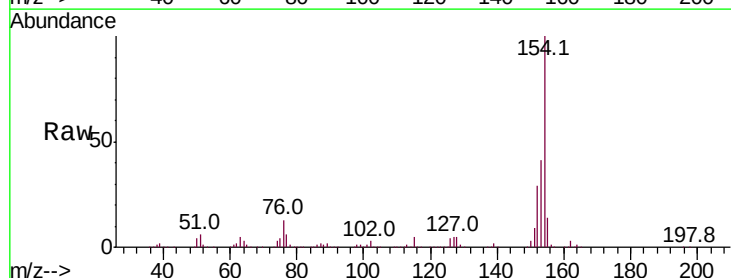
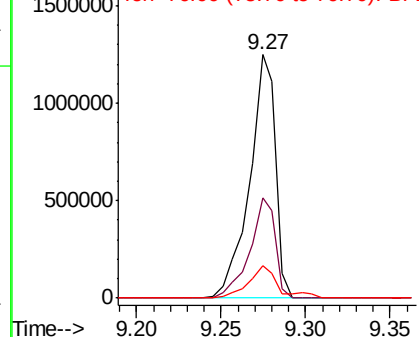
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	13.2	0.0	33.1

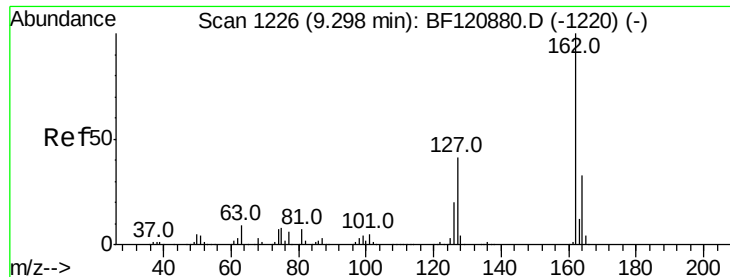
Abundance

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





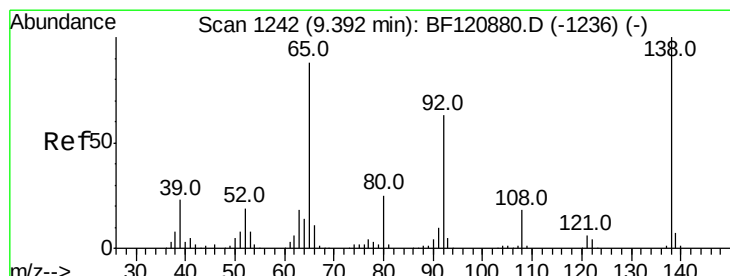
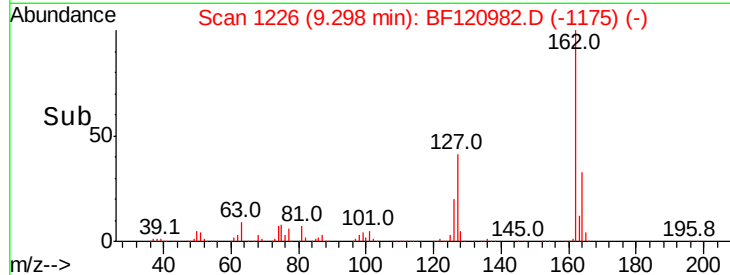
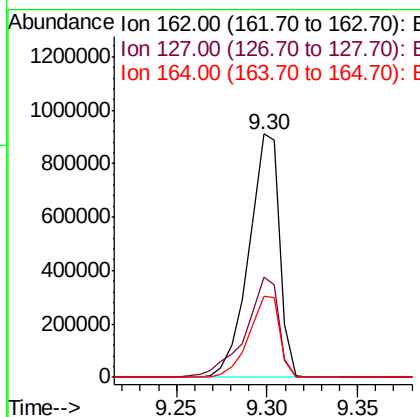
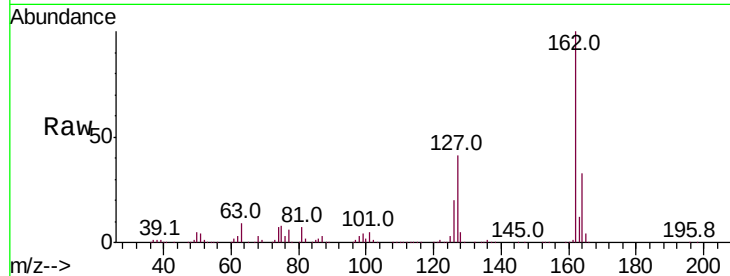
#47
 2-Chloronaphthalene
 Concen: 38.440 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.3	49.9
164	33.2	26.6	39.8

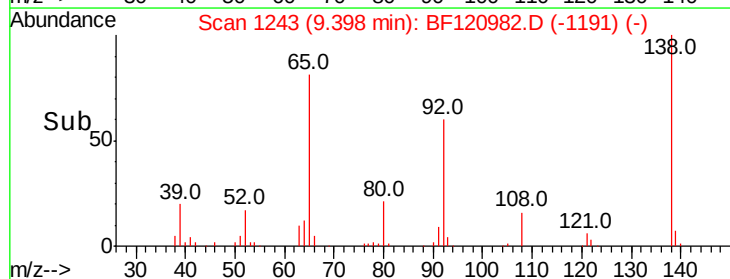
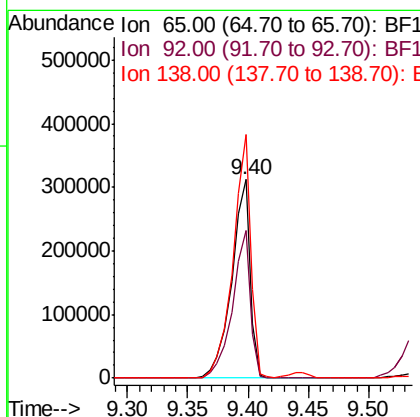
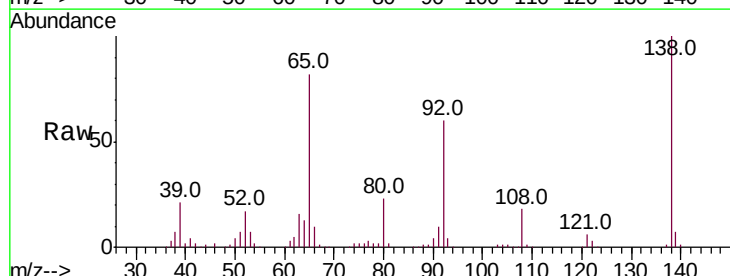
Manual Integrations
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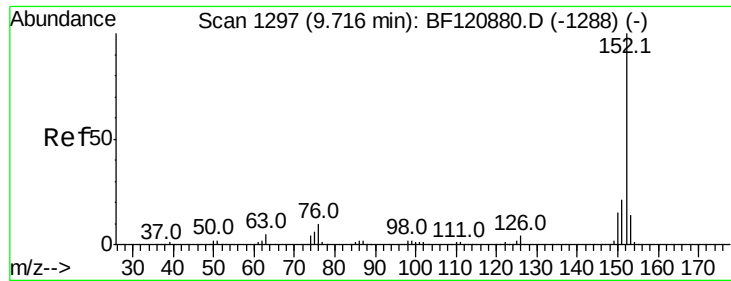
Sohil
 7/24/2020 12:12:14 PM



#48
 2-Nitroaniline
 Concen: 39.360 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.0	85.4
138	122.5	90.4	135.6





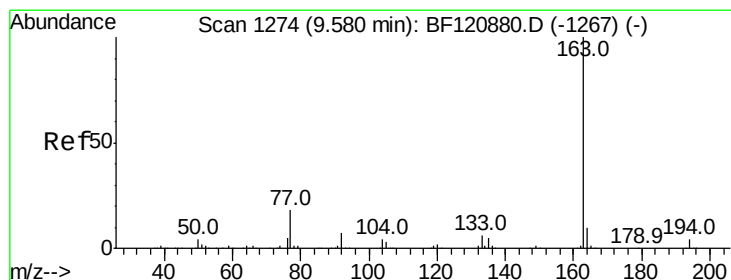
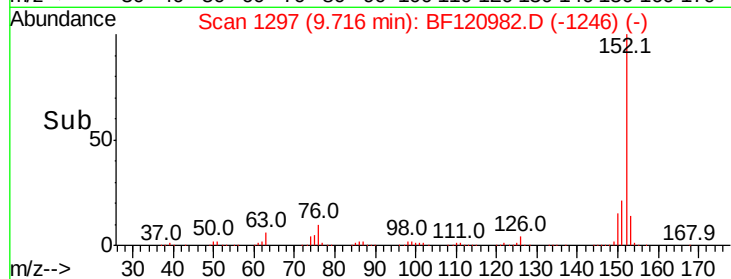
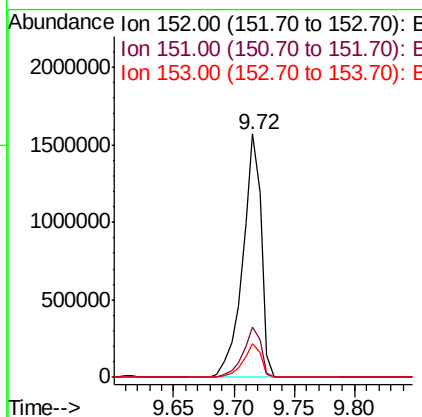
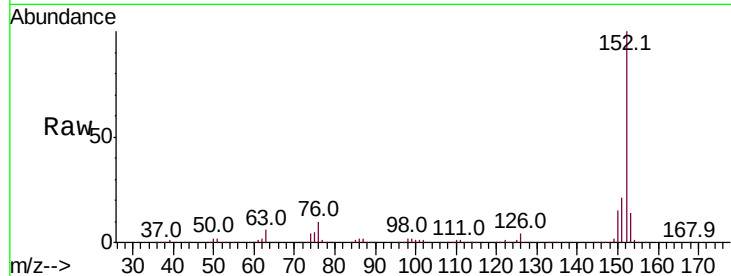
#49
Acenaphthylene
Concen: 38.339 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.8	10.9	16.3

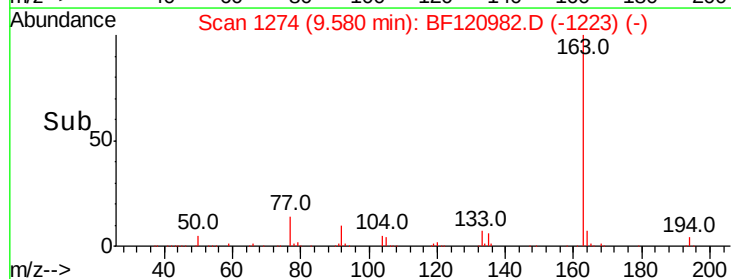
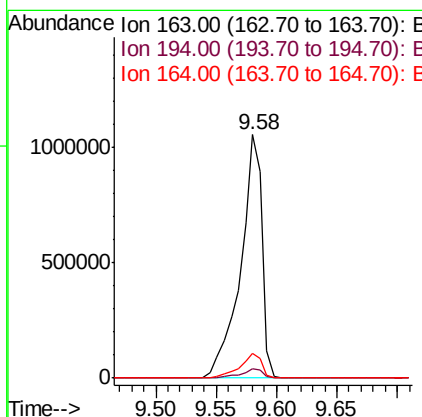
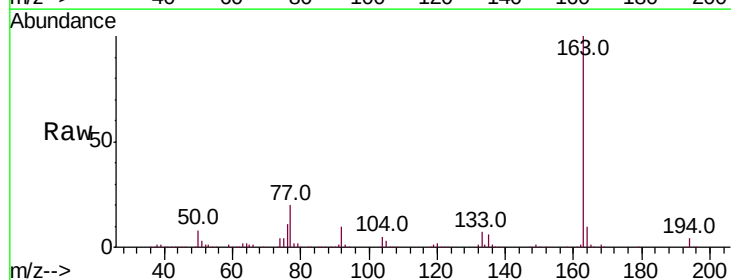
Manual Integrations
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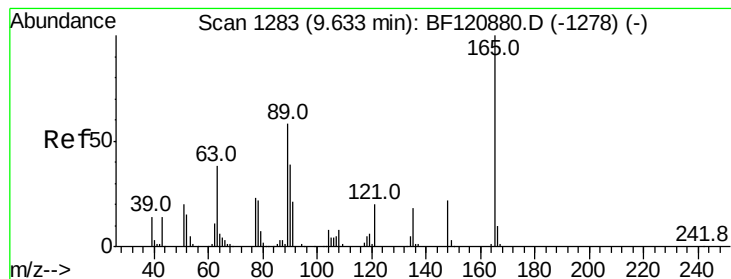
Sohil
7/24/2020 12:12:14 PM



#50
Dimethylphthalate
Concen: 40.087 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.4	7.9	11.9





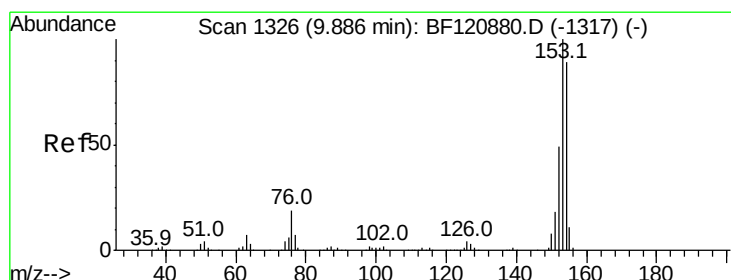
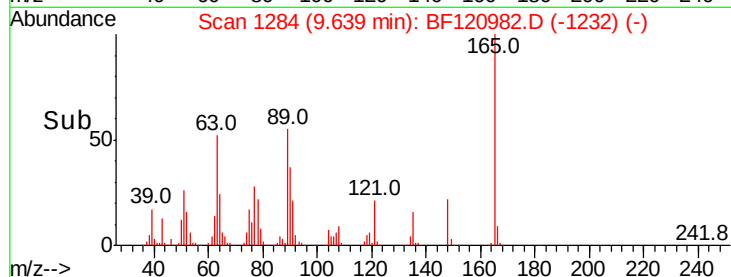
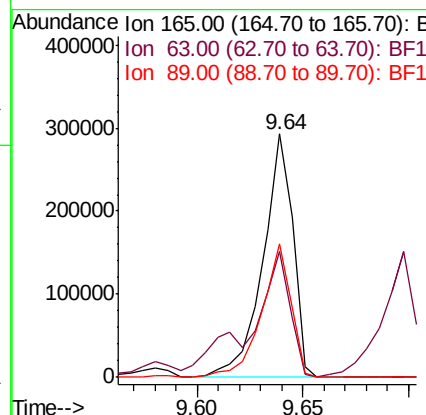
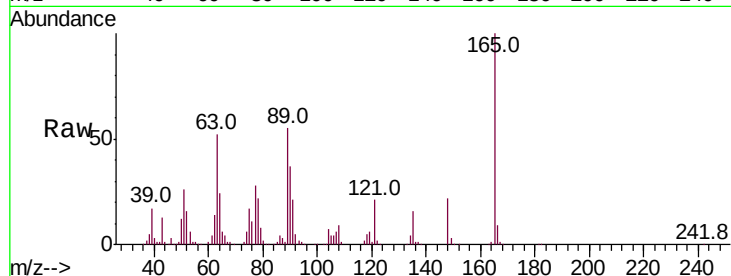
#51
2,6-Dinitrotoluene
Concen: 41.535 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	289181		
63	51.6	45.4	68.2	
89	55.0	47.0	70.4	

