

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126954.D
 Acq On : 18 Feb 2022 16:11
 Operator : CG\JU
 Sample : PB142473BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142473BL

Quant Time: Feb 18 16:57:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

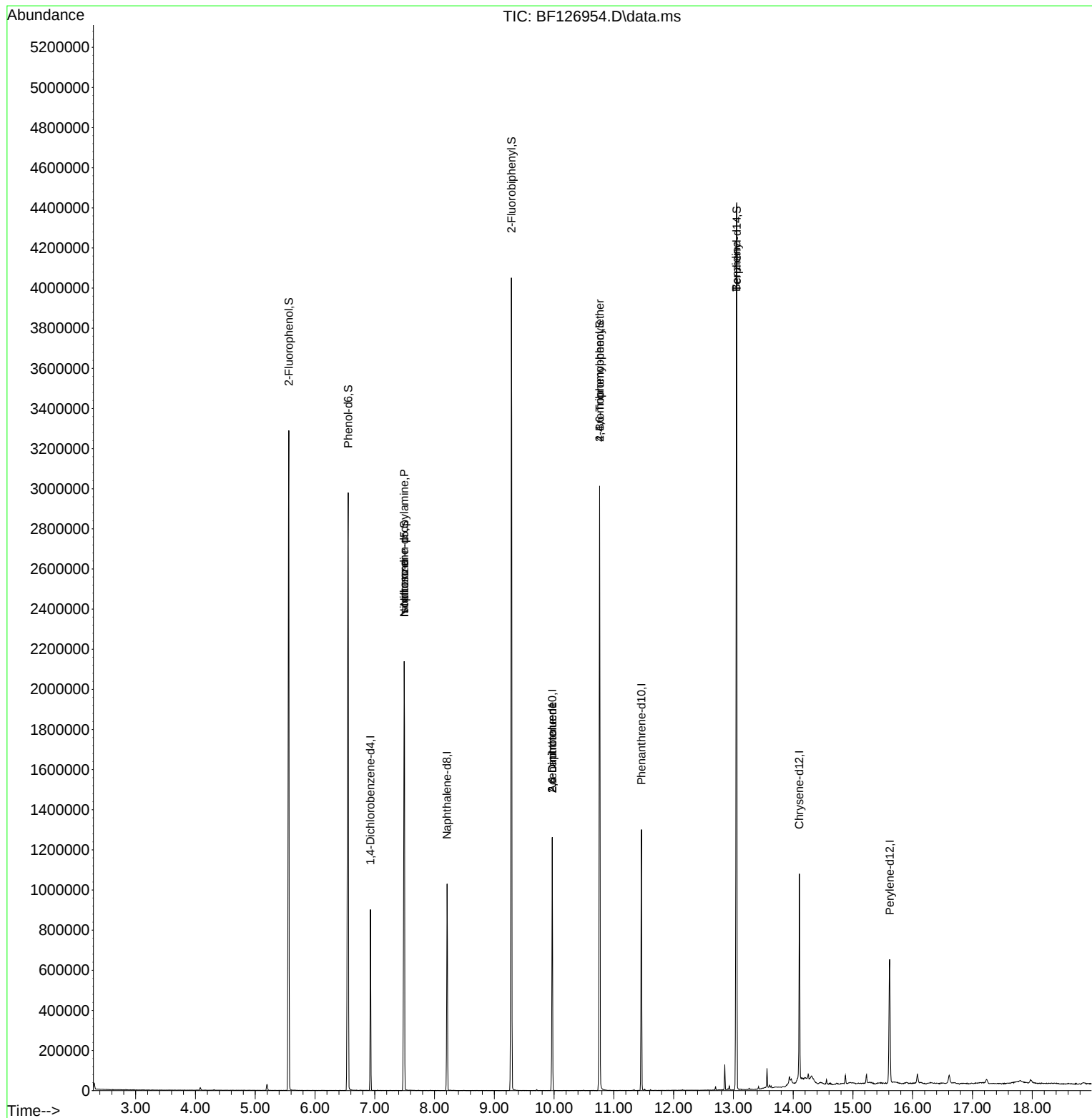
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107621	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	449900	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	230959	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	438563	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	316861	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	260469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	868507	124.729	ng	0.02
7) Phenol-d6	6.557	99	1136659	120.975	ng	0.00
23) Nitrobenzene-d5	7.492	82	826115	82.882	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	353259	132.845	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1321085	84.207	ng	0.00
79) Terphenyl-d14	13.057	244	1658899	76.963	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	114113	18.848	ng	# 79
25) Isophorone	7.492	82	823350	49.920	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	29007	8.636	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	29007	6.387	ng	# 16
67) 4-Bromophenyl-phenylether	10.763	248	21659	4.420	ng	# 1
77) Benzidine	13.051	184	24407	2.834	ng	97

