

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100421\
 Data File : BF125764.D
 Acq On : 4 Oct 2021 13:49
 Operator : JU/CG
 Sample : PB139587BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 14:29:33 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)

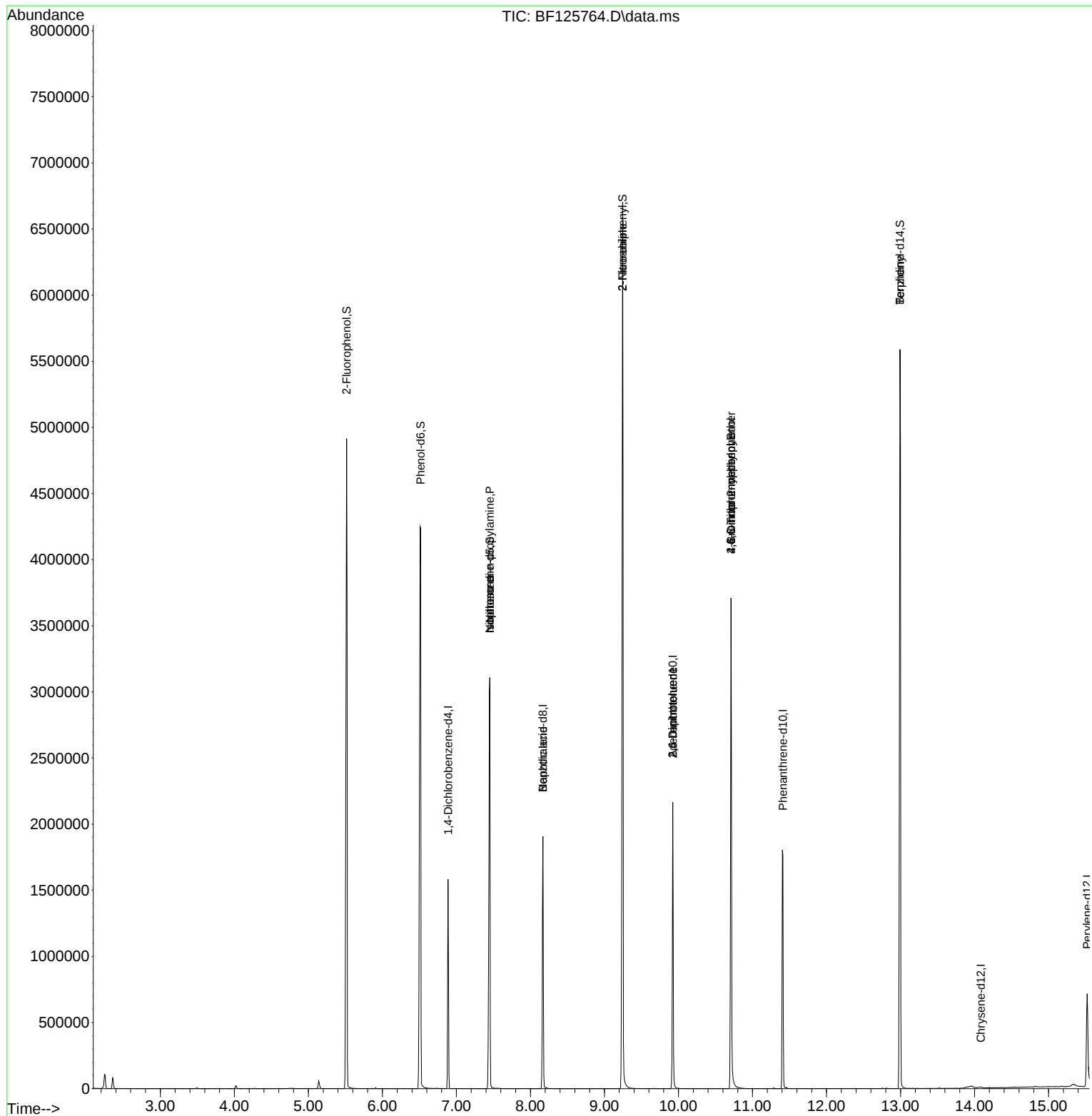
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	225042	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	897647	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	445431	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	724622	20.000	ng	0.00
76) Chrysene-d12	14.086	240	10293	20.000	ng	0.04
86) Perylene-d12	15.521	264	291509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1730734	126.710	ng	0.01
7) Phenol-d6	6.516	99	2073574	112.918	ng	0.00
23) Nitrobenzene-d5	7.451	82	1257535	97.715	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	522497	125.810	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2305221	94.483	ng	0.00
79) Terphenyl-d14	12.992	244	2172167	3654.594	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	2896	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	158560	15.165	ng	# 49
25) Isophorone	7.451	82	1255080	43.546	ng	# 59
32) Benzoic acid	8.169	122	126	8.639	ng	# 1
48) 2-Nitroaniline	9.245	65	3229	4.617	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	56877	12.623	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	56866	11.515	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	923	9.226	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30188	3.970	ng	# 1
77) Benzidine	12.992	184	27290	100.925	ng	96

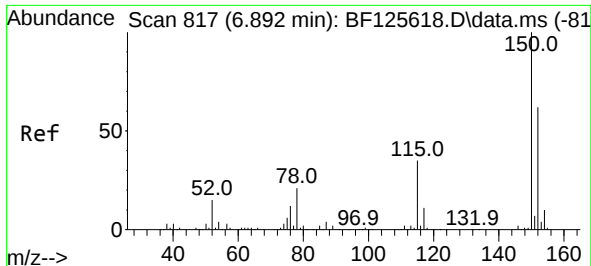
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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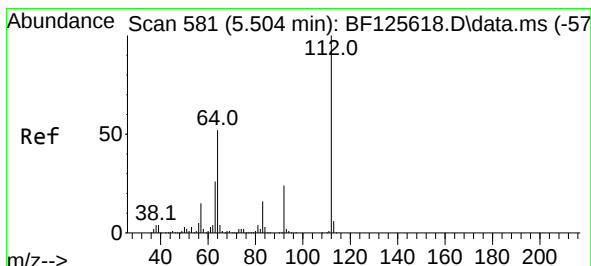
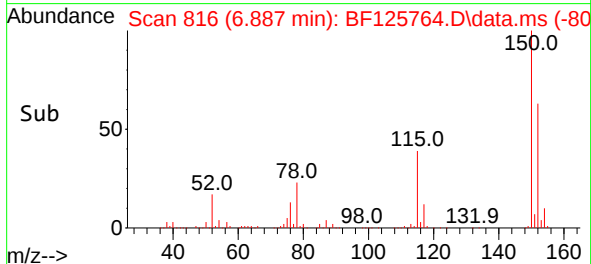
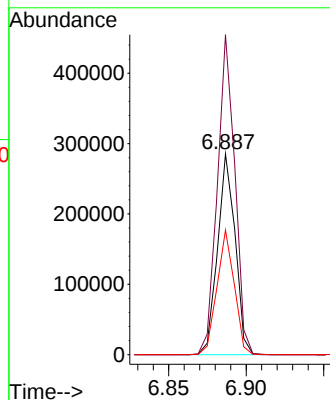
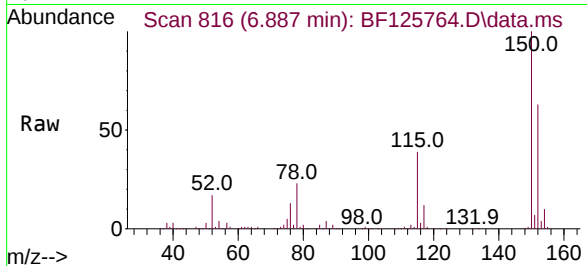




