

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
 Data File : BF125409.D
 Acq On : 9 Sep 2021 13:01
 Operator : JU/CG
 Sample : PB138985BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138985BL

Quant Time: Sep 09 14:51:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

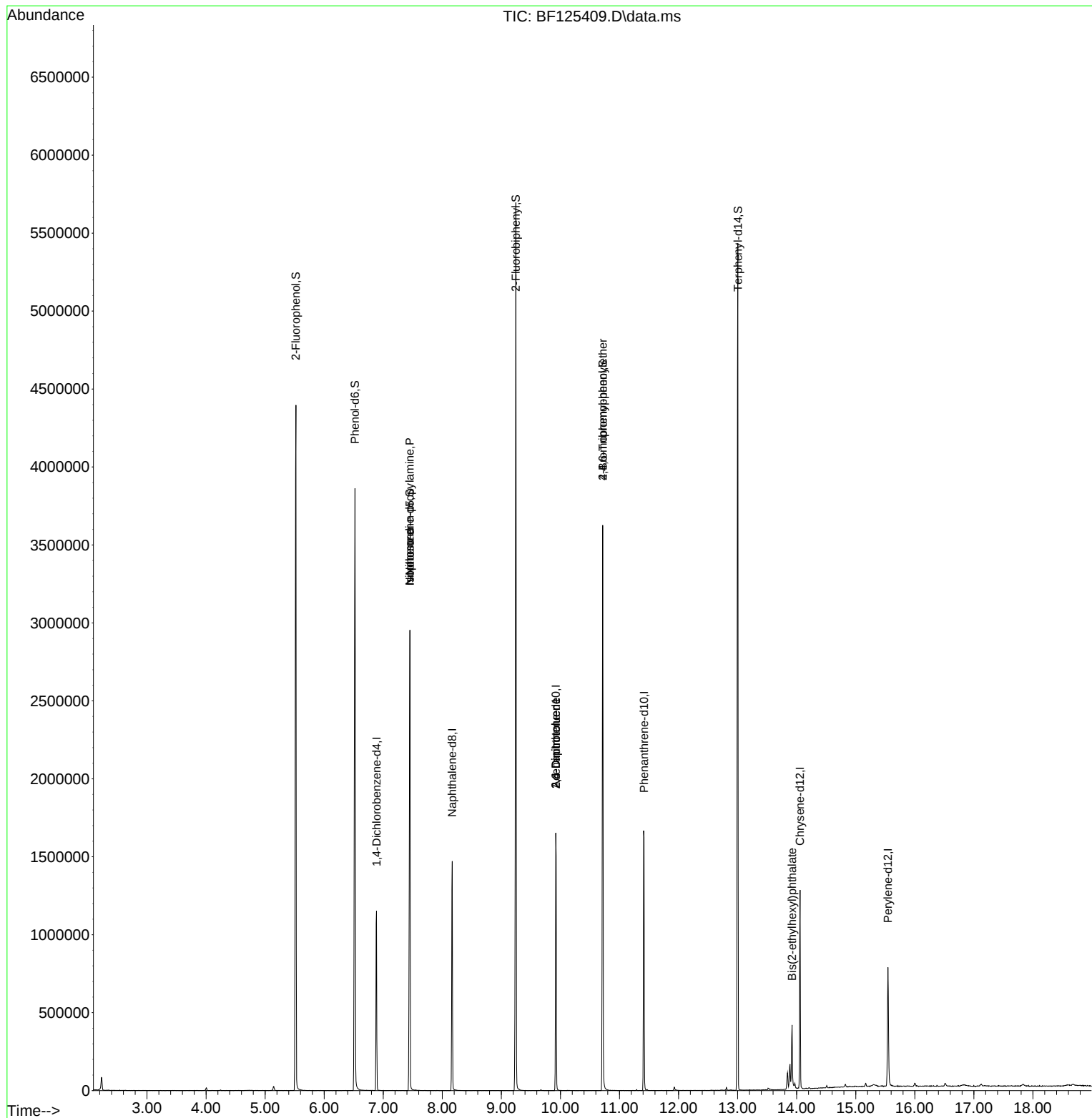
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	171224	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	672333	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	363237	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	666885	20.000	ng	0.00
76) Chrysene-d12	14.057	240	427230	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	371621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1202847	106.330	ng	0.01
7) Phenol-d6	6.522	99	1521666	104.006	ng	0.00
23) Nitrobenzene-d5	7.451	82	1011769	75.761	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	485478	133.891	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1801243	69.113	ng	0.00
79) Terphenyl-d14	13.004	244	2043683	76.207	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	138069	15.690	ng	# 54
25) Isophorone	7.451	82	1011893	39.277	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	47008	8.612	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	47008	7.116	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	29806	3.722	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.921	149	131954	6.667	ng	# 53

