

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122394.D
 Acq On : 19 Nov 2020 22:14
 Operator : JU/CG
 Sample : L4778-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1814

Manual Integrations
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 11/24/2020 8:54:37 AM

Quant Time: Nov 20 00:04:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	359	20.00	ng	# 0.00
21) Naphthalene-d8	8.239	136	95220m	20.00	ng	0.09
39) Acenaphthene-d10	9.863	164	207298	20.00	ng	#-0.05
64) Phenanthrene-d10	11.304	188	4686	20.00	ng	#-0.09
76) Chrysene-d12	13.933	240	3874	20.00	ng	#-0.10
86) Perylene-d12	15.380	264	342	20.00	ng	#-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1418	60.65	ng	0.00
7) Phenol-d6	6.757	99	688639m	22515.03	ng	0.27
23) Nitrobenzene-d5	7.528	82	427215	274.67	ng	0.09
42) 2,4,6-Tribromophenol	10.810	330	164343	73.87	ng	0.11
45) 2-Fluorobiphenyl	9.275	172	573971	43.26	ng	0.04
79) Terphenyl-d14	13.069	244	521627	2852.53	ng	0.09
Target Compounds						Qvalue
10) Phenol	6.769	94	87014m	2888.94	ng	
11) bis(2-Chloroethyl)ether	6.604	93	41874	1749.10	ng	# 47
15) Benzyl Alcohol	7.216	79	7056726	324511.48	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.104	45	133819	3835.04	ng	92
17) 2-Methylphenol	7.216	107	3730402	184338.28	ng	# 15
20) 3+4-Methylphenols	7.216	107	3730402	149790.44	ng	# 44
22) Acetophenone	7.228	105	783930	316.07	ng	# 45
24) Nitrobenzene	7.392	77	215844	121.29	ng	# 1
27) 2,4-Dimethylphenol	7.822	122	35621	21.78	ng	# 82
29) 2,4-Dichlorophenol	8.034	162	41154	28.42	ng	# 1
31) Naphthalene	8.163	128	89981	17.77	ng	# 1
32) Benzoic acid	8.322	122	7892848m	7279.85	ng	
37) 2-Methylnaphthalene	8.904	142	1772116m	529.86	ng	
38) 1-Methylnaphthalene	8.998	142	930468m	297.21	ng	
43) 2,4,6-Trichlorophenol	9.004	196	28825	6.95	ng	# 16
46) 1,1'-Biphenyl	9.375	154	232592	14.10	ng	90
50) Dimethylphthalate	9.510	163	148746	10.09	ng	# 1
52) Acenaphthene	9.951	154	99810	8.01	ng	# 55
60) Diethylphthalate	10.322	149	194846	13.48	ng	# 37
65) 4,6-Dinitro-2-methylph...	10.439	198	3770	115.12	ng	# 1
70) Pentachlorophenol	11.139	266	34622	1010.07	ng	# 42
71) Phenanthrene	11.322	178	39451	148.38	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.068	149	946594m	7213.37	ng	
92) Benzo(g,h,i)perylene	17.498	276	13926m	833.12	ng	

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

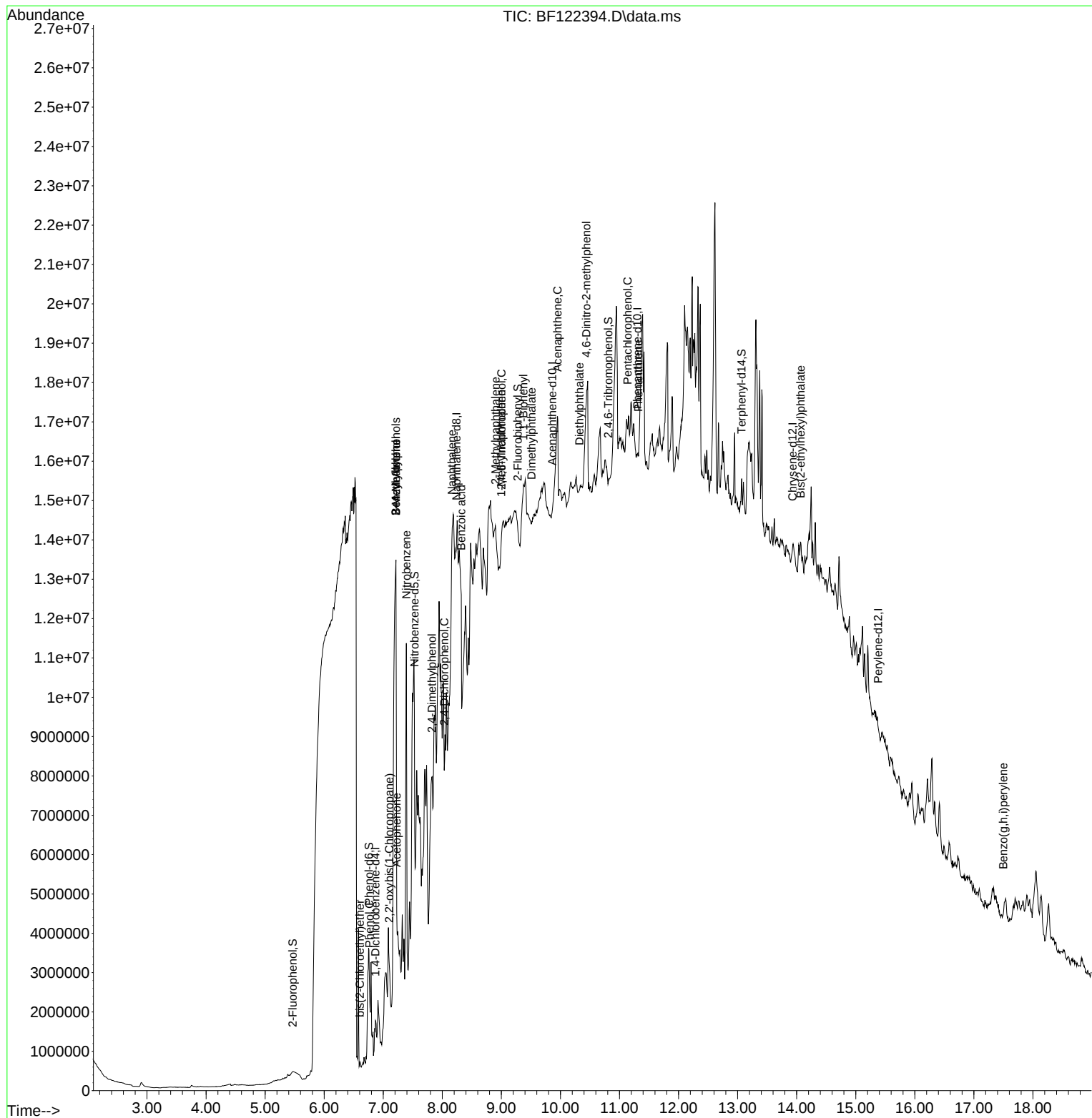
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122394.D
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 Operator : JU/CG
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

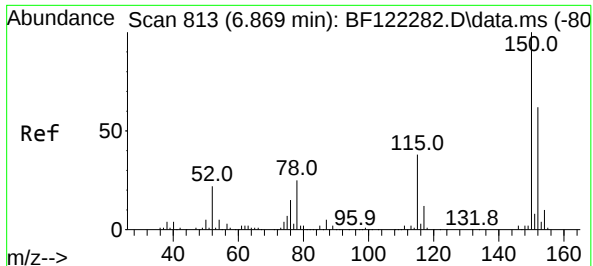
Instrument :
 BNA_F
 ClientSampled :
 1814

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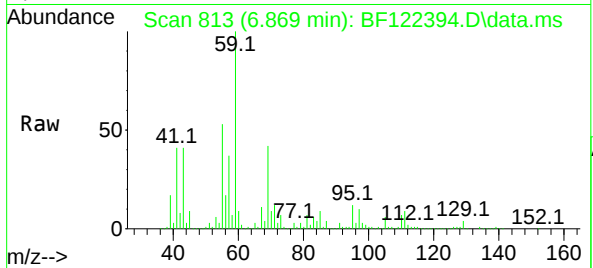
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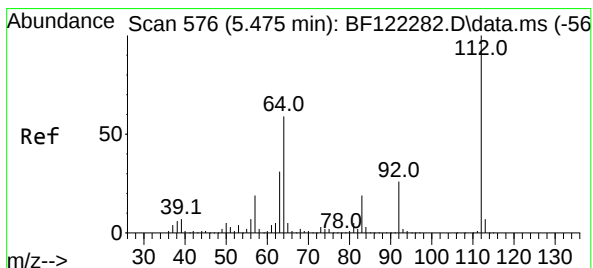
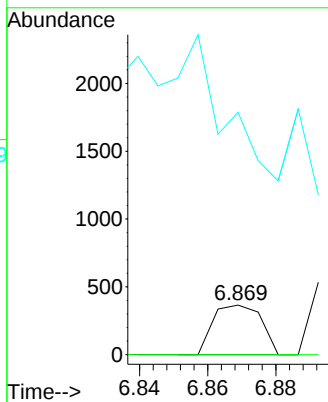
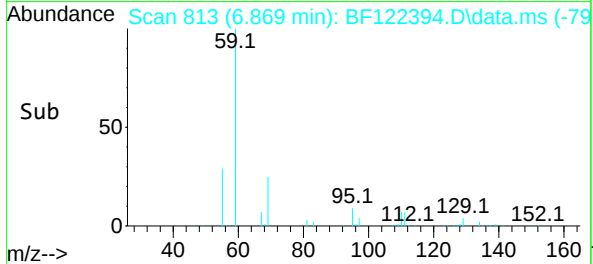




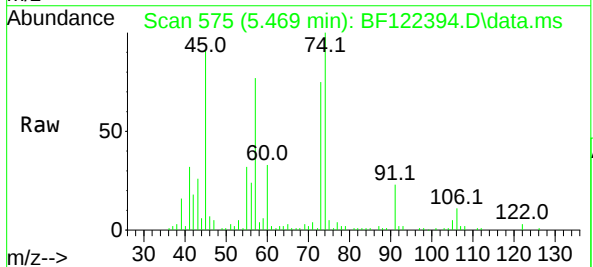
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



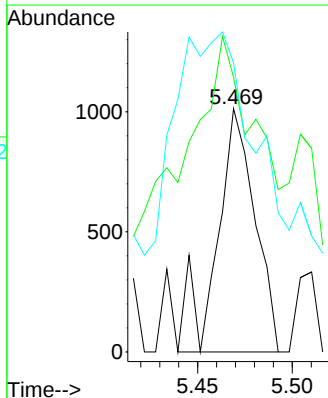
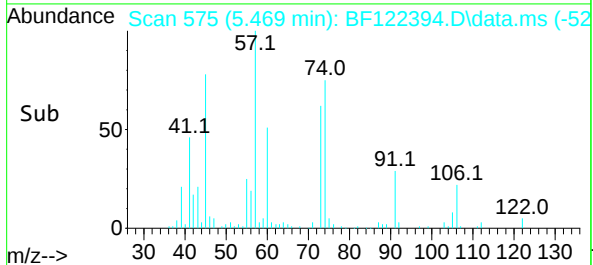
Tgt Ion:152 Resp: 359
Ion Ratio Lower Upper
152 100
150 0.0 125.3 187.9#
115 488.5 51.9 77.9#



