

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124917.D
 Acq On : 3 Aug 2021 16:07
 Operator : JU/CG
 Sample : PB138162BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138162BL

Quant Time: Aug 03 16:38:09 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)

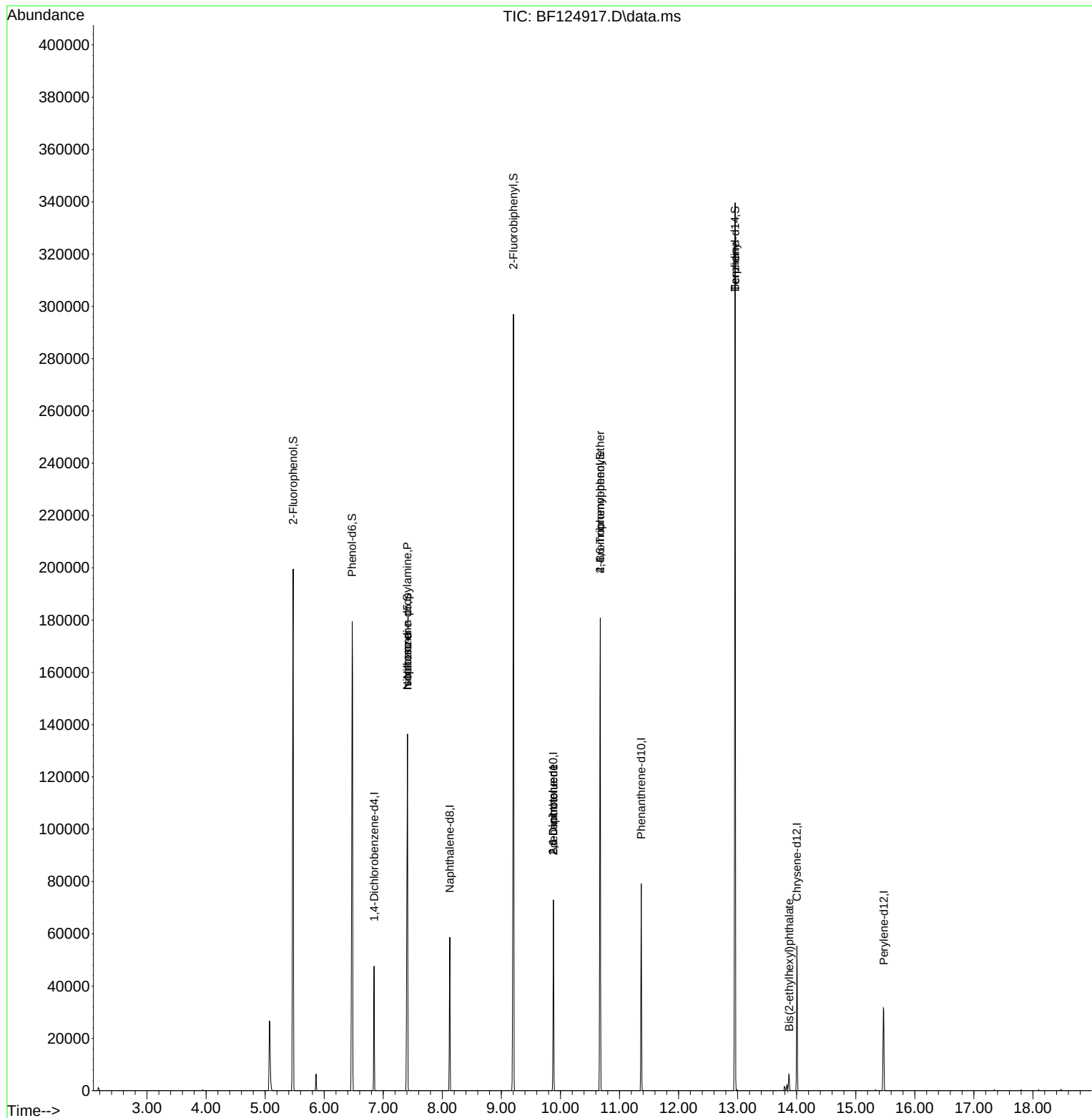
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6849	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	25201	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	14323	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	27082	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	20919	20.000	ng	-0.02
86) Perylene-d12	15.474	264	16478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	54654	135.112	ng	0.00
7) Phenol-d6	6.475	99	67618	133.339	ng	-0.01
23) Nitrobenzene-d5	7.410	82	44283	104.584	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	18027	146.589	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	89660	91.942	ng	-0.01
79) Terphenyl-d14	12.957	244	111470	91.341	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	5662	20.909	ng	# 62
25) Isophorone	7.410	82	44282	59.145	ng	# 59
51) 2,6-Dinitrotoluene	9.880	165	1879	8.624	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	1879	6.355	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	1384	4.819	ng	# 1
77) Benzidine	12.957	184	1628	2.760	ng	# 81
84) Bis(2-ethylhexyl)phtha...	13.874	149	2365	2.024	ng	# 53

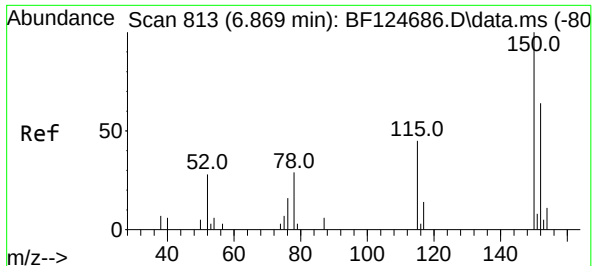
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

