

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124617.D
 Acq On : 19 Jul 2021 17:02
 Operator : JU/CG
 Sample : M3076-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210578-COM-1

Quant Time: Jul 19 17:28:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 11:33:09 2021
 Response via : Initial Calibration

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

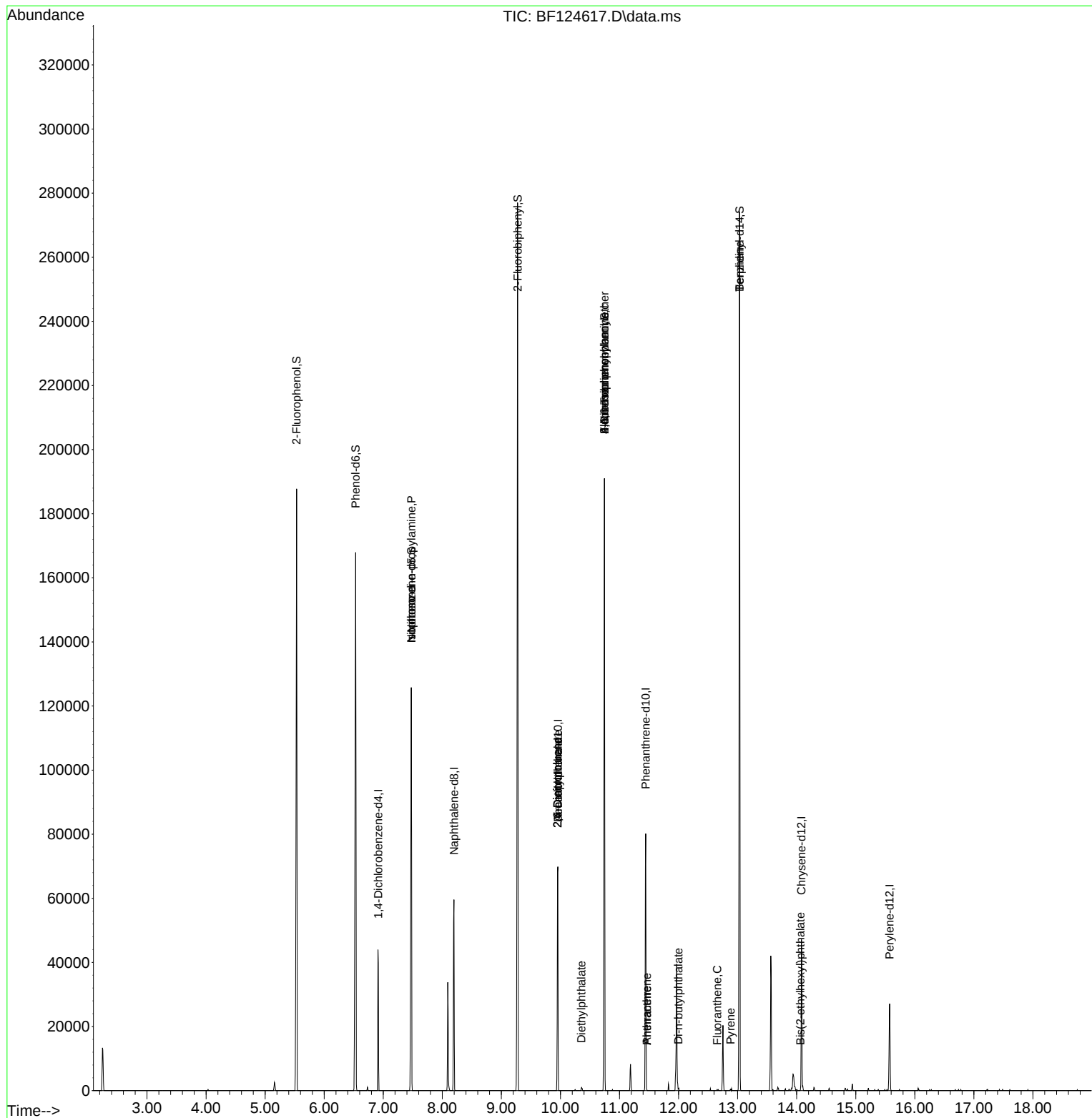
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	7088	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	27665	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	15990	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	30070	20.000	ng	0.00
76) Chrysene-d12	14.080	240	17864	20.000	ng	0.00
86) Perylene-d12	15.574	264	13900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	54066	132.158	ng	0.00
7) Phenol-d6	6.534	99	64350	129.302	ng	-0.01
23) Nitrobenzene-d5	7.475	82	39166	89.371	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	17457	140.294	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	90756	82.767	ng	0.00
79) Terphenyl-d14	13.033	244	90457	85.029	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	5025	17.959	ng	# 75
25) Isophorone	7.475	82	38867	48.312	ng	# 59
50) Dimethylphthalate	9.957	163	2812	2.528	ng	# 1
51) 2,6-Dinitrotoluene	9.951	165	2000	9.119	ng	# 26
57) 2,4-Dinitrotoluene	9.951	165	2000	6.661	ng	# 18
58) Fluorene	10.745	166	904	0.837	ng	# 59
60) Diethylphthalate	10.357	149	1046	0.899	ng	# 60
66) n-Nitrosodiphenylamine	10.745	169	828	0.846	ng	# 43
67) 4-Bromophenyl-phenylether	10.745	248	1398	4.496	ng	# 1
71) Phenanthrene	11.463	178	115	0.070	ng	# 61
72) Anthracene	11.463	178	115	0.070	ng	# 61
74) Di-n-butylphthalate	11.998	149	318	0.155	ng	# 78
75) Fluoranthene	12.657	202	255	0.154	ng	# 66
77) Benzidine	13.033	184	1475	2.209	ng	# 69
78) Pyrene	12.880	202	463	0.312	ng	# 59
84) Bis(2-ethylhexyl)phtha...	14.062	149	116	0.120	ng	# 53

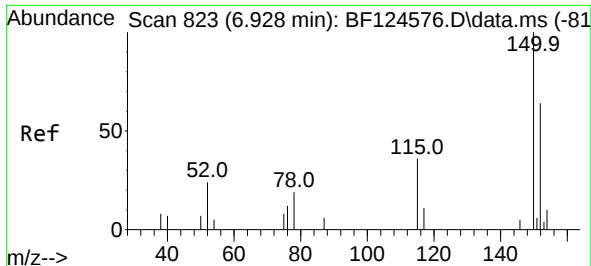
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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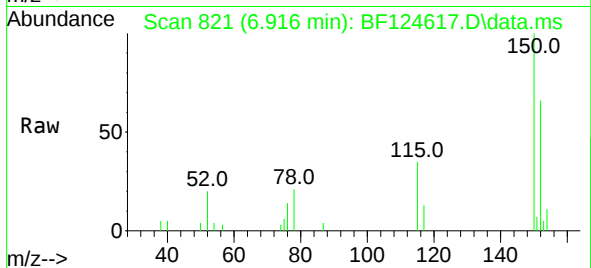
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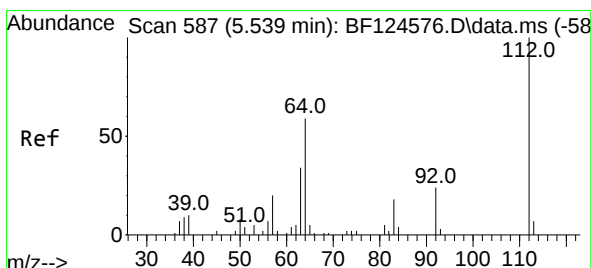
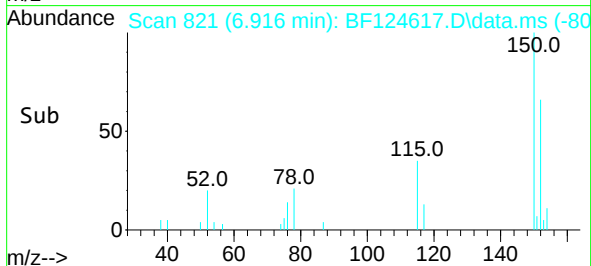
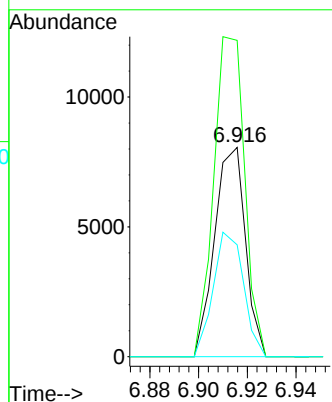


