

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125708.D
 Acq On : 29 Sep 2021 13:20
 Operator : JU/CG
 Sample : M3965-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-23

Quant Time: Sep 29 14:00:24 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)

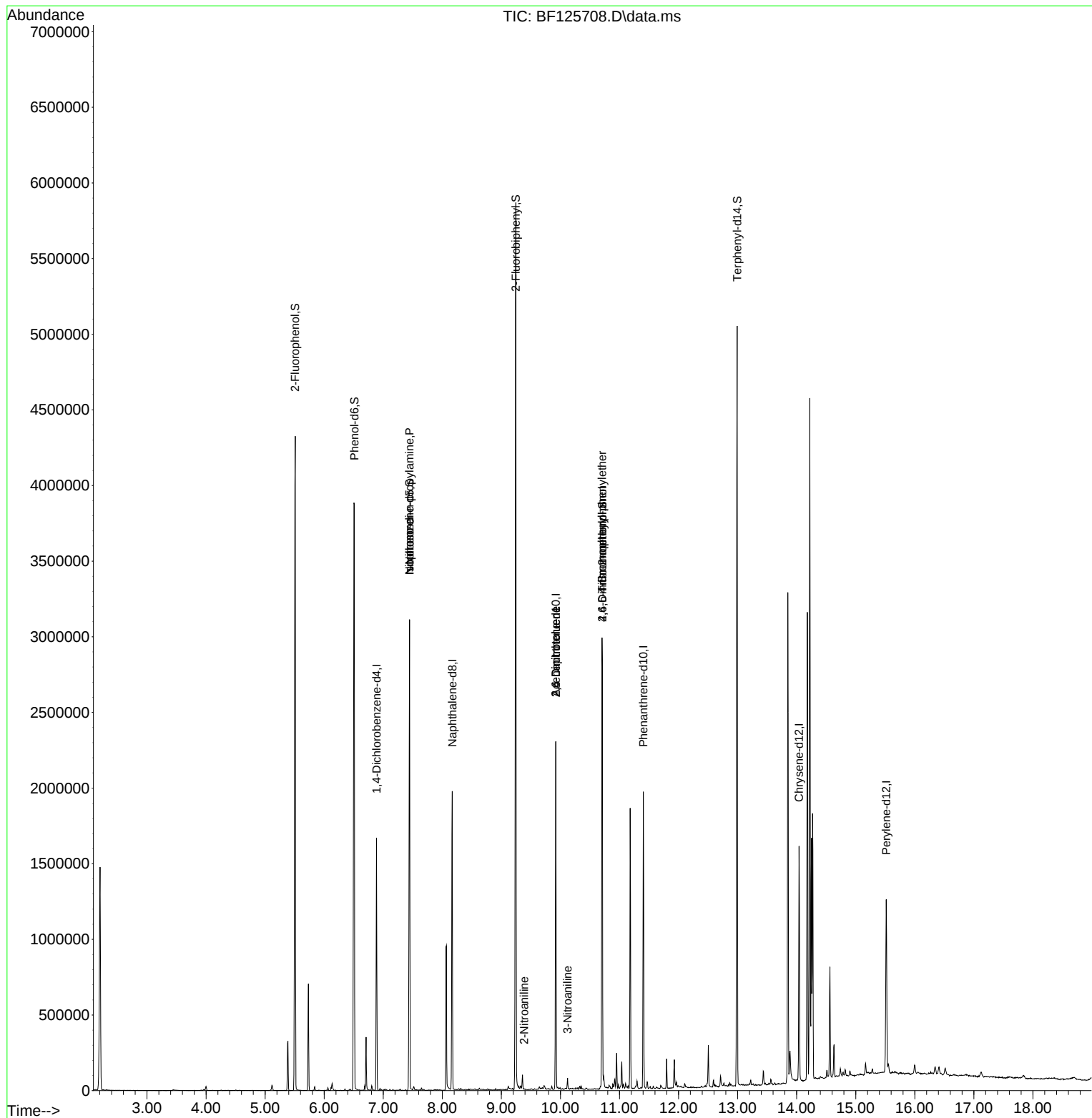
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	231154	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	915173	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	446387	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	674301	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	512033	20.000	ng	0.00
86) Perylene-d12	15.515	264	509550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1431566	102.036	ng	0.00
7) Phenol-d6	6.510	99	1727502	91.585	ng	0.00
23) Nitrobenzene-d5	7.445	82	1015703	77.412	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	418554	100.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1953738	77.456	ng	0.00
79) Terphenyl-d14	12.992	244	1691322	57.203	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	1551	Below Cal		97
19) n-Nitroso-di-n-propyla...	7.445	70	127451	11.868	ng	# 50
25) Isophorone	7.445	82	1013986	34.508	ng	# 59
48) 2-Nitroaniline	9.386	65	112	4.173	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	57157	12.646	ng	# 27
53) 3-Nitroaniline	10.121	138	122	3.159	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	57158	11.535	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	919	9.241	ng	# 5
67) 4-Bromophenyl-phenylether	10.704	248	23081	3.262	ng	# 1

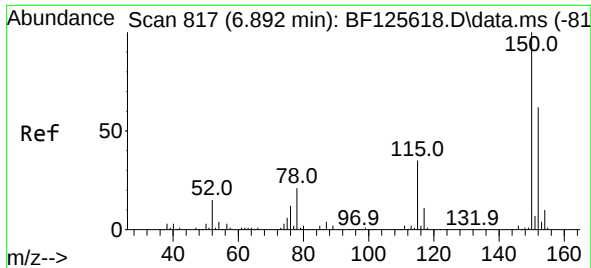
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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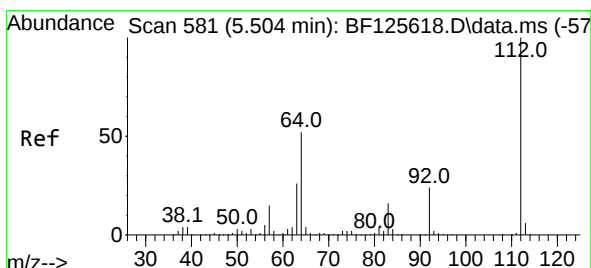
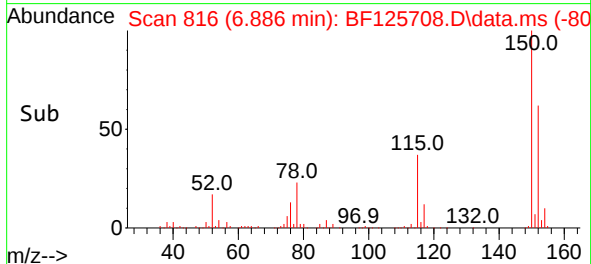
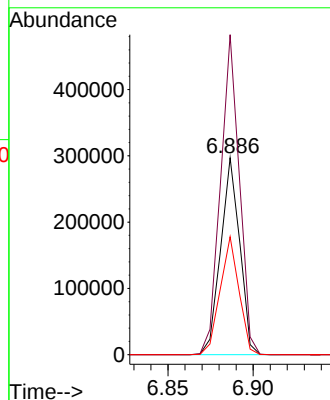
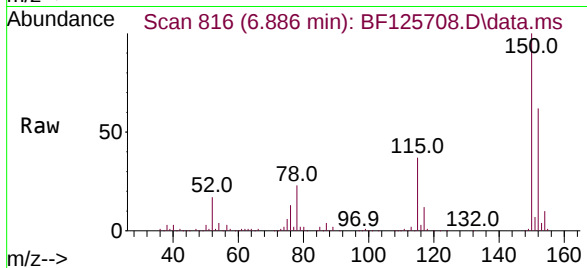




