

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124922.D
 Acq On : 3 Aug 2021 18:50
 Operator : JU/CG
 Sample : PB138173BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138173BL

Quant Time: Aug 04 05:07:10 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)

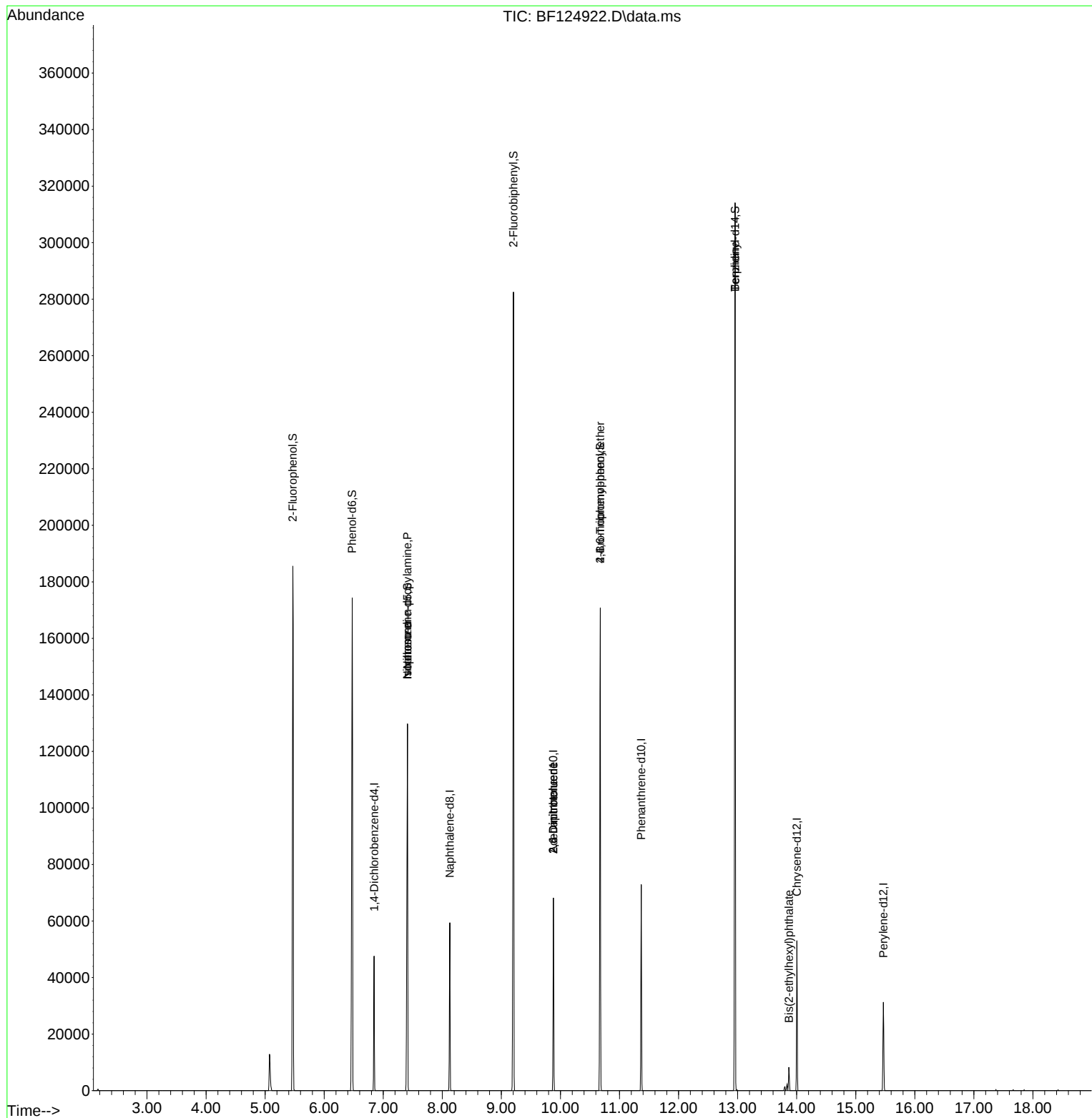
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6596	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	25044	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	14032	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	26866	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	18668	20.000	ng	-0.02
86) Perylene-d12	15.468	264	14663	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	53830	138.179	ng	0.00
7) Phenol-d6	6.475	99	64568	132.208	ng	-0.01
23) Nitrobenzene-d5	7.410	82	41718	99.144	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	17190	142.681	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	86802	90.857	ng	-0.01
79) Terphenyl-d14	12.957	244	104415	95.877	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	5489	21.048	ng	# 66
25) Isophorone	7.410	82	41716	56.067	ng	# 59
51) 2,6-Dinitrotoluene	9.880	165	1699	7.960	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	1699	5.865	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	1319	4.629	ng	# 1
77) Benzidine	12.957	184	1516	2.880	ng	# 69
84) Bis(2-ethylhexyl)phtha...	13.868	149	2557	2.452	ng	# 53

