

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124921.D
 Acq On : 3 Aug 2021 18:18
 Operator : JU/CG
 Sample : PB138162TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138162TB

Quant Time: Aug 04 05:06:56 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)

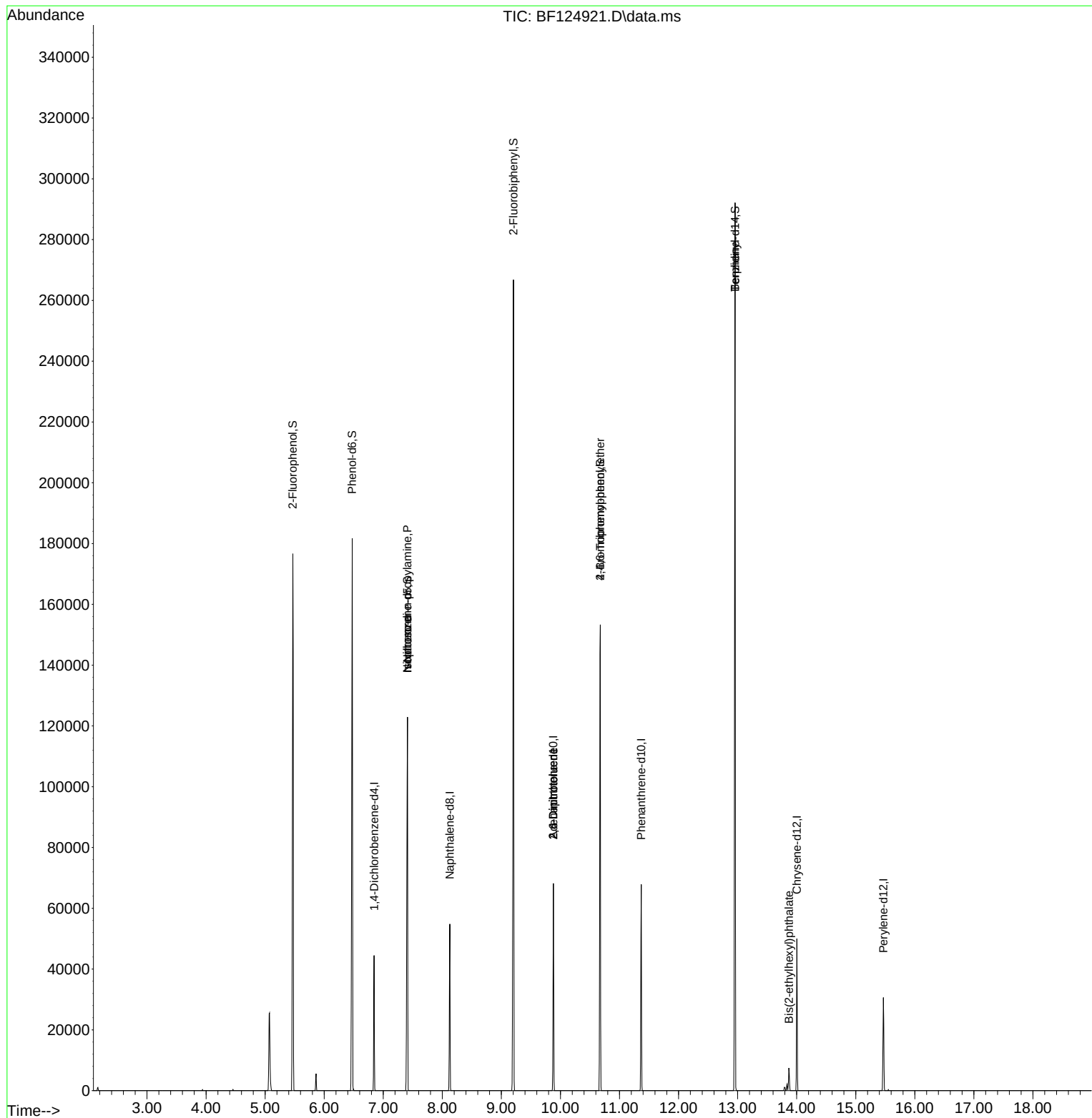
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6312	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	23696	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	13418	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	24409	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	17770	20.000	ng	-0.02
86) Perylene-d12	15.468	264	14038	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	50137	134.490	ng	0.00
7) Phenol-d6	6.475	99	59430	127.163	ng	-0.01
23) Nitrobenzene-d5	7.410	82	40351	101.350	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	16209	140.695	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	80555	88.176	ng	-0.01
79) Terphenyl-d14	12.957	244	93980	90.656	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	5330	21.358	ng	# 66
25) Isophorone	7.410	82	40351	57.318	ng	# 59
51) 2,6-Dinitrotoluene	9.881	165	1606	7.868	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	1606	5.798	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	1321	5.103	ng	# 1
77) Benzidine	12.957	184	1406	2.806	ng	# 69
84) Bis(2-ethylhexyl)phtha...	13.868	149	2173	2.189	ng	# 53