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

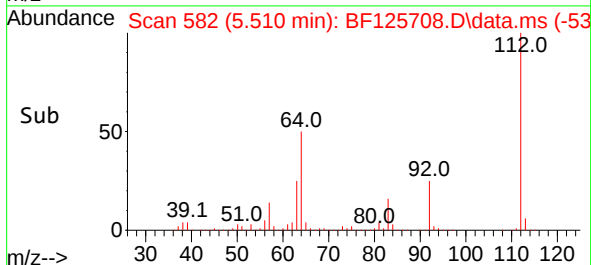
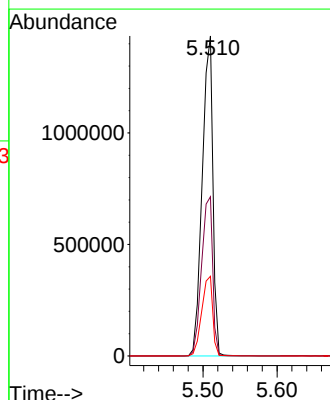
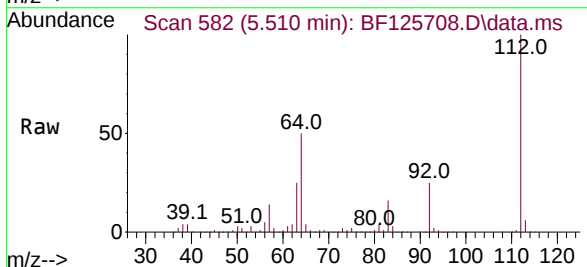
Instrument :
BNA_F
ClientSampled :
CC-23

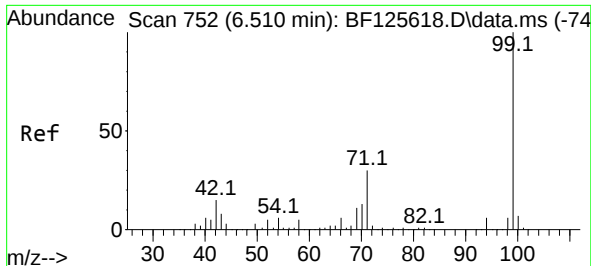
Tgt Ion:152 Resp: 231154
Ion Ratio Lower Upper
152 100
150 162.4 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 102.036 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion:112 Resp: 1431566
Ion Ratio Lower Upper
112 100
64 49.8 44.2 66.2
63 24.9 26.2 39.2#

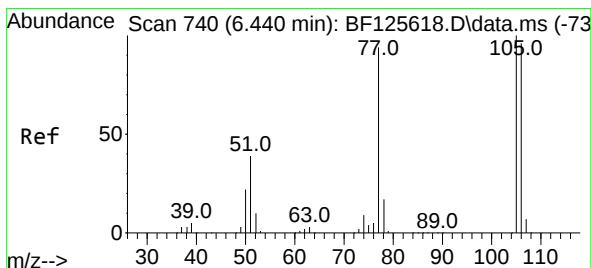
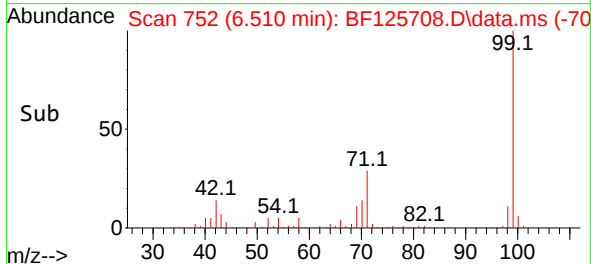
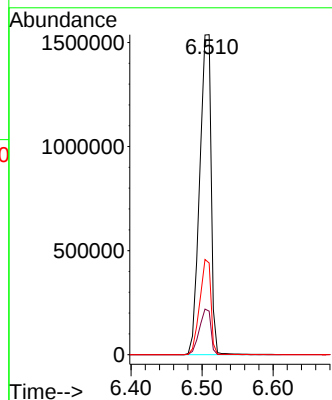
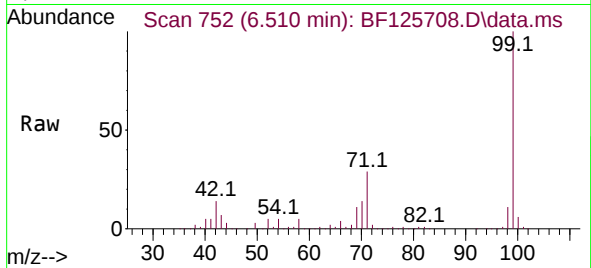




#7
Phenol-d6
Concen: 91.585 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

