

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125938.D
 Acq On : 26 Oct 2021 17:22
 Operator : JU/CG
 Sample : M4340-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-ED

Quant Time: Oct 27 09:02:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

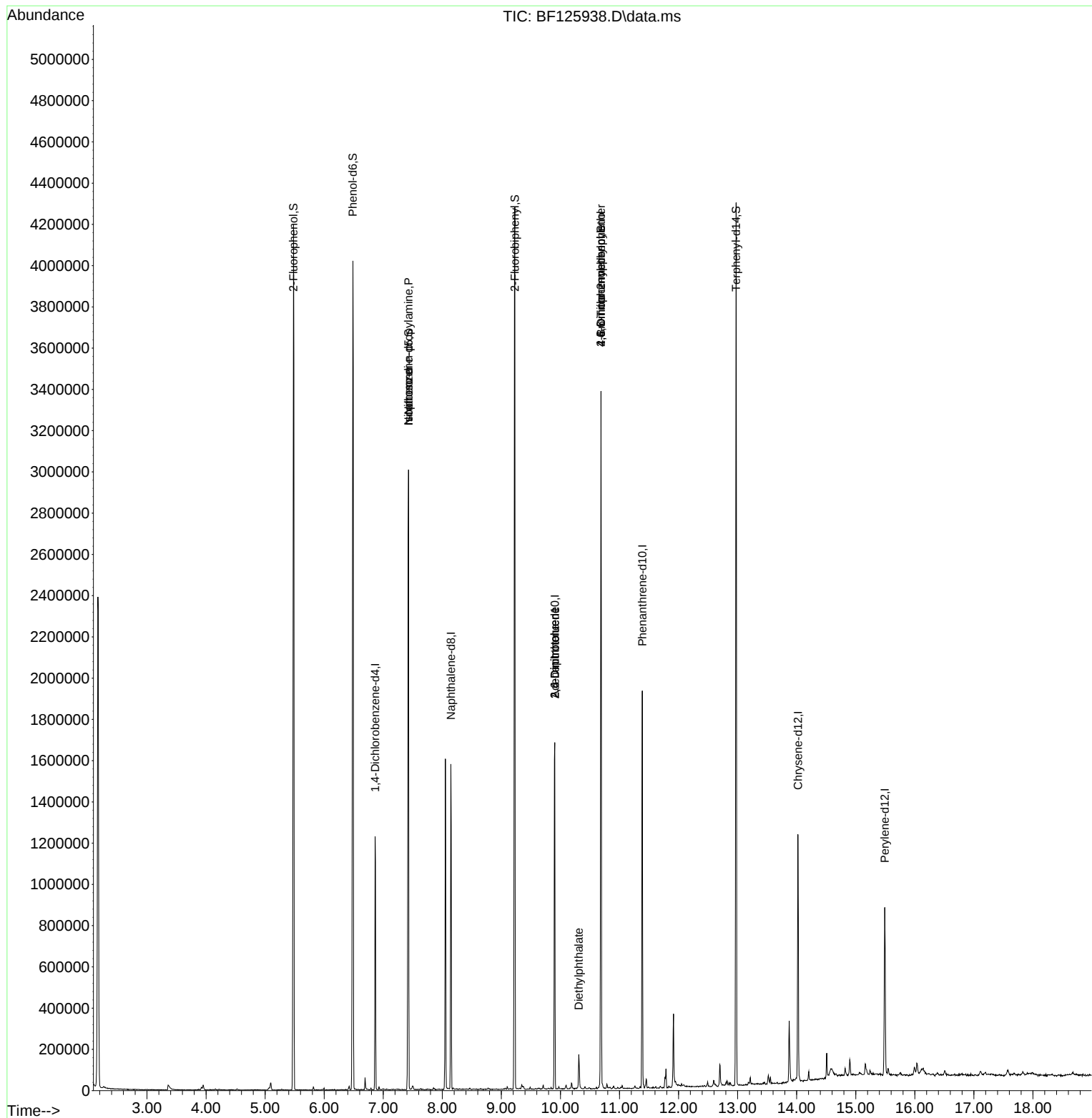
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	157514	20.000	ng	# 0.00
21) Naphthalene-d8	8.145	136	630832	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	356664	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	645229	20.000	ng	0.00
76) Chrysene-d12	14.021	240	369074	20.000	ng	-0.01
86) Perylene-d12	15.492	264	338345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1062565	100.481	ng	0.00
7) Phenol-d6	6.487	99	1340813	92.443	ng	0.00
23) Nitrobenzene-d5	7.428	82	899811	73.678	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	333949	107.407	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1371146	67.985	ng	0.00
79) Terphenyl-d14	12.974	244	1388773	61.550	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	123044	14.848	ng	# 64
25) Isophorone	7.428	82	899449	38.673	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	46066	10.571	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	46066	8.606	ng	# 19
58) Fluorene	10.686	166	13472	Below Cal		# 90
60) Diethylphthalate	10.310	149	76515	3.395	ng	100
65) 4,6-Dinitro-2-methylph...	10.686	198	1028	6.382	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	21824	3.166	ng	# 1

