

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124907.D
 Acq On : 2 Aug 2021 14:43
 Operator : JU/CG
 Sample : M3241-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210592-AMENDED-COM-6

Quant Time: Aug 02 15:46:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

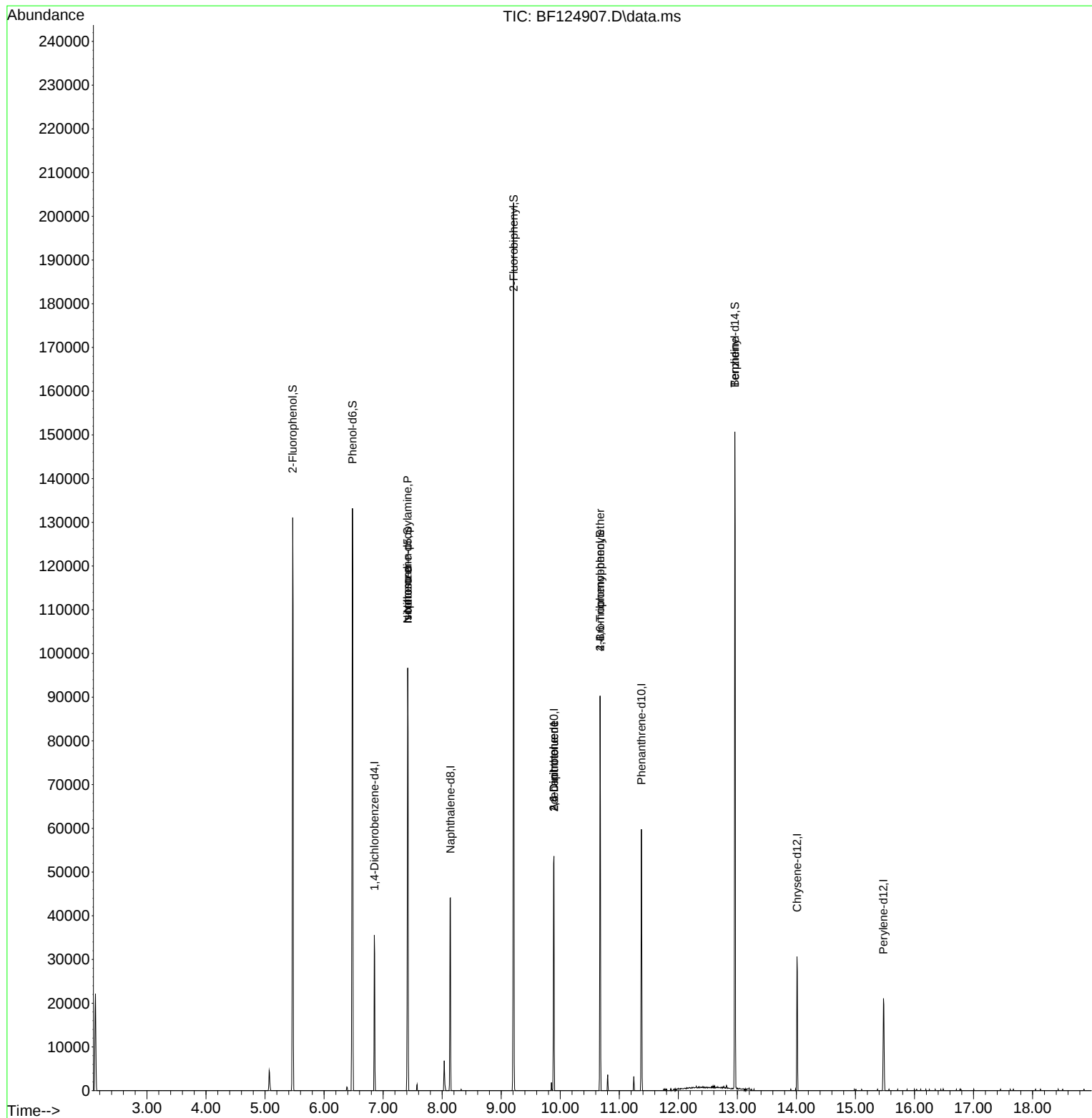
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5615	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	20877	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	12103	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	20670	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	12312	20.000	ng	#-0.01
86) Perylene-d12	15.474	264	11319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	35903	108.263	ng	0.00
7) Phenol-d6	6.481	99	47589	114.466	ng	0.00
23) Nitrobenzene-d5	7.416	82	30728	87.602	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	8512	81.912	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	56797	68.925	ng	0.00
79) Terphenyl-d14	12.957	244	50444	70.231	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	4205	18.941	ng	# 65
25) Isophorone	7.416	82	30727	49.541	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	1360	7.387	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	1360	5.443	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	661	3.015	ng	# 1
77) Benzidine	12.957	184	859	2.474	ng	# 69

