

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125180.D
 Acq On : 24 Aug 2021 12:13
 Operator : JU/CG
 Sample : PB138616BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138616BL

Quant Time: Aug 24 12:40:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

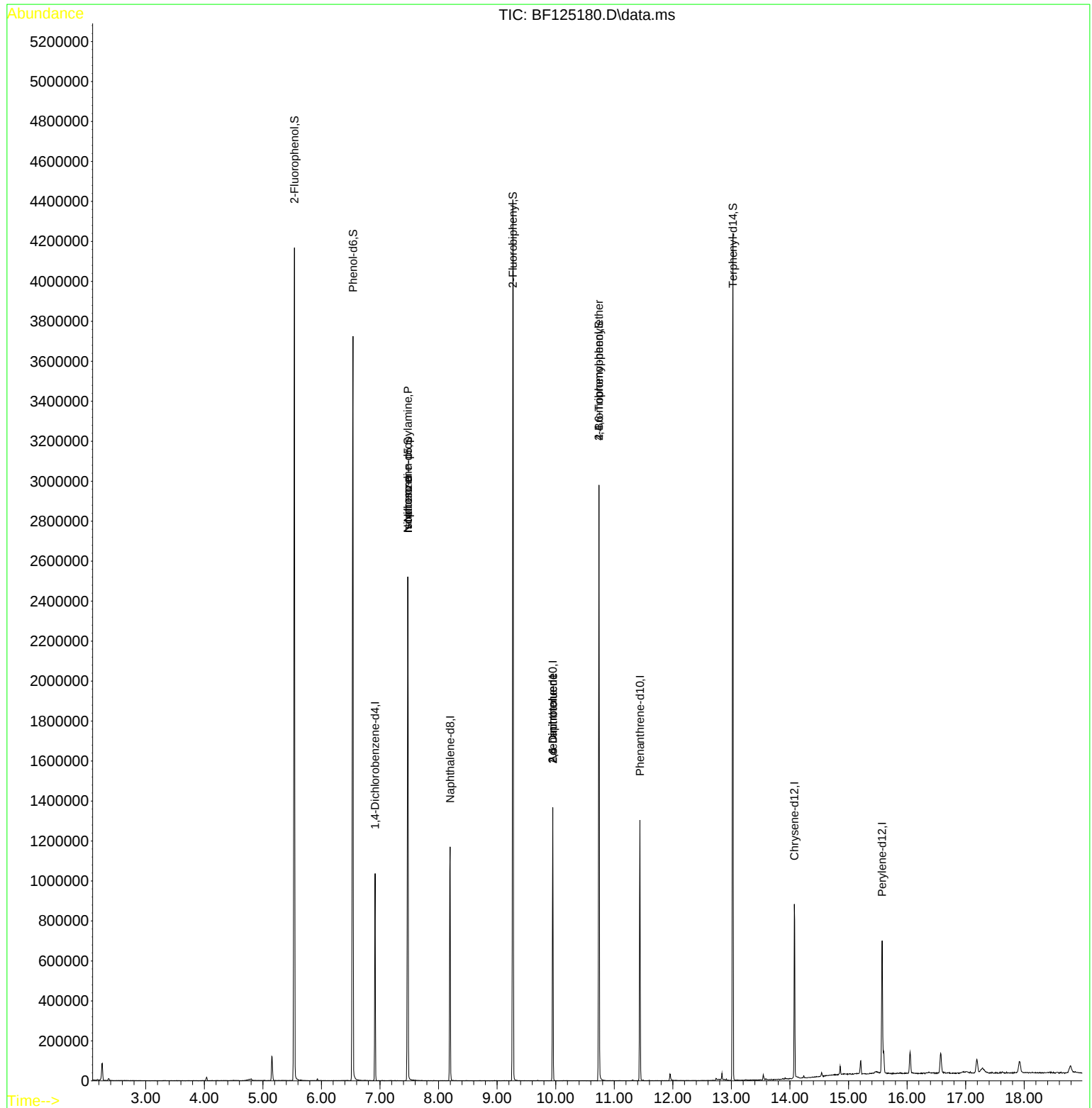
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	139049	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	515428	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	257197	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	437375	20.000	ng	0.00
76) Chrysene-d12	14.074	240	302434	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	294723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1044001	113.643	ng	0.01
7) Phenol-d6	6.540	99	1240058	104.371	ng	0.00
23) Nitrobenzene-d5	7.475	82	821954	80.284	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	336280	130.981	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1479732	80.186	ng	0.00
79) Terphenyl-d14	13.027	244	1482698	78.102	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	113440	15.874	ng	# 59
25) Isophorone	7.475	82	821948	41.616	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	32053	8.294	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	32053	6.853	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	20926	3.984	ng	# 1