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

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BNA_F
ClientSampleId :
20210578-COM-1

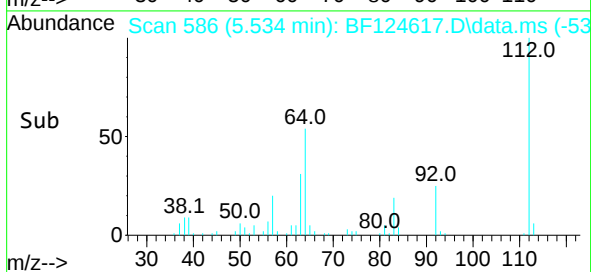
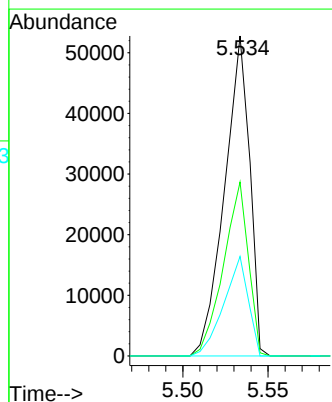
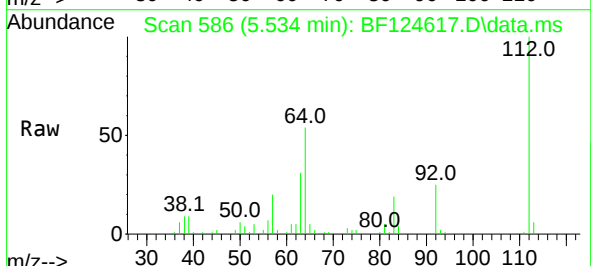


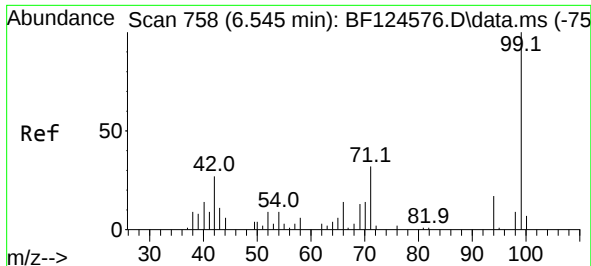
Tgt Ion:152 Resp: 7088
Ion Ratio Lower Upper
152 100
150 151.1 117.6 176.4
115 53.4 47.1 70.7



#5
2-Fluorophenol
Concen: 132.158 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:112 Resp: 54066
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 31.1 26.2 39.2

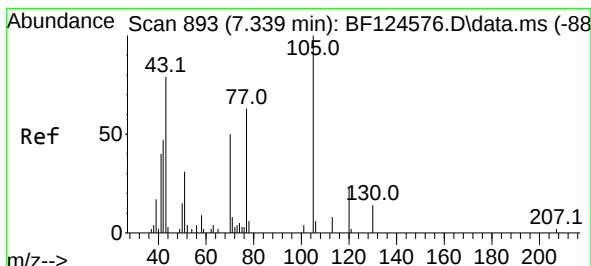
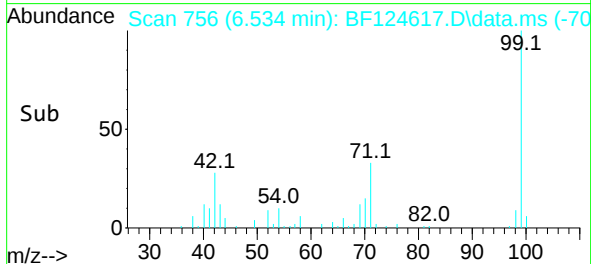
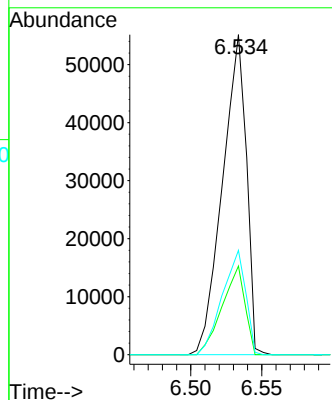
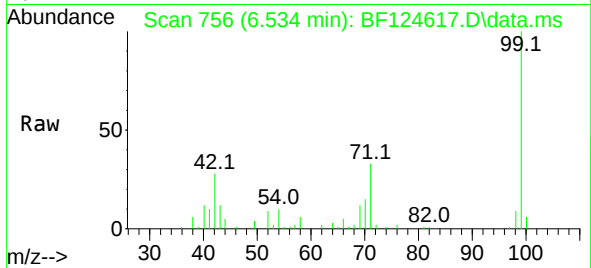




#7
Phenol-d6
Concen: 129.302 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

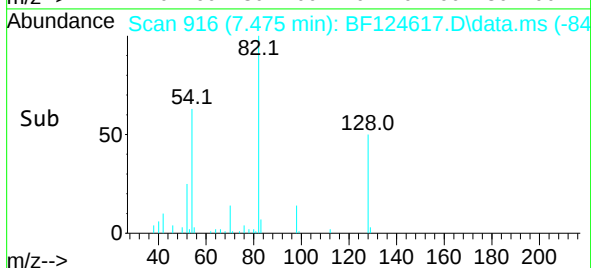
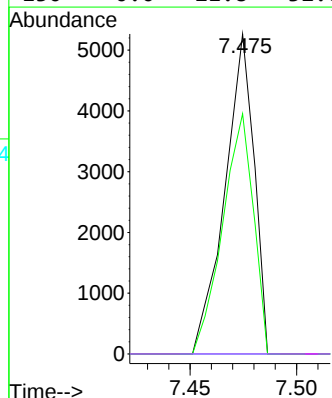
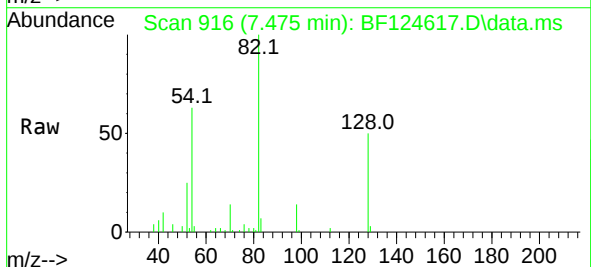
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

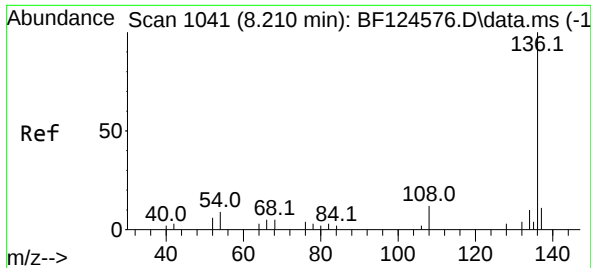
Tgt Ion: 99 Resp: 64350
Ion Ratio Lower Upper
99 100
42 27.7 23.5 35.3
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.959 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion: 70 Resp: 5025
Ion Ratio Lower Upper
70 100
42 75.1 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

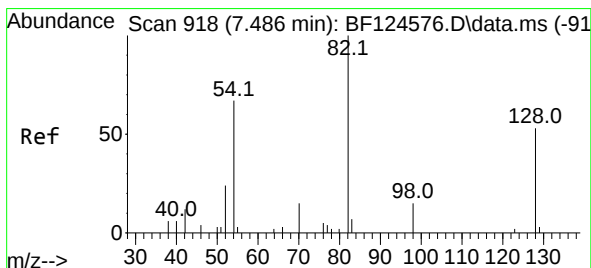
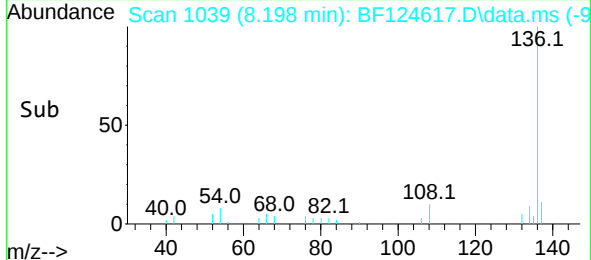
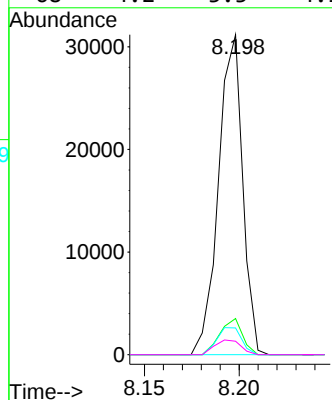
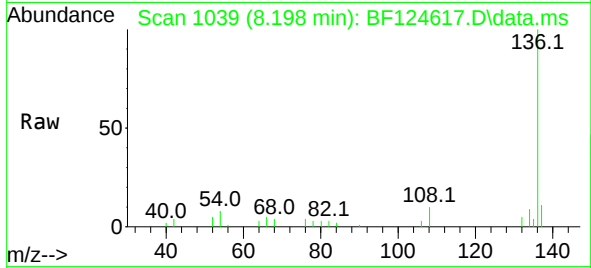




