

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090821\
 Data File : BF125402.D
 Acq On : 8 Sep 2021 15:46
 Operator : JU/CG
 Sample : PB138978BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138978BL

Quant Time: Sep 08 18:19:10 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)

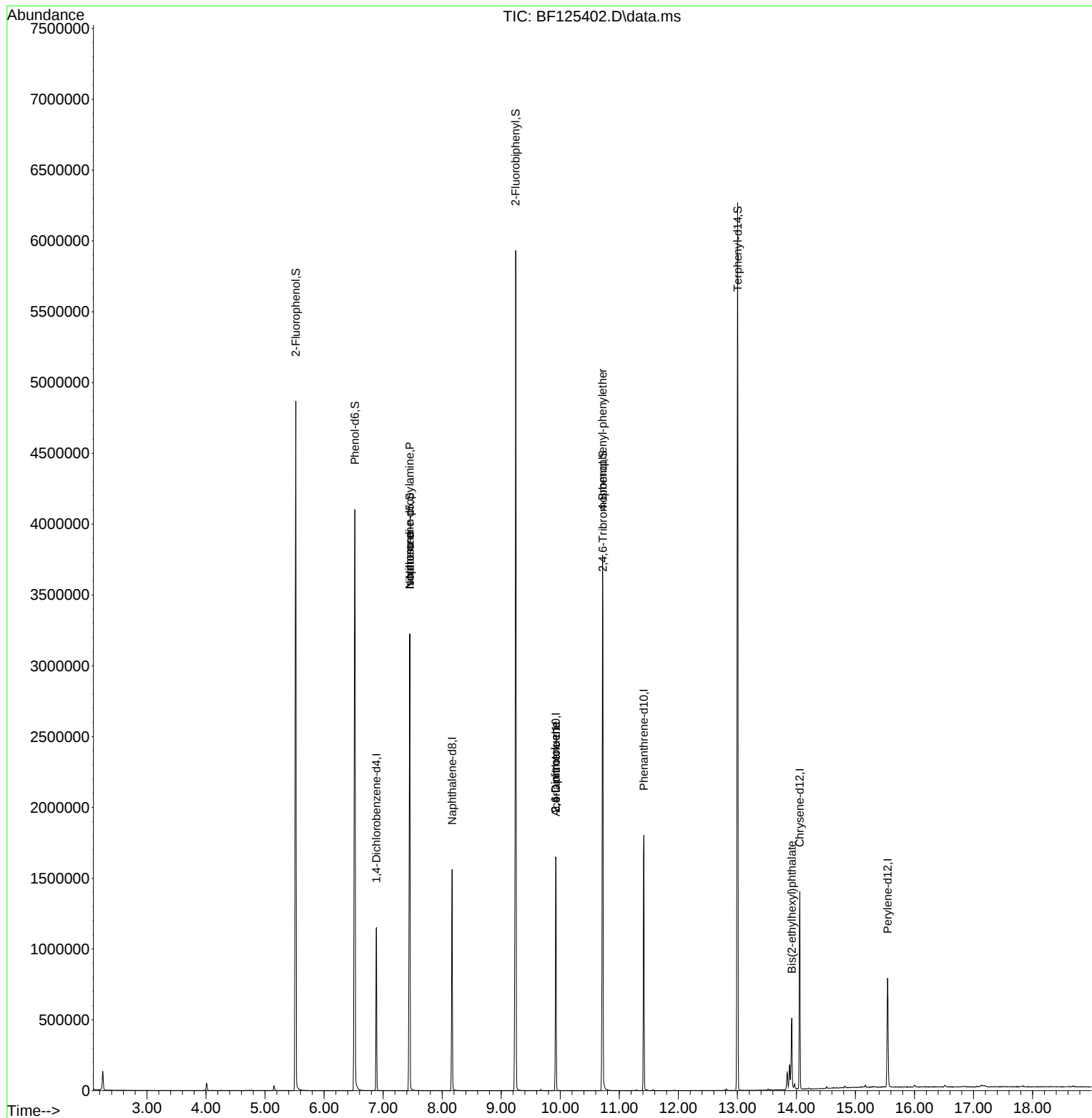
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	173968	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	694969	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	369359	20.000	ng	0.00
64) Phenanthrene-d10	11.415	188	695584	20.000	ng	0.00
76) Chrysene-d12	14.057	240	471267	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	368884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1346842	117.181	ng	0.01
7) Phenol-d6	6.522	99	1705389	114.725	ng	0.00
23) Nitrobenzene-d5	7.451	82	1152183	83.465	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	556717	150.994	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2043872	77.123	ng	0.00
79) Terphenyl-d14	13.004	244	2498254	84.452	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	156731	17.529	ng	# 56
25) Isophorone	7.451	82	1152167	43.265	ng	# 59
51) 2,6-Dinitrotoluene	9.921	165	48190	8.683	ng	# 28
57) 2,4-Dinitrotoluene	9.921	165	48190	7.174	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	33568	4.019	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.921	149	168599	7.723	ng	# 53