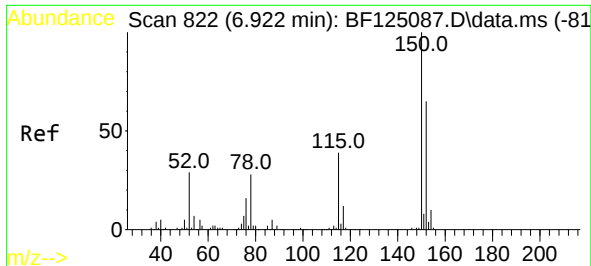
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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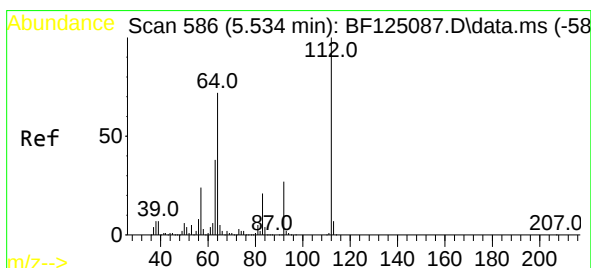
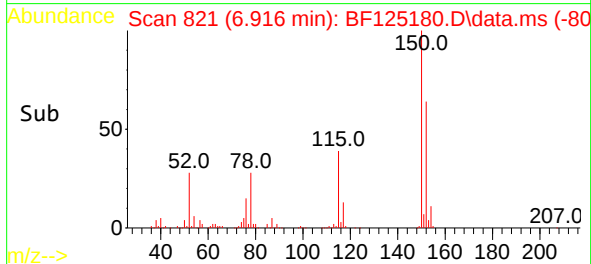
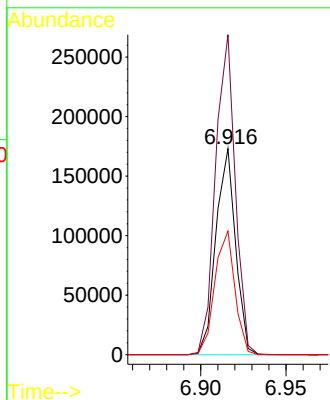
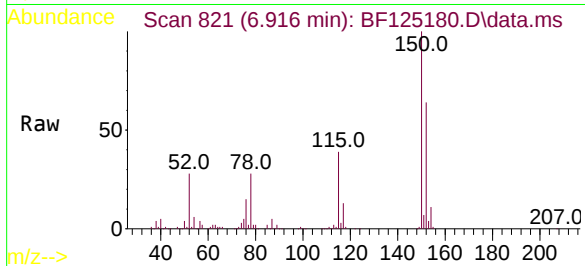




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

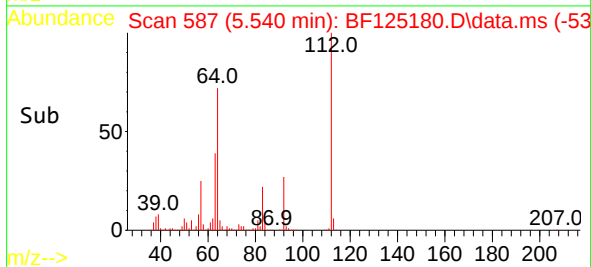
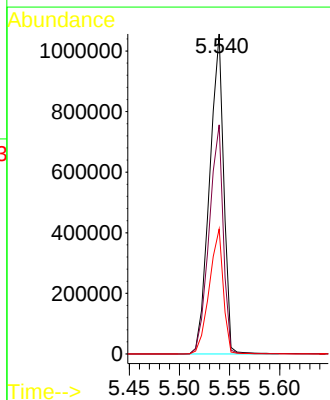
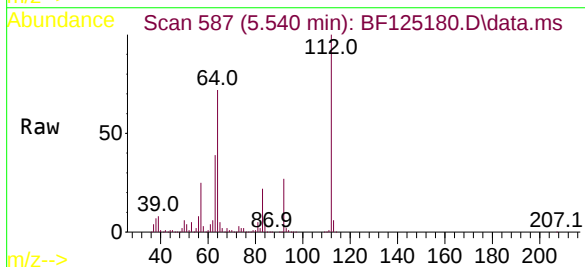
Instrument :
BNA_F
ClientSampleId :
PB138616BL

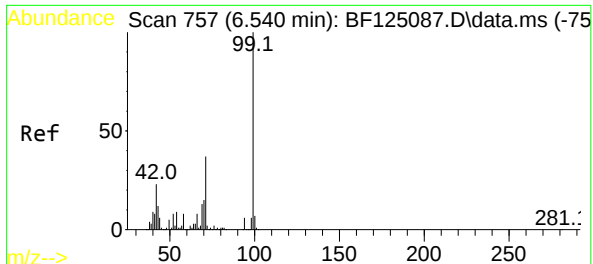
Tgt Ion:152 Resp: 139049
Ion Ratio Lower Upper
152 100
150 155.2 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 113.643 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion:112 Resp: 1044001
Ion Ratio Lower Upper
112 100
64 71.6 44.2 66.2#
63 39.0 26.2 39.2