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

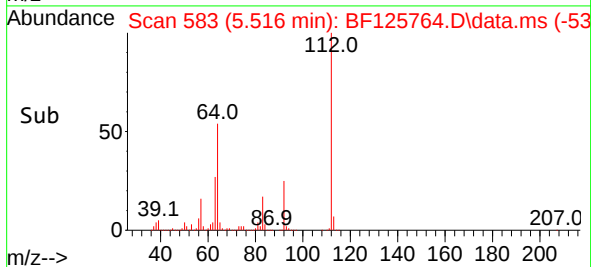
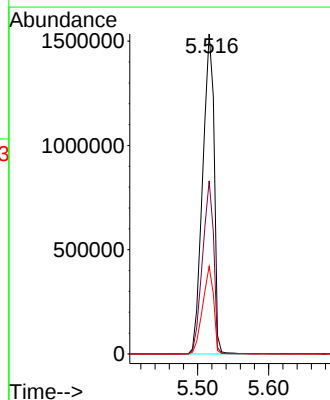
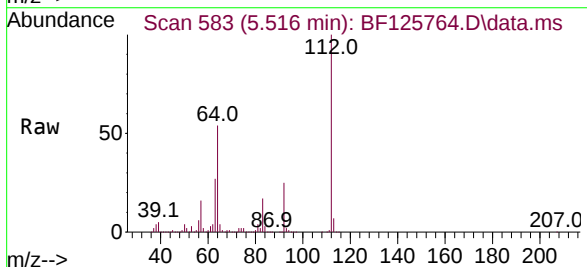
Instrument :
BNA_F
ClientSampleId :

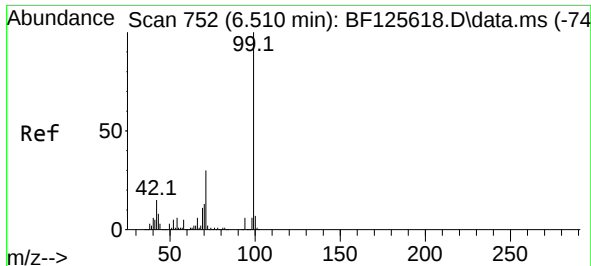
Tgt Ion:152 Resp: 225042
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 62.1 47.1 70.7



#5
2-Fluorophenol
Concen: 126.710 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:112 Resp: 1730734
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 27.4 26.2 39.2

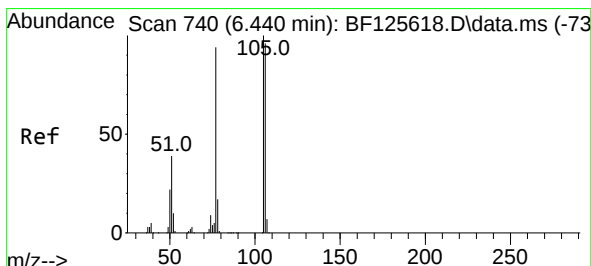
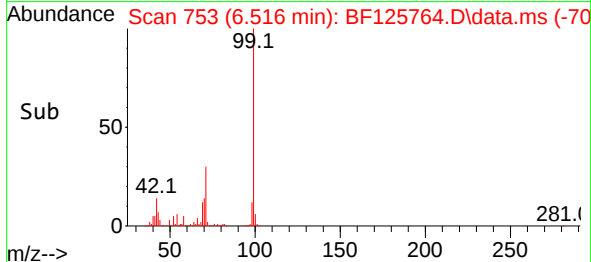
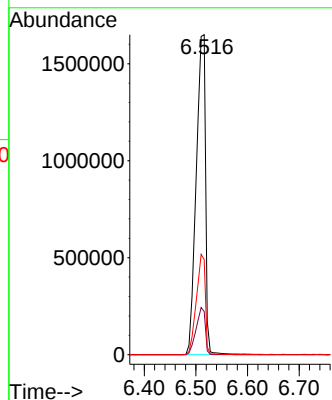
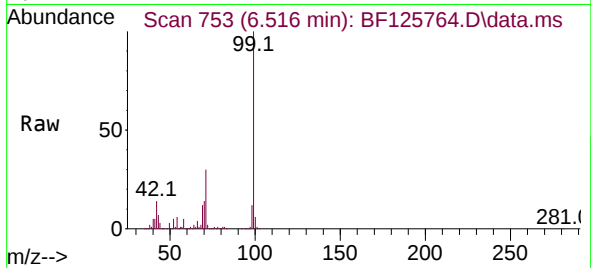




#7
Phenol-d6
Concen: 112.918 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

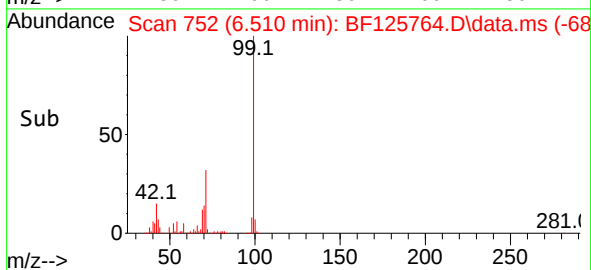
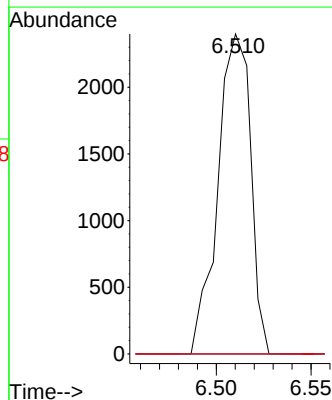
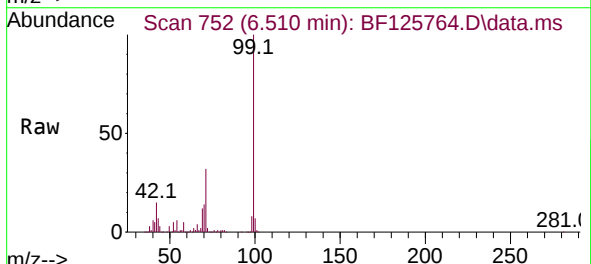
Instrument :
BNA_F
ClientSampleId :