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

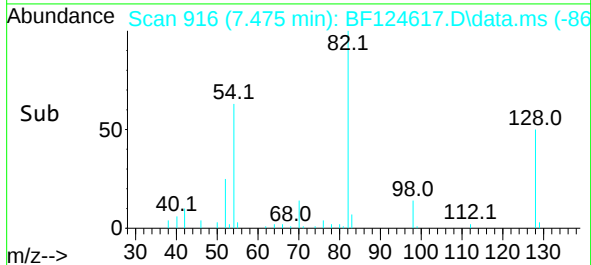
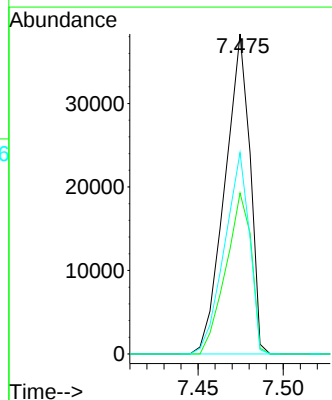
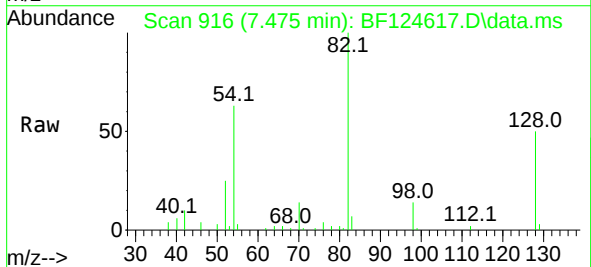
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

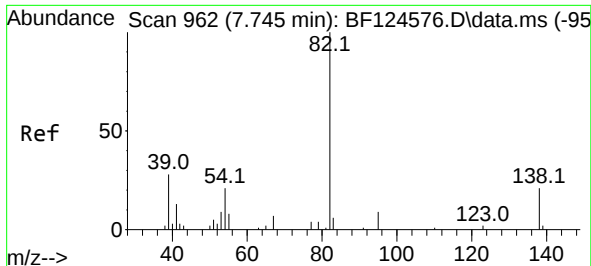
Tgt Ion:136	Resp:	27665
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	8.4	6.4 9.6
68	4.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 89.371 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion: 82	Resp:	39166
Ion Ratio	Lower	Upper
82	100	
128	50.3	40.6 60.8
54	63.0	49.6 74.4

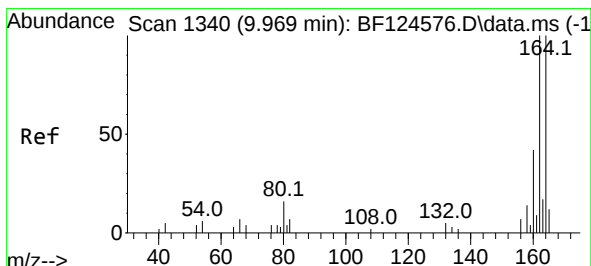
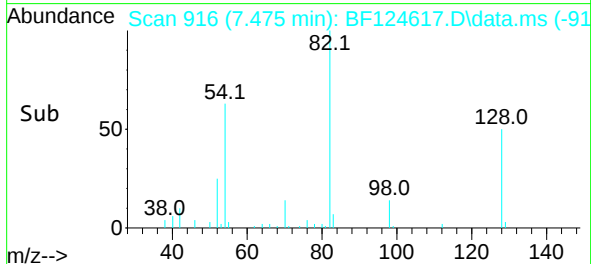
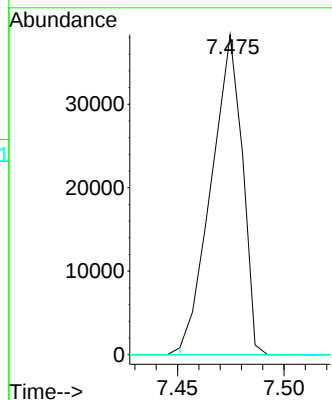
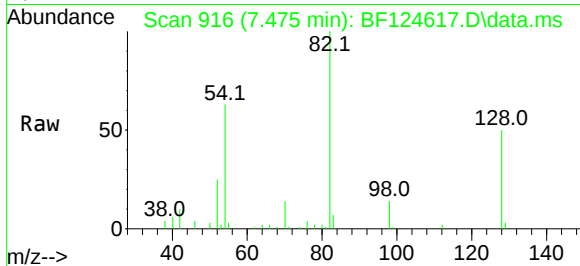




#25
Isophorone
Concen: 48.312 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.271 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

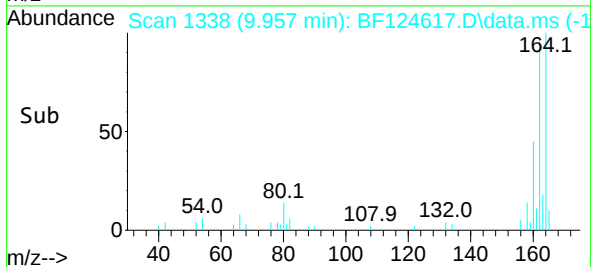
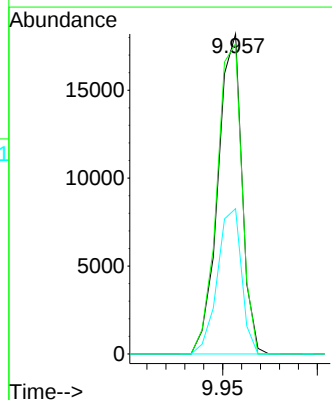
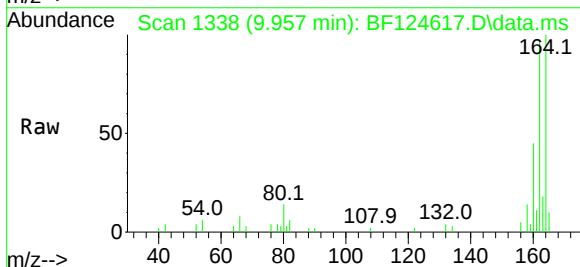
Instrument :
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ClientSampleId :
20210578-COM-1

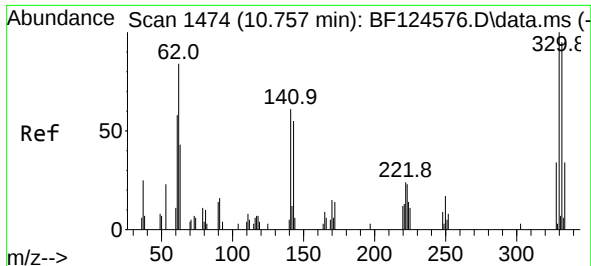
Tgt Ion: 82 Resp: 38867
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

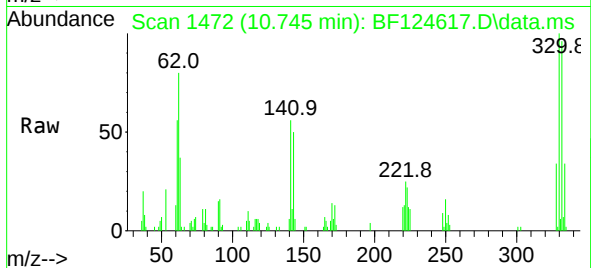
Tgt Ion:164 Resp: 15990
Ion Ratio Lower Upper
164 100
162 97.0 81.3 121.9
160 45.4 38.0 57.0