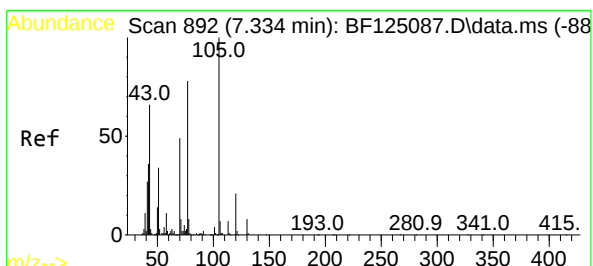
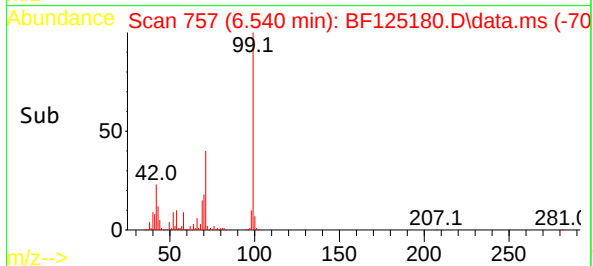
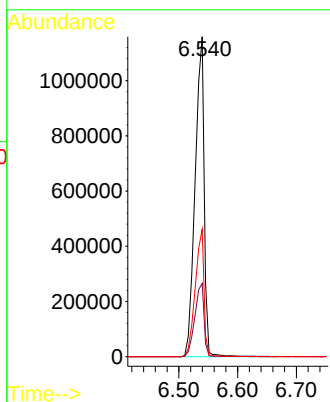
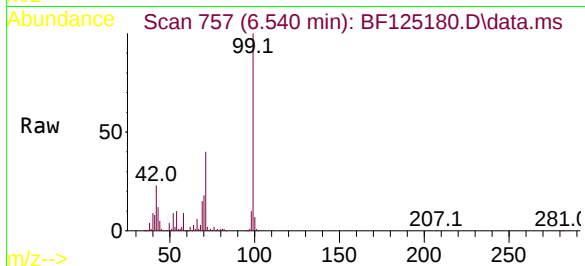




#7
Phenol-d6
Concen: 104.371 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

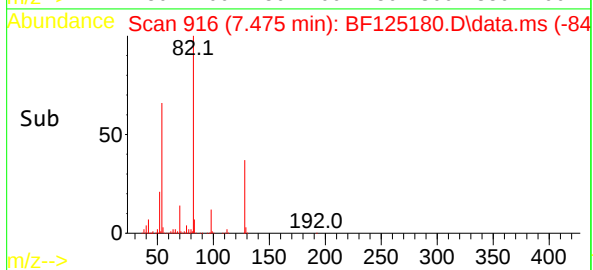
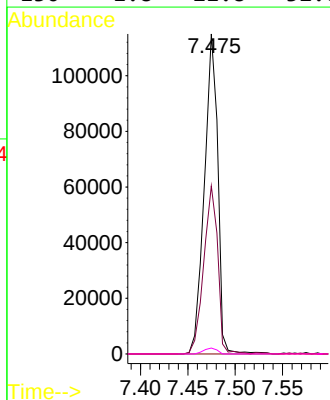
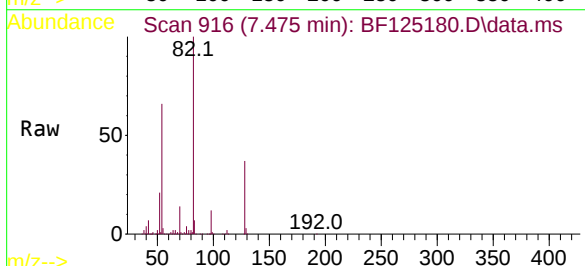
Instrument :
BNA_F
ClientSampleId :
PB138616BL

Tgt Ion: 99 Resp: 1240058
Ion Ratio Lower Upper
99 100
42 22.9 23.5 35.3#
71 39.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.874 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion: 70 Resp: 113440
Ion Ratio Lower Upper
70 100
42 52.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

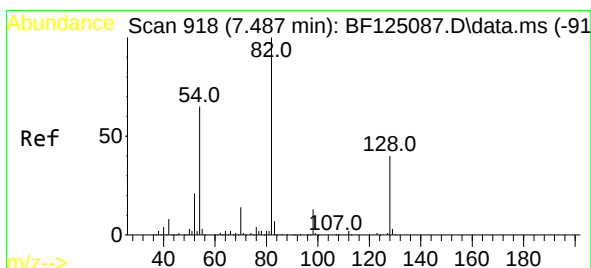
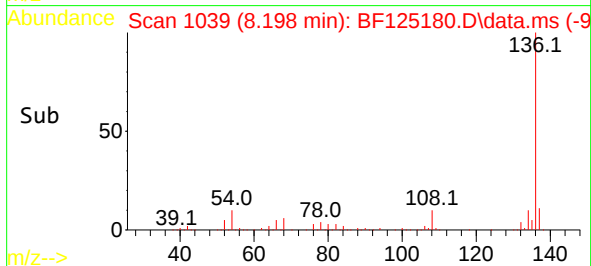
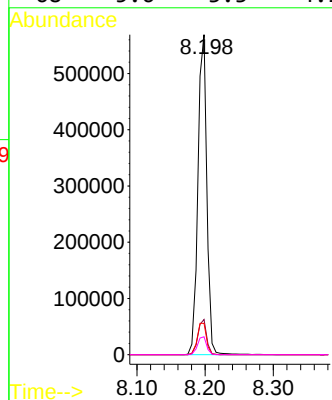
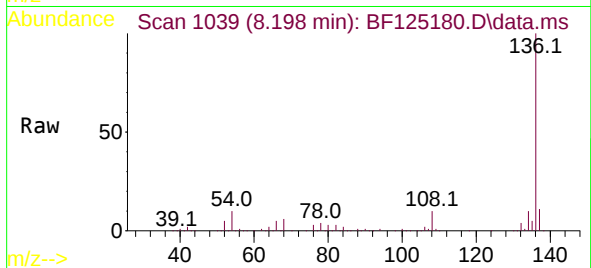