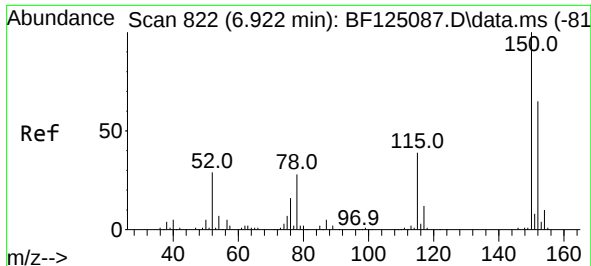
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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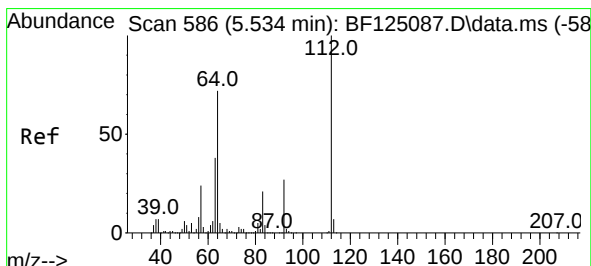
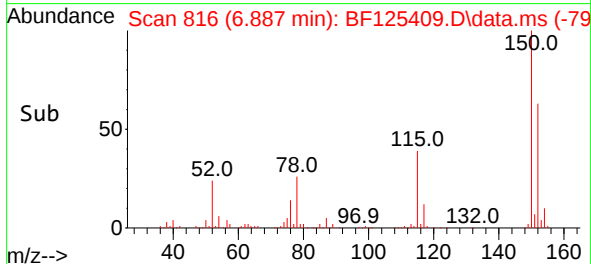
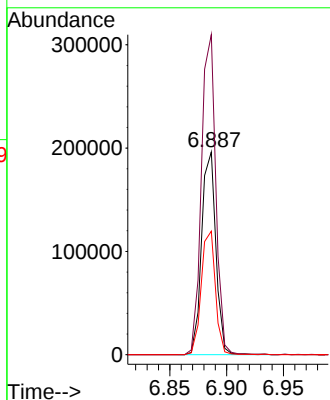
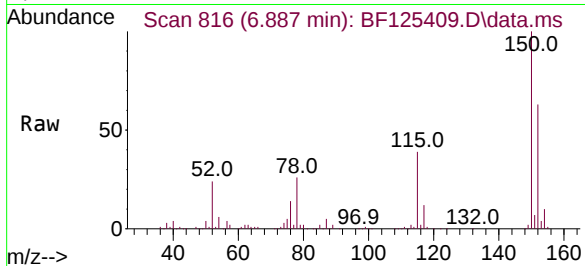




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

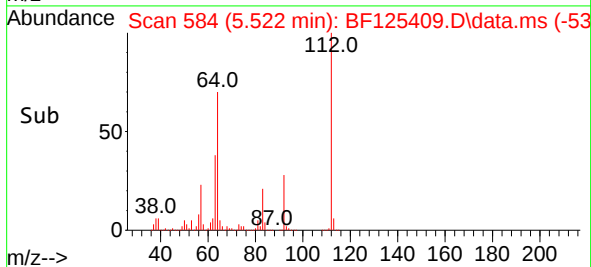
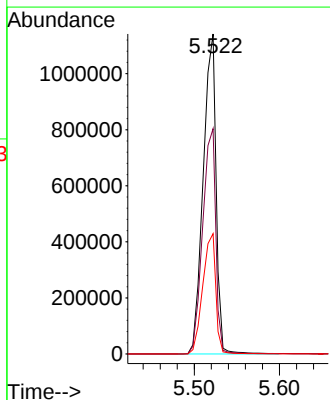
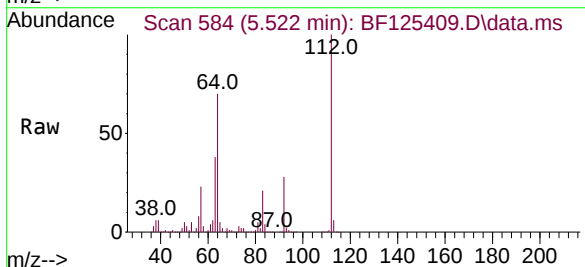
Instrument :
BNA_F
ClientSampleId :
PB138985BL

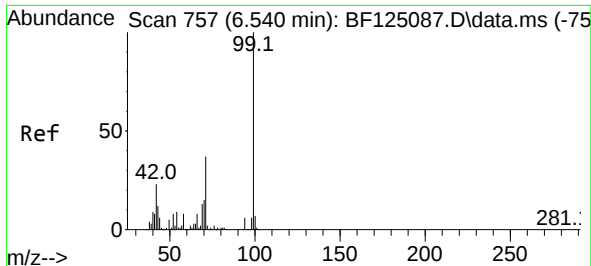
Tgt Ion:152 Resp: 171224
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 106.330 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Tgt Ion:112 Resp: 1202847
Ion Ratio Lower Upper
112 100
64 70.4 44.2 66.2#
63 37.6 26.2 39.2

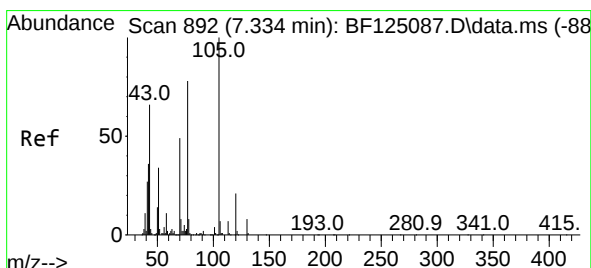
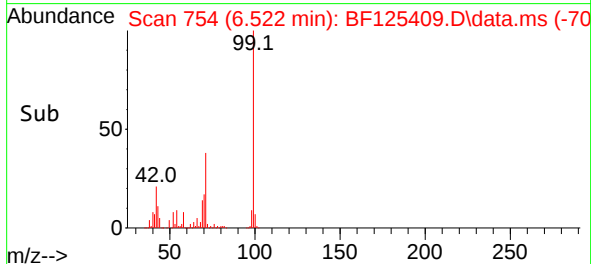
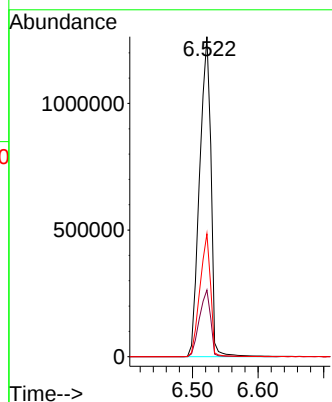
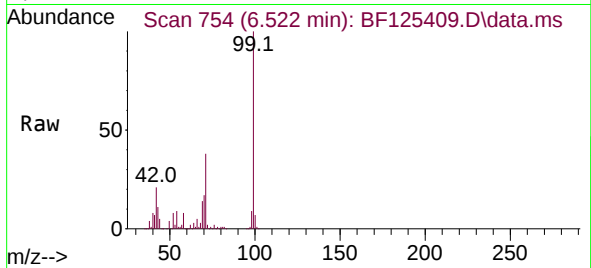