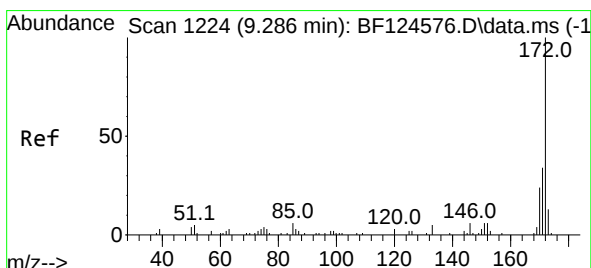
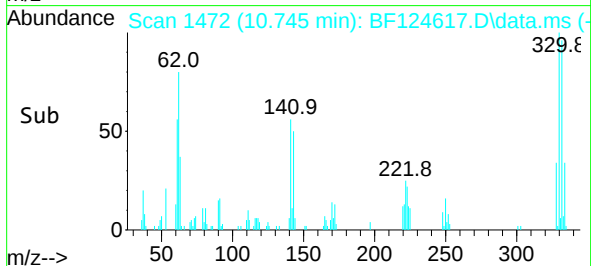
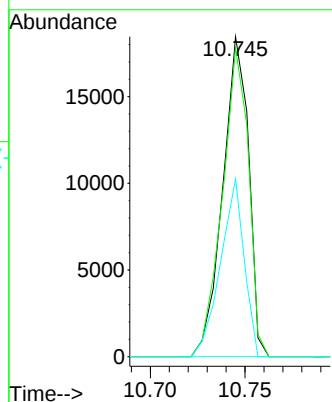


#42
2,4,6-Tribromophenol
Concen: 140.294 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

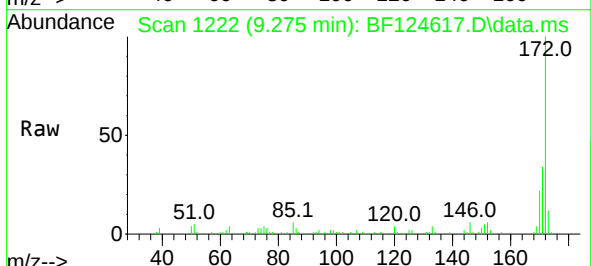
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ClientSampleId :
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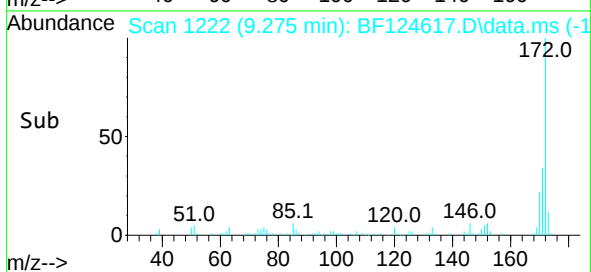
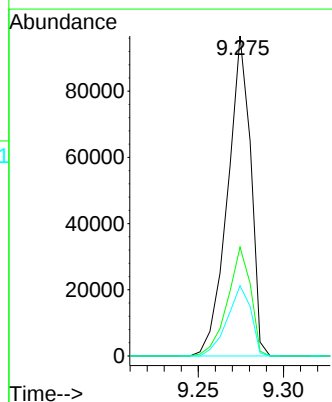
Tgt Ion: 330 Resp: 17457
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 51.1 44.6 66.8

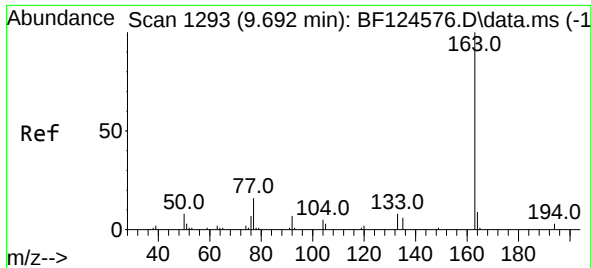


#45
2-Fluorobiphenyl
Concen: 82.767 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02



Tgt Ion: 172 Resp: 90756
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 21.9 18.8 28.2

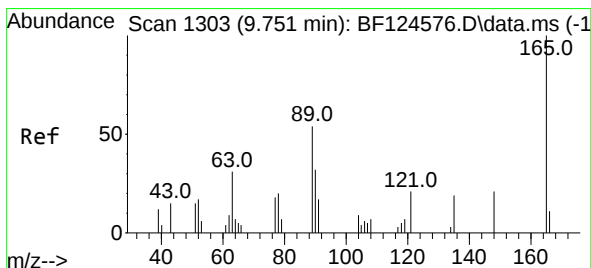
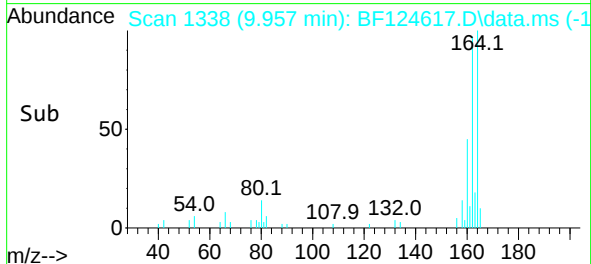
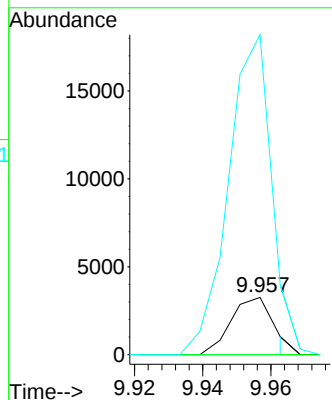
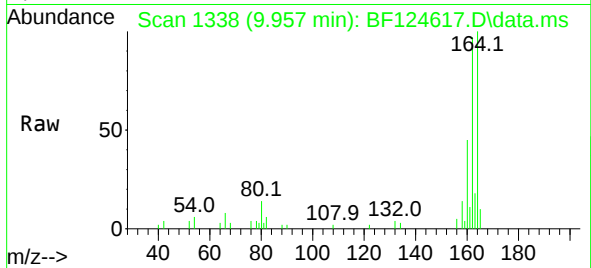




#50
Dimethylphthalate
Concen: 2.528 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.271 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

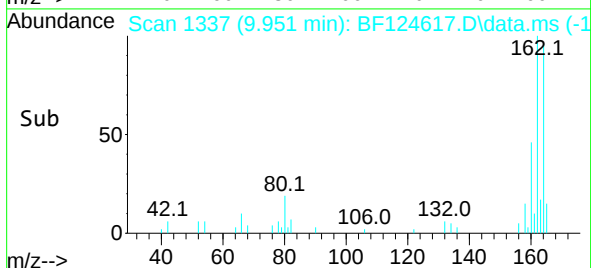
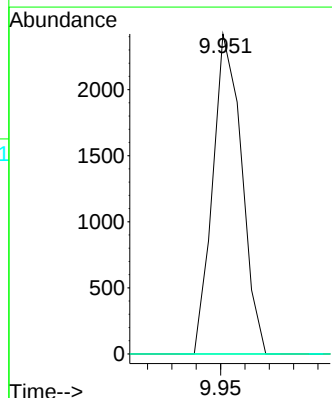
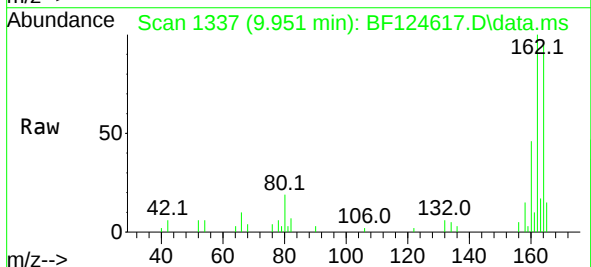
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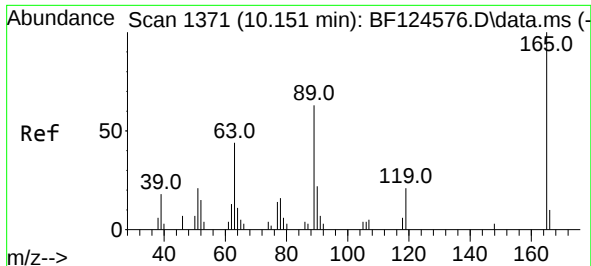
Tgt Ion:163 Resp: 2812
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 558.6 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.119 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.206 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

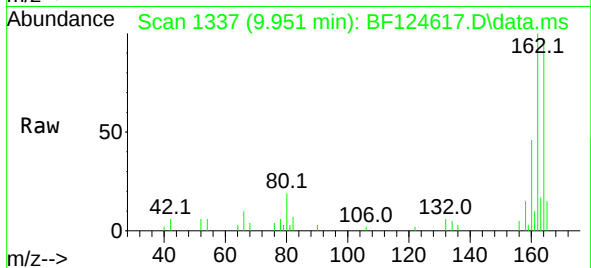
Tgt Ion:165 Resp: 2000
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