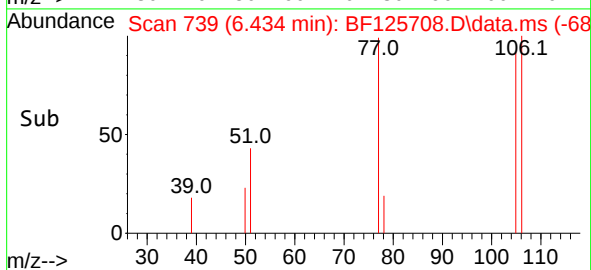
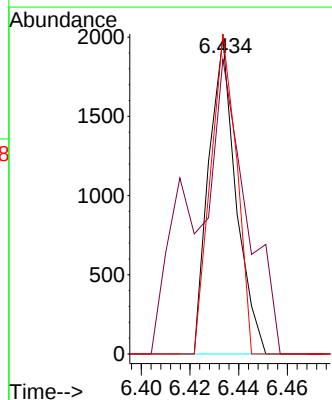
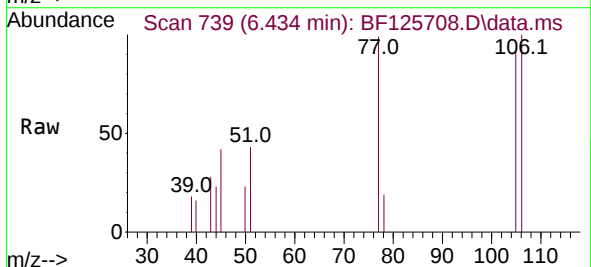
Instrument :
BNA_F
ClientSampled :
CC-23

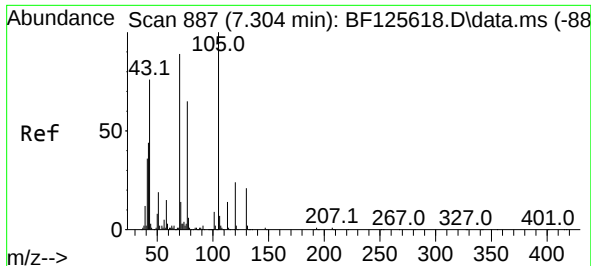
Tgt Ion: 99 Resp: 1727502
Ion Ratio Lower Upper
99 100
42 13.6 23.5 35.3#
71 28.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion: 77 Resp: 1551
Ion Ratio Lower Upper
77 100
105 93.2 75.9 115.9
106 101.2 84.0 124.0

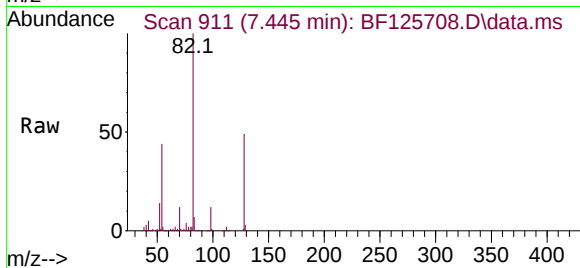




#19

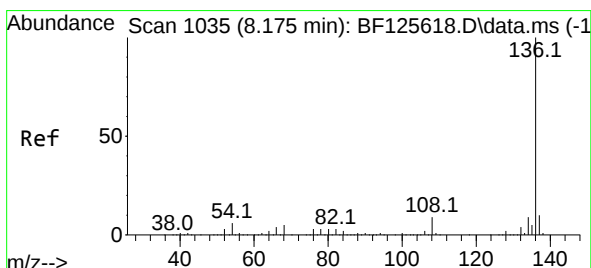
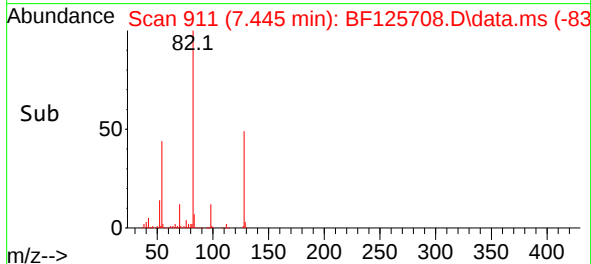
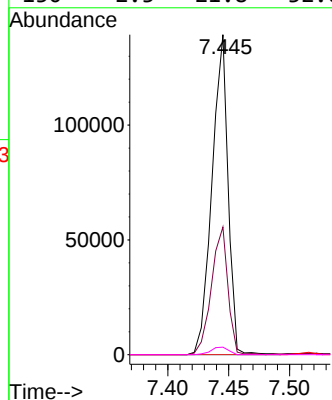
n-Nitroso-di-n-propylamine
 Concen: 11.868 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125708.D
 Acq: 29 Sep 2021 13:20

Instrument :
 BNA_F
 ClientSampled :
 CC-23



Tgt Ion: 70 Resp: 127451

Ion	Ratio	Lower	Upper
70	100		
42	39.9	72.2	108.2#
101	0.0	7.8	11.8#
130	2.3	21.8	32.6#

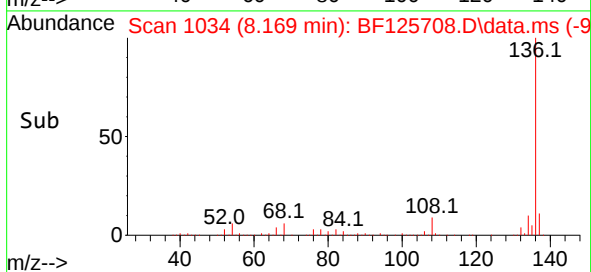
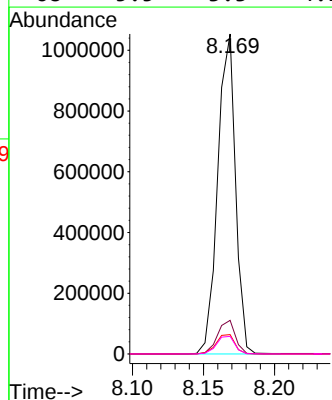
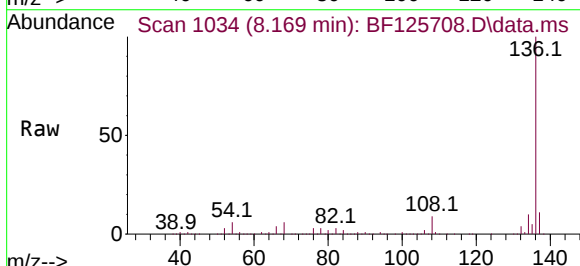


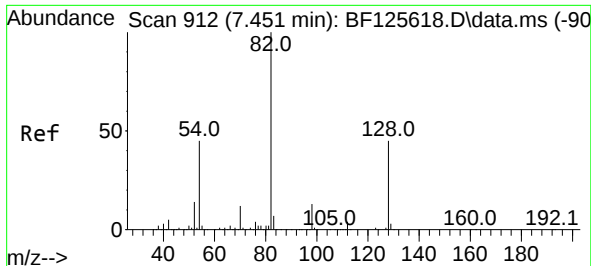
#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125708.D
 Acq: 29 Sep 2021 13:20

Tgt Ion: 136 Resp: 915173

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	6.0	6.4	9.6#
68	5.5	3.3	4.9#