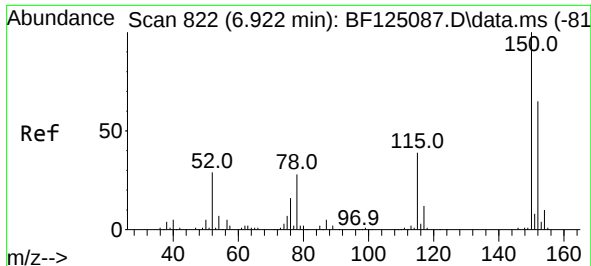
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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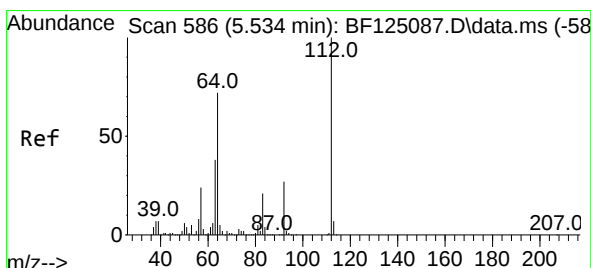
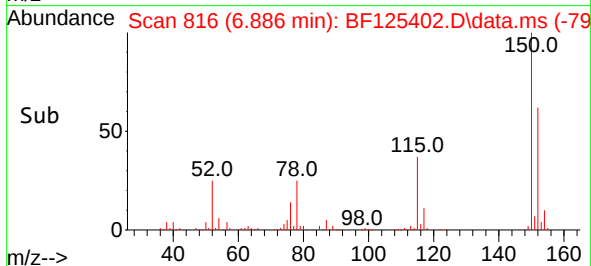
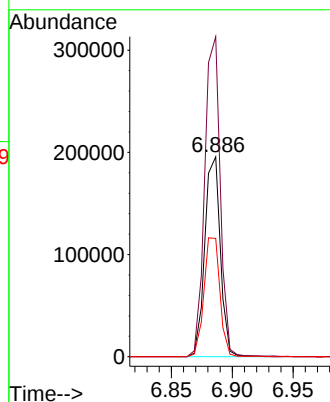
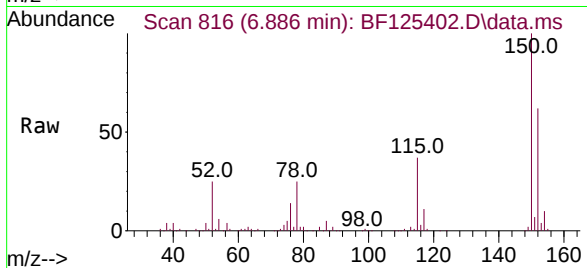




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

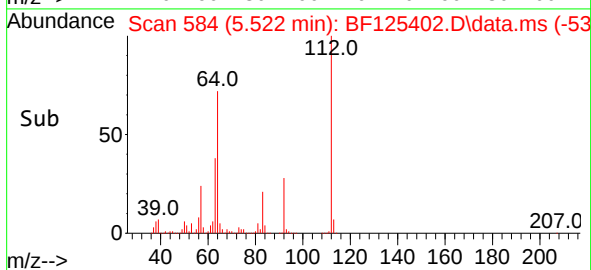
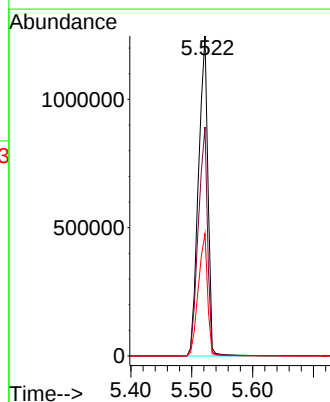
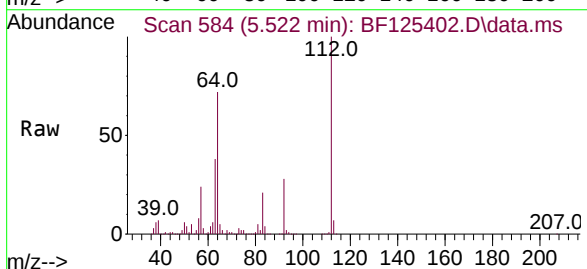
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BNA_F
ClientSampleId :
PB138978BL

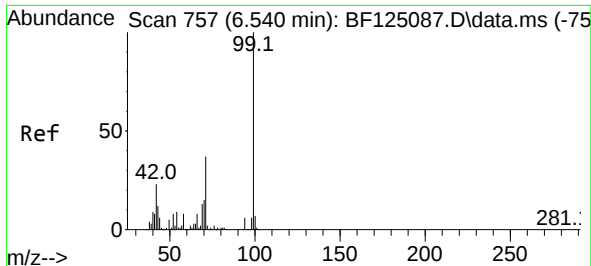
Tgt Ion:152 Resp: 173968
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 117.181 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion:112 Resp: 1346842
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 38.2 26.2 39.2