#5
2-Fluorophenol
Concen: 60.65 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



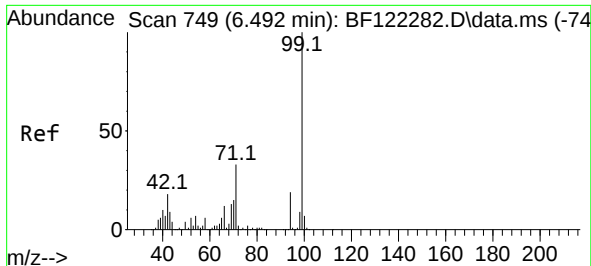
Tgt Ion:112 Resp: 1418
Ion Ratio Lower Upper
112 100
64 112.8 50.4 75.6#
63 118.8 25.8 38.6#



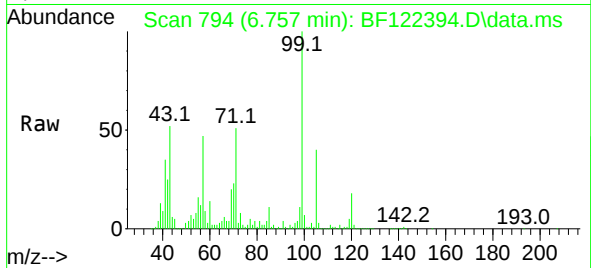
Instrument :
BNA_F
ClientSampled :
1814

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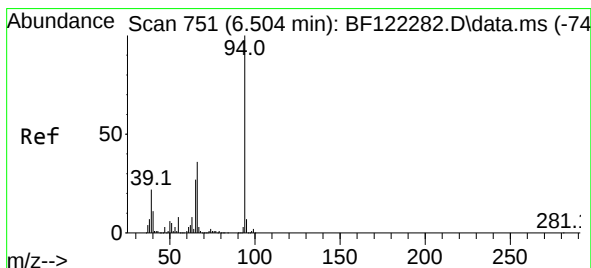
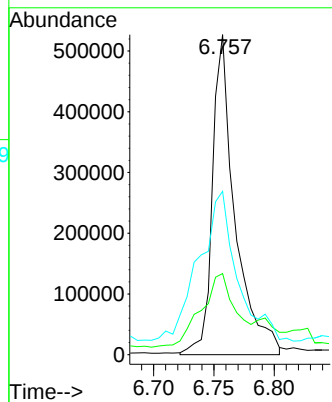
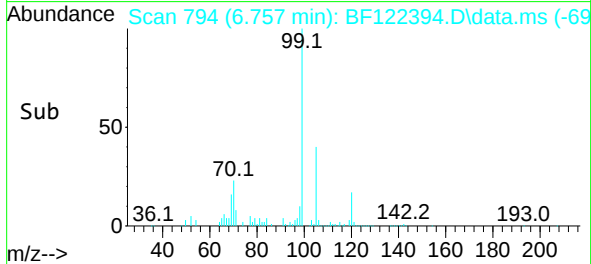
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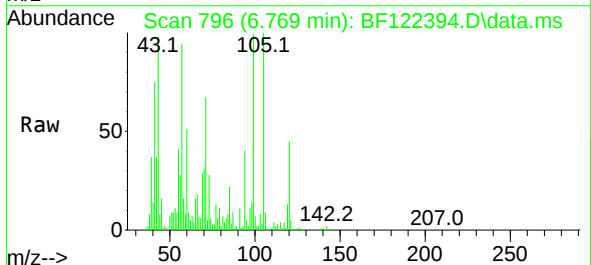
#7
Phenol-d6
Concen: 22515.03 ng m
RT: 6.757 min Scan# 794
Delta R.T. 0.265 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



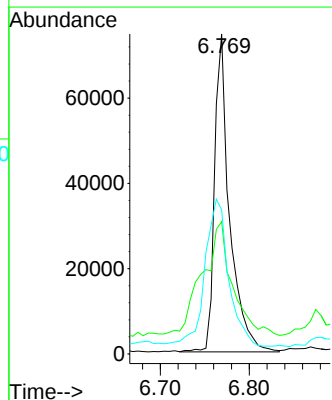
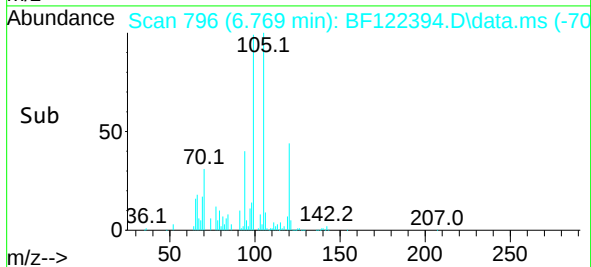
Tgt Ion: 99 Resp: 688639
Ion Ratio Lower Upper
99 100
42 25.3 15.9 23.9#
71 51.0 27.1 40.7#



#10
Phenol
Concen: 2888.94 ng m
RT: 6.769 min Scan# 796
Delta R.T. 0.265 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



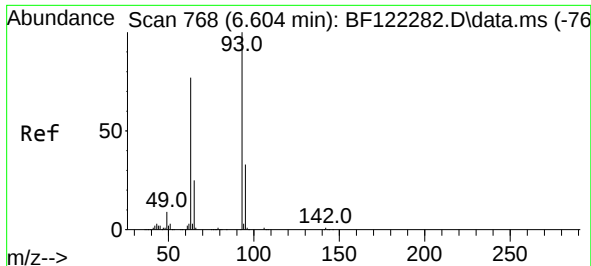
Tgt Ion: 94 Resp: 87014
Ion Ratio Lower Upper
94 100
65 41.3 17.1 57.1
66 45.1 36.0 76.0



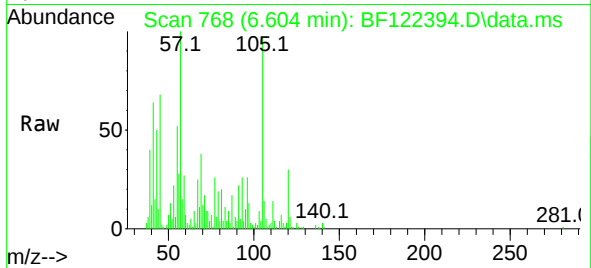
Instrument :
BNA_F
ClientSampleId :
1814

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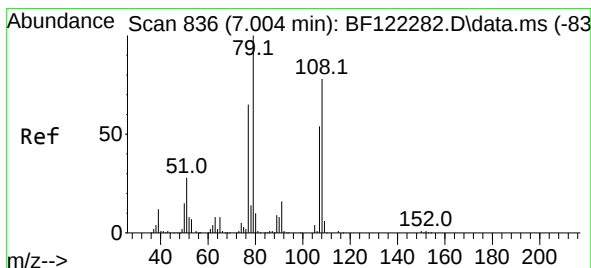
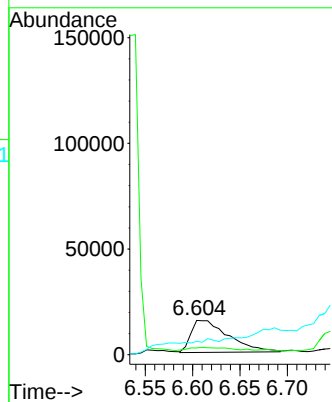
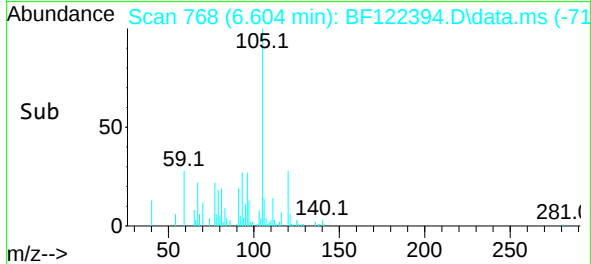
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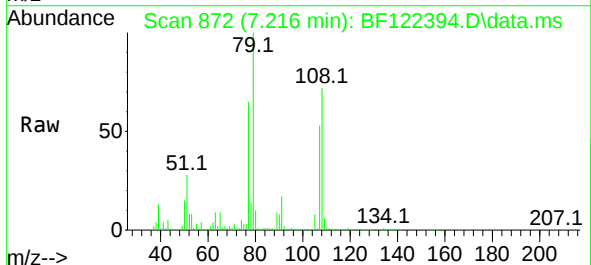
#11
bis(2-Chloroethyl)ether
Concen: 1749.10 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



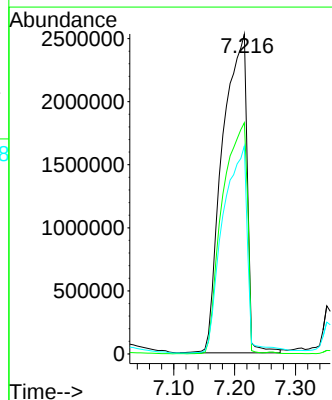
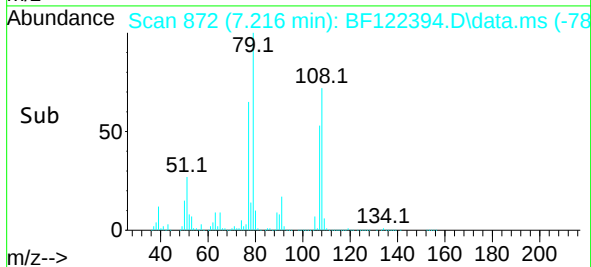
Tgt Ion: 93 Resp: 41874
Ion Ratio Lower Upper
93 100
63 19.8 62.4 102.4#
95 39.0 12.6 52.6



#15
Benzyl Alcohol
Concen: 324511.48 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.212 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



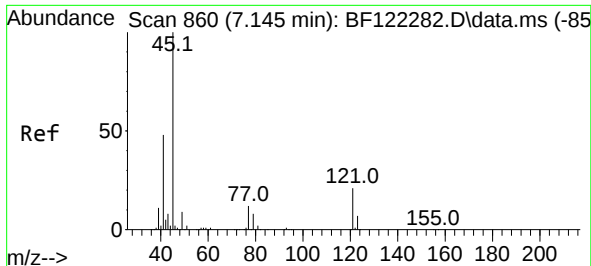
Tgt Ion: 79 Resp: 7056726
Ion Ratio Lower Upper
79 100
108 72.2 62.3 93.5
77 65.0 50.6 75.8



Instrument :
BNA_F
ClientSampleId :
1814

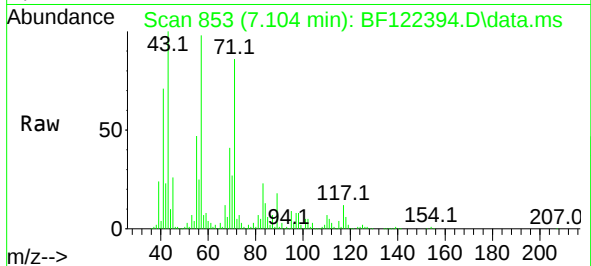
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3835.04 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.041 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