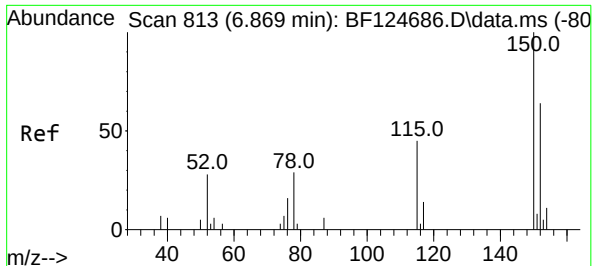
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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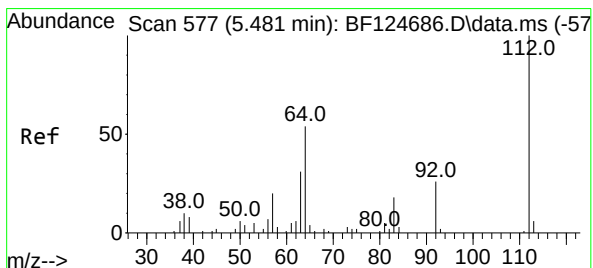
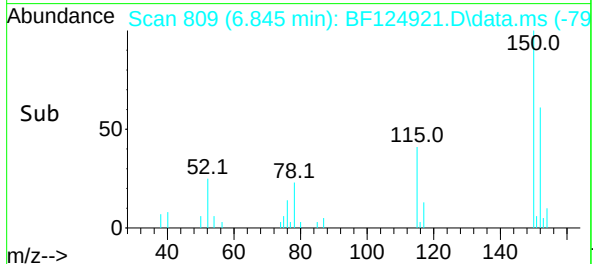
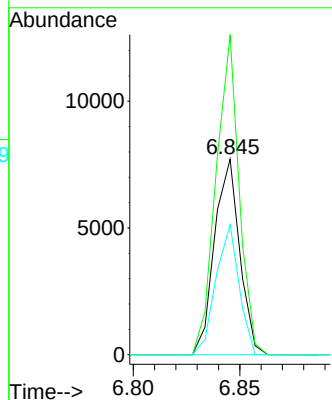
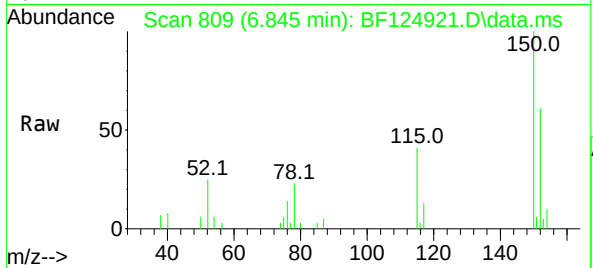




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

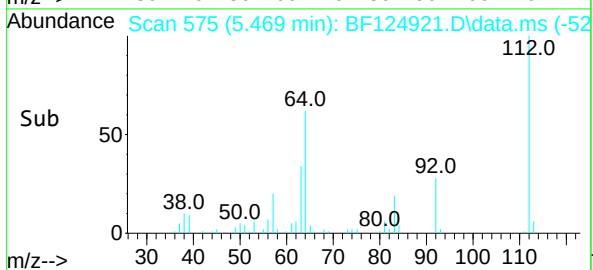
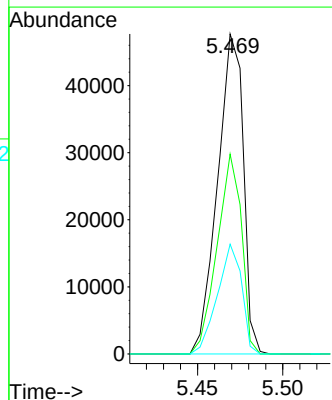
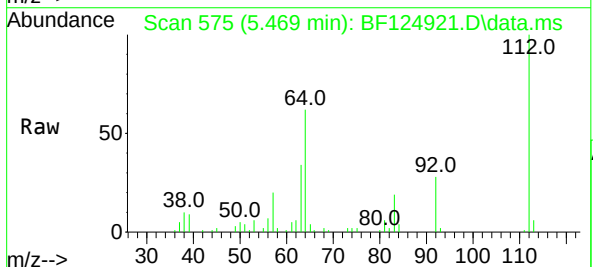
Instrument :
BNA_F
ClientSampleId :
PB138162TB

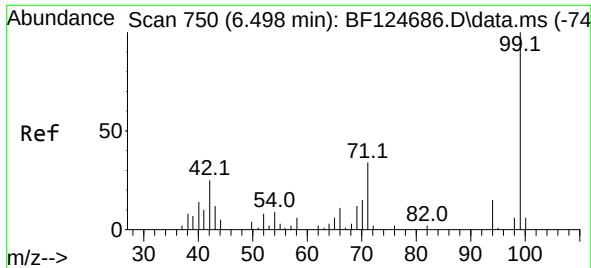
Tgt Ion:152 Resp: 6312
Ion Ratio Lower Upper
152 100
150 163.7 117.6 176.4
115 66.4 47.1 70.7



#5
2-Fluorophenol
Concen: 134.490 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:112 Resp: 50137
Ion Ratio Lower Upper
112 100
64 62.4 44.2 66.2
63 34.3 26.2 39.2

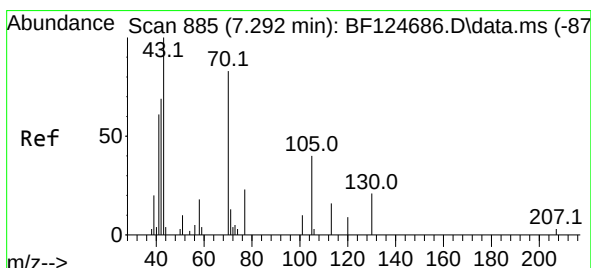
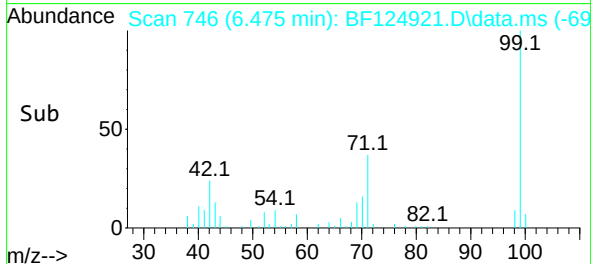
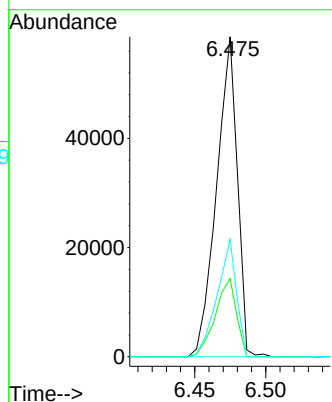
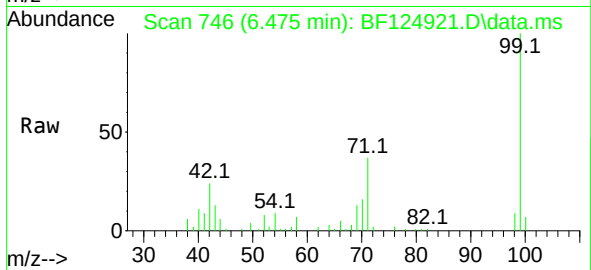