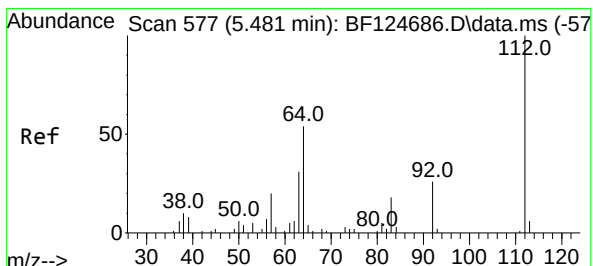
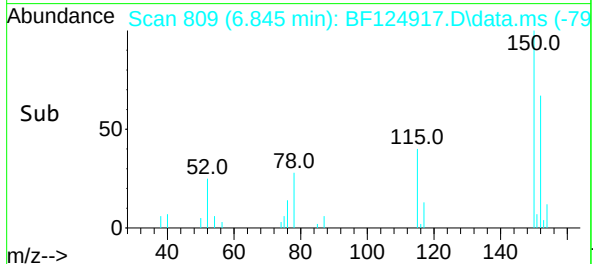
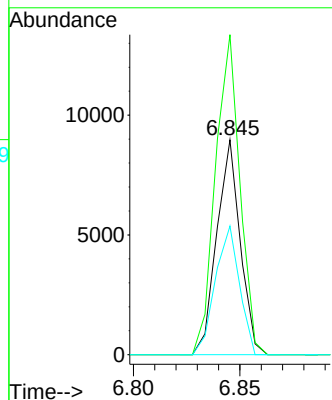
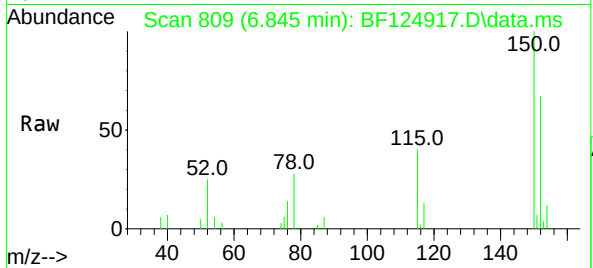




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

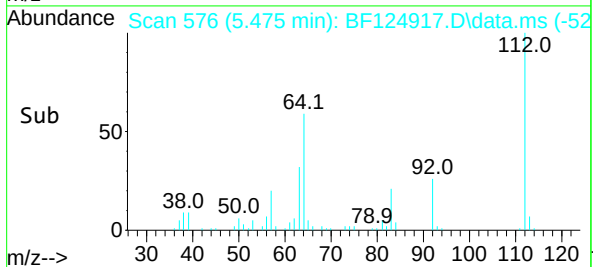
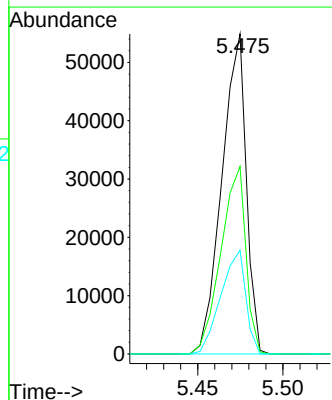
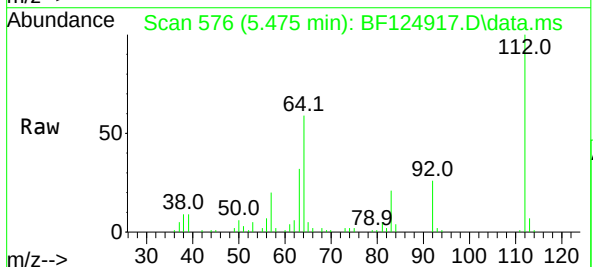
Instrument :
BNA_F
ClientSampleId :
PB138162BL

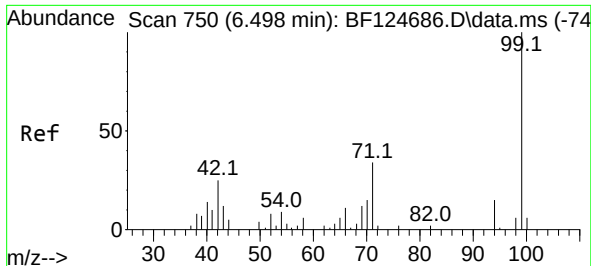
Tgt Ion:152 Resp: 6849
Ion Ratio Lower Upper
152 100
150 148.9 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 135.112 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

Tgt Ion:112 Resp: 54654
Ion Ratio Lower Upper
112 100
64 58.6 44.2 66.2
63 32.4 26.2 39.2

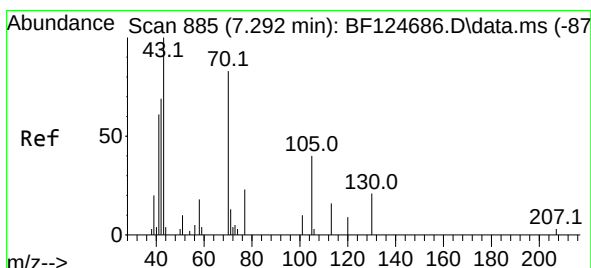
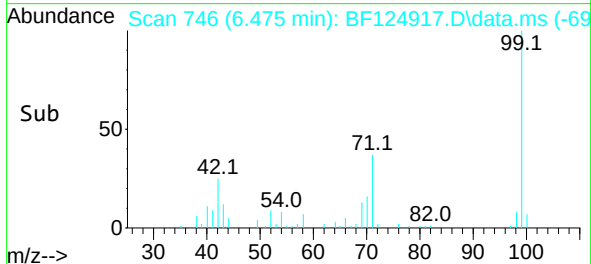
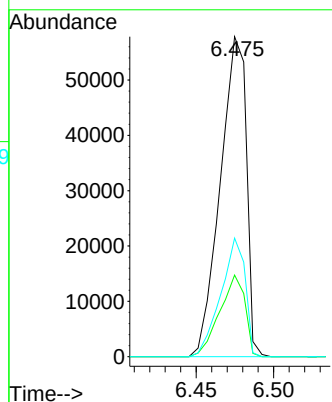
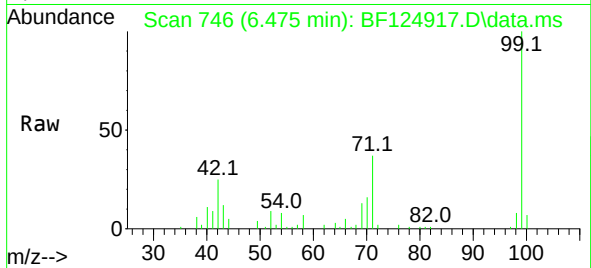