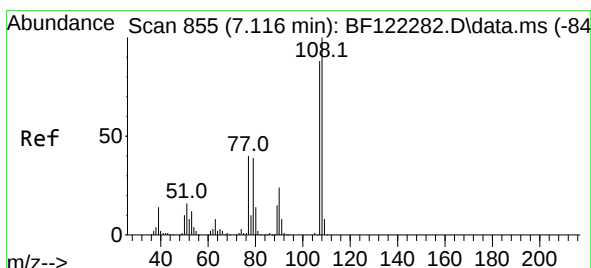
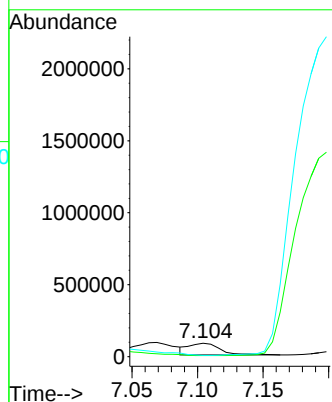
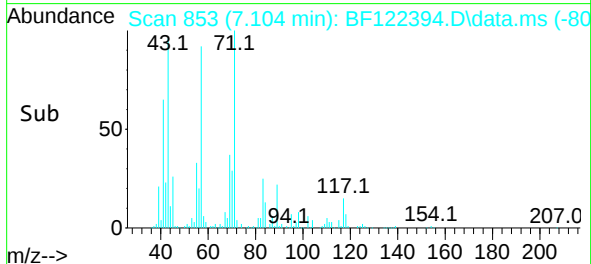
Instrument :
BNA_F
ClientSampled :
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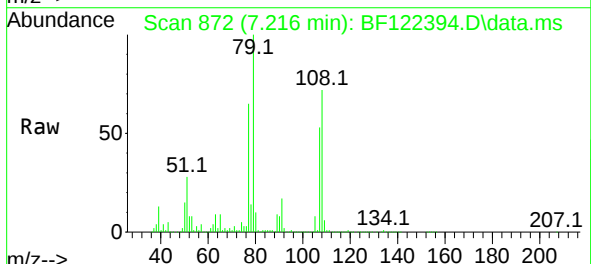
Tgt Ion: 45 Resp: 133819
Ion Ratio Lower Upper
45 100
77 8.0 0.0 33.3
79 10.0 0.0 30.4

Manual Integrations
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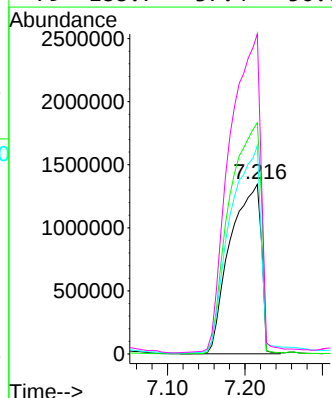
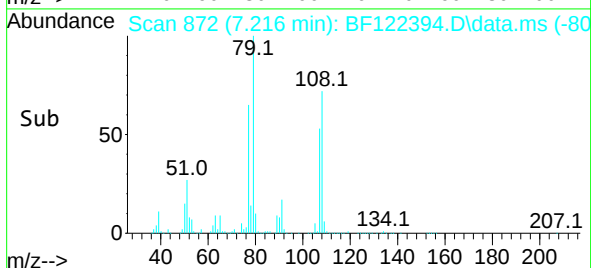
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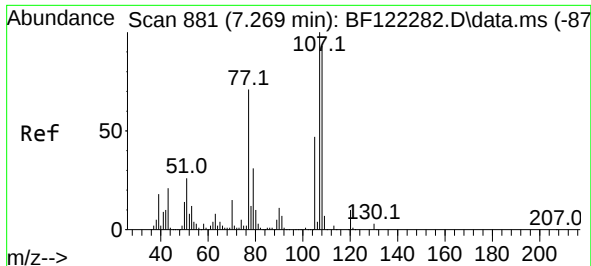


#17
2-Methylphenol
Concen: 184338.28 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.100 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



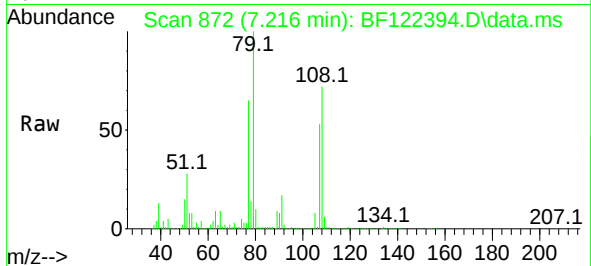
Tgt Ion: 107 Resp: 3730402
Ion Ratio Lower Upper
107 100
108 136.3 90.9 136.3
77 122.6 37.5 56.3#
79 188.7 37.4 56.0#





#20
3+4-Methylphenols
Concen: 149790.44 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.053 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

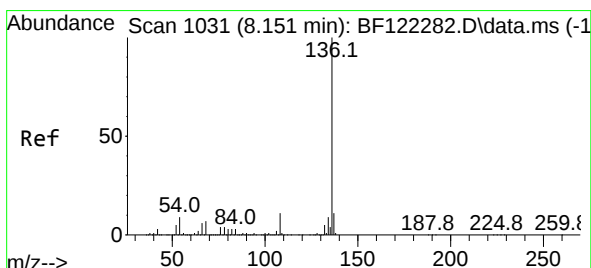
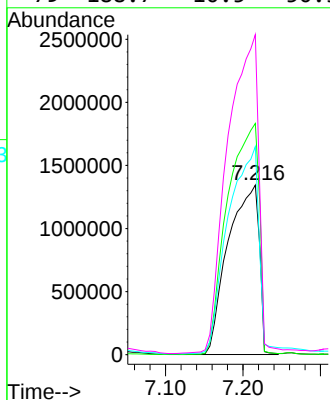
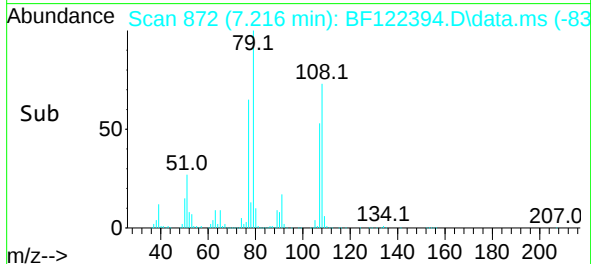
Instrument :
BNA_F
ClientSampled :
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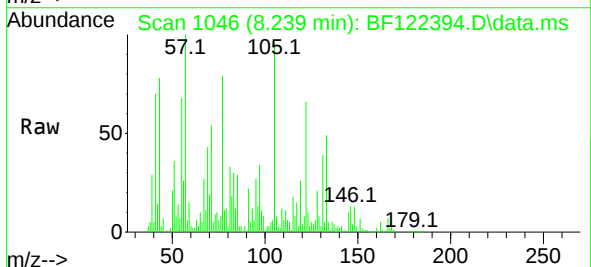
Tgt Ion:107 Resp: 3730402
Ion Ratio Lower Upper
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79 188.7 10.5 50.5#

Manual Integrations
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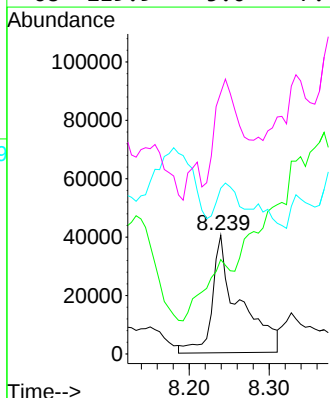
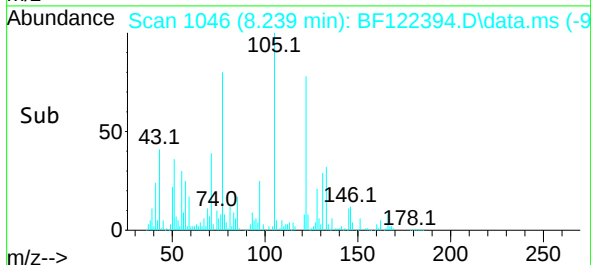
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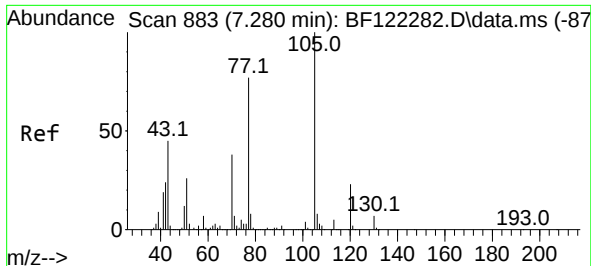


#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 8.239 min Scan# 1046
Delta R.T. 0.088 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



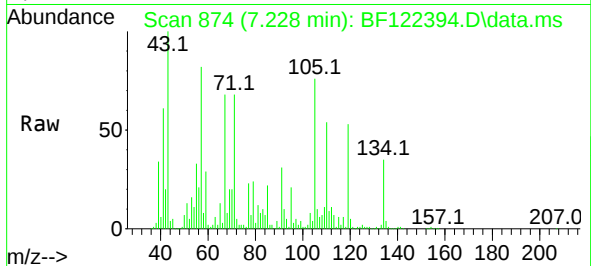
Tgt Ion:136 Resp: 95220
Ion Ratio Lower Upper
136 100
137 79.5 8.6 13.0#
54 139.5 7.1 10.7#
68 219.9 5.0 7.4#





#22
Acetophenone
Concen: 316.07 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.053 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

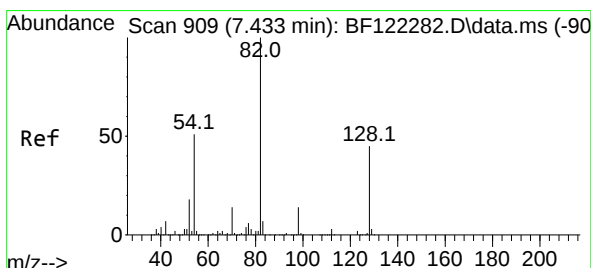
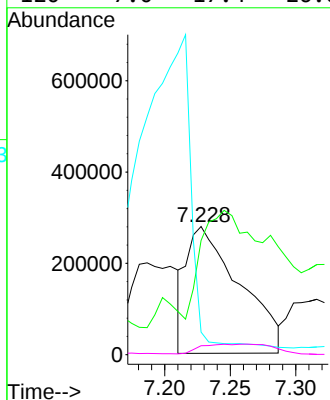
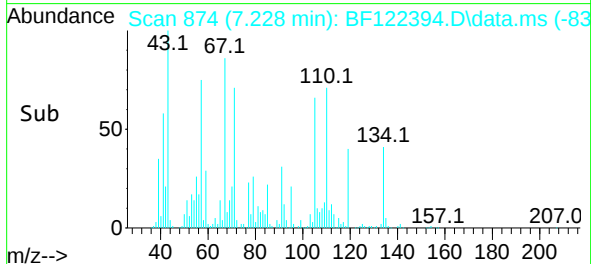
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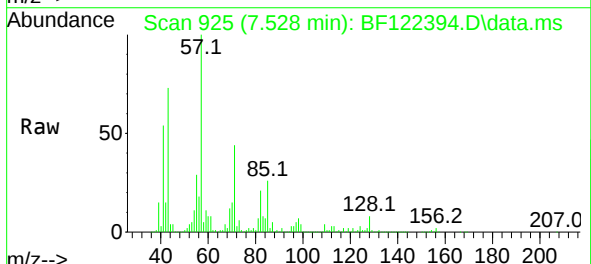
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Ion Ratio Lower Upper
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51 17.6 33.2 49.8#
120 7.0 17.4 26.0#