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

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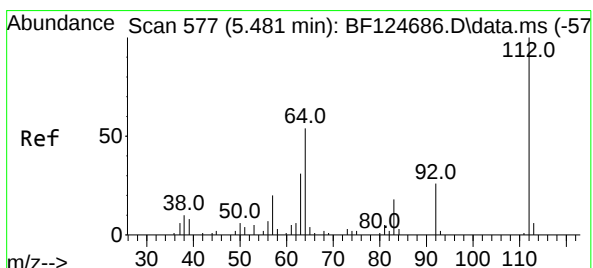
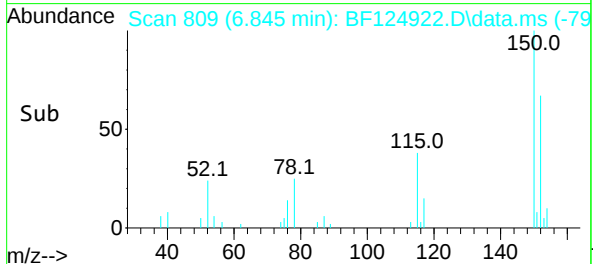
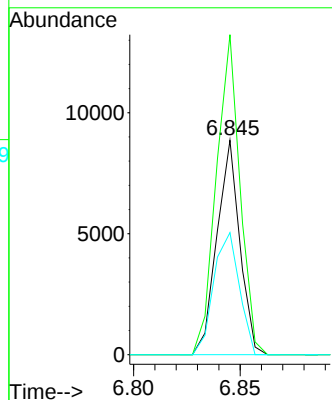
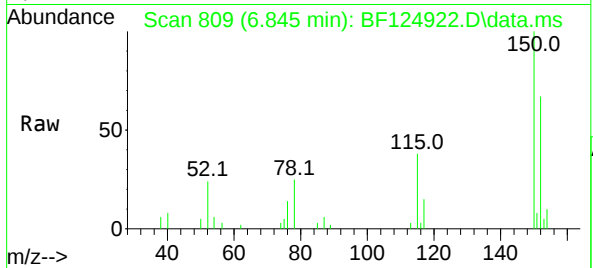




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

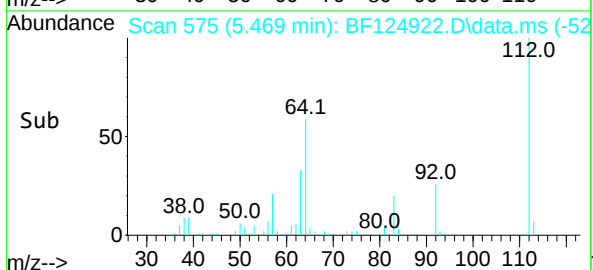
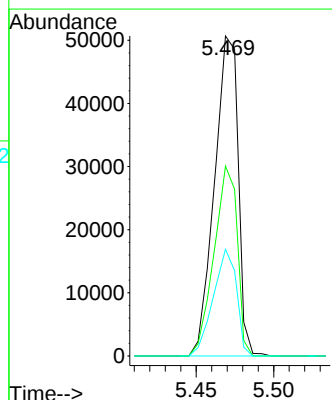
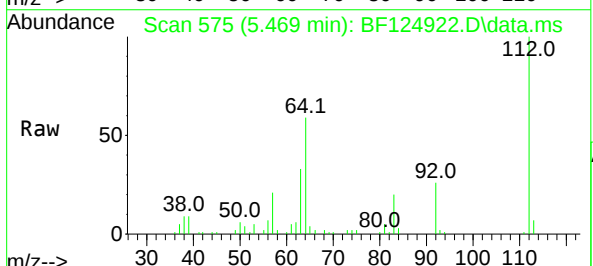
Instrument :
BNA_F
ClientSampleId :
PB138173BL

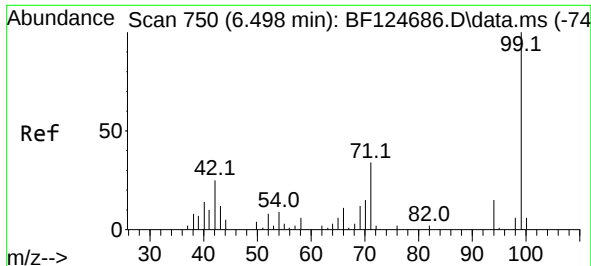
Tgt Ion:152 Resp: 6596
Ion Ratio Lower Upper
152 100
150 149.2 117.6 176.4
115 56.9 47.1 70.7



#5
2-Fluorophenol
Concen: 138.179 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:112 Resp: 53830
Ion Ratio Lower Upper
112 100
64 59.3 44.2 66.2
63 33.3 26.2 39.2

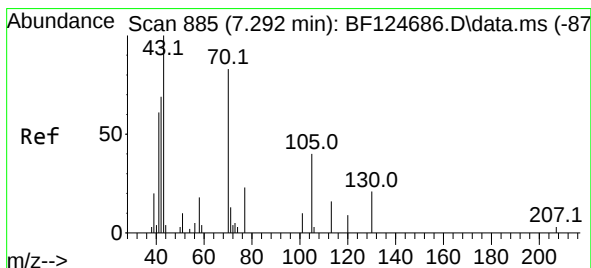
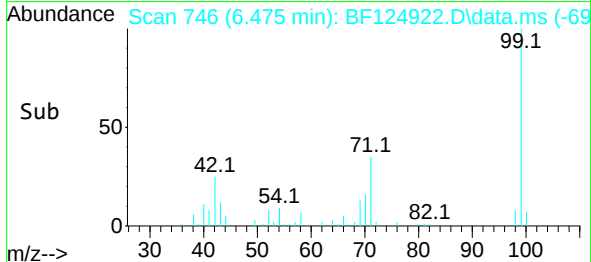
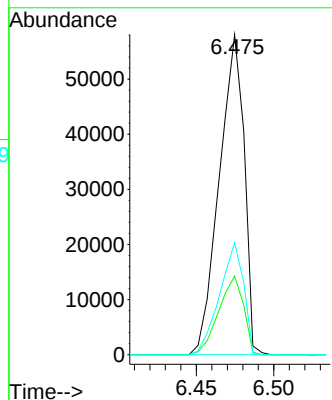
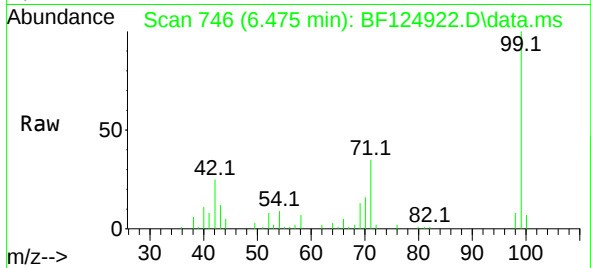