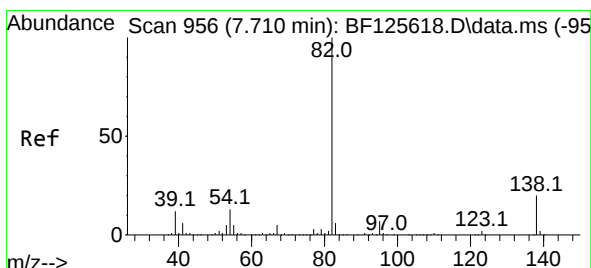
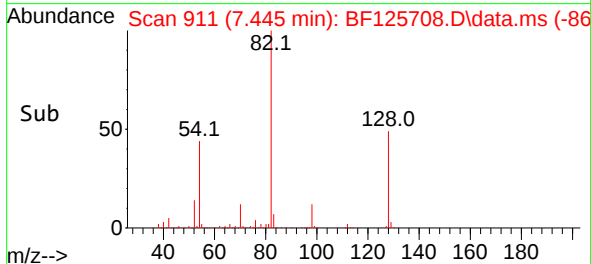
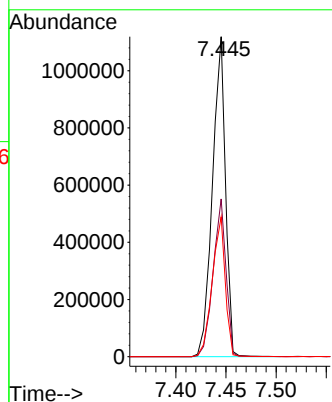
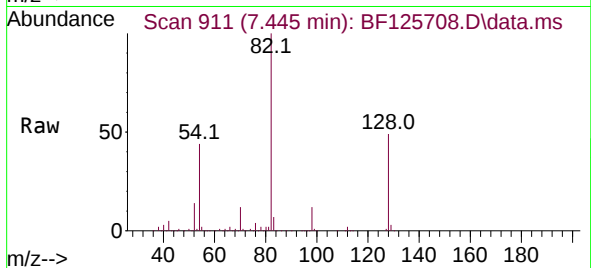




#23
Nitrobenzene-d5
Concen: 77.412 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

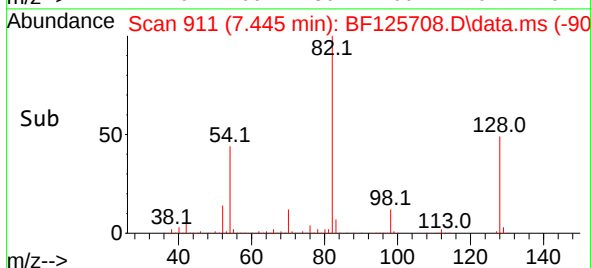
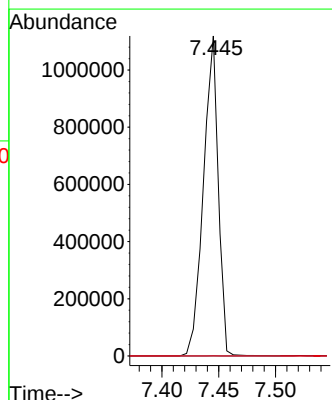
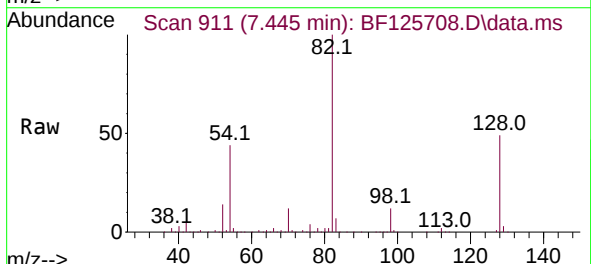
Instrument :
BNA_F
ClientSampleId :
CC-23

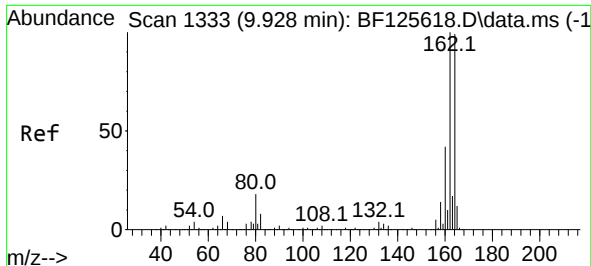
Tgt Ion: 82 Resp: 1015703
Ion Ratio Lower Upper
82 100
128 49.3 40.6 60.8
54 43.7 49.6 74.4#



#25
Isophorone
Concen: 34.508 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion: 82 Resp: 1013986
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

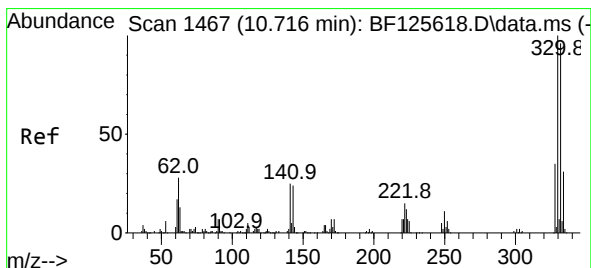
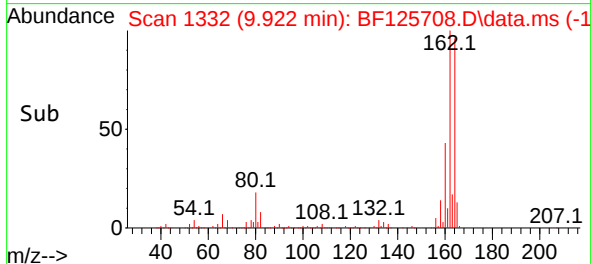
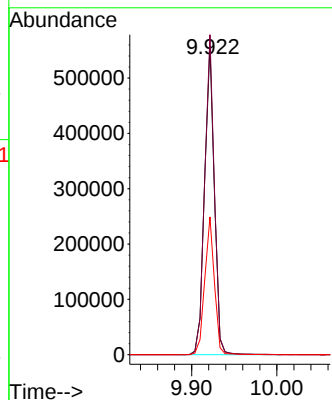
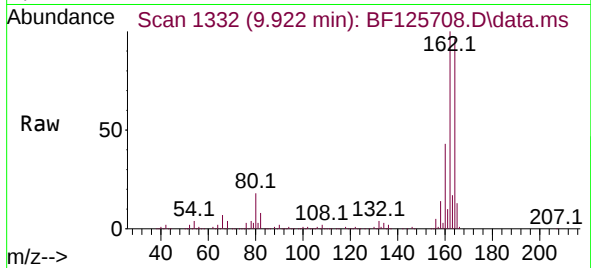