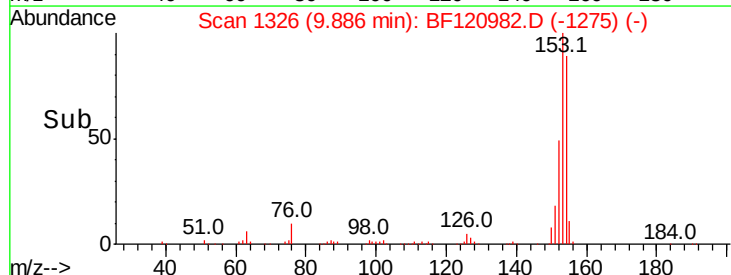
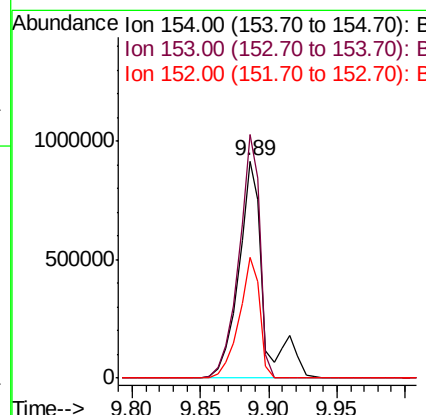
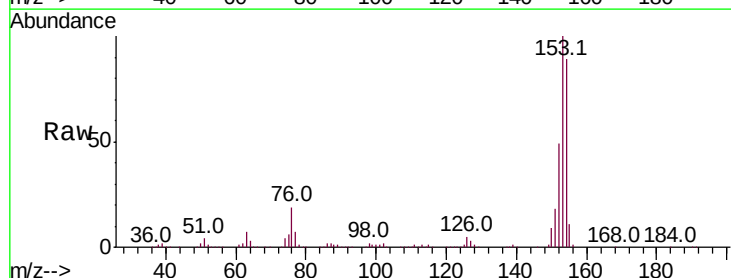
Manual Integrations
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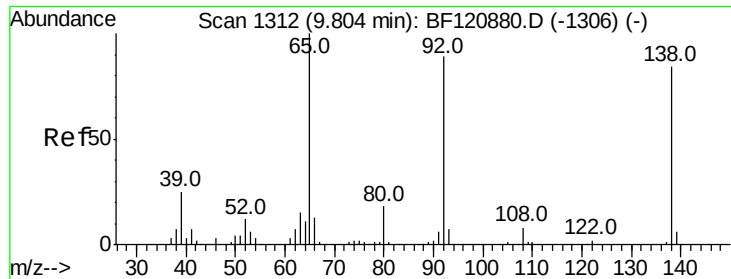
Sohil
7/24/2020 12:12:14 PM



#52
Acenaphthene
Concen: 42.288 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1166827		
153	112.3	89.5	134.3	
152	55.5	44.2	66.2	





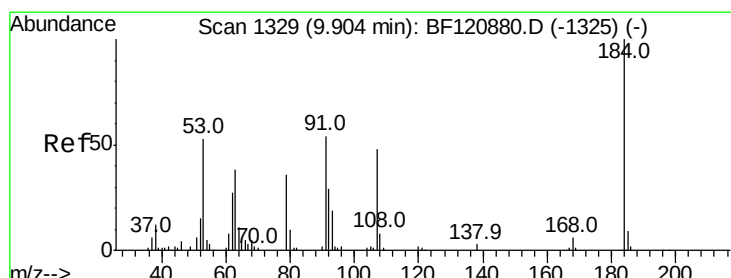
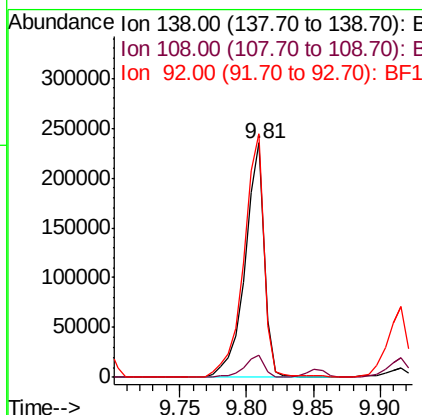
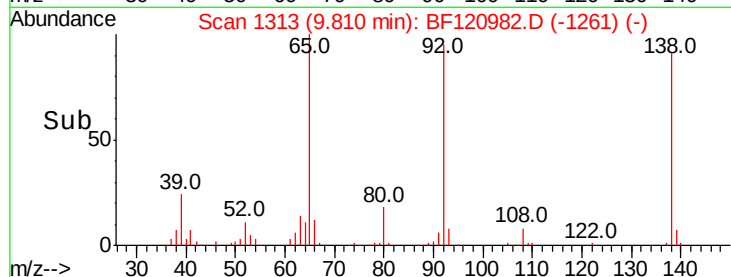
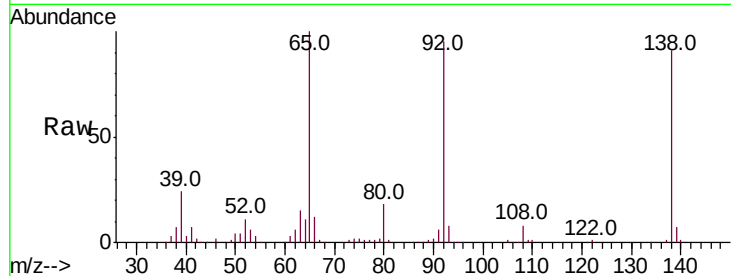
#53
3-Nitroaniline
Concen: 26.707 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	104.0	85.3	127.9

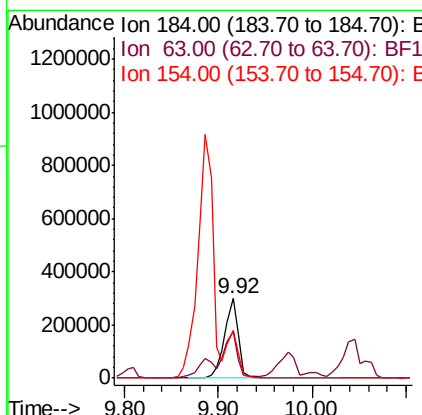
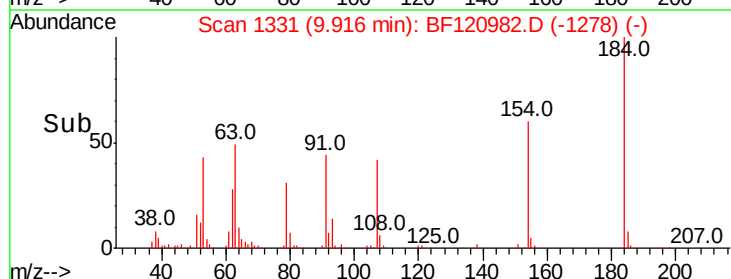
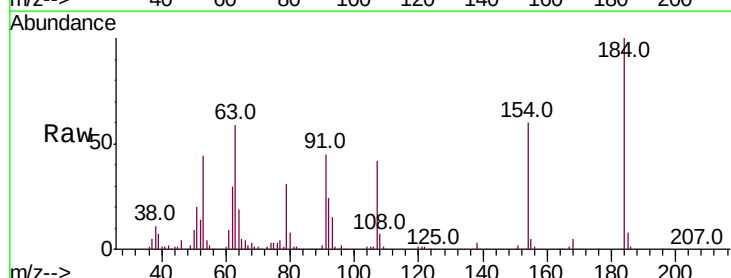
Manual Integrations
APPROVED

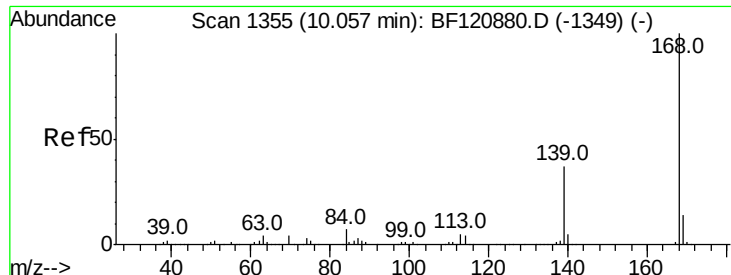
Sohil
7/24/2020 12:12:14 PM



#54
2,4-Dinitrophenol
Concen: 77.856 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.7	57.9	86.9
154	60.4	52.6	78.8





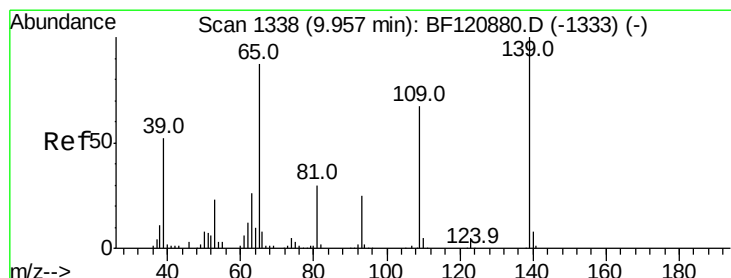
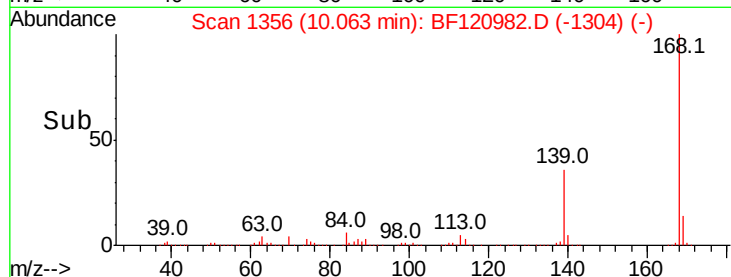
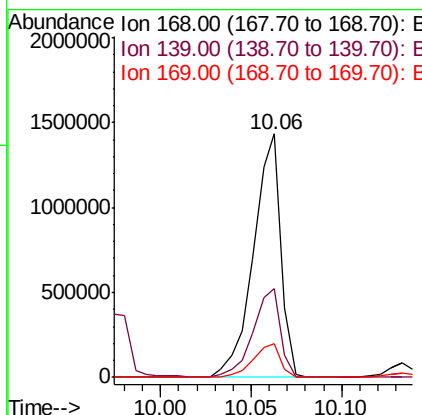
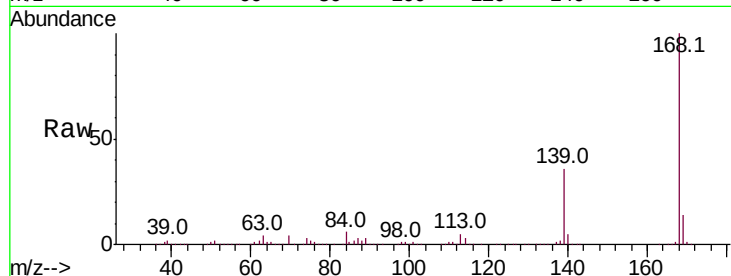
#55
Dibenzofuran
Concen: 37.525 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.7	44.5
169	13.8	11.1	16.7

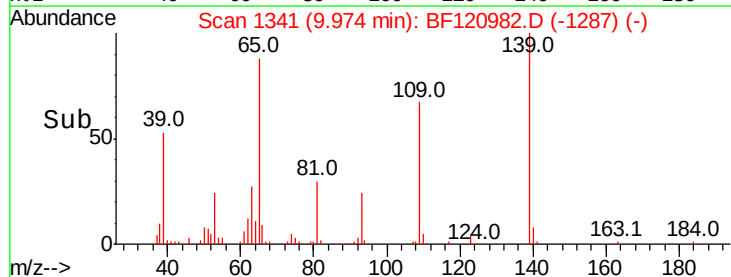
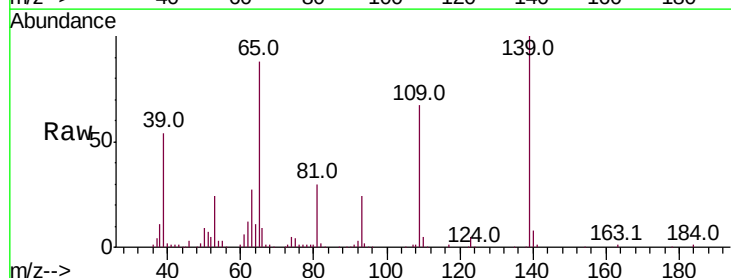
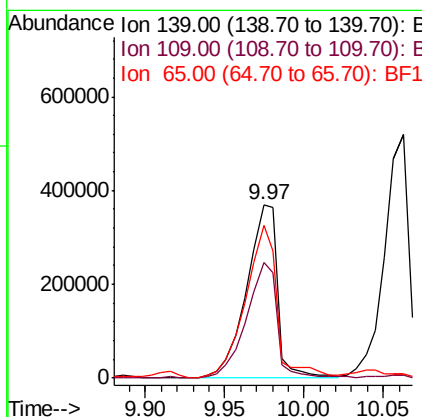
Manual Integrations
APPROVED

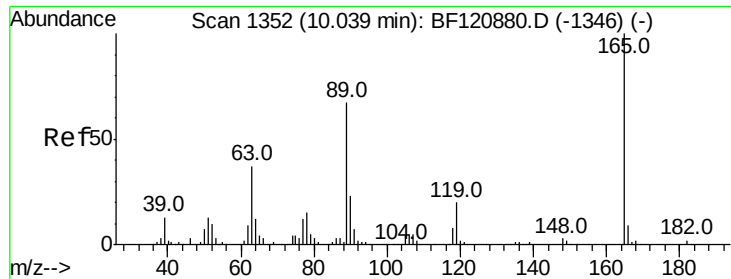
Sohil
7/24/2020 12:12:14 PM



#56
4-Nitrophenol
Concen: 76.015 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	47.3	87.3
65	88.1	67.2	107.2





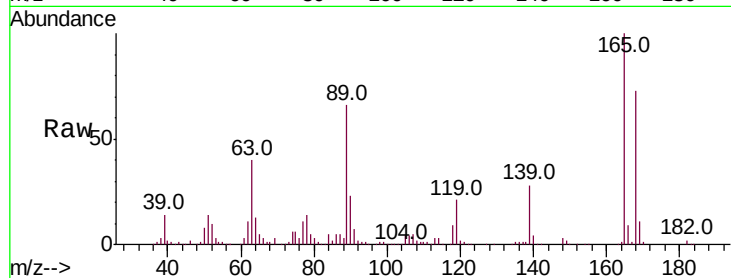
#57
2,4-Dinitrotoluene
Concen: 41.696 ng
RT: 10.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampled :
PB130408BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.8	29.4	44.2	
89	66.4	53.4	80.0	
182	2.5	1.8	2.6	