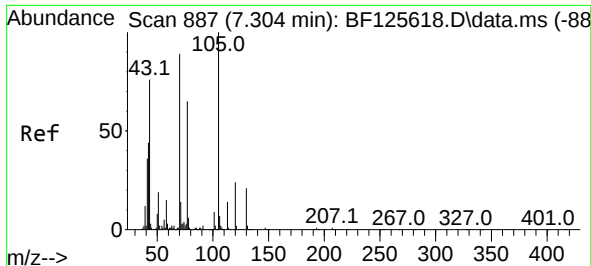
Tgt Ion: 99 Resp: 2073574
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 29.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

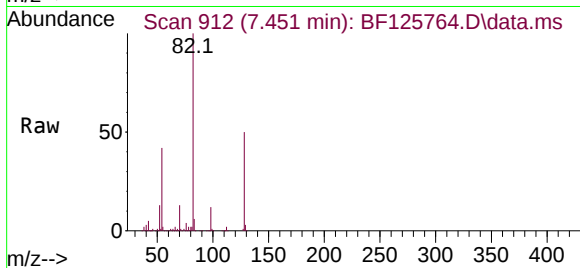
Tgt Ion: 77 Resp: 2896
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



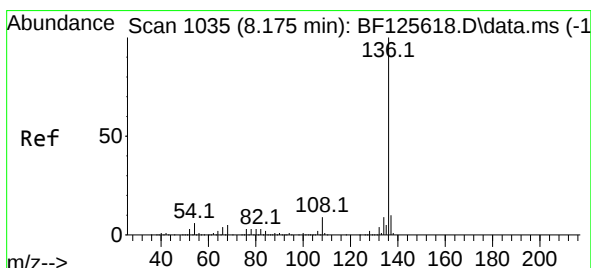
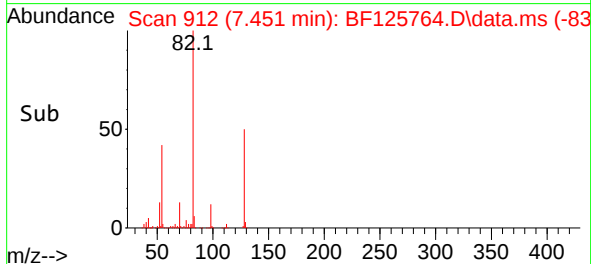
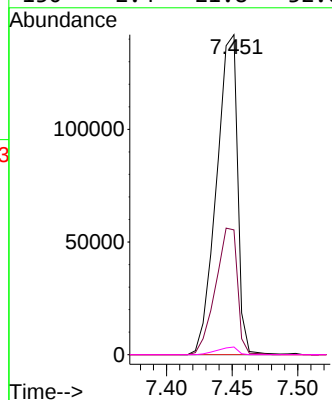


#19
n-Nitroso-di-n-propylamine
Concen: 15.165 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Instrument :
BNA_F
ClientSampleId :

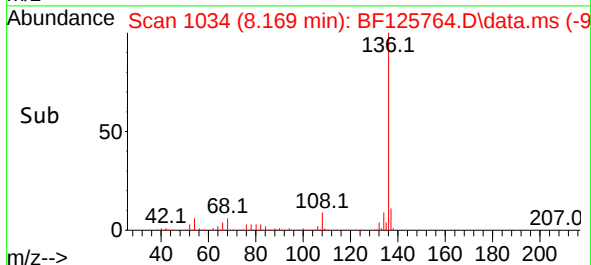
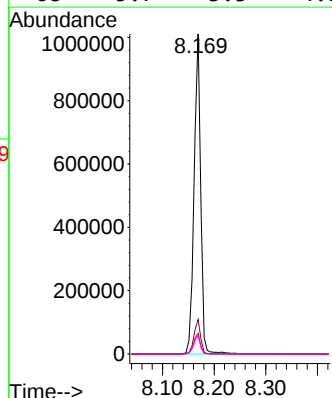
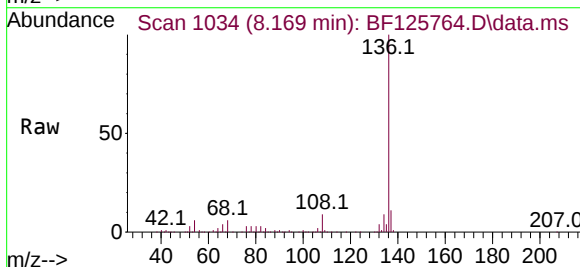


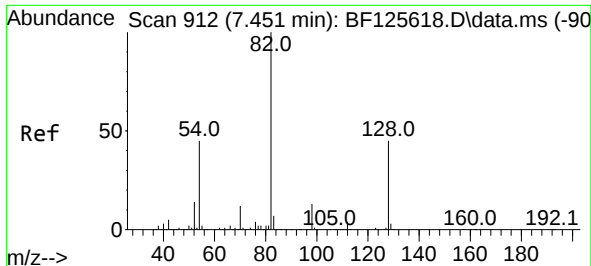
Tgt Ion: 70 Resp: 158560
Ion Ratio Lower Upper
70 100
42 39.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion: 136 Resp: 897647
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.4 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 97.715 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF125764.D

