

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100421\
 Data File : BF125762.D
 Acq On : 4 Oct 2021 12:45
 Operator : JU/CG
 Sample : PB139583BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139583BL

Quant Time: Oct 04 13:43:28 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)

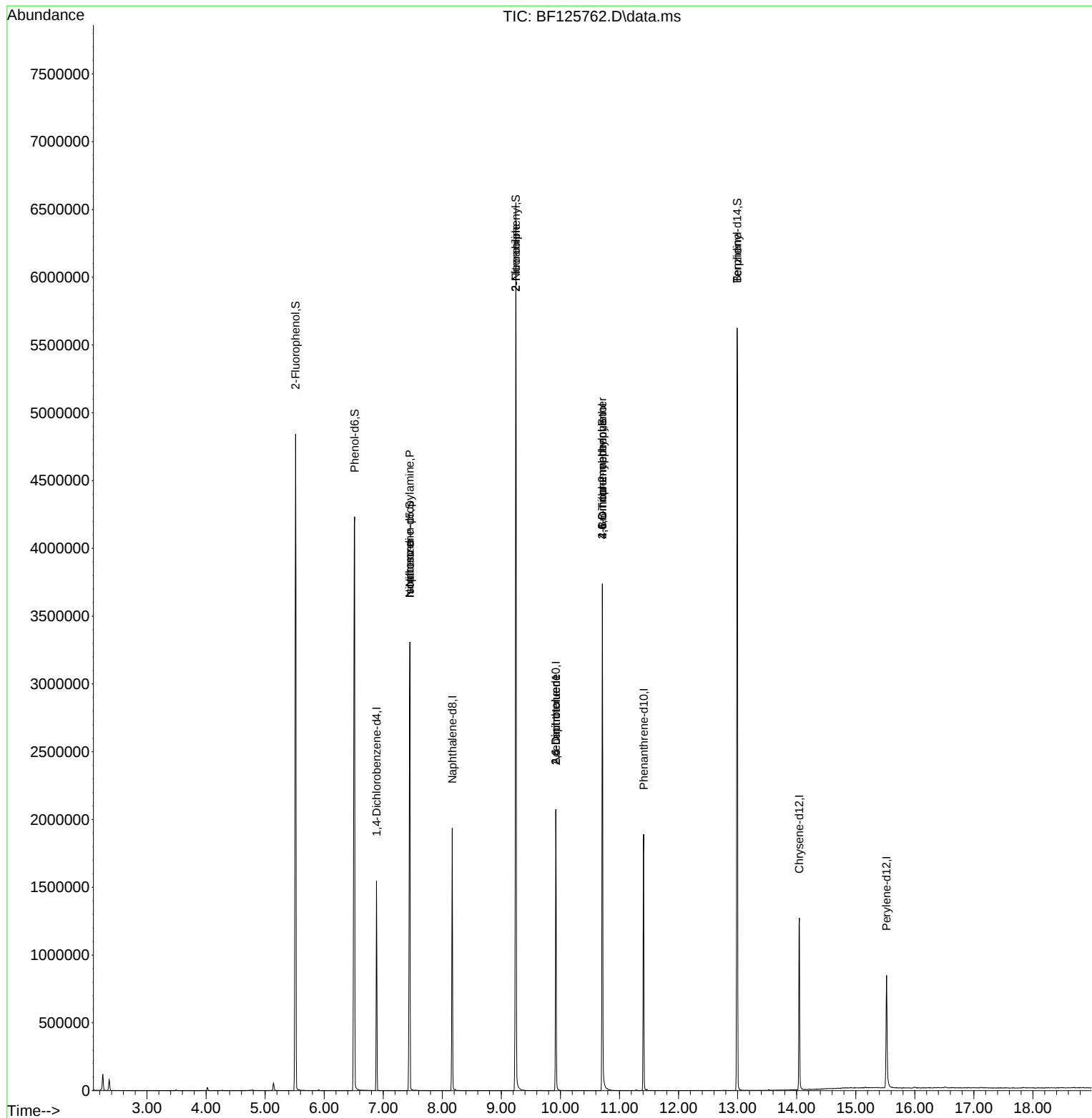
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	223203	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	900832	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	448270	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	717172	20.000	ng	0.00
76) Chrysene-d12	14.045	240	480714	20.000	ng	0.00
86) Perylene-d12	15.521	264	402381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1725152	127.341	ng	0.01
7) Phenol-d6	6.516	99	2079935	114.198	ng	0.00
23) Nitrobenzene-d5	7.451	82	1242024	96.168	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	515801	123.411	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2300554	93.562	ng	0.00
79) Terphenyl-d14	12.992	244	2132409	76.820	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2847	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	157866	15.223	ng	# 50
25) Isophorone	7.451	82	1238338	42.814	ng	# 59
48) 2-Nitroaniline	9.245	65	3101	4.596	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	55721	12.397	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	55722	11.338	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	899	9.222	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	28761	3.821	ng	# 1
77) Benzidine	12.992	184	27250	2.158	ng	95