#7
Phenol-d6
Concen: 104.006 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

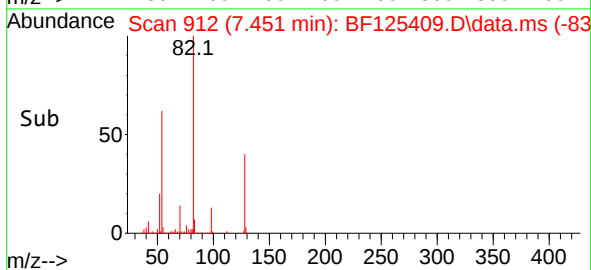
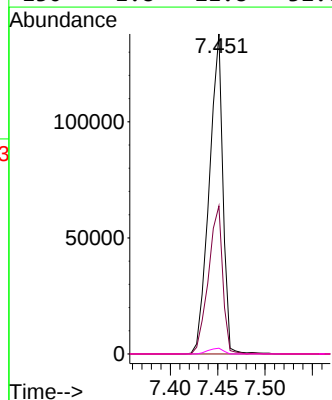
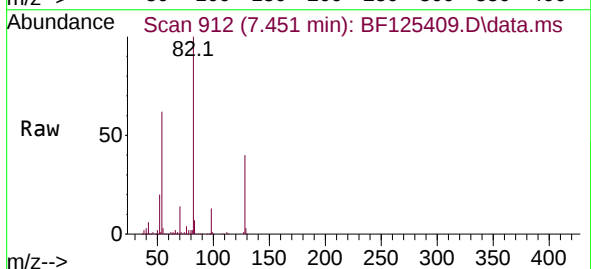
Instrument :
BNA_F
ClientSampleId :
PB138985BL

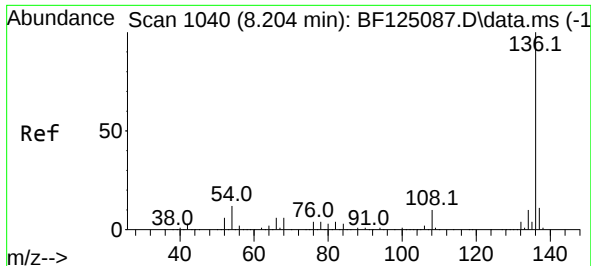
Tgt Ion: 99 Resp: 1521666
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 38.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.690 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

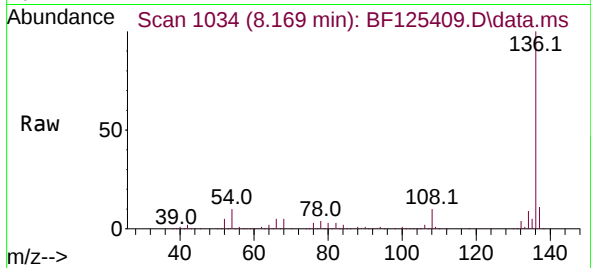
Tgt Ion: 70 Resp: 138069
Ion Ratio Lower Upper
70 100
42 46.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



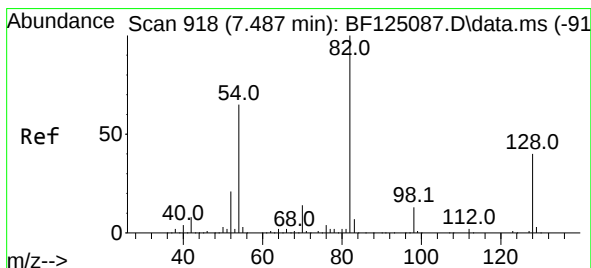
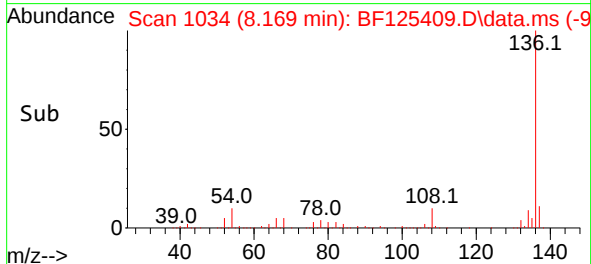
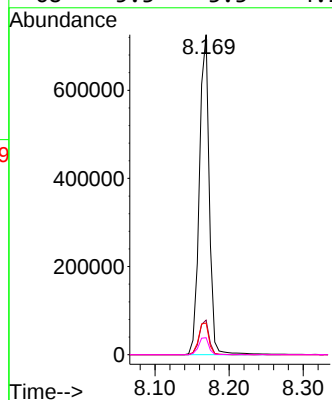