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

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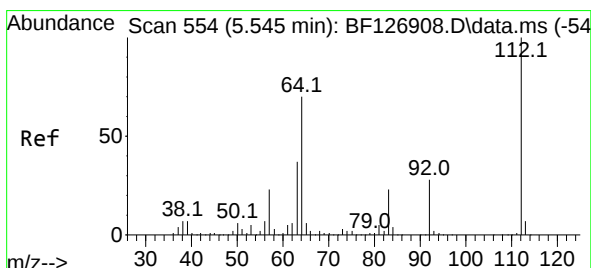
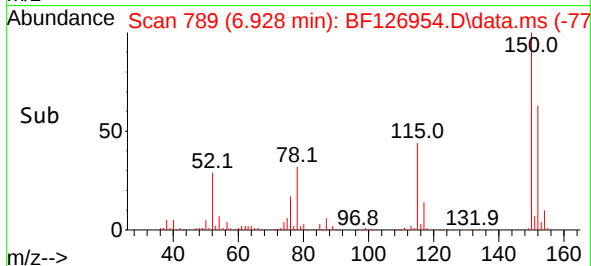
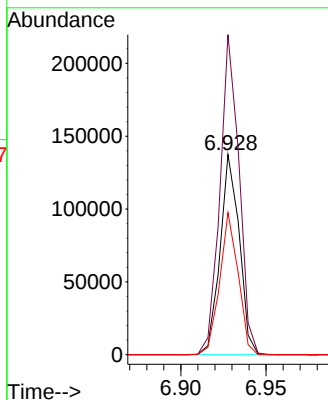
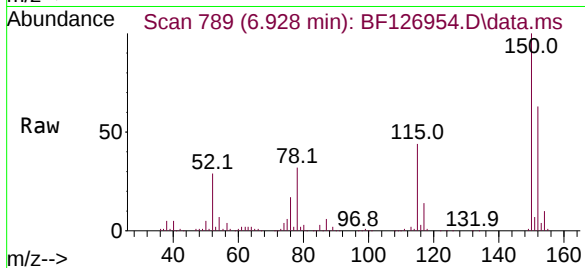




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

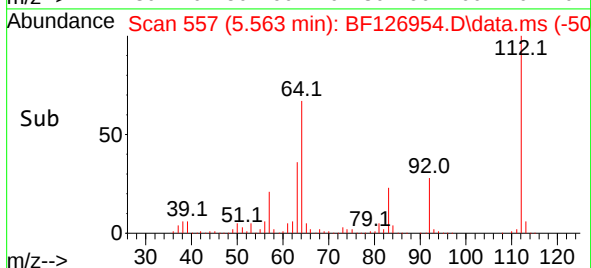
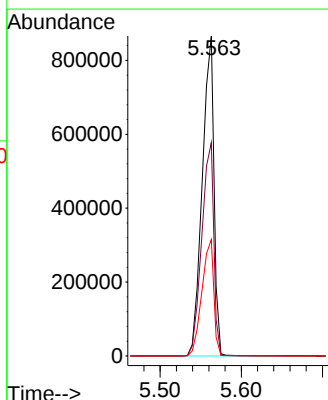
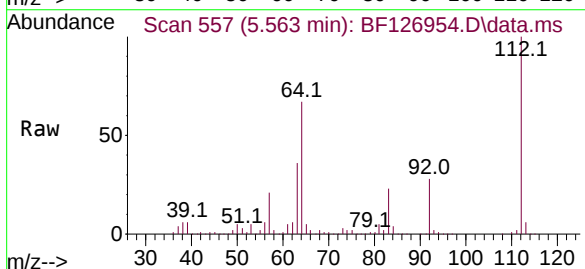
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BNA_F
ClientSampleId :
PB142473BL

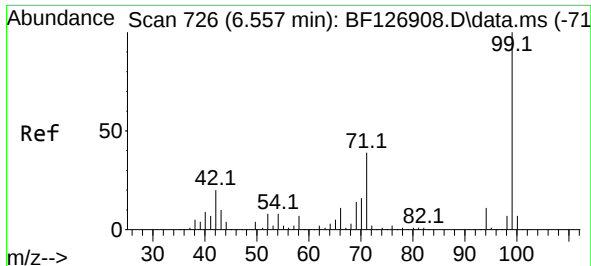
Tgt Ion:152 Resp: 107621
Ion Ratio Lower Upper
152 100
150 159.9 128.1 192.1
115 71.0 56.7 85.1



#5
2-Fluorophenol
Concen: 124.729 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.018 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

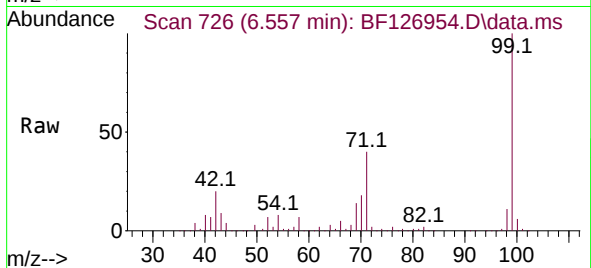
Tgt Ion:112 Resp: 868507
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 36.4 23.9 35.9#