Manual Integrations
APPROVED

Sohil
7/24/2020 12:12:14 PM



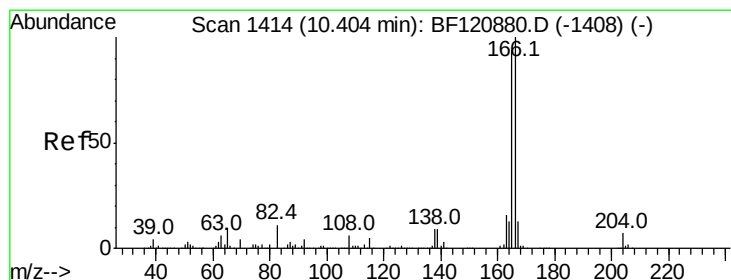
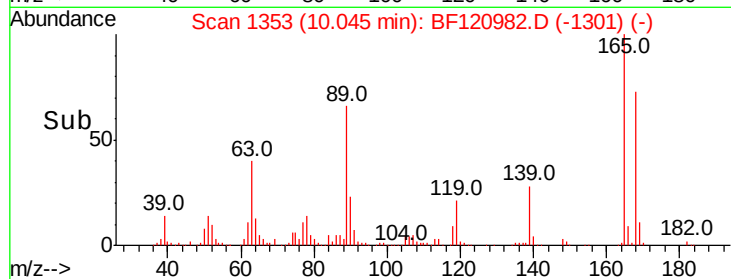
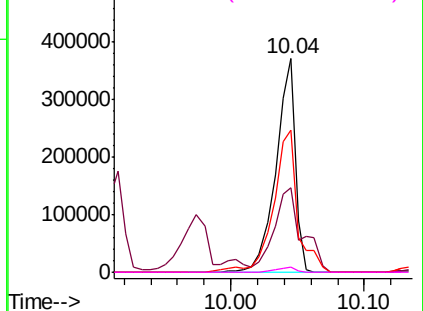
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

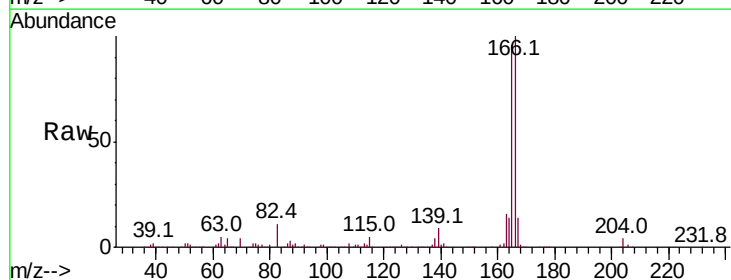
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.068 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.7	75.4	113.0	
167	13.7	10.6	15.8	

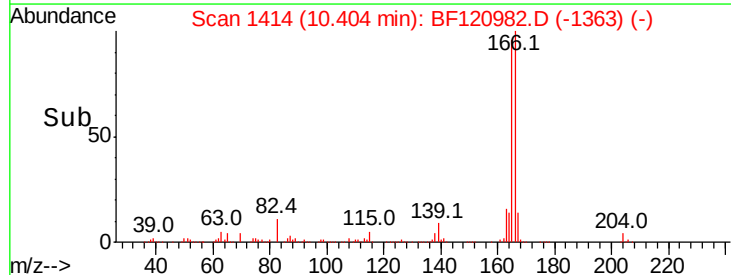
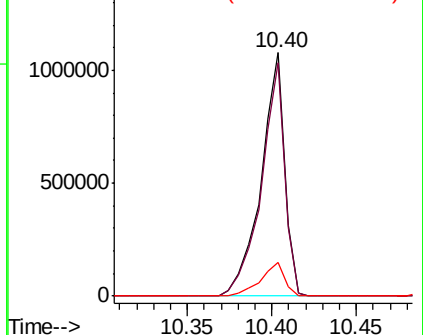


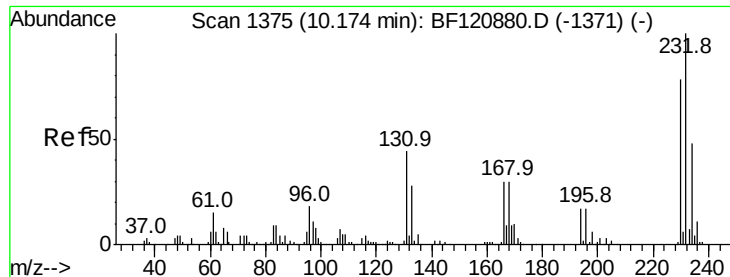
Abundance

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





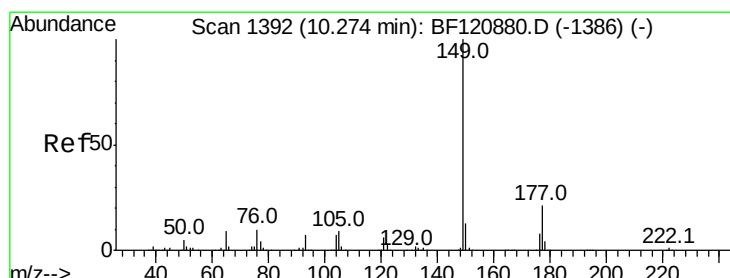
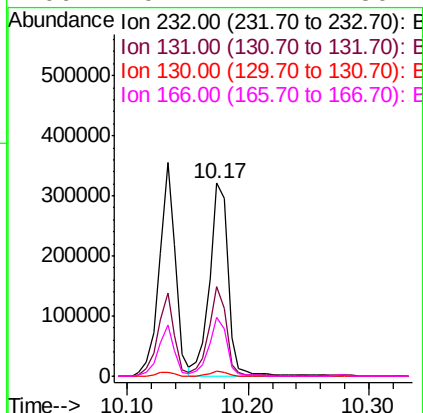
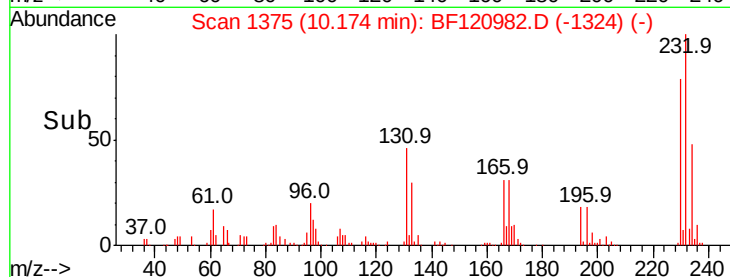
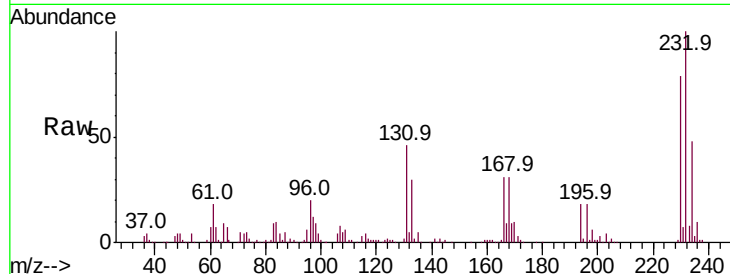
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.543 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampled :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.1	55.7
130	2.2	1.7	2.5
166	29.1	24.2	36.4

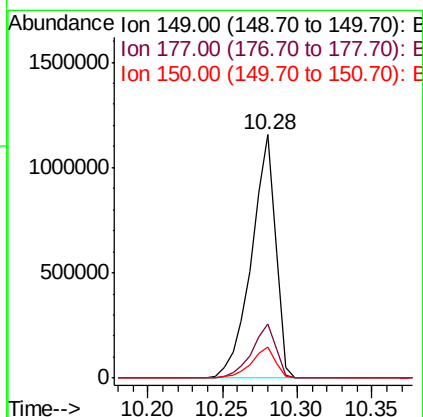
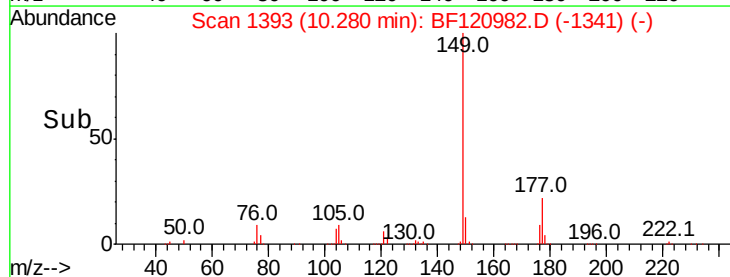
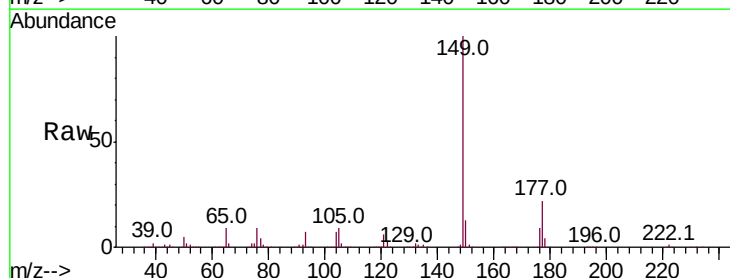
Manual Integrations
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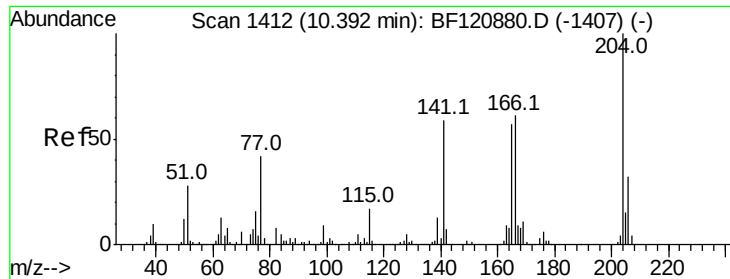
Sohil
 7/24/2020 12:12:14 PM



#60
 Diethylphthalate
 Concen: 39.219 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.1	25.7
150	12.7	10.3	15.5





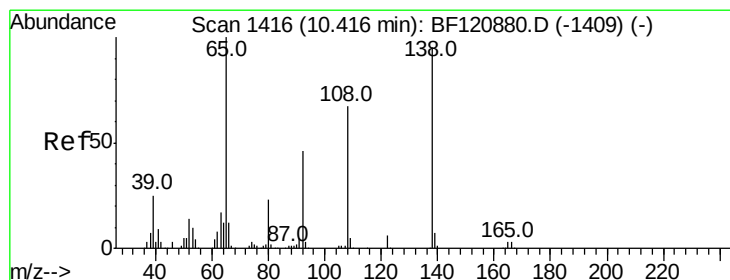
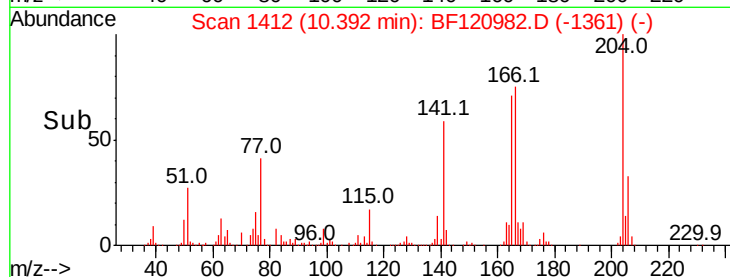
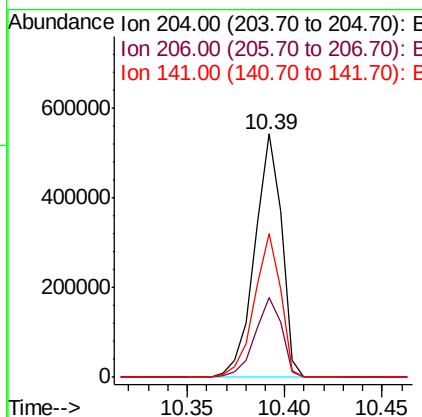
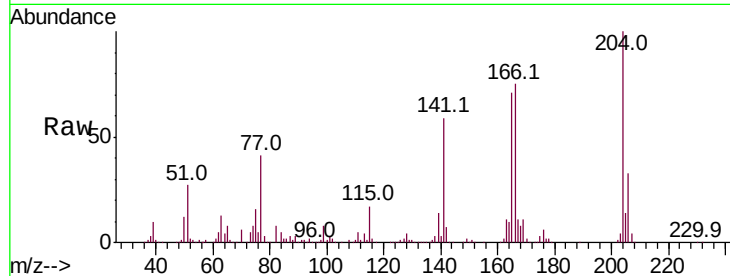
#61
4-Chlorophenyl-phenylether
Concen: 32.651 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.9	38.9
141	58.8	47.2	70.8

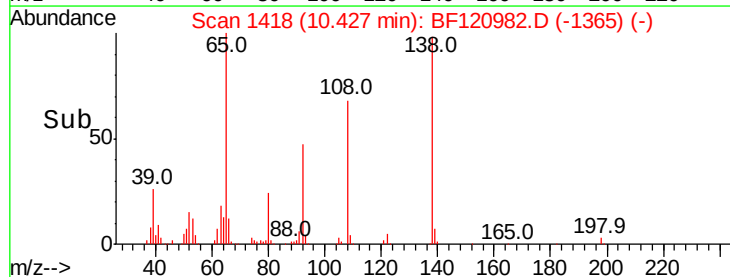
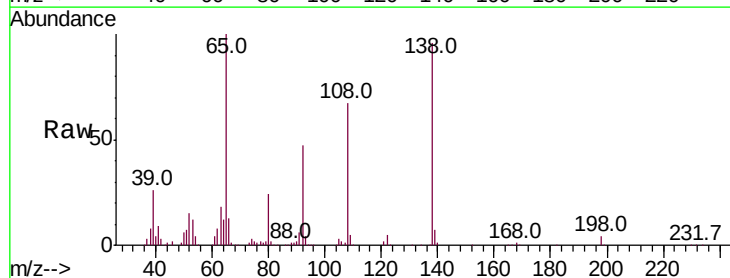
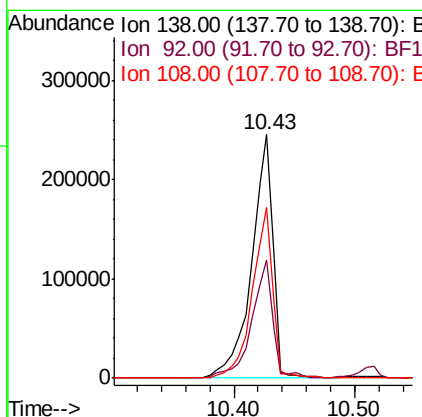
Manual Integrations
APPROVED

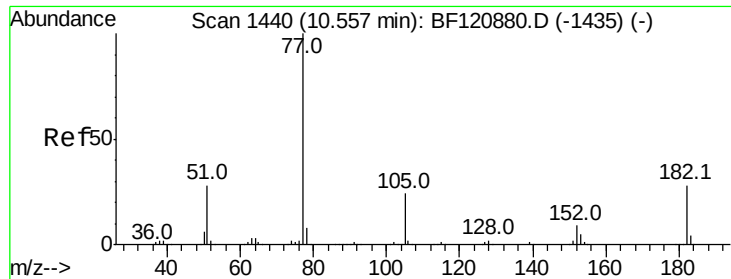
Sohil
7/24/2020 12:12:14 PM



#62
4-Nitroaniline
Concen: 35.724 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	28.6	68.6
108	69.9	51.1	91.1