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

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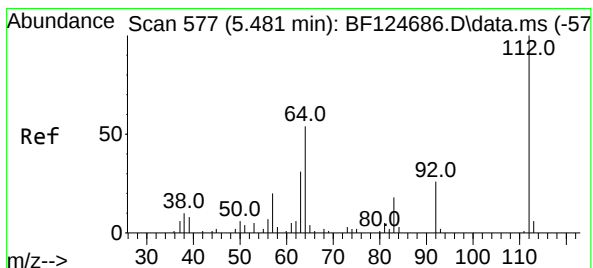
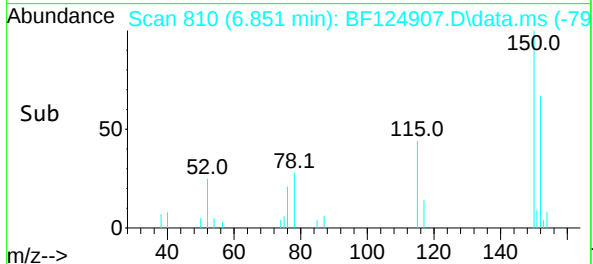
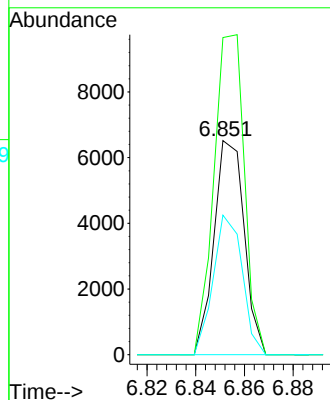
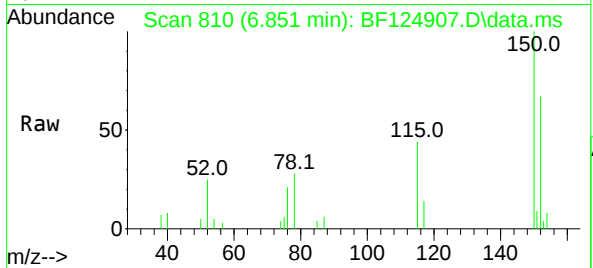




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

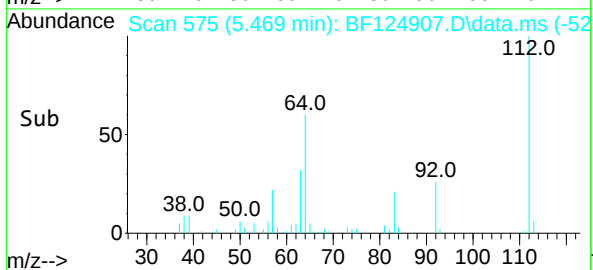
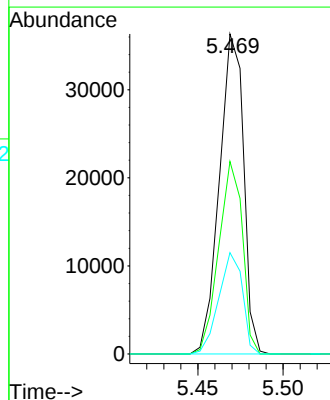
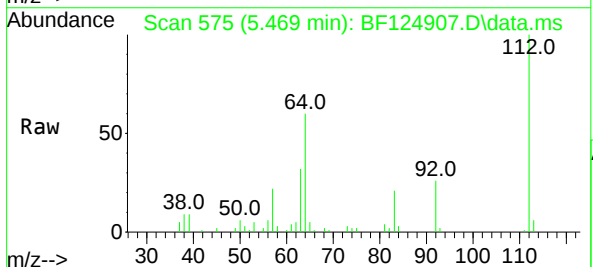
Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

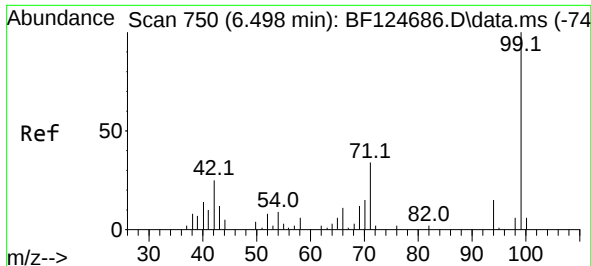
Tgt Ion:152 Resp: 5615
Ion Ratio Lower Upper
152 100
150 148.2 117.6 176.4
115 65.2 47.1 70.7



#5
2-Fluorophenol
Concen: 108.263 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:112 Resp: 35903
Ion Ratio Lower Upper
112 100
64 60.2 44.2 66.2
63 31.6 26.2 39.2