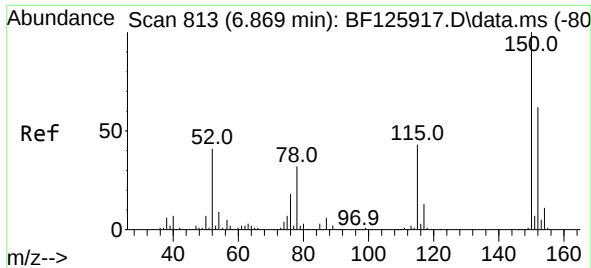
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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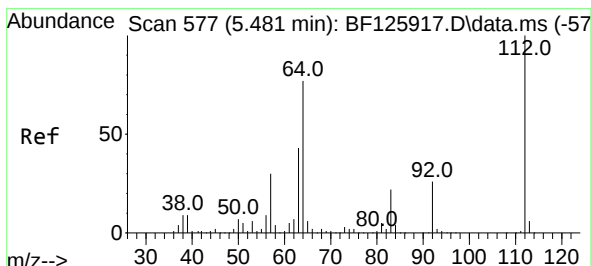
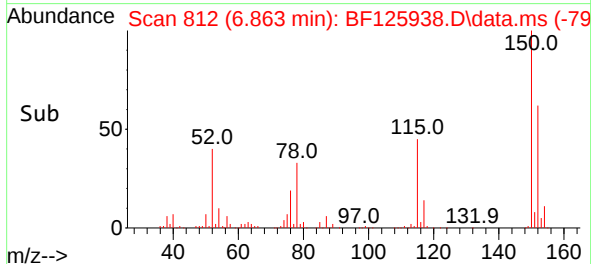
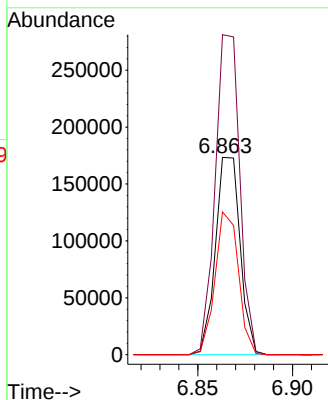
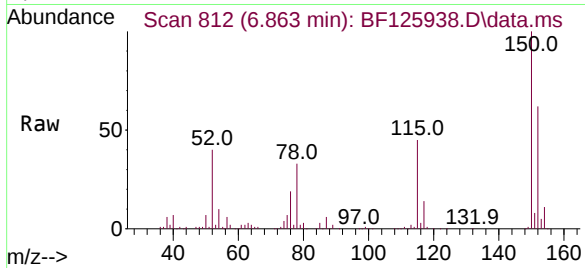




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

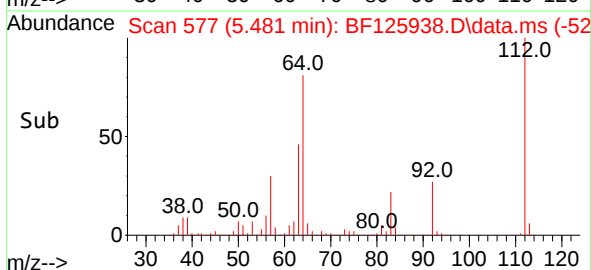
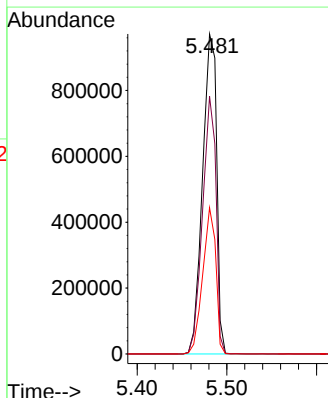
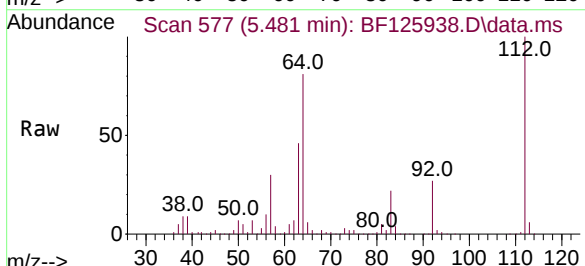
Instrument :
BNA_F
ClientSampled :
TH-ED

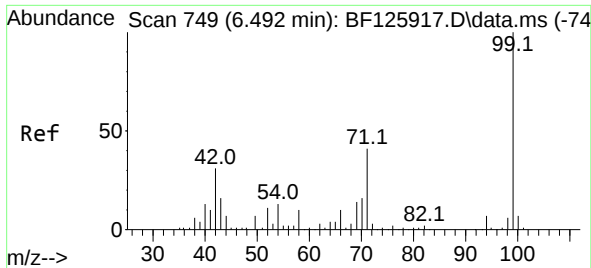
Tgt Ion:152 Resp: 157514
Ion Ratio Lower Upper
152 100
150 162.2 117.6 176.4
115 72.4 47.1 70.7#



#5
2-Fluorophenol
Concen: 100.481 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion:112 Resp: 1062565
Ion Ratio Lower Upper
112 100
64 80.5 44.2 66.2#
63 45.7 26.2 39.2#

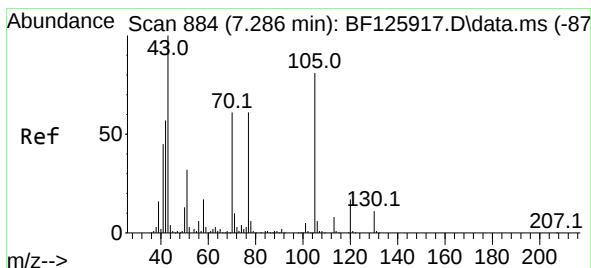
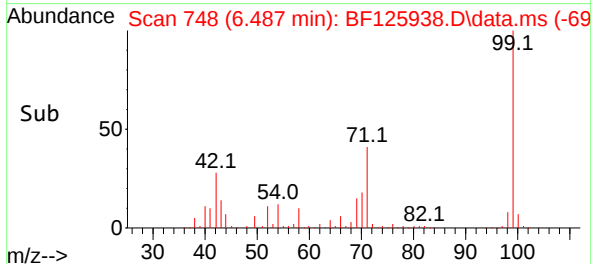
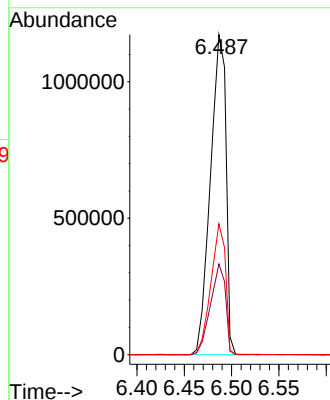
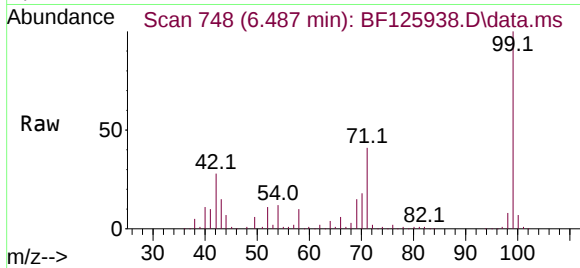