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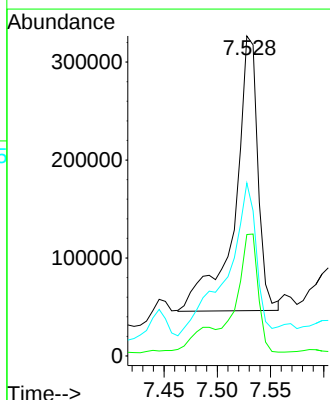
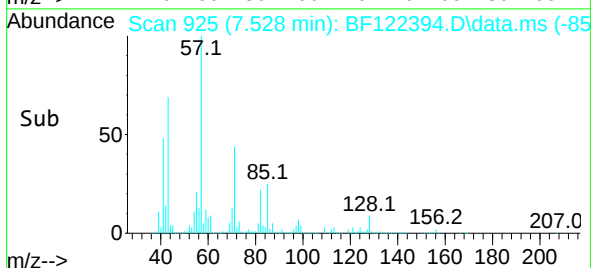
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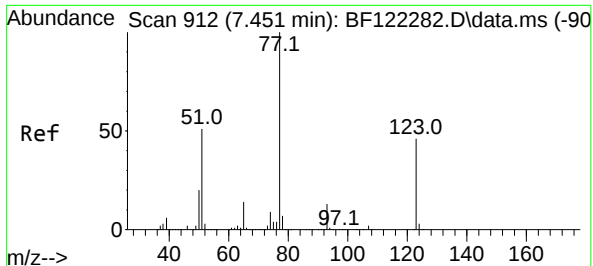


#23
Nitrobenzene-d5
Concen: 274.67 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.094 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



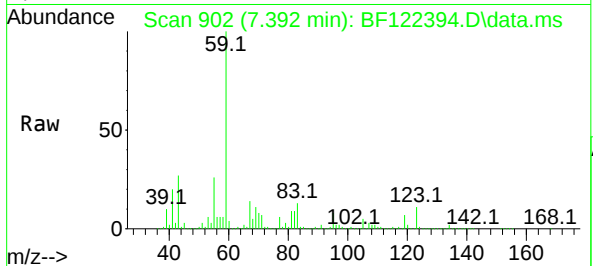
Tgt Ion: 82 Resp: 427215
Ion Ratio Lower Upper
82 100
128 38.0 35.0 52.4
54 54.0 43.9 65.9





#24
Nitrobenzene
Concen: 121.29 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.058 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

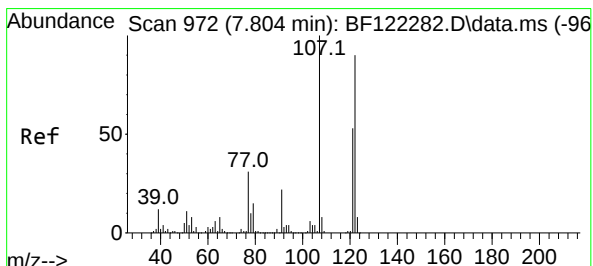
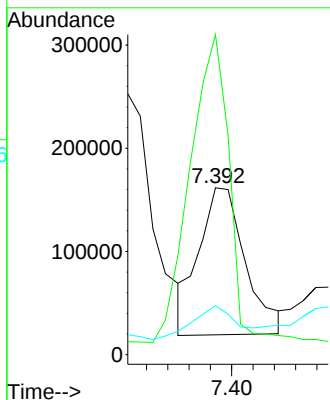
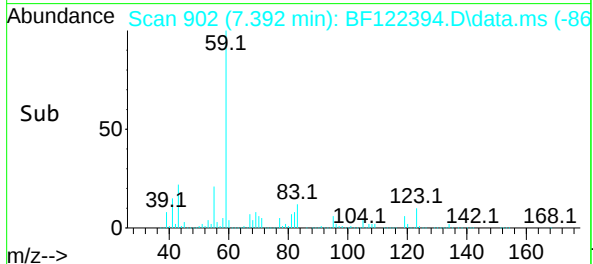
Instrument :
BNA_F
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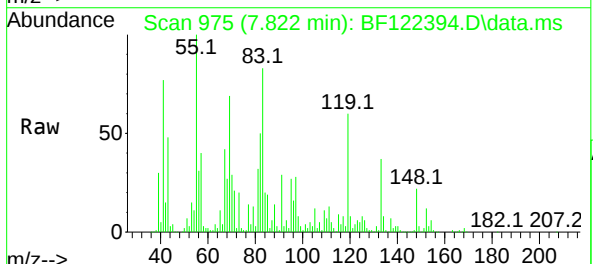
Tgt Ion: 77 Resp: 215844
Ion Ratio Lower Upper
77 100
123 191.7 35.6 53.4#
65 29.5 11.2 16.8#

Manual Integrations
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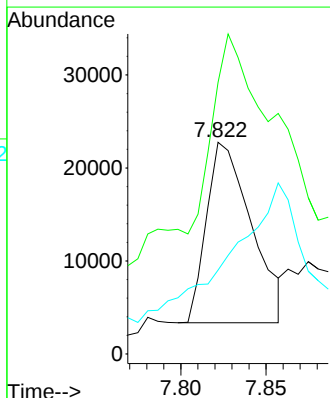
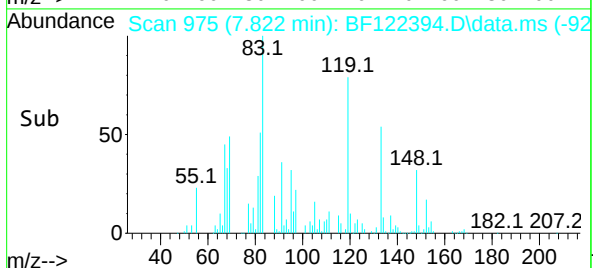
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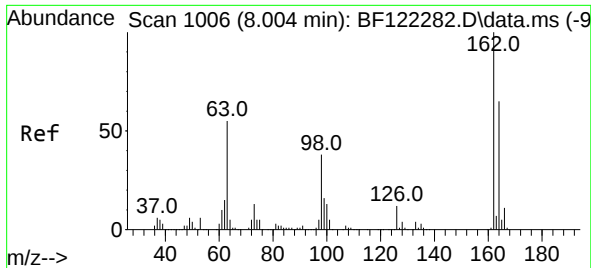


#27
2,4-Dimethylphenol
Concen: 21.78 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.018 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



Tgt Ion:122 Resp: 35621
Ion Ratio Lower Upper
122 100
107 128.3 90.8 136.2
121 39.6 47.5 71.3#





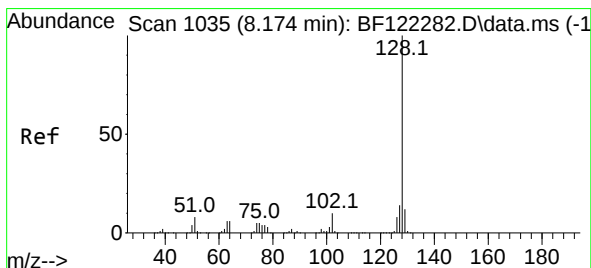
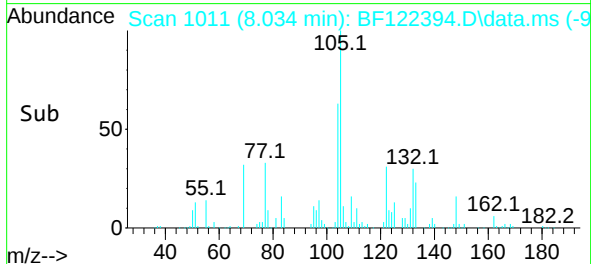
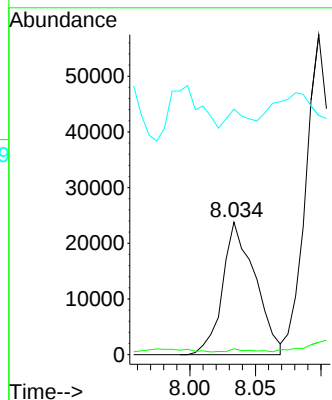
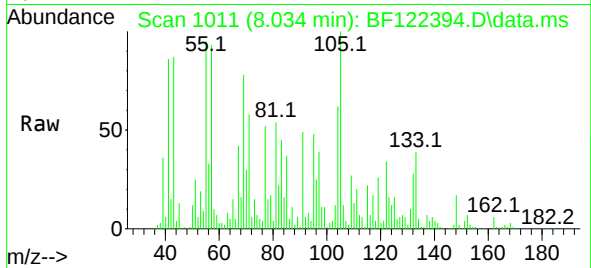
#29
2,4-Dichlorophenol
Concen: 28.42 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.030 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion:162 Resp: 41154
Ion Ratio Lower Upper
162 100
164 4.5 42.5 82.5#
98 185.3 20.1 60.1#

Instrument :
BNA_F
ClientSampled :
1814

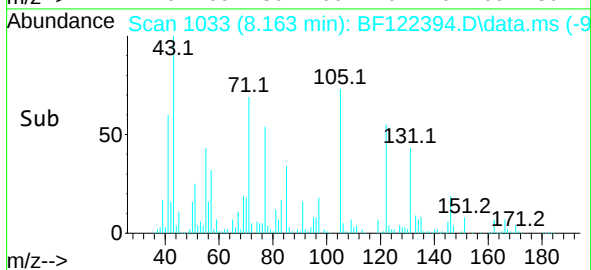
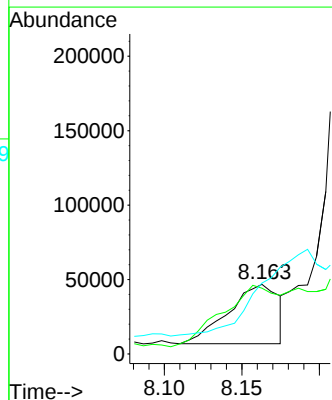
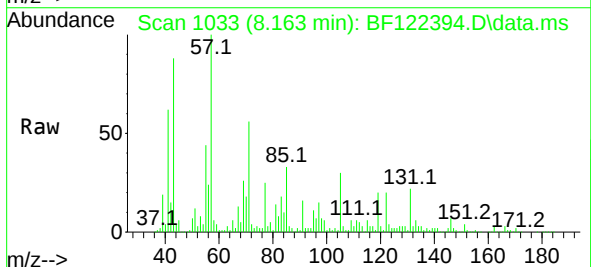
Manual Integrations
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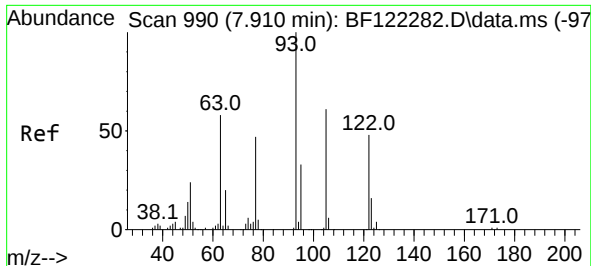
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#31
Naphthalene
Concen: 17.77 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.011 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