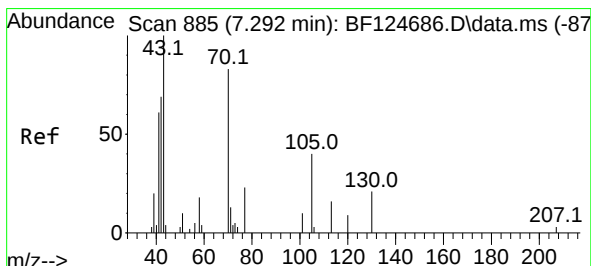
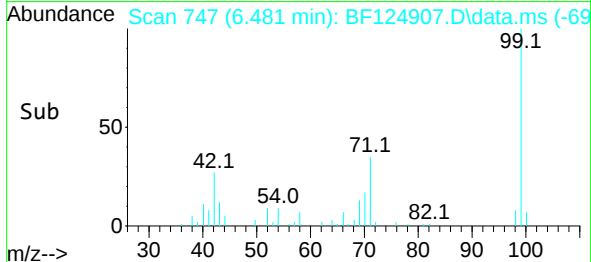
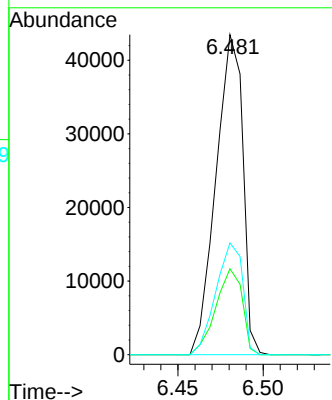
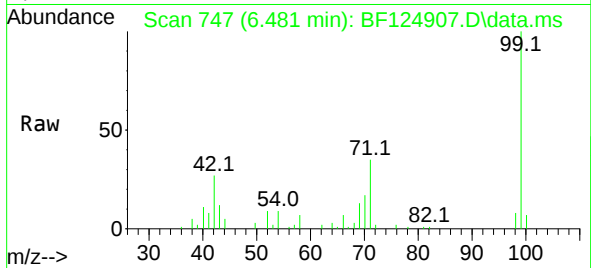




#7
Phenol-d6
Concen: 114.466 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

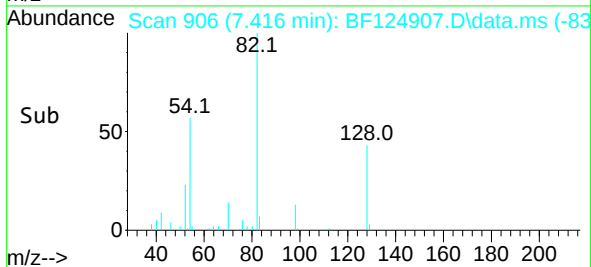
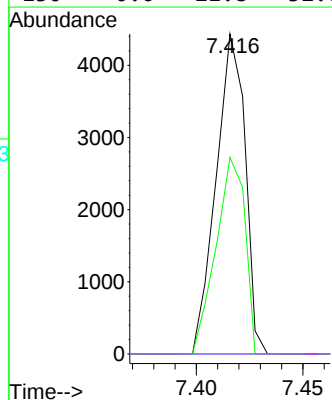
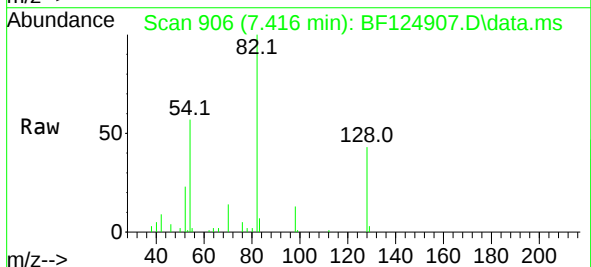
Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

Tgt Ion: 99 Resp: 47589
Ion Ratio Lower Upper
99 100
42 26.9 23.5 35.3
71 34.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.941 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion: 70 Resp: 4205
Ion Ratio Lower Upper
70 100
42 61.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

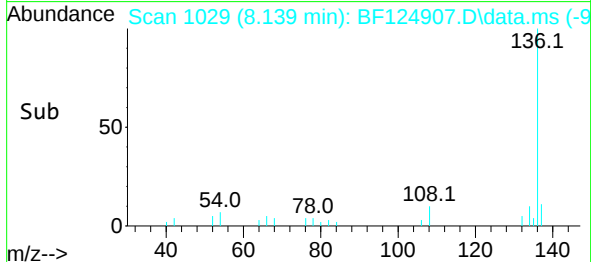
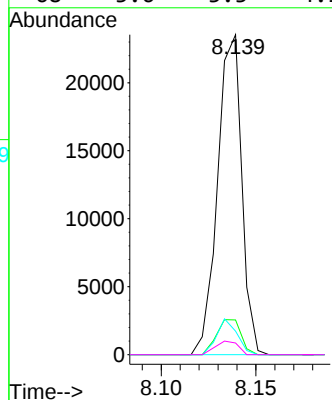
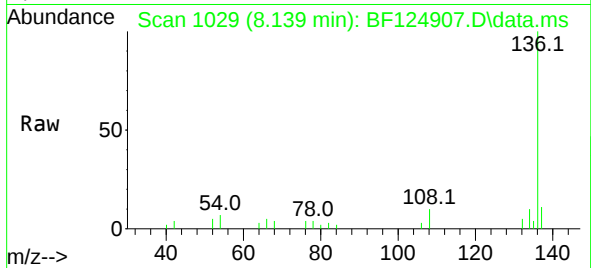