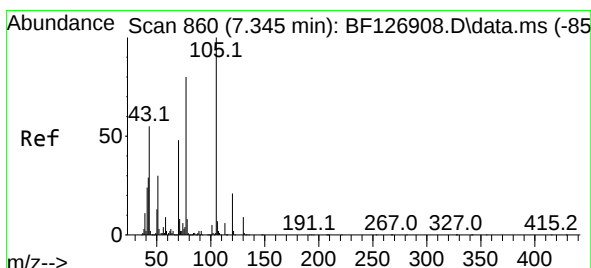
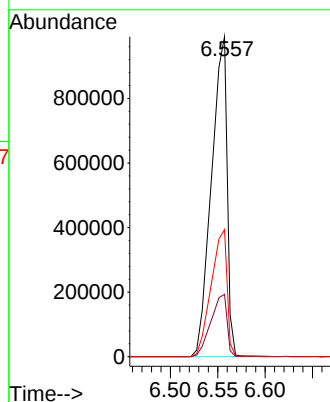
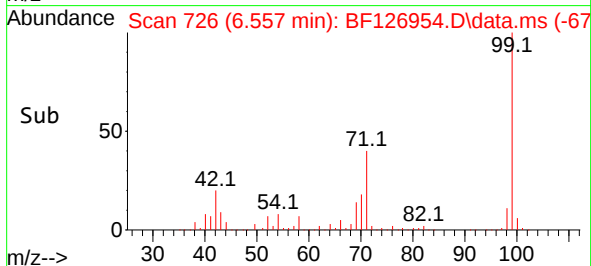


#7
Phenol-d6
Concen: 120.975 ng
RT: 6.557 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

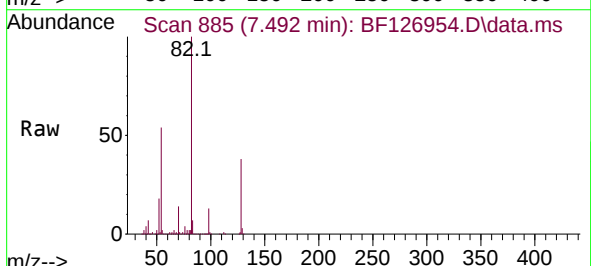
Instrument :
BNA_F
ClientSampleId :
PB142473BL



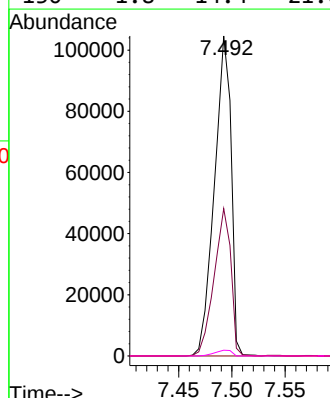
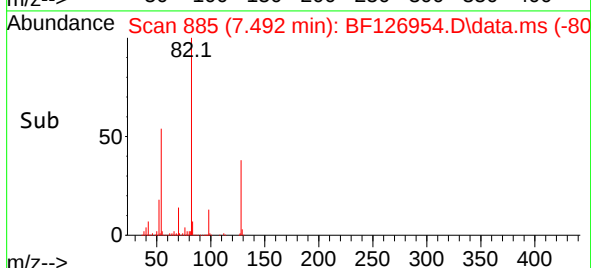
Tgt Ion: 99 Resp: 1136659
Ion Ratio Lower Upper
99 100
42 19.5 14.2 21.4
71 39.7 24.3 36.5#

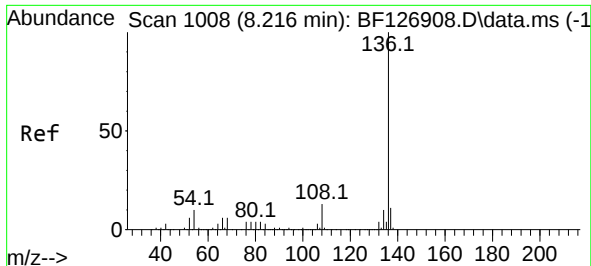


#19
n-Nitroso-di-n-propylamine
Concen: 18.848 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11



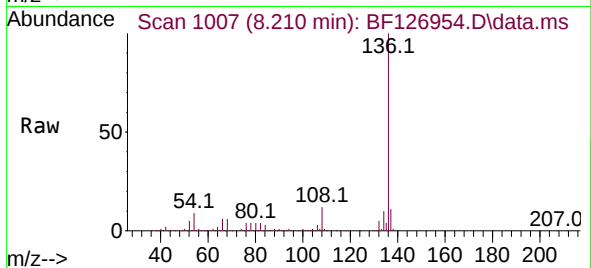
Tgt Ion: 70 Resp: 114113
Ion Ratio Lower Upper
70 100
42 46.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#



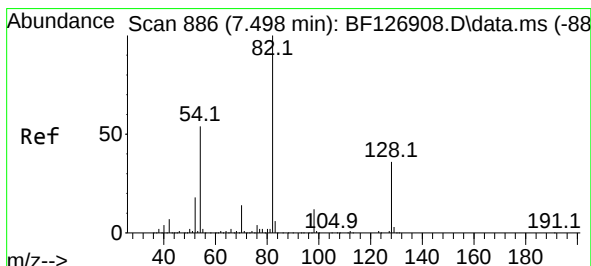
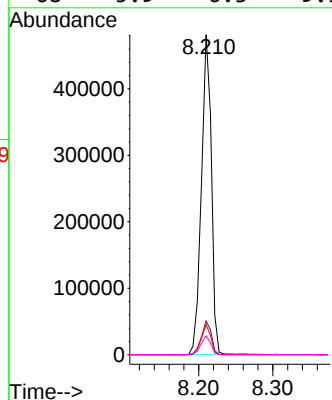
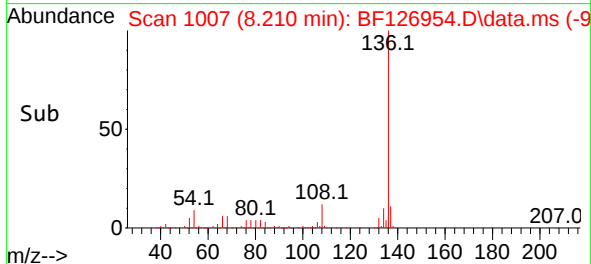