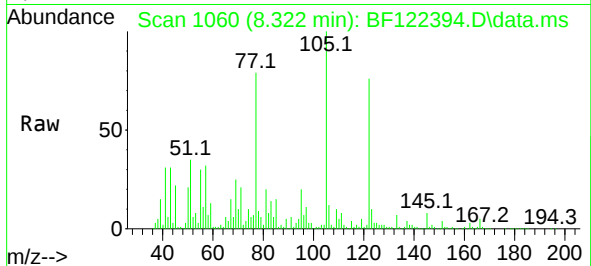
Tgt Ion:128 Resp: 89981
Ion Ratio Lower Upper
128 100
129 94.3 8.7 13.1#
127 101.8 10.8 16.2#





#32
Benzoic acid
Concen: 7279.85 ng m
RT: 8.322 min Scan# 1060
Delta R.T. 0.412 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

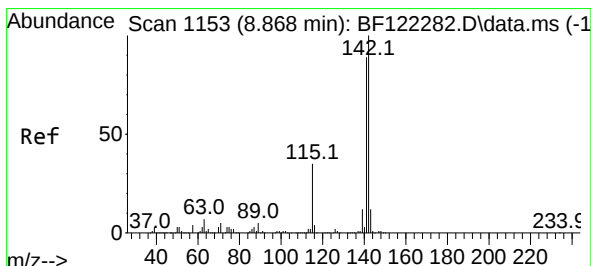
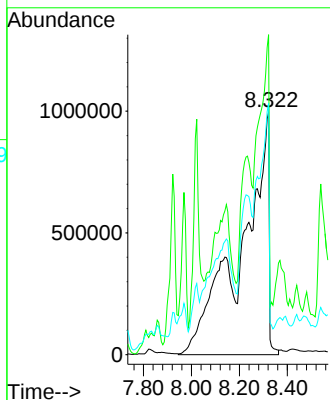
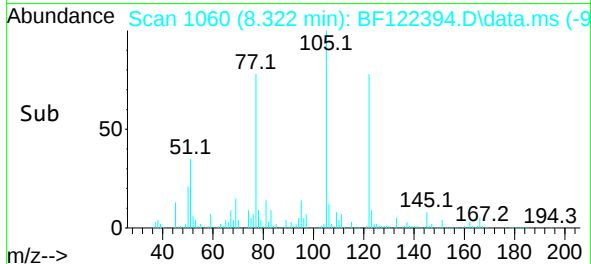
Instrument :
BNA_F
ClientSampled :
1814



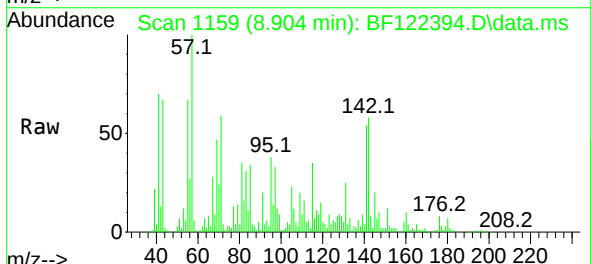
Tgt Ion:122 Resp: 7892848
Ion Ratio Lower Upper
122 100
105 131.9 103.3 143.3
77 103.8 73.9 113.9

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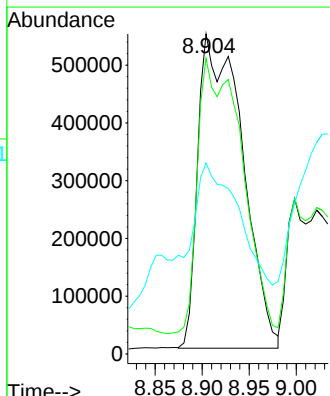
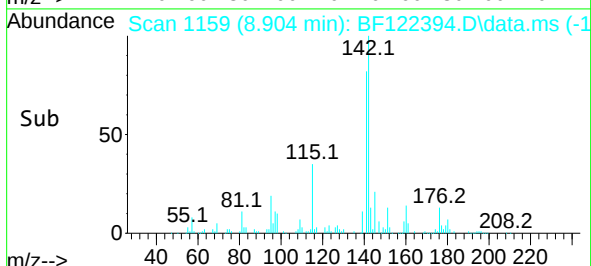
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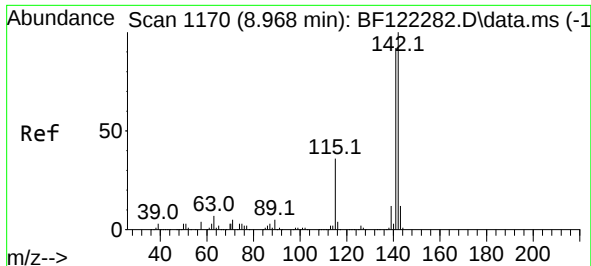


#37
2-Methylnaphthalene
Concen: 529.86 ng m
RT: 8.904 min Scan# 1159
Delta R.T. 0.036 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

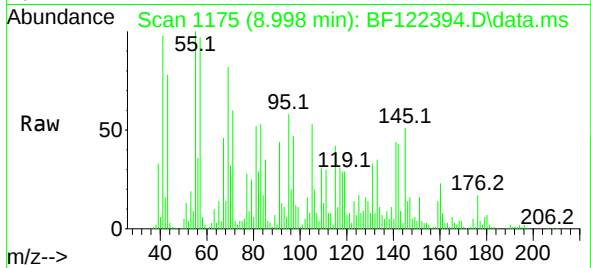


Tgt Ion:142 Resp: 1772116
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.4
115 59.6 28.6 43.0#

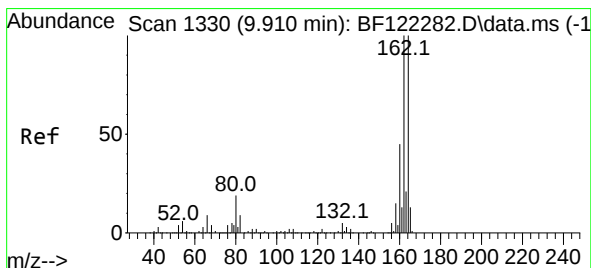
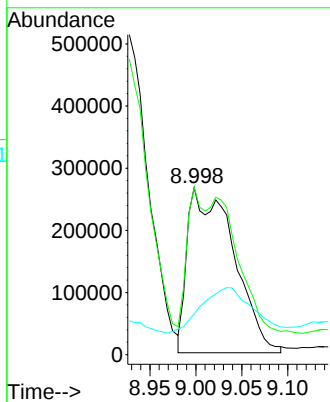
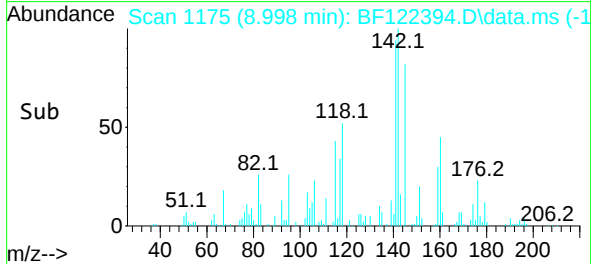




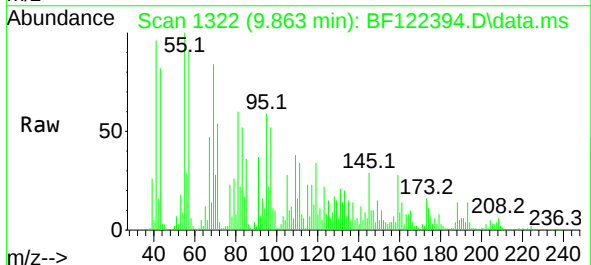
#38
1-Methylnaphthalene
Concen: 297.21 ng m
RT: 8.998 min Scan# 1175
Delta R.T. 0.030 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



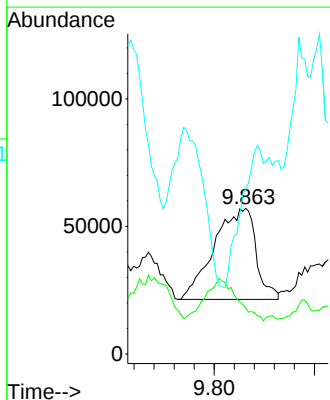
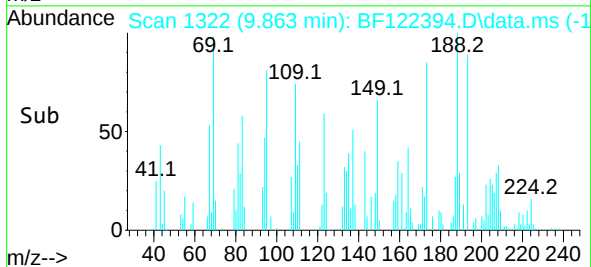
Tgt Ion:142 Resp: 930468
Ion Ratio Lower Upper
142 100
141 100.3 74.5 111.7
116 24.3 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.047 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



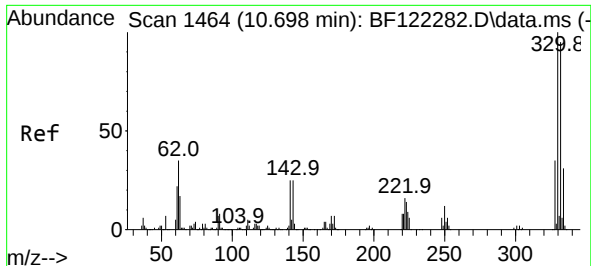
Tgt Ion:164 Resp: 207298
Ion Ratio Lower Upper
164 100
162 31.5 83.2 124.8#
160 113.4 37.5 56.3#



Instrument :
BNA_F
ClientSampled :
1814

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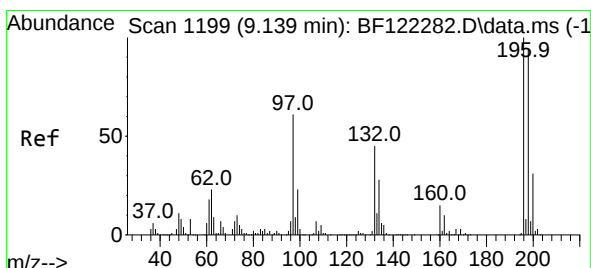
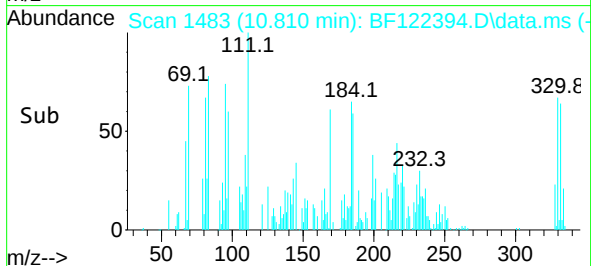
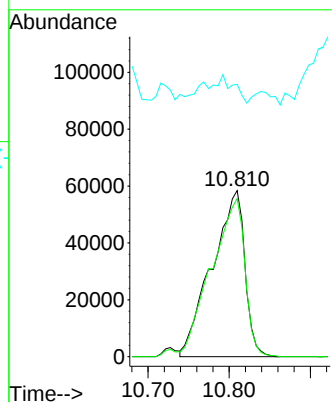
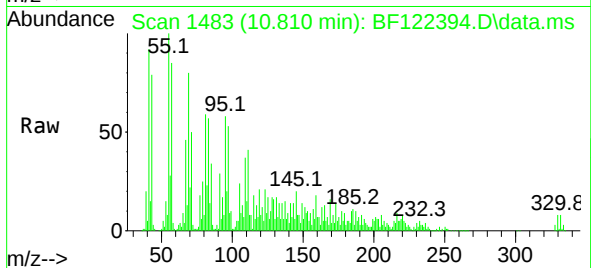
#42
2,4,6-Tribromophenol
Concen: 73.87 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.112 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion: 330 Resp: 164343
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 0.0 22.3 33.5#