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Instrument :
BNA_F
ClientSampleId :
PB138985BL

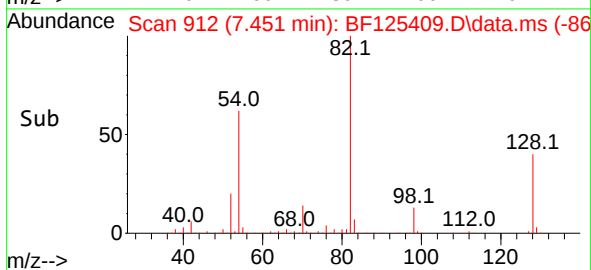
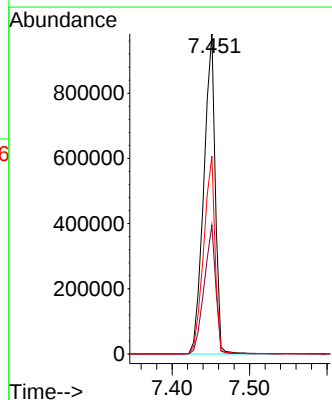
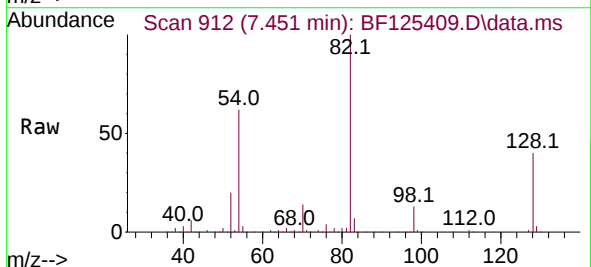


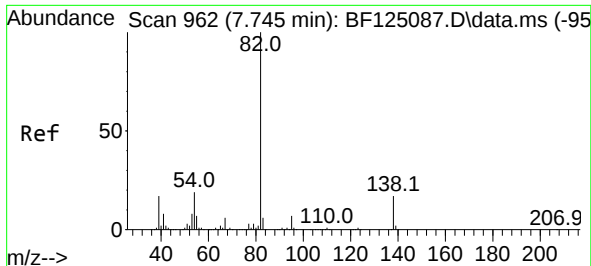
Tgt Ion:136 Resp: 672333
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.9 6.4 9.6#
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.761 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

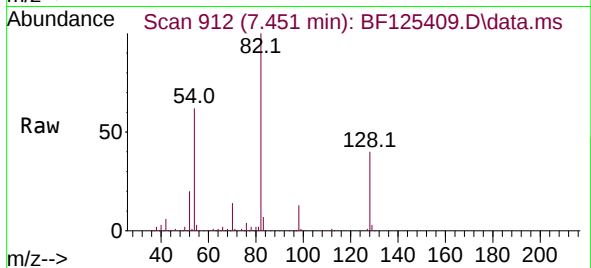
Tgt Ion: 82 Resp: 1011769
Ion Ratio Lower Upper
82 100
128 40.3 40.6 60.8#
54 61.8 49.6 74.4



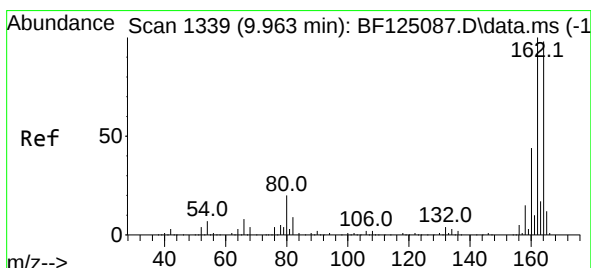
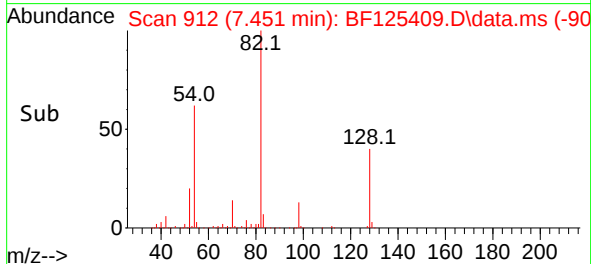
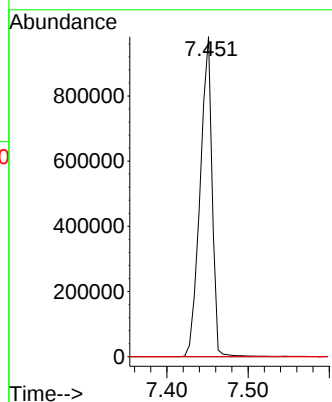


#25
Isophorone
Concen: 39.277 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Instrument :
BNA_F
ClientSampleId :
PB138985BL