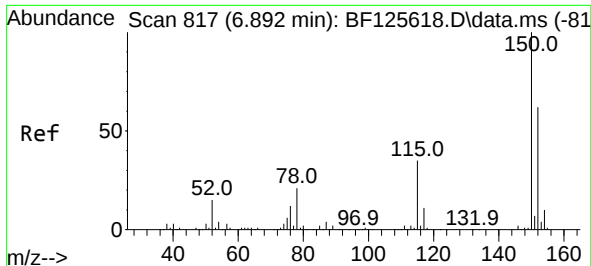
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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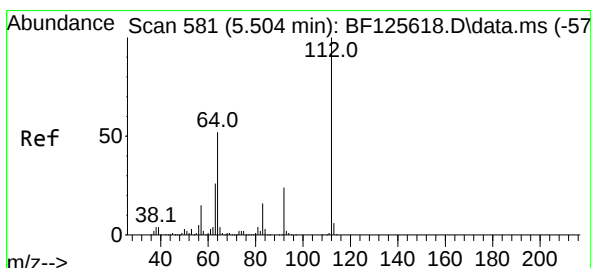
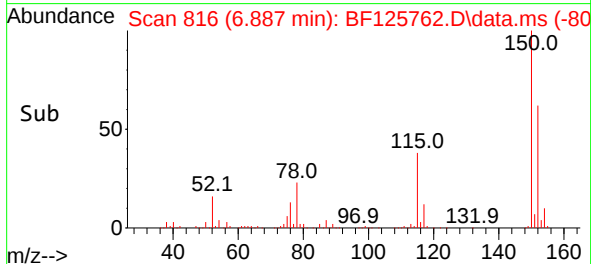
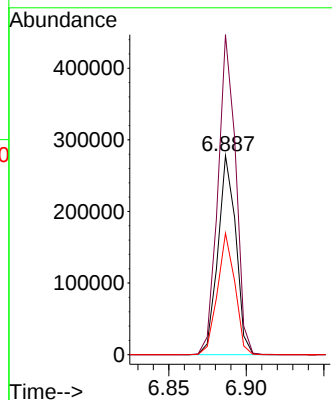
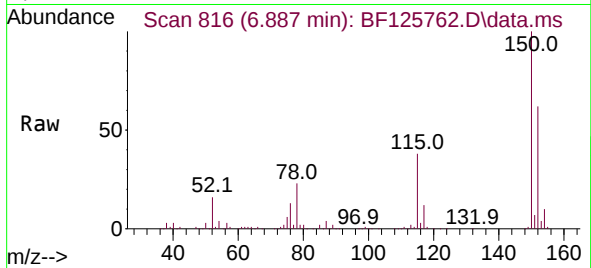




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

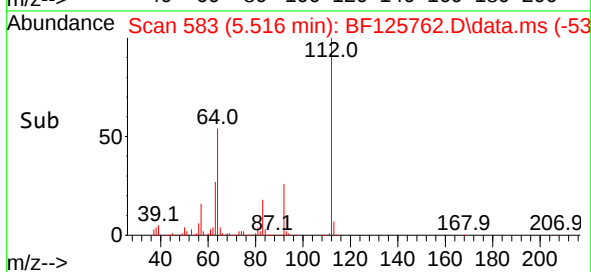
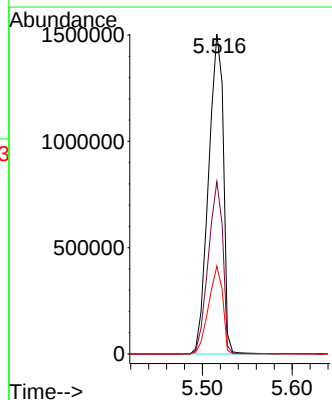
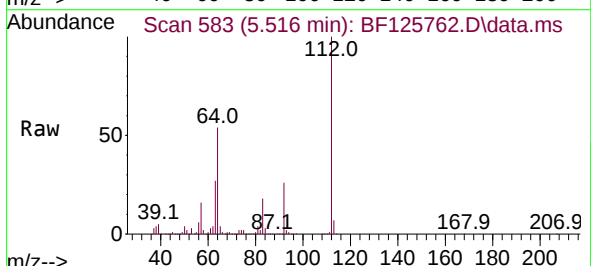
Instrument :
BNA_F
ClientSampleId :
PB139583BL