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

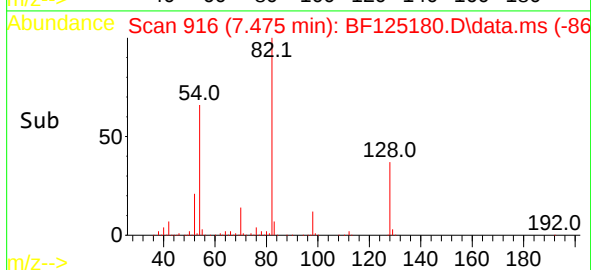
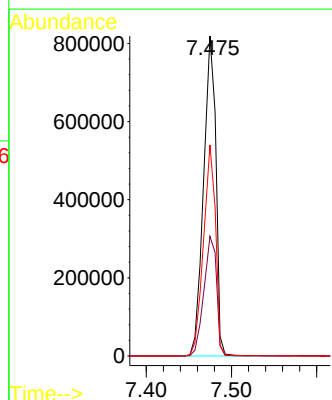
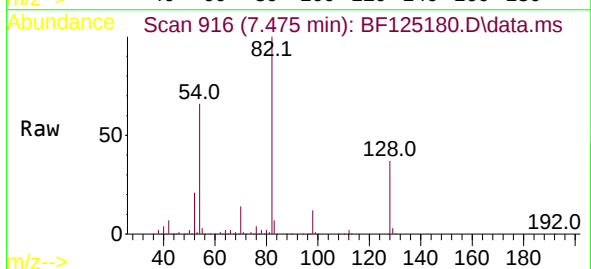
Instrument :
BNA_F
ClientSampleId :
PB138616BL

Tgt Ion:136 Resp: 515428
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.8 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 80.284 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion: 82 Resp: 821954
Ion Ratio Lower Upper
82 100
128 37.4 40.6 60.8#
54 66.0 49.6 74.4

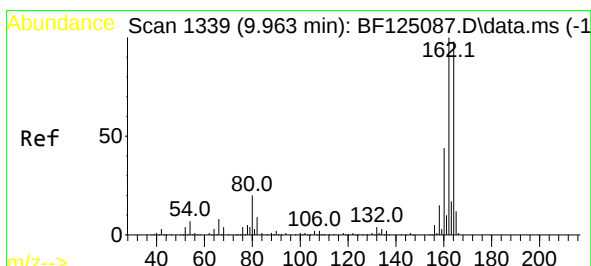
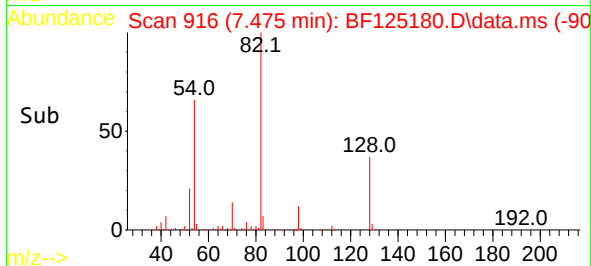
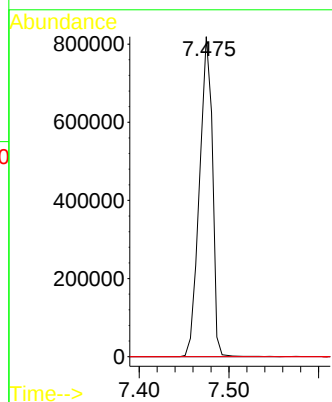
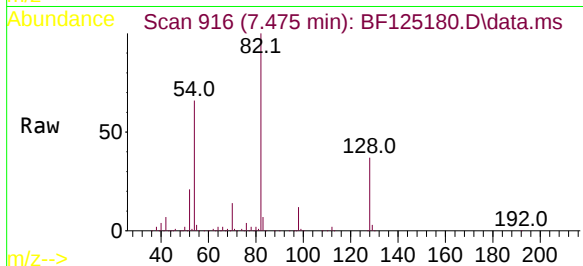




#25
Isophorone
Concen: 41.616 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

