

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124916.D
 Acq On : 3 Aug 2021 15:35
 Operator : JU/CG
 Sample : PB138115BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138115BL

Quant Time: Aug 03 16:28:59 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)

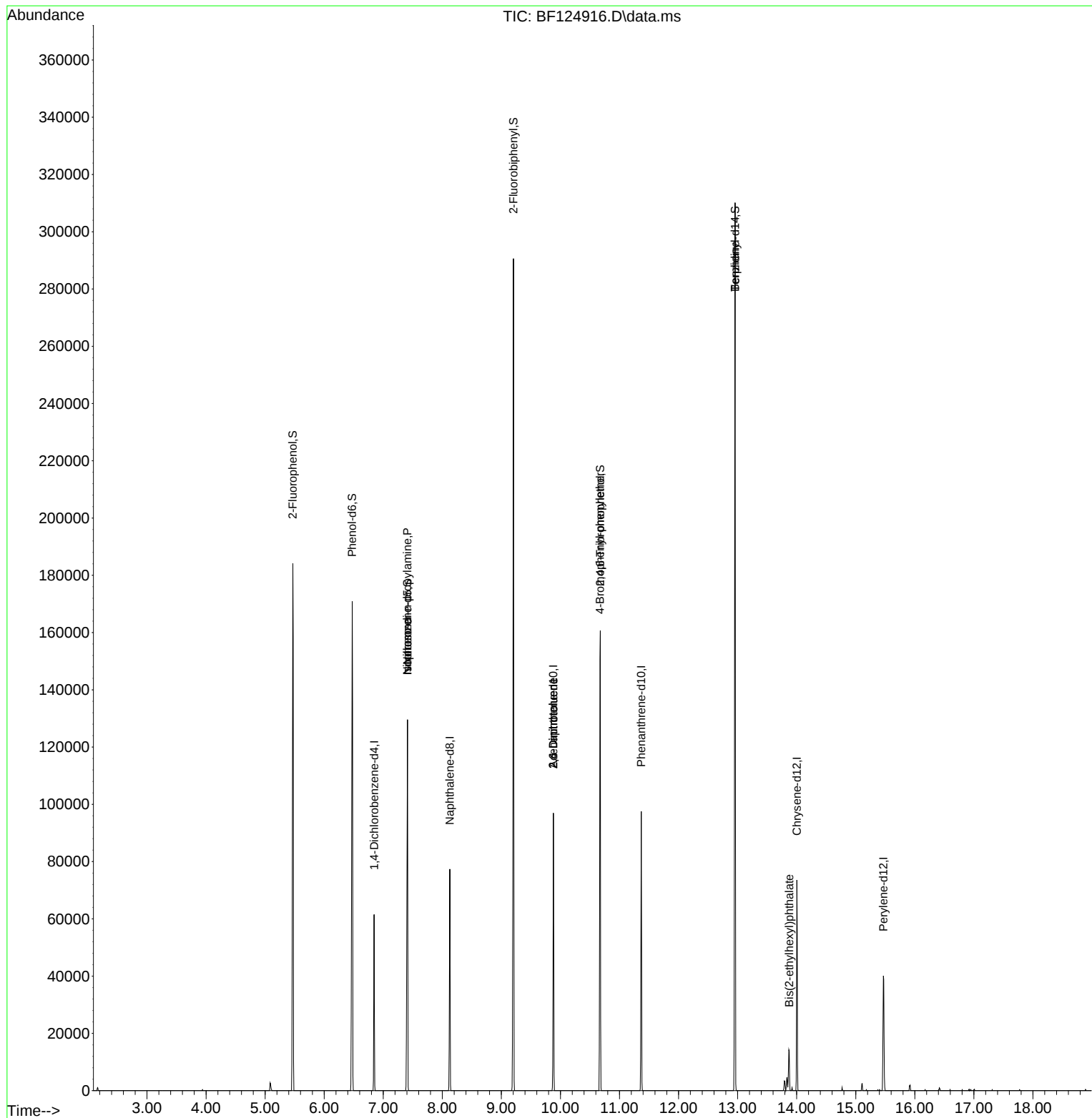
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	8165	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	32405	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	18558	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	34030	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	25603	20.000	ng	#-0.02
86) Perylene-d12	15.468	264	21138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	52893	109.683	ng	0.00
7) Phenol-d6	6.475	99	61571	101.845	ng	-0.01
23) Nitrobenzene-d5	7.410	82	40689	74.733	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	16770	105.248	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	84211	66.648	ng	-0.01
79) Terphenyl-d14	12.957	244	100870	67.534	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	5333	16.520	ng	# 61
25) Isophorone	7.410	82	40688	42.263	ng	# 59
51) 2,6-Dinitrotoluene	9.880	165	2376	8.416	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	2376	6.202	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	1385	3.838	ng	# 1
77) Benzidine	12.957	184	1532	2.122	ng	# 69
84) Bis(2-ethylhexyl)phtha...	13.874	149	5221	3.651	ng	# 53