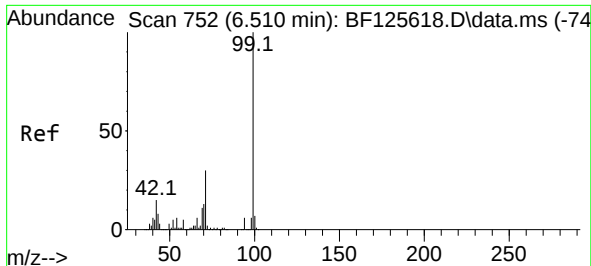
Tgt Ion:152 Resp: 223203
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 127.341 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Tgt Ion:112 Resp: 1725152
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 27.5 26.2 39.2

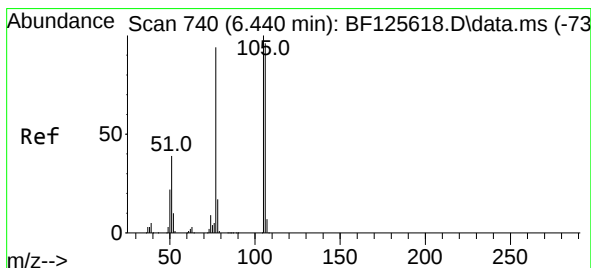
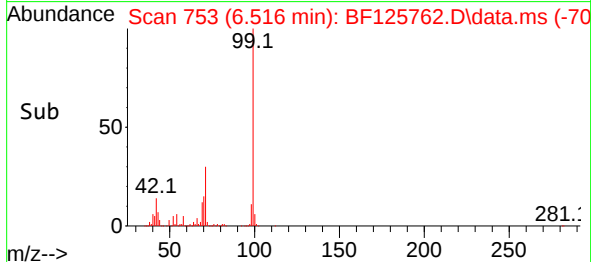
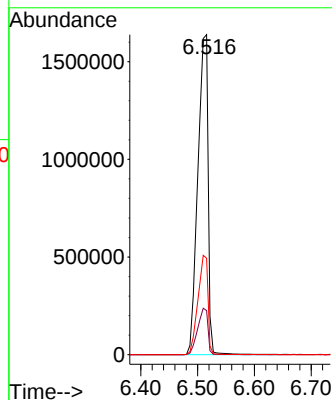
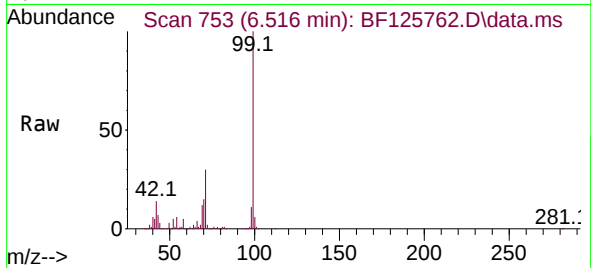




#7
Phenol-d6
Concen: 114.198 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