Acq: 4 Oct 2021 13:49

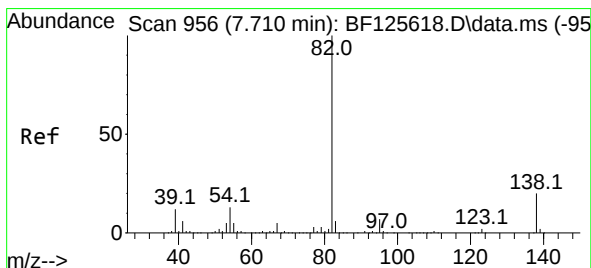
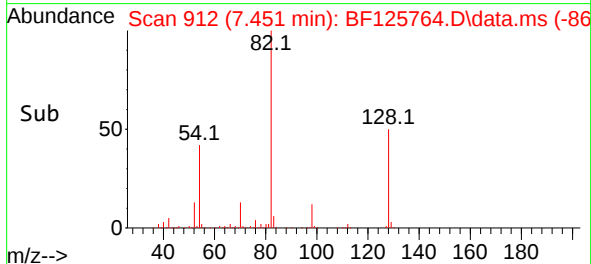
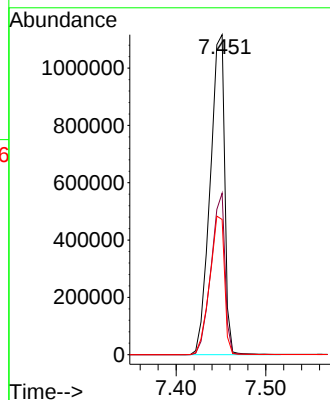
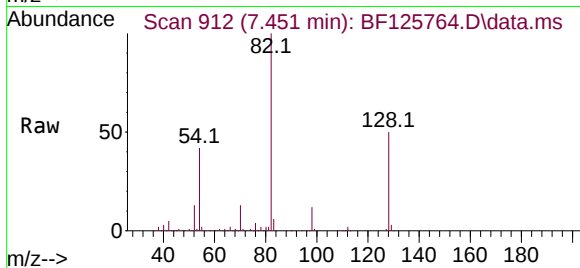
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1257535

Ion	Ratio	Lower	Upper
82	100		
128	50.4	40.6	60.8
54	42.3	49.6	74.4#



#25

Isophorone

Concen: 43.546 ng

RT: 7.451 min Scan# 912

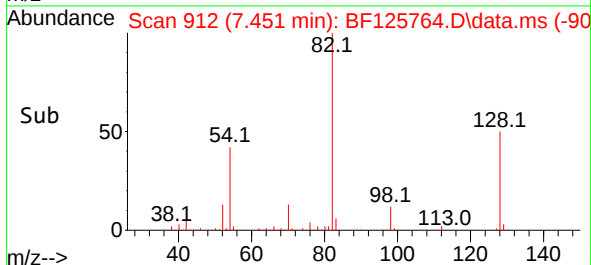
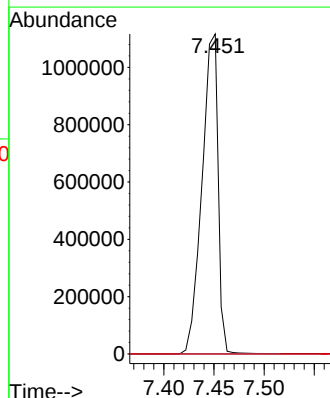
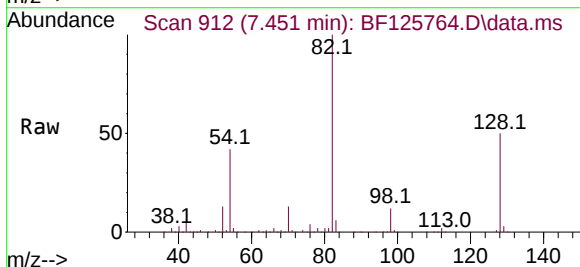
Delta R.T. -0.259 min

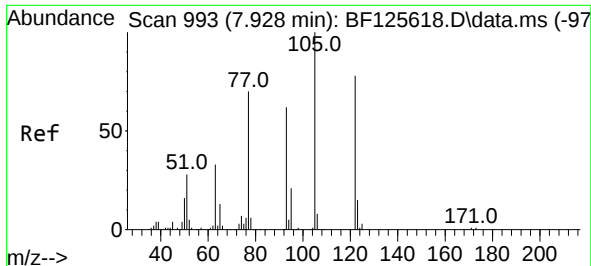
Lab File: BF125764.D

Acq: 4 Oct 2021 13:49

Tgt Ion: 82 Resp: 1255080

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

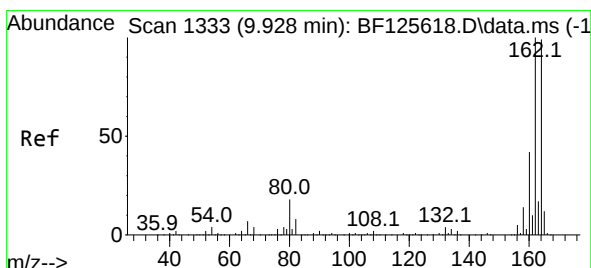
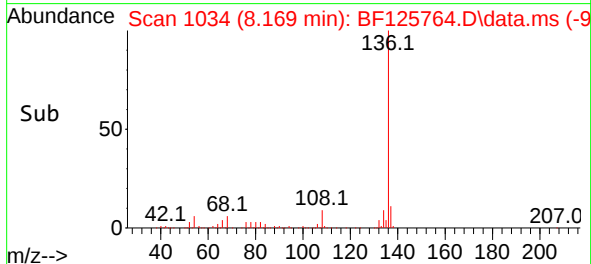
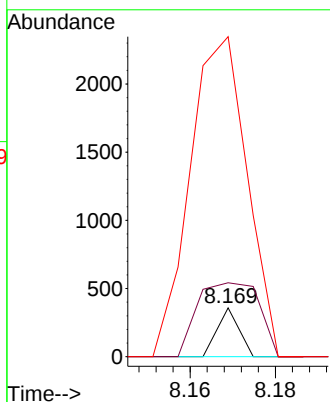
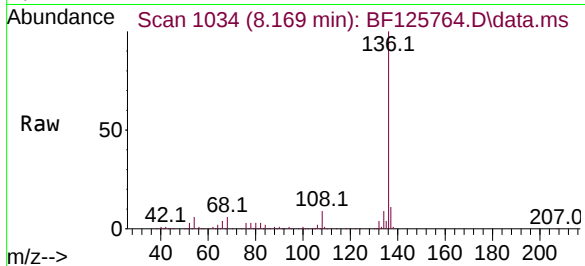




#32
Benzoic acid
Concen: 8.639 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

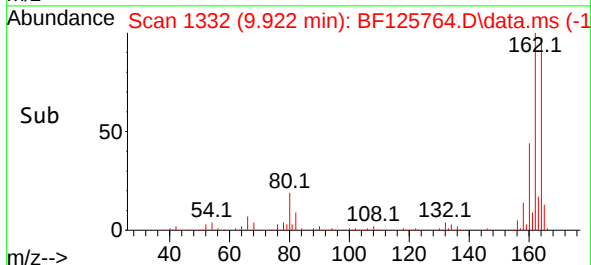
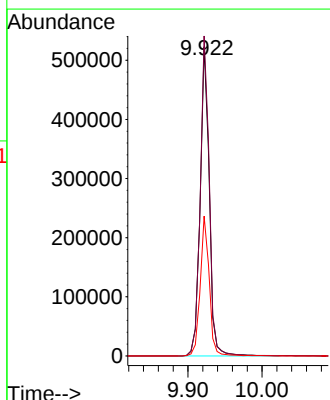
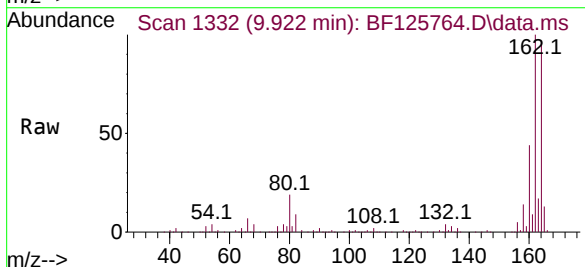
Instrument :
BNA_F
ClientSampleId :