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

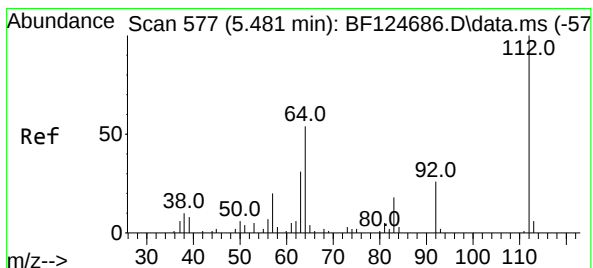
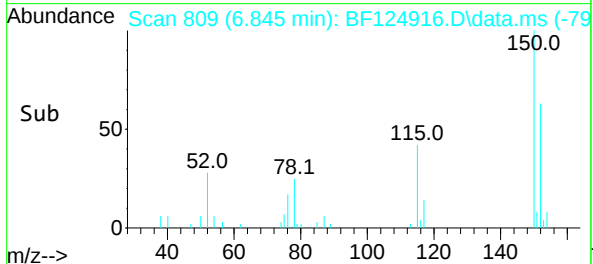
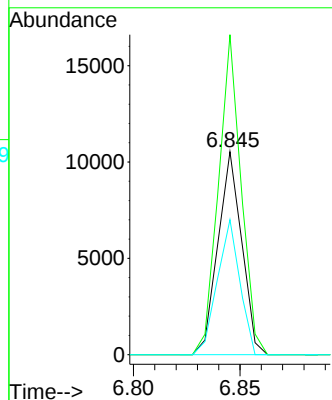
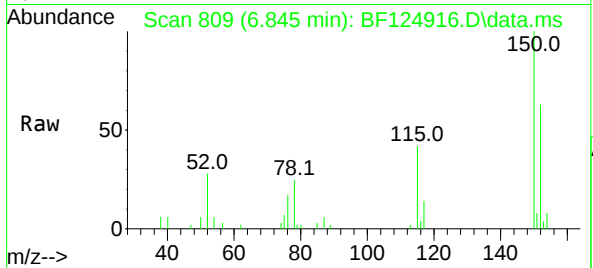




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

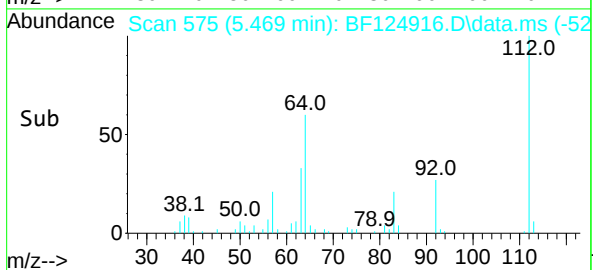
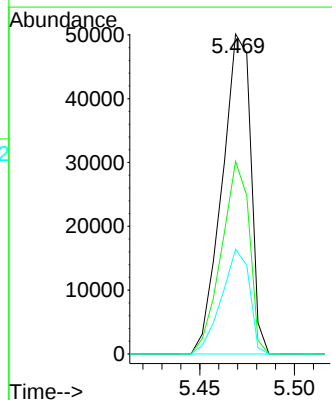
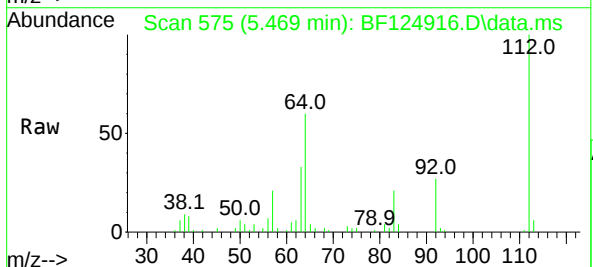
Instrument :
BNA_F
ClientSampleId :
PB138115BL

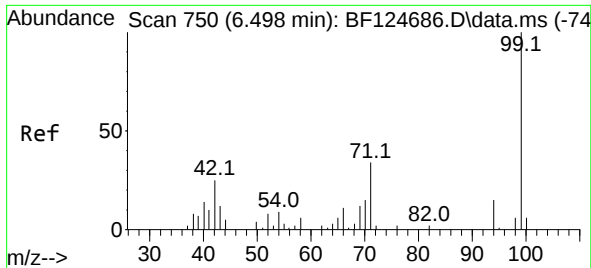
Tgt Ion:152 Resp: 8165
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 109.683 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:112 Resp: 52893
Ion Ratio Lower Upper
112 100
64 60.2 44.2 66.2
63 32.7 26.2 39.2

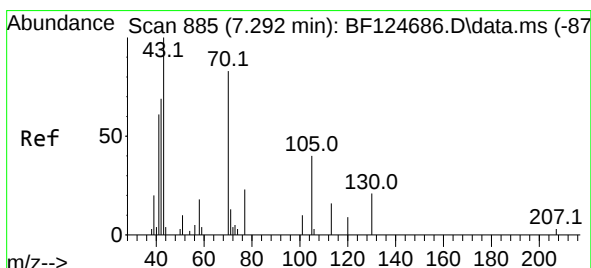
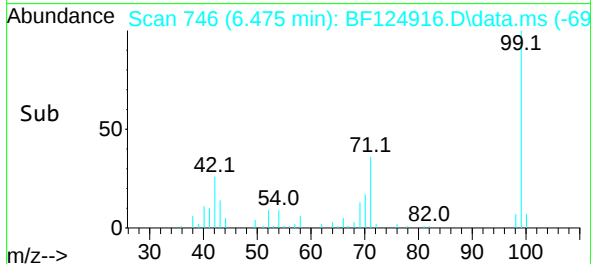
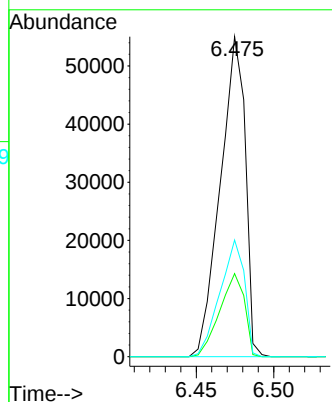
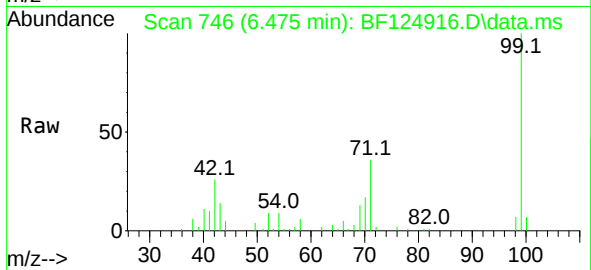