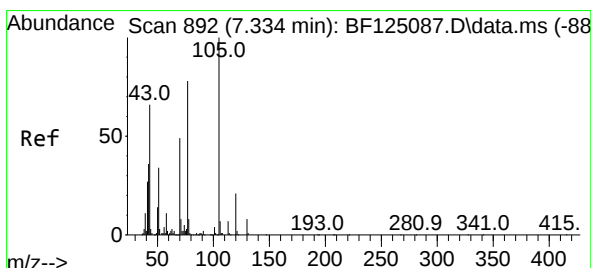
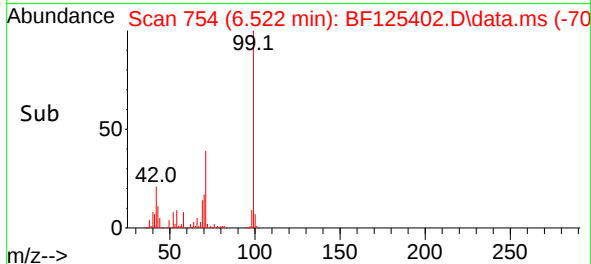
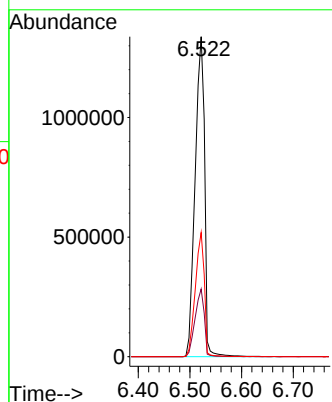
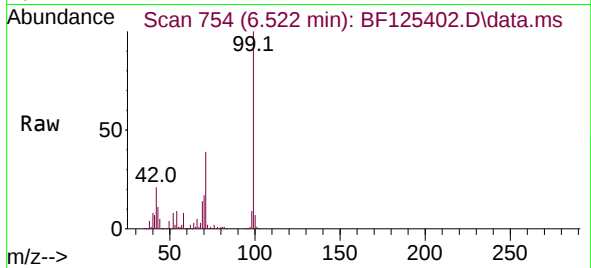




#7
Phenol-d6
Concen: 114.725 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

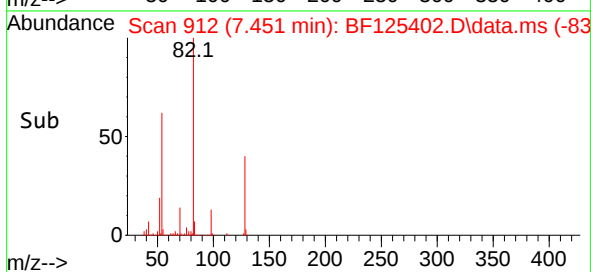
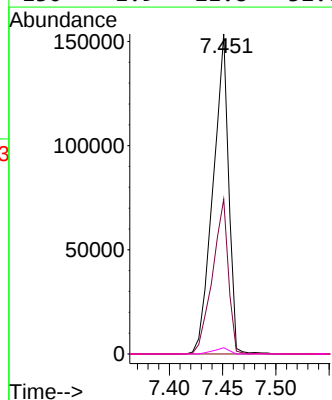
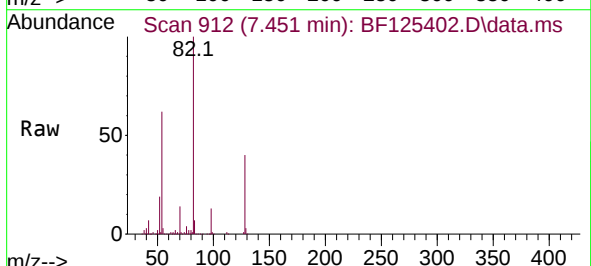
Instrument :
BNA_F
ClientSampleId :
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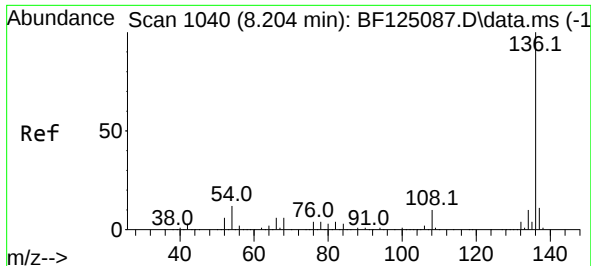
Tgt Ion: 99 Resp: 1705389
Ion Ratio Lower Upper
99 100
42 21.2 23.5 35.3#
71 38.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.529 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion: 70 Resp: 156731
Ion Ratio Lower Upper
70 100
42 48.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

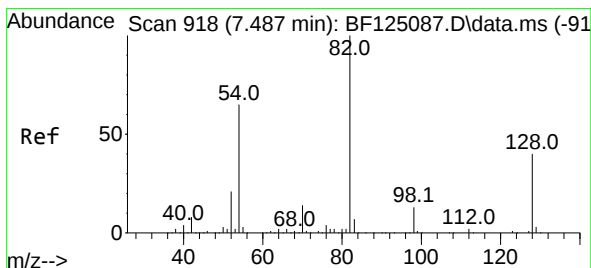
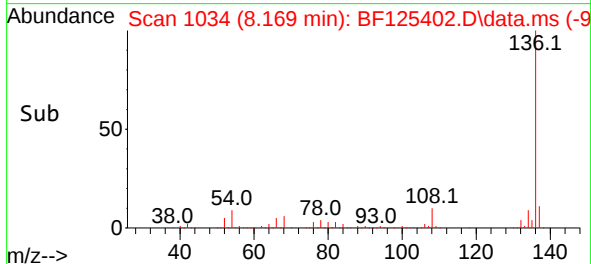
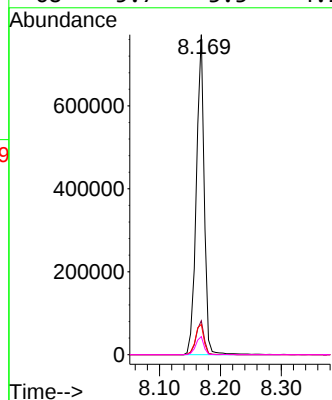
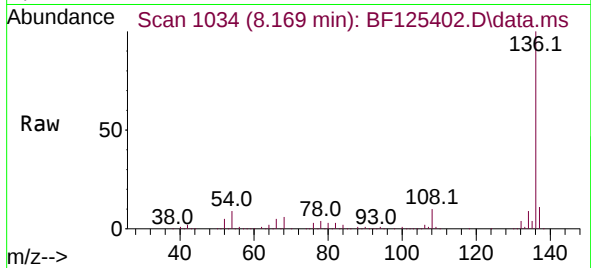