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

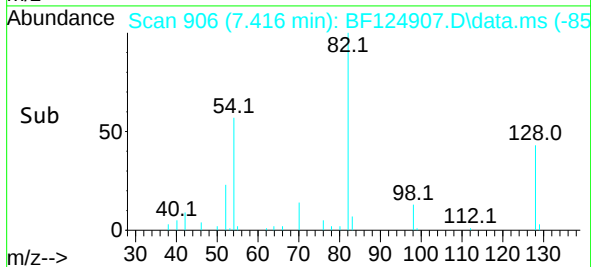
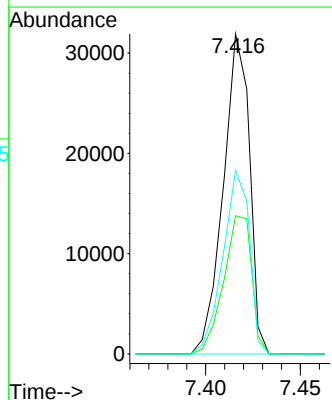
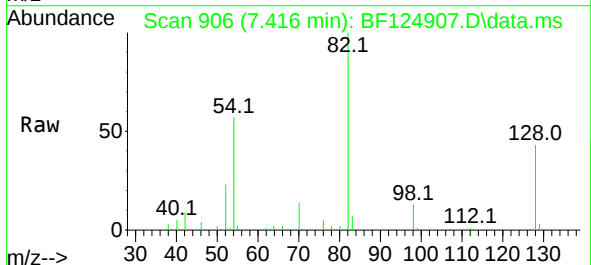
Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

Tgt Ion:	136	Resp:	20877
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	7.4	6.4	9.6
68	3.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 87.602 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:	82	Resp:	30728
Ion Ratio	Lower	Upper	
82	100		
128	43.2	40.6	60.8
54	57.3	49.6	74.4

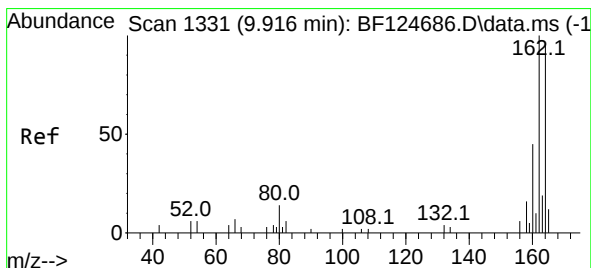
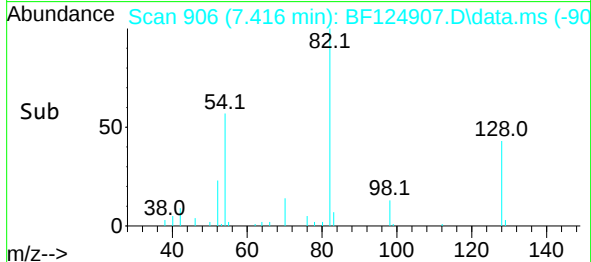
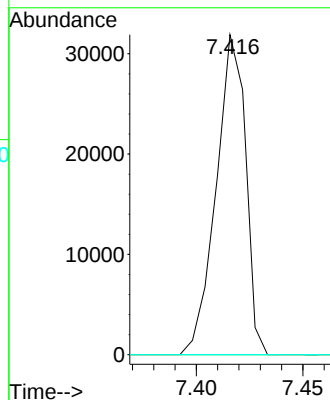
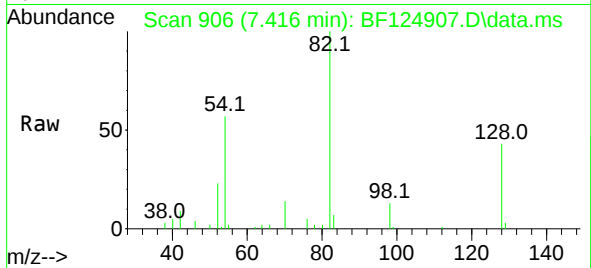




#25
Isophorone
Concen: 49.541 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

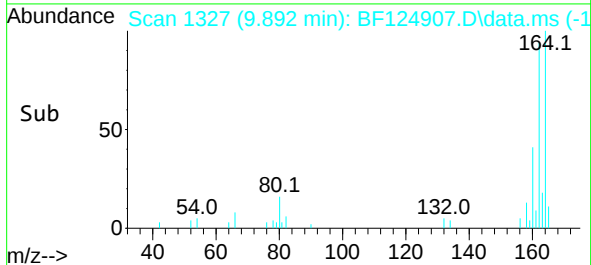
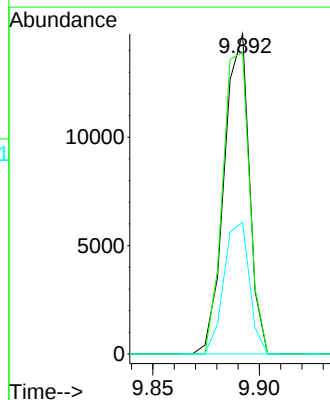
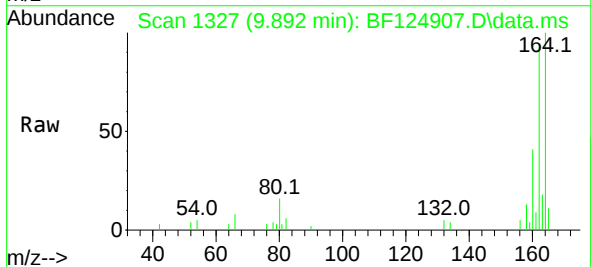
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ClientSampleId :
20210592-AMENDED-COM-6