#7
Phenol-d6
Concen: 133.339 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

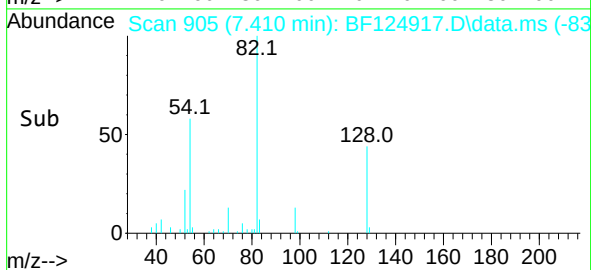
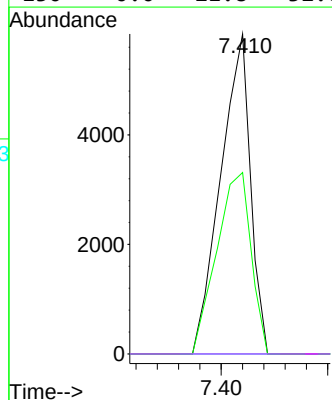
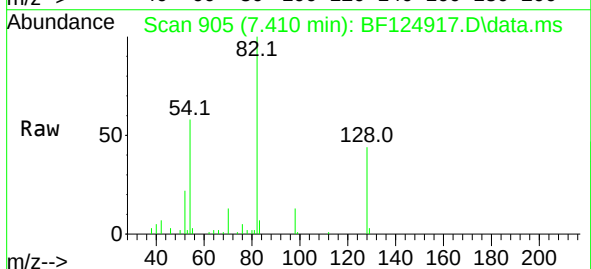
Instrument :
BNA_F
ClientSampleId :
PB138162BL

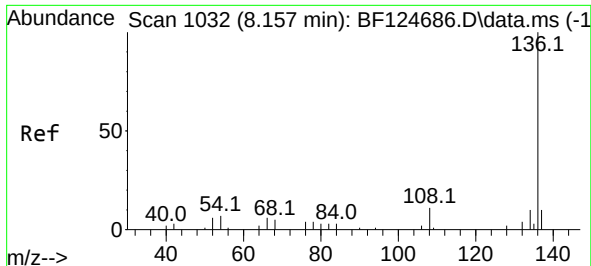
Tgt Ion: 99 Resp: 67618
Ion Ratio Lower Upper
99 100
42 25.5 23.5 35.3
71 37.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.909 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

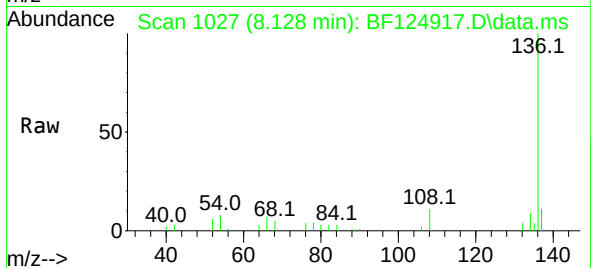
Tgt Ion: 70 Resp: 5662
Ion Ratio Lower Upper
70 100
42 56.7 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



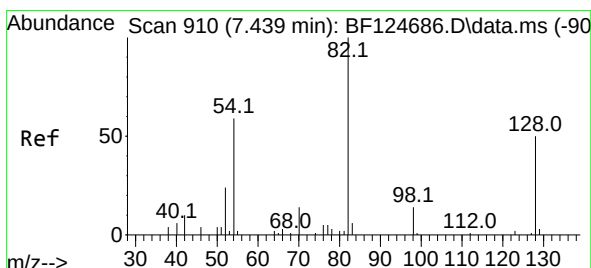
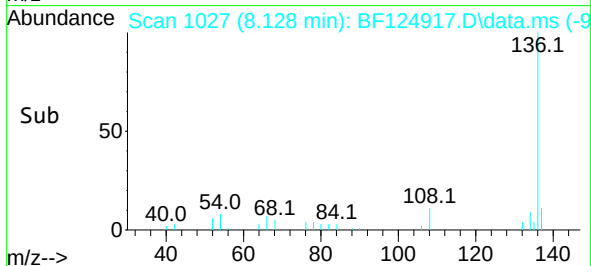
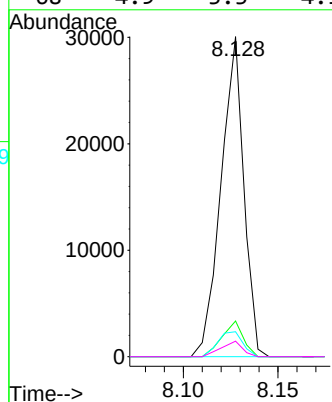