#7
Phenol-d6
Concen: 101.845 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

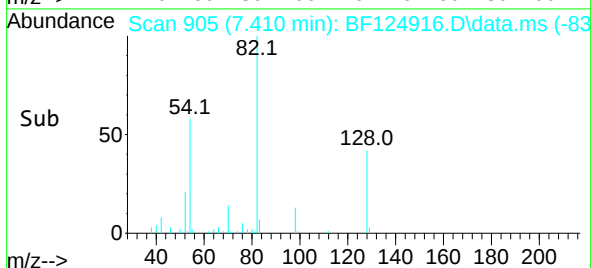
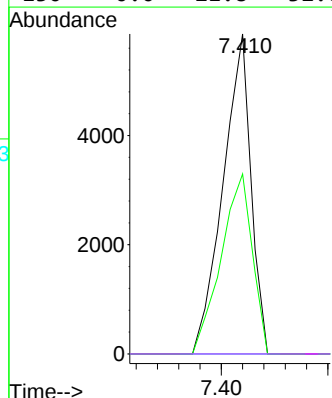
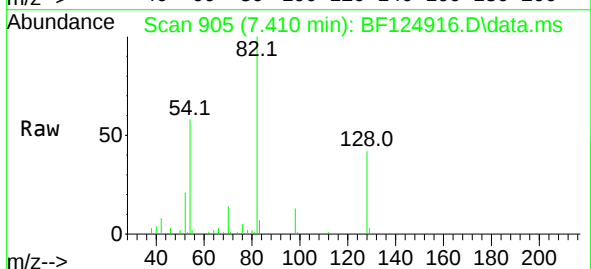
Instrument :
BNA_F
ClientSampleId :
PB138115BL

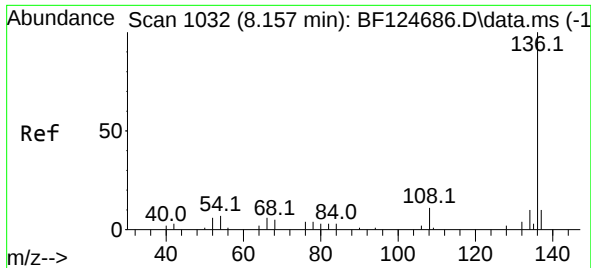
Tgt Ion: 99 Resp: 61571
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 36.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.520 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion: 70 Resp: 5333
Ion Ratio Lower Upper
70 100
42 56.3 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

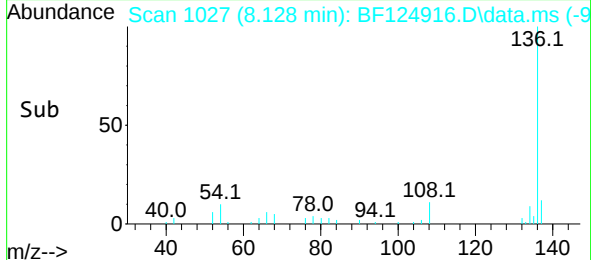
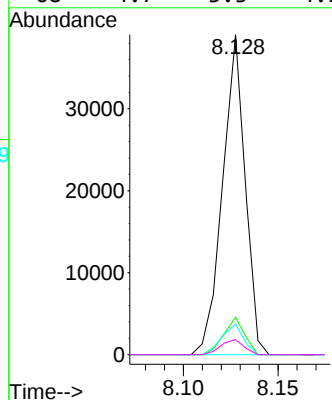
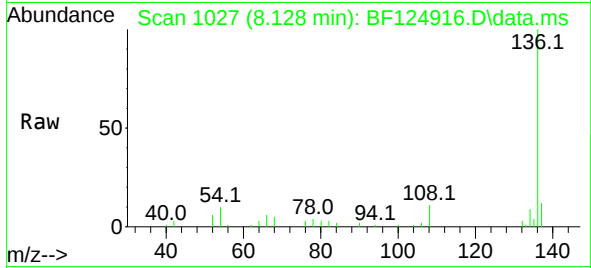




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

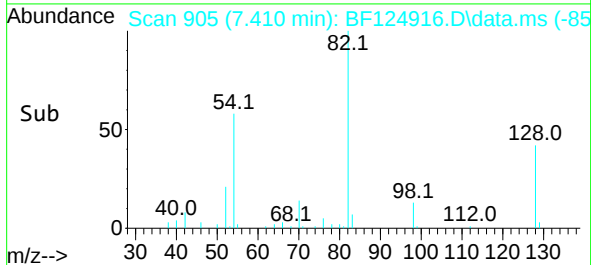
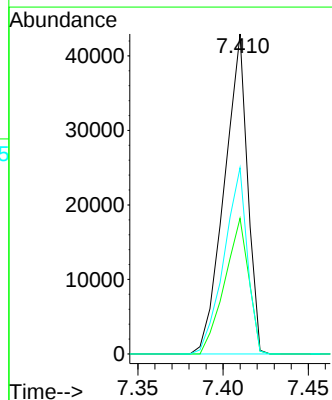
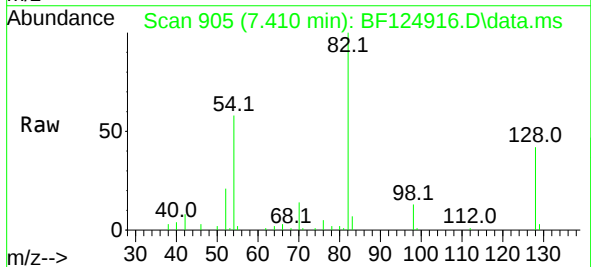
Instrument :
BNA_F
ClientSampleId :
PB138115BL