#7
Phenol-d6
Concen: 127.163 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

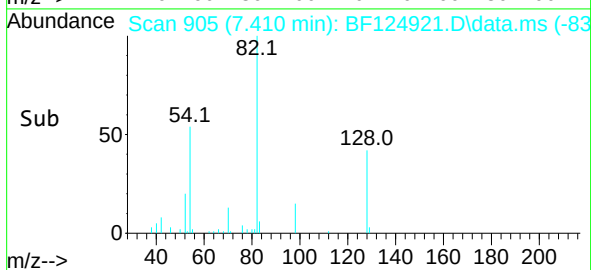
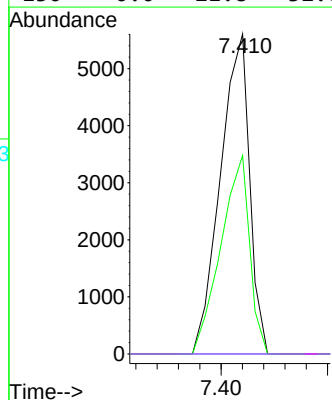
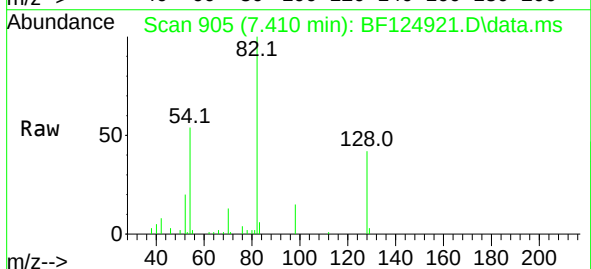
Instrument :
BNA_F
ClientSampleId :
PB138162TB

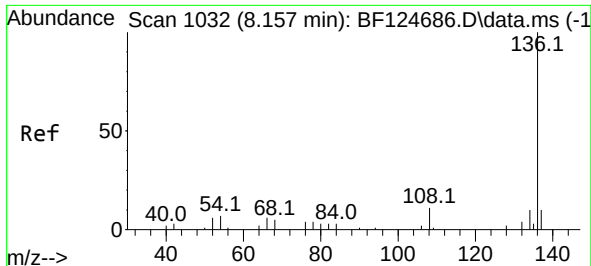
Tgt Ion: 99 Resp: 59430
Ion Ratio Lower Upper
99 100
42 24.4 23.5 35.3
71 36.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.358 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion: 70 Resp: 5330
Ion Ratio Lower Upper
70 100
42 62.1 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

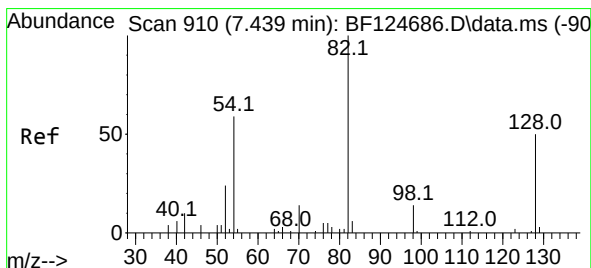
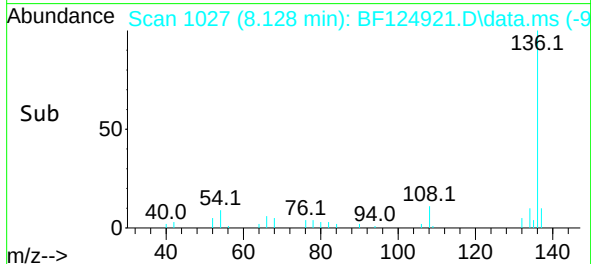
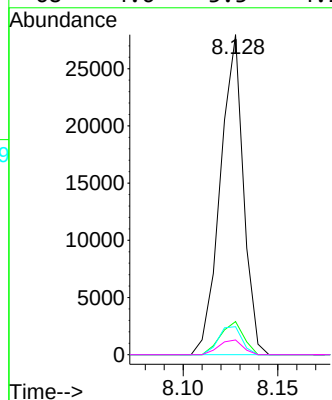
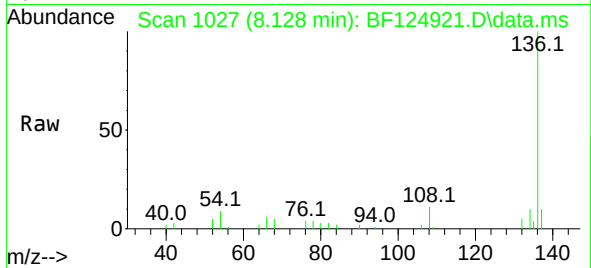