#7
Phenol-d6
Concen: 92.443 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

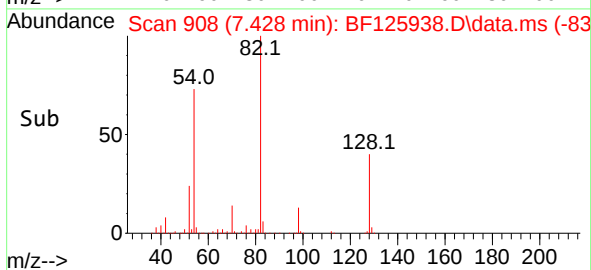
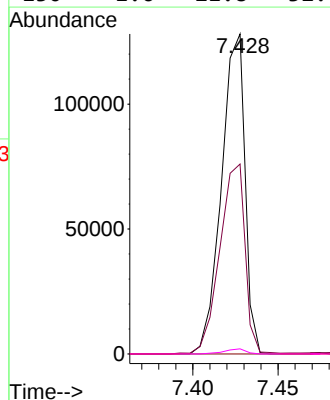
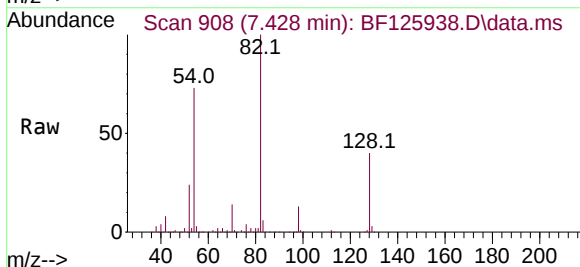
Instrument :
BNA_F
ClientSampled :
TH-ED

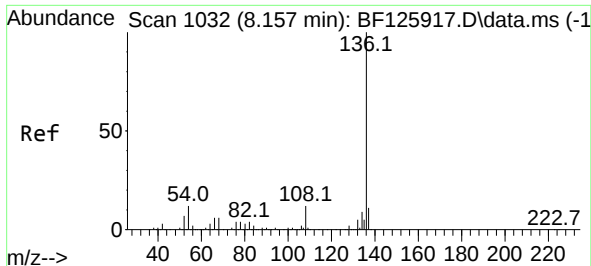
Tgt Ion: 99 Resp: 1340813
Ion Ratio Lower Upper
99 100
42 28.3 23.5 35.3
71 40.9 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.848 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion: 70 Resp: 123044
Ion Ratio Lower Upper
70 100
42 59.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

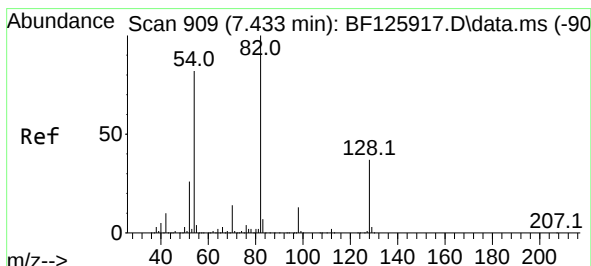
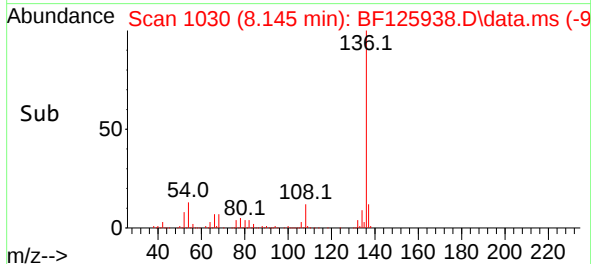
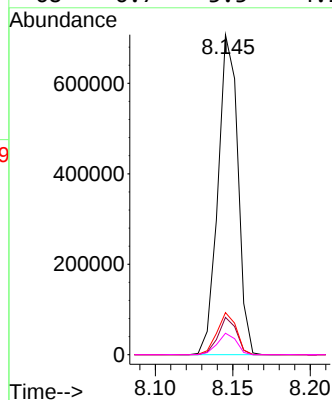
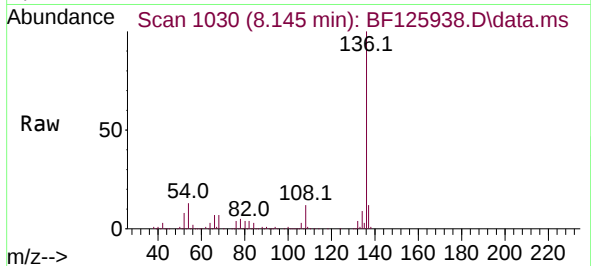




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

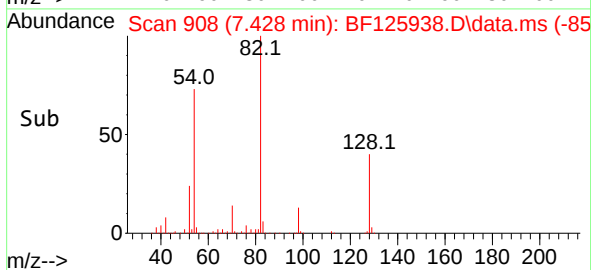
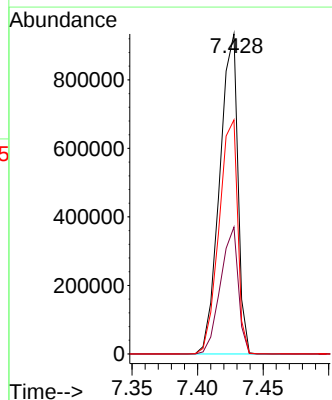
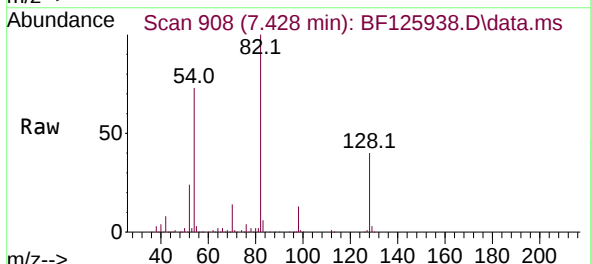
Instrument :
BNA_F
ClientSampled :
TH-ED