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

Instrument :
BNA_F
ClientSampleId :
PB138162BL

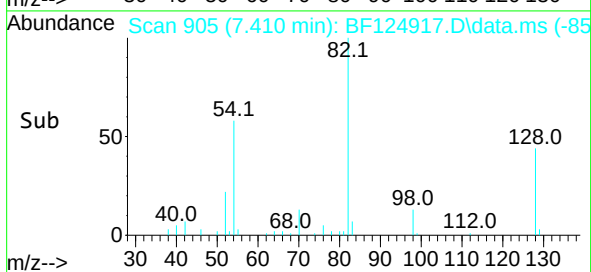
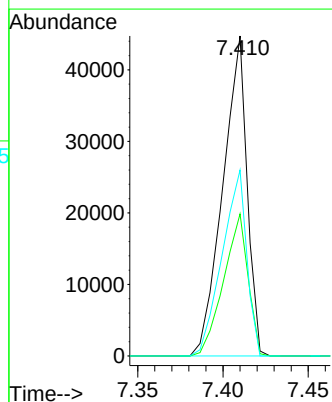
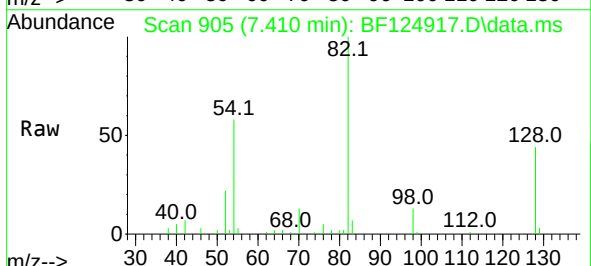


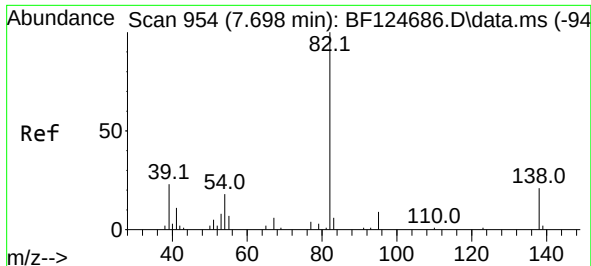
Tgt Ion:136 Resp: 25201
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 7.8 6.4 9.6
68 4.9 3.3 4.9



#23
Nitrobenzene-d5
Concen: 104.584 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

Tgt Ion: 82 Resp: 44283
Ion Ratio Lower Upper
82 100
128 44.4 40.6 60.8
54 58.1 49.6 74.4

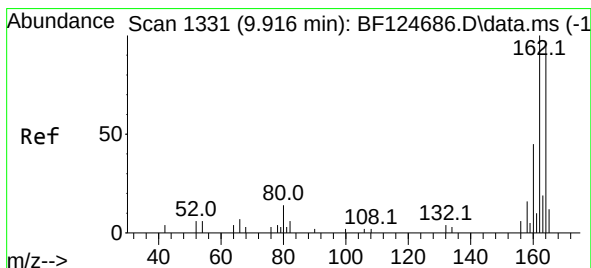
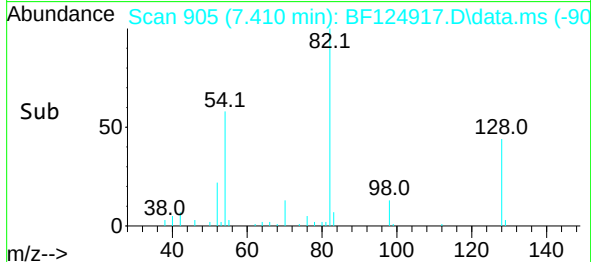
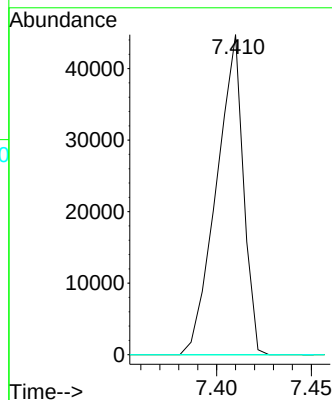
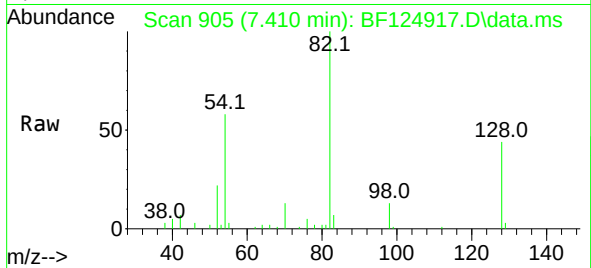




#25
Isophorone
Concen: 59.145 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

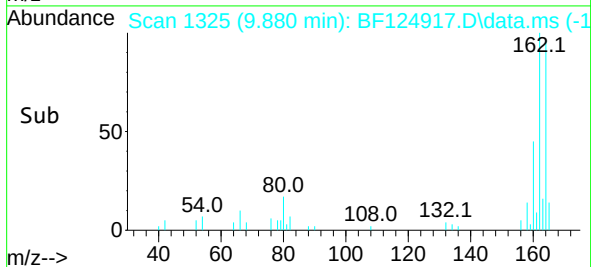
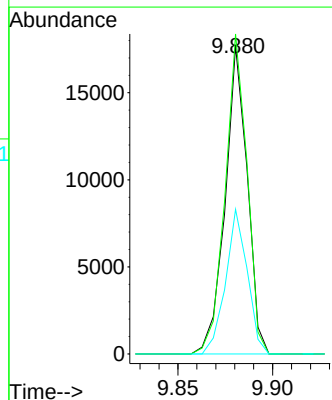
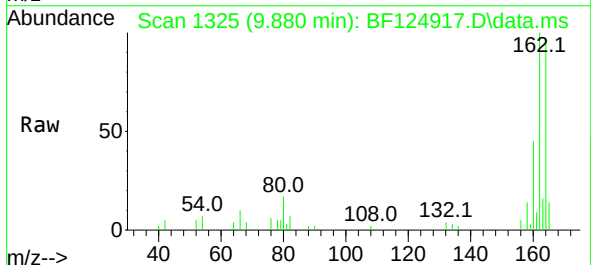
Instrument :
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ClientSampleId :
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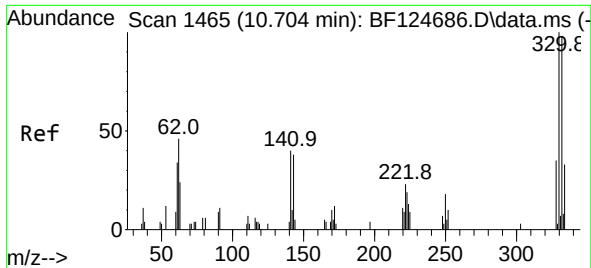
Tgt Ion: 82 Resp: 44282
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