#7
Phenol-d6
Concen: 132.208 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

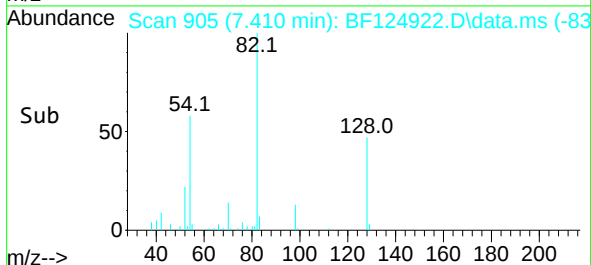
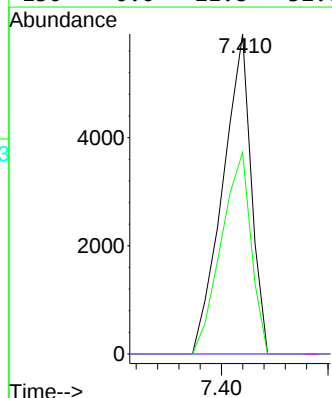
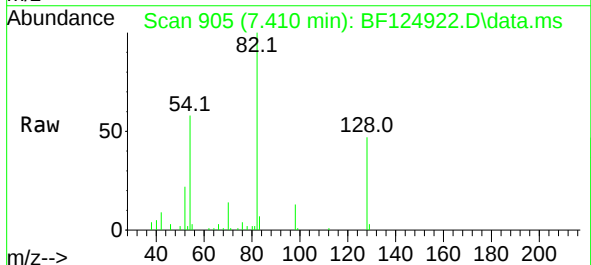
Instrument :
BNA_F
ClientSampleId :
PB138173BL

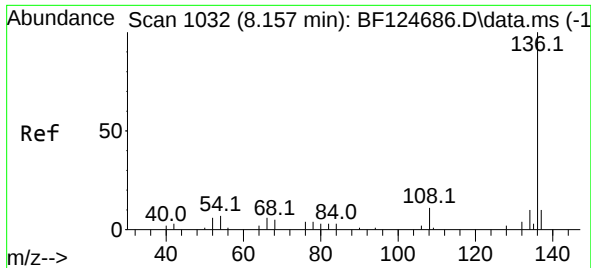
Tgt Ion: 99 Resp: 64568
Ion Ratio Lower Upper
99 100
42 24.5 23.5 35.3
71 35.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.048 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion: 70 Resp: 5489
Ion Ratio Lower Upper
70 100
42 63.0 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

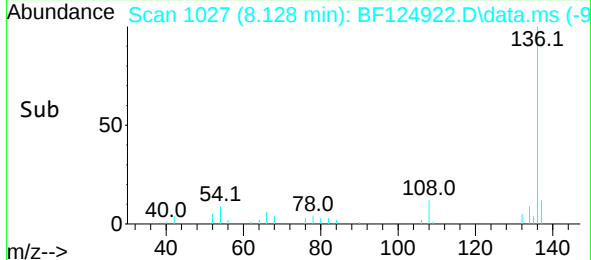
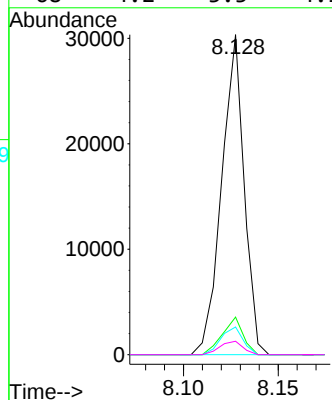
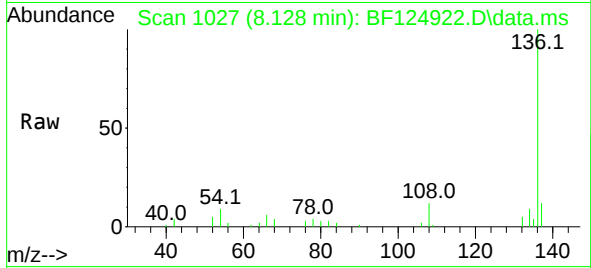




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

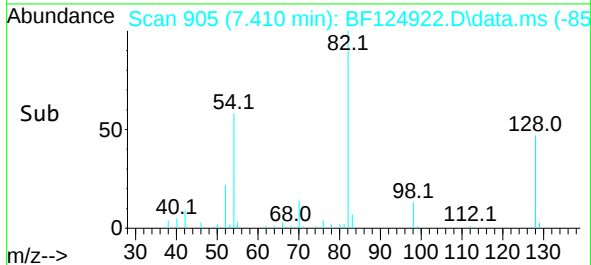
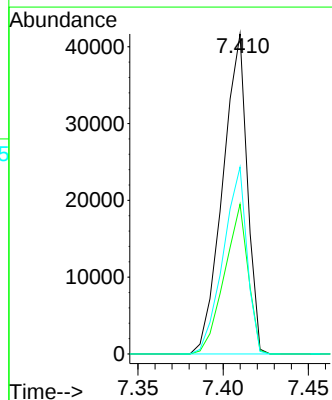
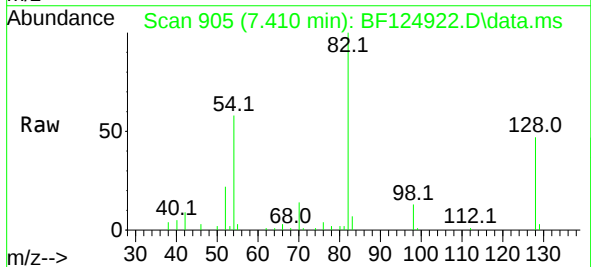
Instrument :
BNA_F
ClientSampleId :
PB138173BL