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

Instrument :
BNA_F
ClientSampleId :
PB142473BL

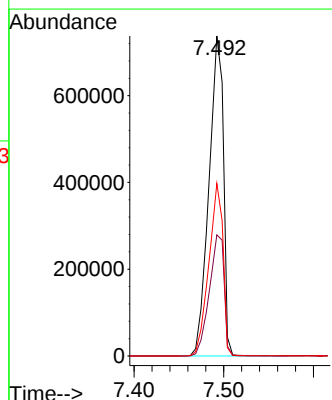
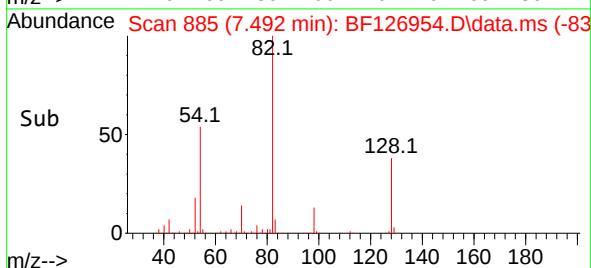
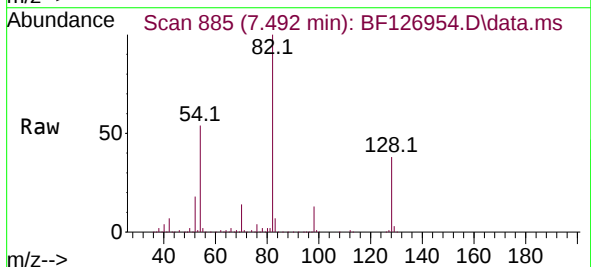


Tgt Ion:136 Resp: 449900
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.4 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.882 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

Tgt Ion: 82 Resp: 826115
Ion Ratio Lower Upper
82 100
128 37.8 32.7 49.1
54 53.9 41.7 62.5

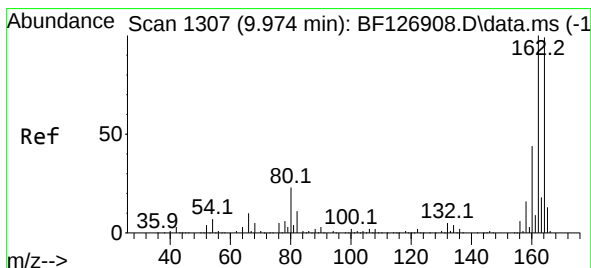
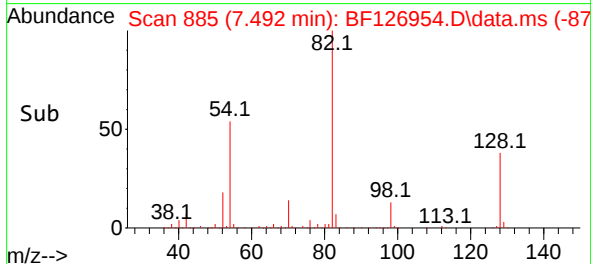
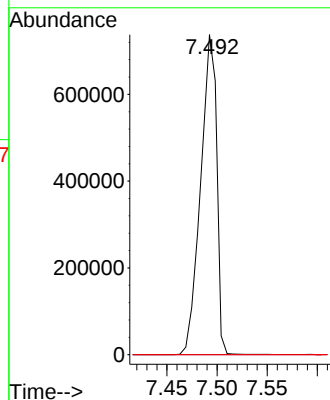
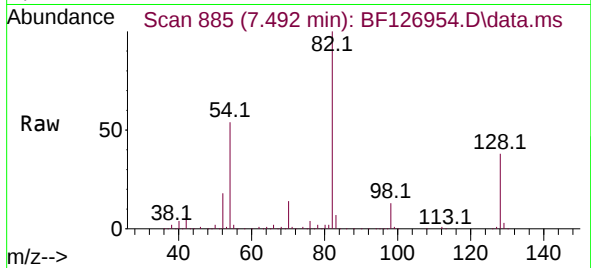




#25
Isophorone
Concen: 49.920 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