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

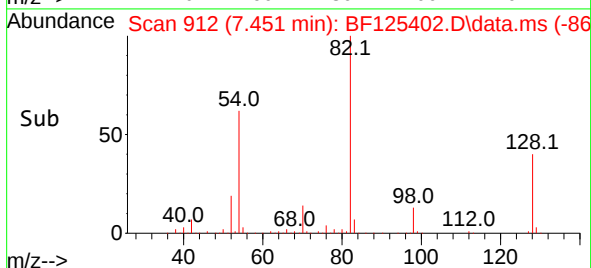
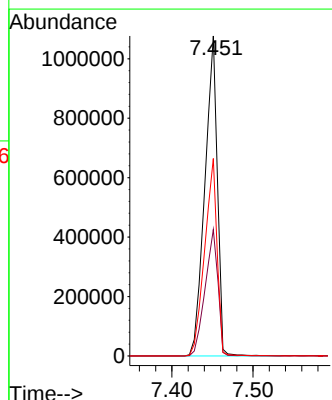
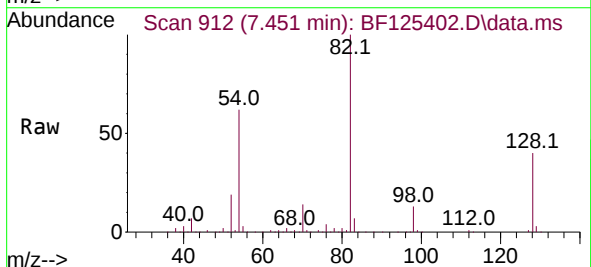
Instrument :
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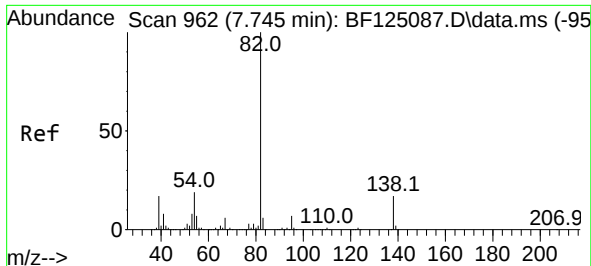
Tgt Ion:136 Resp: 694969
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.4 6.4 9.6
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 83.465 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion: 82 Resp: 1152183
Ion Ratio Lower Upper
82 100
128 39.5 40.6 60.8#
54 61.7 49.6 74.4

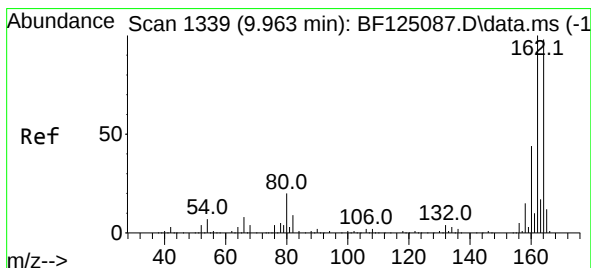
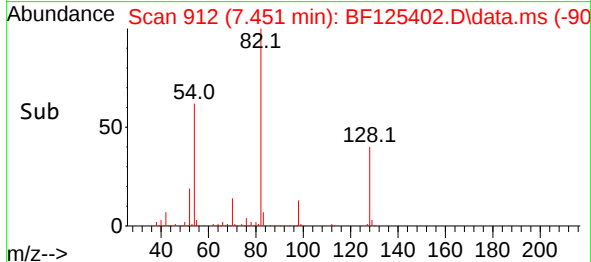
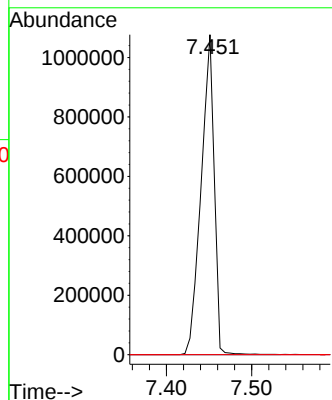
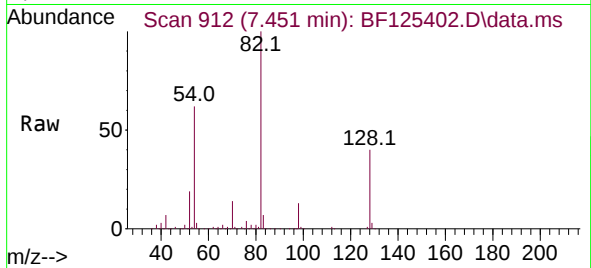




#25
Isophorone
Concen: 43.265 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