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

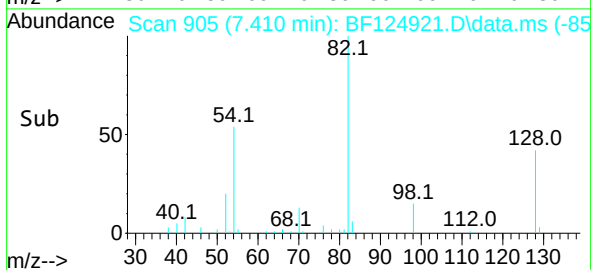
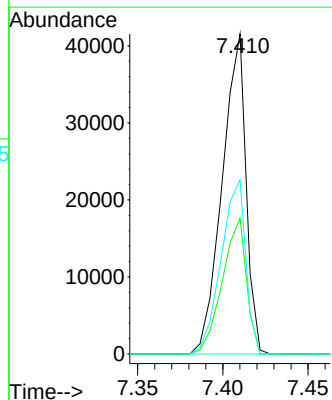
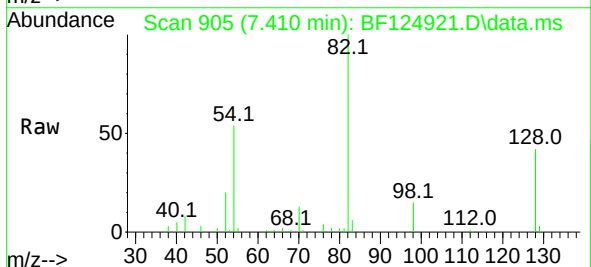
Instrument :
BNA_F
ClientSampleId :
PB138162TB

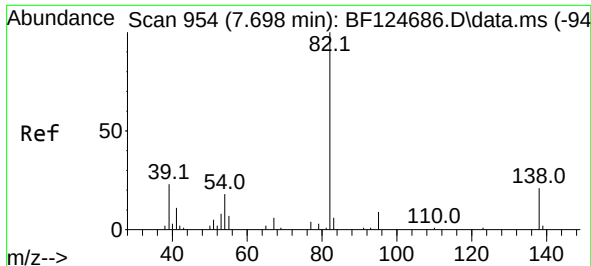
Tgt Ion:136	Resp:	23696
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.8 14.6
54	8.7	6.4 9.6
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 101.350 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion: 82	Resp:	40351
Ion Ratio	Lower	Upper
82	100	
128	42.4	40.6 60.8
54	54.4	49.6 74.4

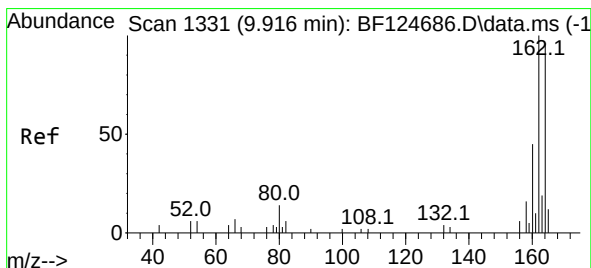
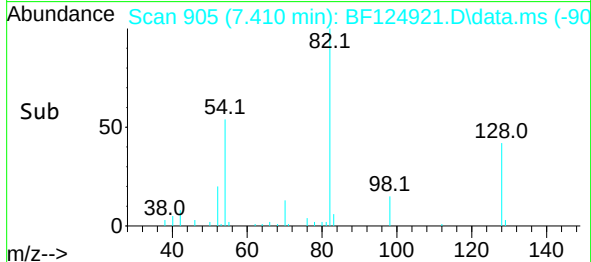
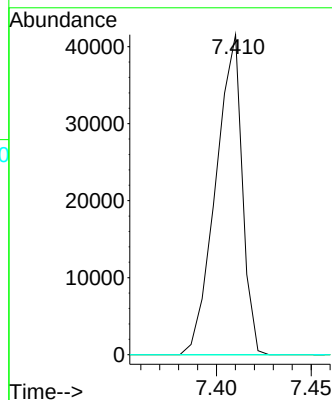
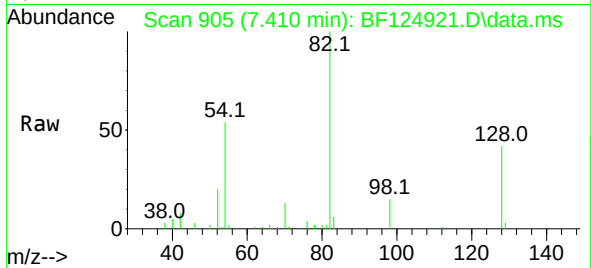




#25
Isophorone
Concen: 57.318 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

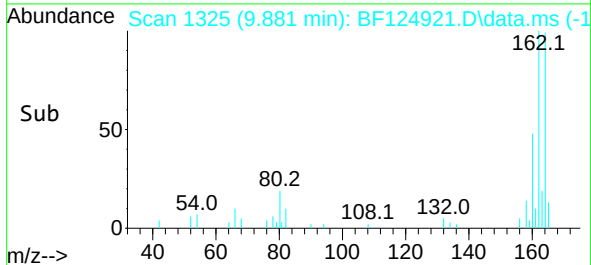
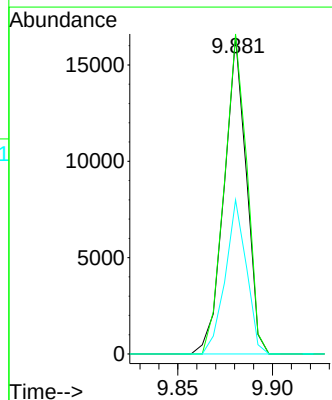
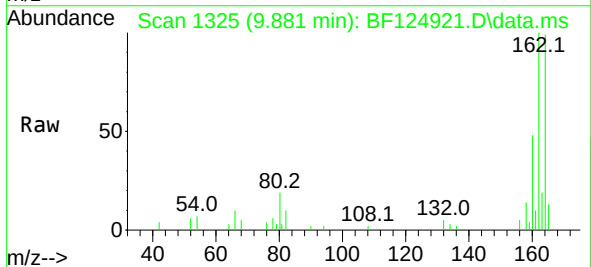
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ClientSampleId :
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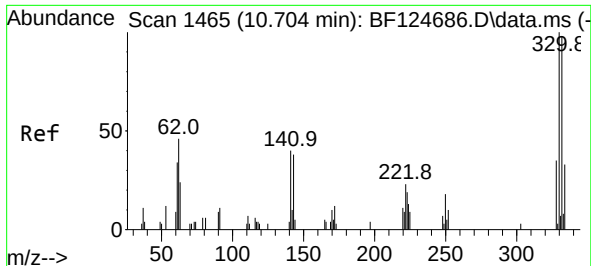
Tgt Ion: 82 Resp: 40351
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