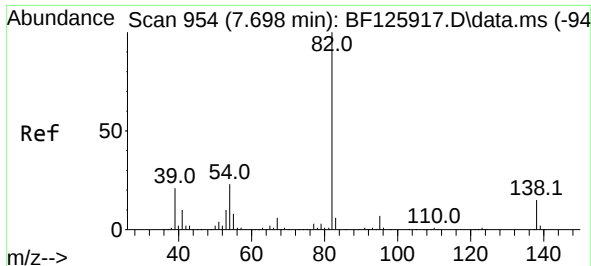
Tgt Ion:	136	Resp:	630832
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.8	14.6
54	13.1	6.4	9.6#
68	6.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 73.678 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion:	82	Resp:	899811
Ion Ratio	Lower	Upper	
82	100		
128	39.7	40.6	60.8#
54	73.2	49.6	74.4

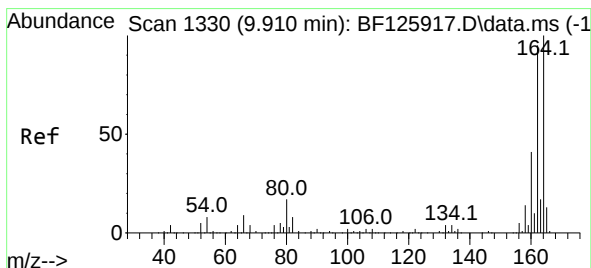
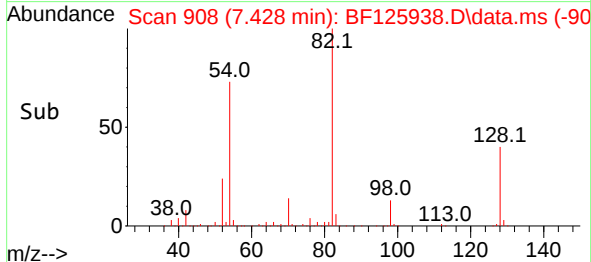
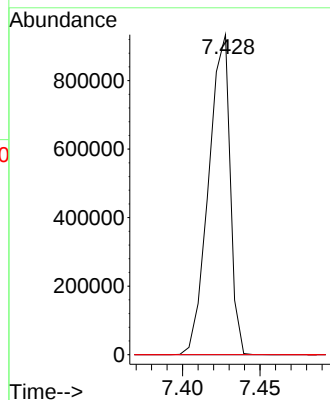
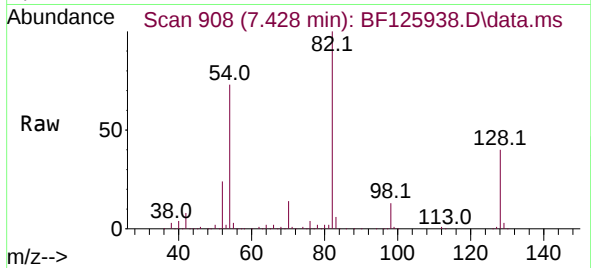




#25
Isophorone
Concen: 38.673 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

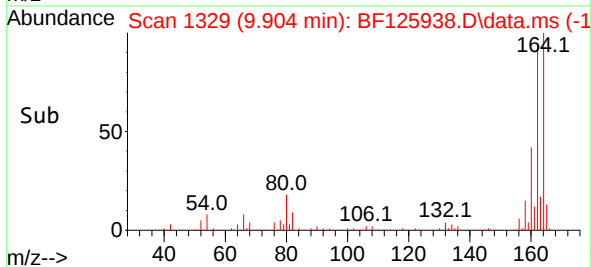
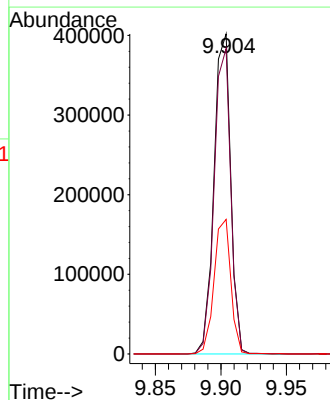
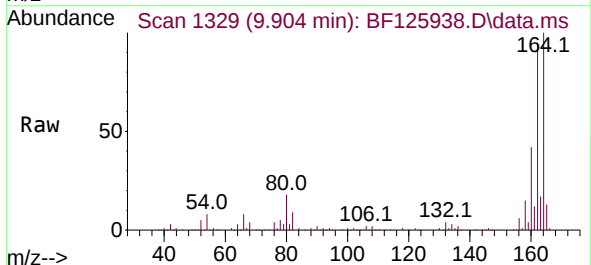
Instrument :
BNA_F
ClientSampleId :
TH-ED

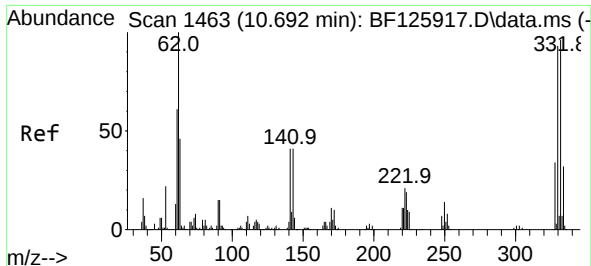
Tgt Ion: 82 Resp: 899449
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

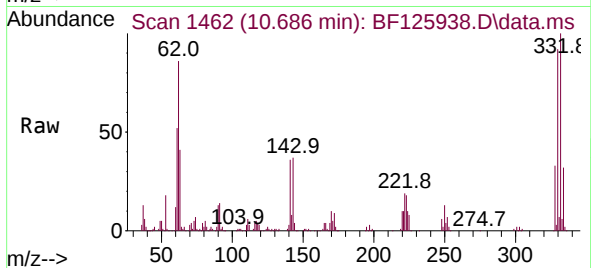
Tgt Ion: 164 Resp: 356664
Ion Ratio Lower Upper
164 100
162 95.4 81.3 121.9
160 42.1 38.0 57.0



