

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100421\
 Data File : BF125761.D
 Acq On : 4 Oct 2021 12:08
 Operator : JU/CG
 Sample : PB139537TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139537TB

Quant Time: Oct 04 13:43:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

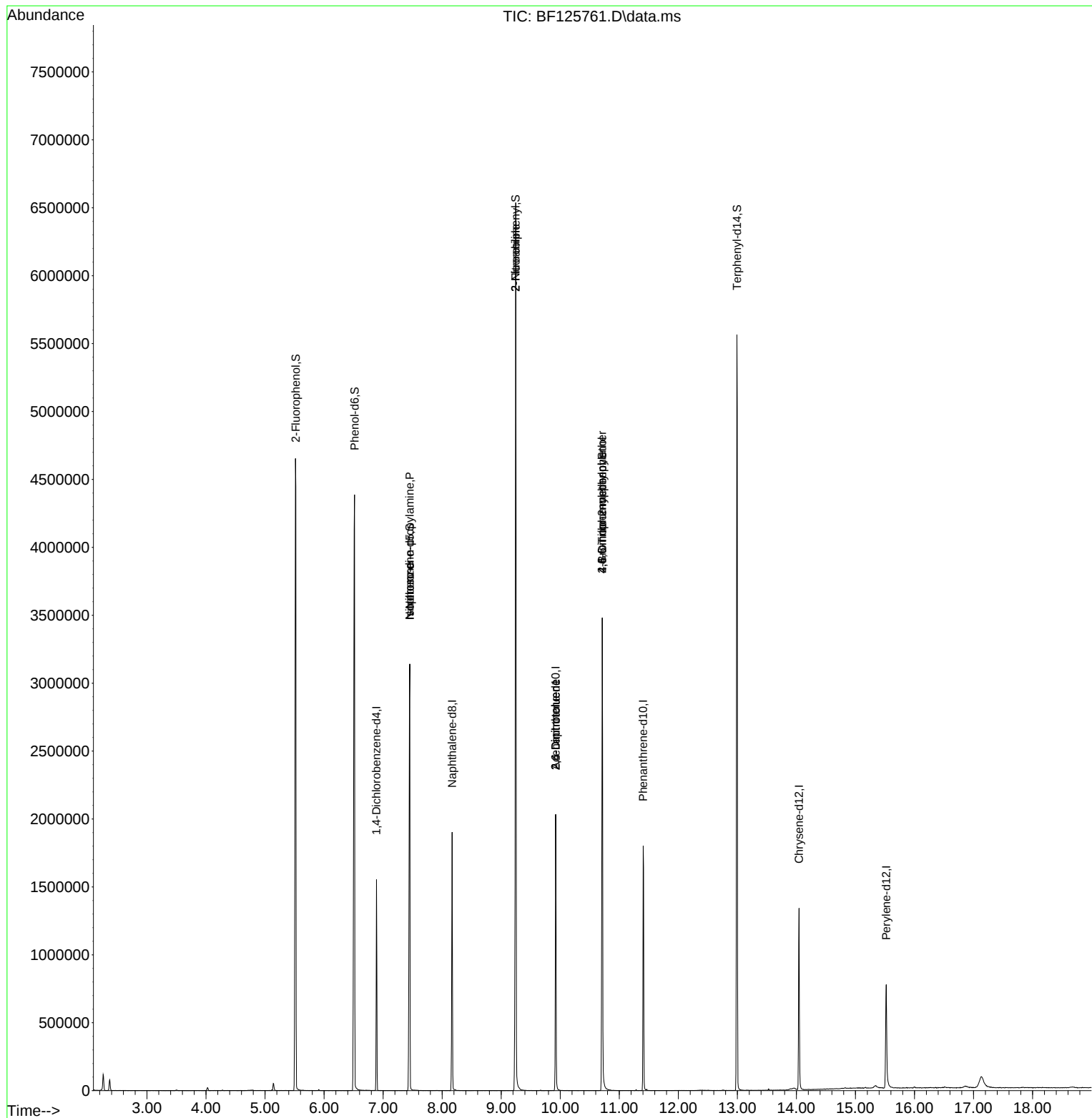
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	219217	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	868525	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	431166	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	698562	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	480382	20.000	ng	0.00
86) Perylene-d12	15.521	264	399998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1693508	127.279	ng	0.02
7) Phenol-d6	6.516	99	2030156	113.491	ng	0.00
23) Nitrobenzene-d5	7.451	82	1222002	98.138	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	505746	125.806	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2247004	95.255	ng	0.00
79) Terphenyl-d14	12.992	244	2133648	76.917	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	2922	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	151811	14.906	ng	# 49
25) Isophorone	7.451	82	1219384	43.726	ng	# 59
48) 2-Nitroaniline	9.245	65	2754	4.562	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	55447	12.683	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	55448	11.564	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	816	9.208	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	28862	3.937	ng	# 1