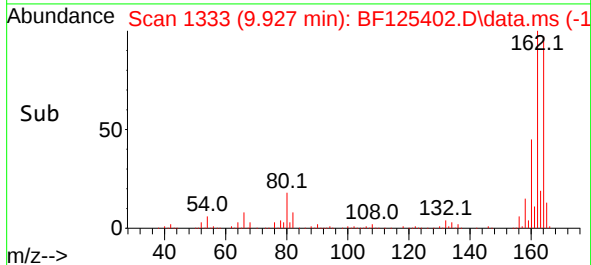
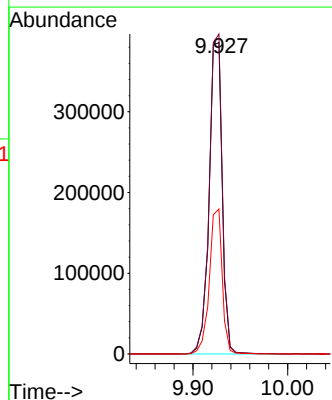
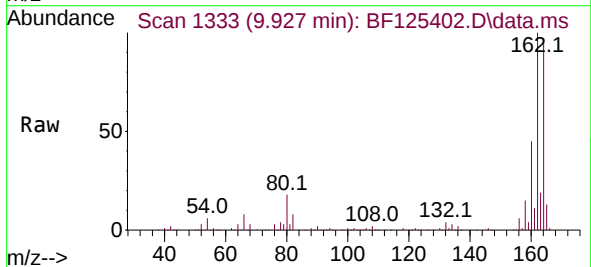
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ClientSampleId :
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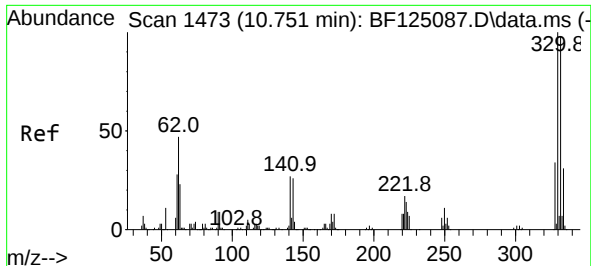
Tgt Ion: 82 Resp: 1152167
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion: 164 Resp: 369359
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 46.6 38.0 57.0

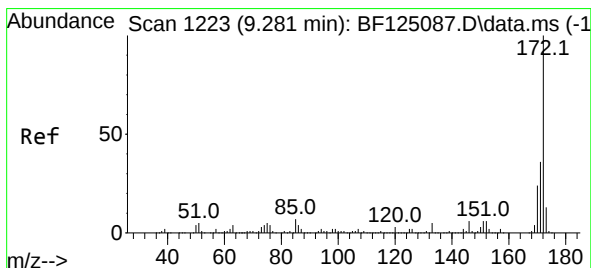
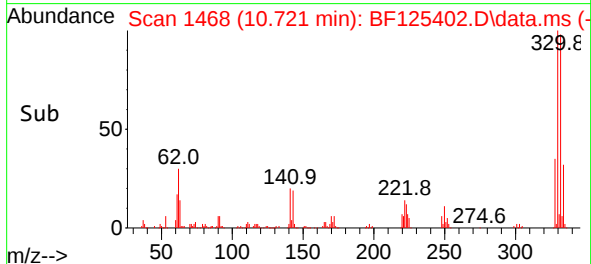
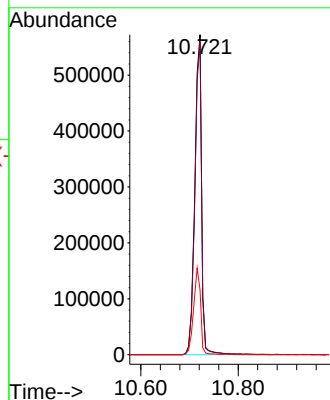
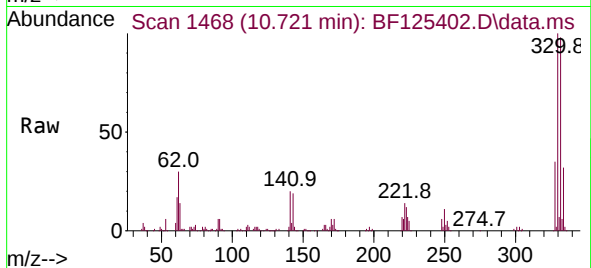




#42
2,4,6-Tribromophenol
Concen: 150.994 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

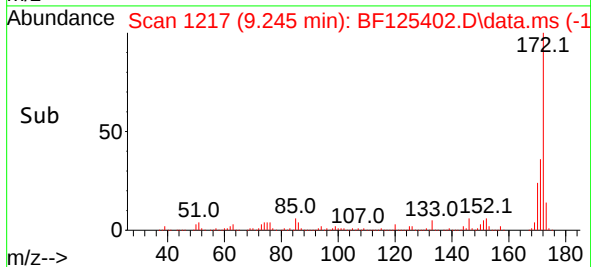
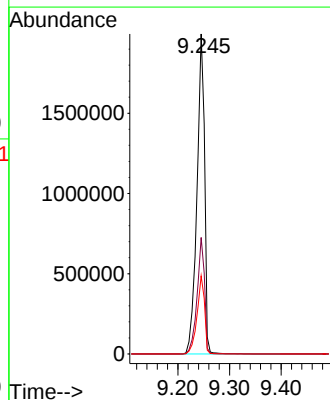
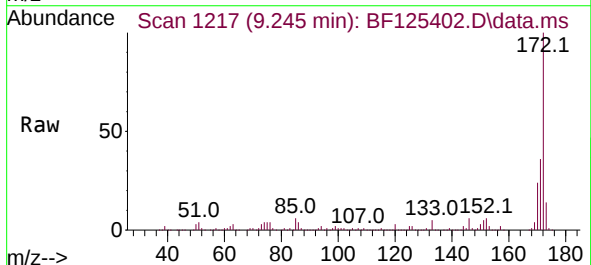
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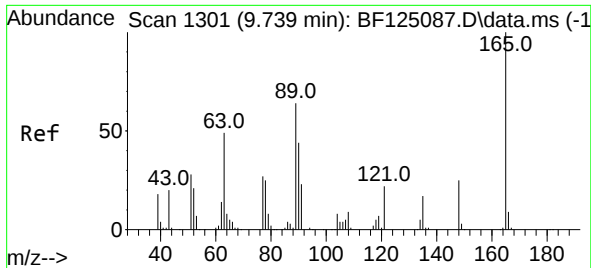
Tgt Ion:330 Resp: 556717
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 27.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 77.123 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion:172 Resp: 2043872
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.4 18.8 28.2