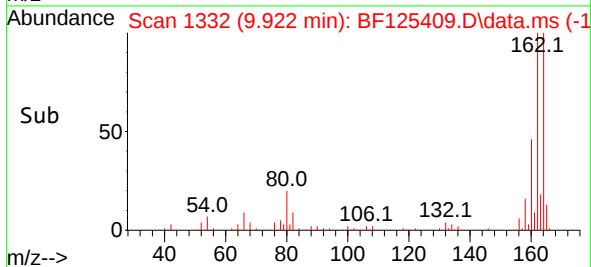
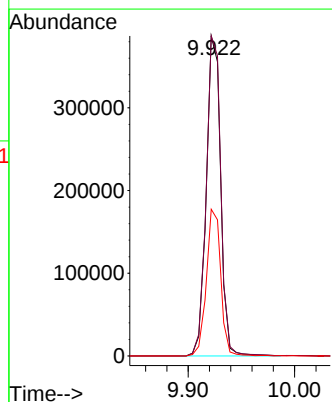
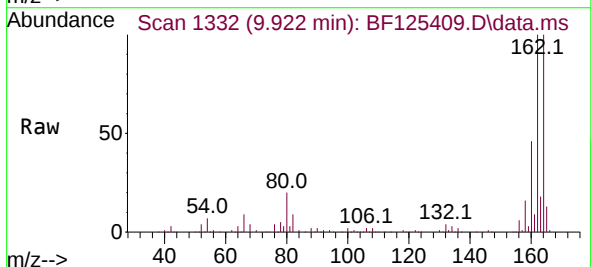


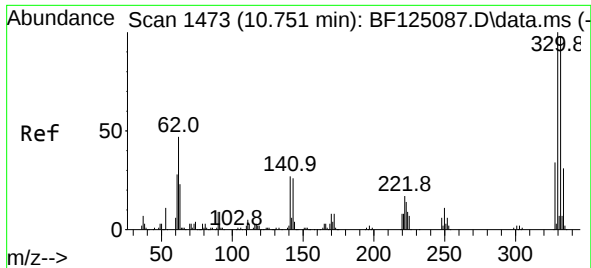
Tgt Ion: 82 Resp: 1011893
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Tgt Ion: 164 Resp: 363237
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.8 38.0 57.0

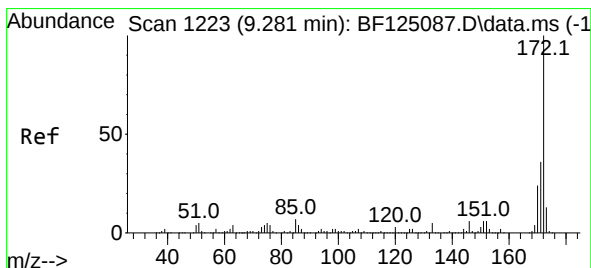
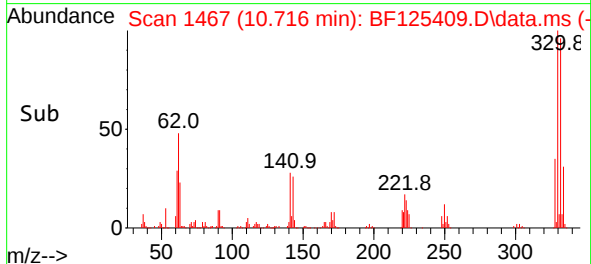
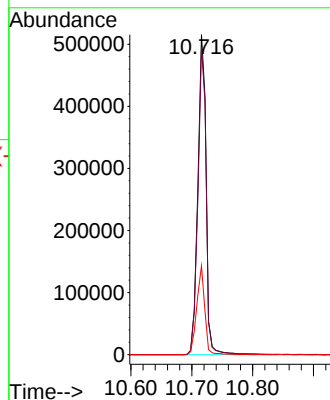
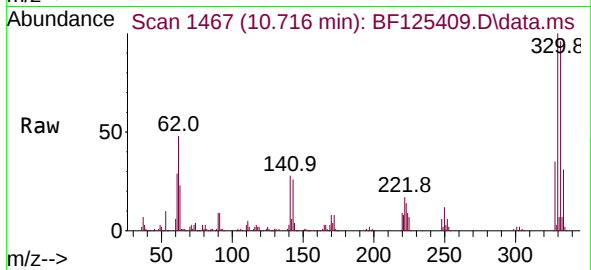




#42
2,4,6-Tribromophenol
Concen: 133.891 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

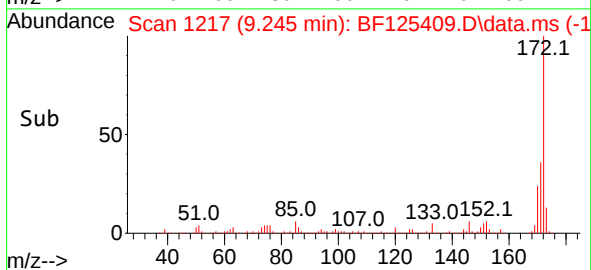
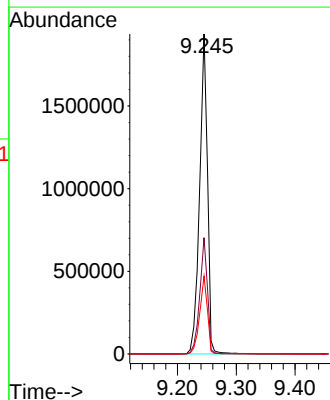
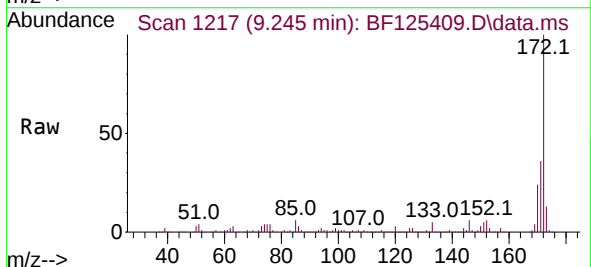
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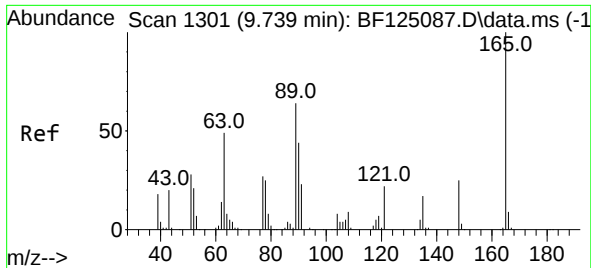
Tgt Ion:330 Resp: 485478
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 27.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.113 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Tgt Ion:172 Resp: 1801243
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.3 18.8 28.2