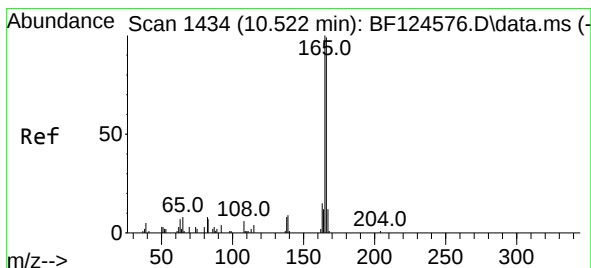
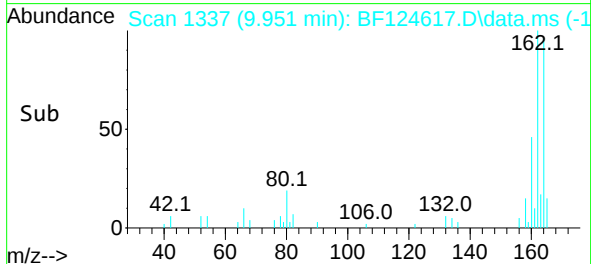
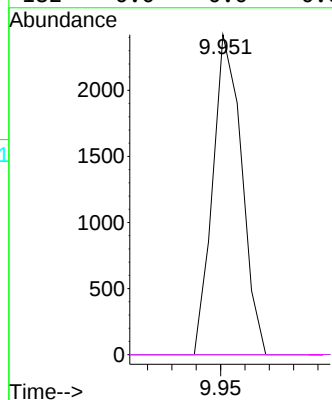


#57
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.194 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

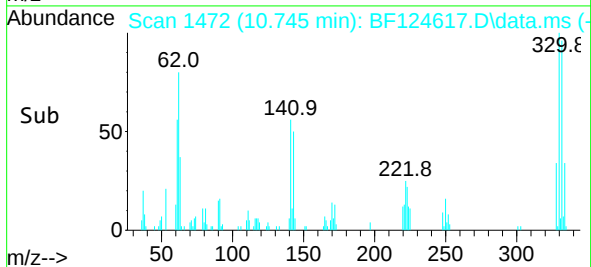
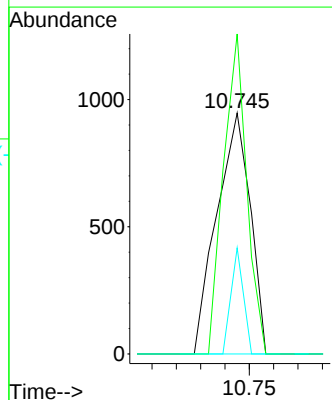
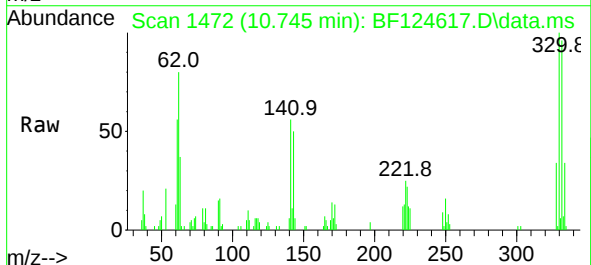


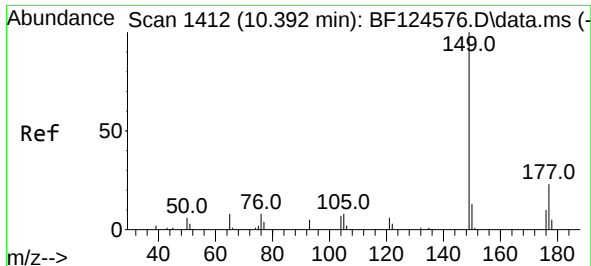
Tgt Ion:	165	Resp:	2000
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.9	61.3#
89	0.0	59.7	89.5#
182	0.0	0.0	0.0



#58
Fluorene
Concen: 0.837 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.235 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:	166	Resp:	904
Ion	Ratio	Lower	Upper
166	100		
165	132.8	78.1	117.1#
167	44.0	11.1	16.7#

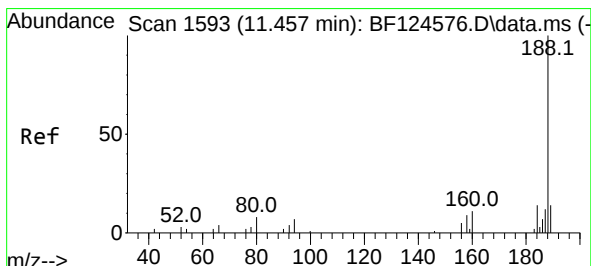
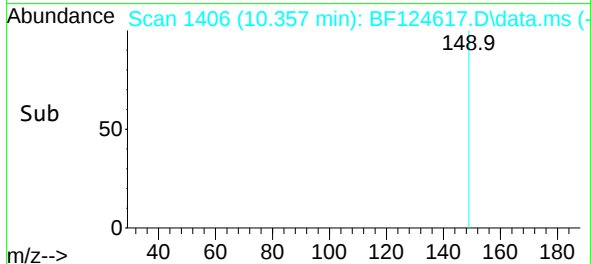
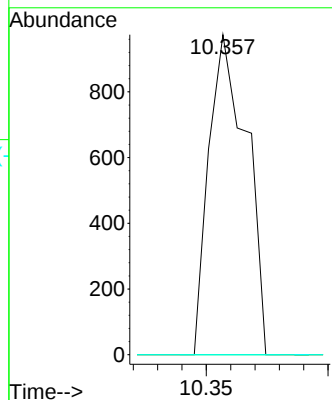
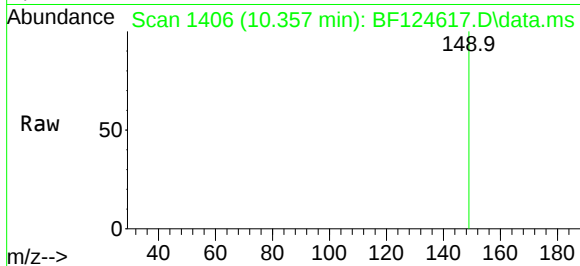




#60
Diethylphthalate
Concen: 0.899 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.024 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

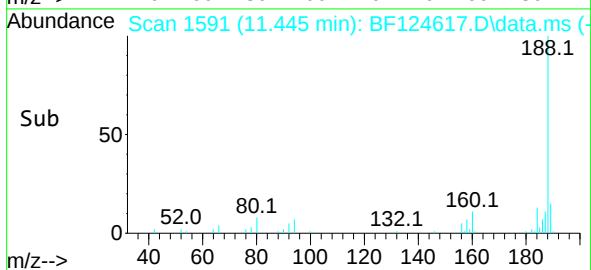
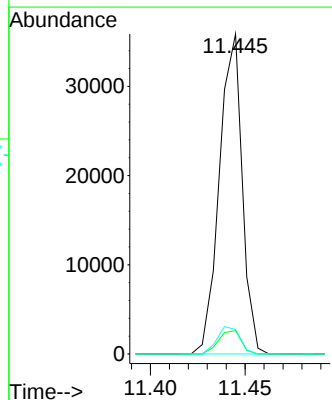
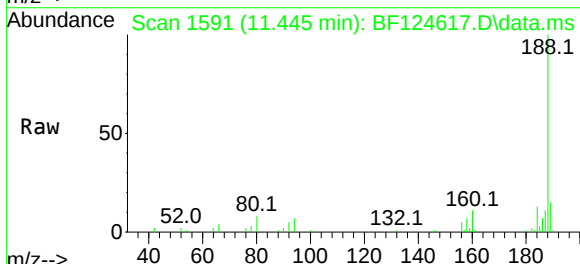
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

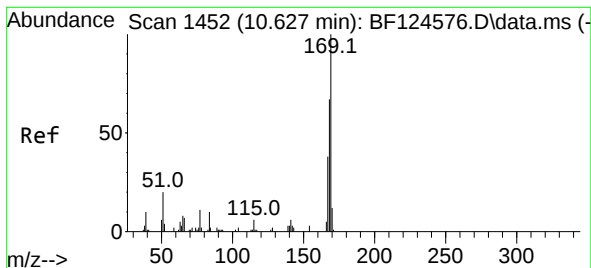
Tgt Ion:149 Resp: 1046
Ion Ratio Lower Upper
149 100
177 0.0 16.5 24.7#
150 0.0 10.1 15.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:188 Resp: 30070
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 7.7 7.5 11.3