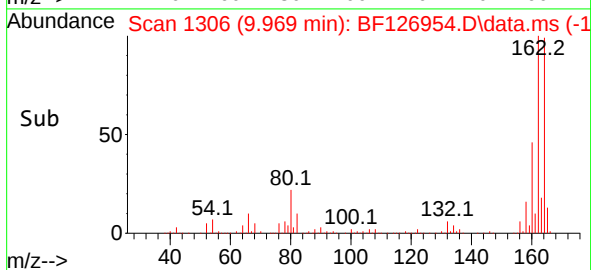
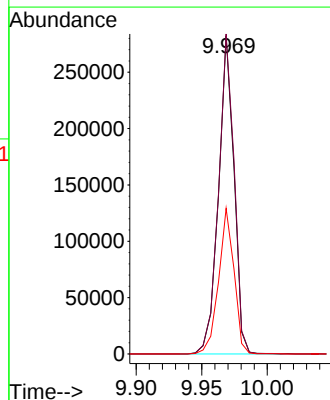
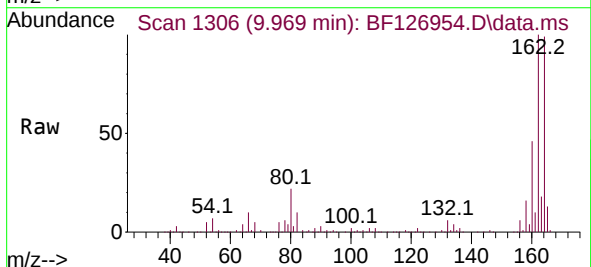
Instrument :
BNA_F
ClientSampleId :
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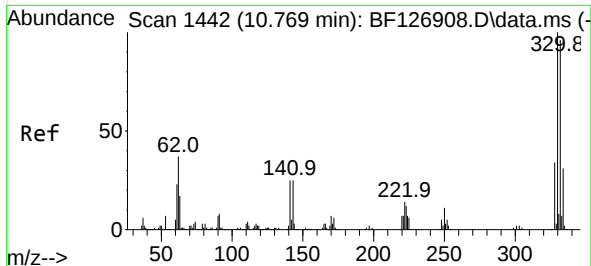
Tgt Ion: 82 Resp: 823350
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

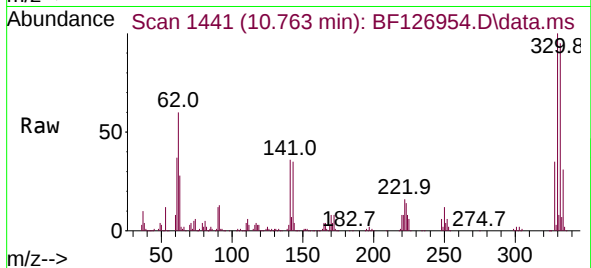
Tgt Ion:164 Resp: 230959
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 45.8 36.6 54.8



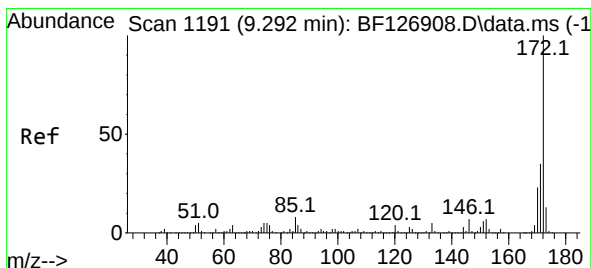
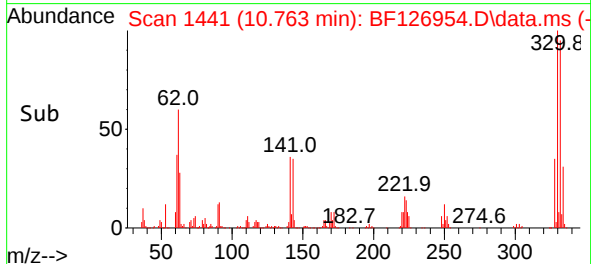
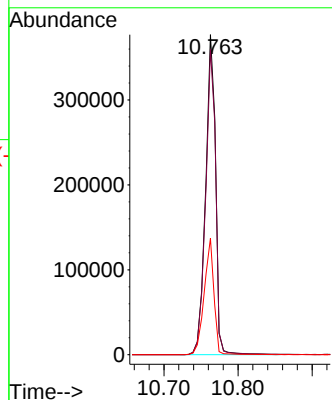


#42
2,4,6-Tribromophenol
Concen: 132.845 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

Instrument :
BNA_F
ClientSampleId :
PB142473BL

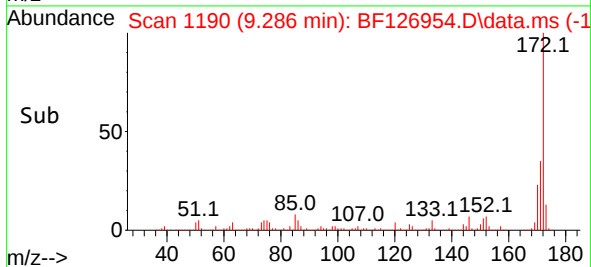
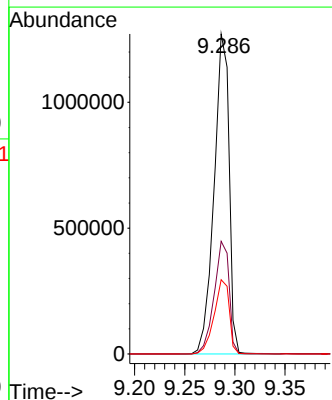
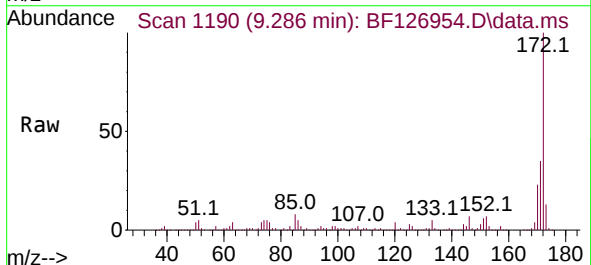