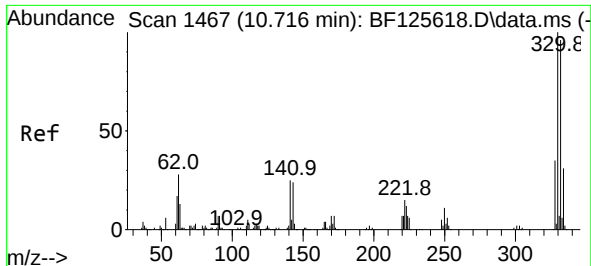
Tgt Ion:122 Resp: 126
Ion Ratio Lower Upper
122 100
105 151.7 97.6 137.6#
77 655.6 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:164 Resp: 445431
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 45.2 38.0 57.0

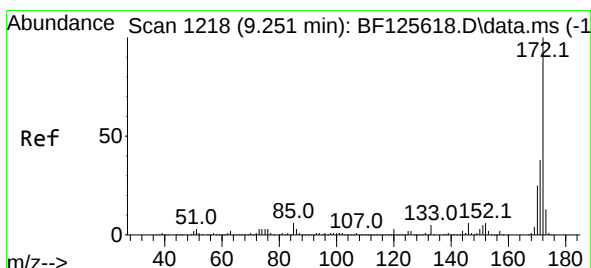
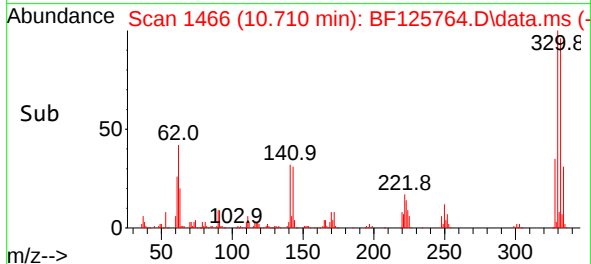
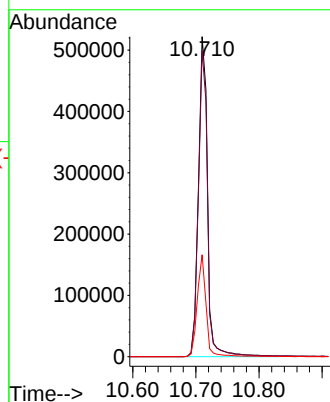
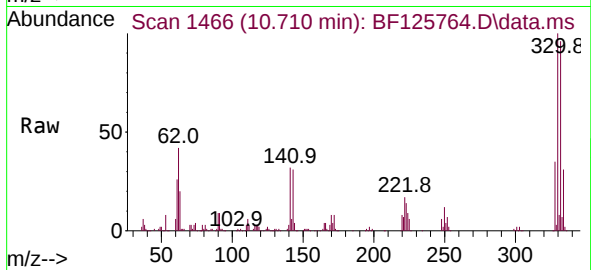




#42
2,4,6-Tribromophenol
Concen: 125.810 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

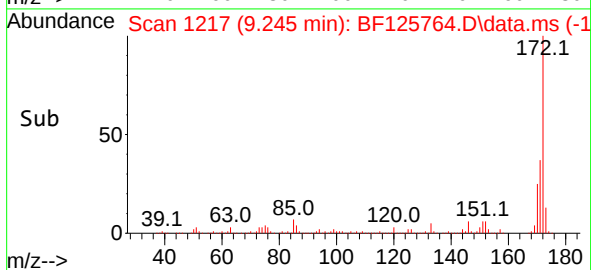
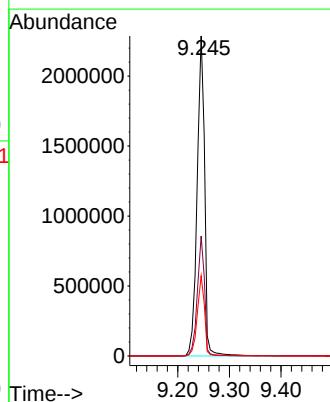
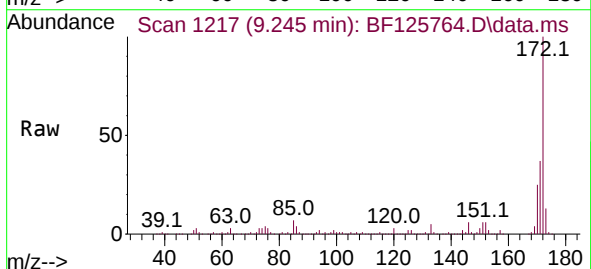
Instrument :
BNA_F
ClientSampleId :

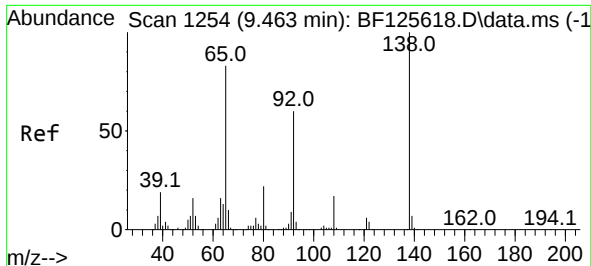
Tgt Ion:330 Resp: 522497
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 94.483 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:172 Resp: 2305221
Ion Ratio Lower Upper
172 100
171 37.4 26.5 39.7
170 25.1 18.8 28.2