Instrument :
BNA_F
ClientSampled :
1814

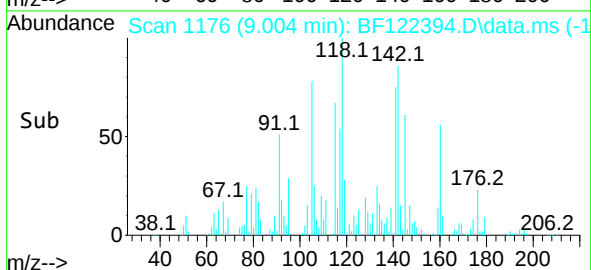
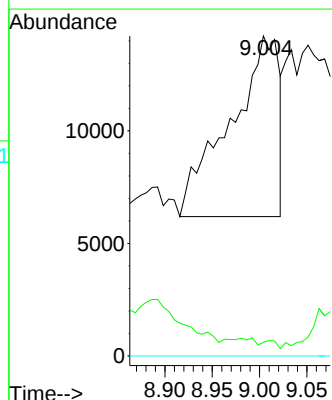
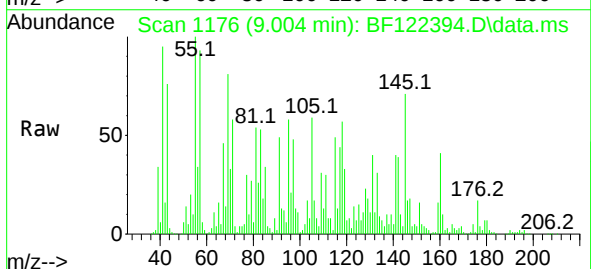
Manual Integrations
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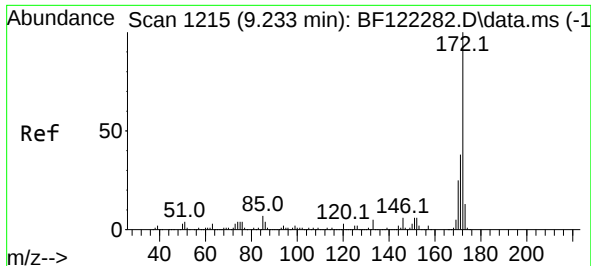
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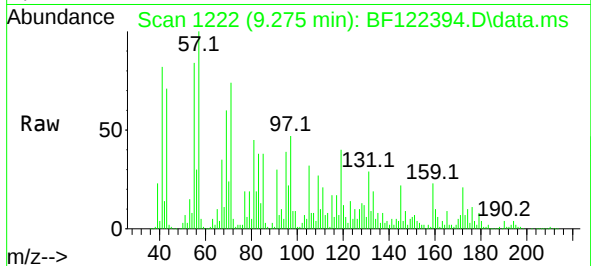
#43
2,4,6-Trichlorophenol
Concen: 6.95 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.135 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion: 196 Resp: 28825
Ion Ratio Lower Upper
196 100
198 4.2 75.8 113.6#
200 0.0 24.6 36.8#

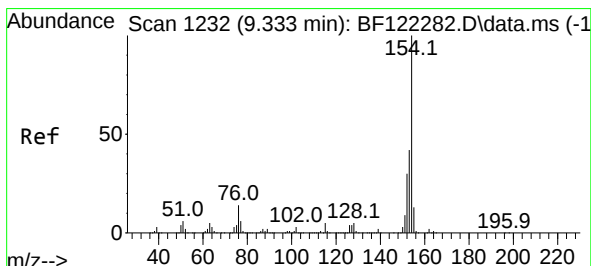
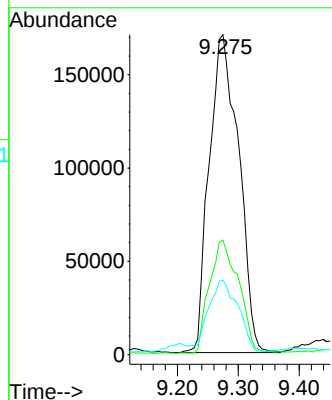
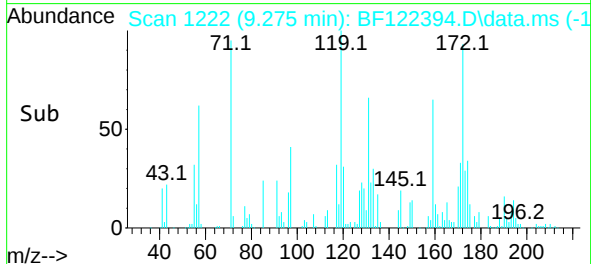




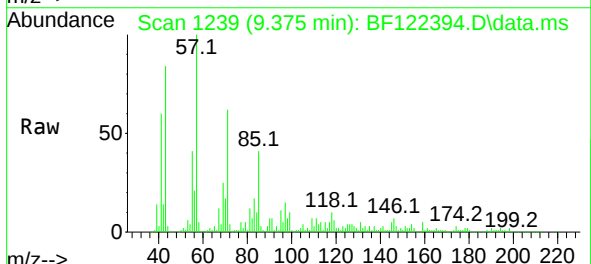
#45
2-Fluorobiphenyl
Concen: 43.26 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.041 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



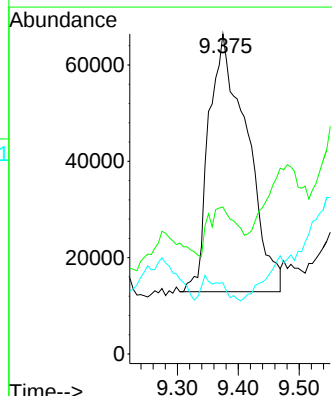
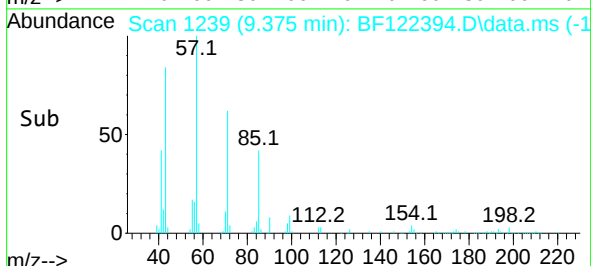
Tgt Ion:172 Resp: 573971
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.3 19.8 29.6



#46
1,1'-Biphenyl
Concen: 14.10 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.041 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



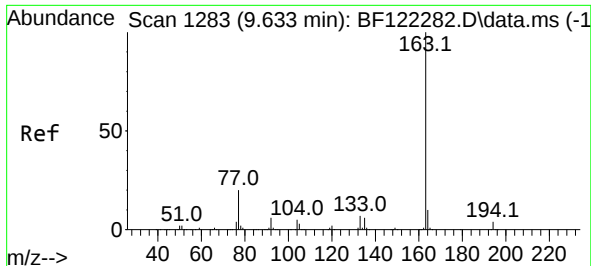
Tgt Ion:154 Resp: 232592
Ion Ratio Lower Upper
154 100
153 45.9 21.3 61.3
76 22.3 0.0 34.7



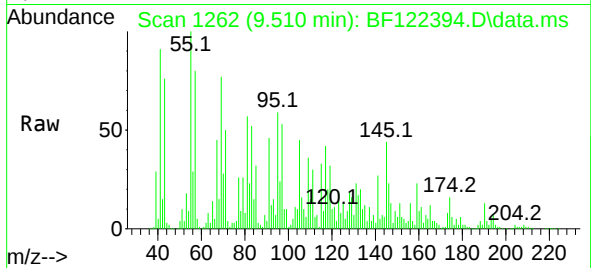
Instrument :
BNA_F
ClientSampled :
1814

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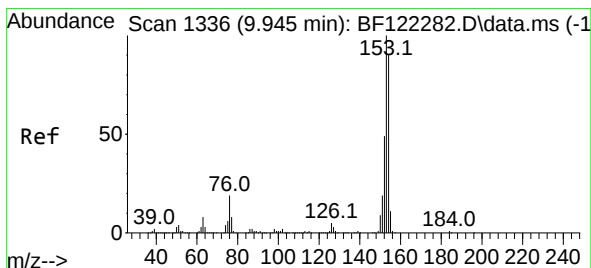
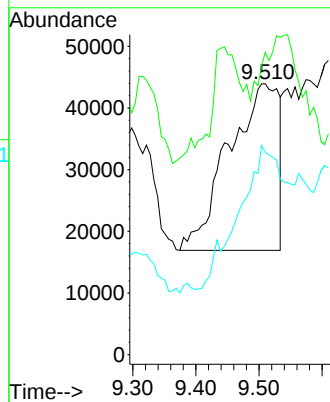
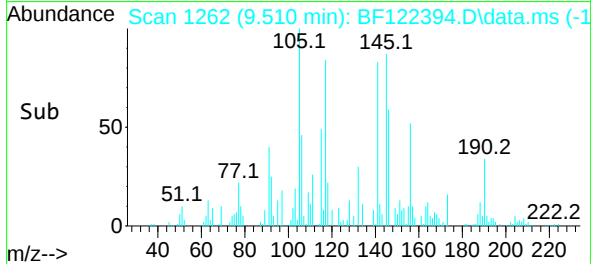
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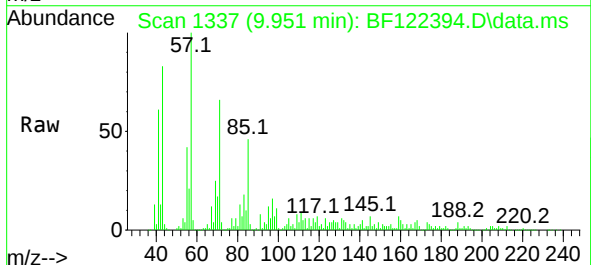
#50
Dimethylphthalate
Concen: 10.09 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.123 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



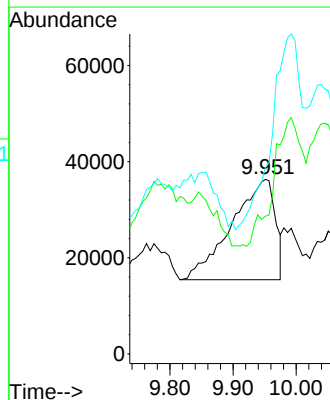
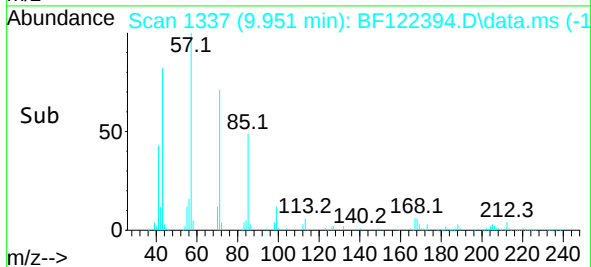
Tgt Ion:163 Resp: 148746
Ion Ratio Lower Upper
163 100
194 111.6 3.3 4.9#
164 74.6 8.2 12.4#



#52
Acenaphthene
Concen: 8.01 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