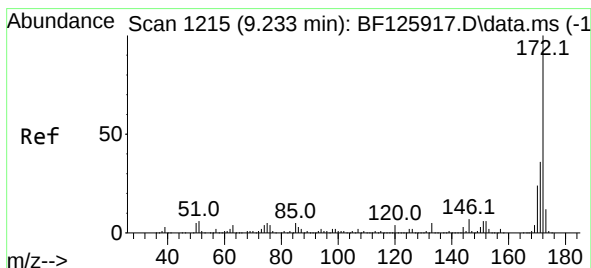
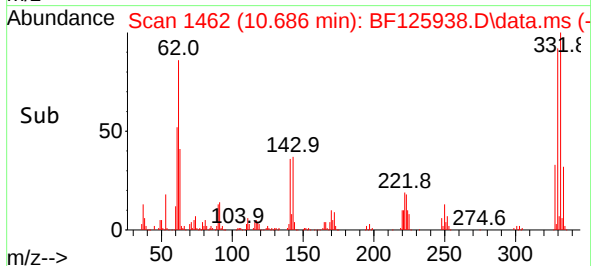
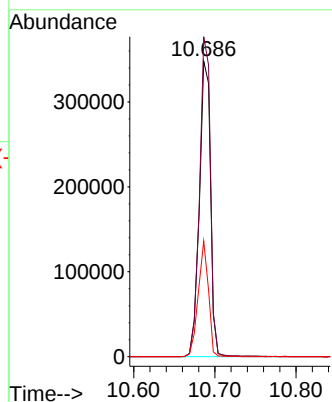


#42
2,4,6-Tribromophenol
Concen: 107.407 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Instrument :
BNA_F
ClientSampled :
TH-ED

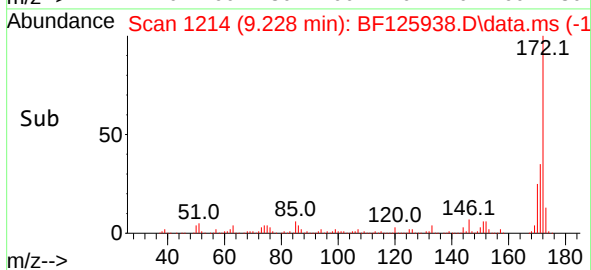
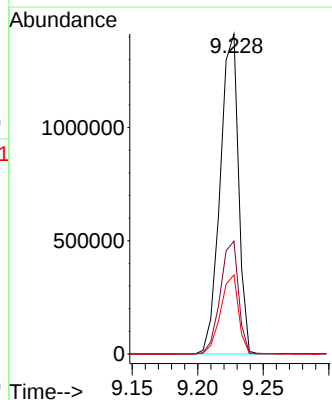
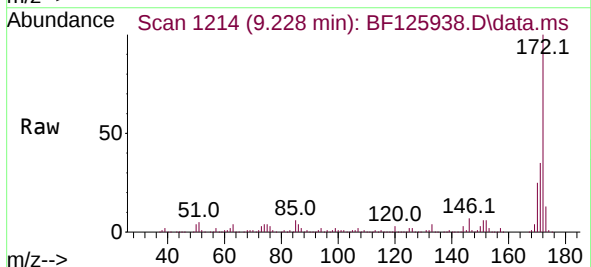


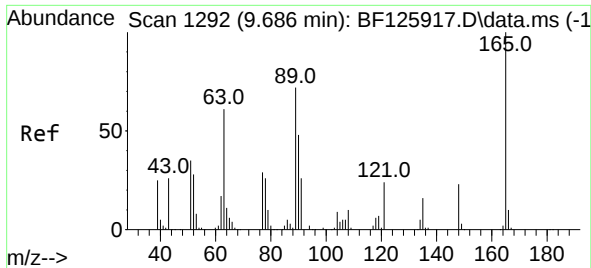
Tgt Ion: 330 Resp: 333949
Ion Ratio Lower Upper
330 100
332 105.6 76.2 114.4
141 35.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.985 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion: 172 Resp: 1371146
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.7 18.8 28.2

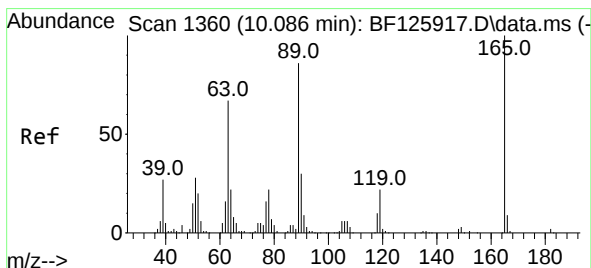
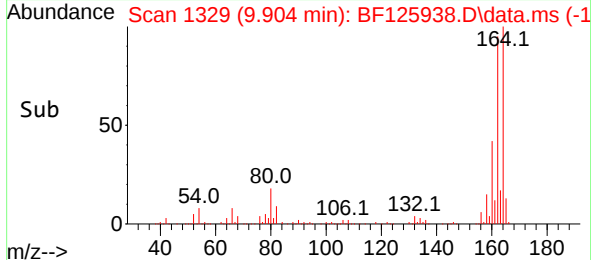
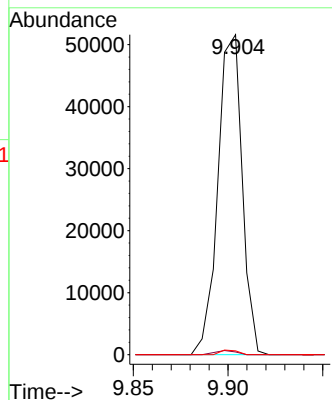
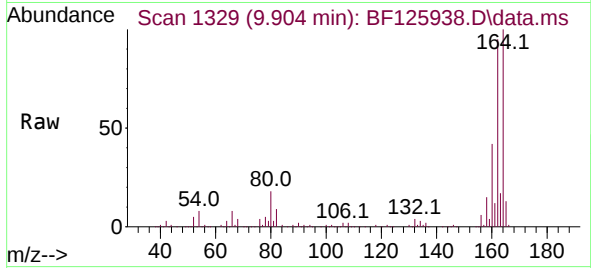




#51
2,6-Dinitrotoluene
Concen: 10.571 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