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

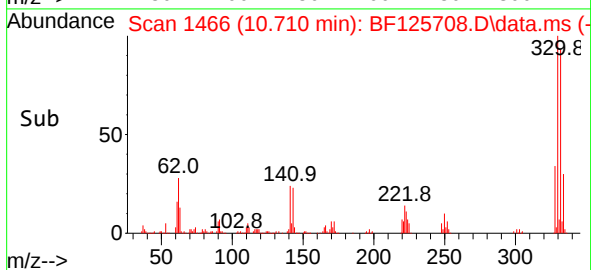
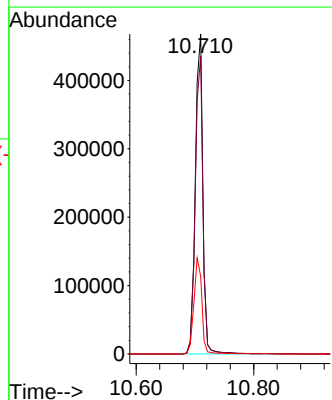
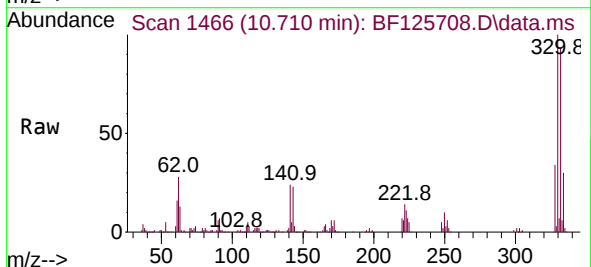
Instrument :
BNA_F
ClientSampleId :
CC-23

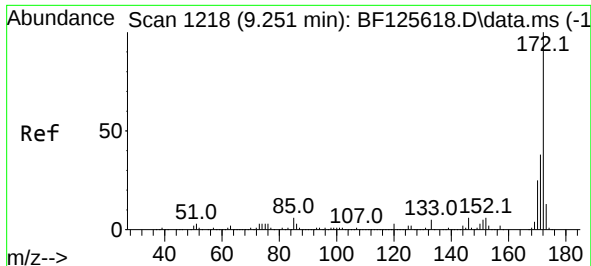
Tgt Ion:164 Resp: 446387
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 100.566 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion:330 Resp: 418554
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 31.7 44.6 66.8#

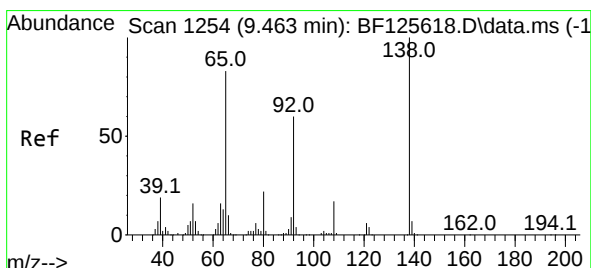
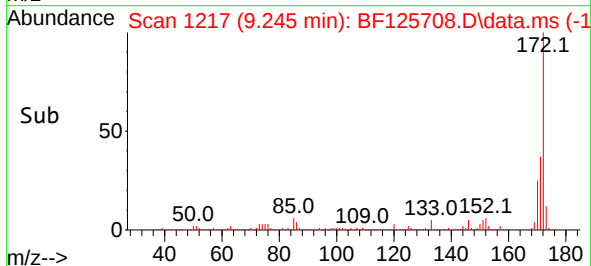
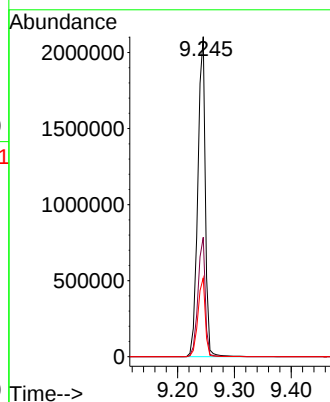
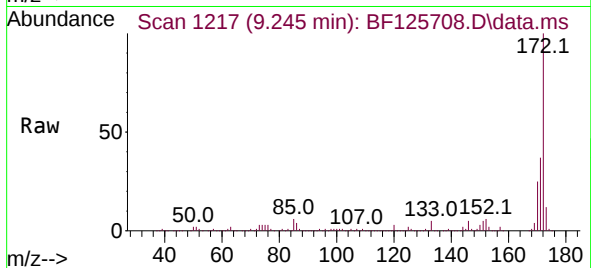




#45
2-Fluorobiphenyl
Concen: 77.456 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

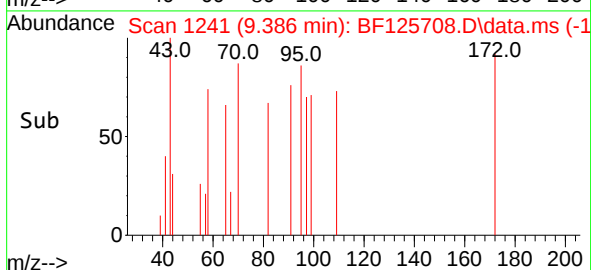
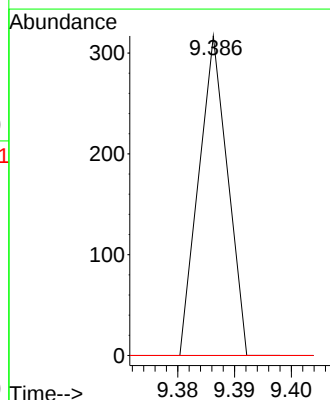
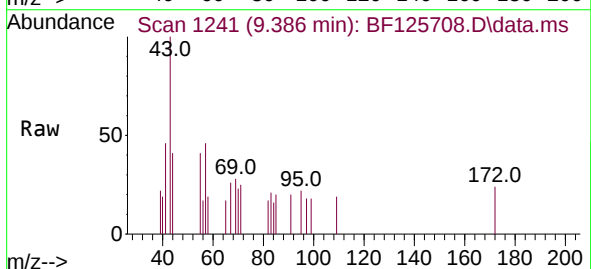
Instrument :
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CC-23