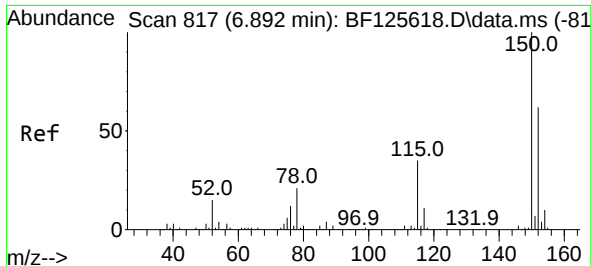
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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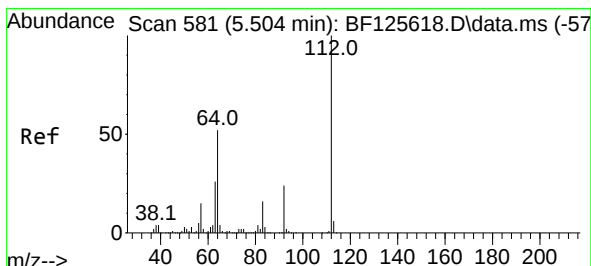
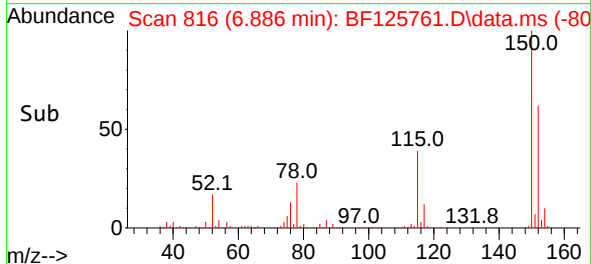
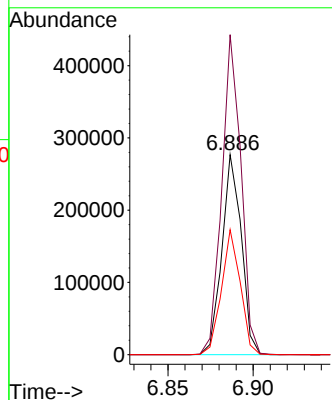
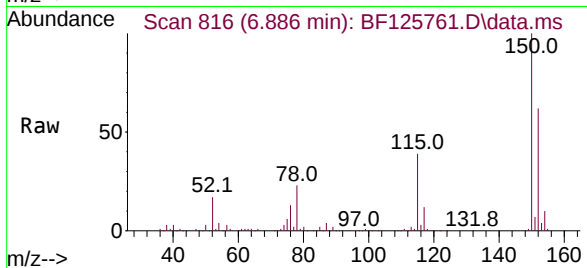




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

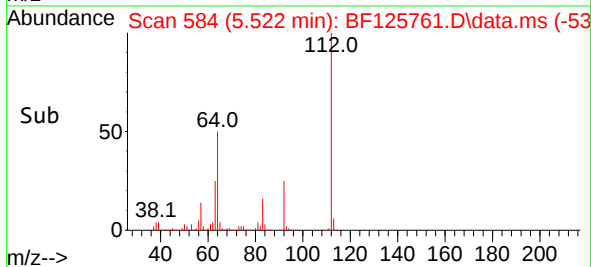
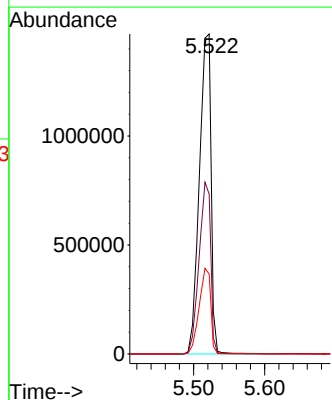
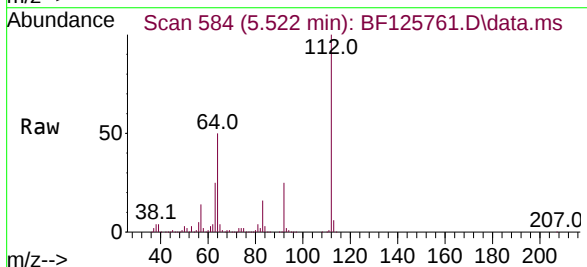
Instrument :
BNA_F
ClientSampleId :
PB139537TB

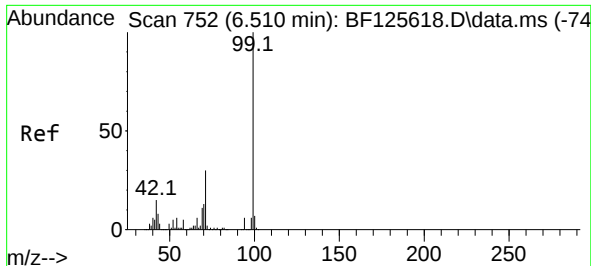
Tgt Ion:152 Resp: 219217
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 62.5 47.1 70.7



#5
2-Fluorophenol
Concen: 127.279 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion:112 Resp: 1693508
Ion Ratio Lower Upper
112 100
64 50.0 44.2 66.2
63 25.0 26.2 39.2#

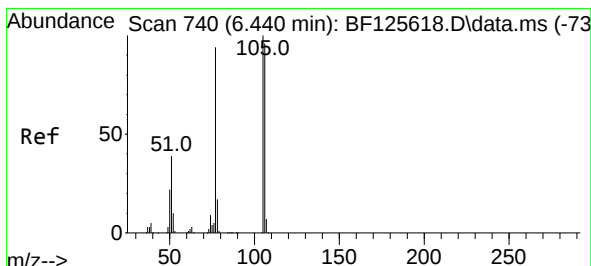
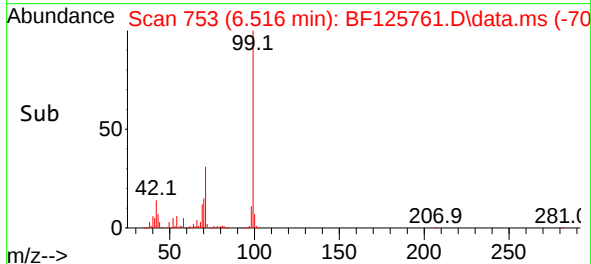
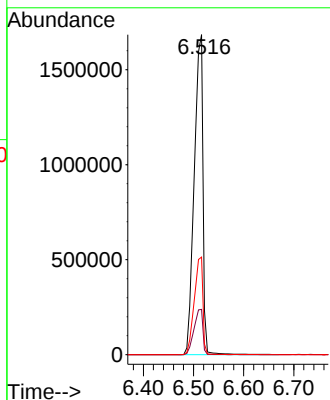
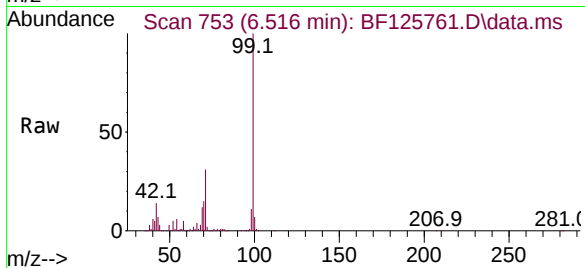




#7
Phenol-d6
Concen: 113.491 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