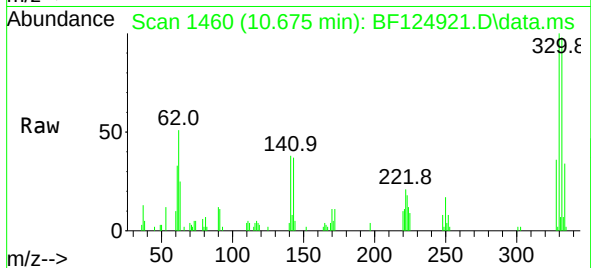
Tgt Ion:164 Resp: 13418
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 48.5 38.0 57.0



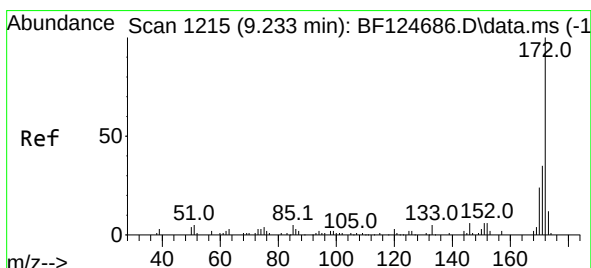
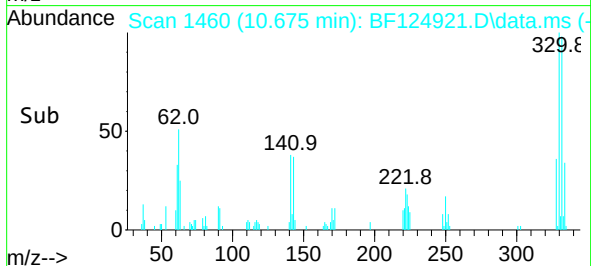
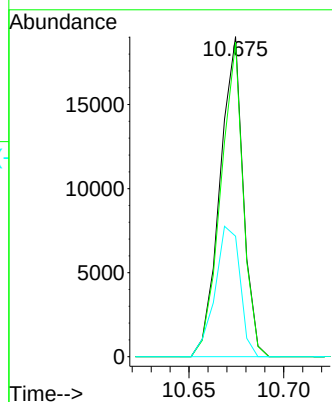


#42
2,4,6-Tribromophenol
Concen: 140.695 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

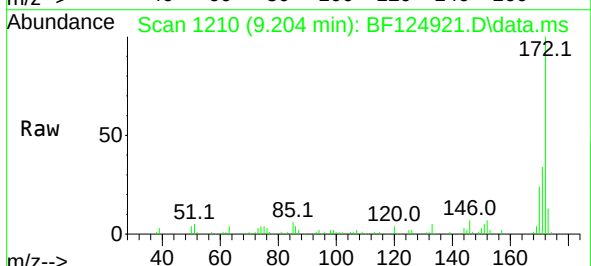
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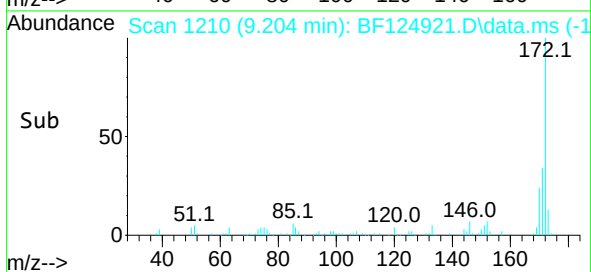
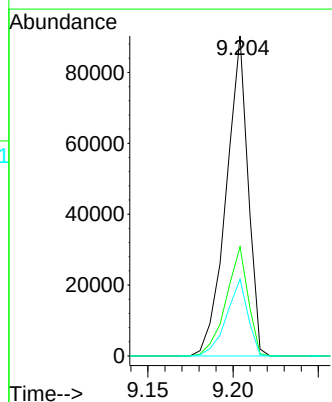
Tgt Ion: 330 Resp: 16209
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 44.1 44.6 66.8#

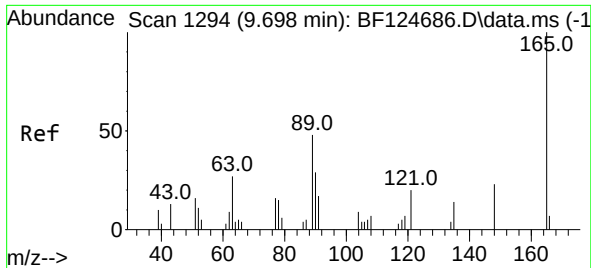


#45
2-Fluorobiphenyl
Concen: 88.176 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18



Tgt Ion: 172 Resp: 80555
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 24.0 18.8 28.2