Tgt Ion:136	Resp:	25044
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.8 14.6
54	8.7	6.4 9.6
68	4.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 99.144 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion: 82	Resp:	41718
Ion Ratio	Lower	Upper
82	100	
128	46.8	40.6 60.8
54	58.4	49.6 74.4

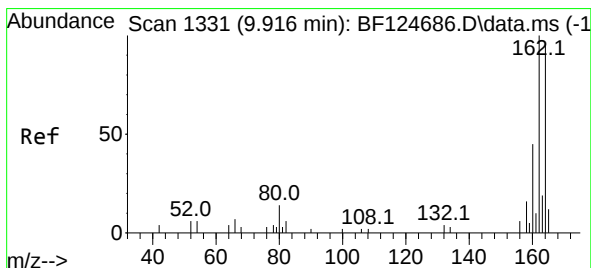
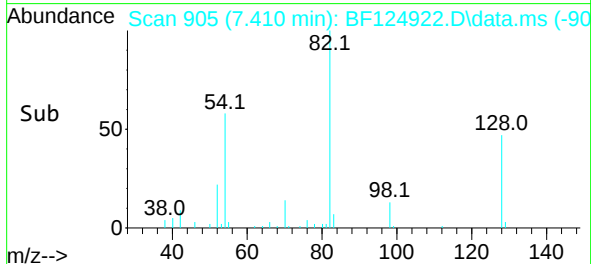
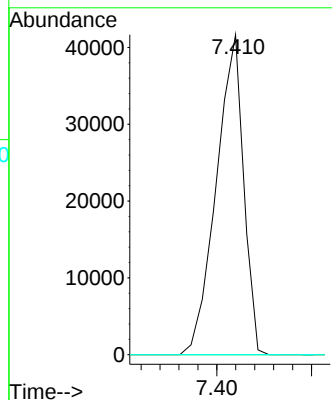
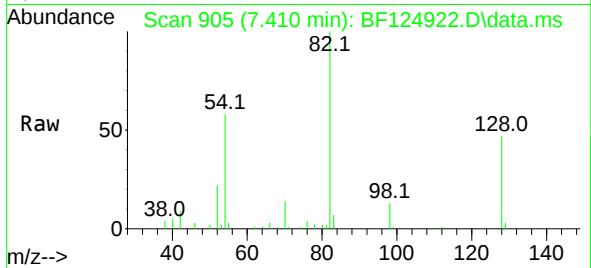




#25
Isophorone
Concen: 56.067 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.271 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

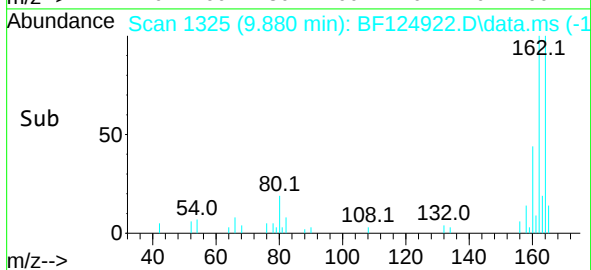
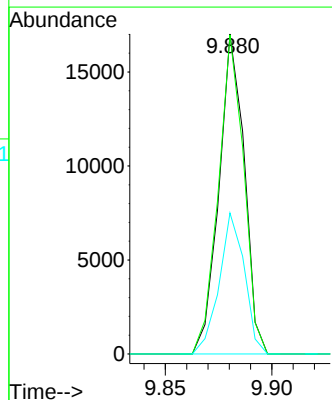
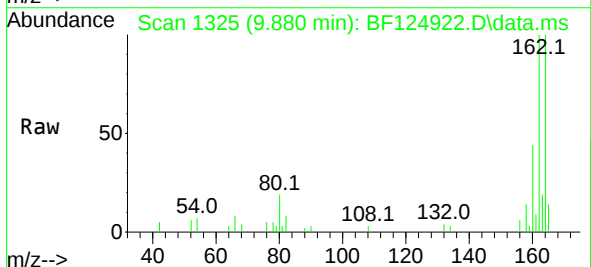
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ClientSampleId :
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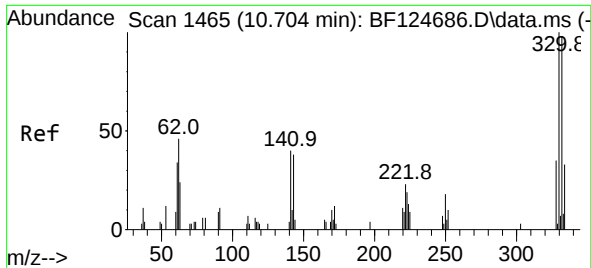
Tgt Ion: 82 Resp: 41716
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion: 164 Resp: 14032
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 44.0 38.0 57.0