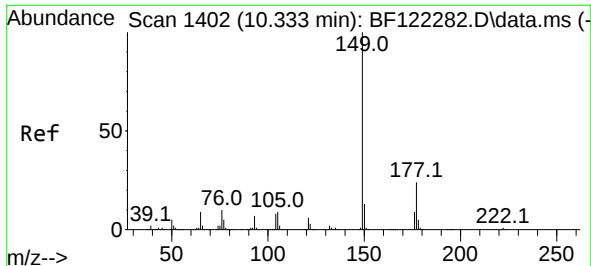
Tgt Ion:154 Resp: 99810
Ion Ratio Lower Upper
154 100
153 78.9 89.8 134.8#
152 106.9 43.2 64.8#



Instrument :
BNA_F
ClientSampleId :
1814

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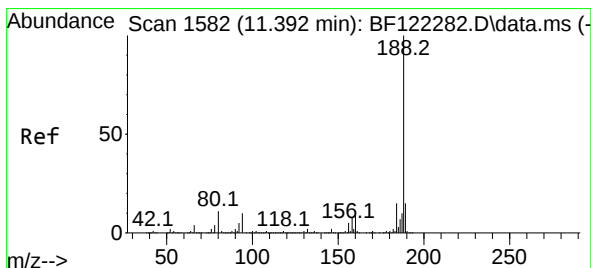
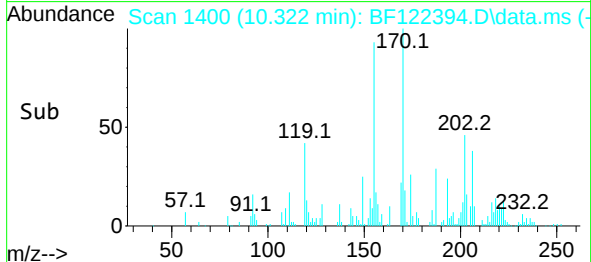
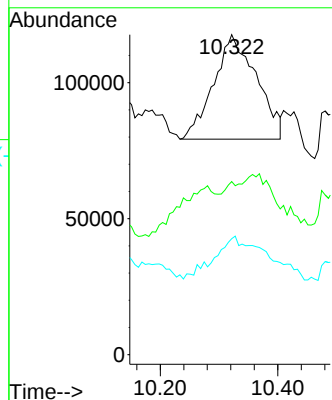
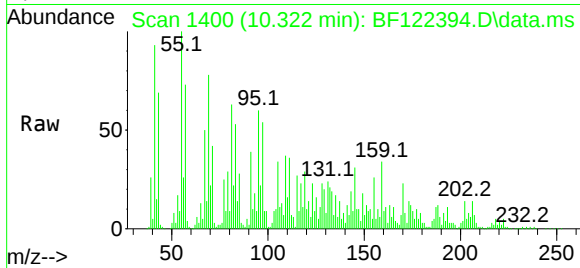
#60
Diethylphthalate
Concen: 13.48 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion:149 Resp: 194846
Ion Ratio Lower Upper
149 100
177 54.1 18.1 27.1#
150 36.3 10.3 15.5#

Instrument :
BNA_F
ClientSampled :
1814

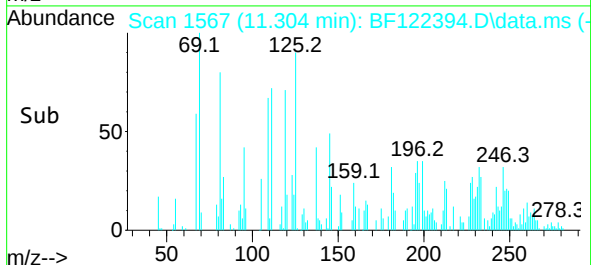
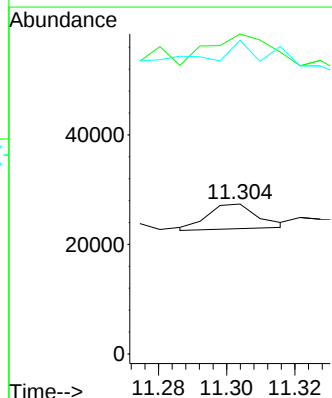
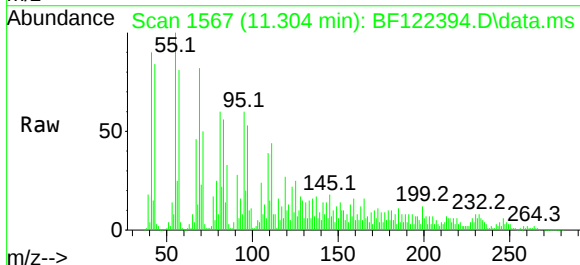
Manual Integrations
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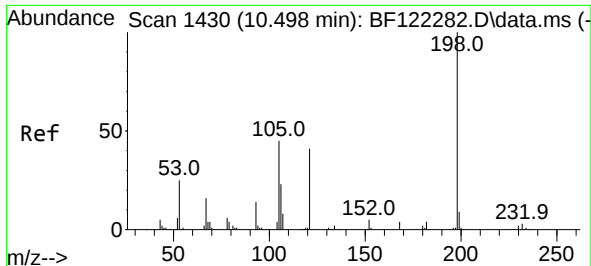
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.088 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion:188 Resp: 4686
Ion Ratio Lower Upper
188 100
94 213.4 8.3 12.5#
80 209.1 9.1 13.7#





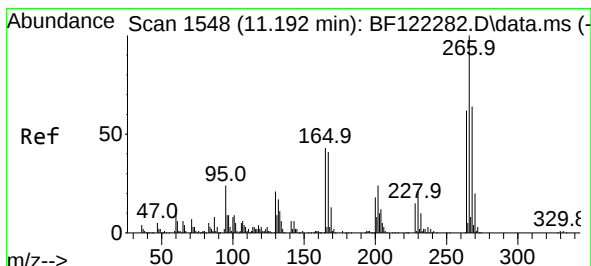
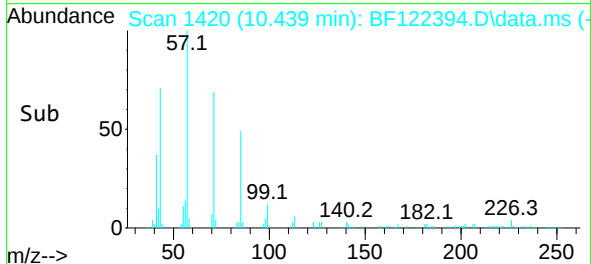
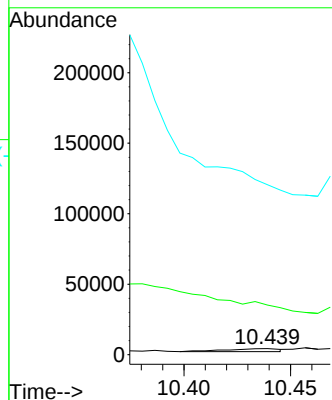
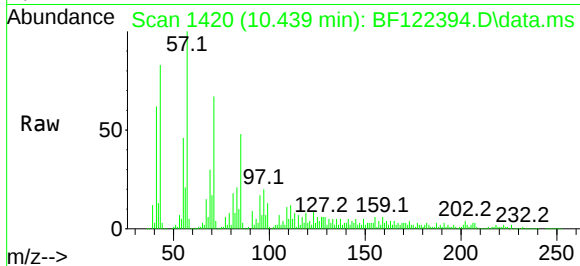
#65
4,6-Dinitro-2-methylphenol
Concen: 115.12 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.059 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion:198 Resp: 3770
Ion Ratio Lower Upper
198 100
51 816.9 29.6 69.6#
105 2801.7 24.4 64.4#

Instrument :
BNA_F
ClientSampled :
1814

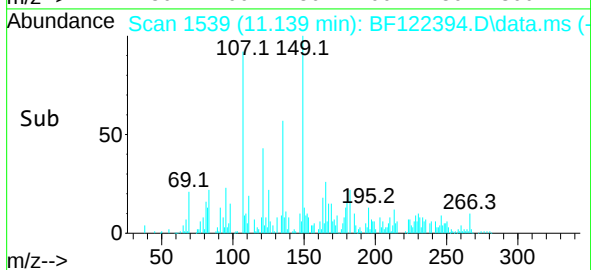
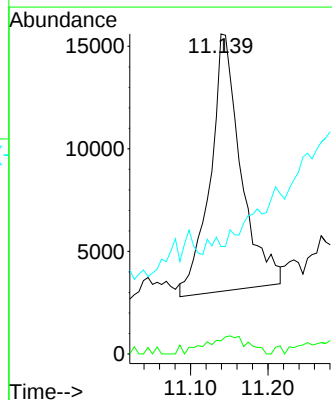
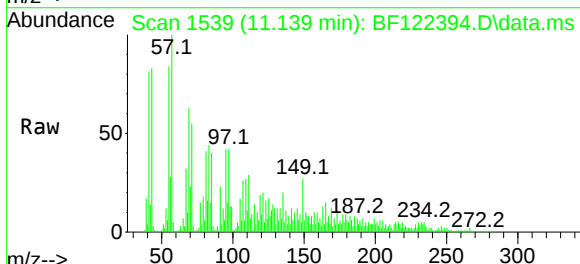
Manual Integrations
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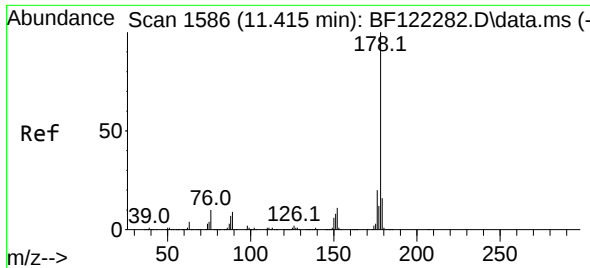
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#70
Pentachlorophenol
Concen: 1010.07 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.053 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion:266 Resp: 34622
Ion Ratio Lower Upper
266 100
268 4.1 52.4 78.6#
264 33.5 49.9 74.9#





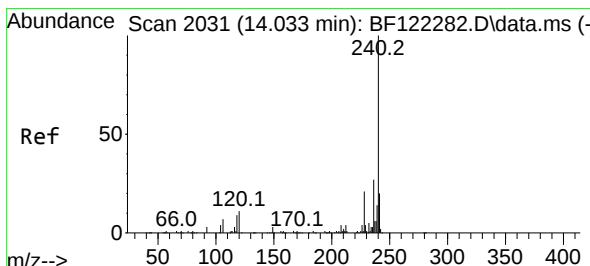
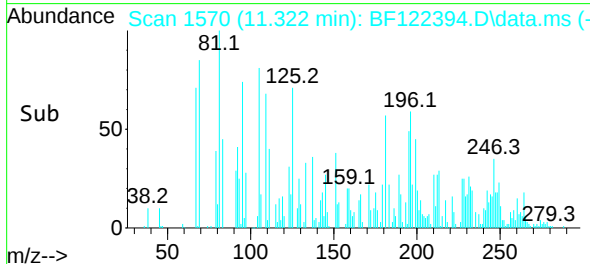
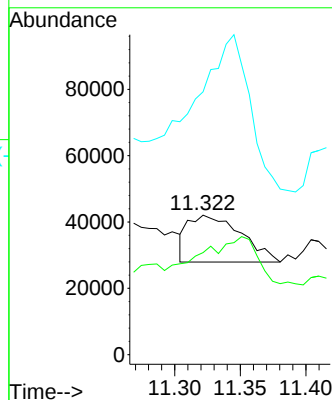
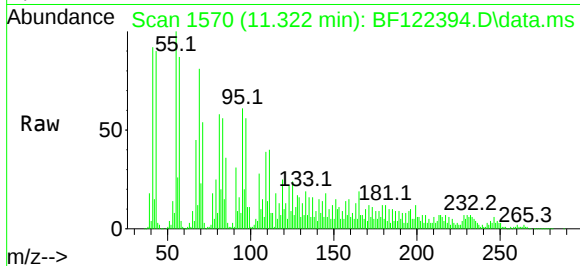
#71
Phenanthrene
Concen: 148.38 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.094 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion:178 Resp: 39451
Ion Ratio Lower Upper
178 100
176 73.2 15.9 23.9#
179 188.4 12.2 18.4#