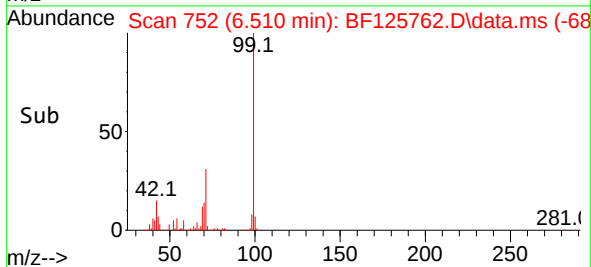
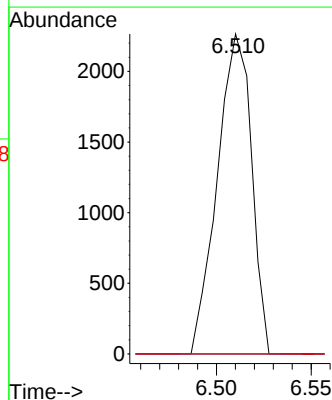
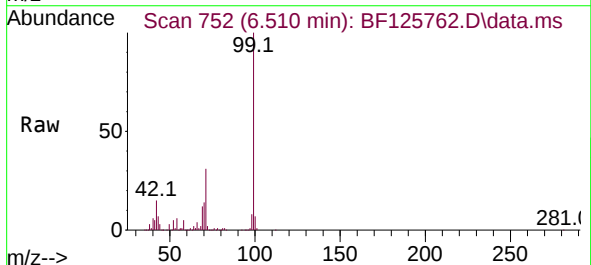
Instrument :
BNA_F
ClientSampleId :
PB139583BL

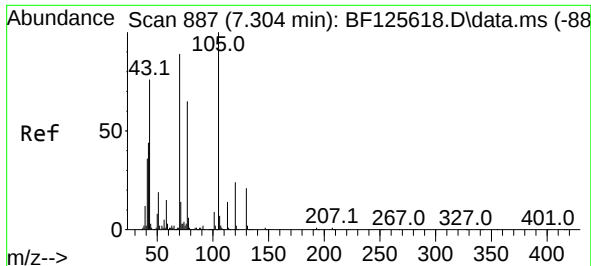
Tgt Ion: 99 Resp: 2079935
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 30.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

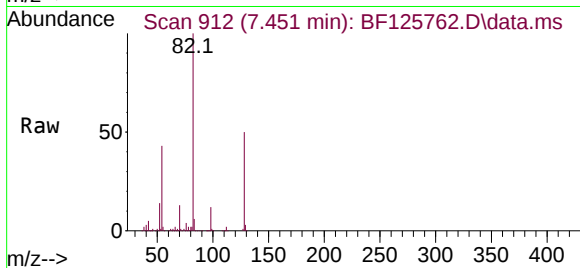
Tgt Ion: 77 Resp: 2847
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



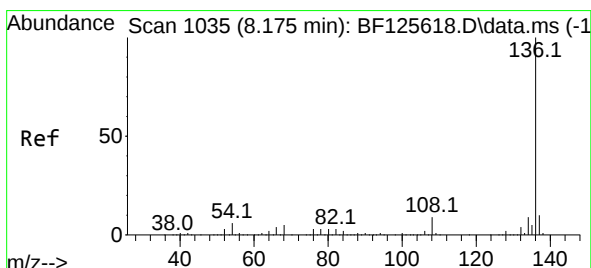
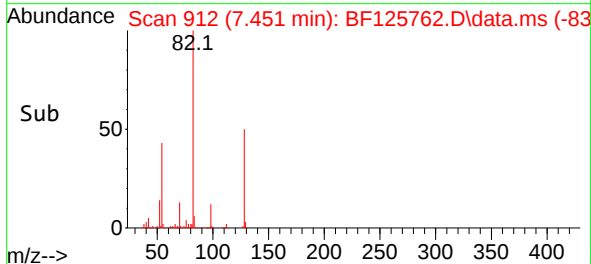
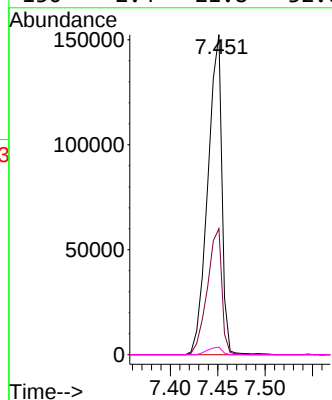


#19
n-Nitroso-di-n-propylamine
Concen: 15.223 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Instrument :
BNA_F
ClientSampleId :
PB139583BL