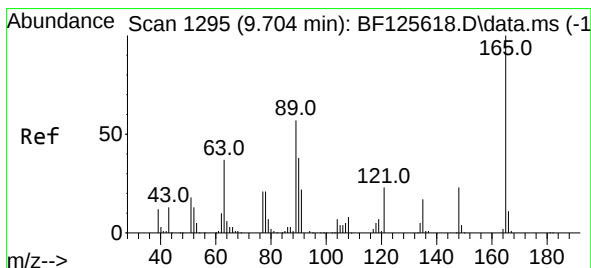
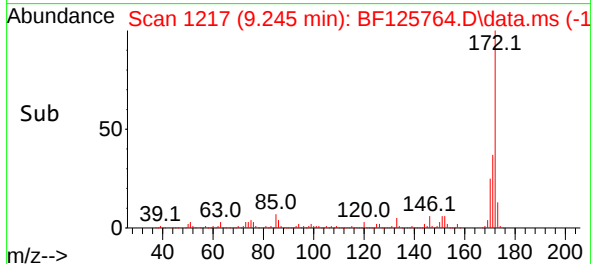
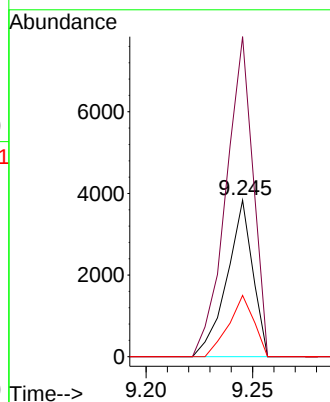
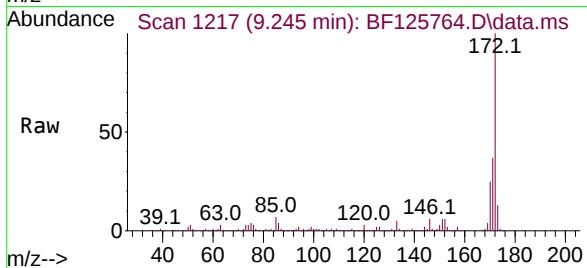




#48
2-Nitroaniline
Concen: 4.617 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

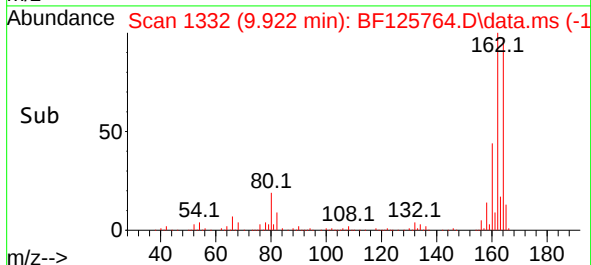
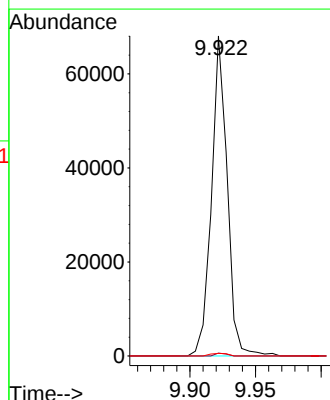
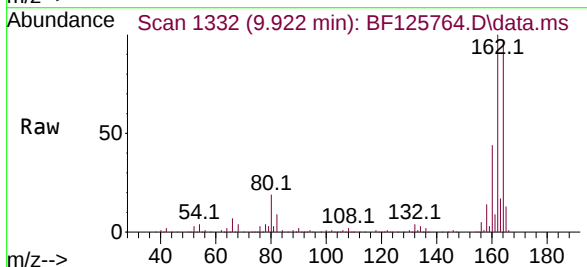
Instrument :
BNA_F
ClientSampled :

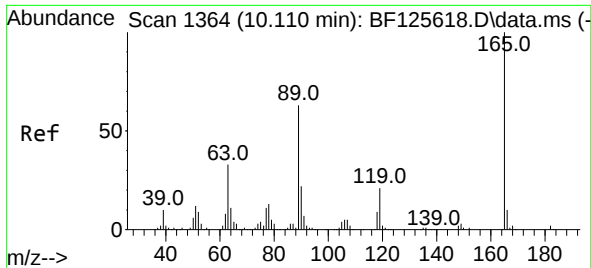
Tgt Ion: 65 Resp: 3229
Ion Ratio Lower Upper
65 100
92 204.5 55.5 83.3#
138 39.2 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.623 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:165 Resp: 56877
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#

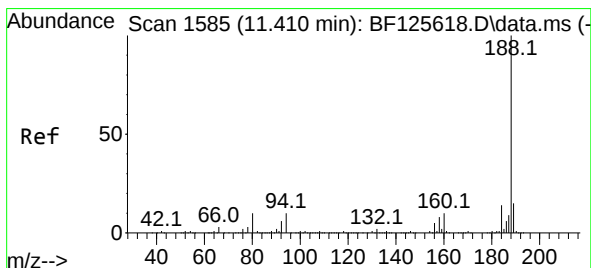
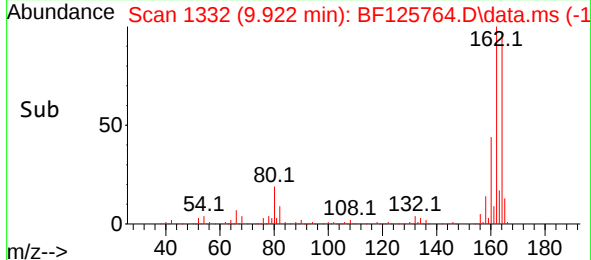
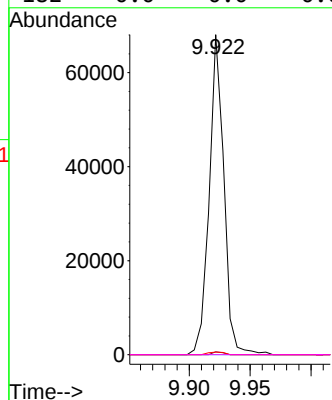
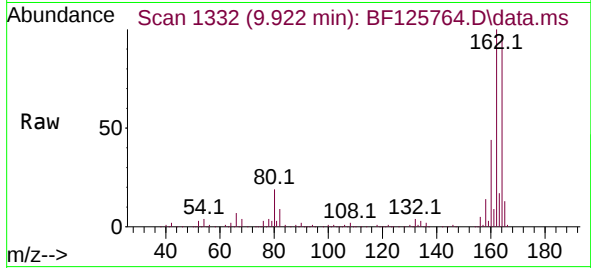




#57
2,4-Dinitrotoluene
Concen: 11.515 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