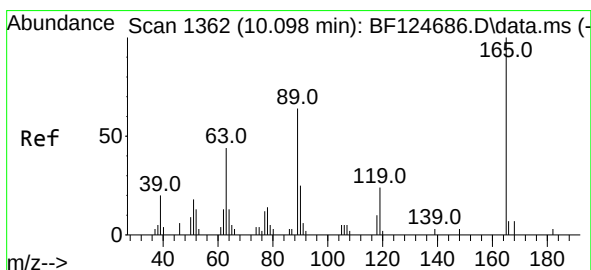
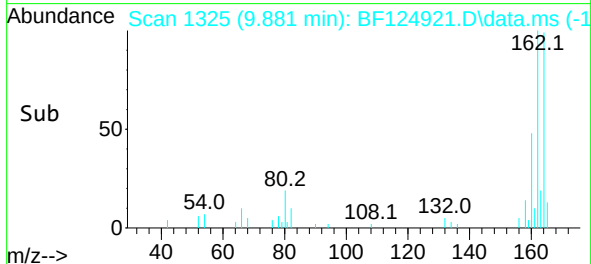
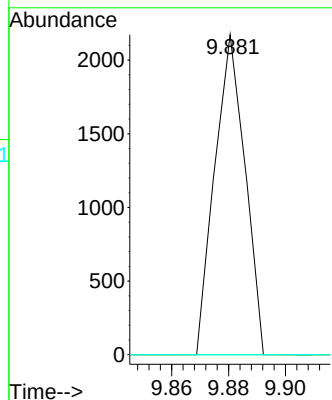
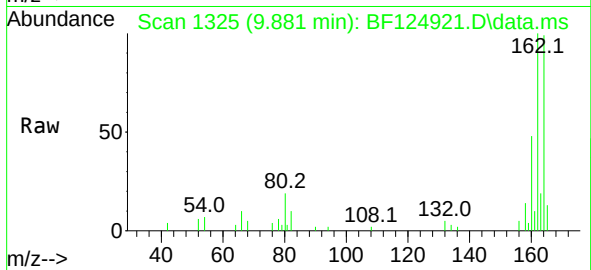




#51
2,6-Dinitrotoluene
Concen: 7.868 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

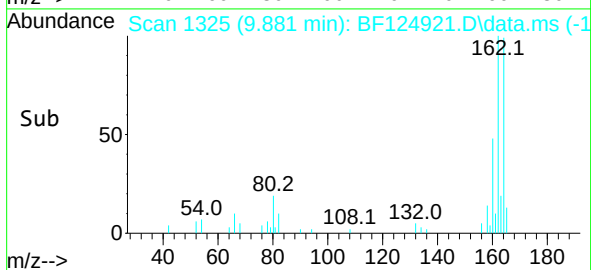
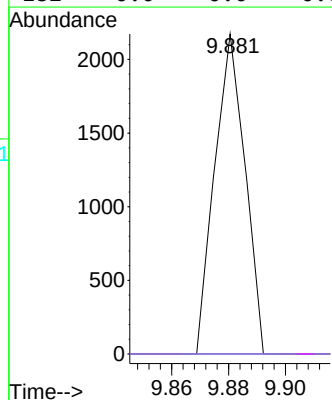
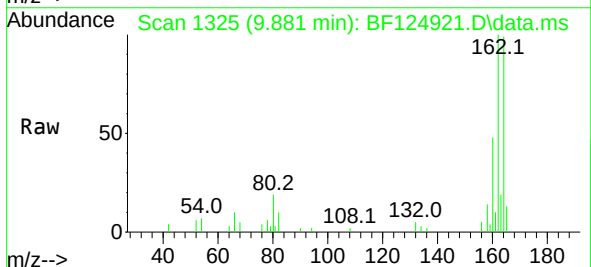
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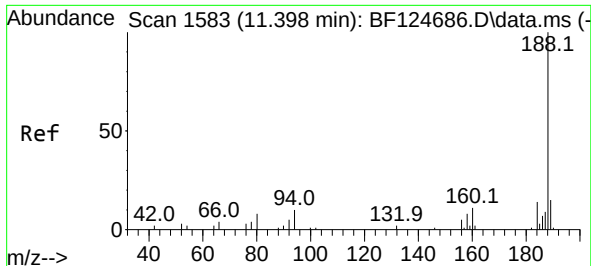
Tgt Ion:165 Resp: 1606
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.798 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:165 Resp: 1606
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

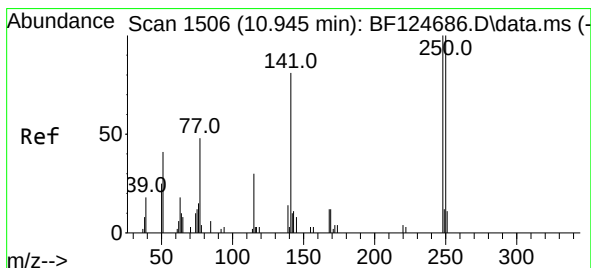
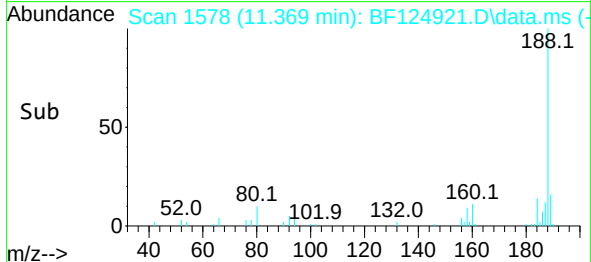
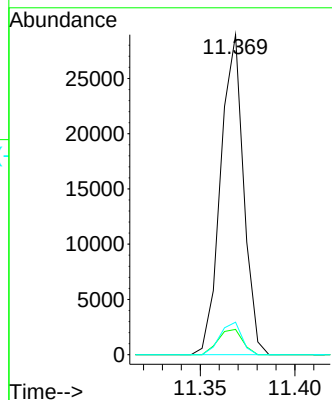
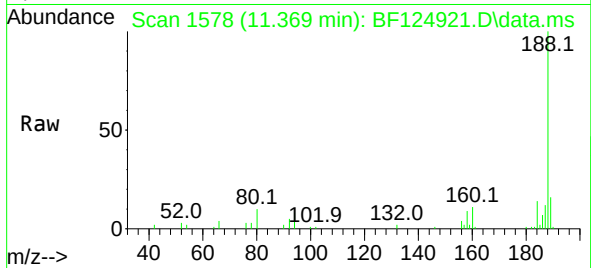