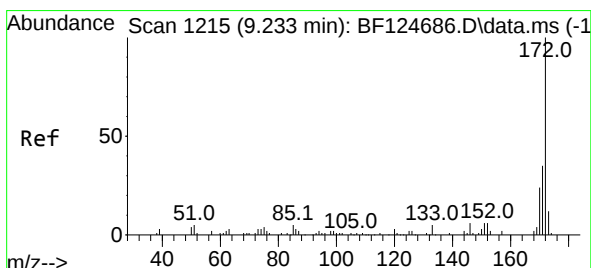
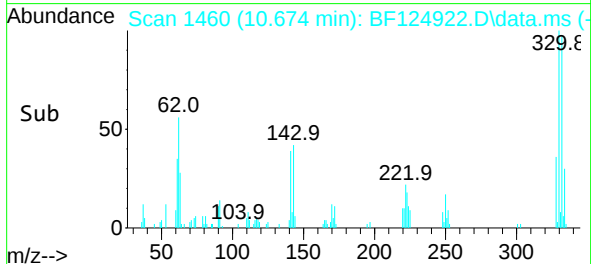
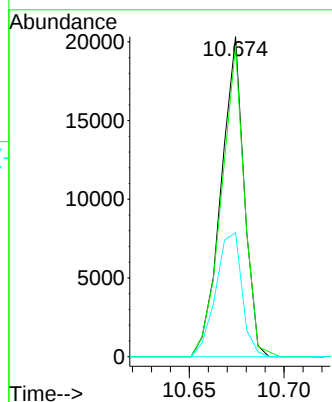
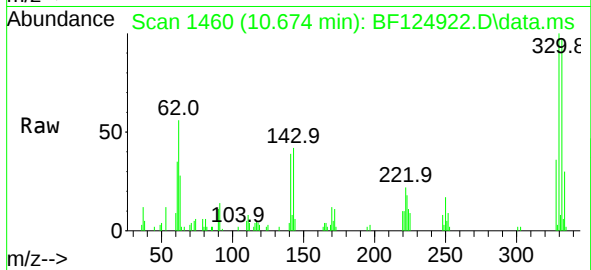




#42
2,4,6-Tribromophenol
Concen: 142.681 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

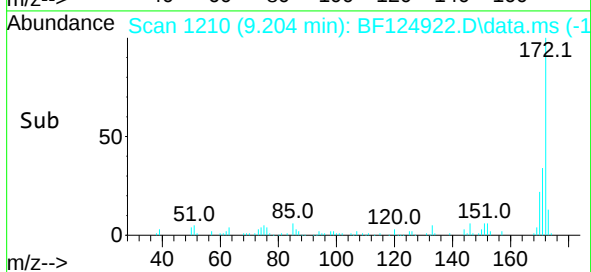
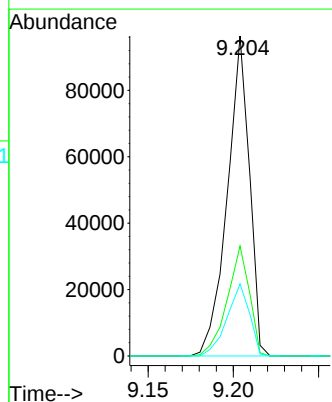
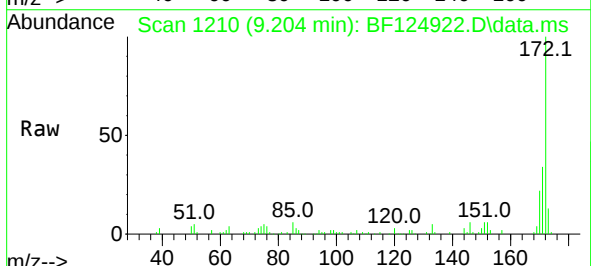
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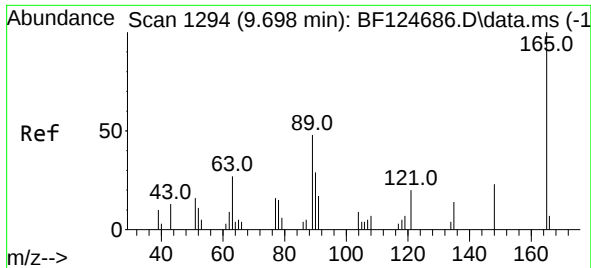
Tgt Ion:330 Resp: 17190
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 44.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 90.857 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:172 Resp: 86802
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.5 18.8 28.2

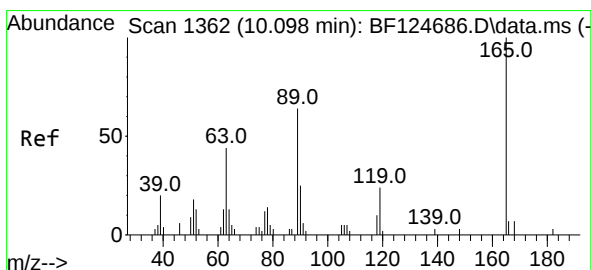
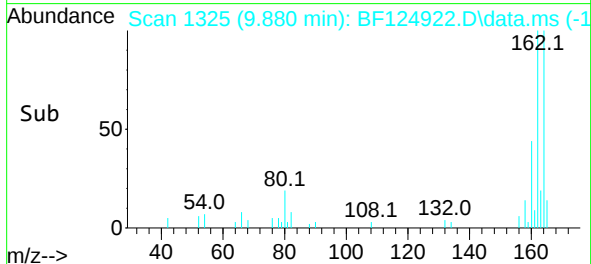
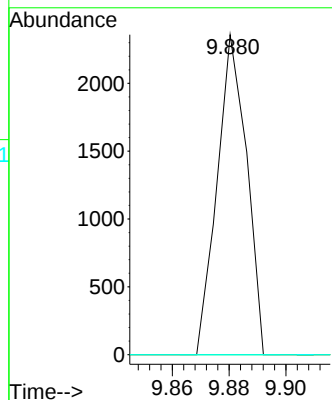
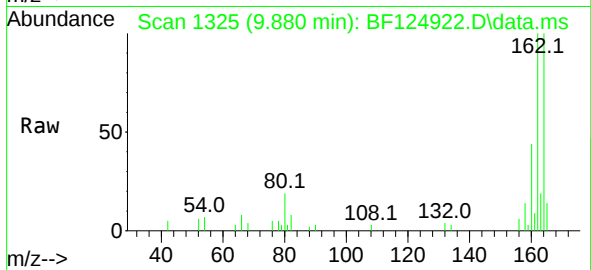