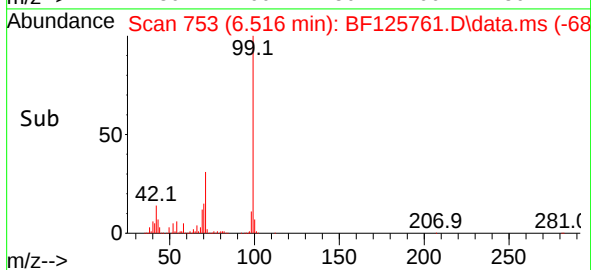
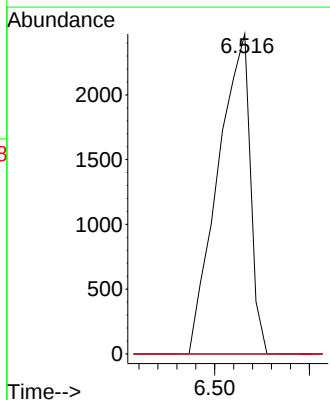
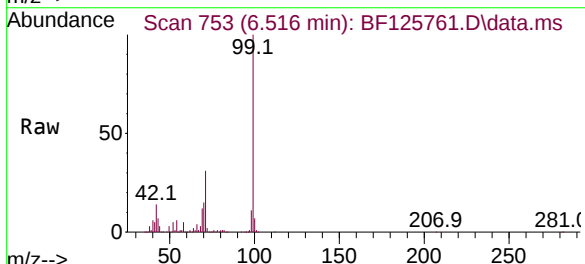
Instrument :
BNA_F
ClientSampleId :
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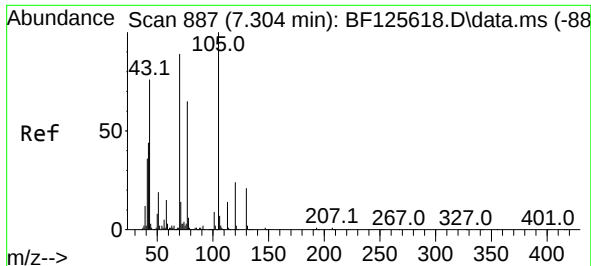
Tgt Ion: 99 Resp: 2030156
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 30.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.076 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

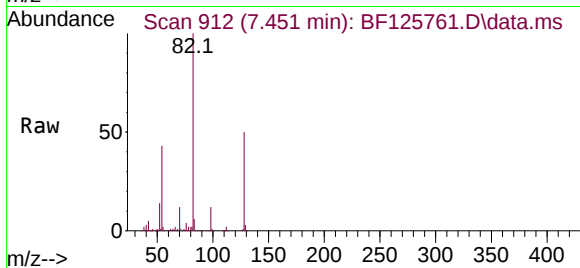
Tgt Ion: 77 Resp: 2922
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



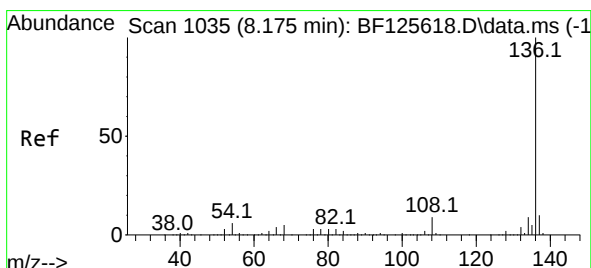
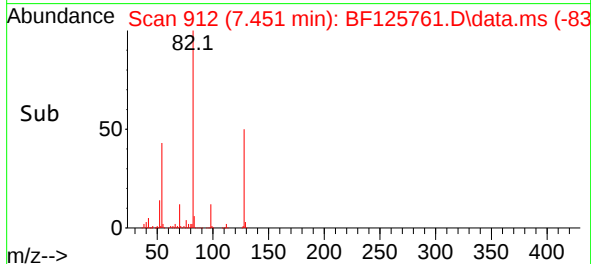
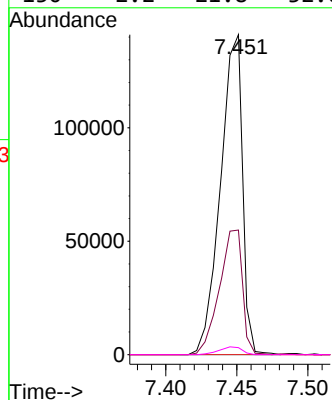


#19
n-Nitroso-di-n-propylamine
Concen: 14.906 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Instrument :
BNA_F
ClientSampleId :
PB139537TB

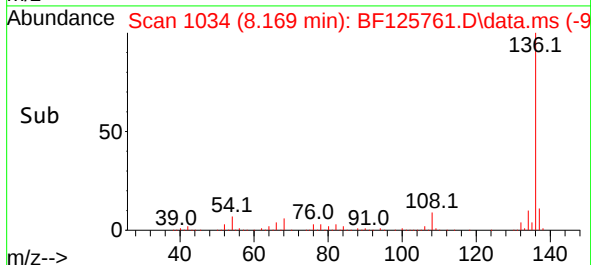
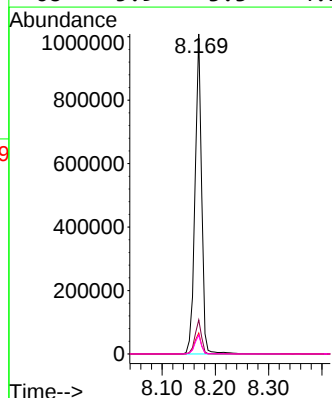
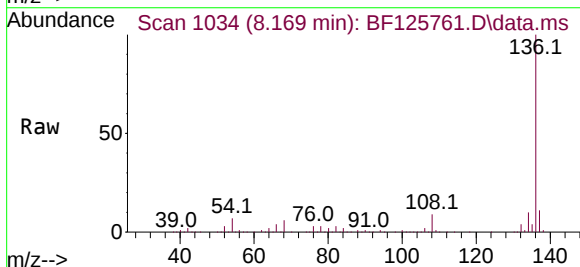