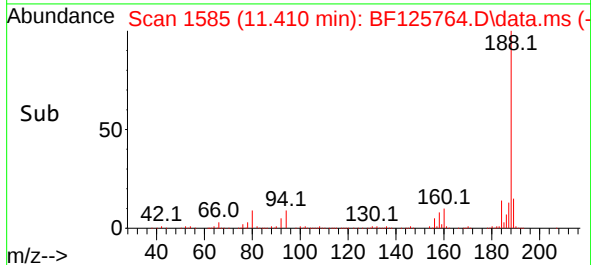
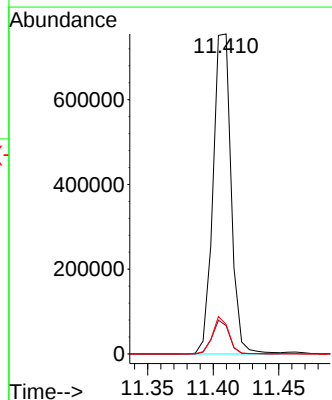
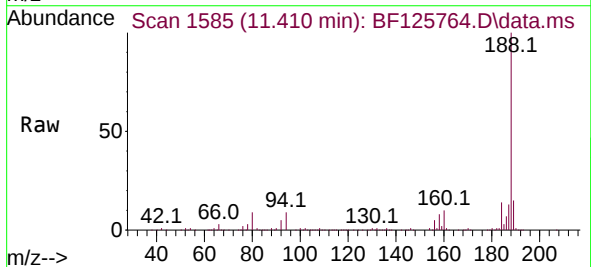
Instrument :
BNA_F
ClientSampleId :

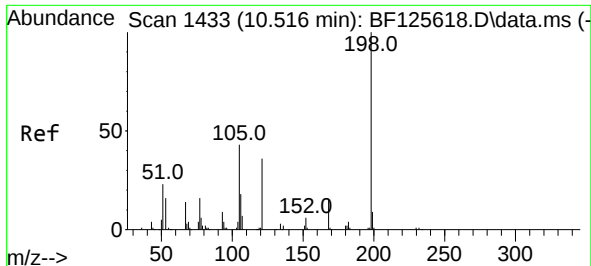
Tgt Ion:165 Resp: 56866
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:188 Resp: 724622
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.3 7.5 11.3

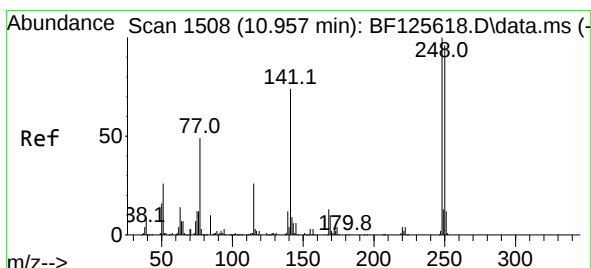
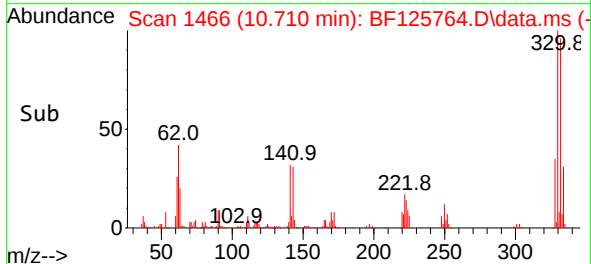
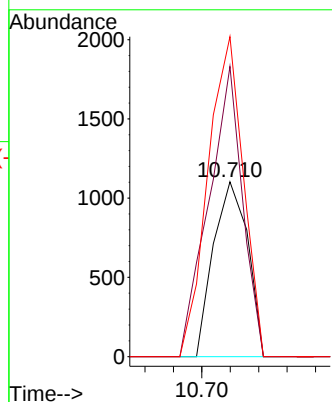
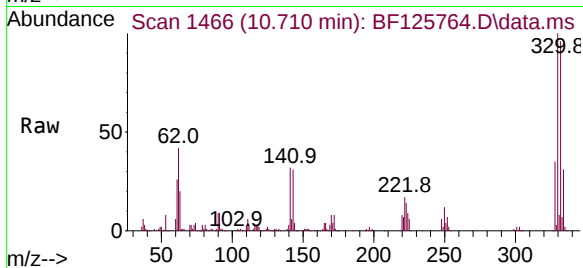




#65
4,6-Dinitro-2-methylphenol
Concen: 9.226 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

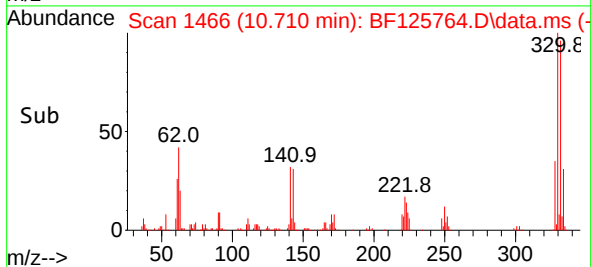
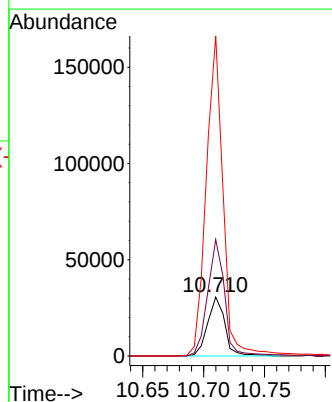
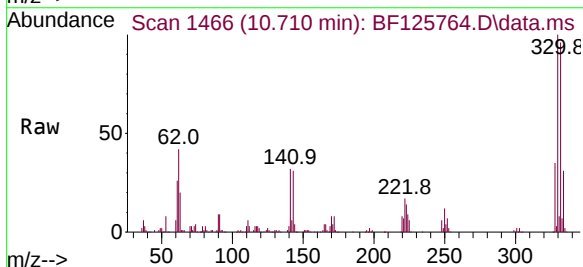
Instrument :
BNA_F
ClientSampleId :

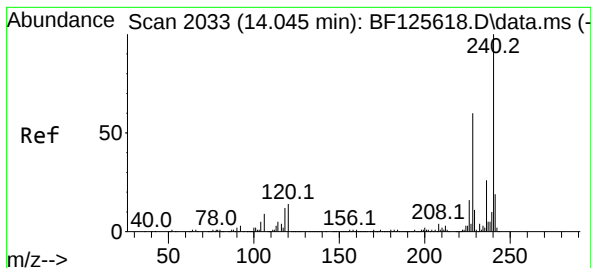
Tgt Ion:198 Resp: 923
Ion Ratio Lower Upper
198 100
51 166.0 45.3 85.3#
105 183.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.970 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:248 Resp: 30188
Ion Ratio Lower Upper
248 100
250 197.3 74.2 111.4#
141 542.8 60.4 90.6#