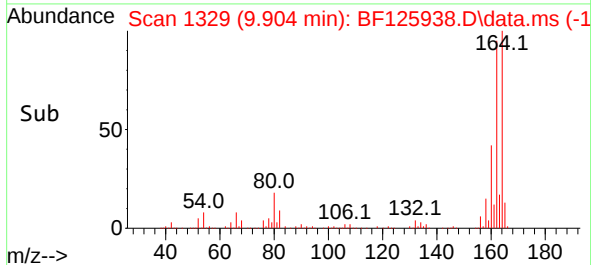
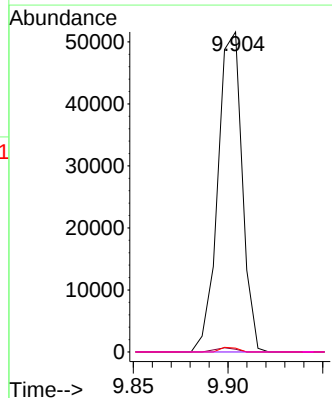
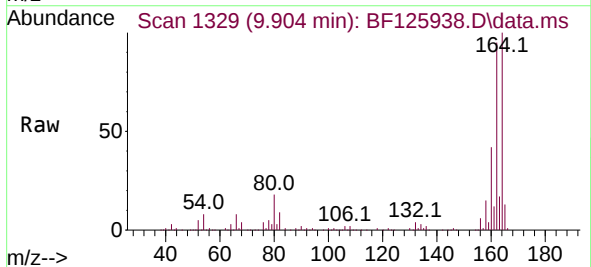
Instrument :
BNA_F
ClientSampled :
TH-ED

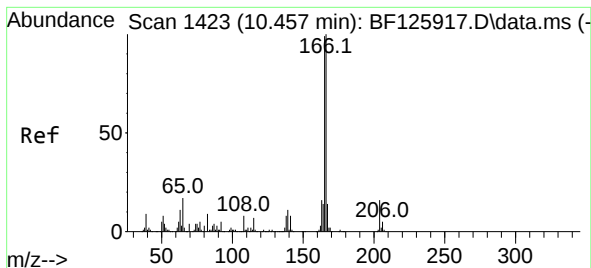
Tgt Ion:165 Resp: 46066
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.606 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.182 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion:165 Resp: 46066
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

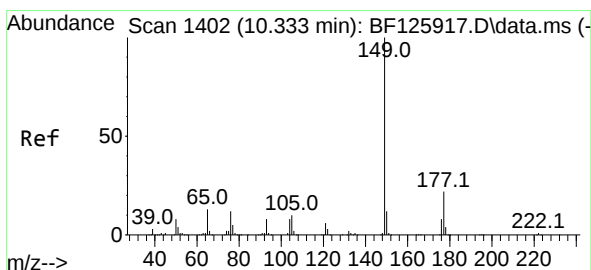
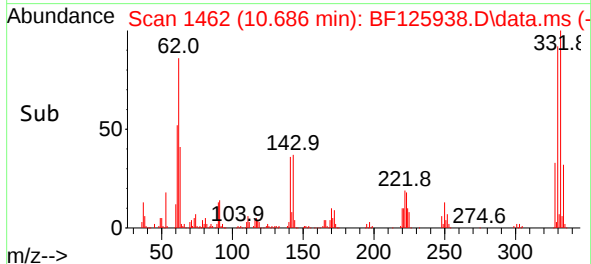
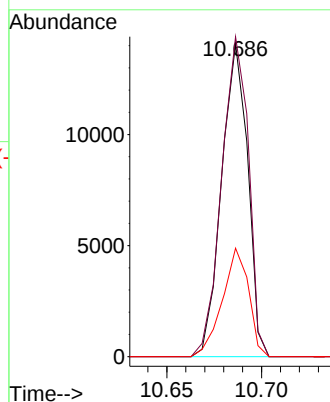
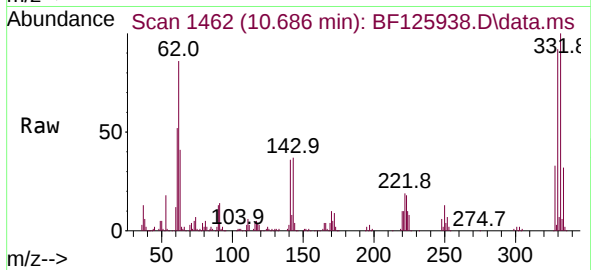




#58
Fluorene
Concen: Below Cal
RT: 10.686 min Scan# 1462
Delta R.T. 0.229 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

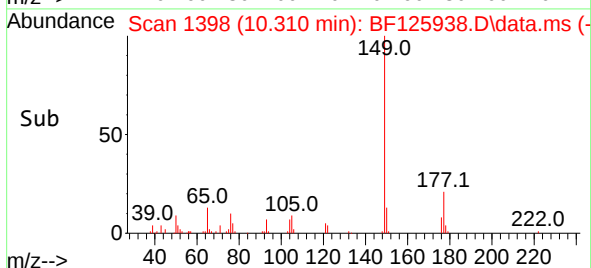
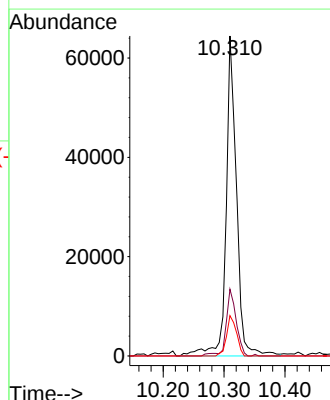
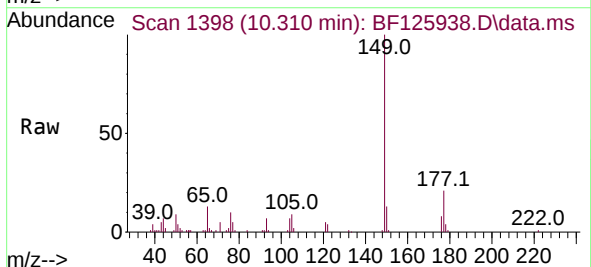
Instrument :
BNA_F
ClientSampled :
TH-ED