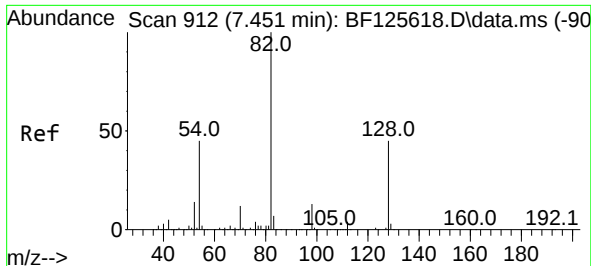
Tgt Ion: 70 Resp: 151811
Ion Ratio Lower Upper
70 100
42 39.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion: 136 Resp: 868525
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.5 6.4 9.6
68 5.9 3.3 4.9#

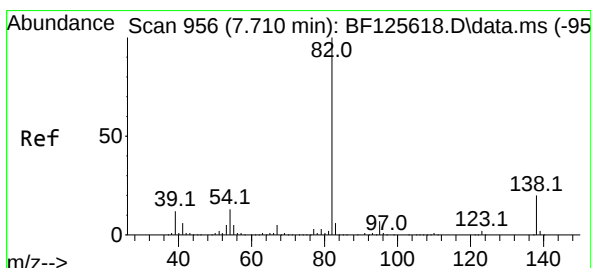
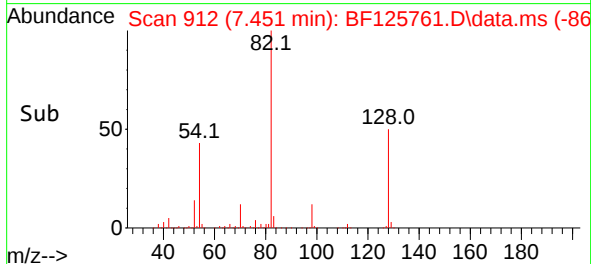
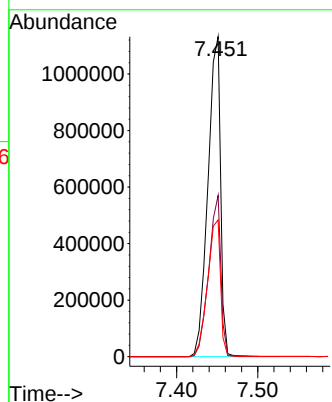
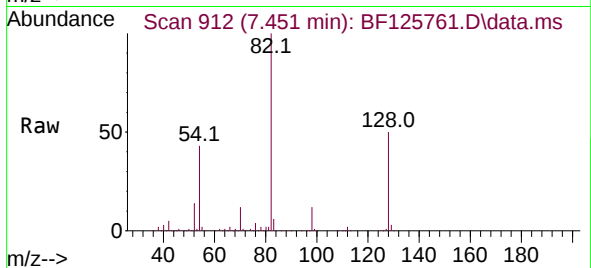




#23
Nitrobenzene-d5
Concen: 98.138 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

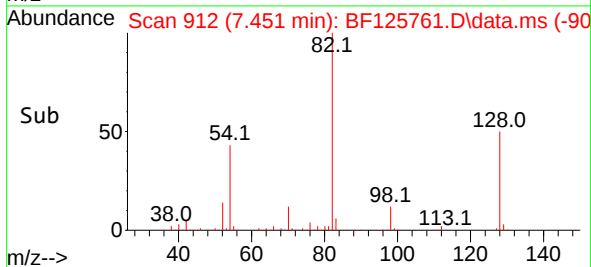
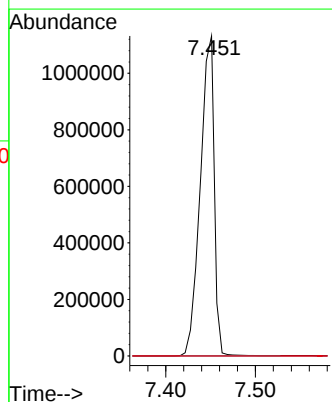
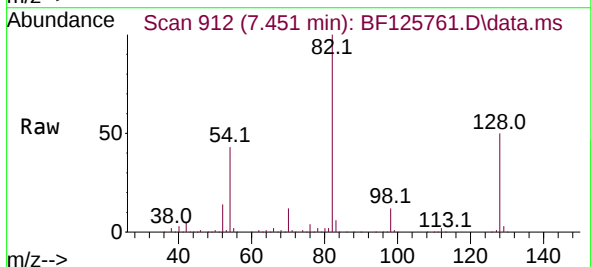
Instrument :
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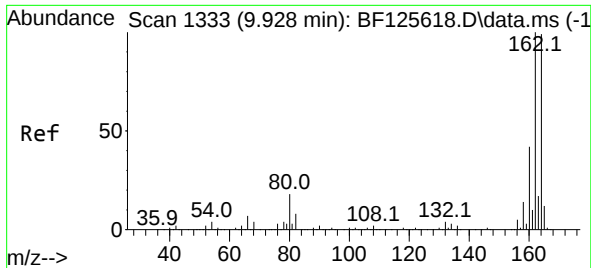
Tgt Ion: 82 Resp: 1222002
Ion Ratio Lower Upper
82 100
128 50.4 40.6 60.8
54 42.7 49.6 74.4#



#25
Isophorone
Concen: 43.726 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion: 82 Resp: 1219384
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