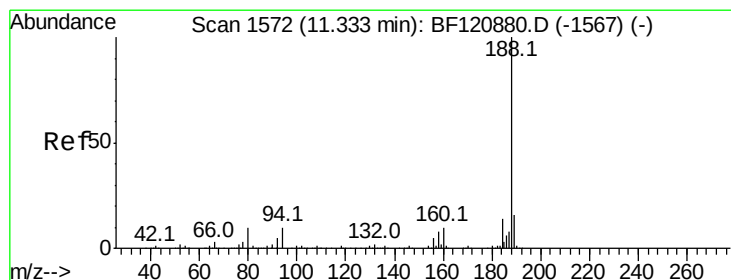
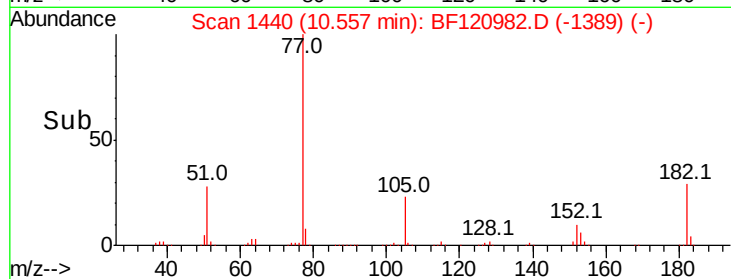
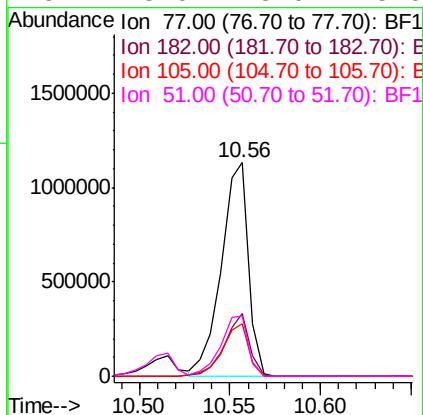
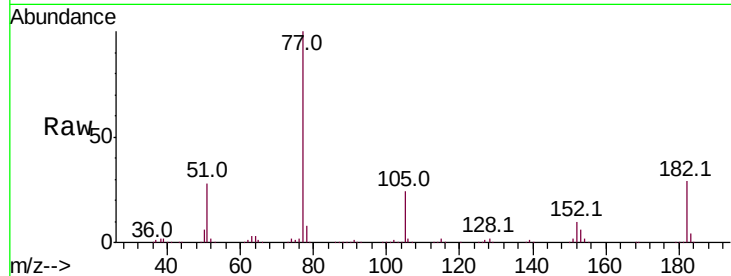
#63
Azobenzene
Concen: 37.649 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.1	7.8	47.8	
105	24.3	4.4	44.4	
51	28.0	8.0	48.0	

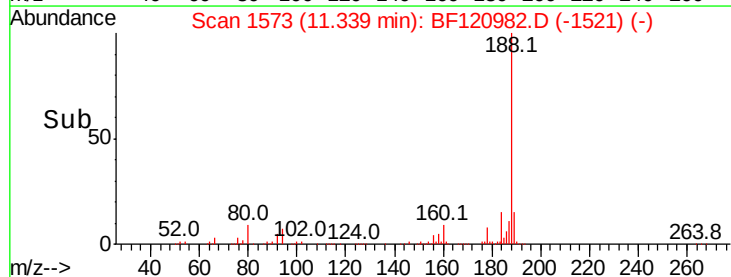
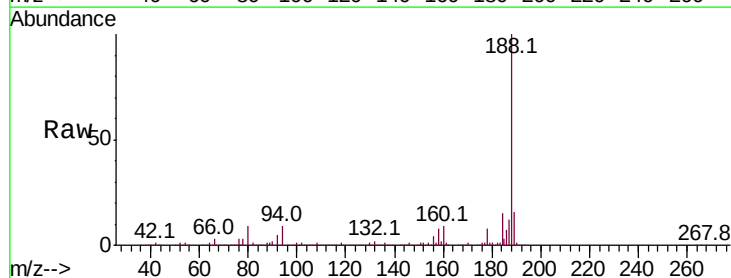
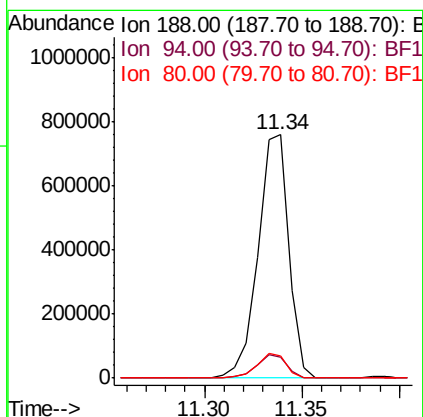
Manual Integrations
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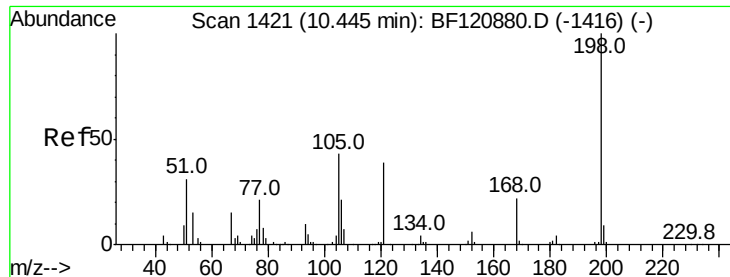
Sohil
7/24/2020 12:12:14 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	8.0	12.0	
80	9.2	8.3	12.5	





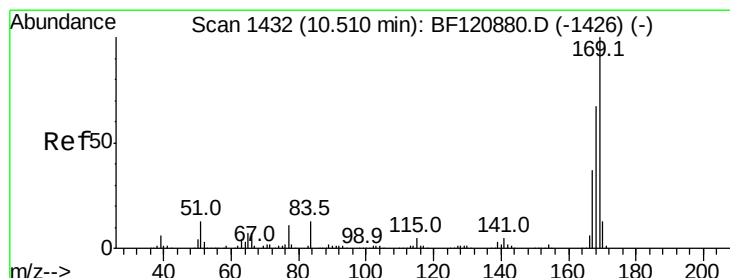
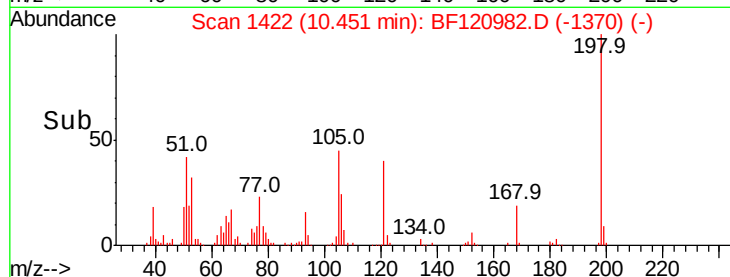
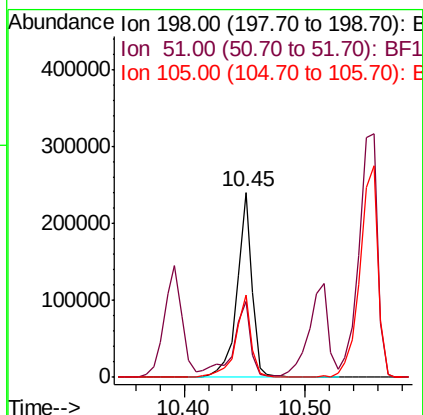
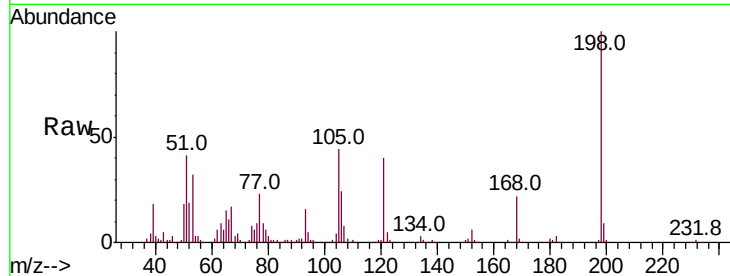
#65
4,6-Dinitro-2-methylphenol
Concen: 43.454 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	206950		
51	41.3	19.5	59.5	
105	44.2	24.4	64.4	

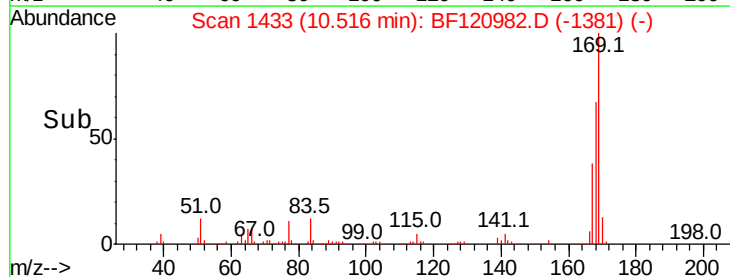
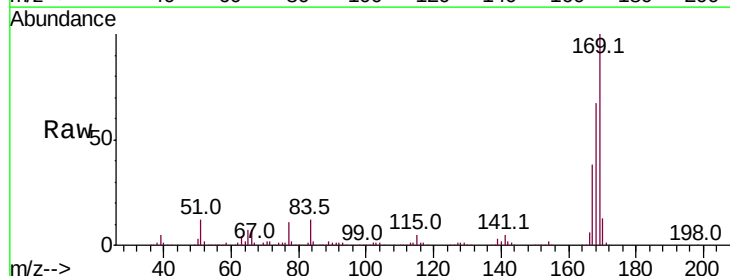
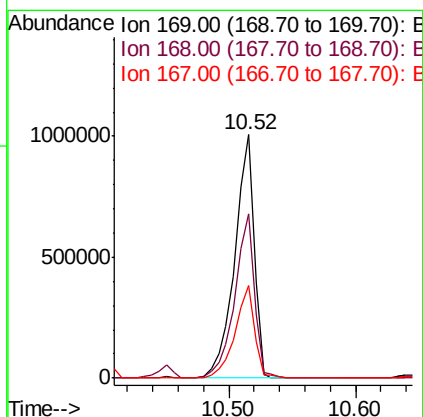
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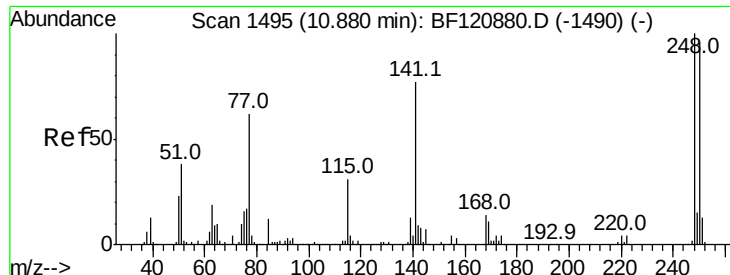
Sohil
7/24/2020 12:12:14 PM



#66
n-Nitrosodiphenylamine
Concen: 40.557 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1059519		
168	67.2	53.4	80.0	
167	37.9	29.4	44.0	





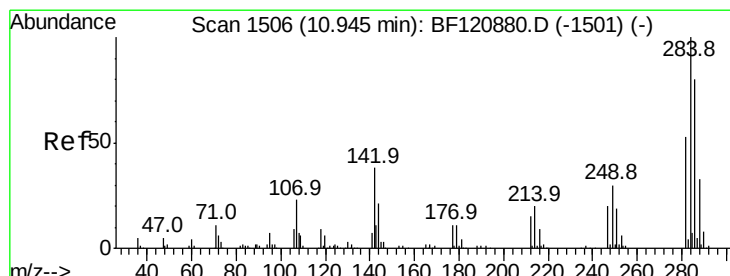
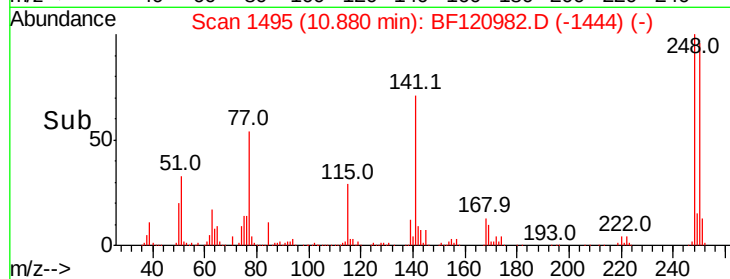
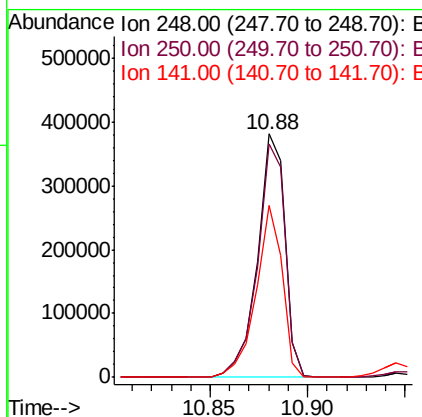
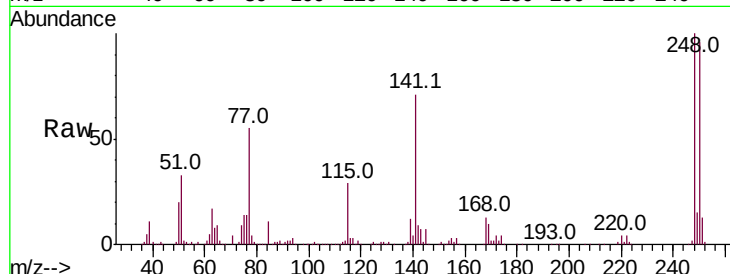
#67
 4-Bromophenyl-phenylether
 Concen: 40.157 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampled :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.1	115.7
141	70.9	61.2	91.8

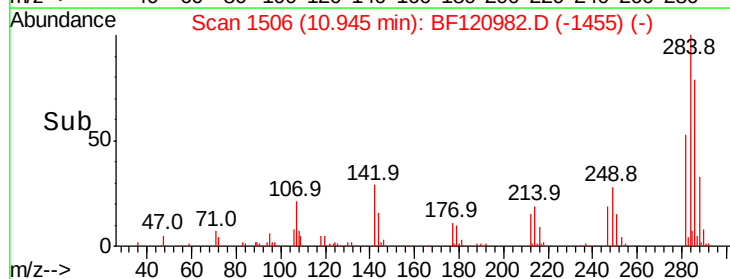
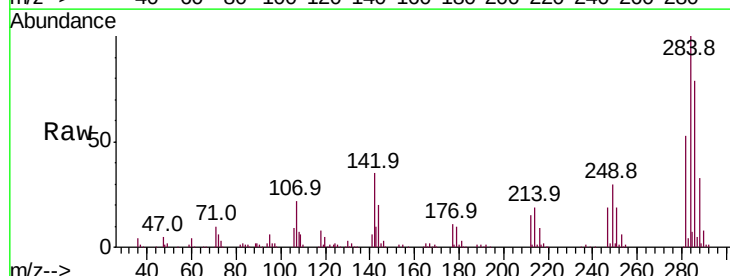
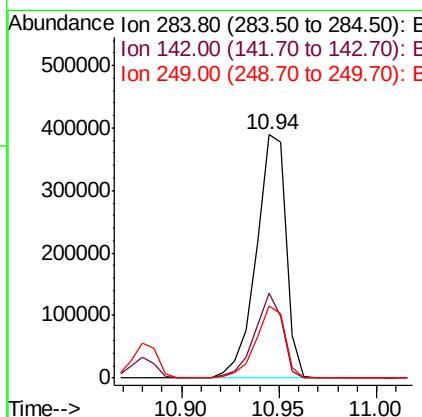
Manual Integrations
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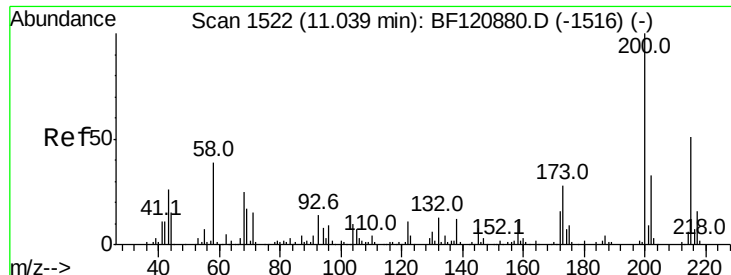
Sohil
 7/24/2020 12:12:14 PM