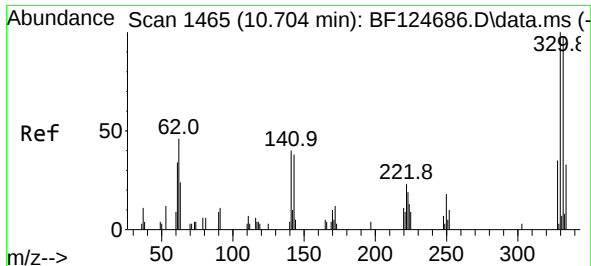
Tgt Ion: 82 Resp: 30727
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

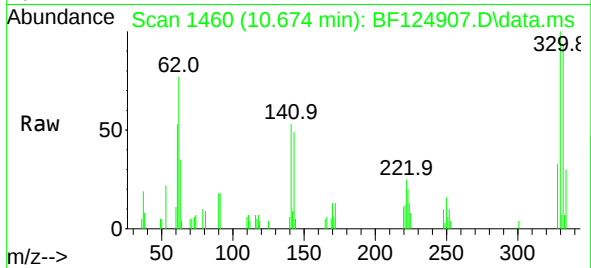
Tgt Ion: 164 Resp: 12103
Ion Ratio Lower Upper
164 100
162 94.3 81.3 121.9
160 41.2 38.0 57.0



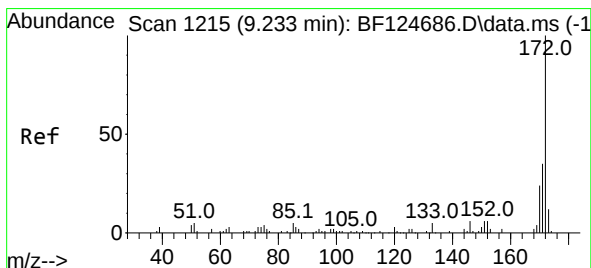
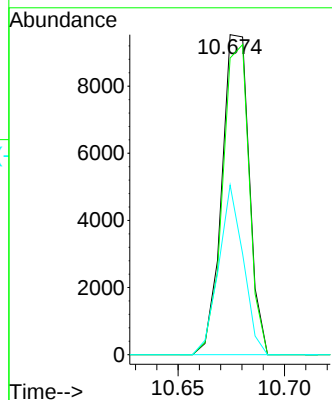
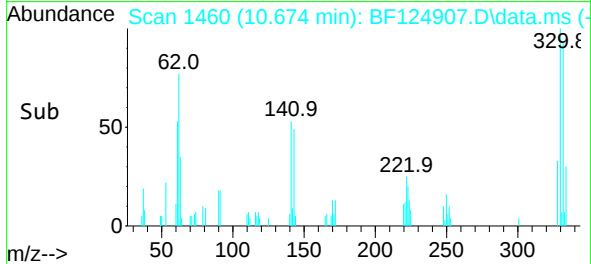


#42
2,4,6-Tribromophenol
Concen: 81.912 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

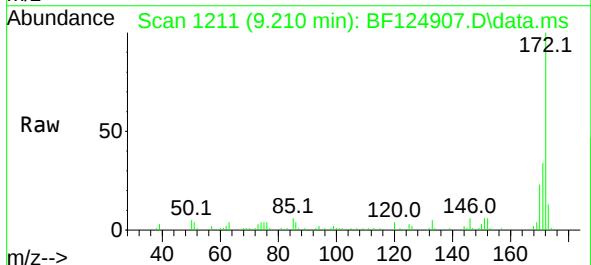
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ClientSampleId :
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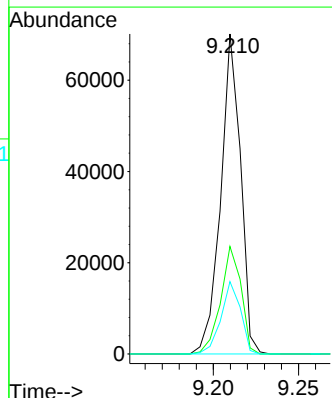
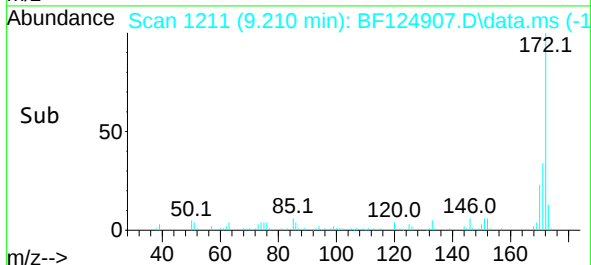
Tgt Ion: 330 Resp: 8512
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 47.5 44.6 66.8

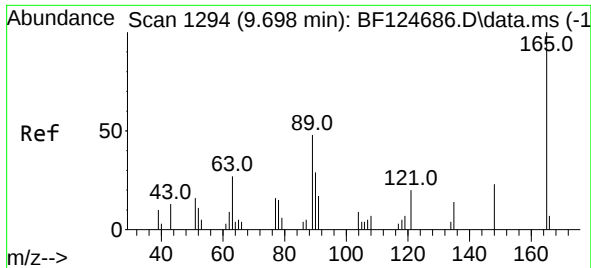


#45
2-Fluorobiphenyl
Concen: 68.925 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43



Tgt Ion: 172 Resp: 56797
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 22.6 18.8 28.2