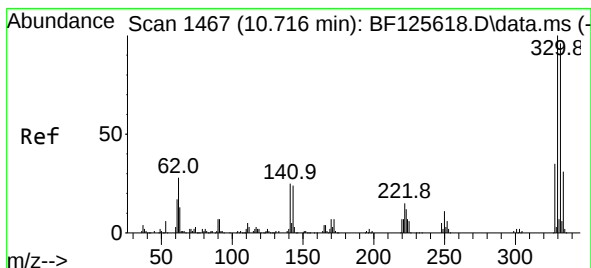
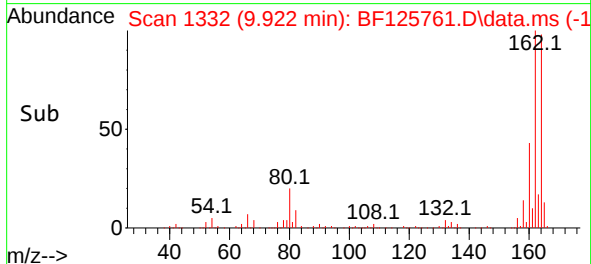
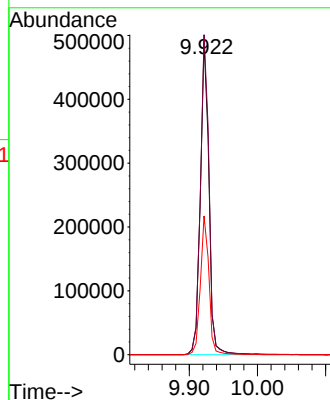
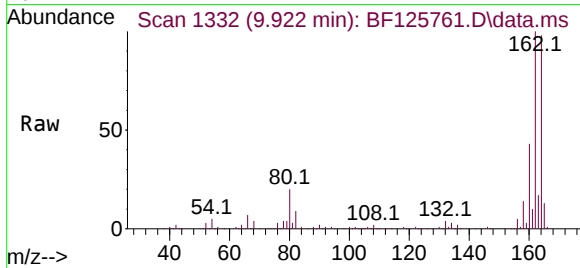




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

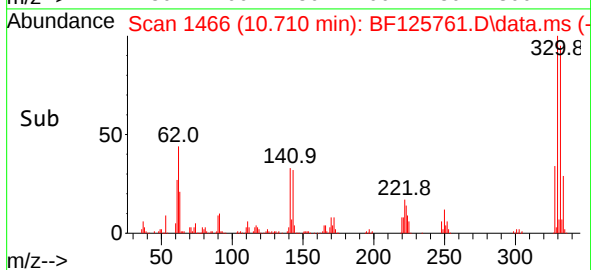
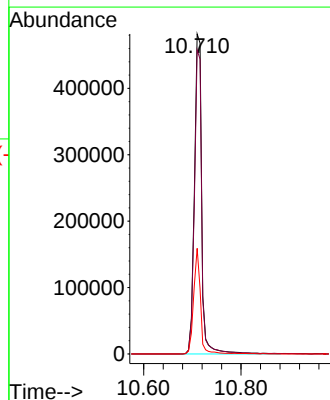
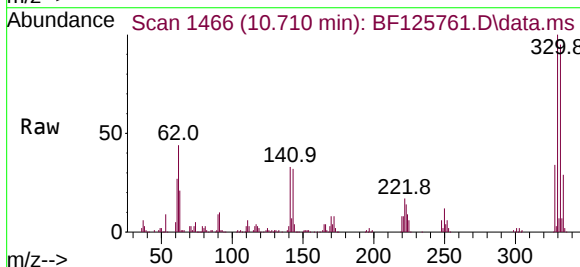
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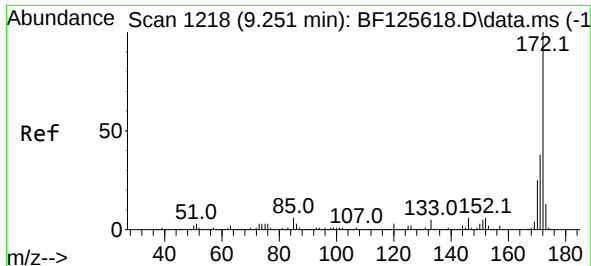
Tgt Ion:164 Resp: 431166
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 125.806 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion:330 Resp: 505746
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 30.7 44.6 66.8#

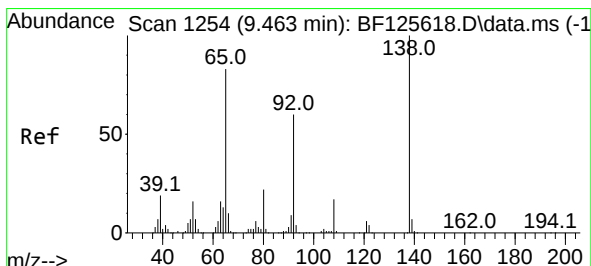
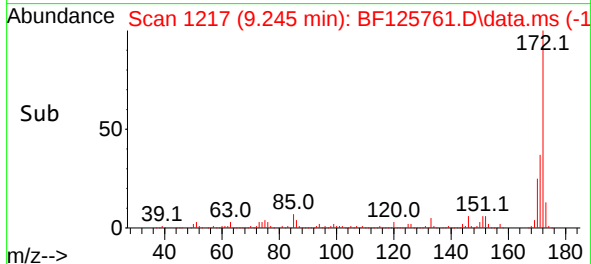
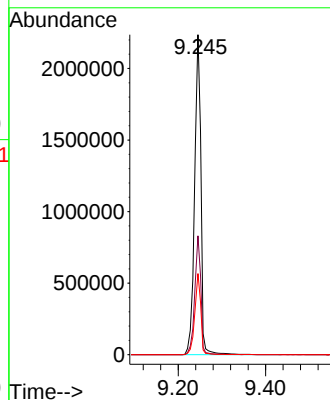
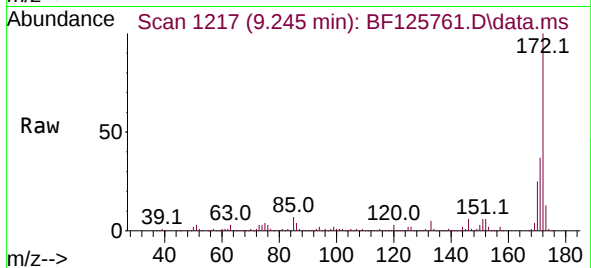




#45
2-Fluorobiphenyl
Concen: 95.255 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