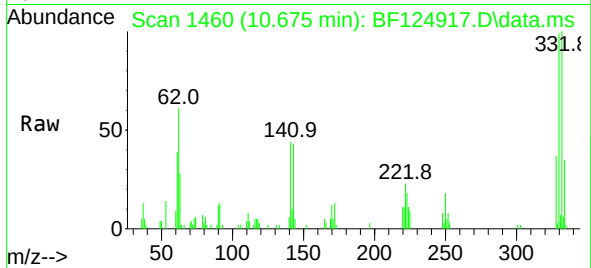
Tgt Ion: 164 Resp: 14323
Ion Ratio Lower Upper
164 100
162 103.9 81.3 121.9
160 46.9 38.0 57.0



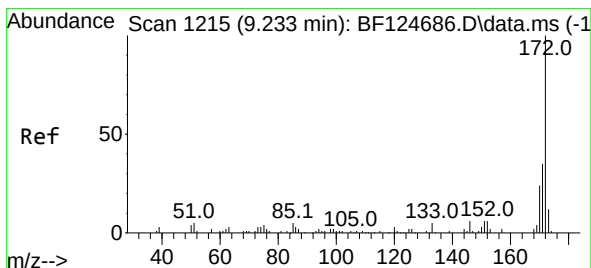
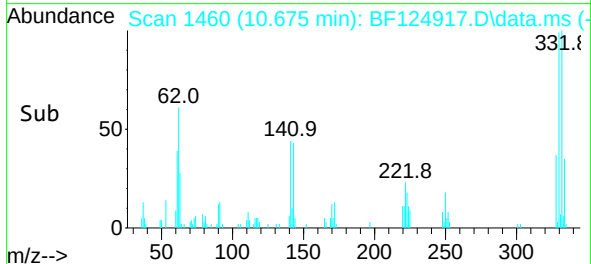
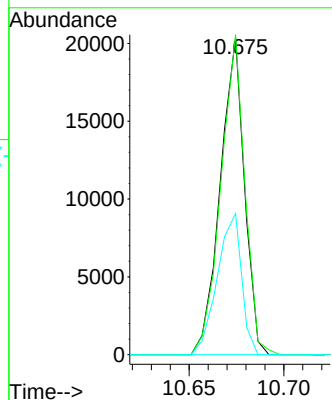


#42
2,4,6-Tribromophenol
Concen: 146.589 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

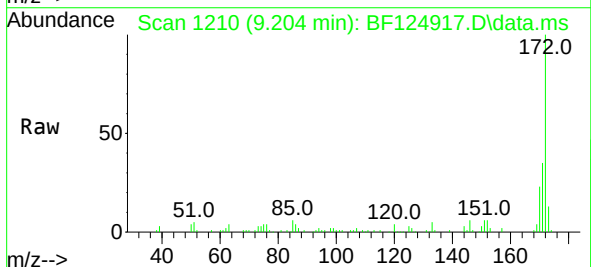
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ClientSampleId :
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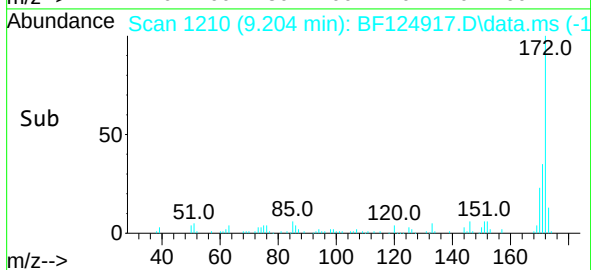
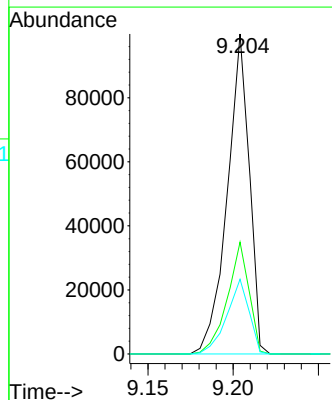
Tgt Ion: 330 Resp: 18027
Ion Ratio Lower Upper
330 100
332 100.0 76.2 114.4
141 44.8 44.6 66.8

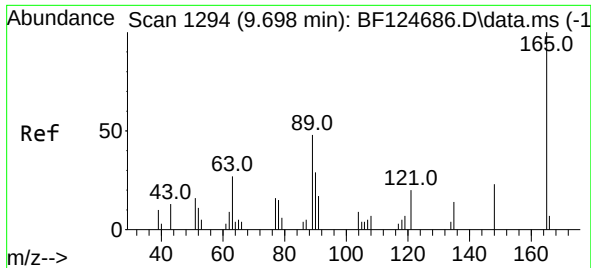


#45
2-Fluorobiphenyl
Concen: 91.942 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07



Tgt Ion: 172 Resp: 89660
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.4 18.8 28.2