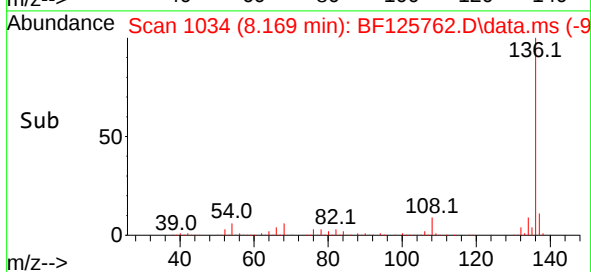
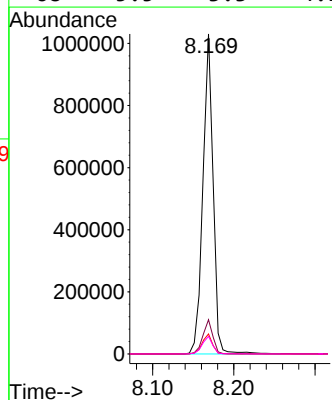
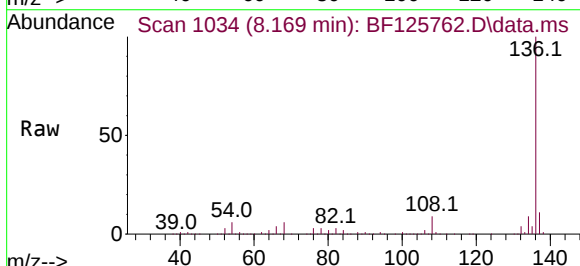


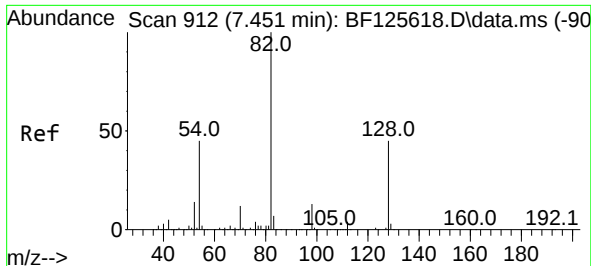
Tgt Ion: 70 Resp: 157866
Ion Ratio Lower Upper
70 100
42 39.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Tgt Ion: 136 Resp: 900832
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.3 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 96.168 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF125762.D

Acq: 4 Oct 2021 12:45

Instrument :

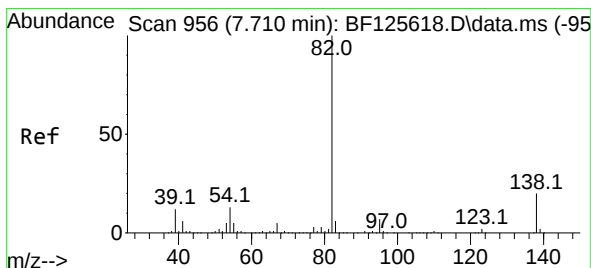
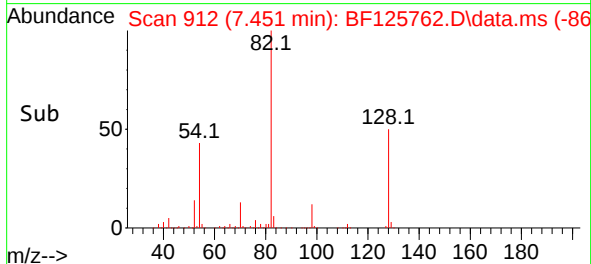
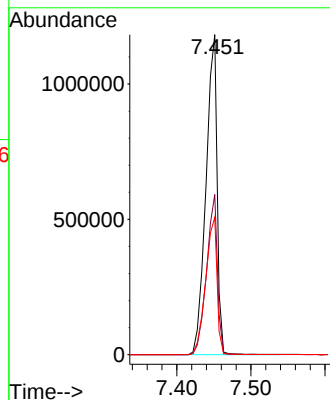
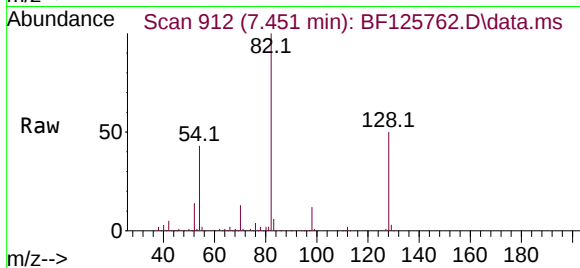
BNA_F

ClientSampleId :