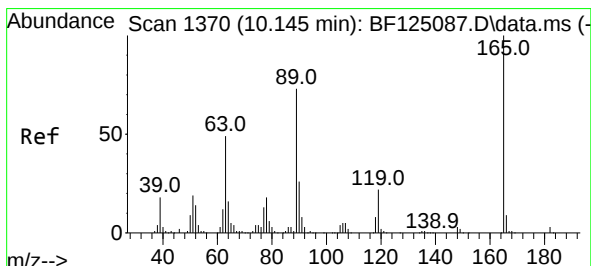
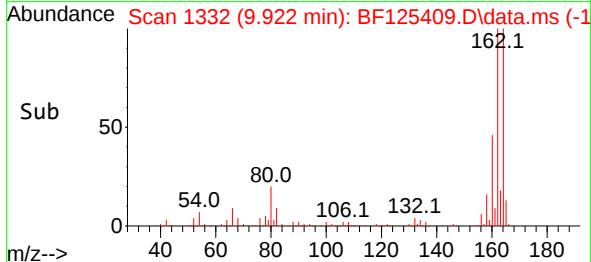
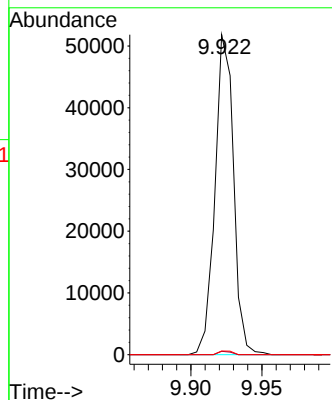
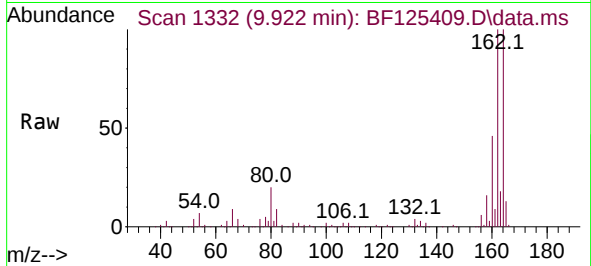




#51
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

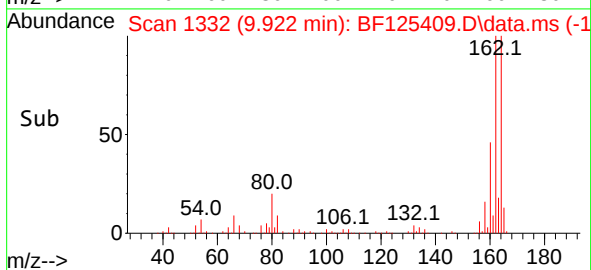
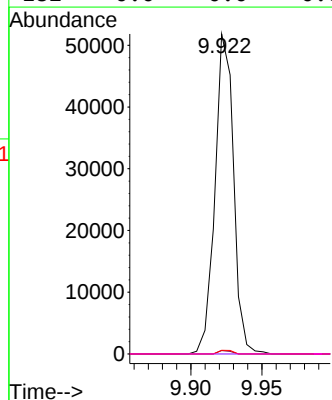
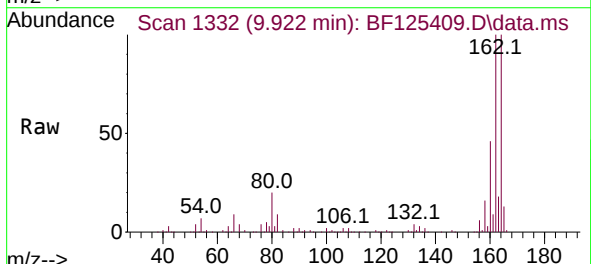
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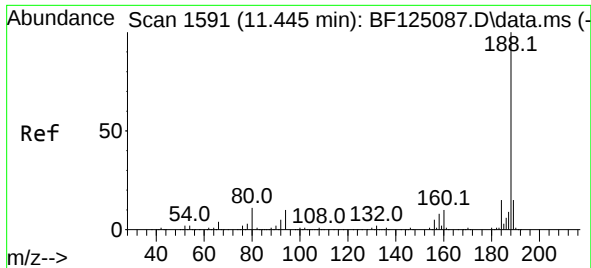
Tgt Ion:165 Resp: 47008
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.116 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Tgt Ion:165 Resp: 47008
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