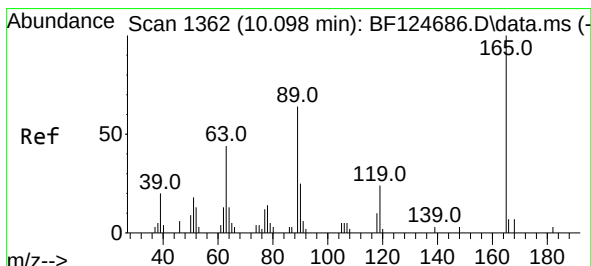
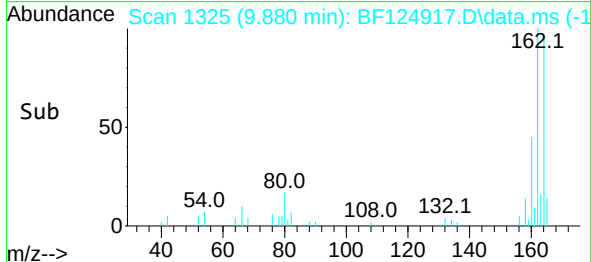
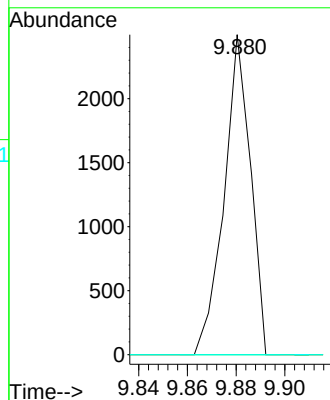
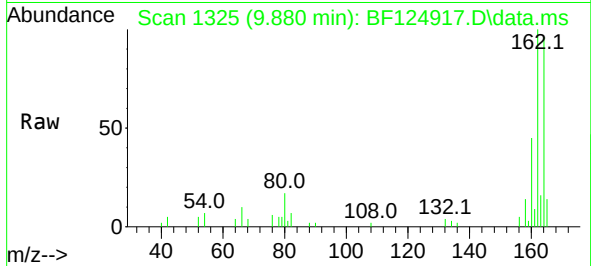




#51
2,6-Dinitrotoluene
Concen: 8.624 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

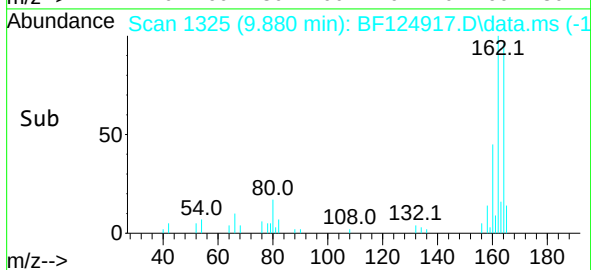
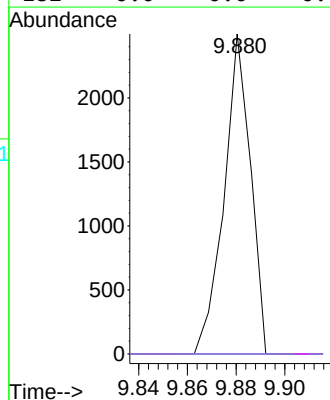
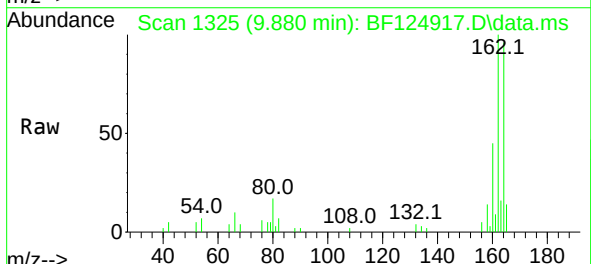
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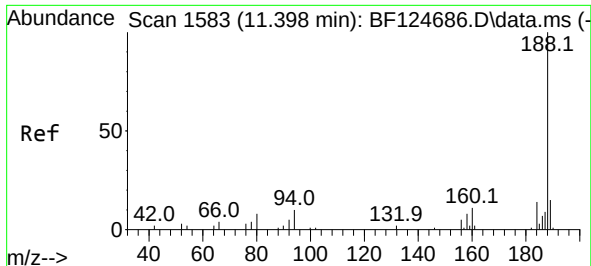
Tgt Ion:165 Resp: 1879
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

Tgt Ion:165 Resp: 1879
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

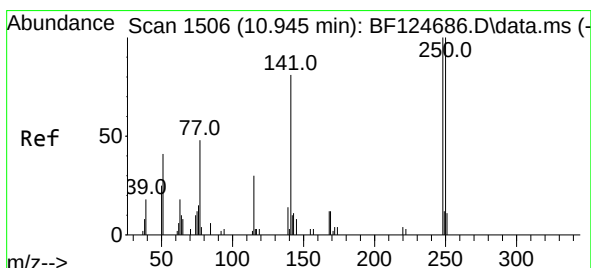
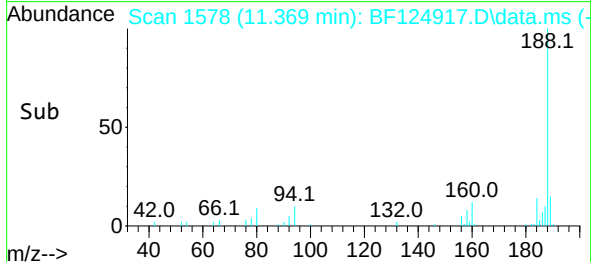
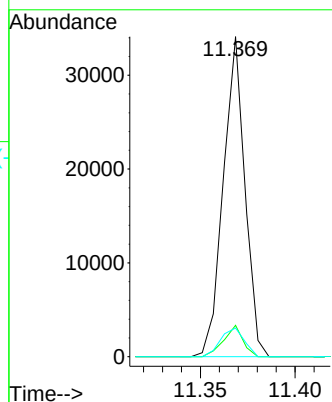
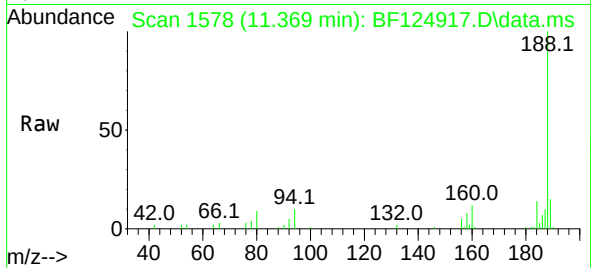