#51
2,6-Dinitrotoluene
Concen: 7.960 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

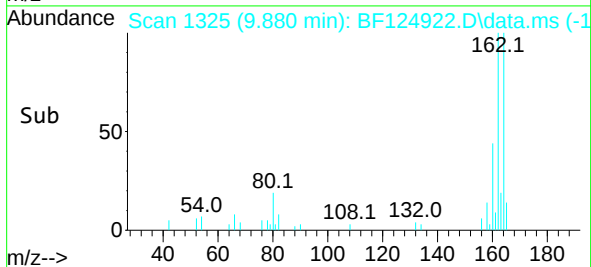
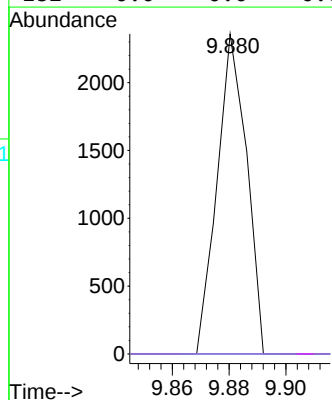
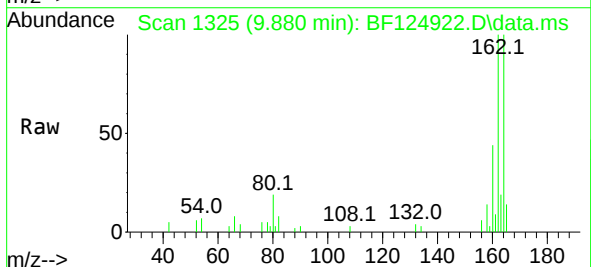
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ClientSampled :
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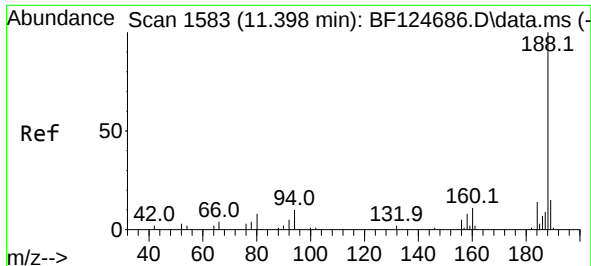
Tgt Ion:165 Resp: 1699
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.865 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:165 Resp: 1699
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

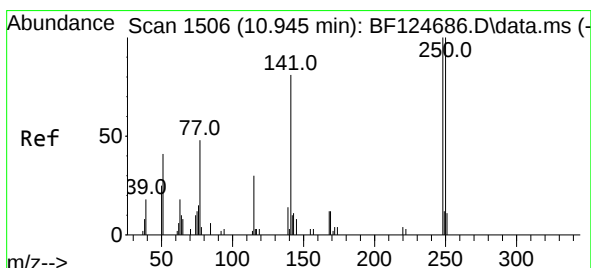
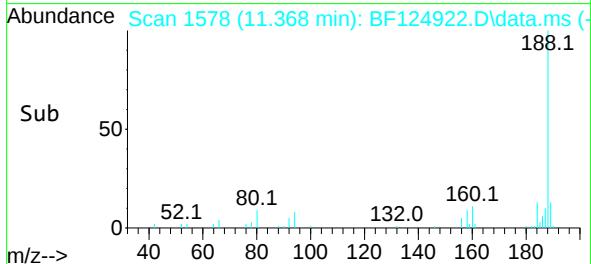
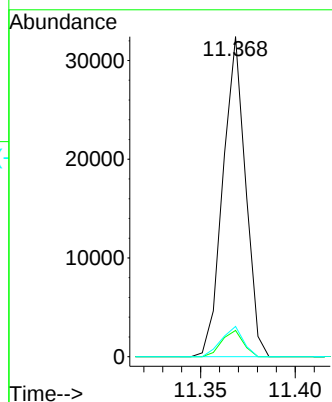
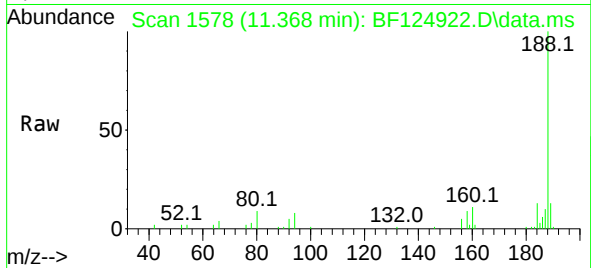