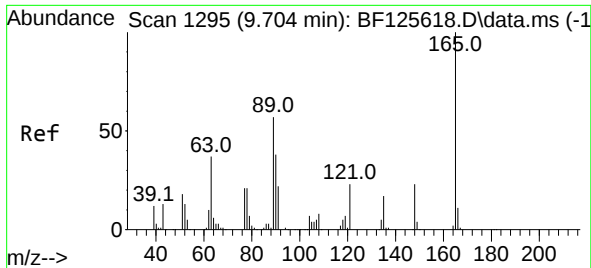
Tgt Ion:172 Resp: 1953738
Ion Ratio Lower Upper
172 100
171 37.3 26.5 39.7
170 24.6 18.8 28.2



#48
2-Nitroaniline
Concen: 4.173 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.077 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion: 65 Resp: 112
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

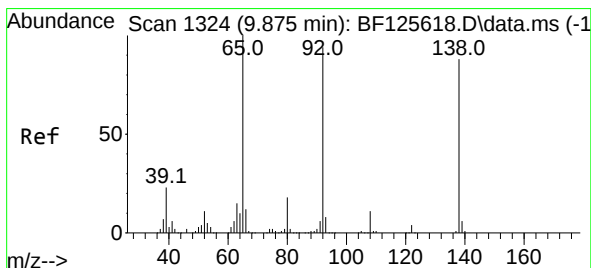
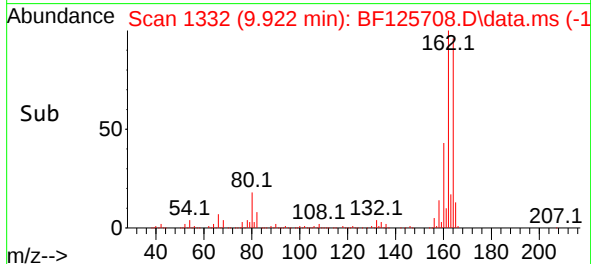
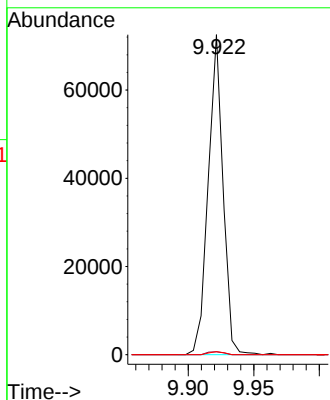
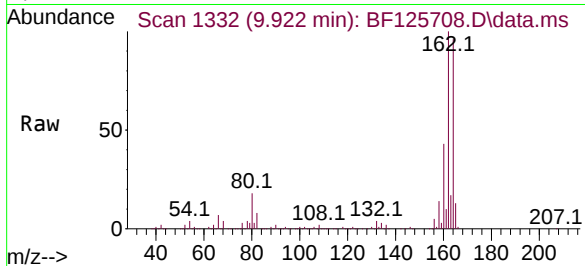




#51
2,6-Dinitrotoluene
Concen: 12.646 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

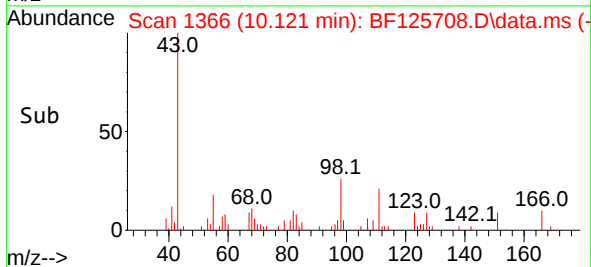
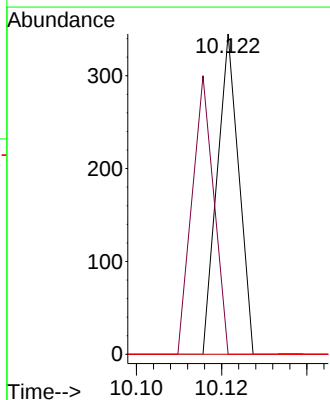
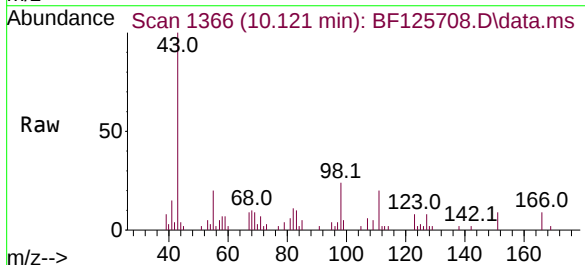
Instrument :
BNA_F
ClientSampled :
CC-23

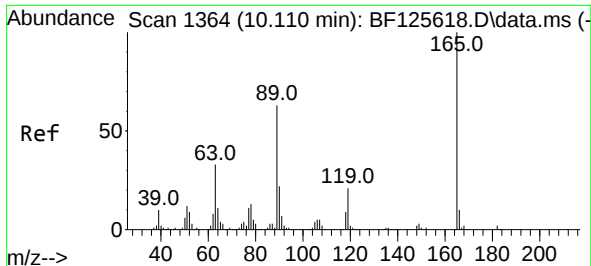
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.6	63.8#
89	0.9	40.6	60.8#



#53
3-Nitroaniline
Concen: 3.159 ng
RT: 10.121 min Scan# 1366
Delta R.T. 0.246 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.3	13.9#
92	0.0	76.5	114.7#

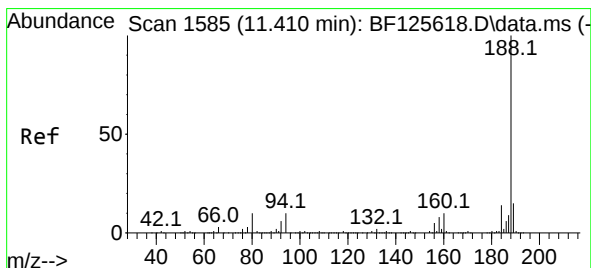
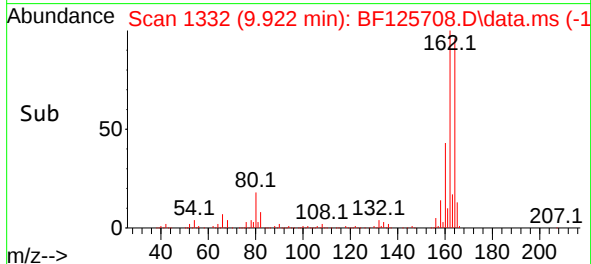
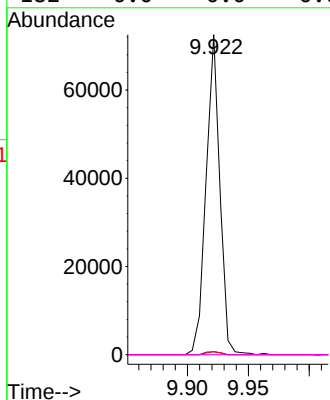
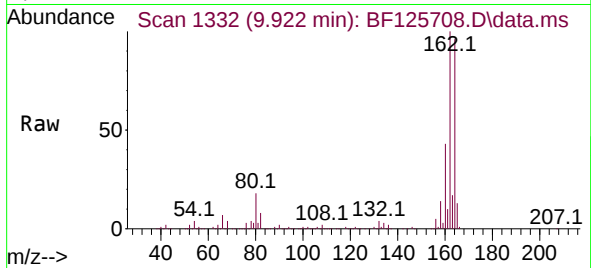