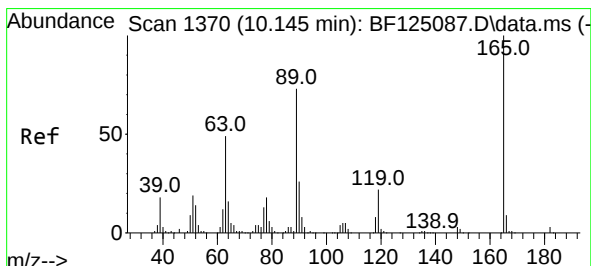
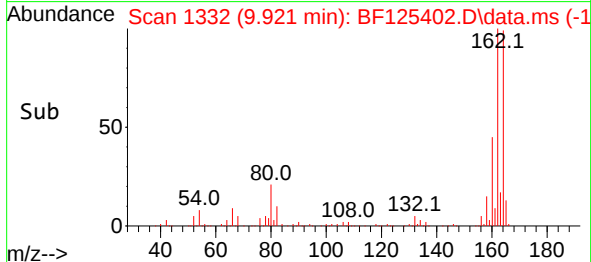
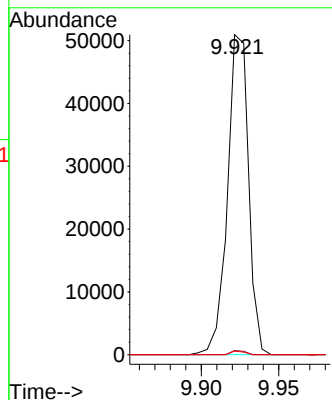
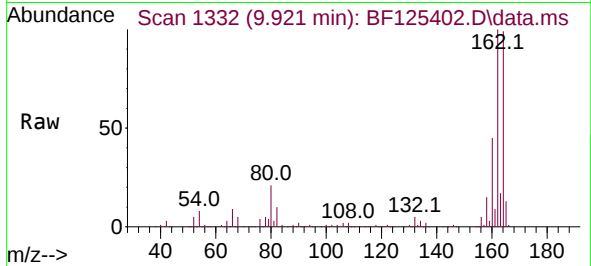




#51
2,6-Dinitrotoluene
Concen: 8.683 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

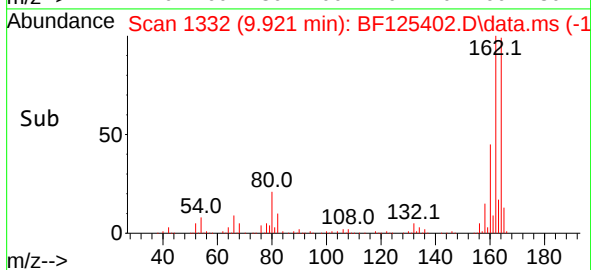
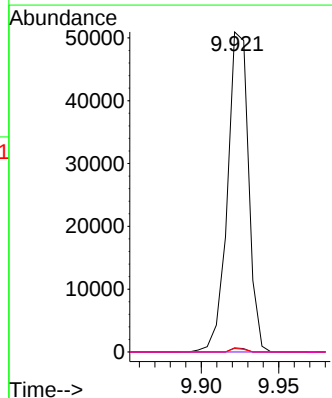
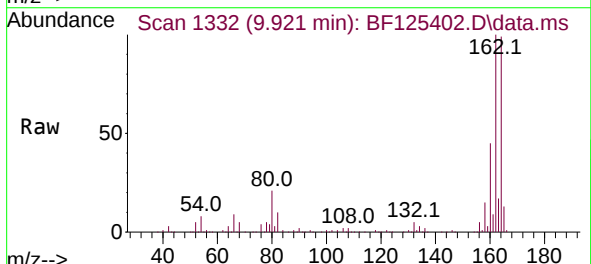
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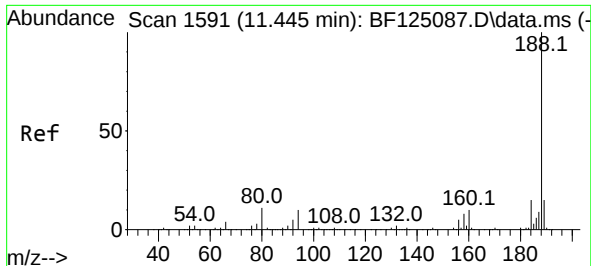
Tgt Ion:165 Resp: 48190
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.174 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion:165 Resp: 48190
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