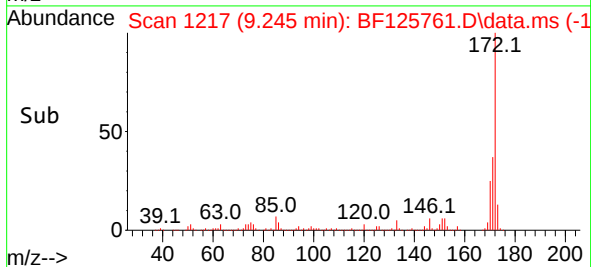
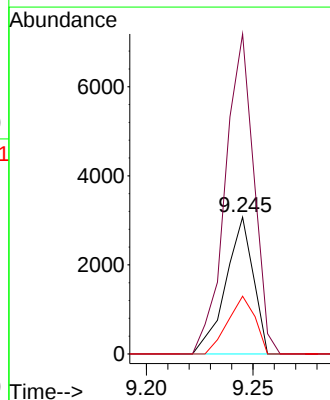
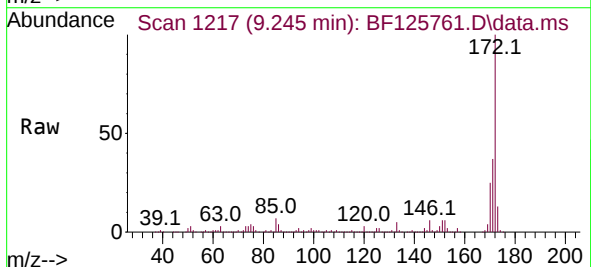
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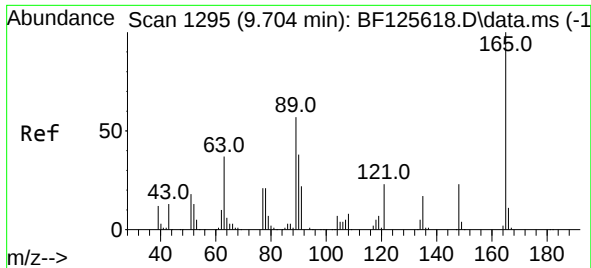
Tgt Ion:172 Resp: 2247004
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 25.4 18.8 28.2



#48
2-Nitroaniline
Concen: 4.562 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion: 65 Resp: 2754
Ion Ratio Lower Upper
65 100
92 233.8 55.5 83.3#
138 42.2 93.5 140.3#

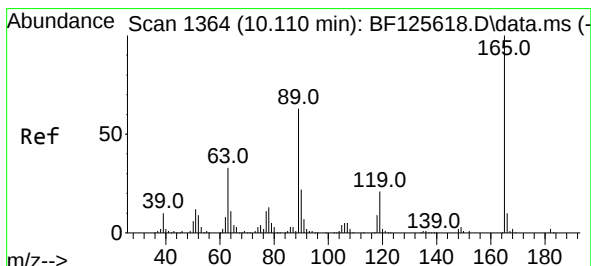
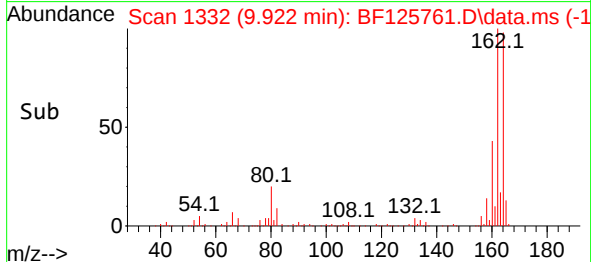
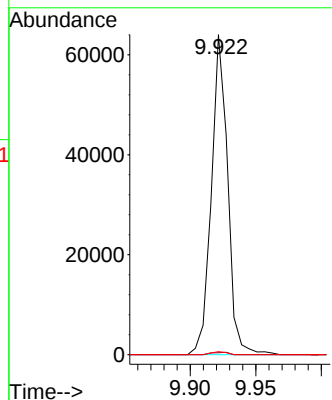
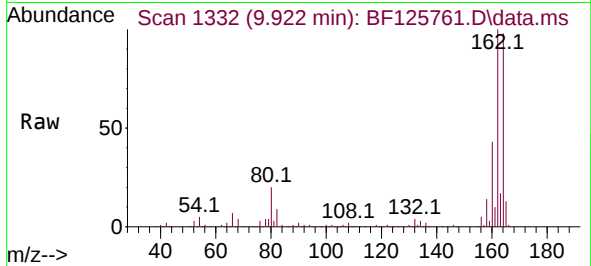




#51
2,6-Dinitrotoluene
Concen: 12.683 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

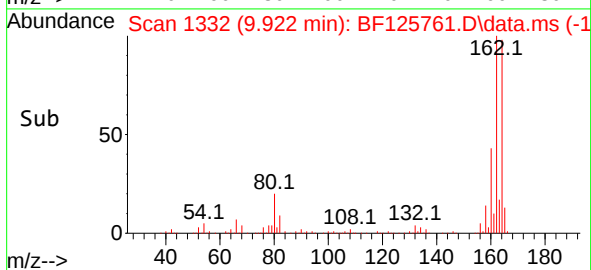
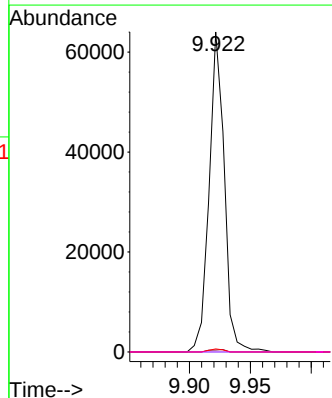
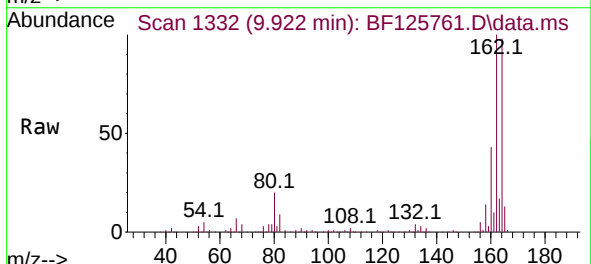
Instrument :
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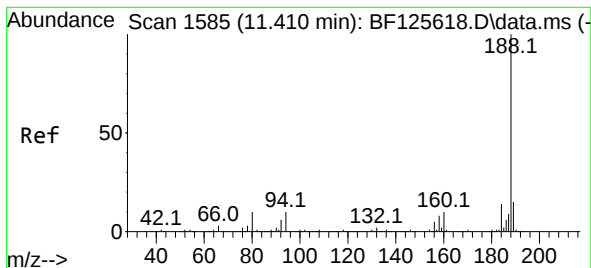
Tgt Ion:165 Resp: 55447
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.564 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion:165 Resp: 55448
Ion Ratio Lower Upper
165 100
63 0.6 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