Tgt Ion:136 Resp: 32405
Ion Ratio Lower Upper
136 100
137 11.7 9.8 14.6
54 9.6 6.4 9.6
68 4.7 3.3 4.9



#23
Nitrobenzene-d5
Concen: 74.733 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion: 82 Resp: 40689
Ion Ratio Lower Upper
82 100
128 42.4 40.6 60.8
54 58.2 49.6 74.4

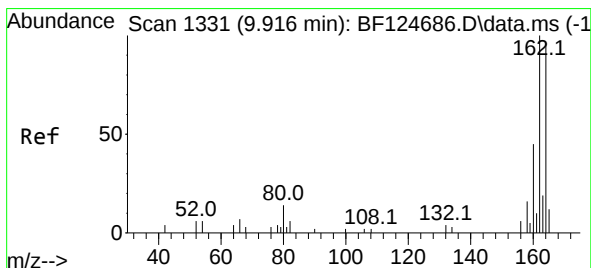
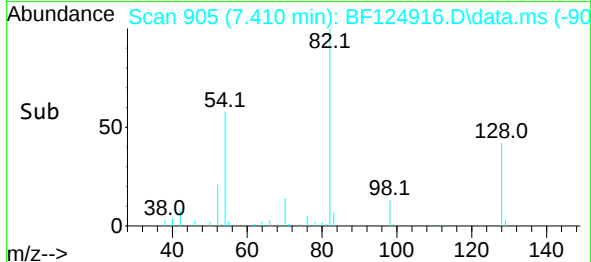
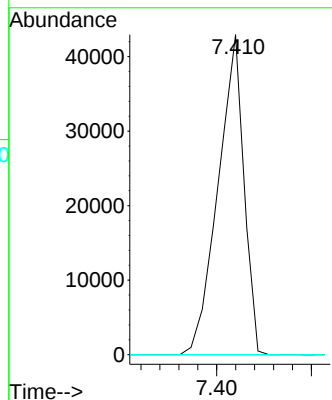
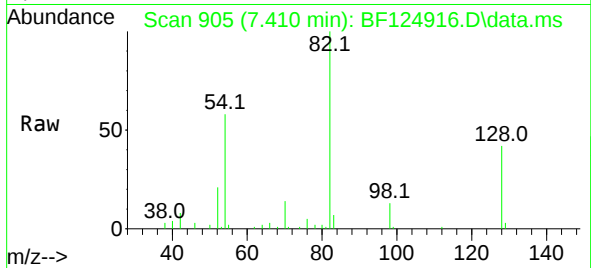




#25
Isophorone
Concen: 42.263 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.271 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

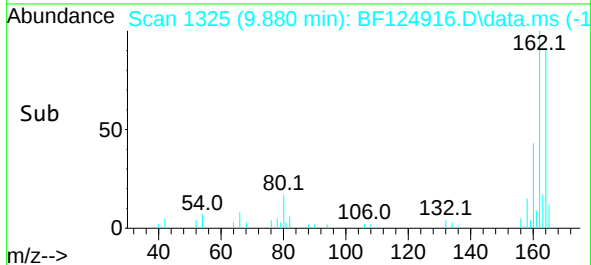
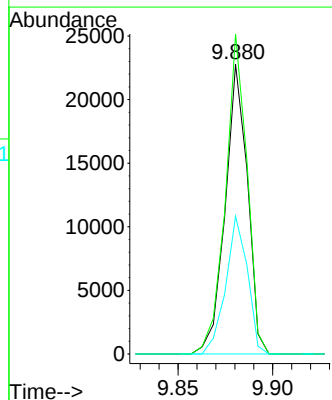
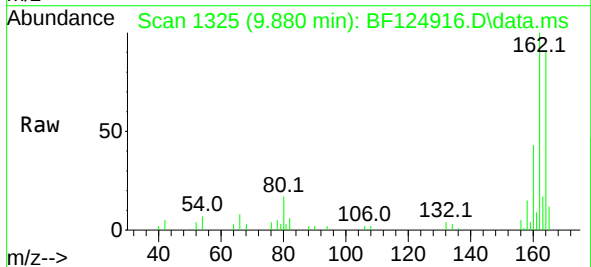
Instrument :
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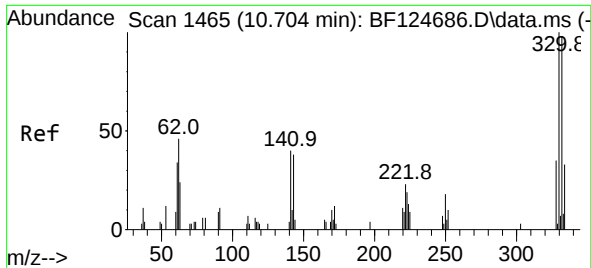
Tgt Ion: 82 Resp: 40688
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion: 164 Resp: 18558
Ion Ratio Lower Upper
164 100
162 110.4 81.3 121.9
160 47.6 38.0 57.0