#57
2,4-Dinitrotoluene
Concen: 11.535 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

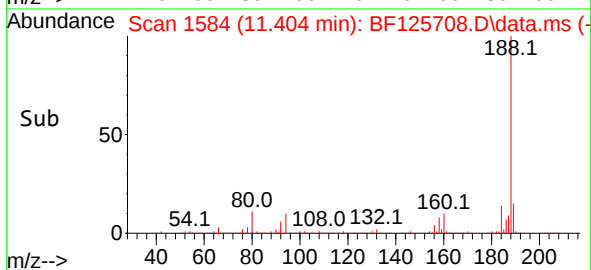
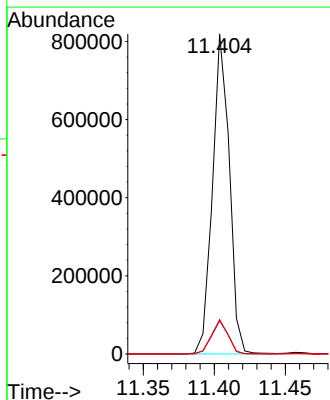
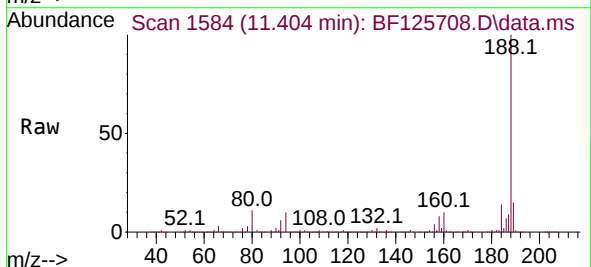
Instrument :
BNA_F
ClientSampled :
CC-23

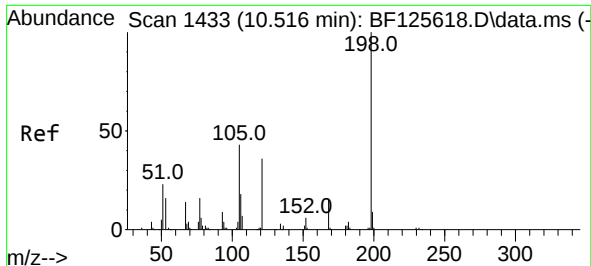
Tgt Ion:165	Resp:	57158
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9
89	0.9	59.7
182	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion:188	Resp:	674301
Ion Ratio	Lower	Upper
188	100	
94	10.4	6.7
80	10.8	7.5

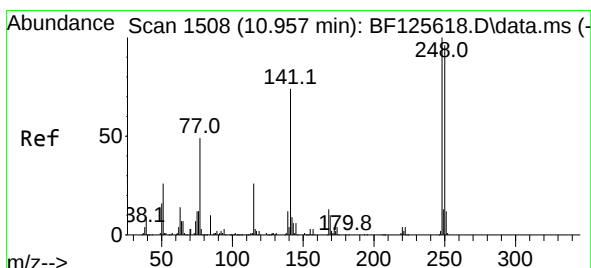
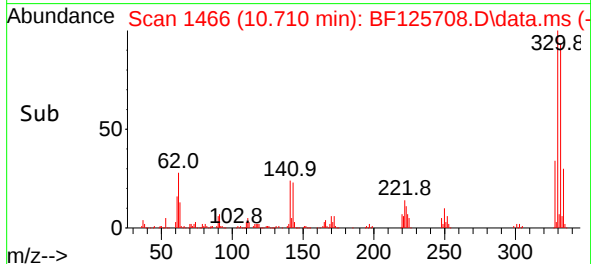
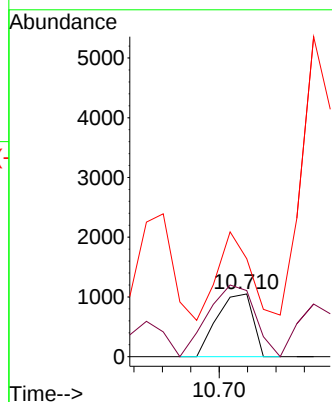
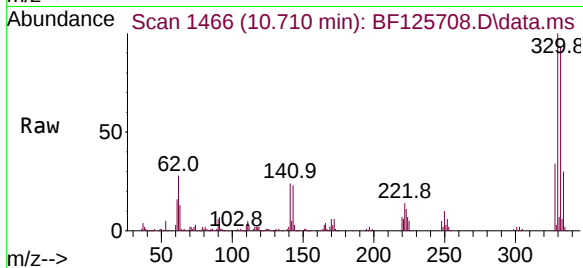




#65
4,6-Dinitro-2-methylphenol
Concen: 9.241 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

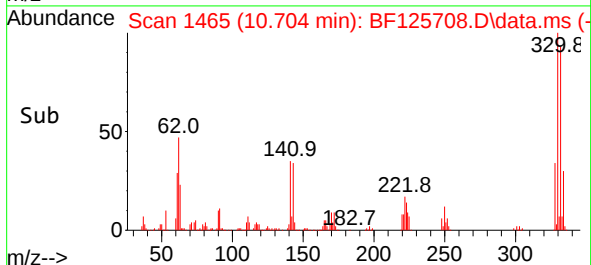
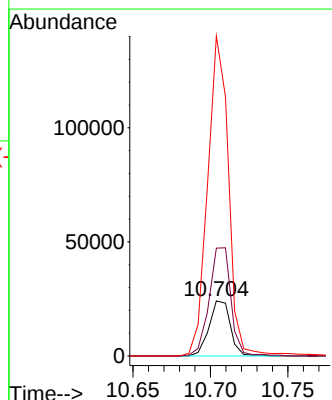
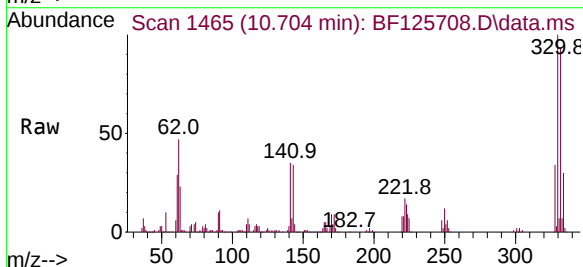
Instrument :
BNA_F
ClientSampled :
CC-23