#68
 Hexachlorobenzene
 Concen: 41.146 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	30.2	45.2
249	29.8	24.2	36.2





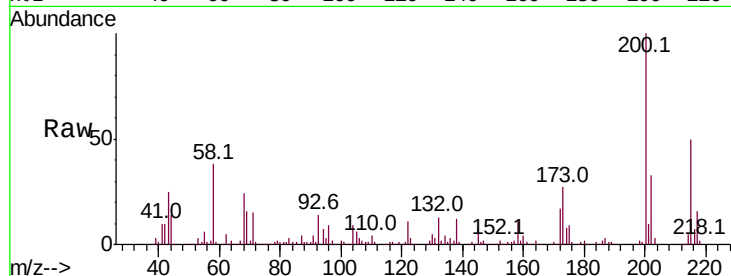
#69
Atrazine
Concen: 46.040 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.0	48.0
215	50.4	31.5	71.5

Manual Integrations
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Sohil
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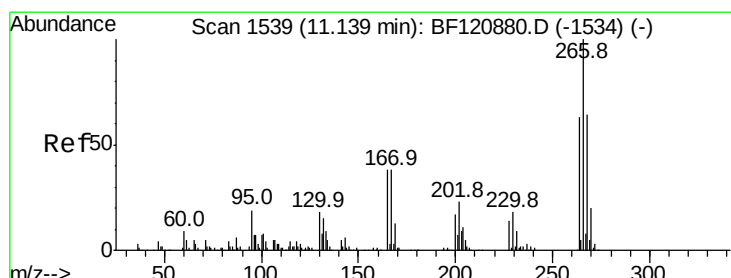
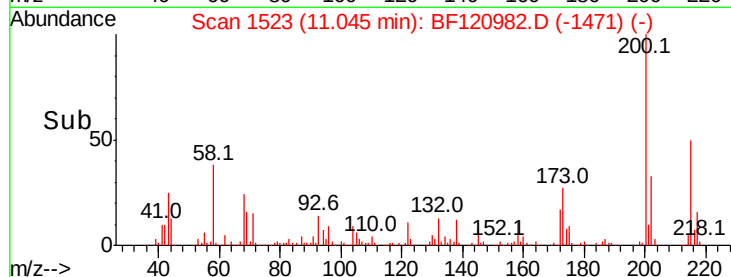
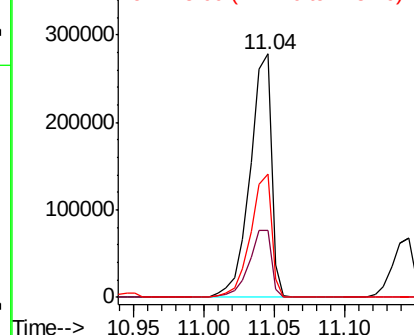


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.361 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

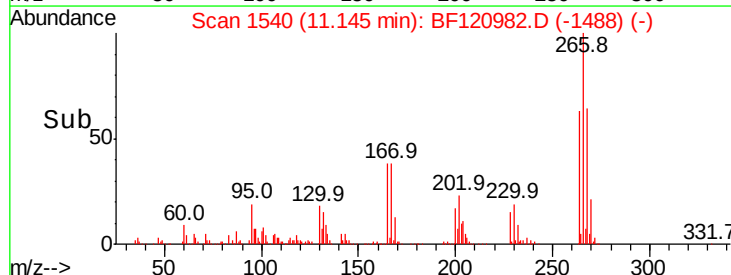
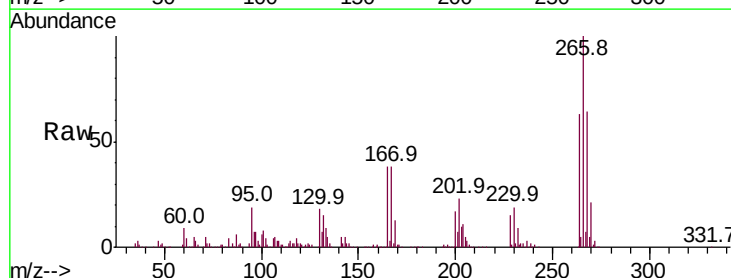
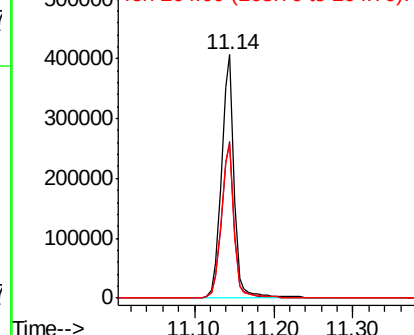
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	63.5	50.2	75.2

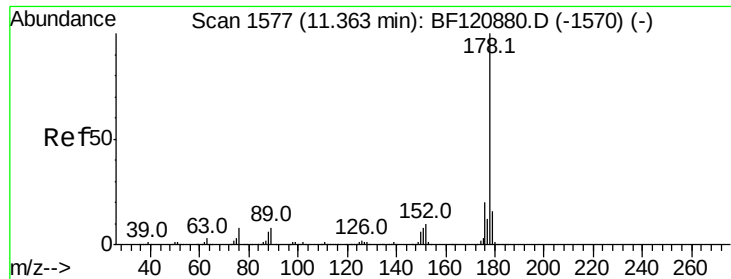
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.891 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

ClientSampleId :

PB130408BS

Tot Ion:178 Resp: 1618331

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

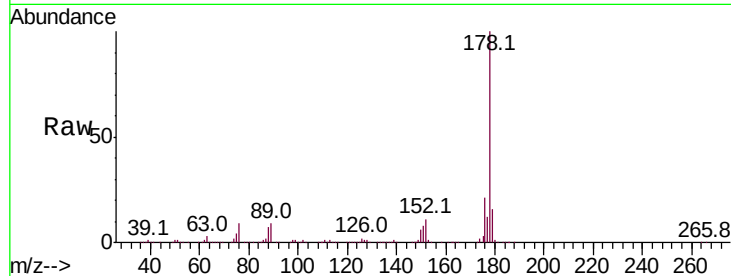
179 16.1 12.8 19.2

Manual Integrations

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Sohil

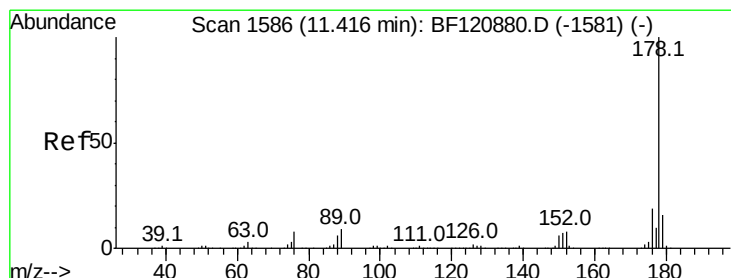
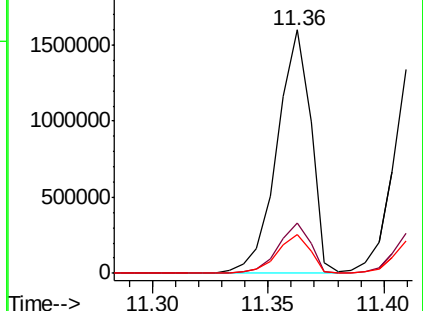
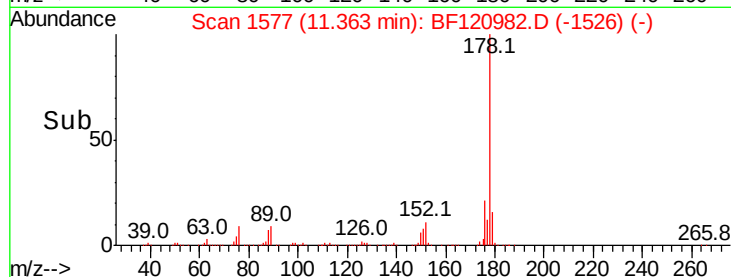
7/24/2020 12:12:14 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.698 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

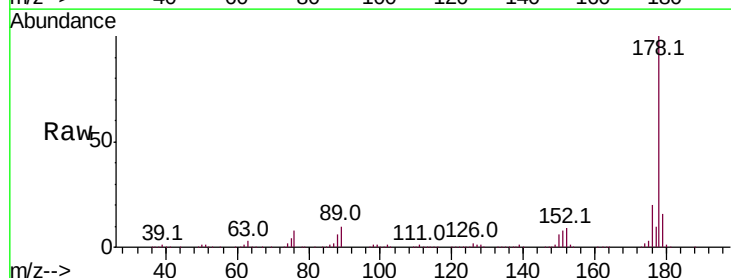
Tgt Ion:178 Resp: 1659636

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

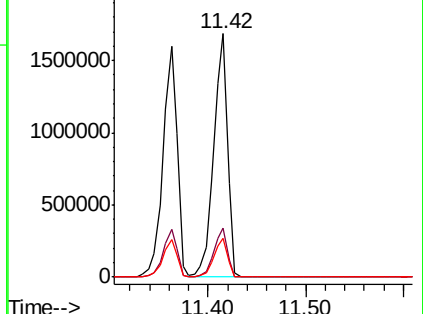
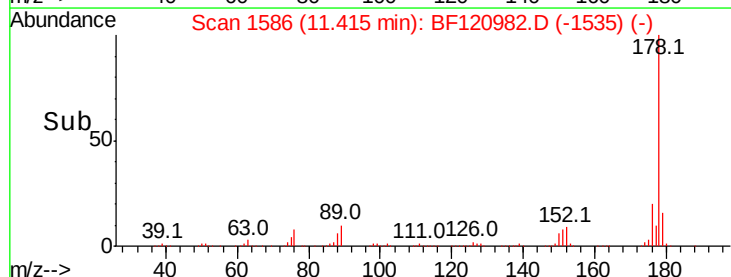
179 16.0 12.8 19.2

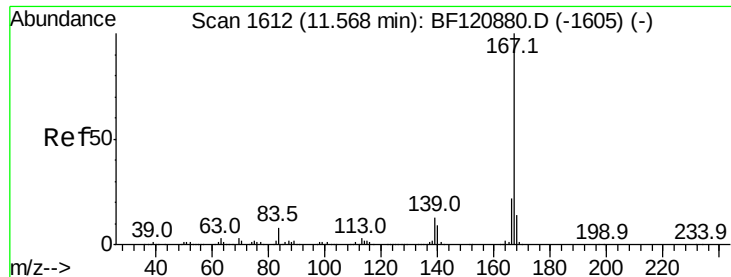


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 36.647 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

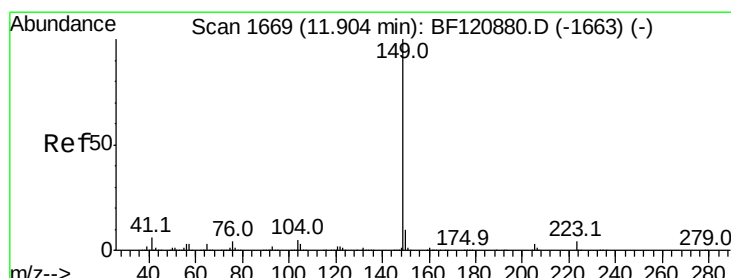
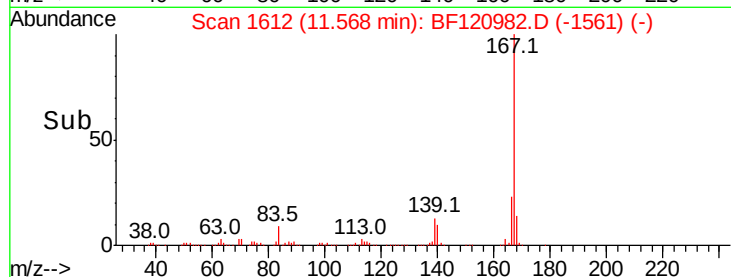
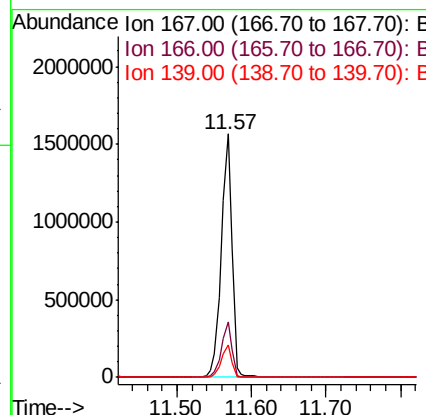
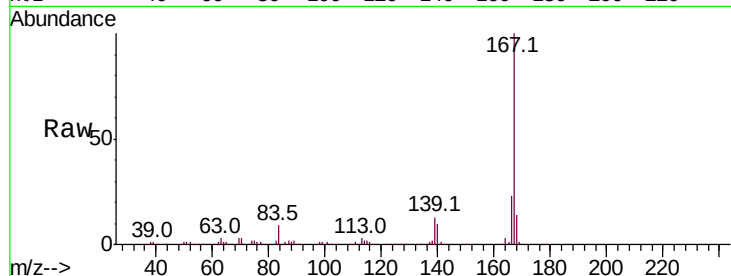
Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Tot Ion:167 Resp: 1559746

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	13.1	10.1	15.1

Manual Integrations
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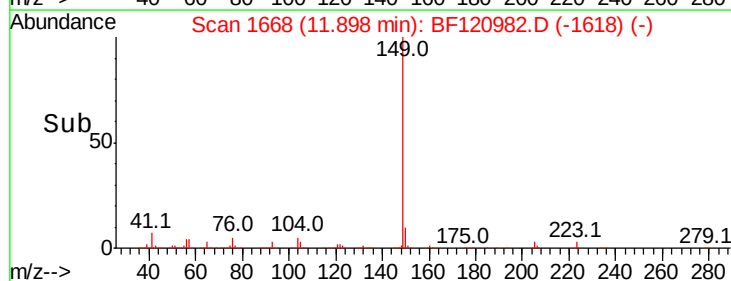
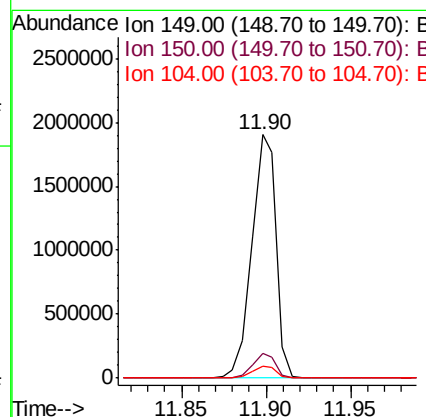
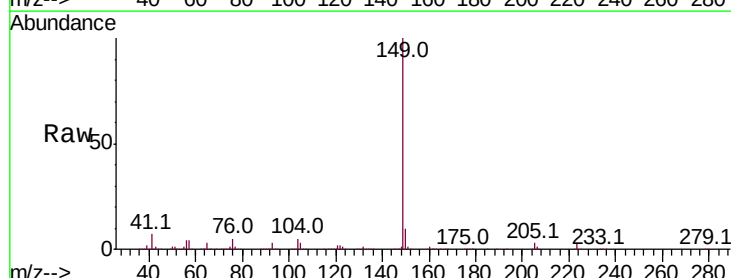
Sohil
 7/24/2020 12:12:14 PM