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

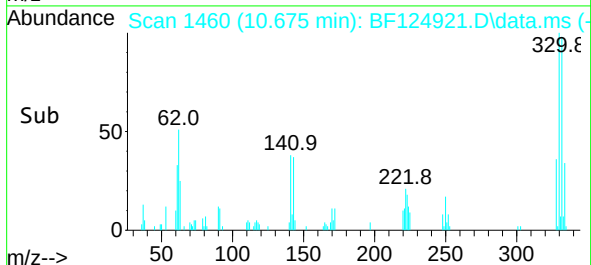
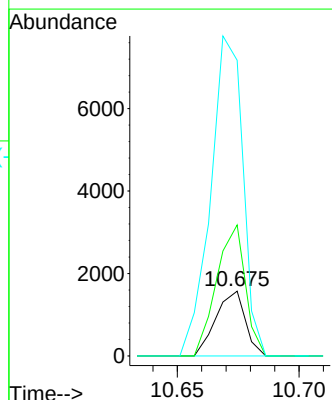
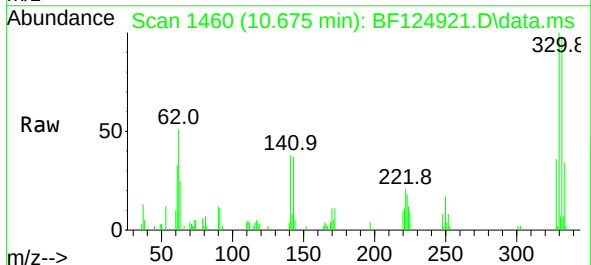
Instrument :
BNA_F
ClientSampleId :
PB138162TB

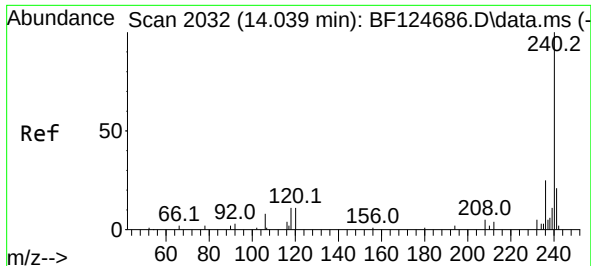
Tgt Ion:188 Resp: 24409
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.103 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:248 Resp: 1321
Ion Ratio Lower Upper
248 100
250 202.5 74.2 111.4#
141 456.8 60.4 90.6#

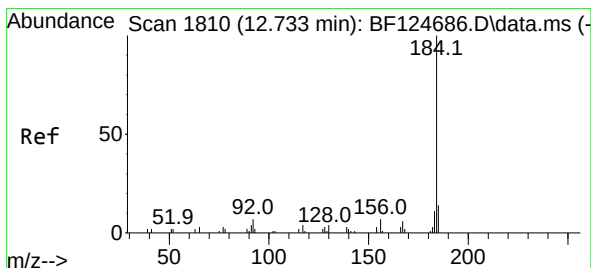
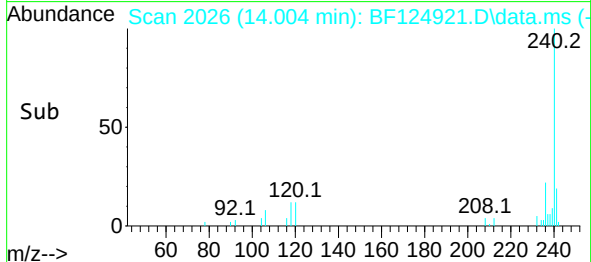
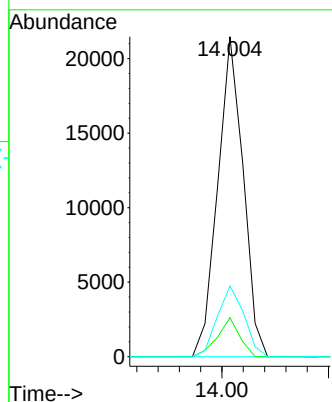
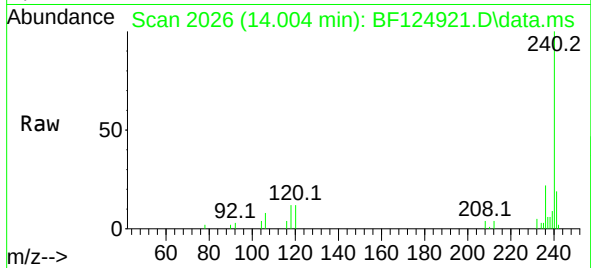




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

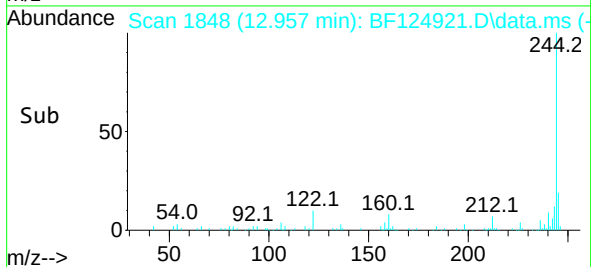
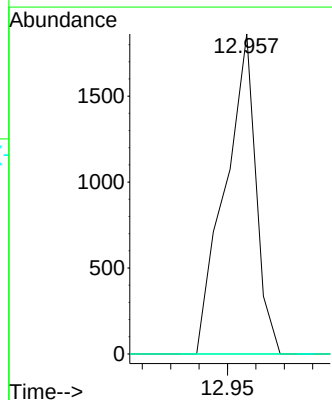
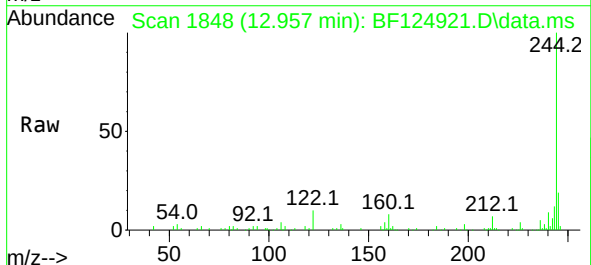
Instrument :
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ClientSampleId :
PB138162TB