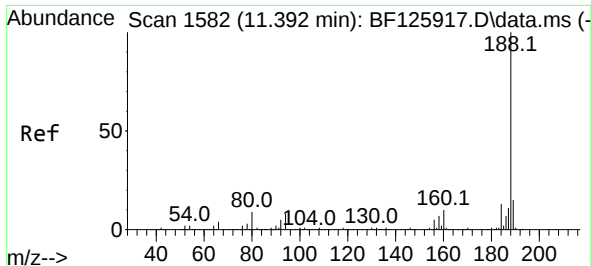
Tgt Ion:166 Resp: 13472
Ion Ratio Lower Upper
166 100
165 102.2 78.1 117.1
167 34.6 11.1 16.7#



#60
Diethylphthalate
Concen: 3.395 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.023 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion:149 Resp: 76515
Ion Ratio Lower Upper
149 100
177 20.8 16.5 24.7
150 12.6 10.1 15.1

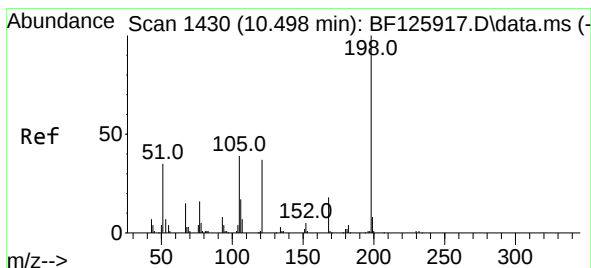
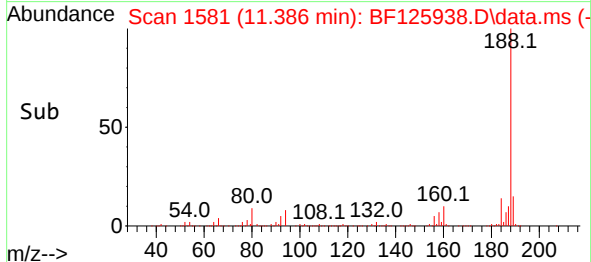
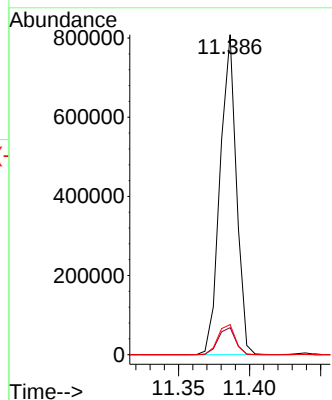
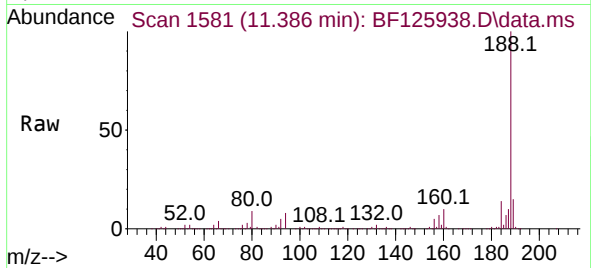




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

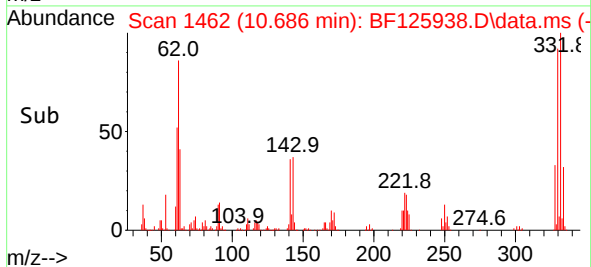
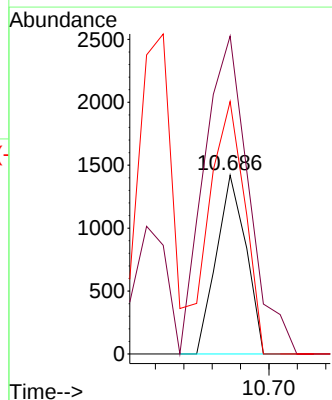
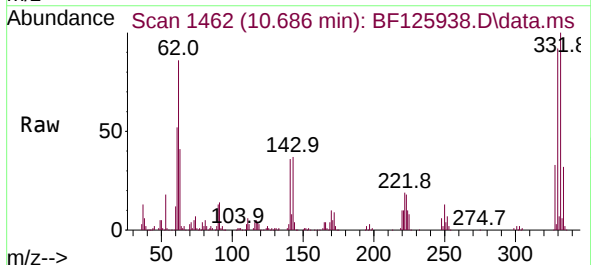
Instrument :
BNA_F
ClientSampled :
TH-ED

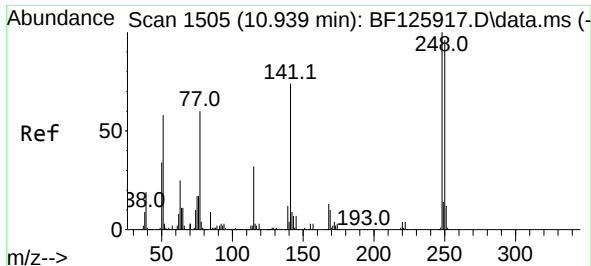
Tgt Ion:188 Resp: 645229
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.382 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion:198 Resp: 1028
Ion Ratio Lower Upper
198 100
51 178.0 45.3 85.3#
105 141.3 30.6 70.6#