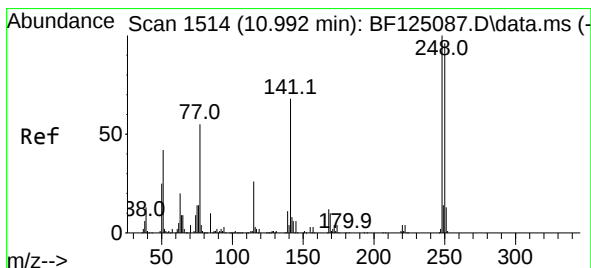
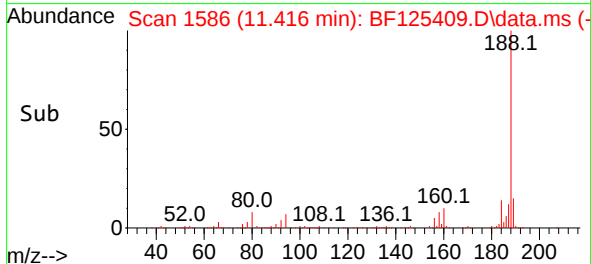
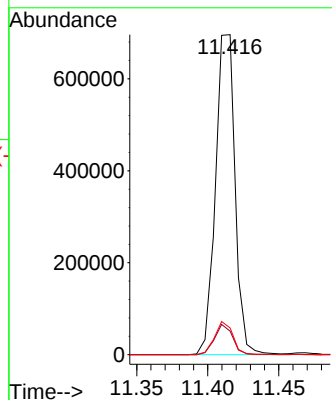
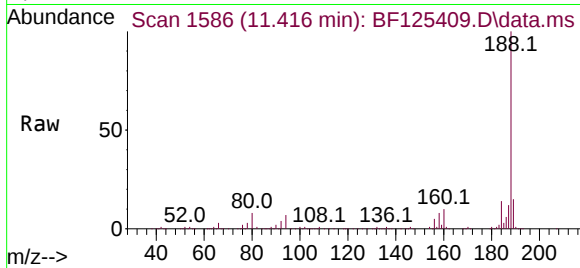




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

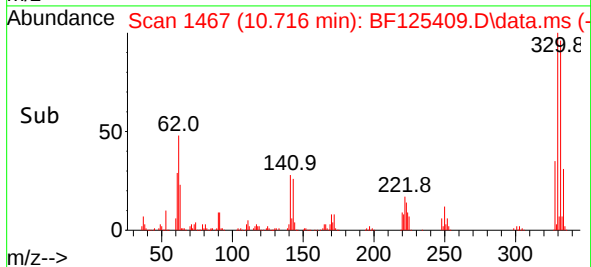
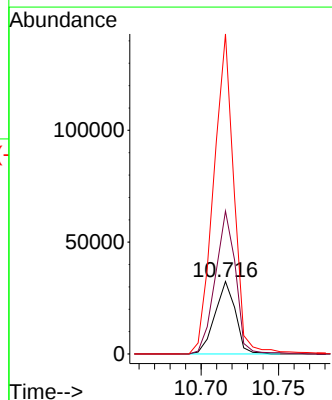
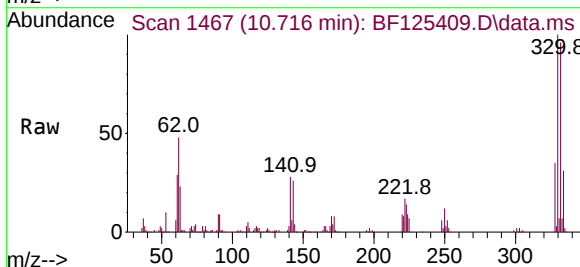
Instrument :
BNA_F
ClientSampleId :
PB138985BL

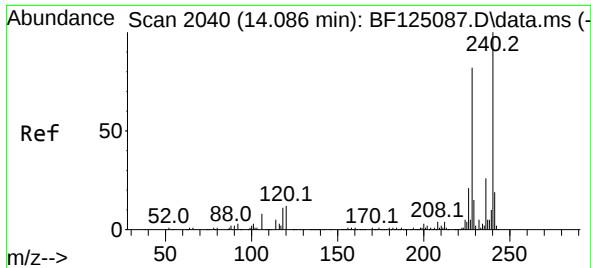
Tgt Ion:188 Resp: 666885
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.722 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Tgt Ion:248 Resp: 29806
Ion Ratio Lower Upper
248 100
250 197.2 74.2 111.4#
141 441.7 60.4 90.6#

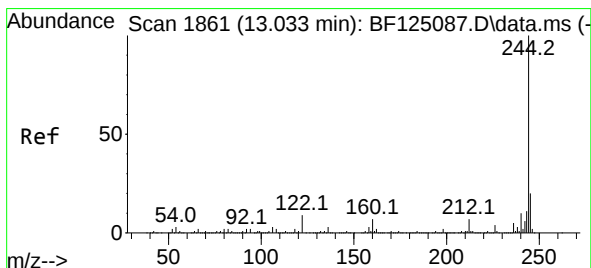
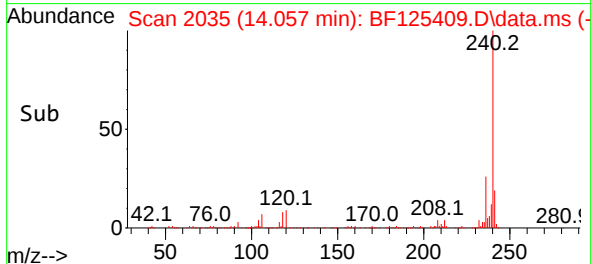
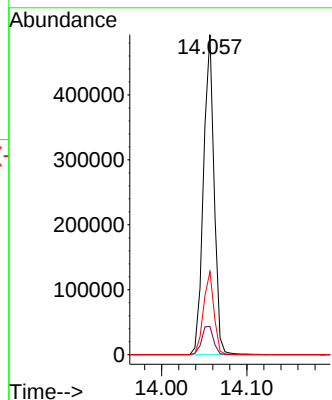
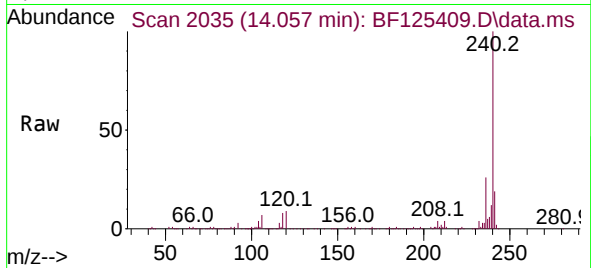