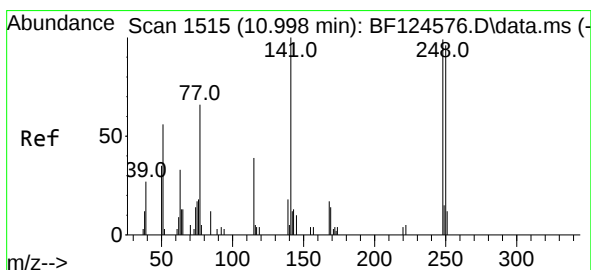
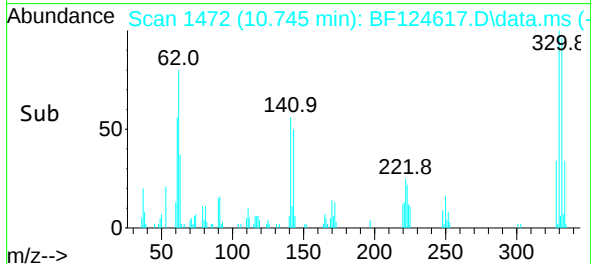
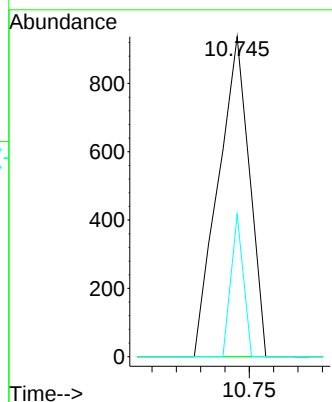
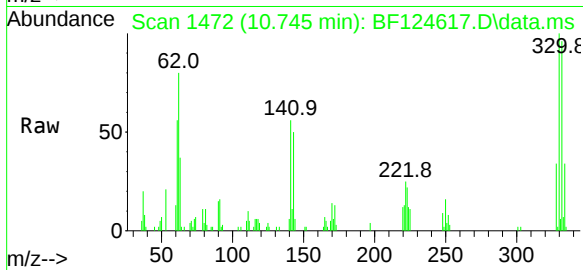




#66
n-Nitrosodiphenylamine
Concen: 0.846 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.124 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

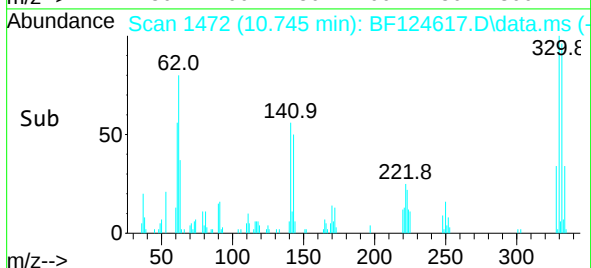
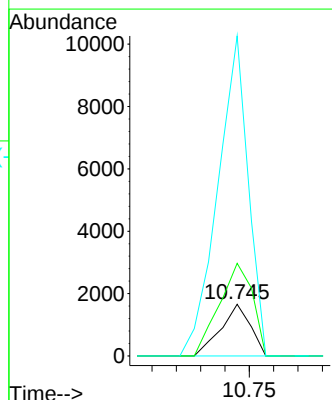
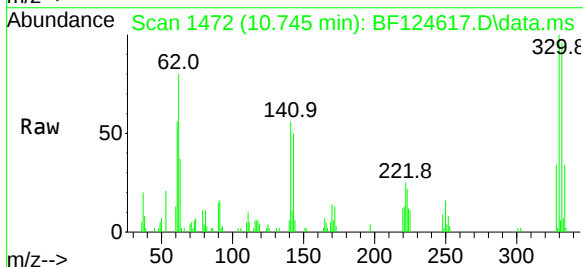
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

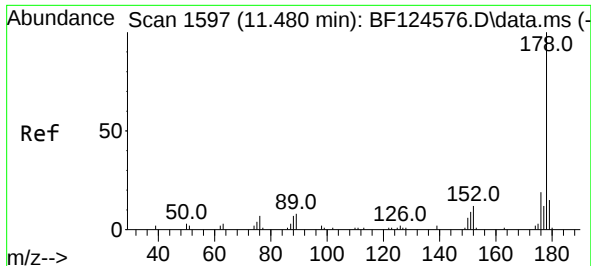
Tgt Ion:169 Resp: 828
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 44.5 28.8 43.2#



#67
4-Bromophenyl-phenylether
Concen: 4.496 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:248 Resp: 1398
Ion Ratio Lower Upper
248 100
250 179.0 74.2 111.4#
141 618.3 60.4 90.6#

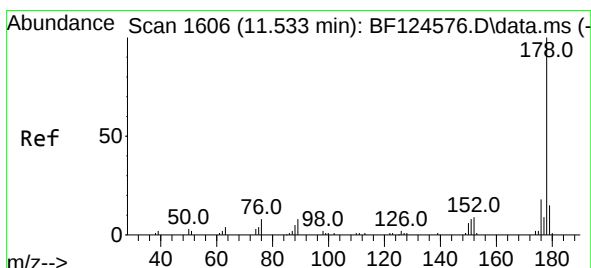
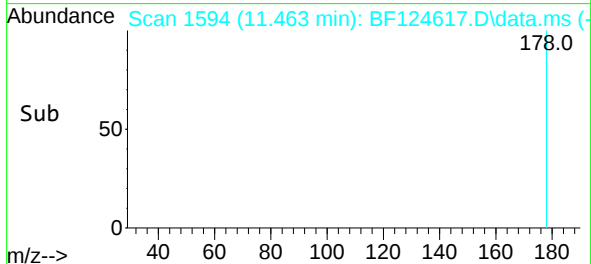
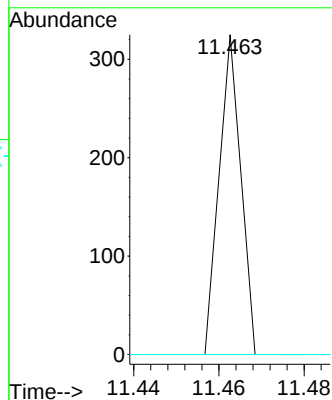
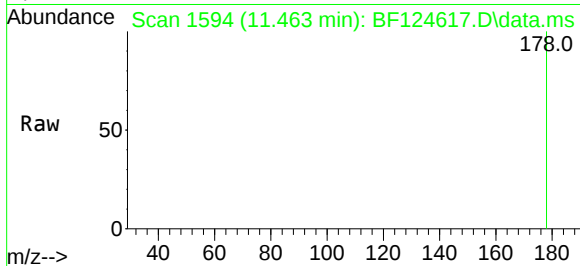




#71
Phenanthrene
Concen: 0.070 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

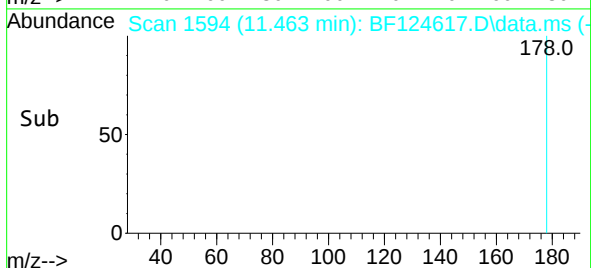
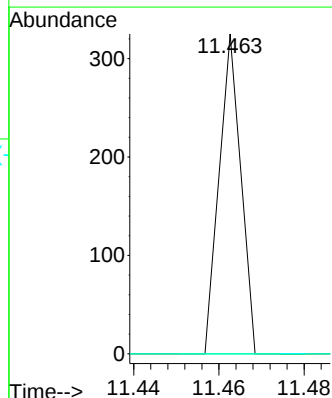
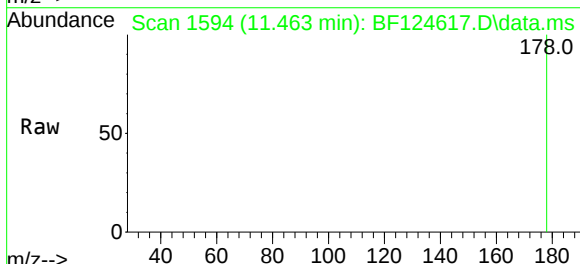
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