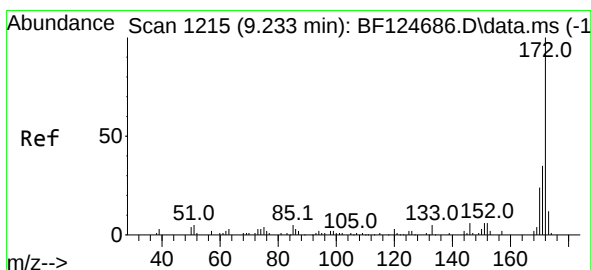
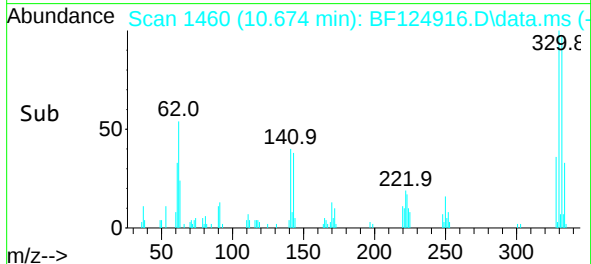
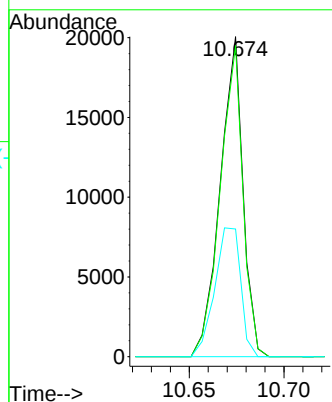
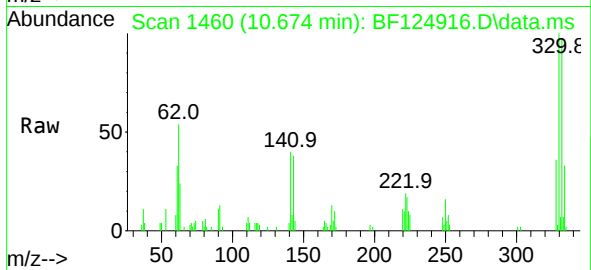




#42
2,4,6-Tribromophenol
Concen: 105.248 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

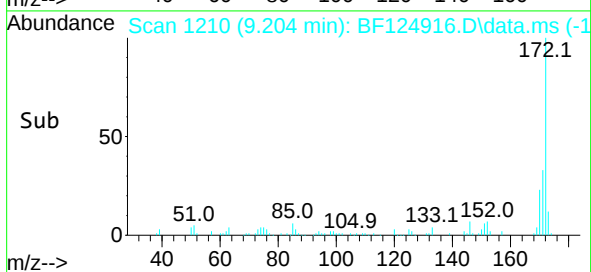
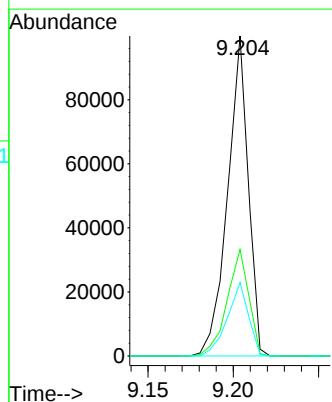
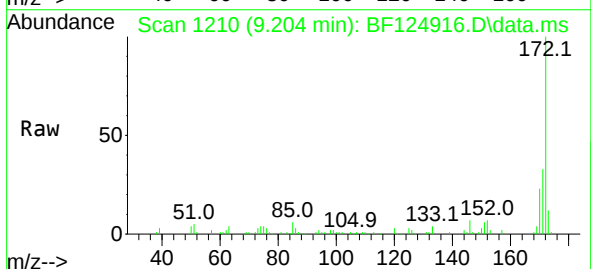
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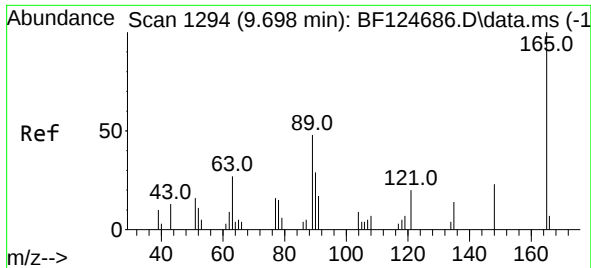
Tgt Ion:330 Resp: 16770
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 46.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 66.648 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:172 Resp: 84211
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 22.9 18.8 28.2

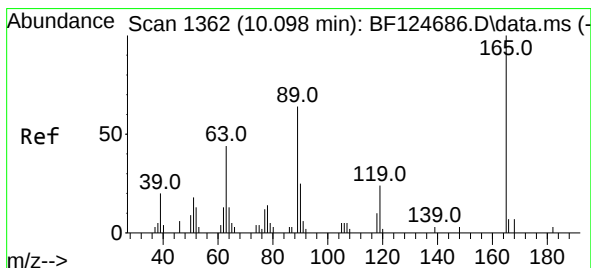
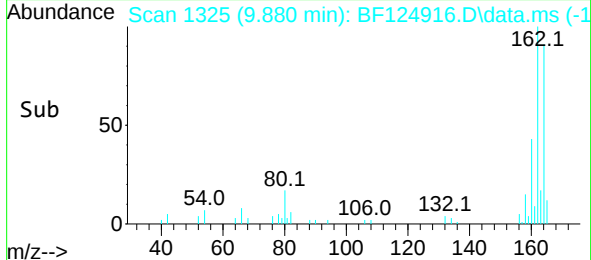
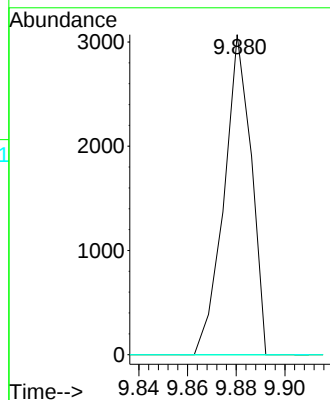
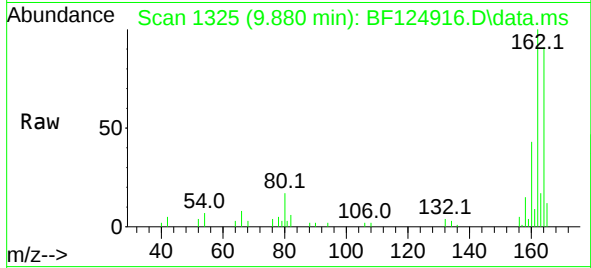