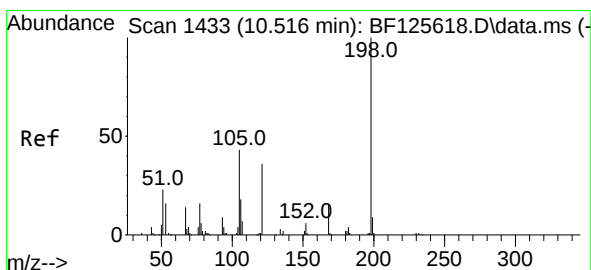
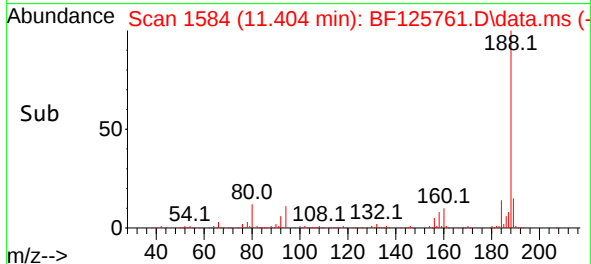
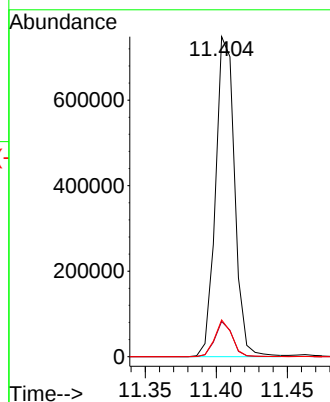
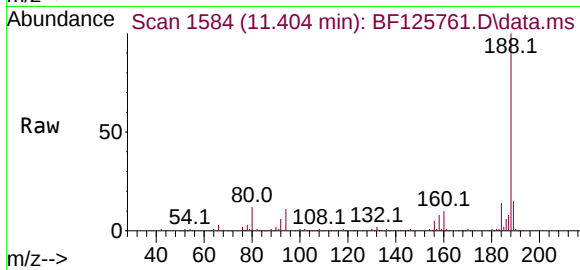




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

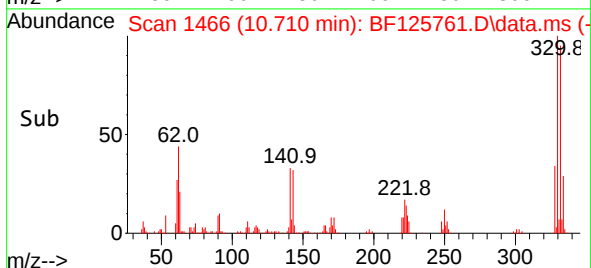
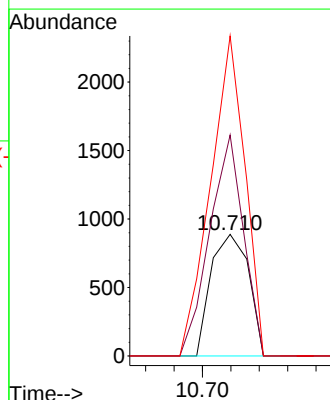
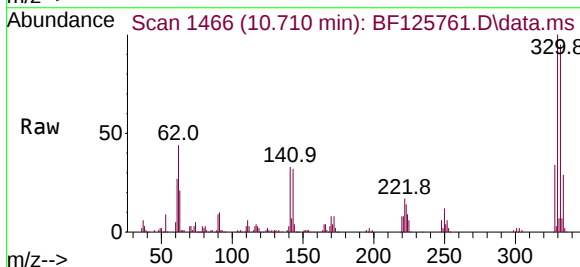
Instrument :
BNA_F
ClientSampleId :
PB139537TB

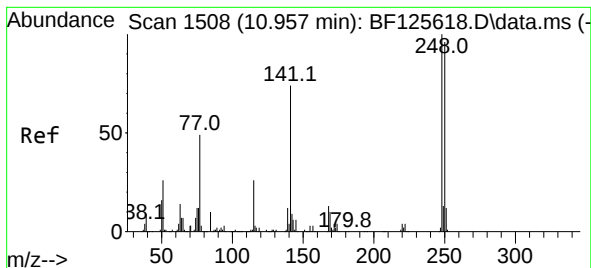
Tgt Ion:188 Resp: 698562
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.5 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.208 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion:198 Resp: 816
Ion Ratio Lower Upper
198 100
51 181.8 45.3 85.3#
105 263.2 30.6 70.6#