PB139583BL

Tgt Ion: 82 Resp: 1242024

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.6	60.8
54	42.9	49.6	74.4#



#25

Isophorone

Concen: 42.814 ng

RT: 7.451 min Scan# 912

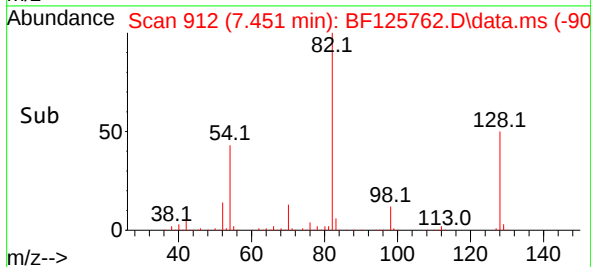
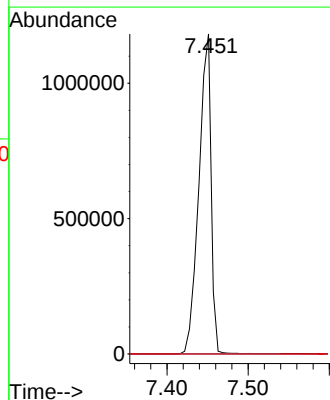
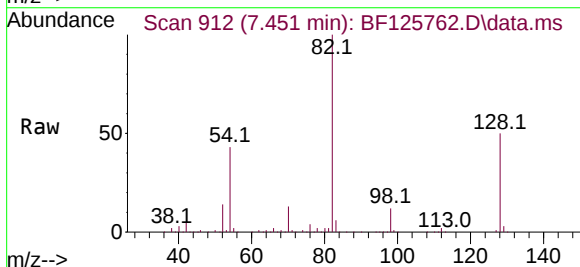
Delta R.T. -0.259 min

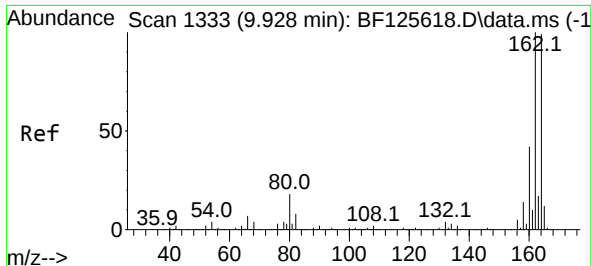
Lab File: BF125762.D

Acq: 4 Oct 2021 12:45

Tgt Ion: 82 Resp: 1238338

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: BF125762.D

Acq: 4 Oct 2021 12:45

Instrument :

BNA_F

ClientSampleId :

PB139583BL

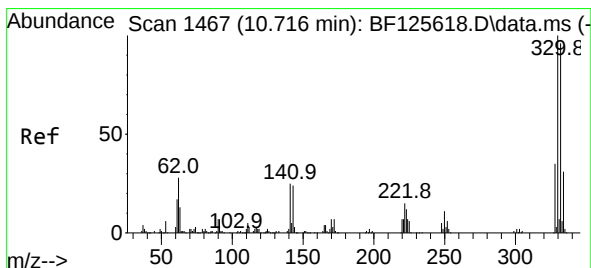
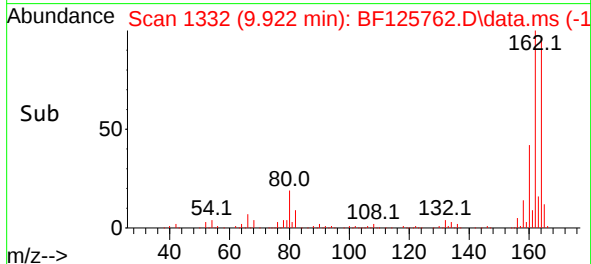
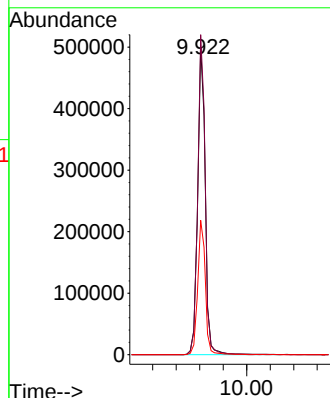
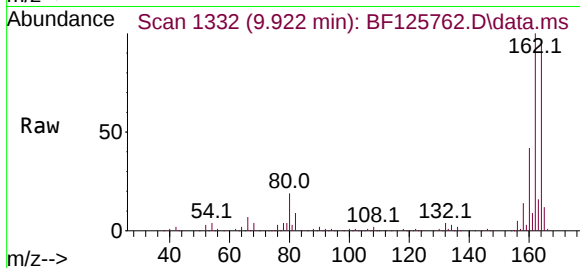
Tgt Ion:164 Resp: 448270