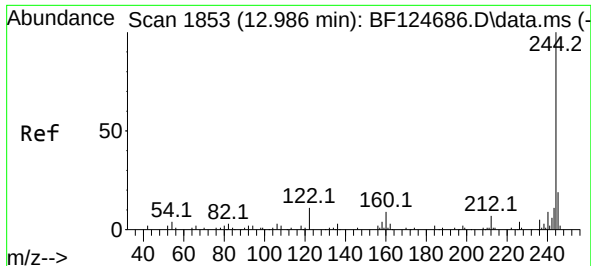
Tgt Ion:240 Resp: 17770
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 22.1 21.6 32.4



#77
Benzidine
Concen: 2.806 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

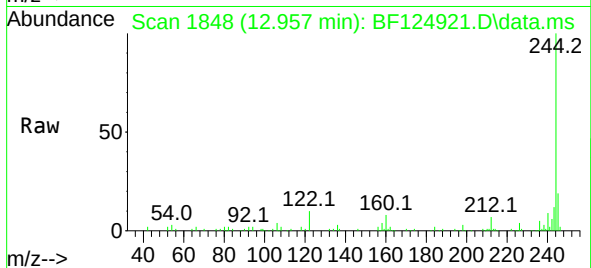
Tgt Ion:184 Resp: 1406
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



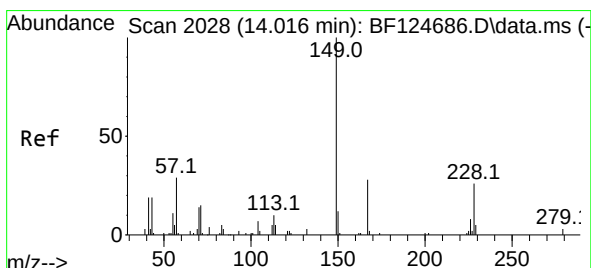
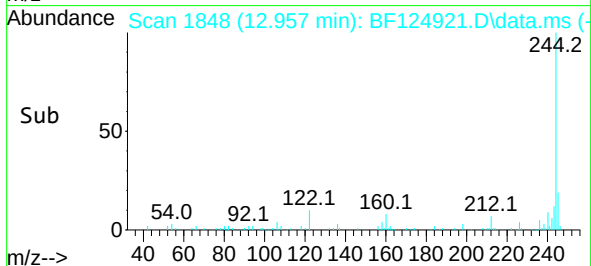
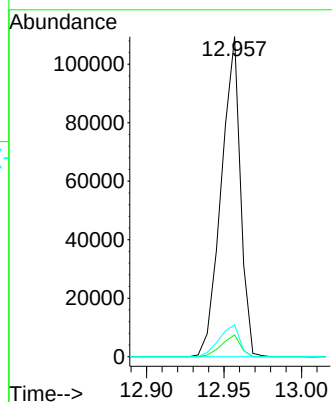


#79
 Terphenyl-d14
 Concen: 90.656 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124921.D
 Acq: 3 Aug 2021 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB138162TB

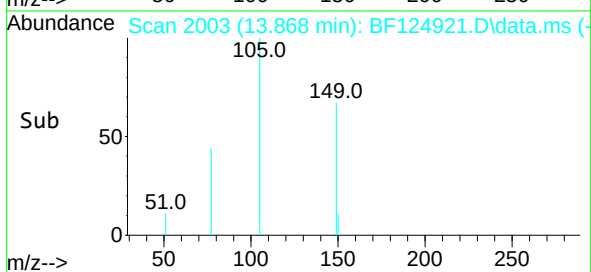
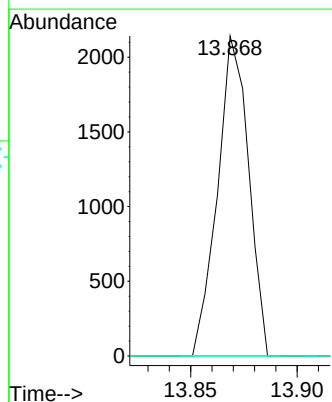
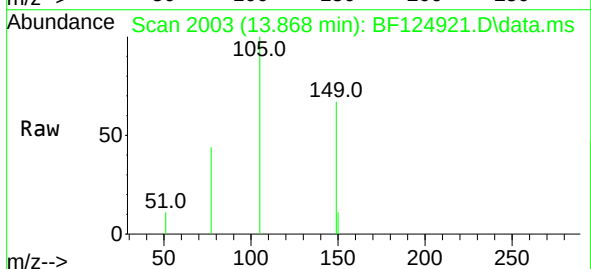


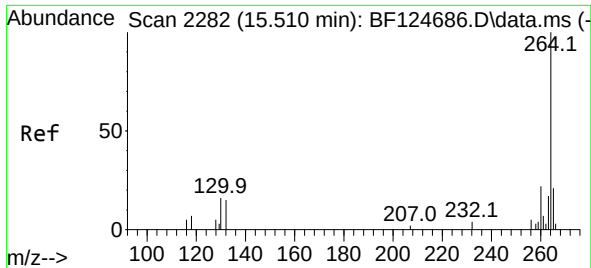
Tgt Ion:244 Resp: 93980
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.0 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.189 ng
 RT: 13.868 min Scan# 2003
 Delta R.T. -0.123 min
 Lab File: BF124921.D
 Acq: 3 Aug 2021 18:18

Tgt Ion:149 Resp: 2173
 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: BF124921.D
 Acq: 3 Aug 2021 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB138162TB

Tgt Ion:264 Resp: 14038
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.2 17.2 25.8