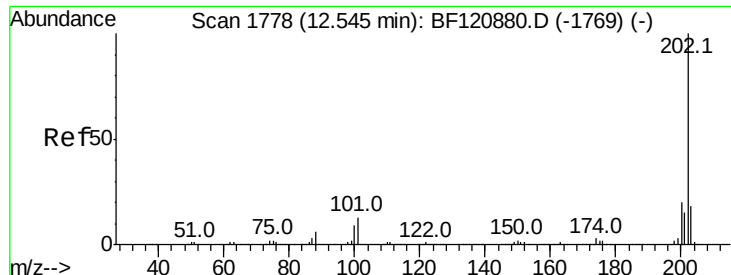


#74
 Di-n-butylphthalate
 Concen: 38.784 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion:149 Resp: 1904925

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.0	3.8	5.6





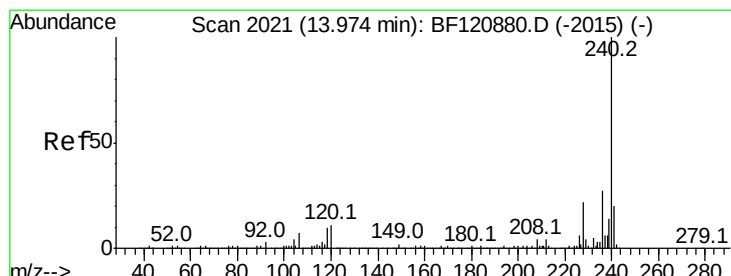
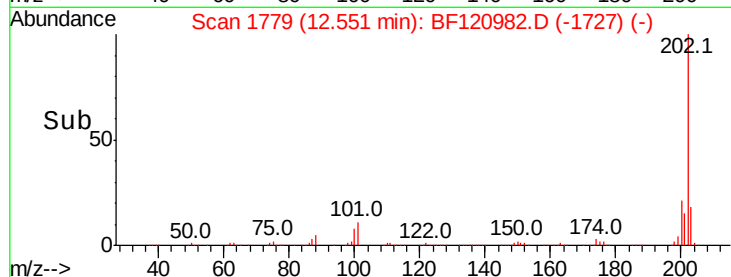
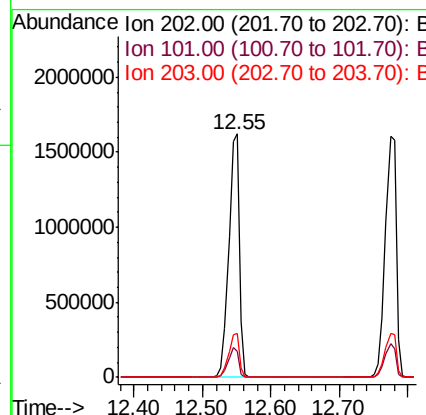
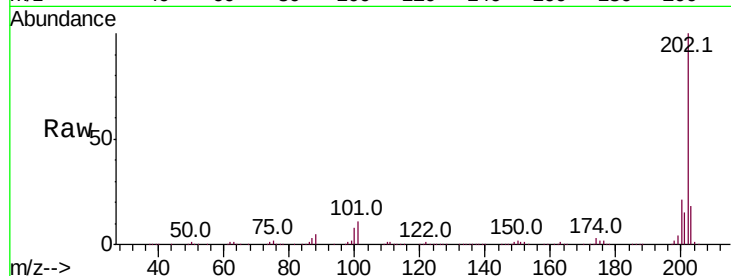
#75
 Fluoranthene
 Concen: 37.057 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.7
203	18.2	0.0	38.0

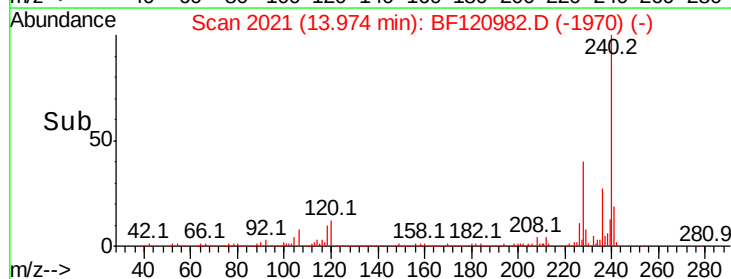
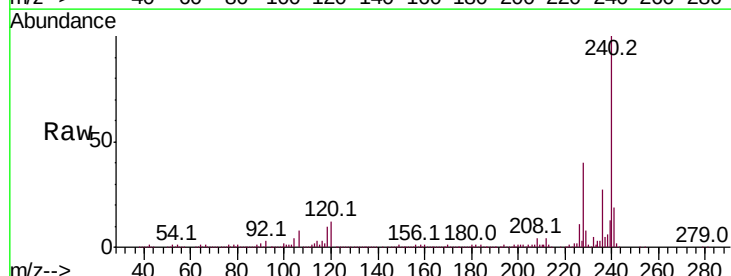
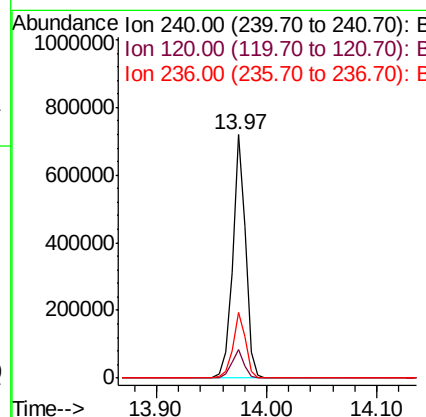
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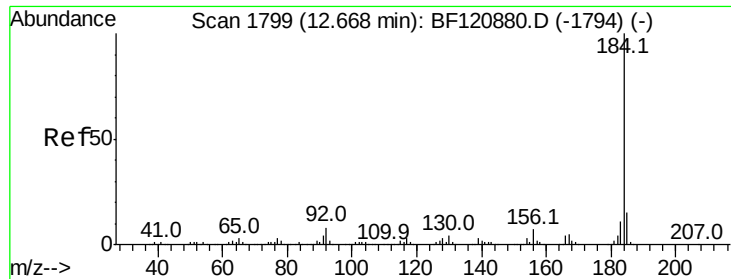
Sohil
 7/24/2020 12:12:14 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	26.8	21.7	32.5





#77

Benzidine

Concen: 31.454 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF120982.D

Acq: 23 Jul 2020 15:10

Instrument :

BNA_F

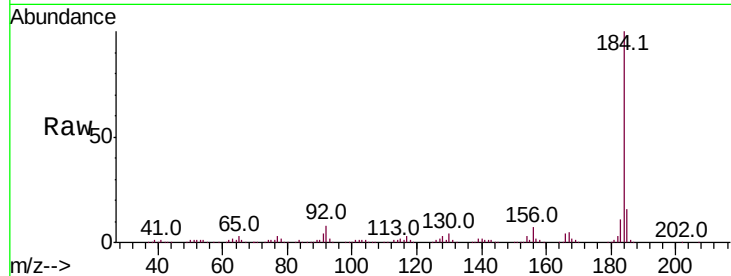
ClientSampleId :

PB130408BS

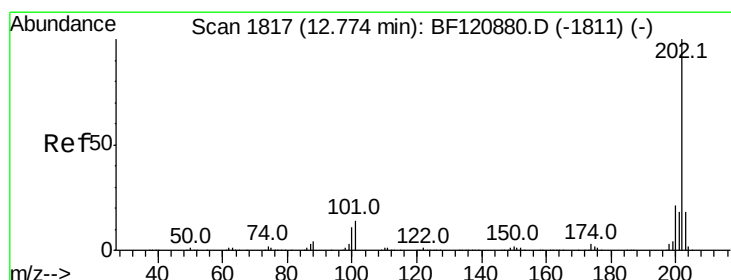
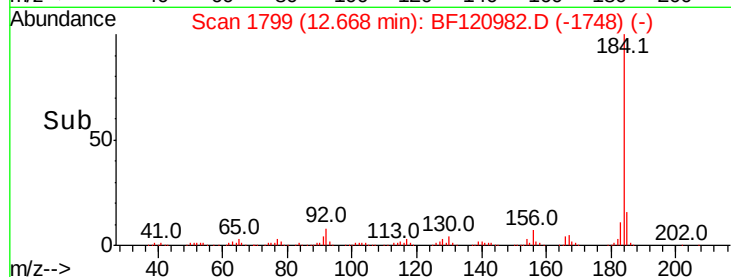
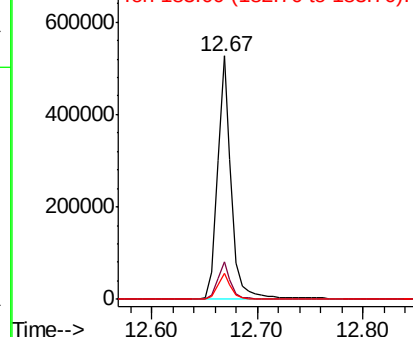
Tot Ion:	184	Resp:	487668
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	10.9	8.5	12.7

Manual Integrations
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7/24/2020 12:12:14 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: 42.458 ng

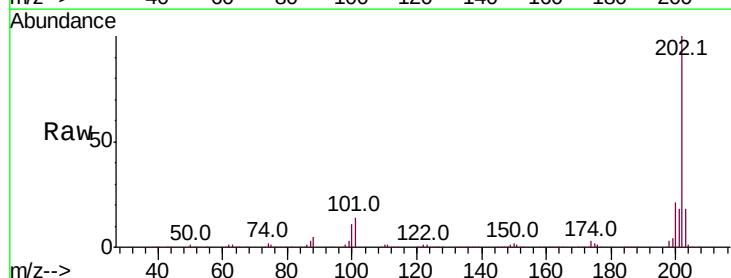
RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

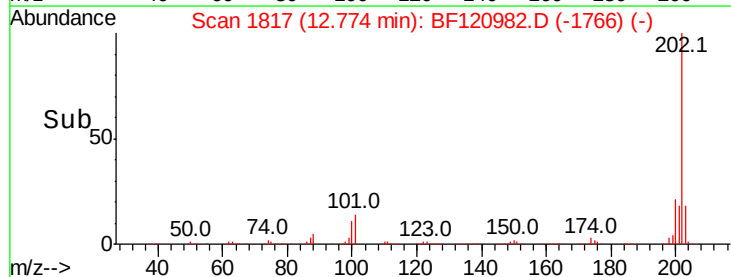
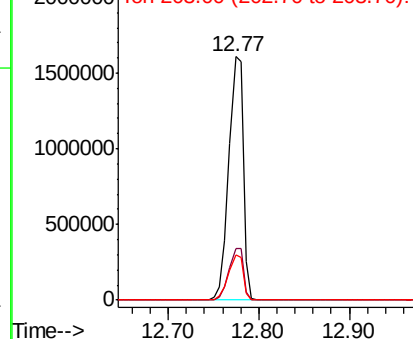
Lab File: BF120982.D

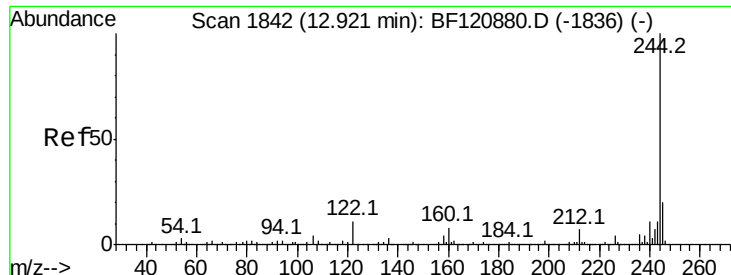
Acq: 23 Jul 2020 15:10

Tgt Ion:	202	Resp:	1770118
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	18.5	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





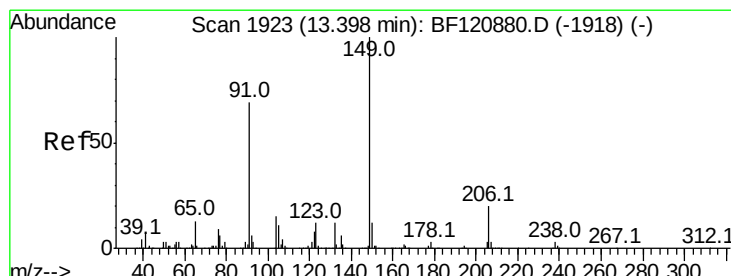
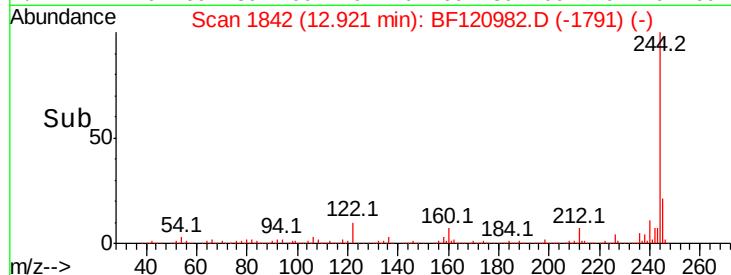
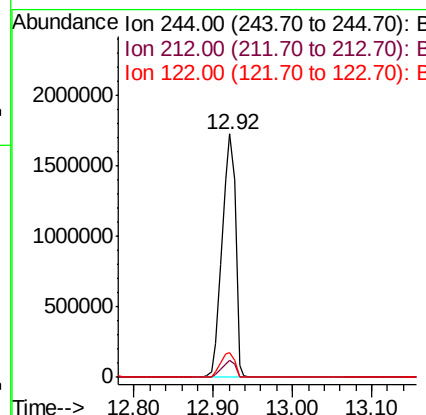
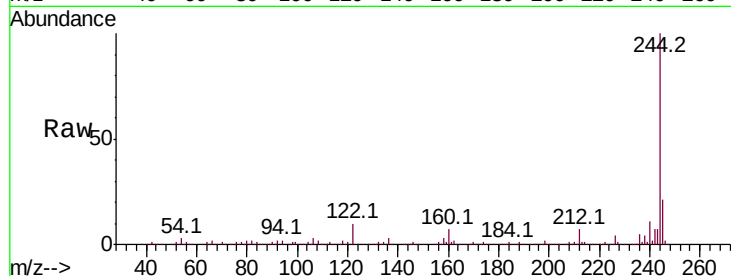
#79
 Terphenyl-d14
 Concen: 74.814 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.0	8.9	13.3

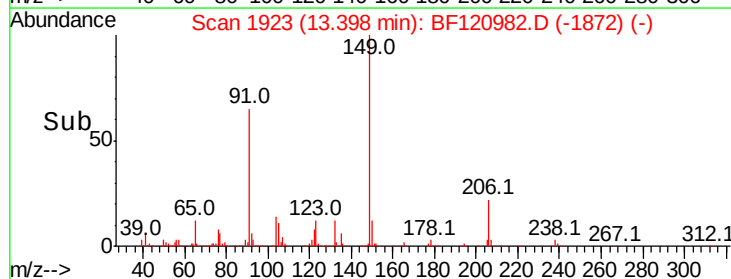
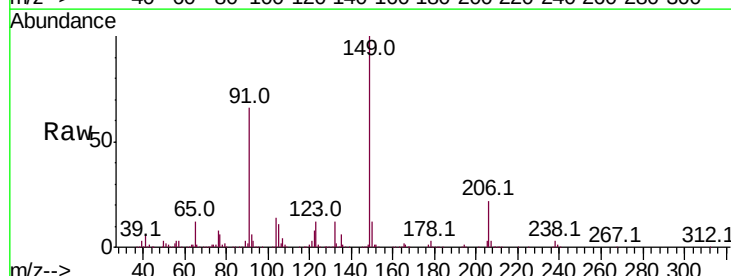
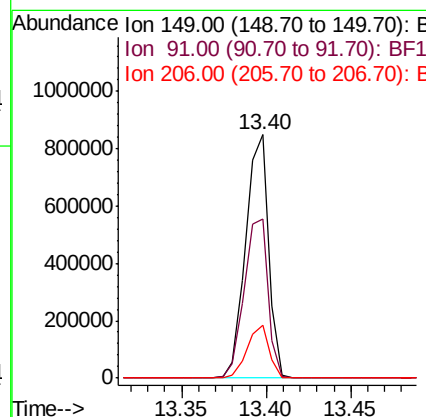
Manual Integrations
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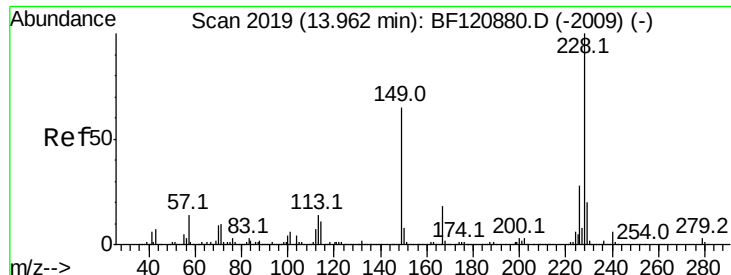
Sohil
 7/24/2020 12:12:14 PM