#51
2,6-Dinitrotoluene
Concen: 8.416 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

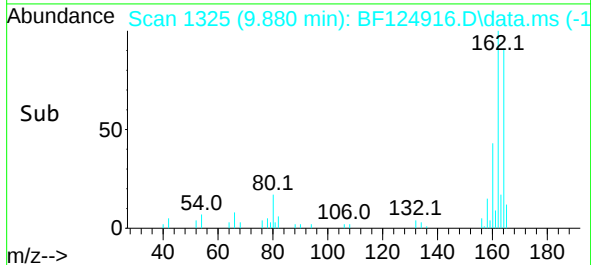
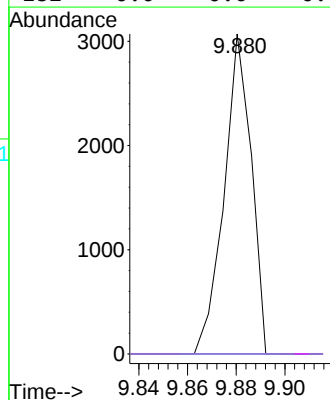
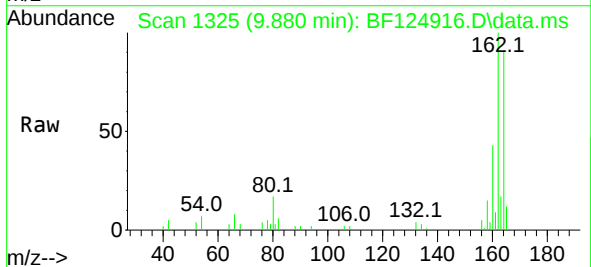
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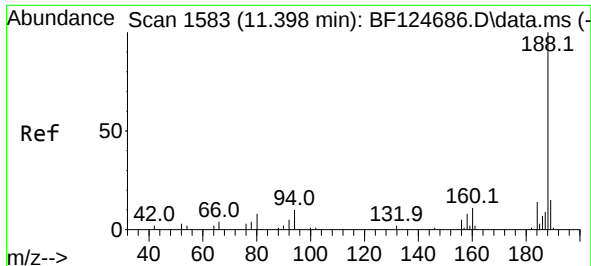
Tgt Ion:165 Resp: 2376
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.202 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:165 Resp: 2376
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

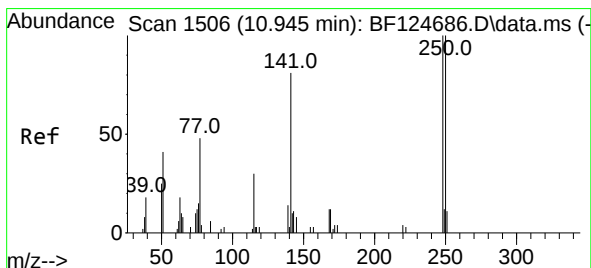
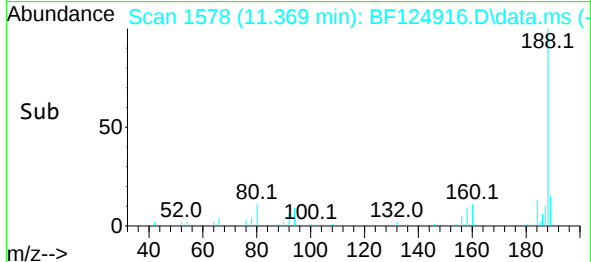
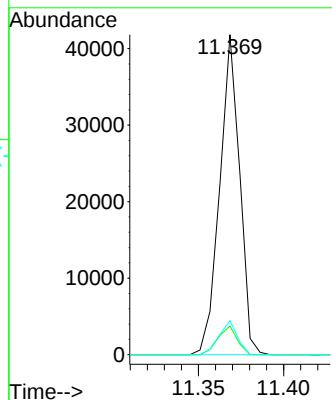
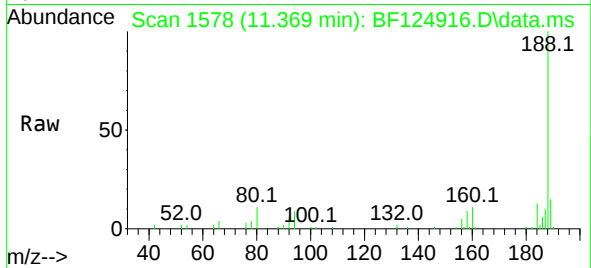