Instrument :
BNA_F
ClientSampled :
1814

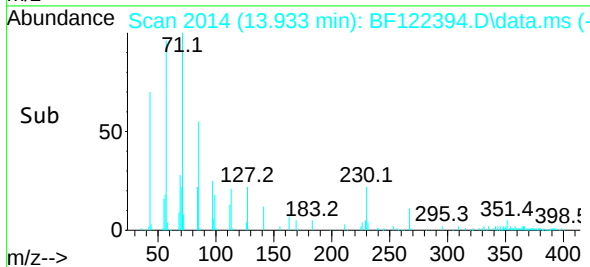
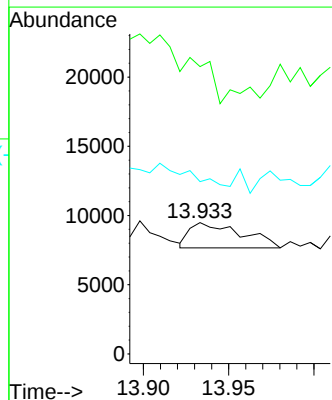
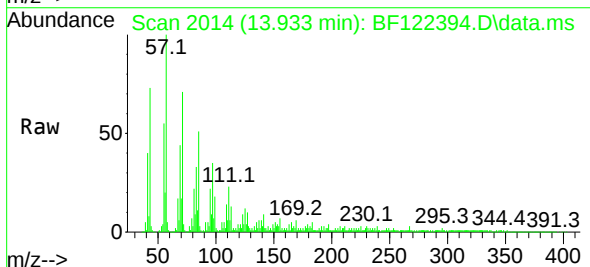
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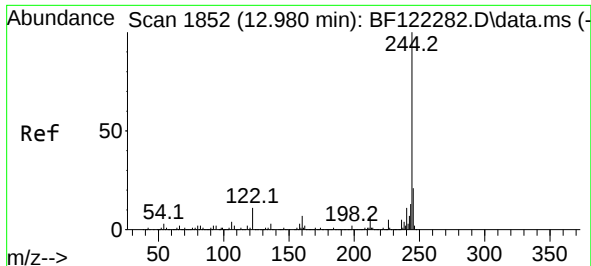
mohammad
11/24/2020 8:54:37 AM



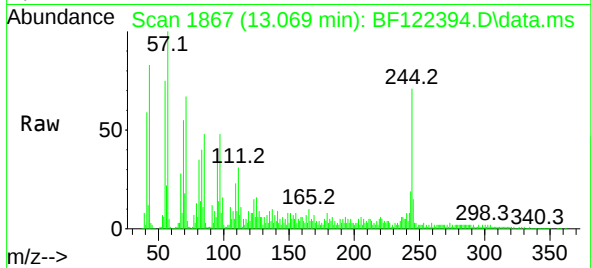
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.100 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

Tgt Ion:240 Resp: 3874
Ion Ratio Lower Upper
240 100
120 218.8 9.2 13.8#
236 131.2 20.9 31.3#

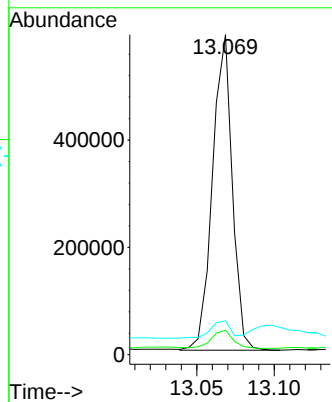
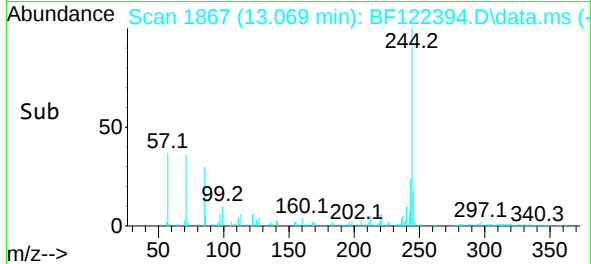




#79
Terphenyl-d14
Concen: 2852.53 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.089 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



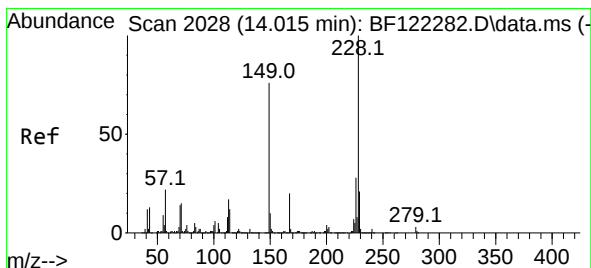
Tgt Ion:244 Resp: 521627
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 10.6 8.1 12.1



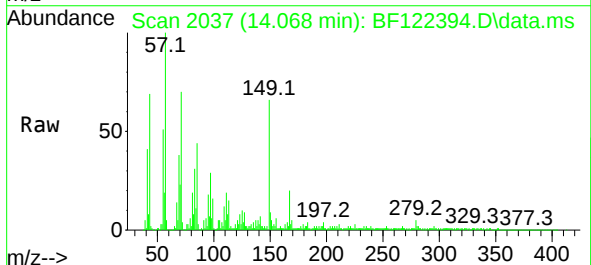
Instrument :
BNA_F
ClientSampled :
1814

Manual Integrations
APPROVED

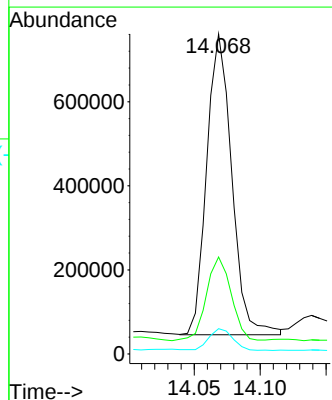
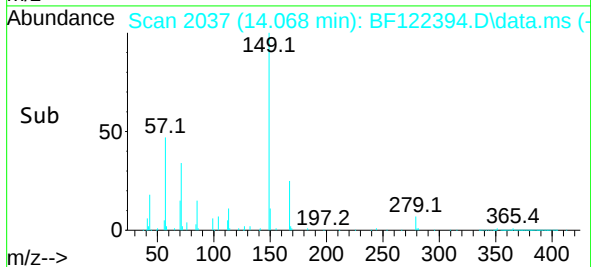
mohammad
11/24/2020 8:54:37 AM

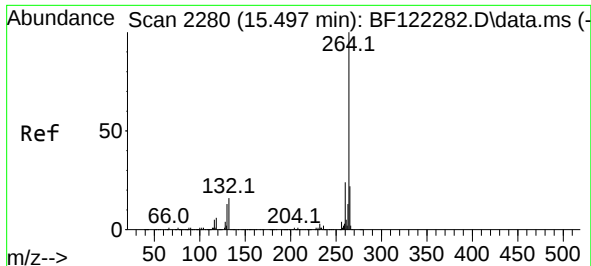


#84
Bis(2-ethylhexyl)phthalate
Concen: 7213.37 ng m
RT: 14.068 min Scan# 2037
Delta R.T. 0.053 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



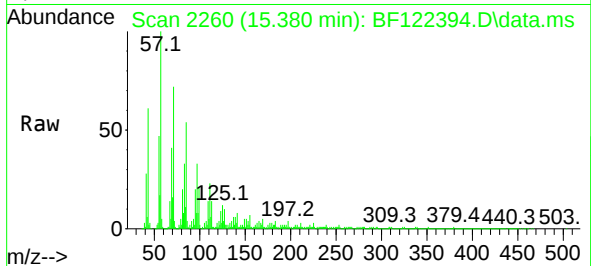
Tgt Ion:149 Resp: 946594
Ion Ratio Lower Upper
149 100
167 30.3 20.9 31.3
279 7.9 3.2 4.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.117 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14

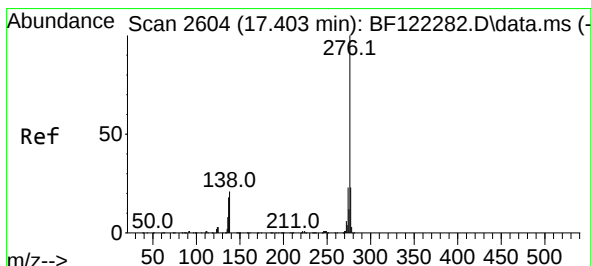
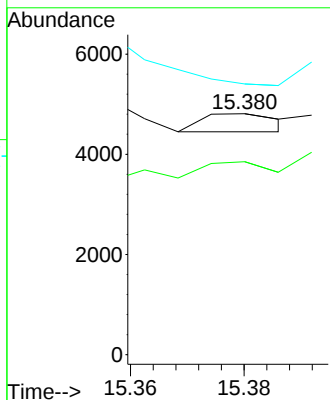
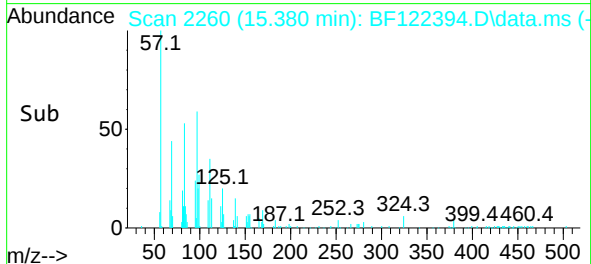
Instrument :
BNA_F
ClientSampled :
1814



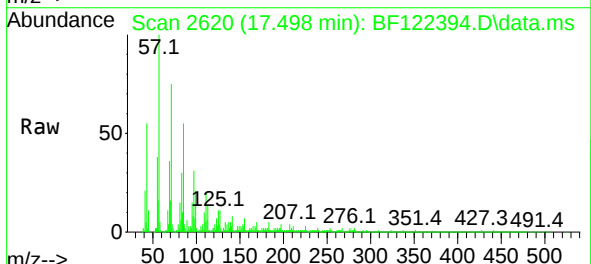
Tgt Ion:264 Resp: 342
Ion Ratio Lower Upper
264 100
260 80.1 18.7 28.1#
265 112.3 17.3 25.9#

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#92
Benzo(g,h,i)perylene
Concen: 833.12 ng m
RT: 17.498 min Scan# 2620
Delta R.T. 0.094 min
Lab File: BF122394.D
Acq: 19 Nov 2020 22:14



Tgt Ion:276 Resp: 13926
Ion Ratio Lower Upper
276 100
277 51.8 19.4 29.2#
138 117.0 17.8 26.6#