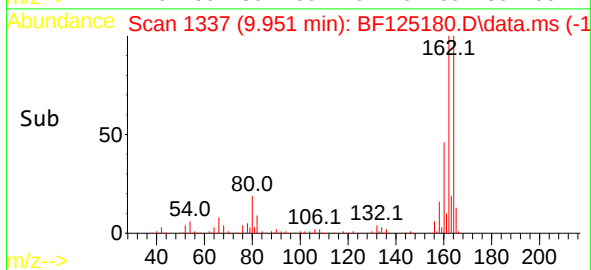
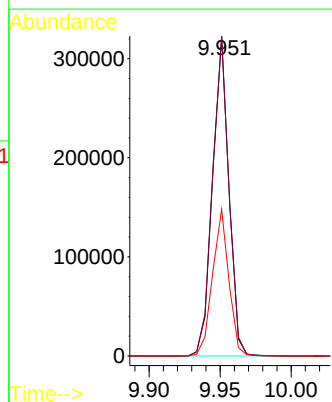
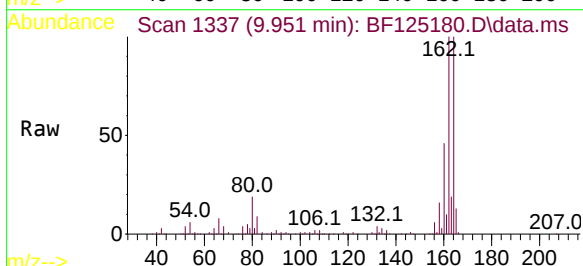
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ClientSampleId :
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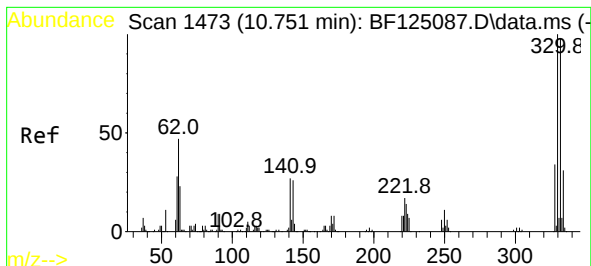
Tgt Ion: 82 Resp: 821948
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion: 164 Resp: 257197
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.9 38.0 57.0

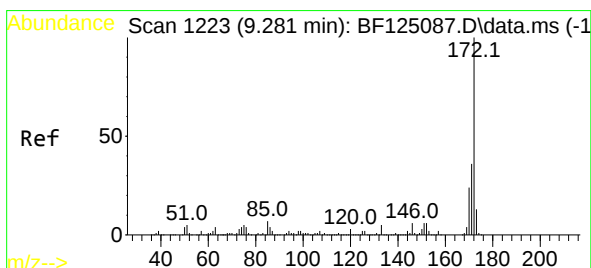
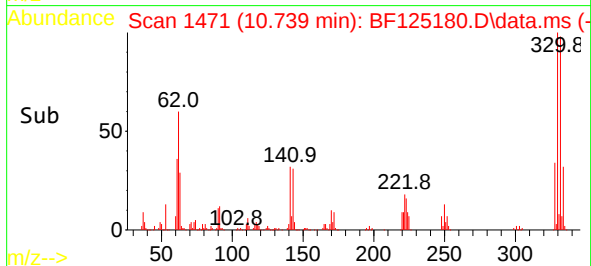
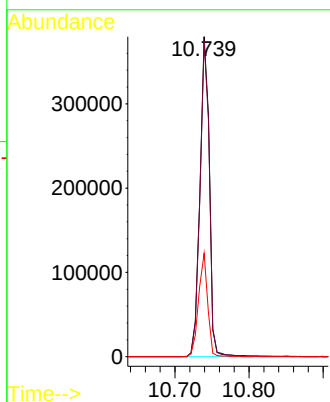
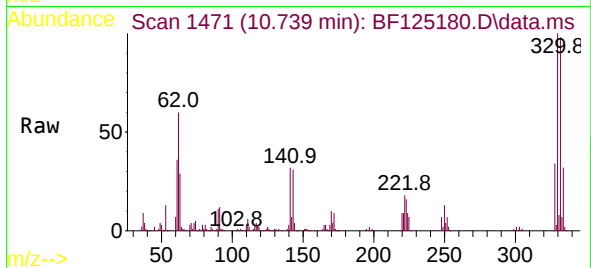




#42
2,4,6-Tribromophenol
Concen: 130.981 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