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

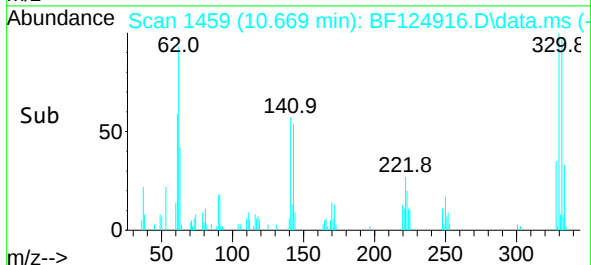
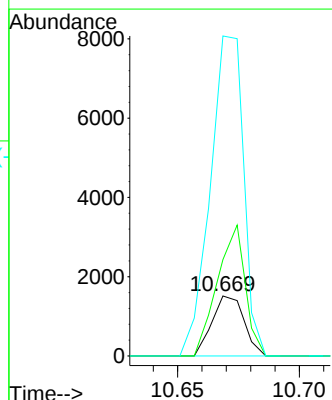
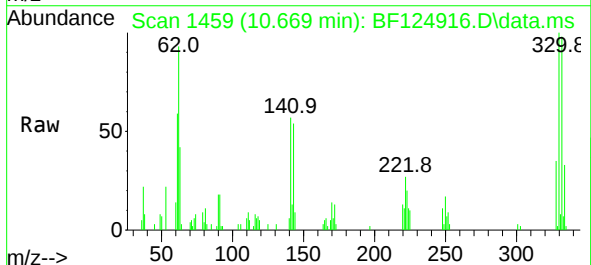
Instrument :
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PB138115BL

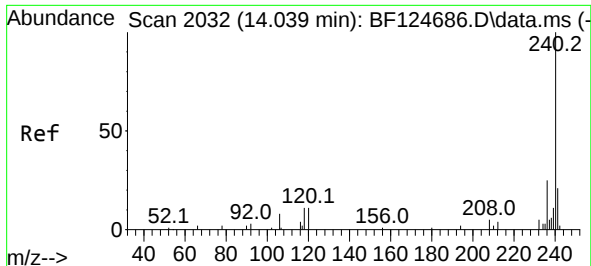
Tgt Ion:188 Resp: 34030
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.838 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:248 Resp: 1385
Ion Ratio Lower Upper
248 100
250 160.4 74.2 111.4#
141 532.6 60.4 90.6#

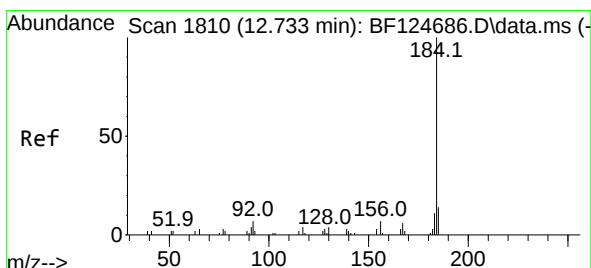
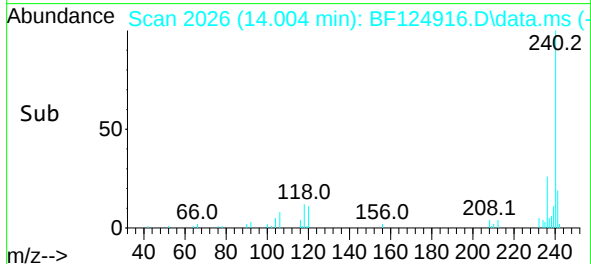
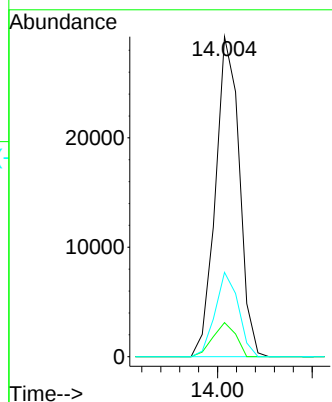
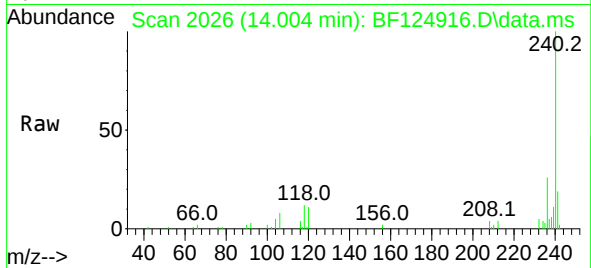




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

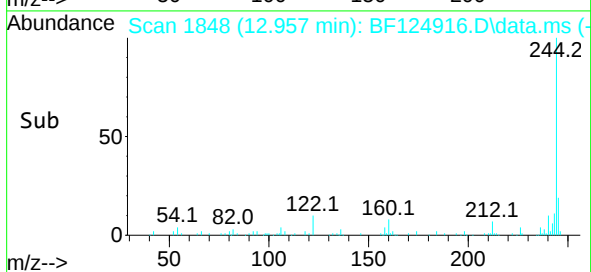
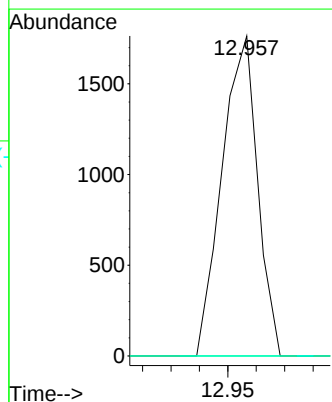
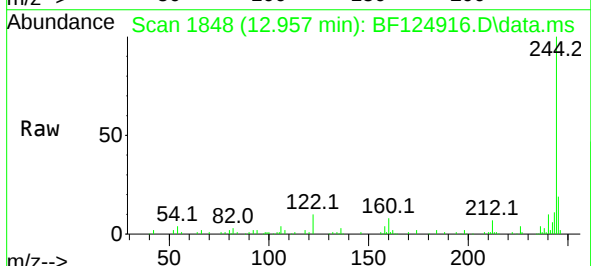
Instrument :
BNA_F
ClientSampleId :
PB138115BL