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

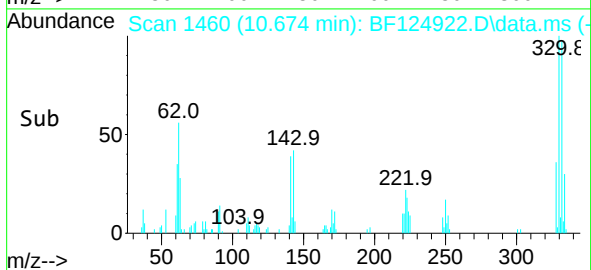
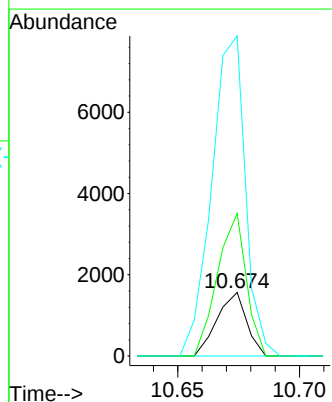
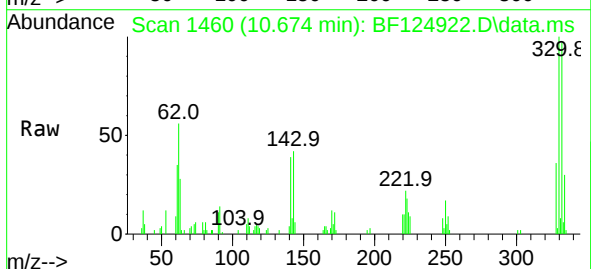
Instrument :
BNA_F
ClientSampleId :
PB138173BL

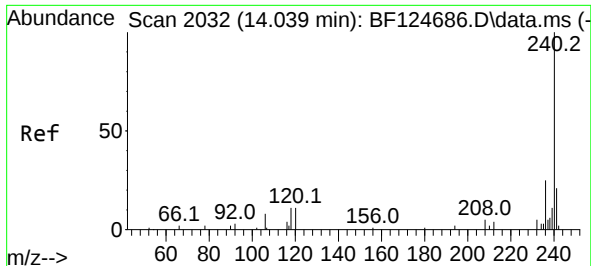
Tgt Ion:188 Resp: 26866
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.629 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Tgt Ion:248 Resp: 1319
Ion Ratio Lower Upper
248 100
250 224.6 74.2 111.4#
141 503.8 60.4 90.6#

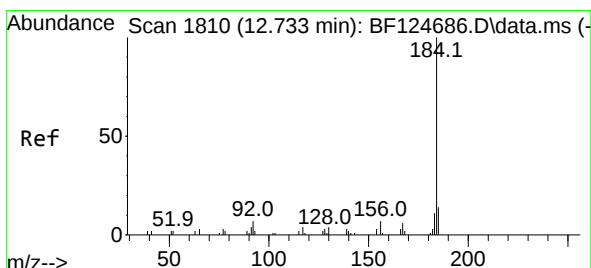
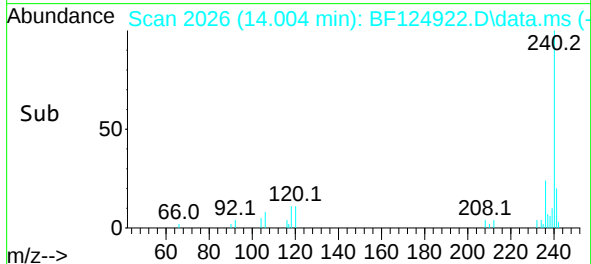
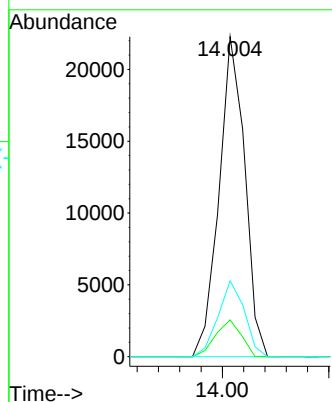
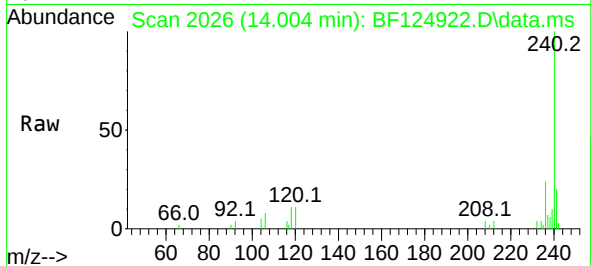




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

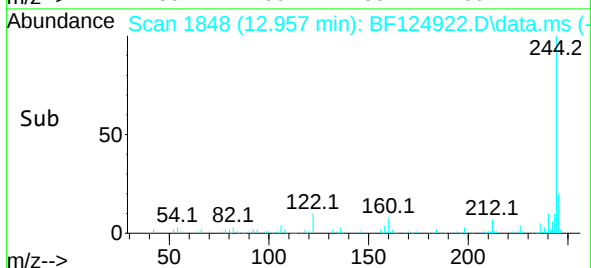
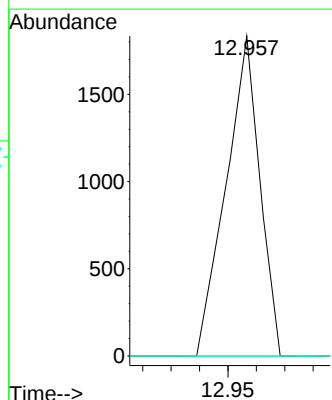
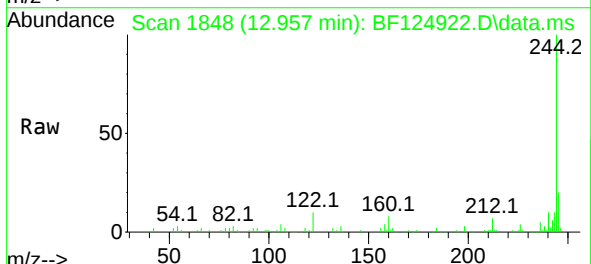
Instrument :
BNA_F
ClientSampleId :
PB138173BL