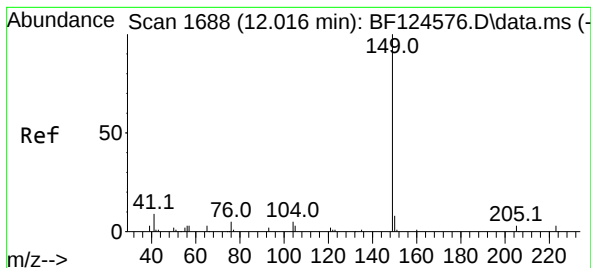
Tgt Ion:178 Resp: 115
Ion Ratio Lower Upper
178 100
176 0.0 14.7 22.1#
179 0.0 11.5 17.3#



#72
Anthracene
Concen: 0.070 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.059 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

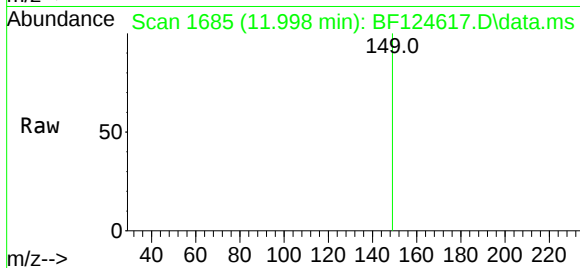
Tgt Ion:178 Resp: 115
Ion Ratio Lower Upper
178 100
176 0.0 14.3 21.5#
179 0.0 12.2 18.4#



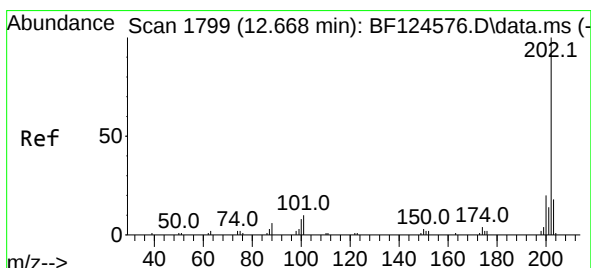
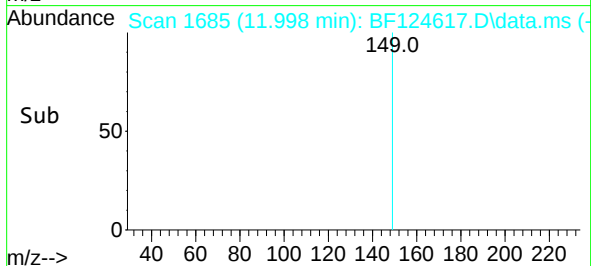
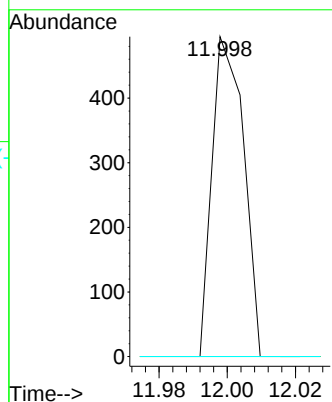


#74
Di-n-butylphthalate
Concen: 0.155 ng
RT: 11.998 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

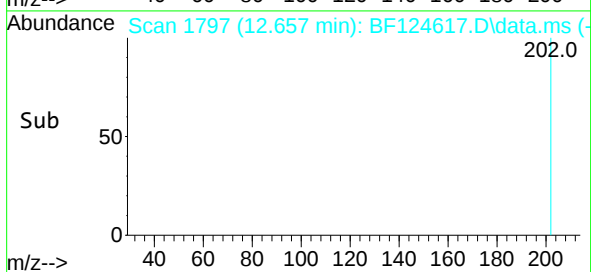
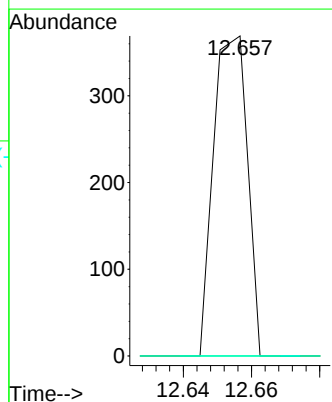
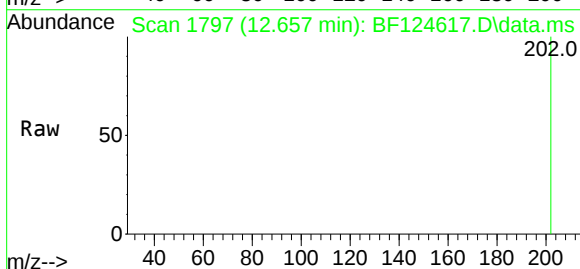


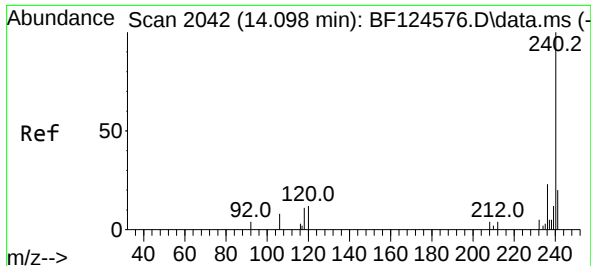
Tgt Ion:149 Resp: 318
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.2#
104 0.0 4.1 6.1#



#75
Fluoranthene
Concen: 0.154 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:202 Resp: 255
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.7
203 0.0 0.0 36.3

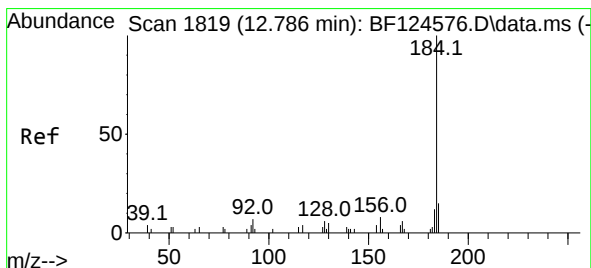
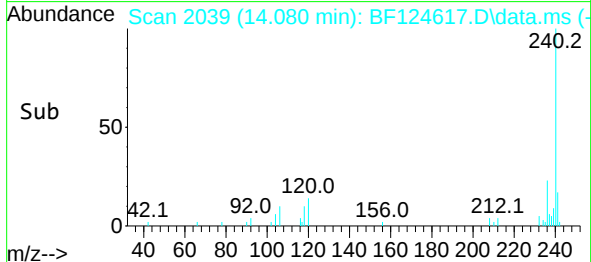
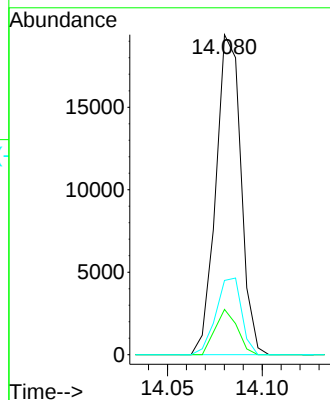
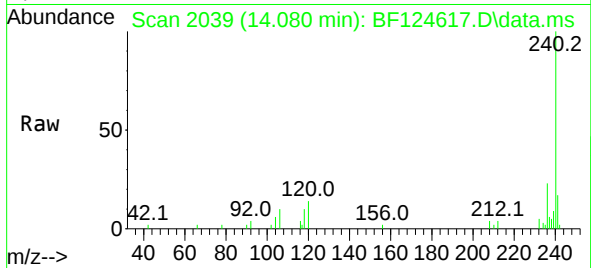




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

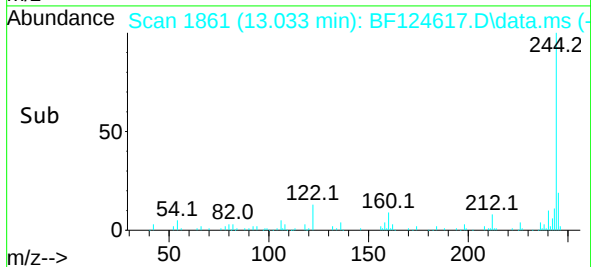
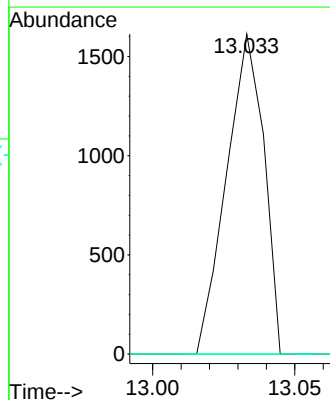
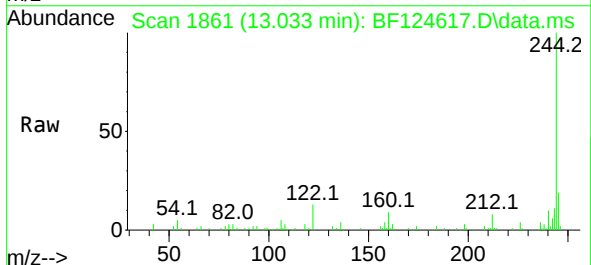
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