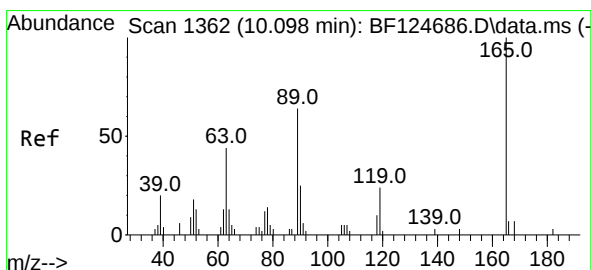
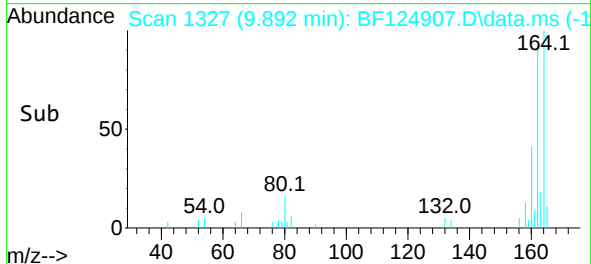
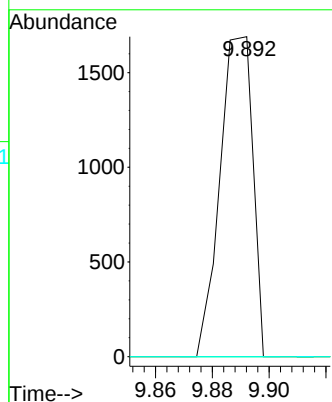
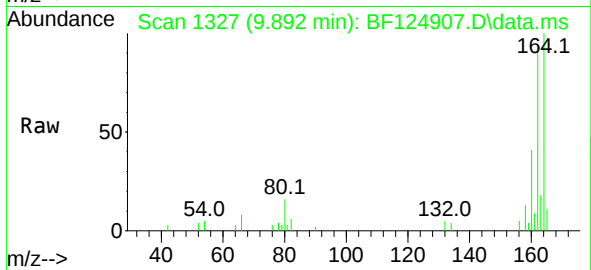




#51
2,6-Dinitrotoluene
Concen: 7.387 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

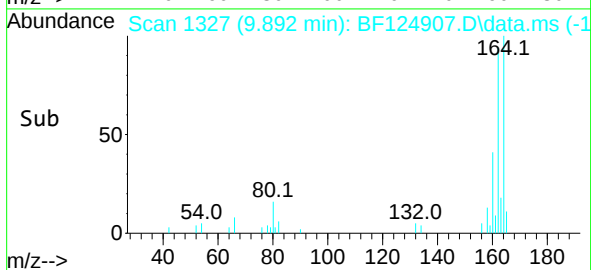
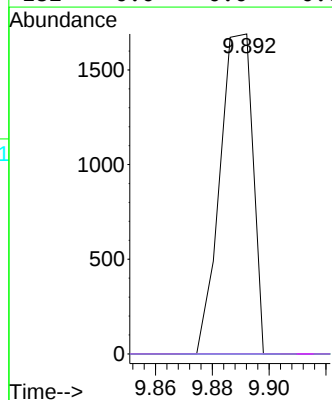
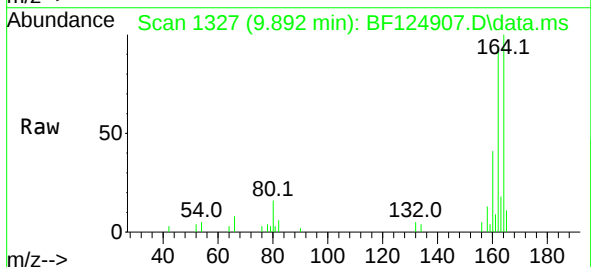
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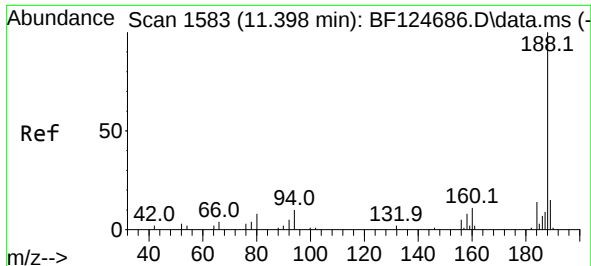
Tgt Ion:165 Resp: 1360
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.443 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:165 Resp: 1360
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