Ion Ratio Lower Upper

164 100

162 104.1 81.3 121.9

160 43.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 123.411 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125762.D

Acq: 4 Oct 2021 12:45

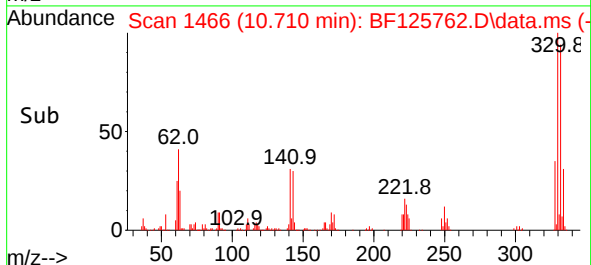
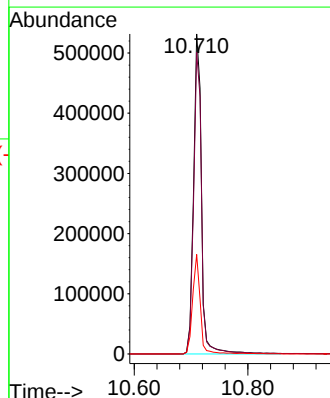
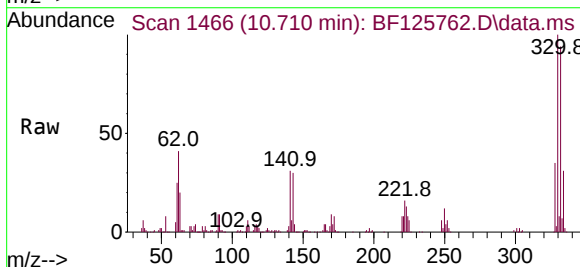
Tgt Ion:330 Resp: 515801

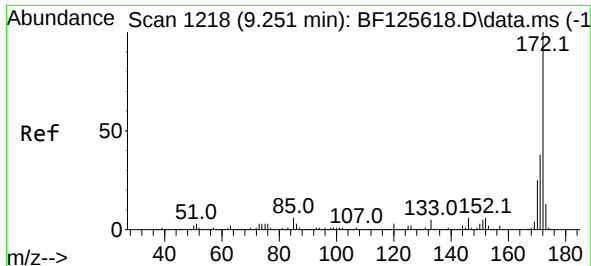
Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 29.7 44.6 66.8#

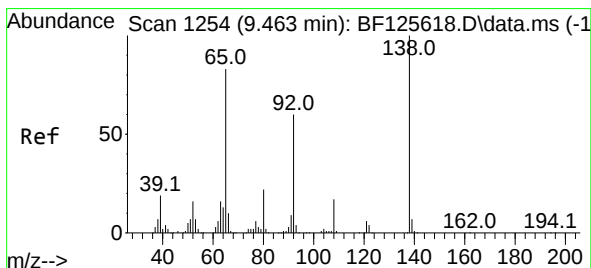
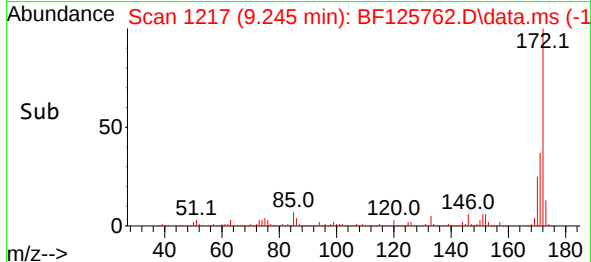
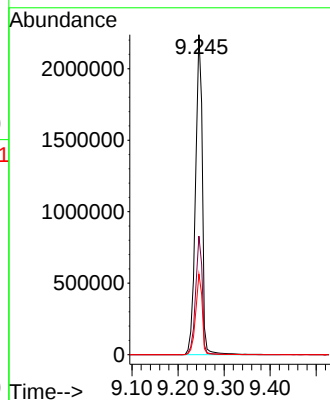
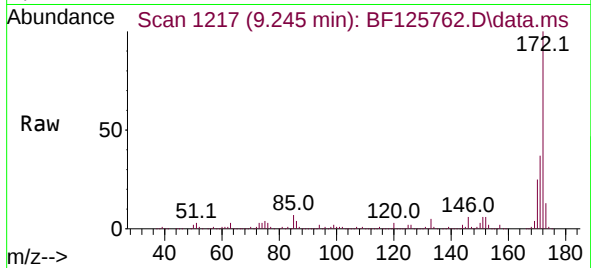