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

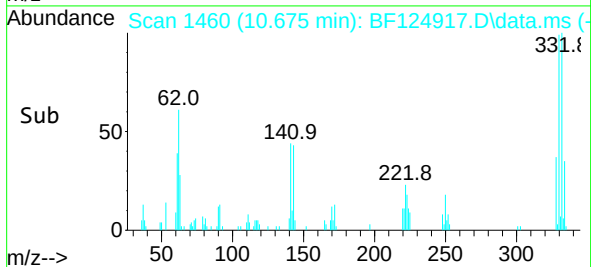
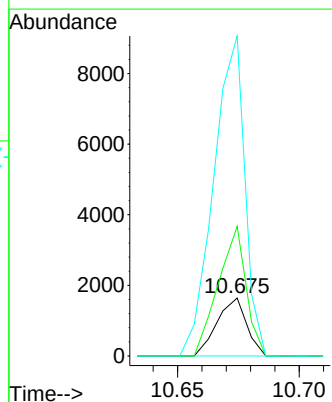
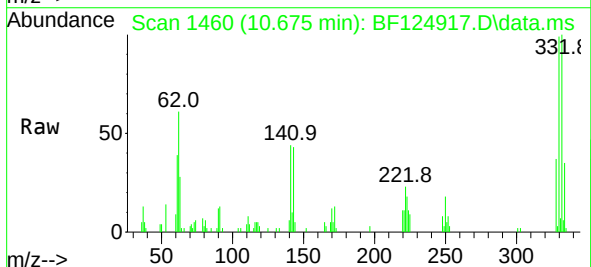
Instrument :
BNA_F
ClientSampleId :
PB138162BL

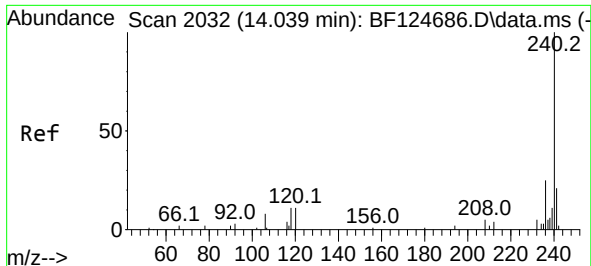
Tgt Ion:188 Resp: 27082
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.819 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

Tgt Ion:248 Resp: 1384
Ion Ratio Lower Upper
248 100
250 223.7 74.2 111.4#
141 552.3 60.4 90.6#

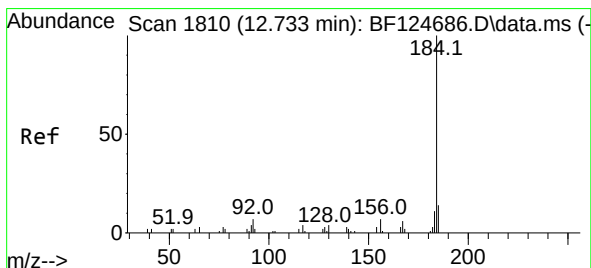
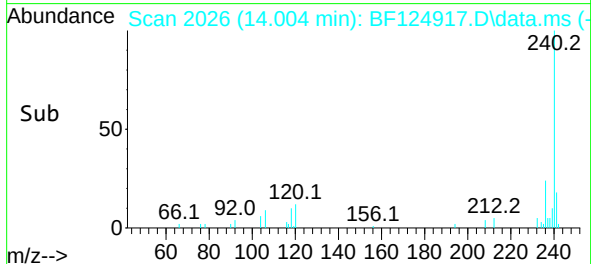
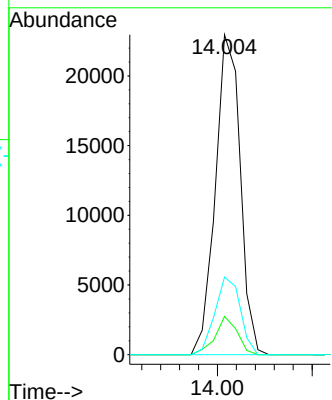
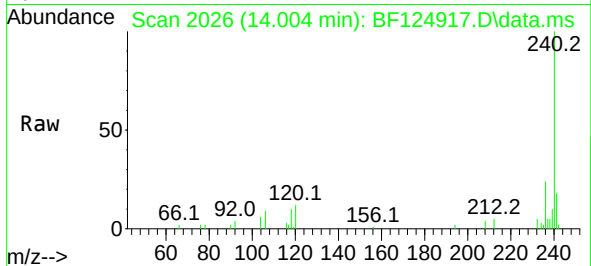




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

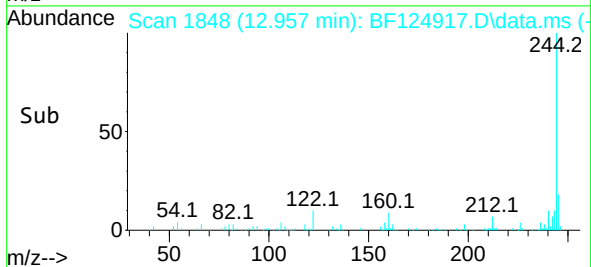
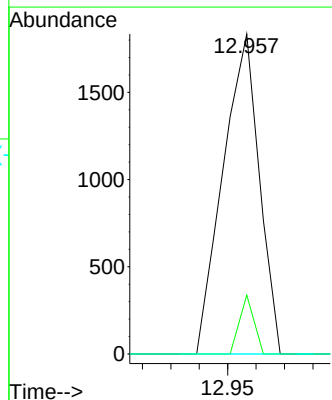
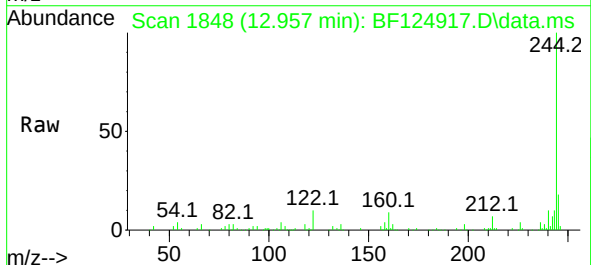
Instrument :
BNA_F
ClientSampleId :
PB138162BL