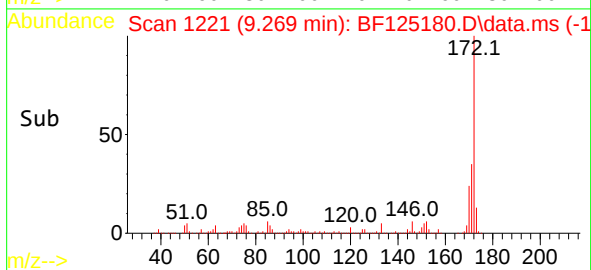
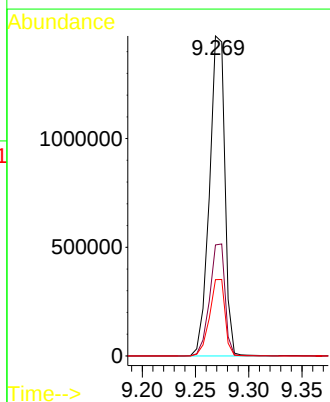
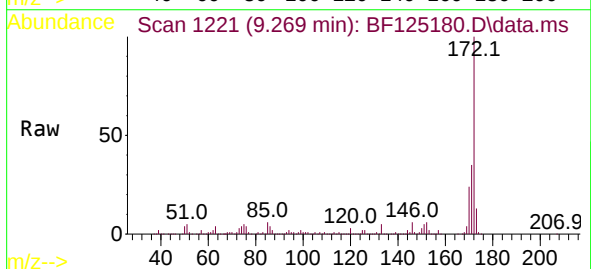
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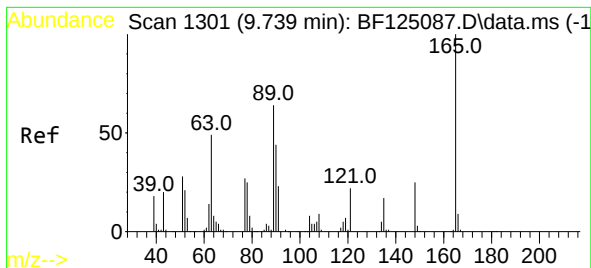
Tgt Ion:330 Resp: 336280
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.186 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion:172 Resp: 1479732
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.9 18.8 28.2

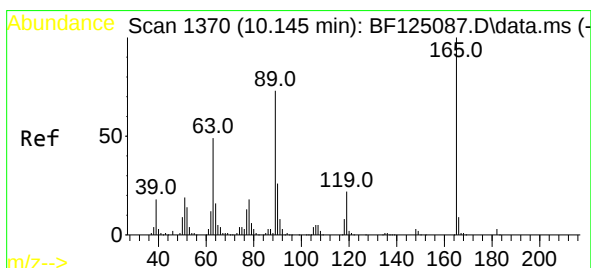
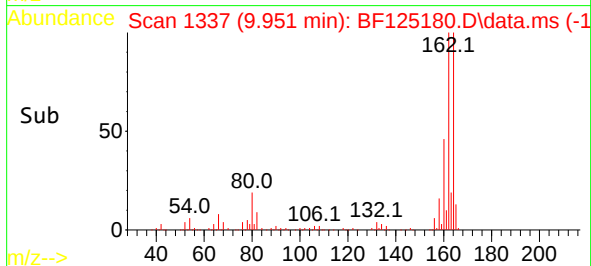
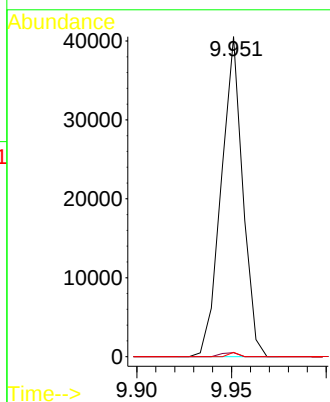
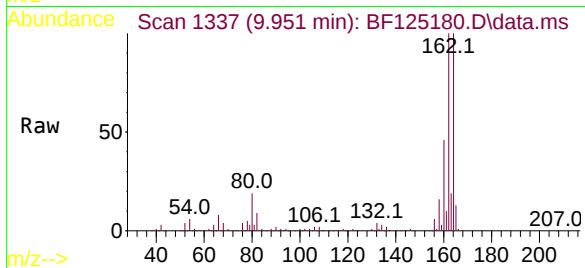




#51
2,6-Dinitrotoluene
Concen: 8.294 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

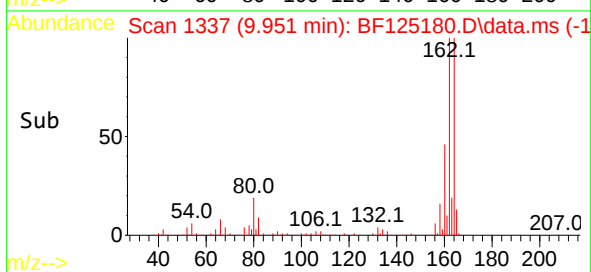
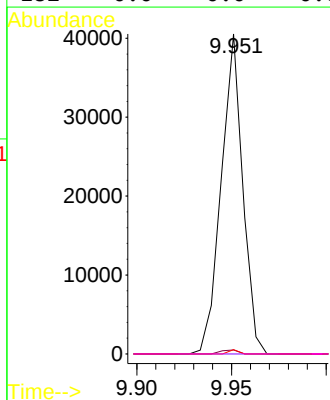
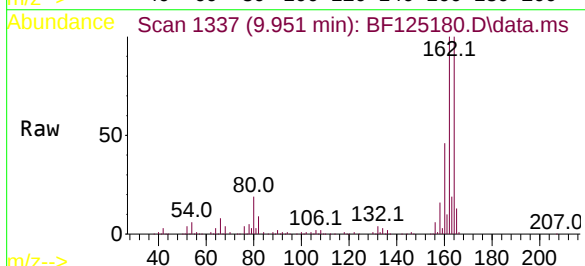
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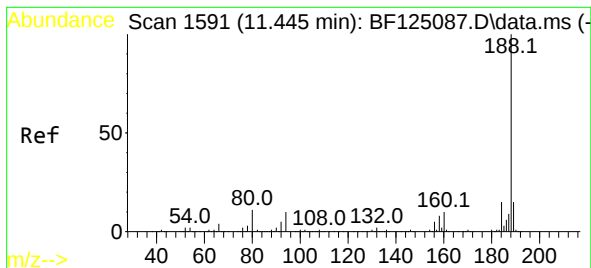
Tgt Ion:165 Resp: 32053
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.853 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion:165 Resp: 32053
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