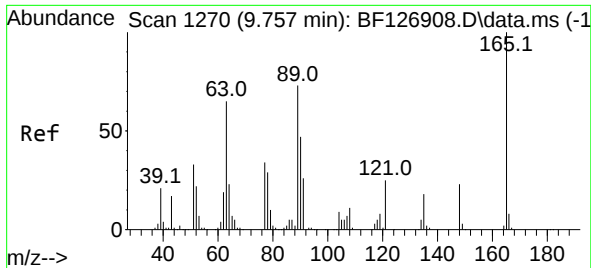
Tgt Ion:330 Resp: 353259
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 35.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 84.207 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

Tgt Ion:172 Resp: 1321085
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 19.0 28.6

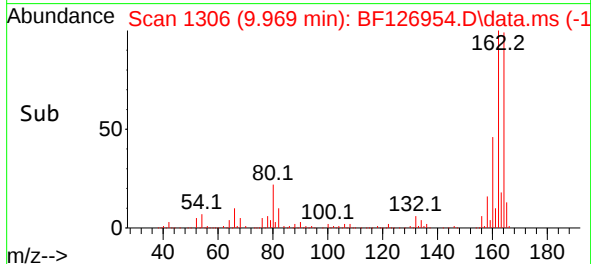
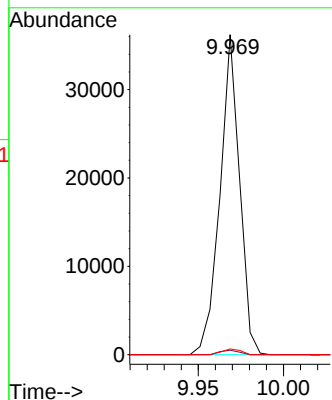
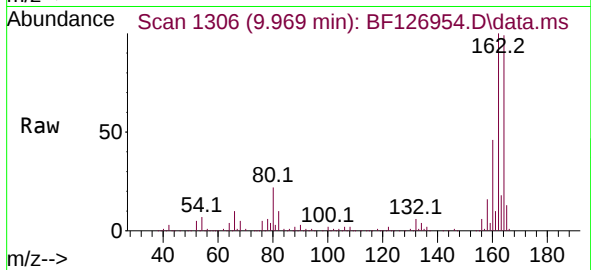




#51
2,6-Dinitrotoluene
Concen: 8.636 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

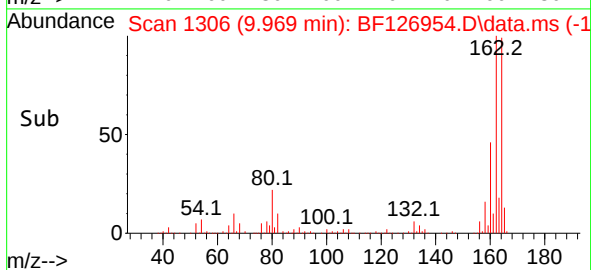
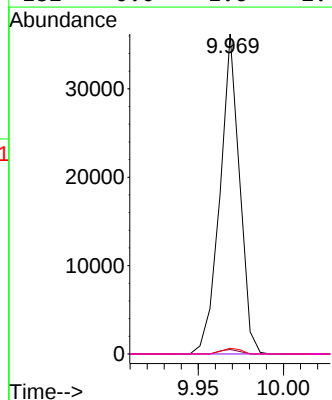
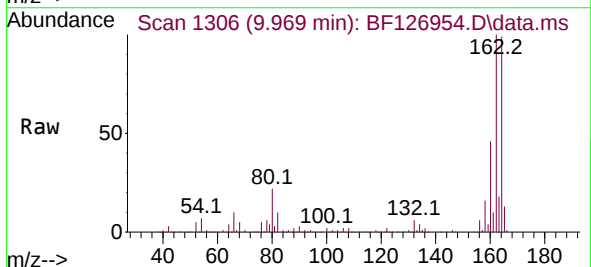
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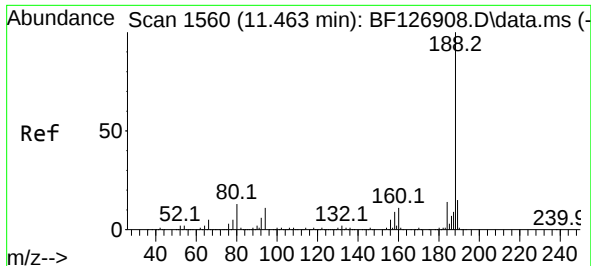
Tgt Ion:165 Resp: 29007
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.8 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.387 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