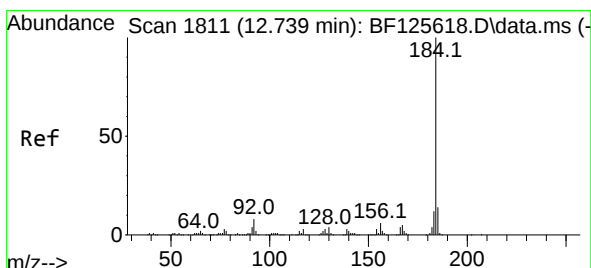
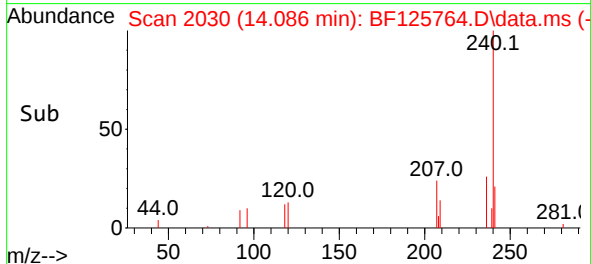
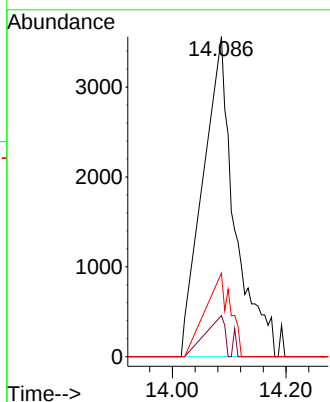
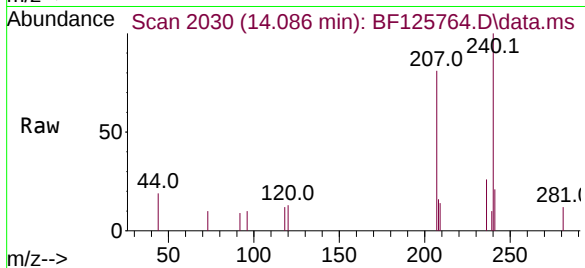




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2030
Delta R.T. 0.041 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

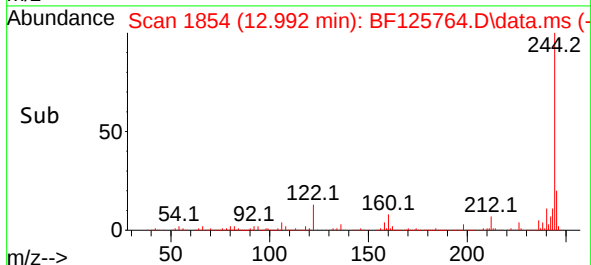
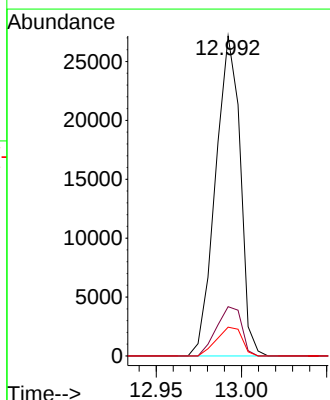
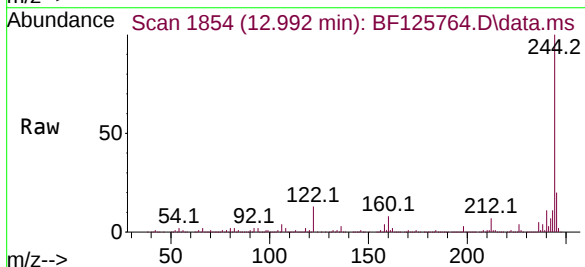
Instrument :
BNA_F
ClientSampleId :

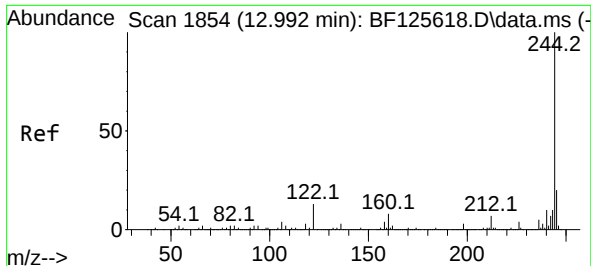
Tgt Ion:240 Resp: 10293
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 26.1 21.6 32.4



#77
Benzidine
Concen: 100.925 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:184 Resp: 27290
Ion Ratio Lower Upper
184 100
185 15.4 10.8 16.2
183 9.0 8.1 12.1

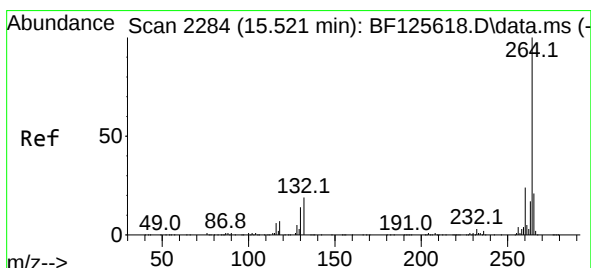
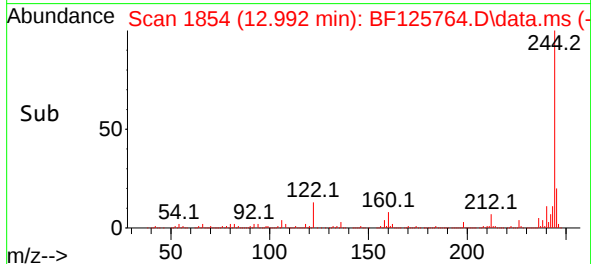
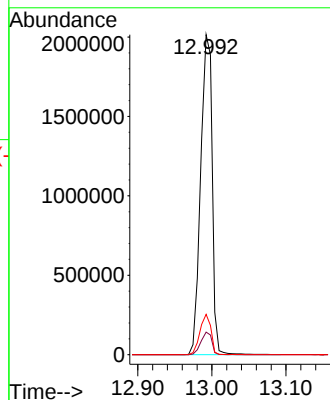
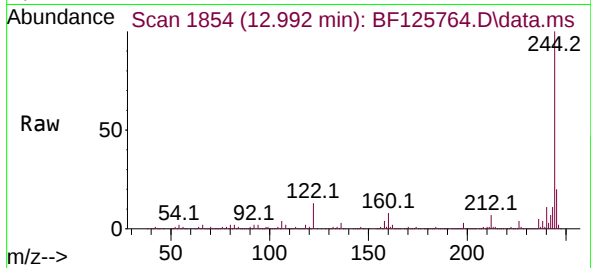




#79
Terphenyl-d14
Concen: 3654.594 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2172167
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF125764.D
Acq: 4 Oct 2021 13:49

Tgt Ion:264 Resp: 291509
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 20.7 17.2 25.8