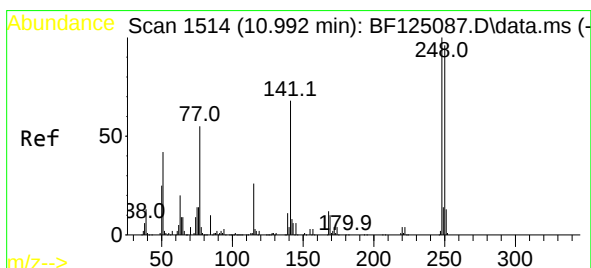
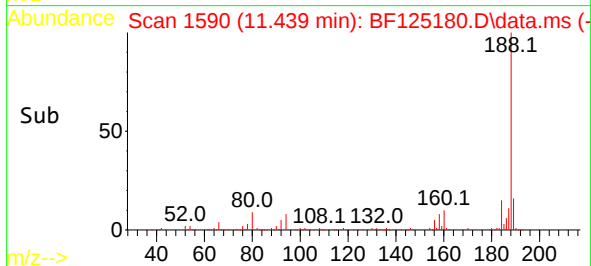
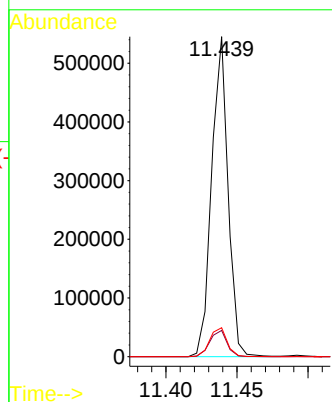
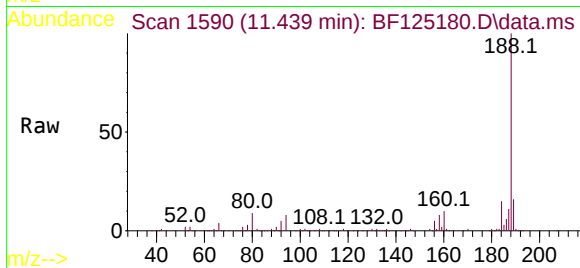




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

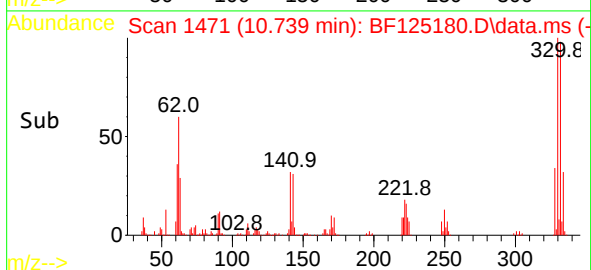
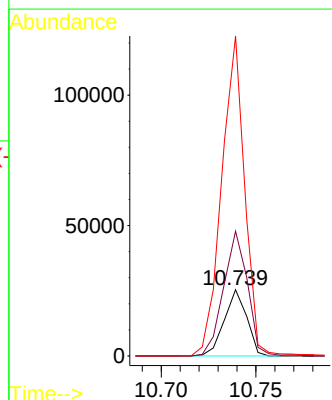
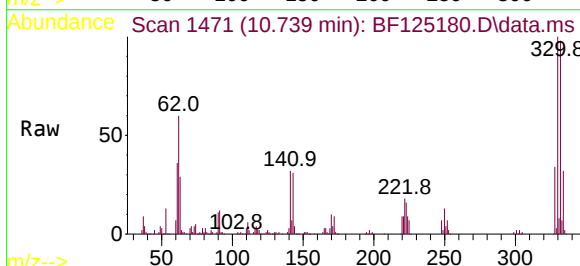
Instrument :
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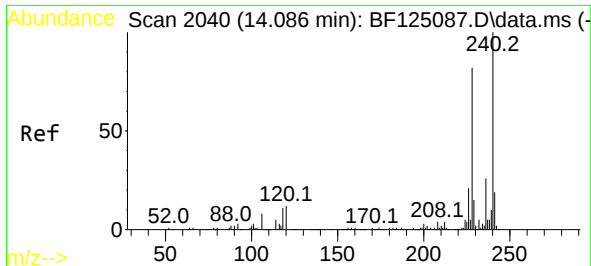
Tgt Ion:188 Resp: 437375
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.984 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion:248 Resp: 20926
Ion Ratio Lower Upper
248 100
250 188.6 74.2 111.4#
141 483.4 60.4 90.6#