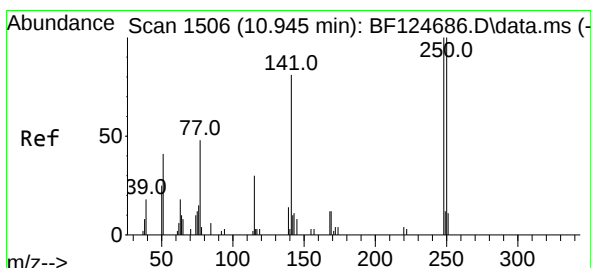
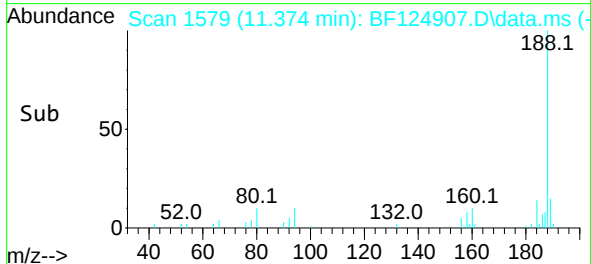
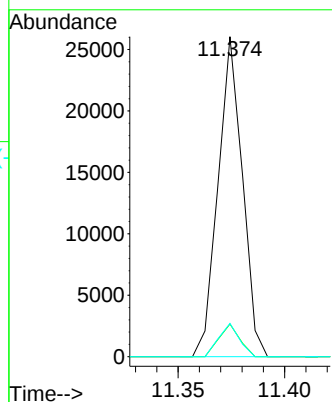
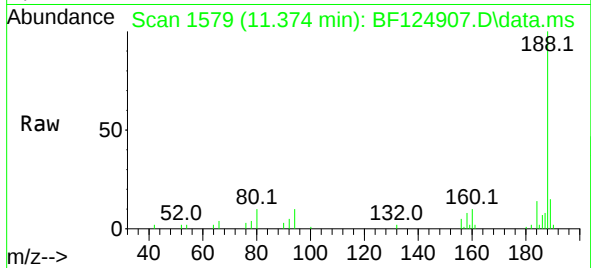




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

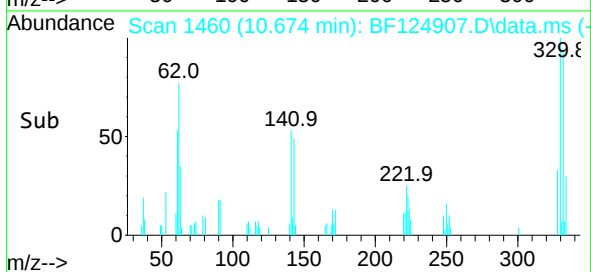
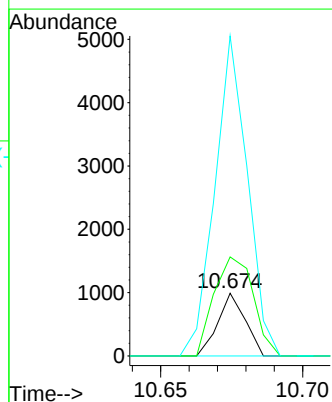
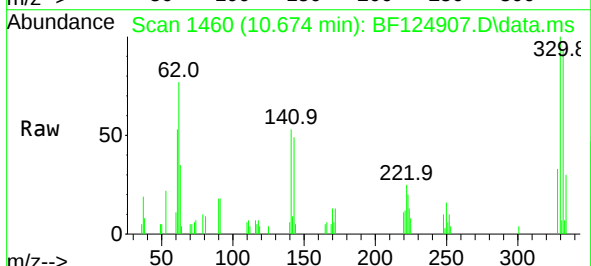
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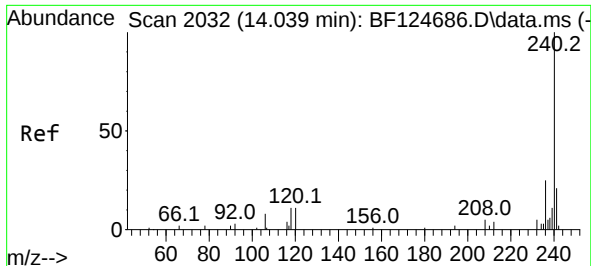
Tgt Ion:188 Resp: 20670
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.015 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:248 Resp: 661
Ion Ratio Lower Upper
248 100
250 158.0 74.2 111.4#
141 510.5 60.4 90.6#

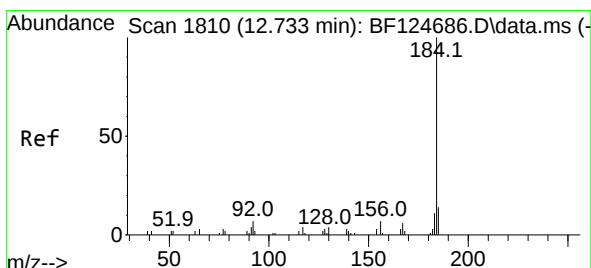
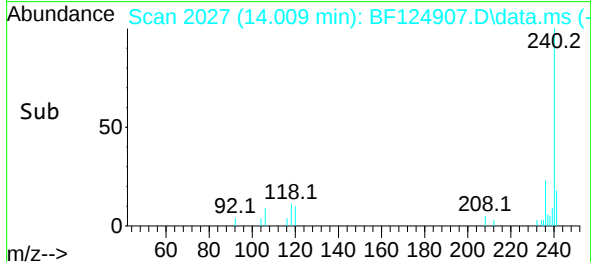
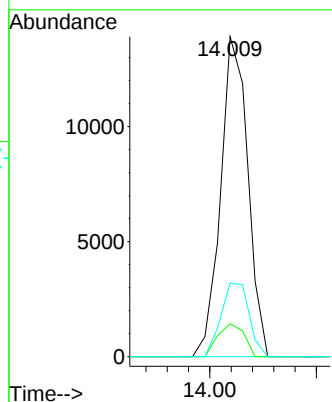
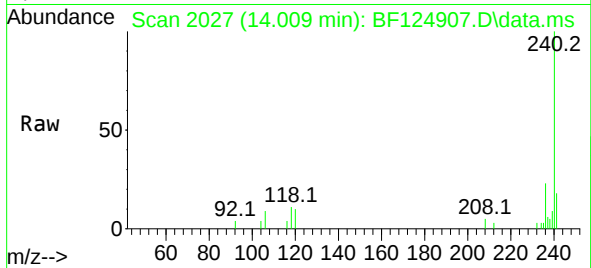