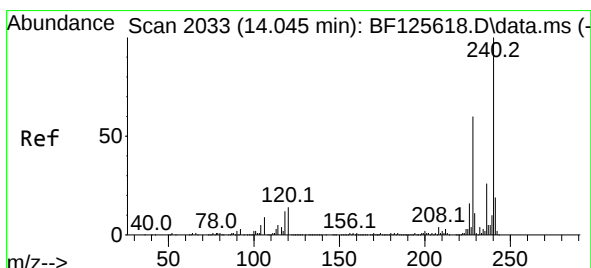
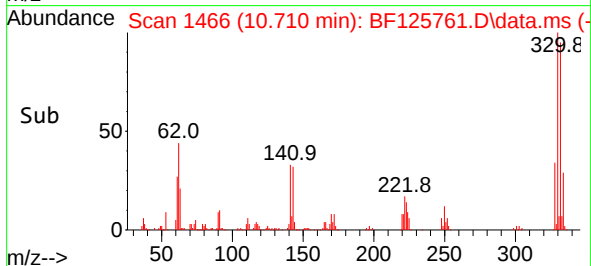
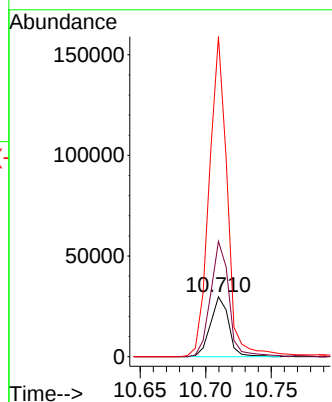
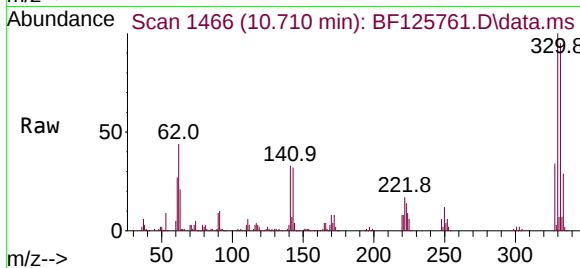




#67
4-Bromophenyl-phenylether
Concen: 3.937 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

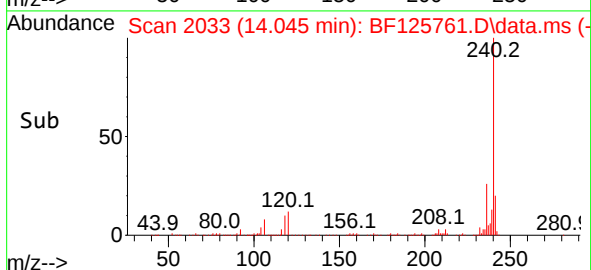
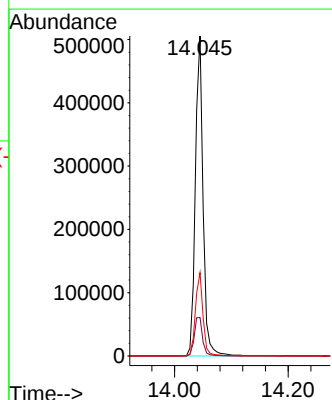
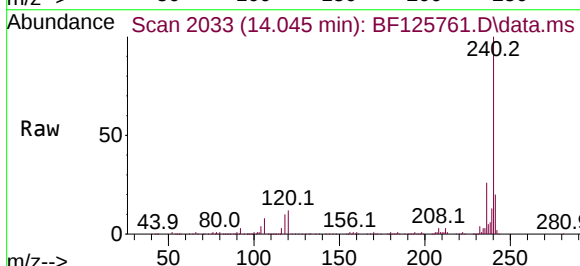
Instrument :
BNA_F
ClientSampleId :
PB139537TB

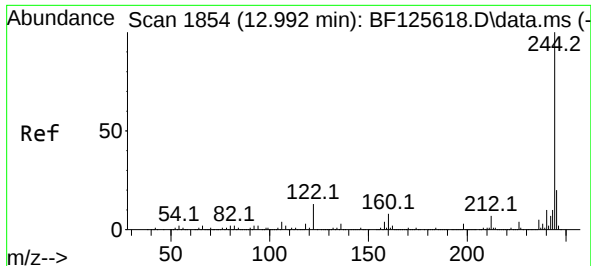
Tgt Ion:248 Resp: 28862
Ion Ratio Lower Upper
248 100
250 192.8 74.2 111.4#
141 534.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125761.D
Acq: 4 Oct 2021 12:08

Tgt Ion:240 Resp: 480382
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 26.1 21.6 32.4

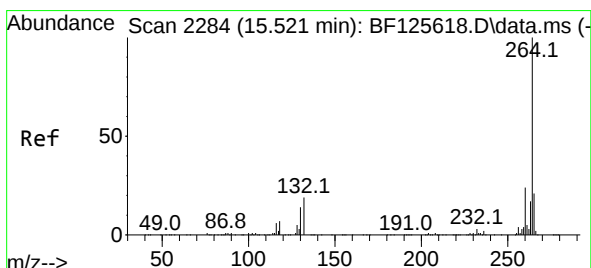
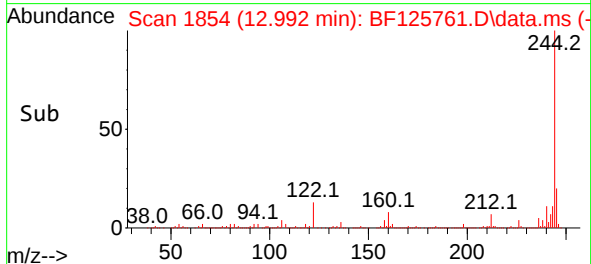
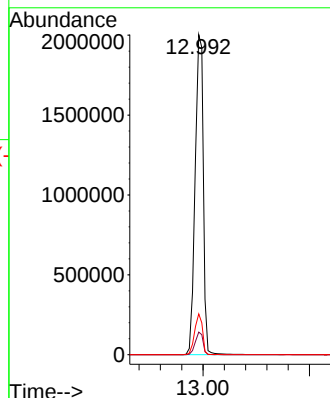
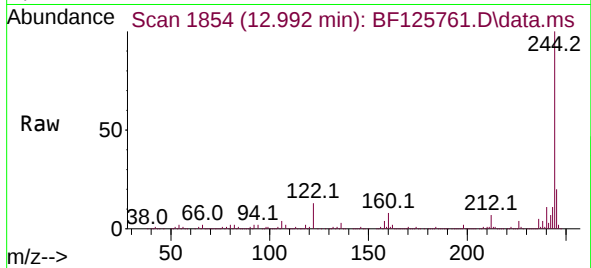




#79
 Terphenyl-d14
 Concen: 76.917 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125761.D
 Acq: 4 Oct 2021 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB139537TB

Tgt Ion:244 Resp: 2133648
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF125761.D
 Acq: 4 Oct 2021 12:08

Tgt Ion:264 Resp: 399998
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.8 17.2 25.8