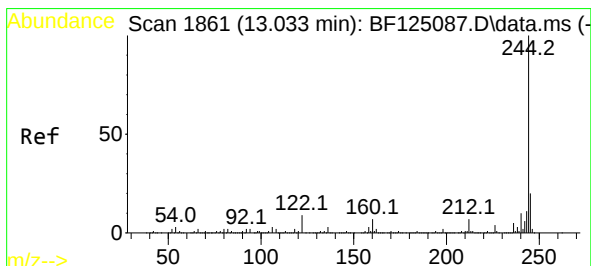
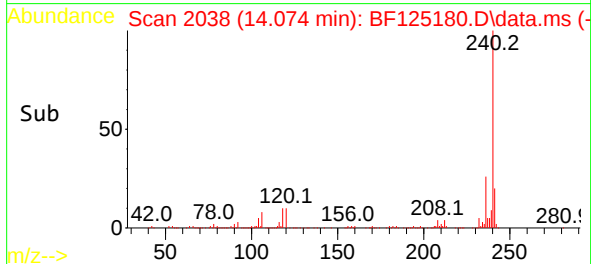
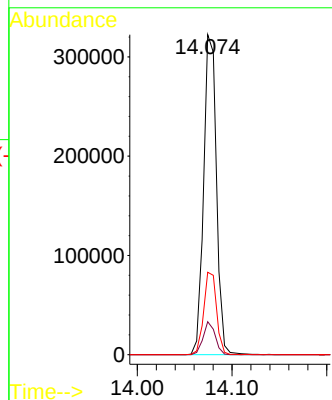
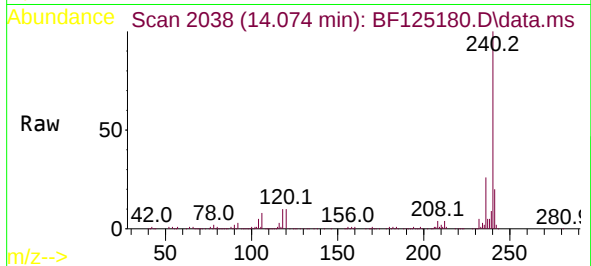




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

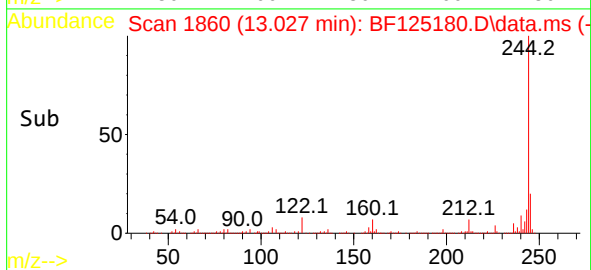
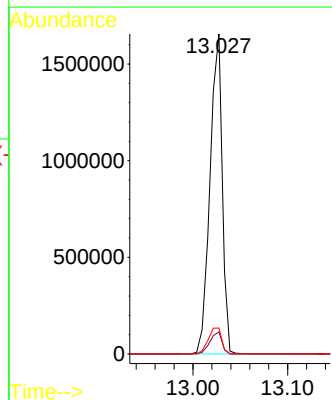
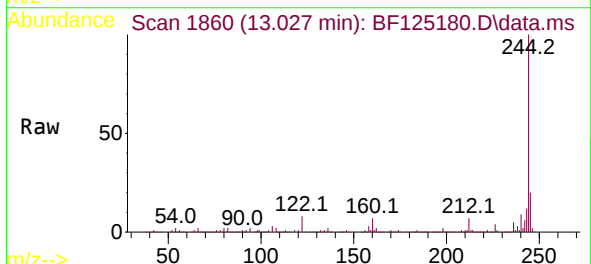
Instrument :
BNA_F
ClientSampleId :
PB138616BL

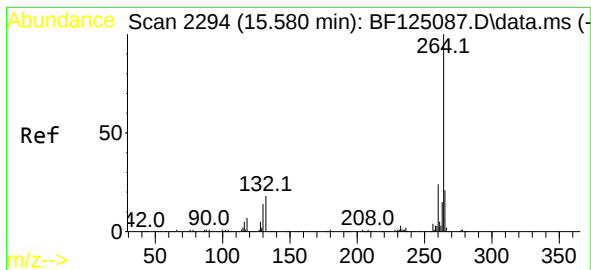
Tgt Ion:240 Resp: 302434
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 78.102 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125180.D
Acq: 24 Aug 2021 12:13

Tgt Ion:244 Resp: 1482698
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.1 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF125180.D
 Acq: 24 Aug 2021 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB138616BL

Tgt Ion:264 Resp: 294723
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.9 17.2 25.8