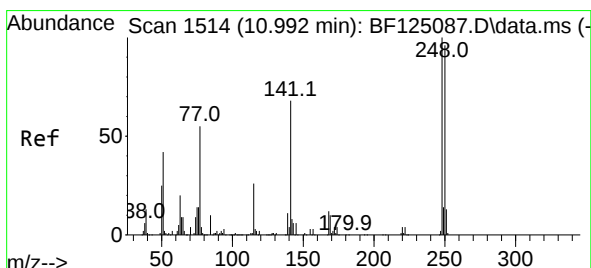
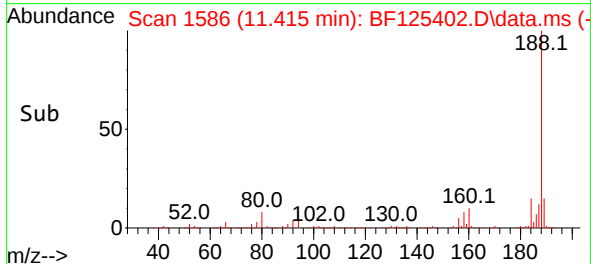
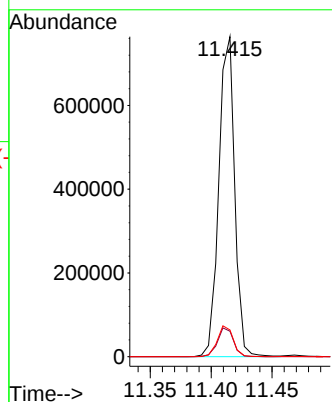
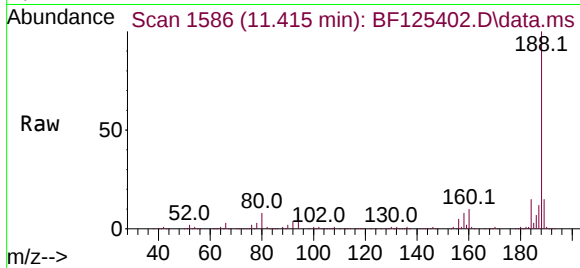




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.415 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

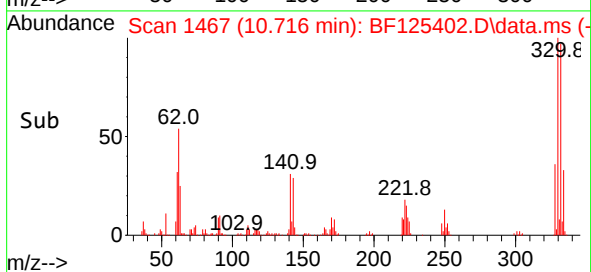
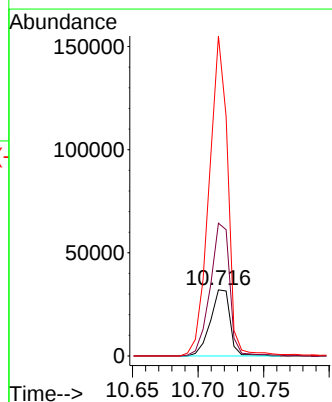
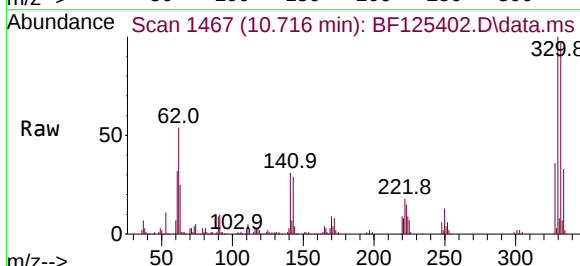
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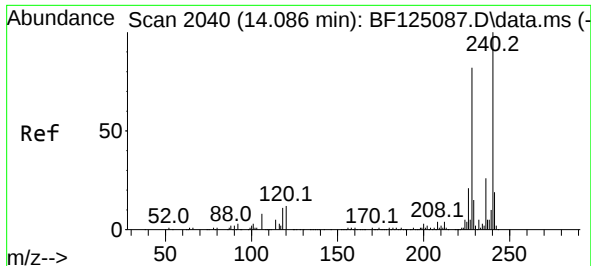
Tgt Ion:188 Resp: 695584
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.019 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion:248 Resp: 33568
Ion Ratio Lower Upper
248 100
250 200.8 74.2 111.4#
141 483.6 60.4 90.6#

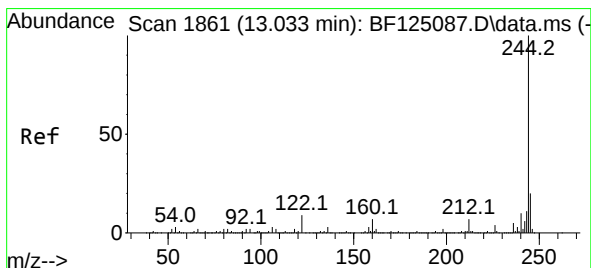
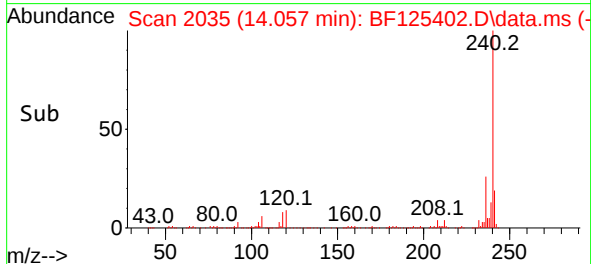
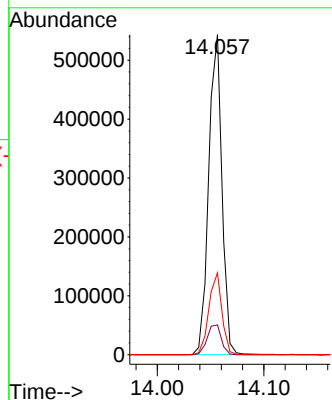
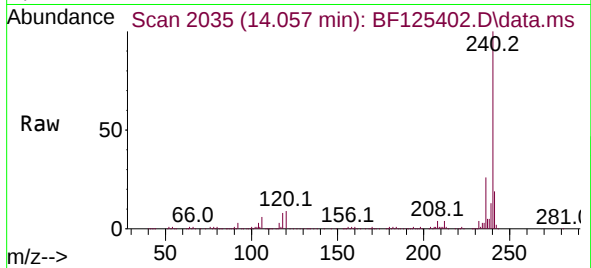