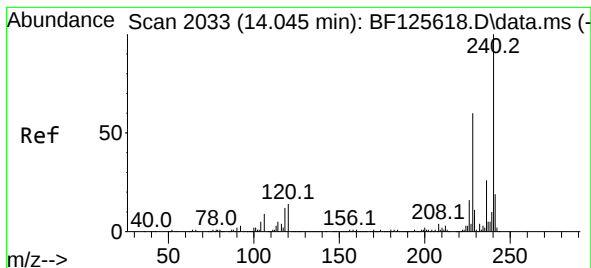
Tgt Ion:198 Resp: 919
Ion Ratio Lower Upper
198 100
51 105.3 45.3 85.3#
105 156.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.262 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

Tgt Ion:248 Resp: 23081
Ion Ratio Lower Upper
248 100
250 196.1 74.2 111.4#
141 581.8 60.4 90.6#

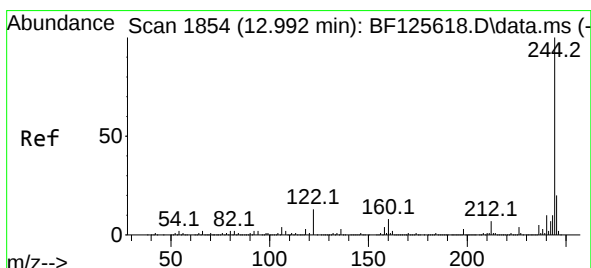
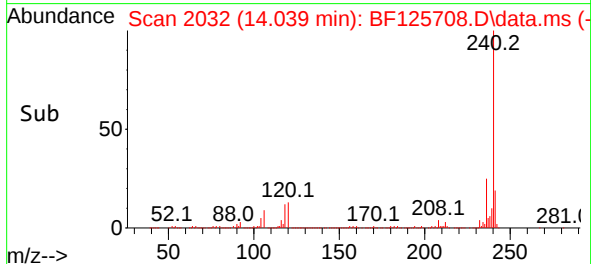
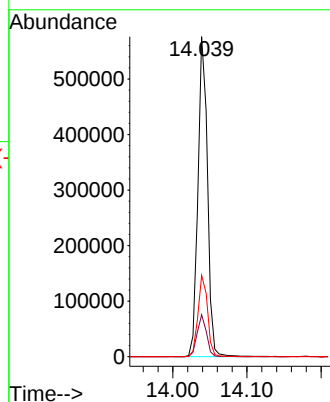
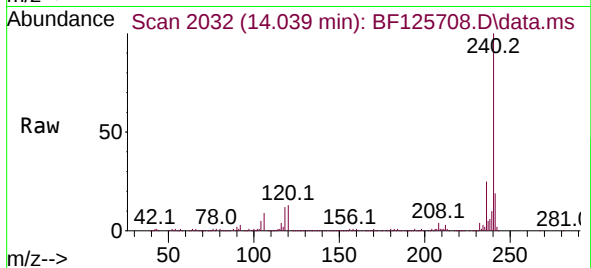




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

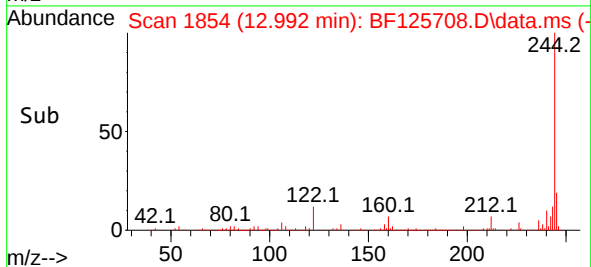
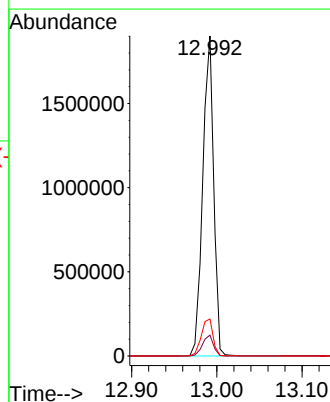
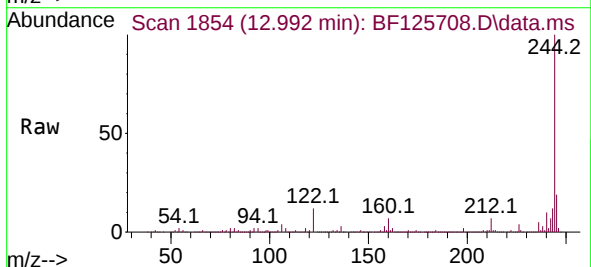
Instrument :
BNA_F
ClientSampleId :
CC-23

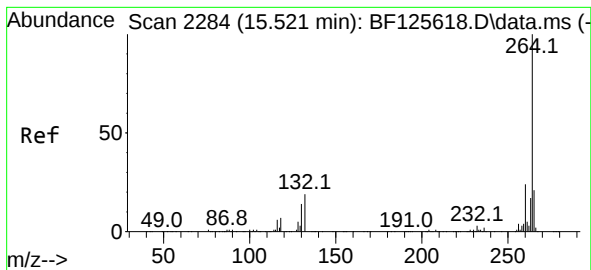
Tgt Ion:240 Resp: 512033
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 57.203 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125708.D
Acq: 29 Sep 2021 13:20

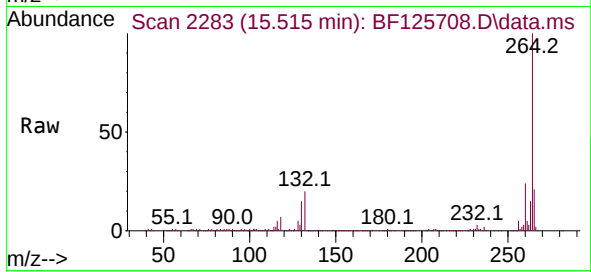
Tgt Ion:244 Resp: 1691322
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.5 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125708.D
 Acq: 29 Sep 2021 13:20

Instrument :
 BNA_F
 ClientSampleId :
 CC-23



Tgt Ion:264	Resp:	509550
Ion	Ratio	Lower Upper
264	100	
260	23.8	19.6 29.4
265	20.8	17.2 25.8