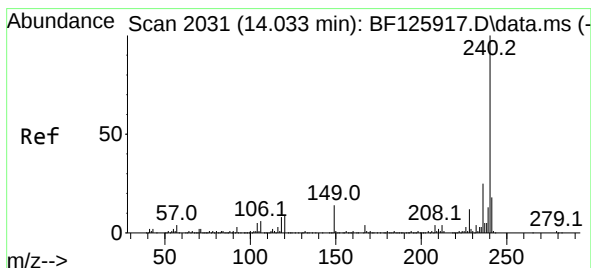
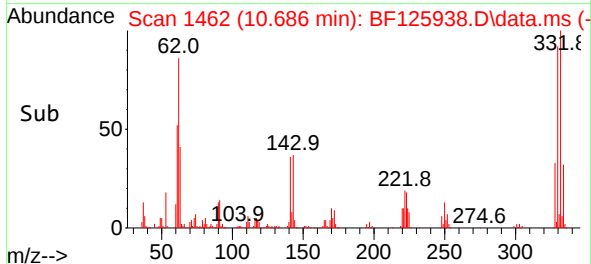
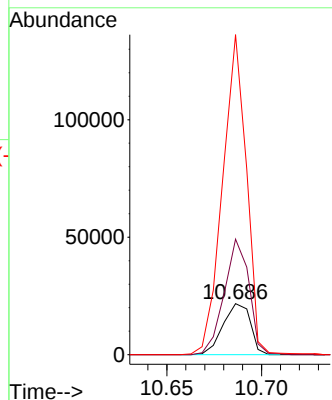
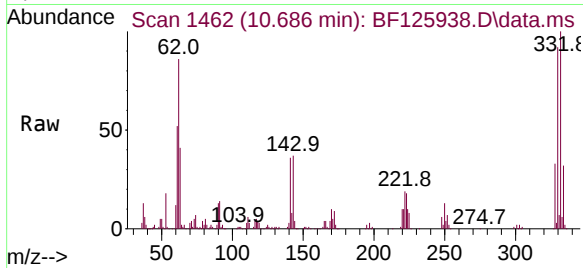




#67
4-Bromophenyl-phenylether
Concen: 3.166 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

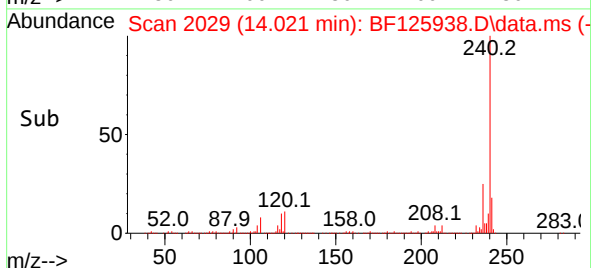
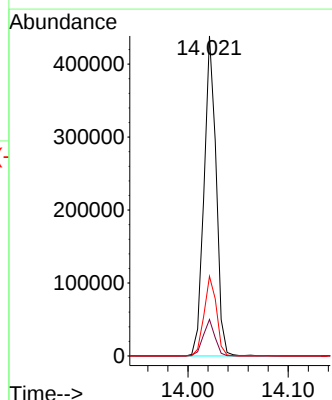
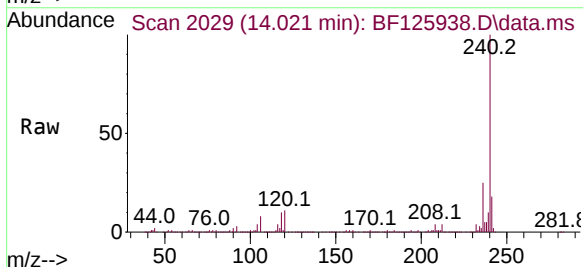
Instrument :
BNA_F
ClientSampled :
TH-ED

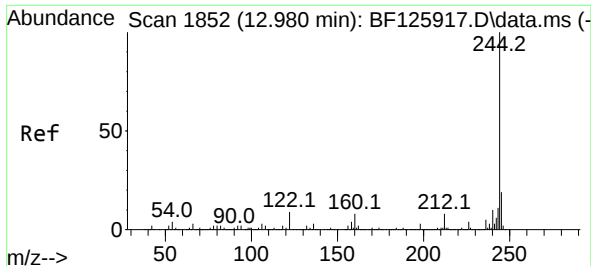
Tgt Ion:248 Resp: 21824
Ion Ratio Lower Upper
248 100
250 226.7 74.2 111.4#
141 627.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125938.D
Acq: 26 Oct 2021 17:22

Tgt Ion:240 Resp: 369074
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 24.9 21.6 32.4

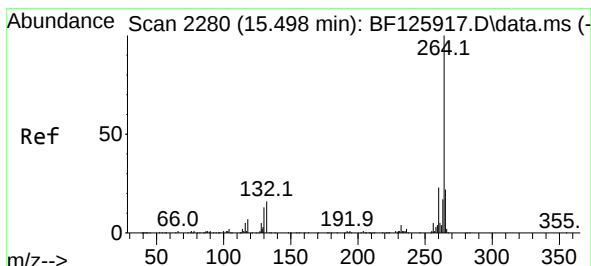
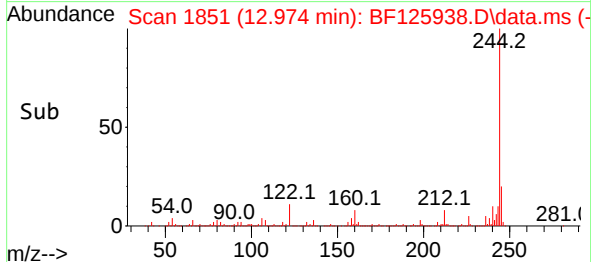
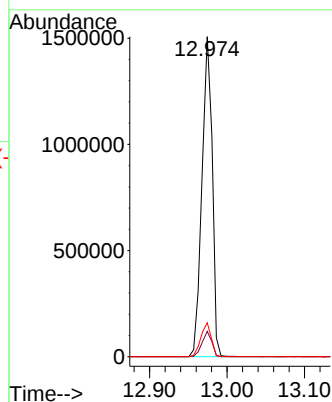
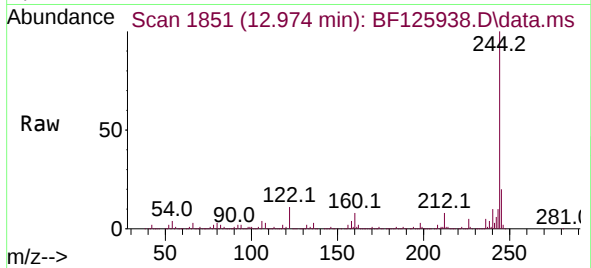




#79
 Terphenyl-d14
 Concen: 61.550 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF125938.D
 Acq: 26 Oct 2021 17:22

Instrument :
 BNA_F
 ClientSampleId :
 TH-ED

Tgt Ion:244 Resp: 1388773
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF125938.D
 Acq: 26 Oct 2021 17:22

Tgt Ion:264 Resp: 338345
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 22.5 17.2 25.8