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

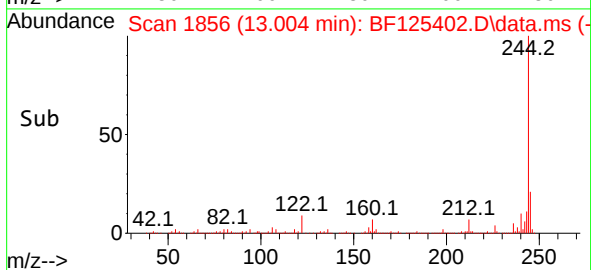
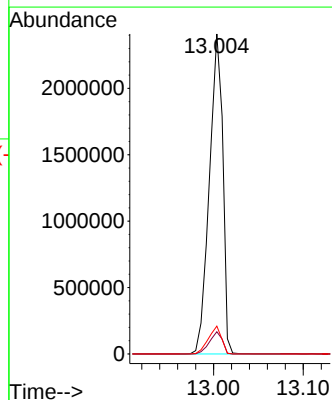
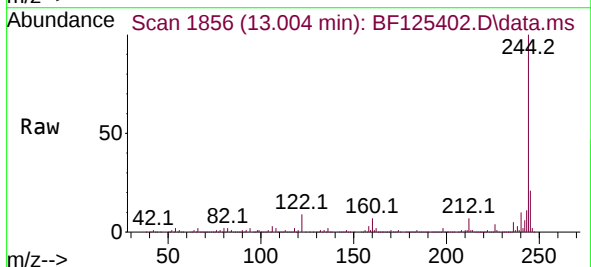
Instrument :
BNA_F
ClientSampleId :
PB138978BL

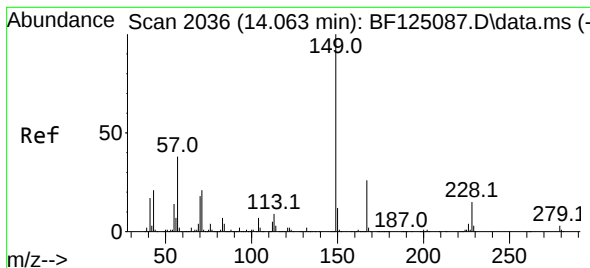
Tgt Ion:240 Resp: 471267
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 84.452 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion:244 Resp: 2498254
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.7 9.0 13.4#

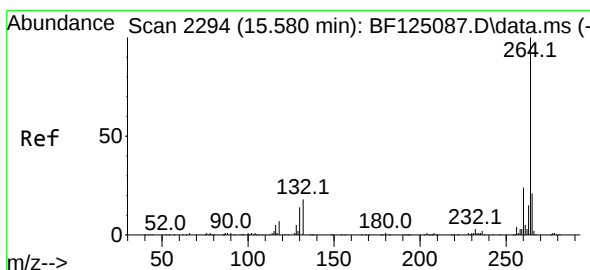
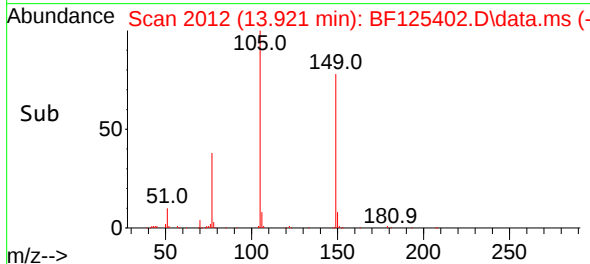
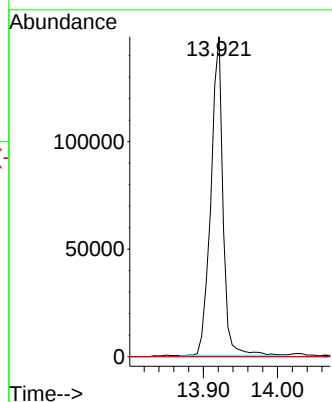
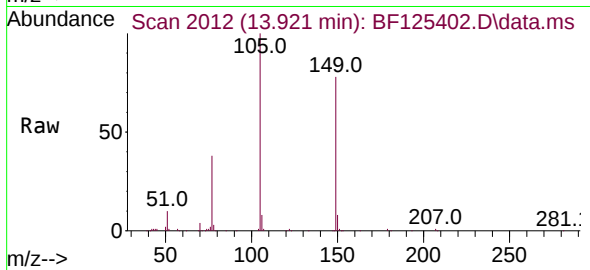




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.723 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.106 min
Lab File: BF125402.D
Acq: 8 Sep 2021 15:46

Instrument :
BNA_F
ClientSampleId :
PB138978BL

Tgt Ion:149 Resp: 168599
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: BF125402.D
Acq: 8 Sep 2021 15:46

Tgt Ion:264 Resp: 368884
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.1 17.2 25.8