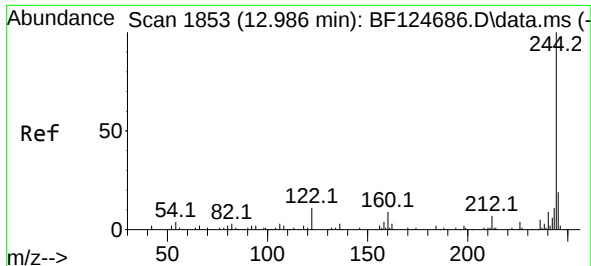
Tgt Ion:240 Resp: 18668
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 23.7 21.6 32.4



#77
Benzidine
Concen: 2.880 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

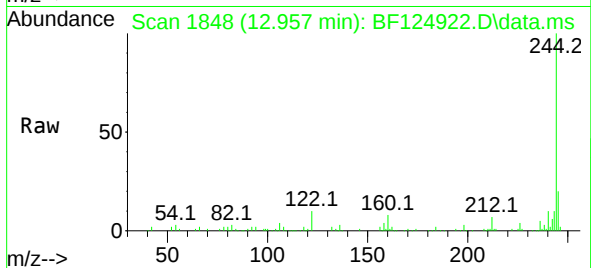
Tgt Ion:184 Resp: 1516
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



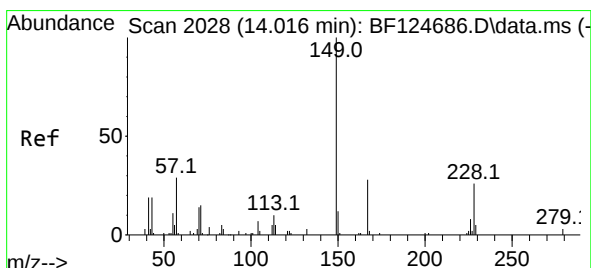
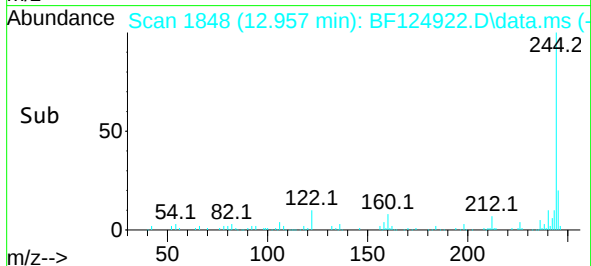
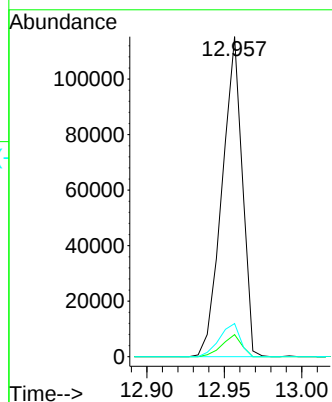


#79
 Terphenyl-d14
 Concen: 95.877 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124922.D
 Acq: 3 Aug 2021 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB138173BL

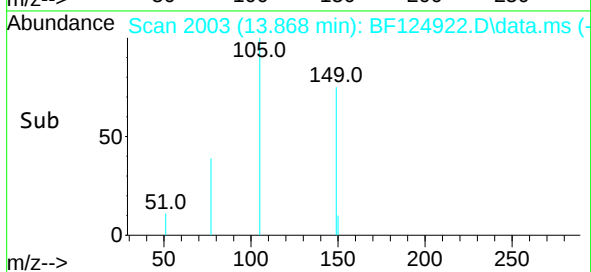
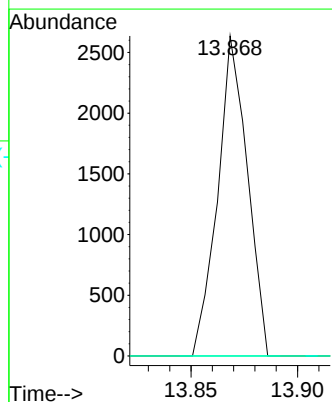
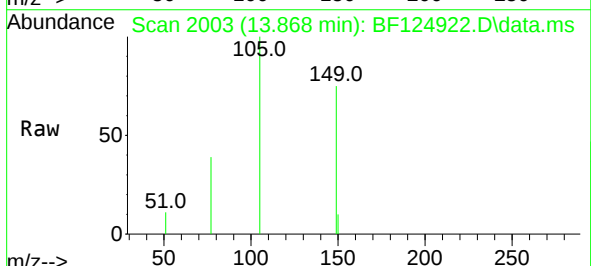


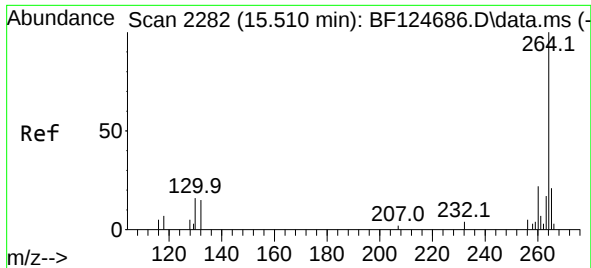
Tgt Ion:244 Resp: 104415
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.452 ng
 RT: 13.868 min Scan# 2003
 Delta R.T. -0.124 min
 Lab File: BF124922.D
 Acq: 3 Aug 2021 18:50

Tgt Ion:149 Resp: 2557
 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: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF124922.D
Acq: 3 Aug 2021 18:50

Instrument :
BNA_F
ClientSampleId :
PB138173BL

Tgt Ion:264 Resp: 14663

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	21.7	17.2	25.8