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

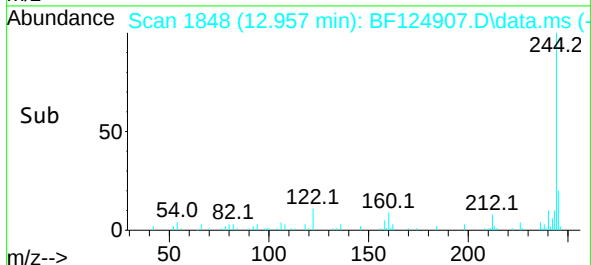
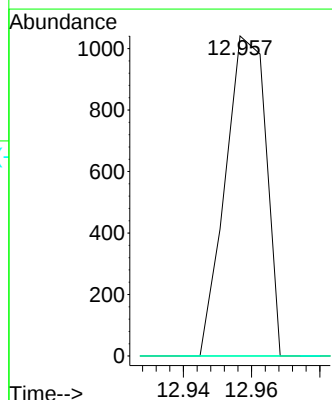
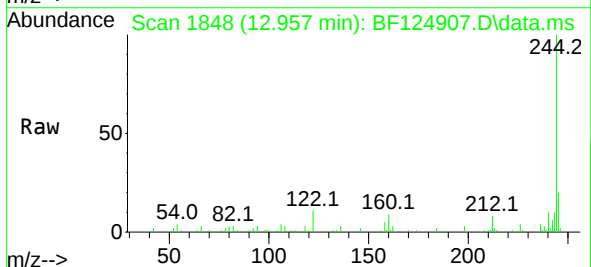
Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

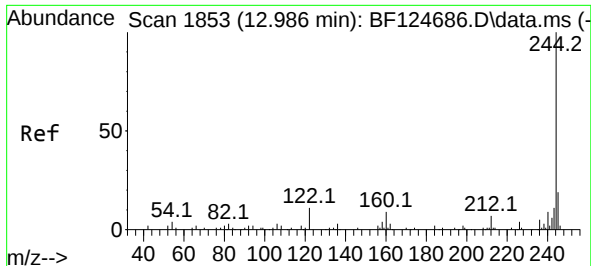
Tgt Ion:240 Resp: 12312
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 23.1 21.6 32.4



#77
Benzidine
Concen: 2.474 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:184 Resp: 859
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

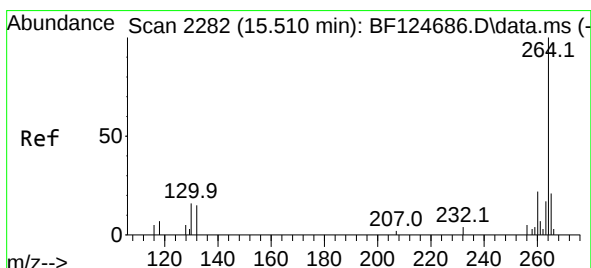
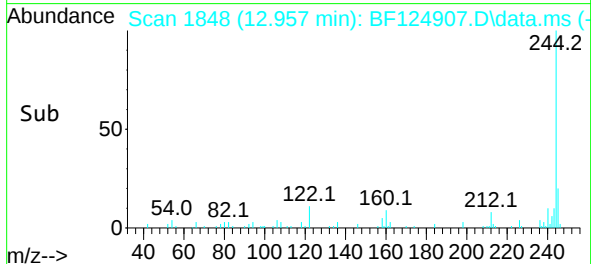
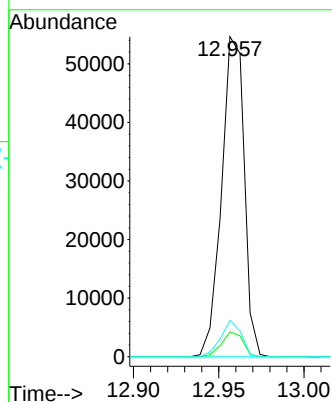
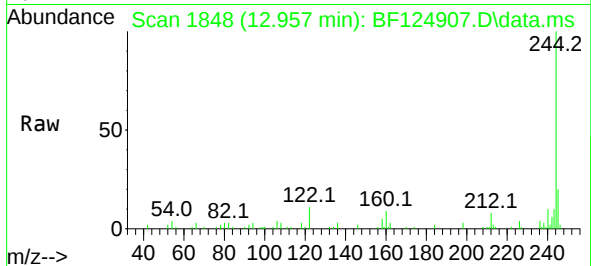




#79
Terphenyl-d14
Concen: 70.231 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6

Tgt Ion:244 Resp: 50444
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF124907.D
Acq: 2 Aug 2021 14:43

Tgt Ion:264 Resp: 11319
Ion Ratio Lower Upper
264 100
260 26.4 19.6 29.4
265 17.6 17.2 25.8