Tgt Ion:165 Resp: 29007
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#

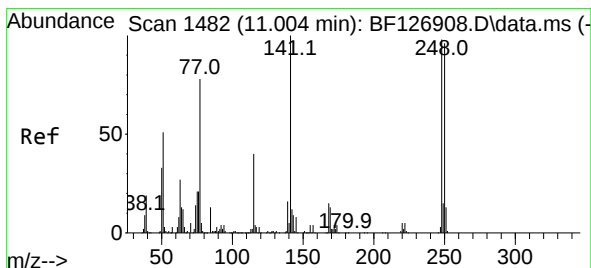
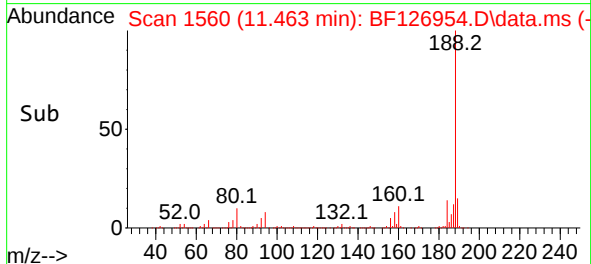
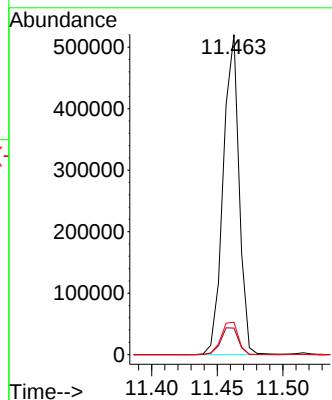
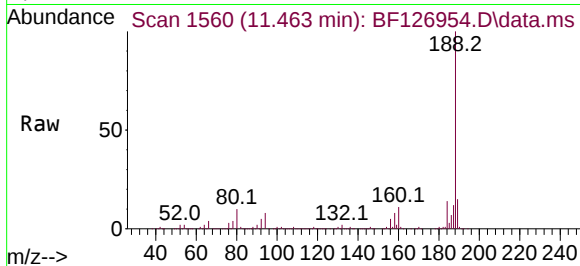




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

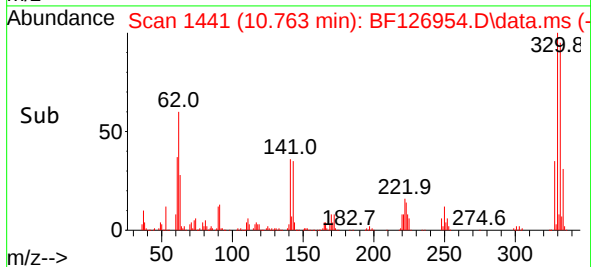
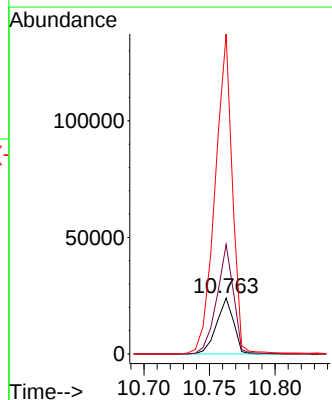
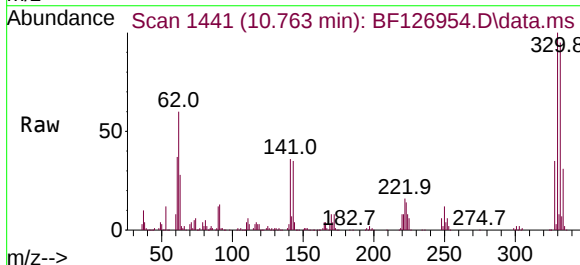
Instrument :
BNA_F
ClientSampleId :
PB142473BL

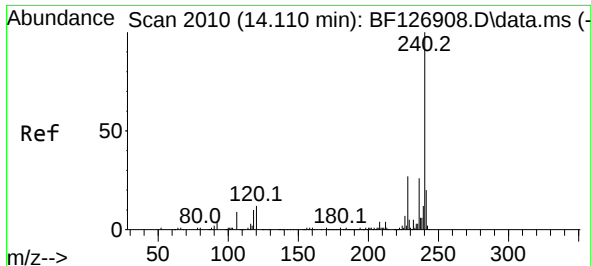
Tgt Ion:188 Resp: 438563
Ion Ratio Lower Upper
188 100
94 8.3 10.1 15.1#
80 10.1 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

Tgt Ion:248 Resp: 21659
Ion Ratio Lower Upper
248 100
250 196.0 76.2 114.4#
141 573.1 66.2 99.4#

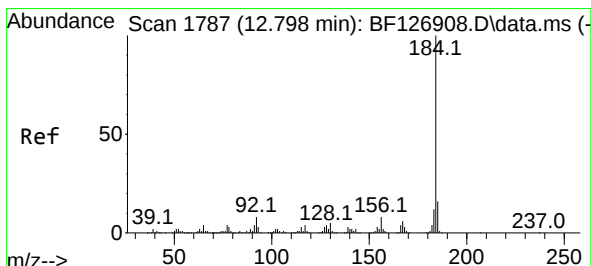
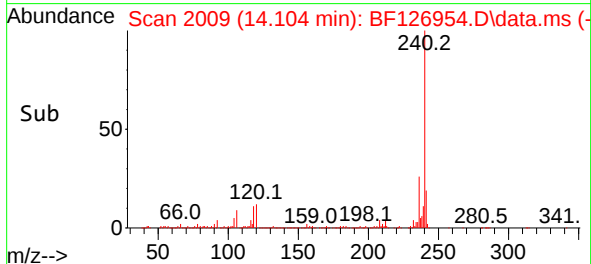
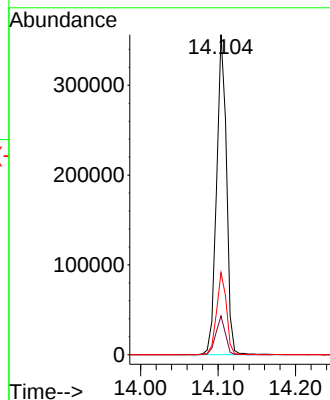
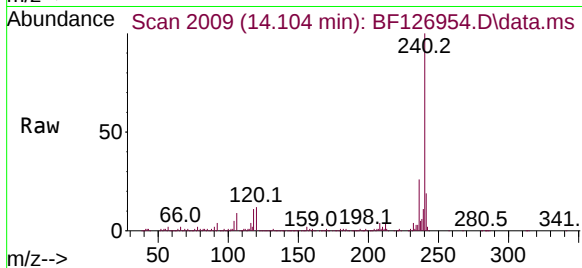