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

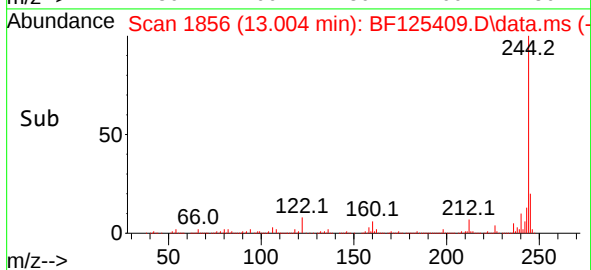
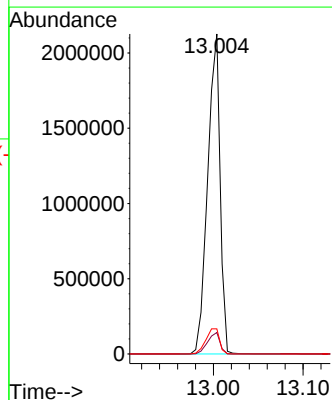
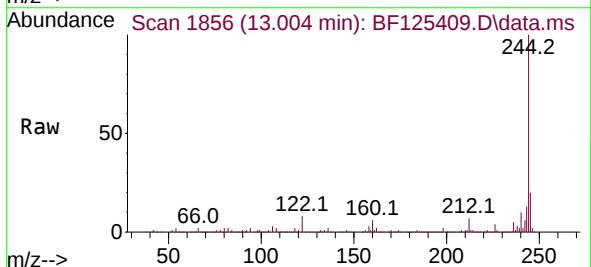
Instrument :
BNA_F
ClientSampleId :
PB138985BL

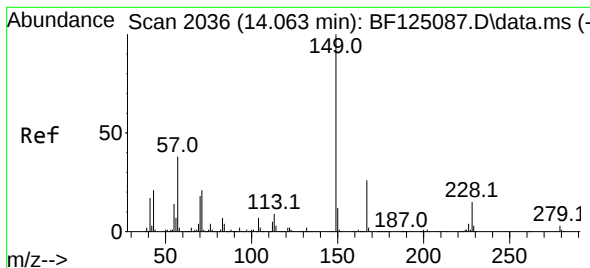
Tgt Ion:240 Resp: 427230
Ion Ratio Lower Upper
240 100
120 8.8 10.8 16.2#
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 76.207 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF125409.D
Acq: 9 Sep 2021 13:01

Tgt Ion:244 Resp: 2043683
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.8 9.0 13.4#

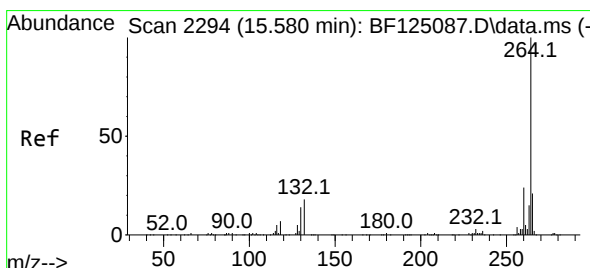
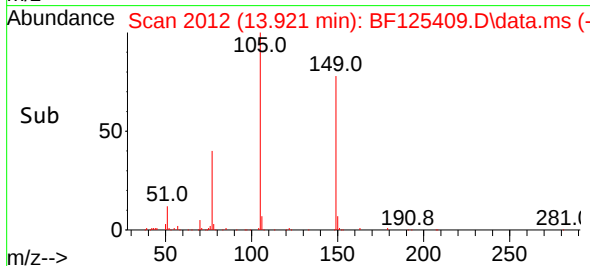
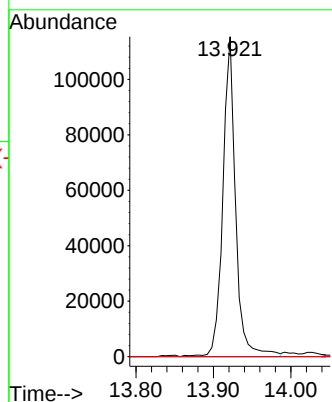
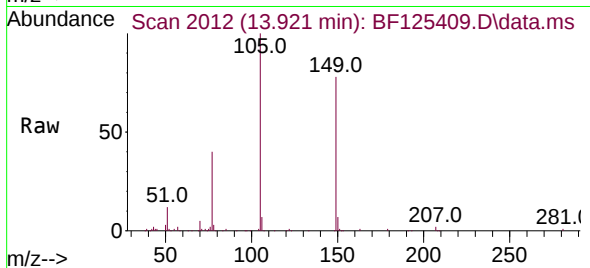




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.667 ng
 RT: 13.921 min Scan# 2012
 Delta R.T. -0.106 min
 Lab File: BF125409.D
 Acq: 9 Sep 2021 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB138985BL

Tgt Ion:149 Resp: 131954
 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: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF125409.D
 Acq: 9 Sep 2021 13:01

Tgt Ion:264 Resp: 371621
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 20.7 17.2 25.8