#80
 Butylbenzylphthalate
 Concen: 43.285 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.5	55.1	82.7
206	22.0	16.1	24.1





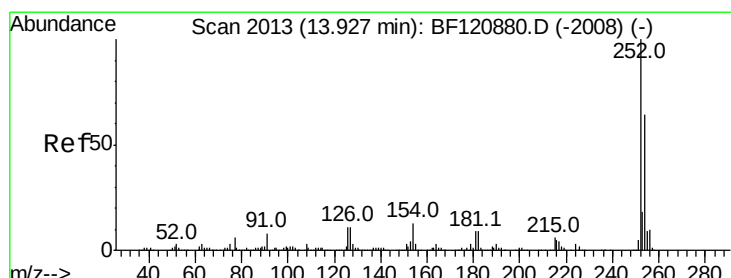
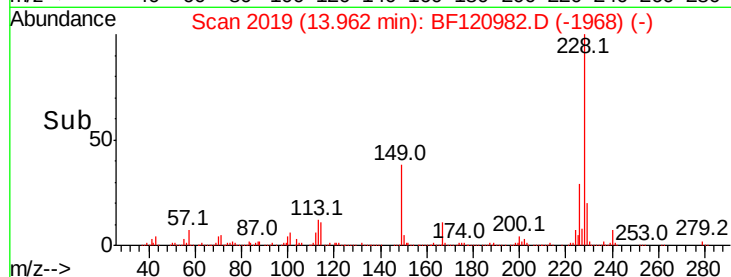
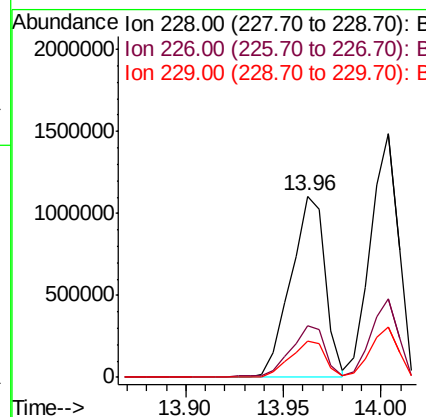
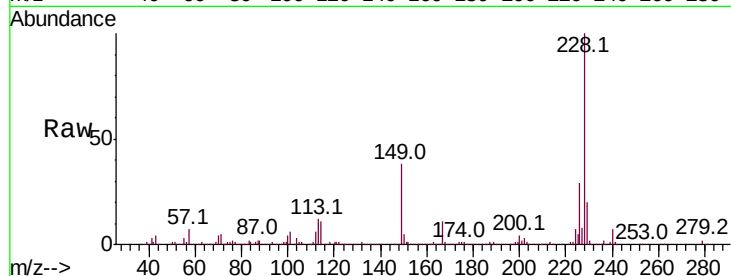
#81
Benzo(a)anthracene
Concen: 37.859 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.3	16.1	24.1

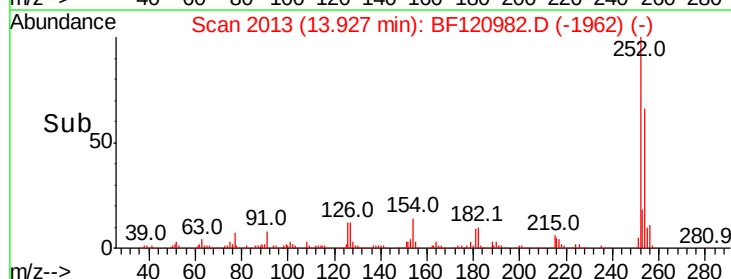
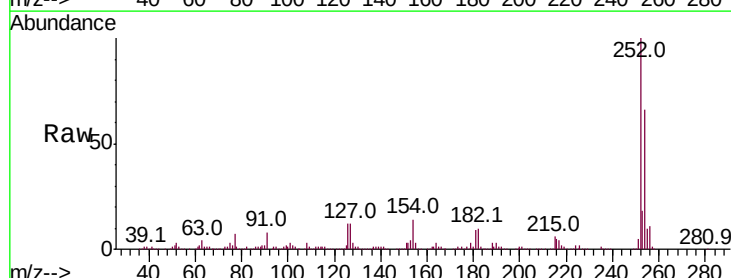
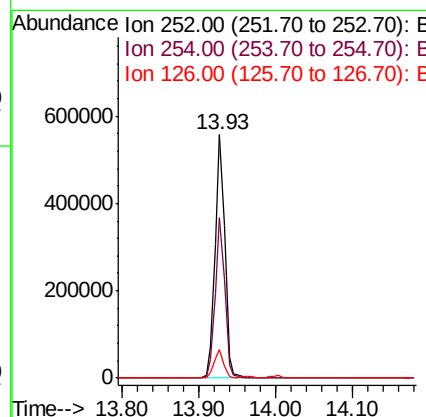
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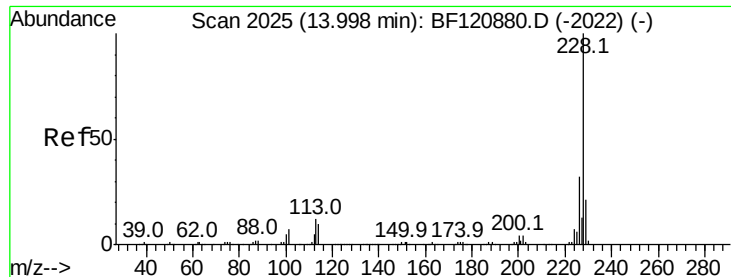
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 36.003 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.2	76.8
126	11.7	8.7	13.1





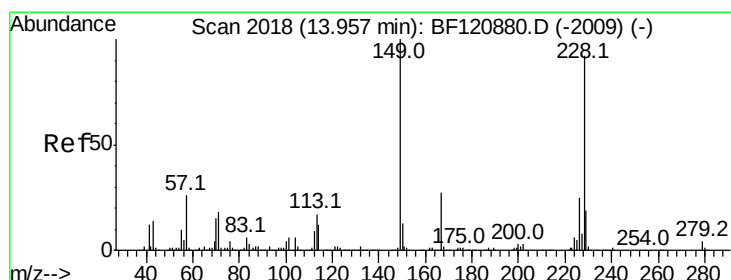
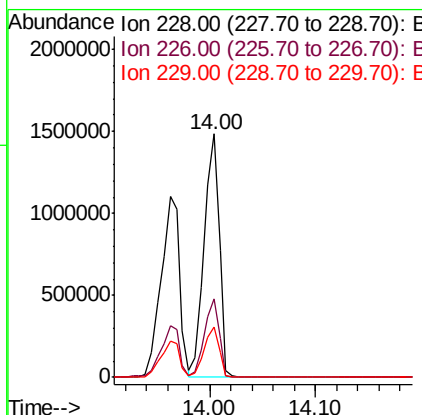
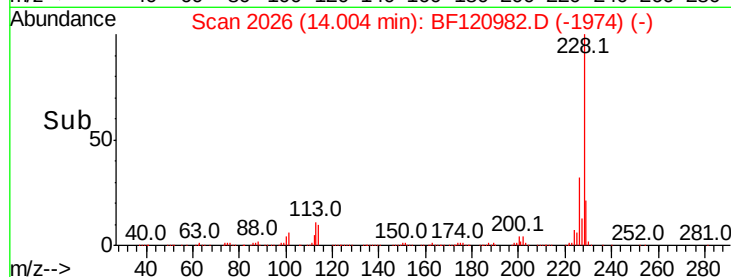
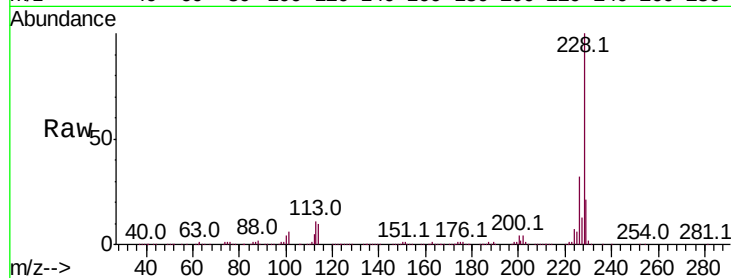
#83
 Chrysene
 Concen: 39.377 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.6	38.4
229	20.7	16.8	25.2

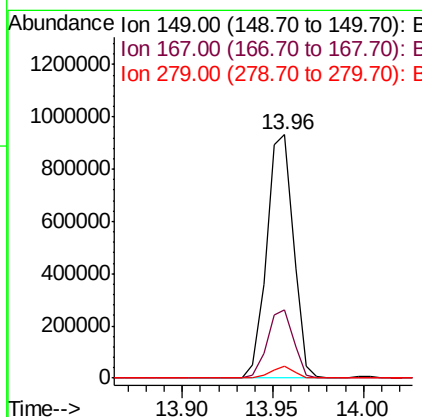
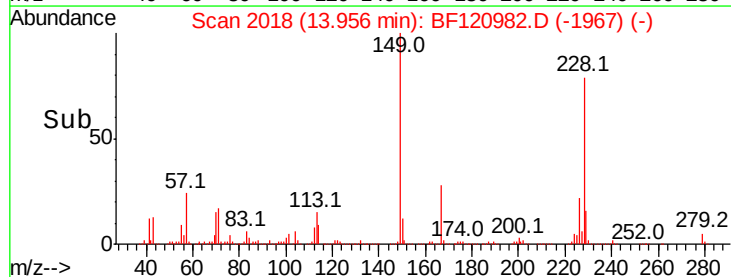
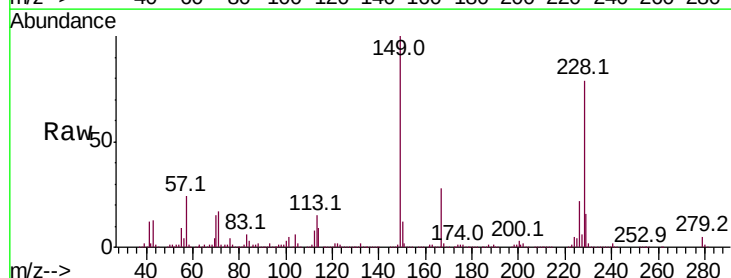
Manual Integrations
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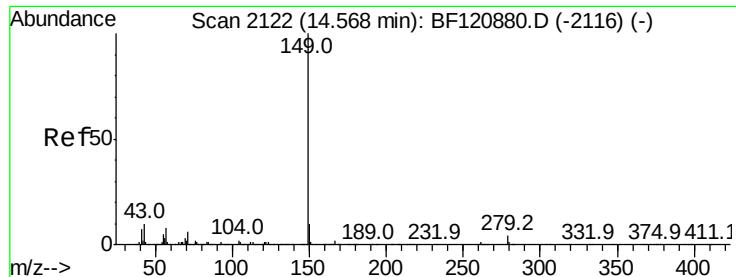
Sohil
 7/24/2020 12:12:14 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.791 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF120982.D
 Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.7	3.0	4.4#





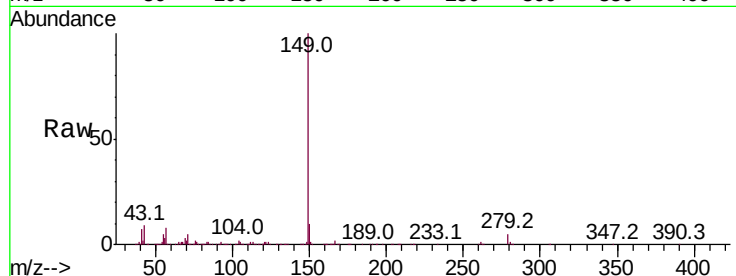
#85
Di-n-octyl phthalate
Concen: 40.510 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

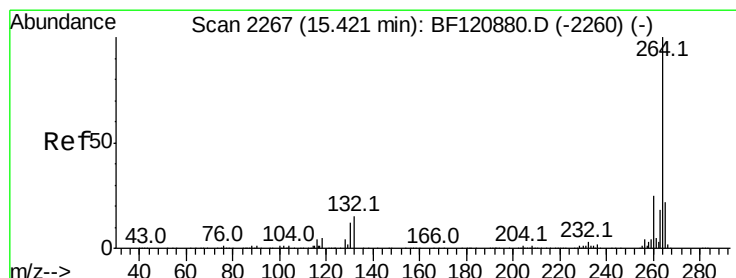
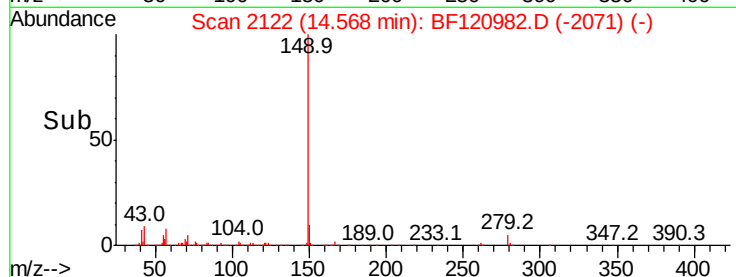
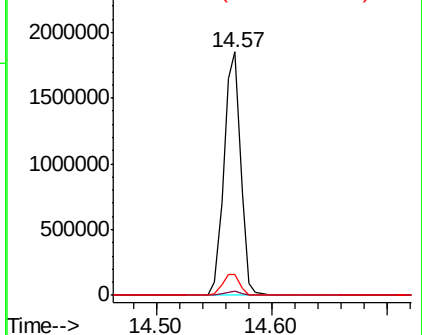
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.6	11.4

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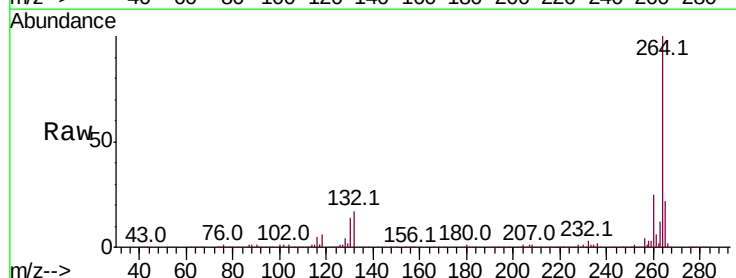