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

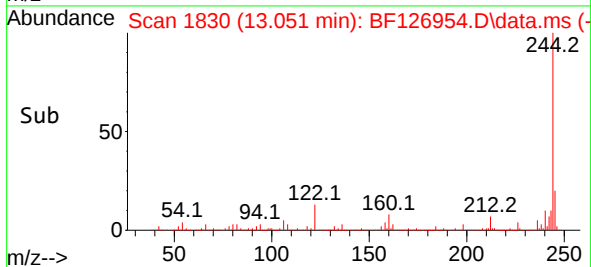
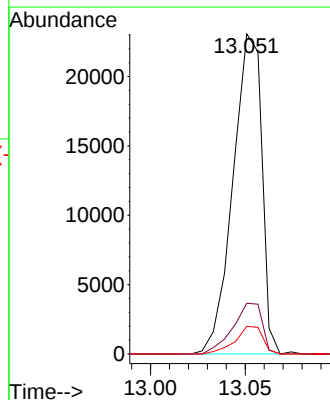
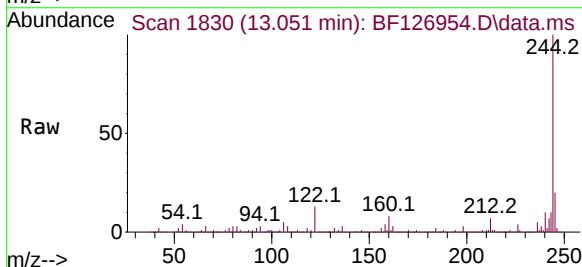
Instrument :
BNA_F
ClientSampleId :
PB142473BL

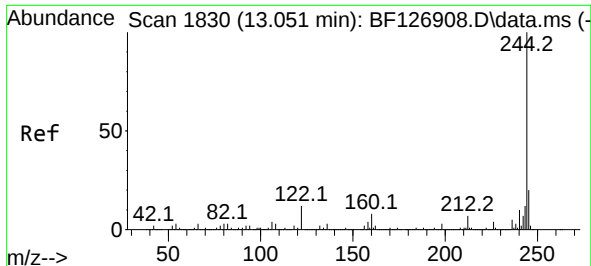
Tgt Ion:240 Resp: 316861
Ion Ratio Lower Upper
240 100
120 12.1 14.4 21.6#
236 25.6 20.5 30.7



#77
Benzidine
Concen: 2.834 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126954.D
Acq: 18 Feb 2022 16:11

Tgt Ion:184 Resp: 24407
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.8
183 8.6 8.2 12.2





#79

Terphenyl-d14

Concen: 76.963 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.006 min

Lab File: BF126954.D

Acq: 18 Feb 2022 16:11

Instrument :

BNA_F

ClientSampleId :

PB142473BL

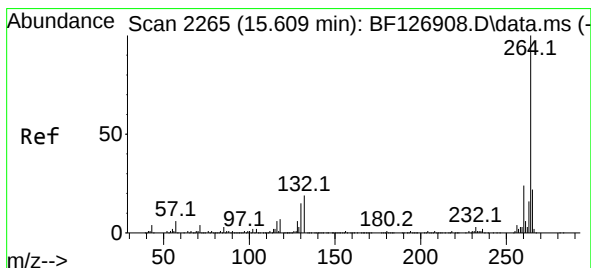
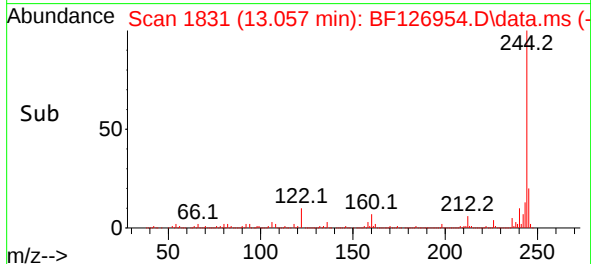
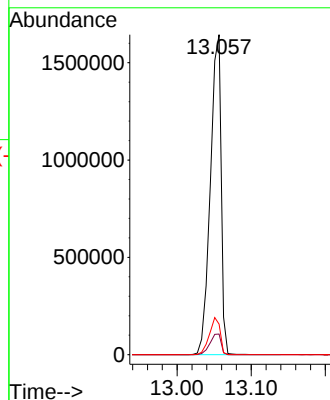
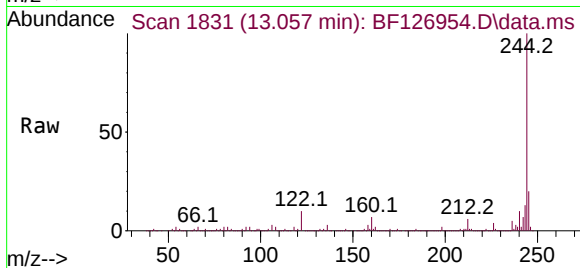
Tgt Ion:244 Resp: 1658899

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 9.6 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF126954.D

Acq: 18 Feb 2022 16:11

Tgt Ion:264 Resp: 260469

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.8 17.4 26.2