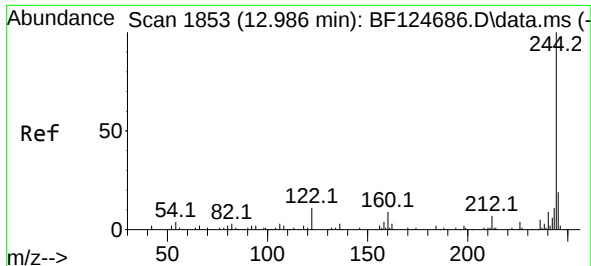
Tgt Ion:240 Resp: 25603
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 26.4 21.6 32.4



#77
Benzidine
Concen: 2.122 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124916.D
Acq: 3 Aug 2021 15:35

Tgt Ion:184 Resp: 1532
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

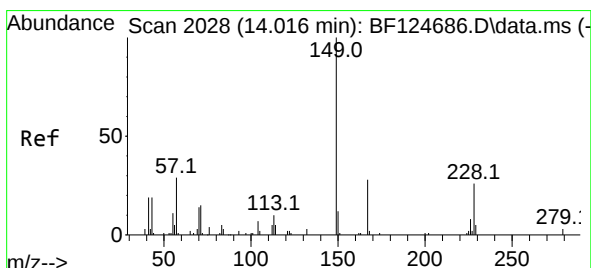
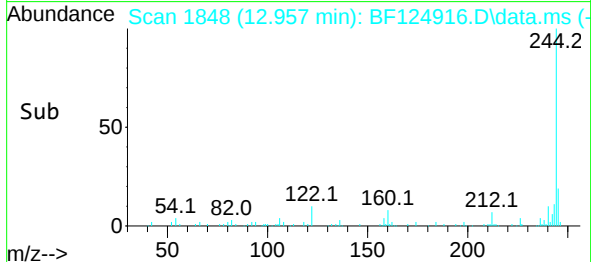
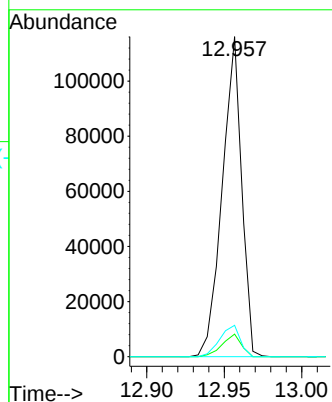
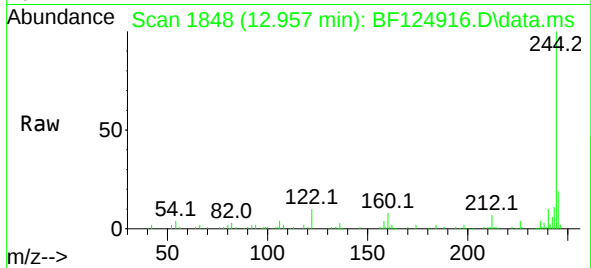




#79
 Terphenyl-d14
 Concen: 67.534 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124916.D
 Acq: 3 Aug 2021 15:35

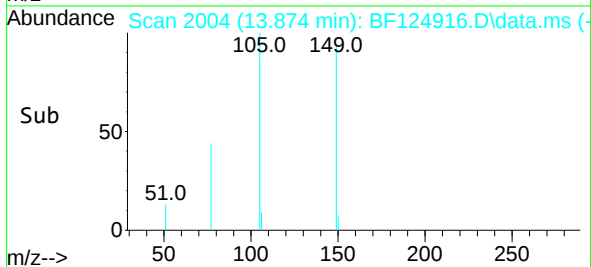
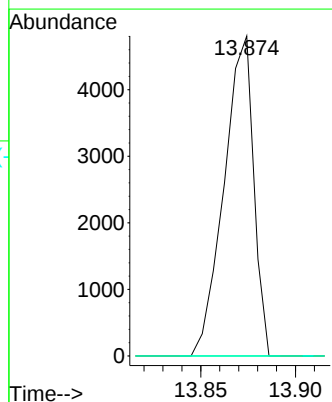
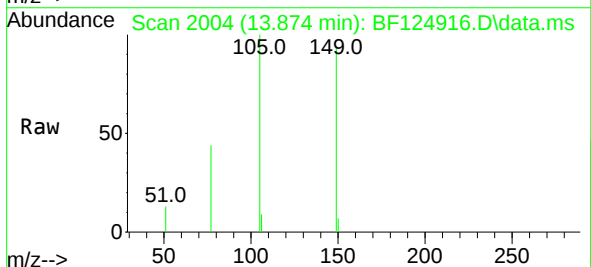
Instrument :
 BNA_F
 ClientSampleId :
 PB138115BL

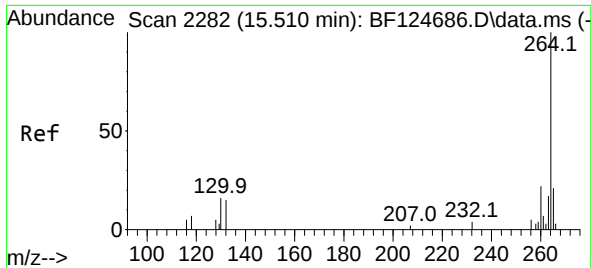
Tgt Ion:244 Resp: 100870
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.8 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.651 ng
 RT: 13.874 min Scan# 2004
 Delta R.T. -0.118 min
 Lab File: BF124916.D
 Acq: 3 Aug 2021 15:35

Tgt Ion:149 Resp: 5221
 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: BF124916.D
 Acq: 3 Aug 2021 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB138115BL

Tgt Ion:264	Resp:	21138
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.6 29.4
265	19.8	17.2 25.8