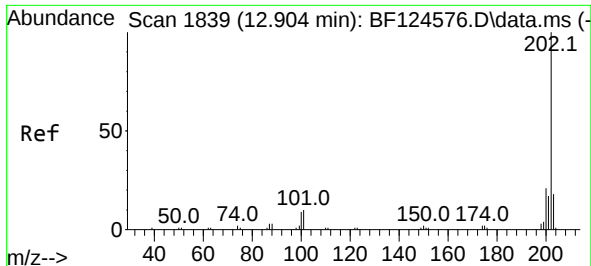
Tgt Ion:240 Resp: 17864
Ion Ratio Lower Upper
240 100
120 14.2 10.8 16.2
236 23.2 21.6 32.4



#77
Benzidine
Concen: 2.209 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.259 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:184 Resp: 1475
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

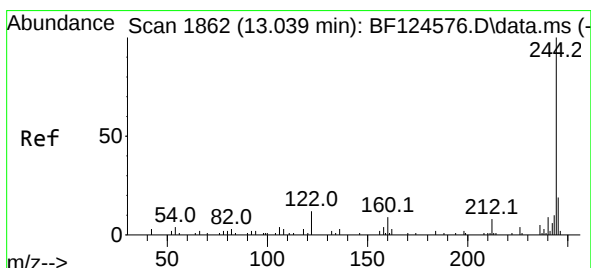
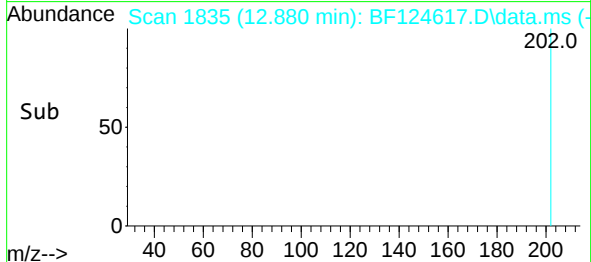
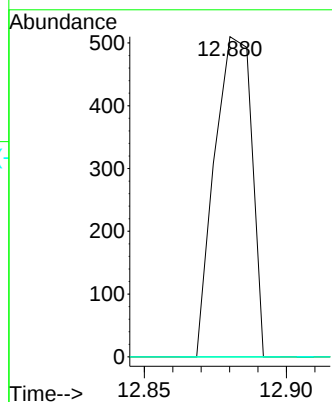
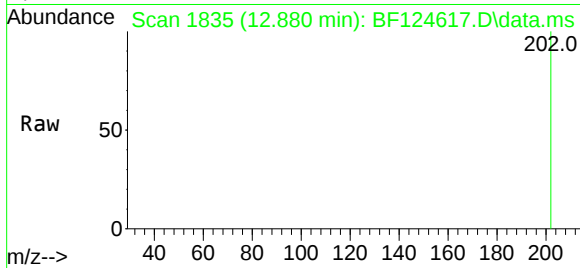




#78
Pyrene
Concen: 0.312 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

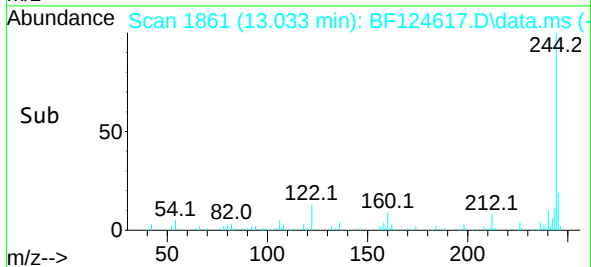
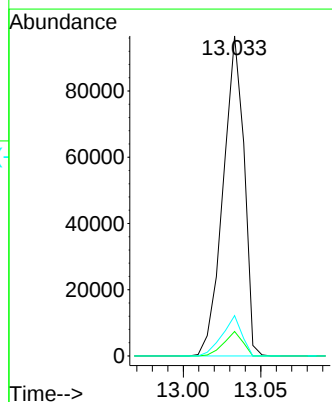
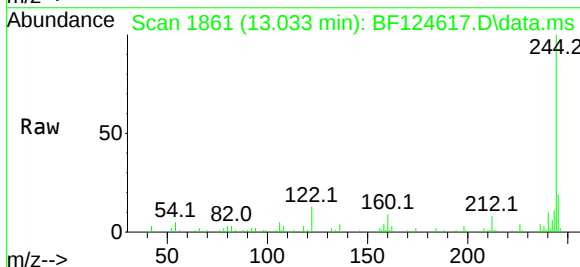
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

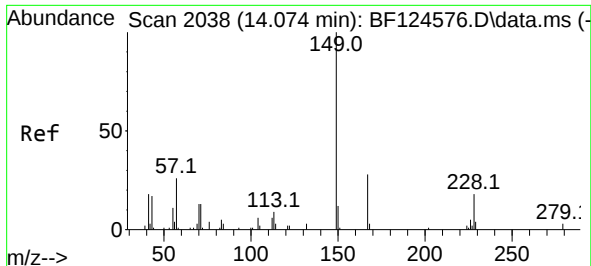
Tgt Ion:202	Resp:	463
Ion Ratio	Lower	Upper
202	100	
200	0.0	15.3 22.9#
203	0.0	13.4 20.0#



#79
Terphenyl-d14
Concen: 85.029 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:244	Resp:	90457
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.9 8.9
122	12.6	9.0 13.4

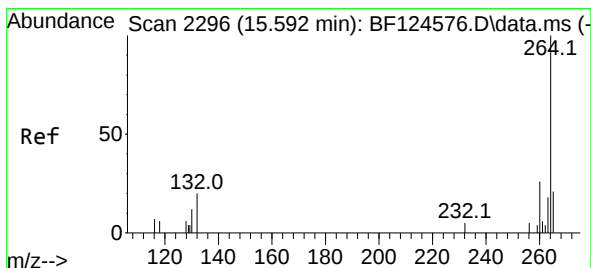
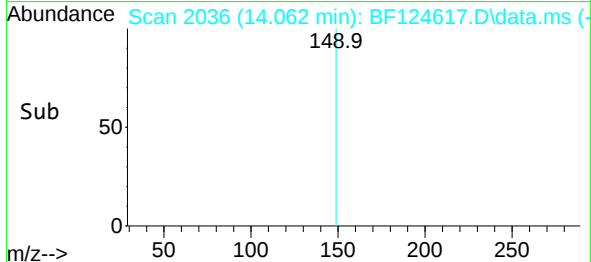
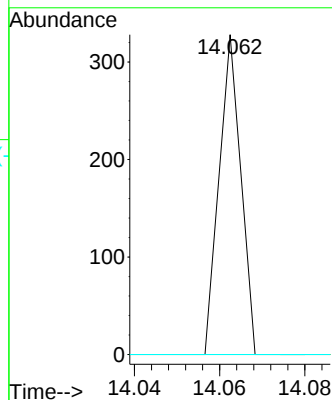
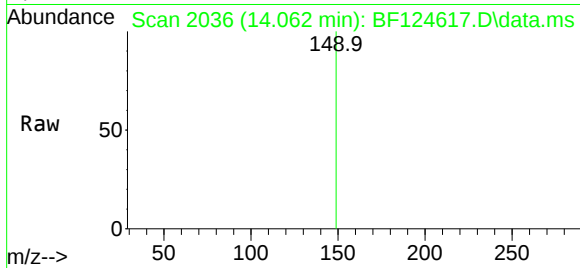




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

Tgt Ion:149 Resp: 116
Ion Ratio Lower Upper
149 100
167 0.0 21.4 32.0#
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF124617.D
Acq: 19 Jul 2021 17:02

Tgt Ion:264 Resp: 13900
Ion Ratio Lower Upper
264 100
260 25.8 19.6 29.4
265 22.5 17.2 25.8