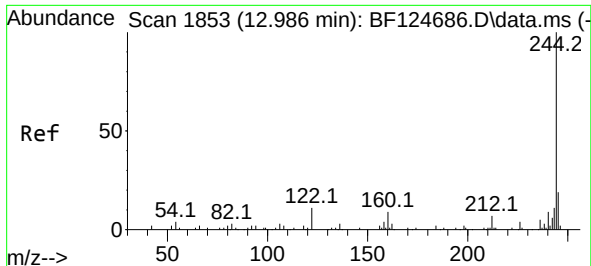
Tgt Ion:240 Resp: 20919
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 24.2 21.6 32.4



#77
Benzidine
Concen: 2.760 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

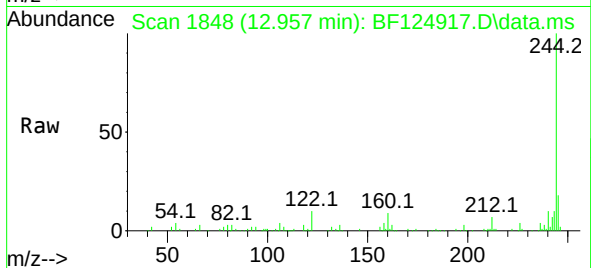
Tgt Ion:184 Resp: 1628
Ion Ratio Lower Upper
184 100
185 18.4 10.8 16.2#
183 0.0 8.1 12.1#



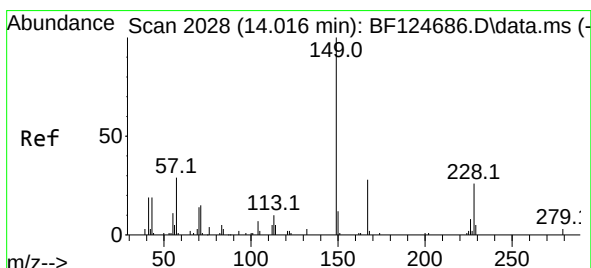
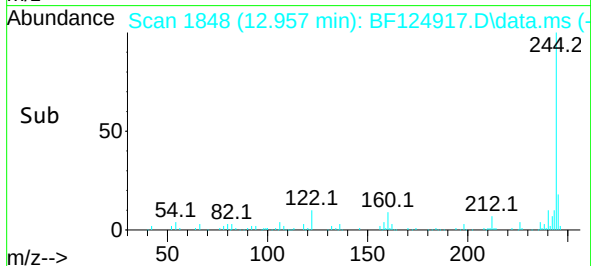
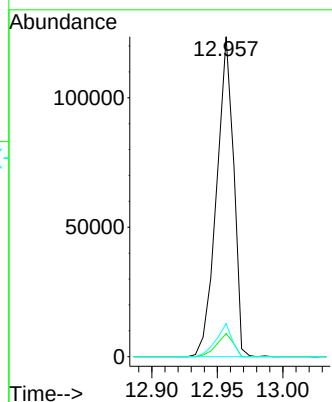


#79
 Terphenyl-d14
 Concen: 91.341 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124917.D
 Acq: 3 Aug 2021 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB138162BL

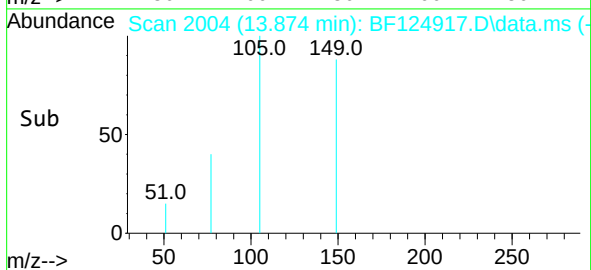
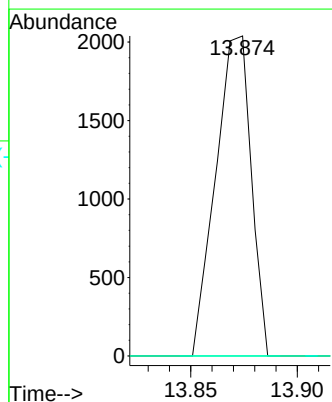
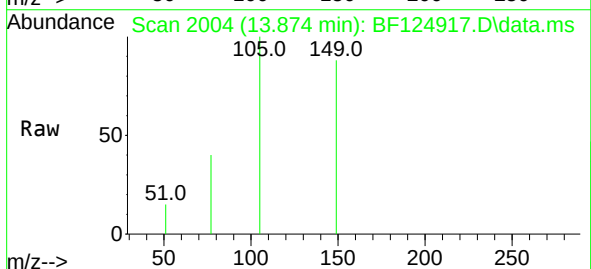


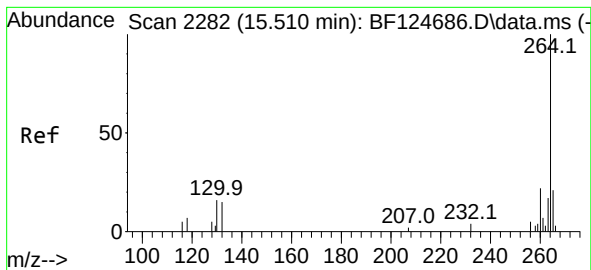
Tgt Ion:244 Resp: 111470
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.024 ng
 RT: 13.874 min Scan# 2004
 Delta R.T. -0.118 min
 Lab File: BF124917.D
 Acq: 3 Aug 2021 16:07

Tgt Ion:149 Resp: 2365
 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: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF124917.D
Acq: 3 Aug 2021 16:07

Instrument :
BNA_F
ClientSampleId :
PB138162BL

Tgt Ion:264 Resp: 16478

Ion	Ratio	Lower	Upper
264	100		
260	21.2	19.6	29.4
265	19.9	17.2	25.8