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

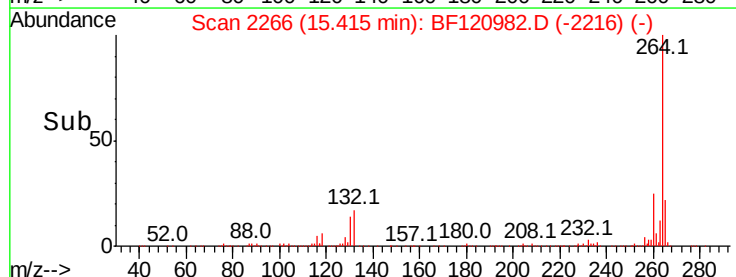
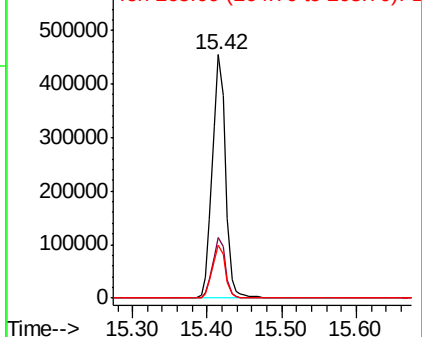


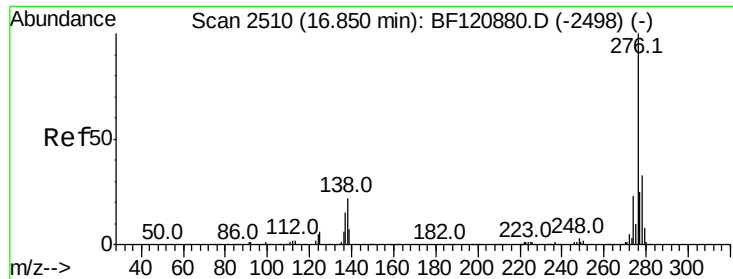
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	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





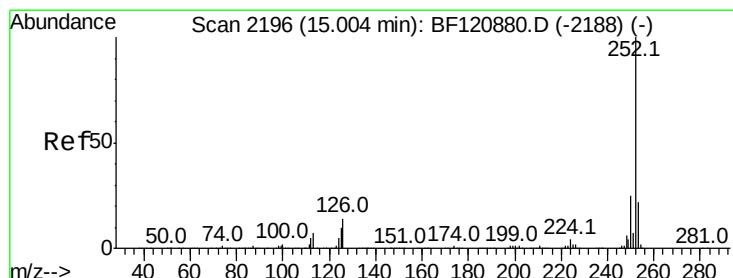
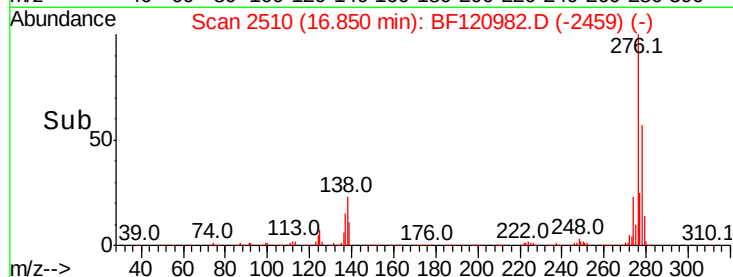
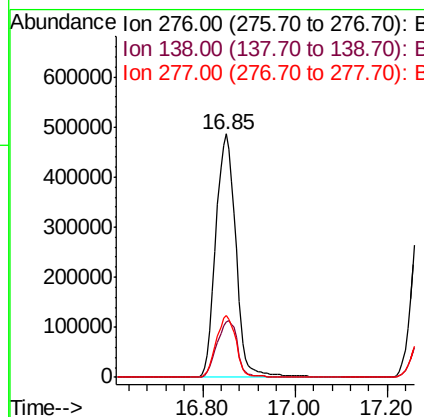
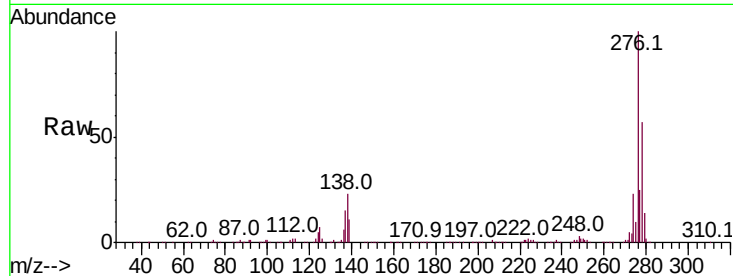
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.158 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.8	29.8
277	25.2	20.2	30.2

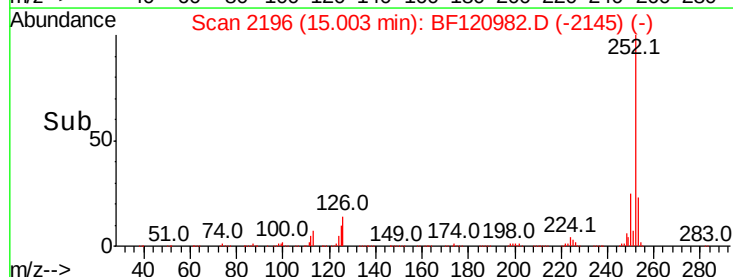
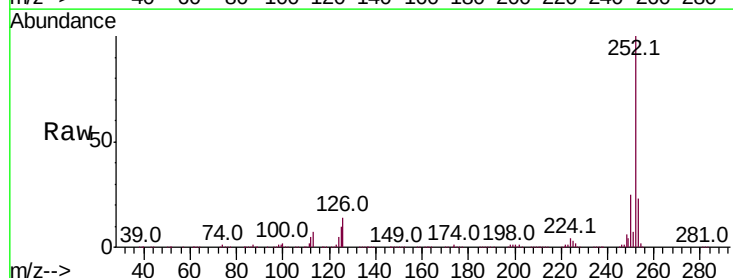
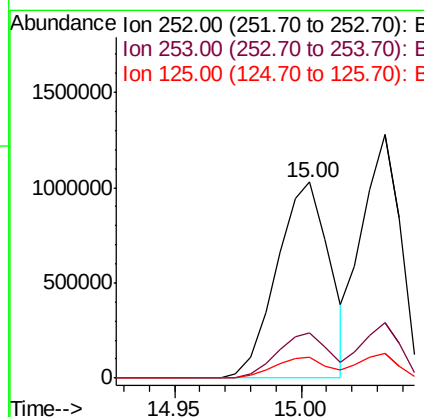
Manual Integrations
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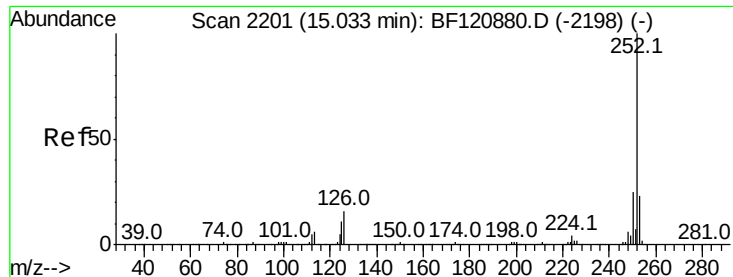
Sohil
7/24/2020 12:12:14 PM



#88
Benzo(b)fluoranthene
Concen: 44.295 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.4	8.3	12.5





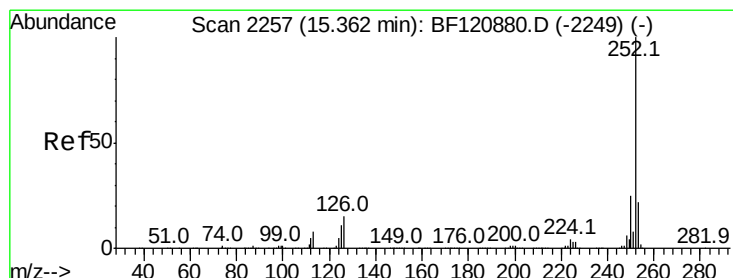
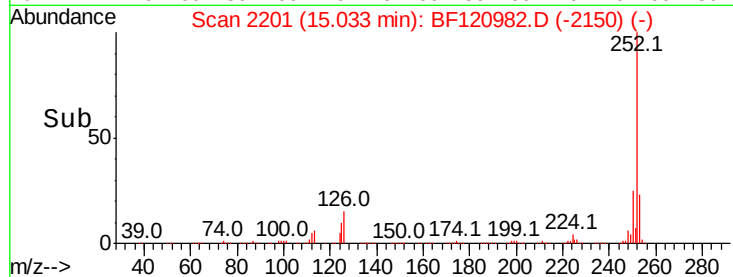
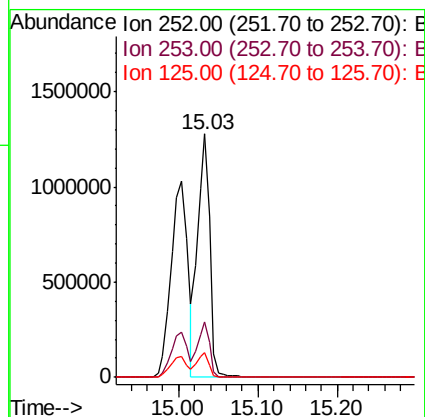
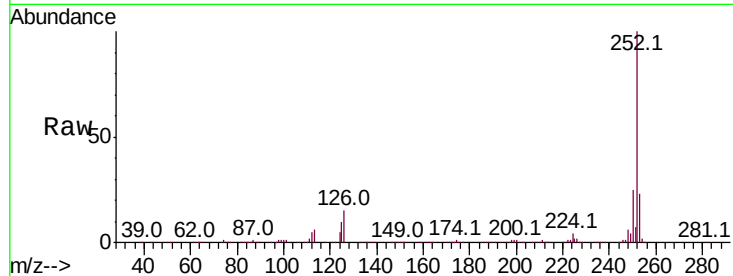
#89
Benzo(k)fluoranthene
Concen: 45.007 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

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

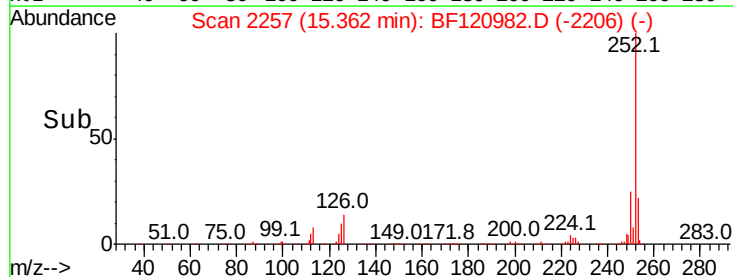
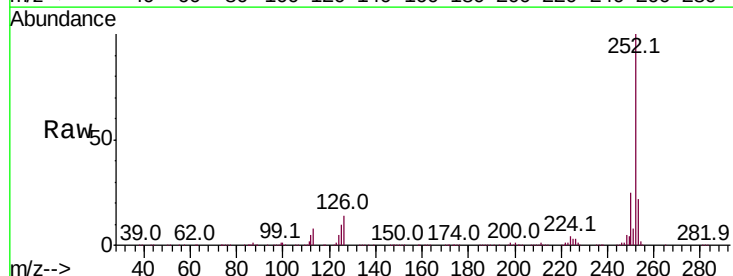
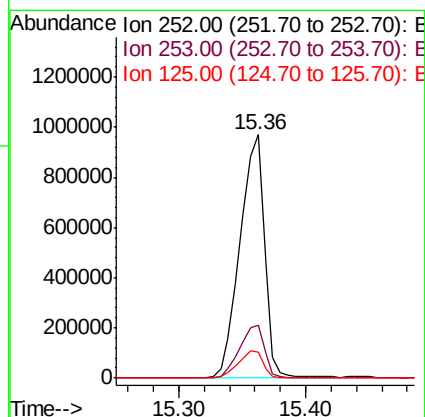
Manual Integrations
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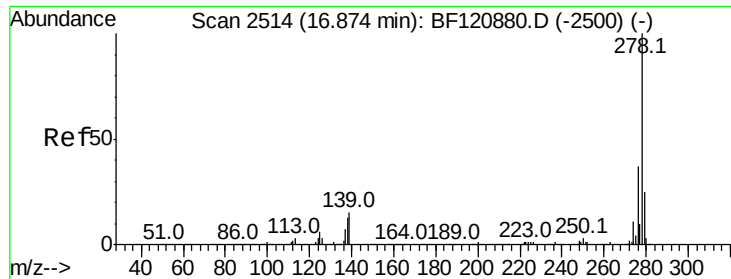
Sohil
7/24/2020 12:12:14 PM



#90
Benzo(a)pyrene
Concen: 42.529 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.5	8.9	13.3





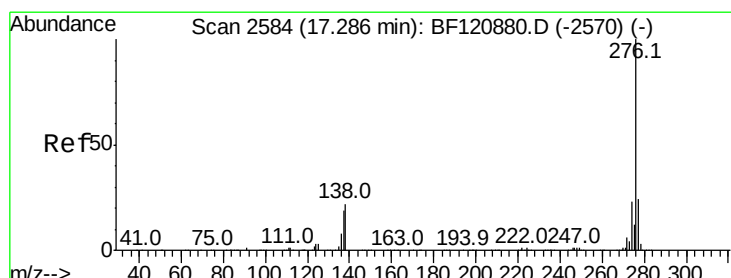
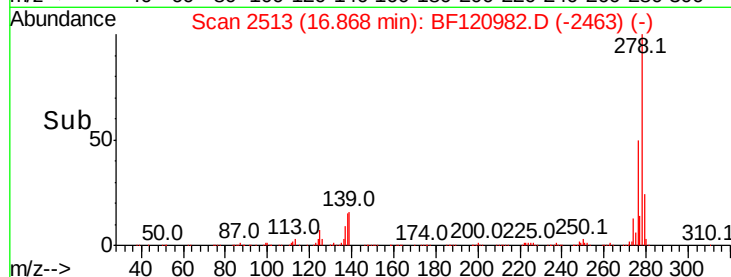
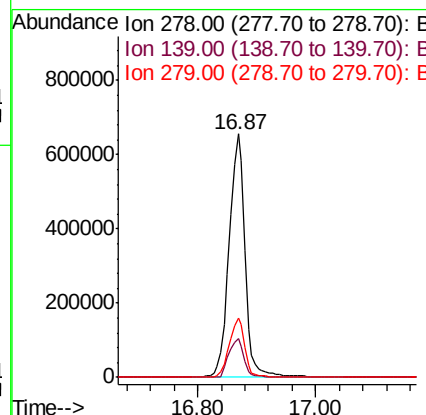
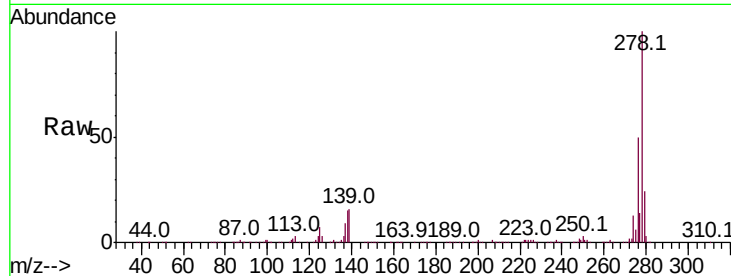
#91
Dibenzo(a,h)anthracene
Concen: 39.133 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Instrument :
BNA_F
ClientSampleId :
PB130408BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.3	20.1	30.1

Manual Integrations
APPROVED

Sohil
7/24/2020 12:12:14 PM



#92
Benzo(g,h,i)perylene
Concen: 37.515 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120982.D
Acq: 23 Jul 2020 15:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.7	17.5	26.3