#45
2-Fluorobiphenyl
Concen: 93.562 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

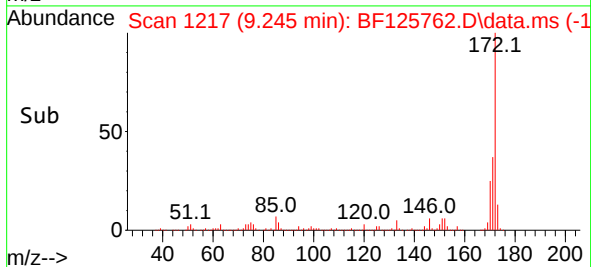
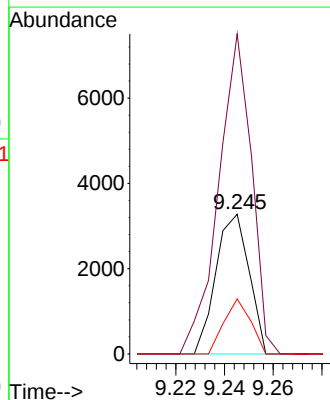
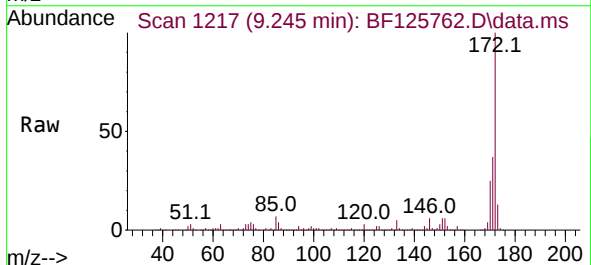
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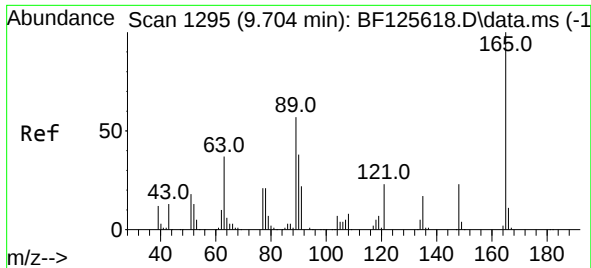
Tgt Ion:172 Resp: 2300554
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 25.2 18.8 28.2



#48
2-Nitroaniline
Concen: 4.596 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Tgt Ion: 65 Resp: 3101
Ion Ratio Lower Upper
65 100
92 229.1 55.5 83.3#
138 39.4 93.5 140.3#

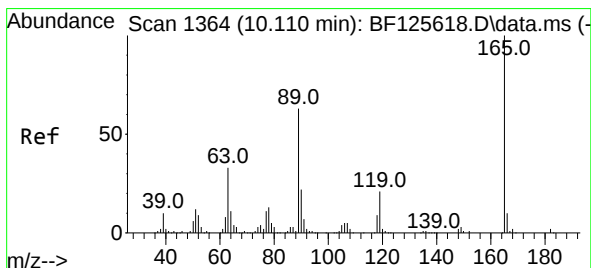
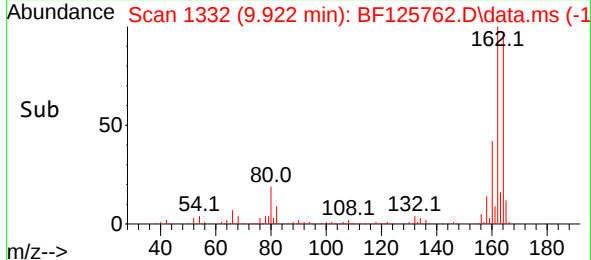
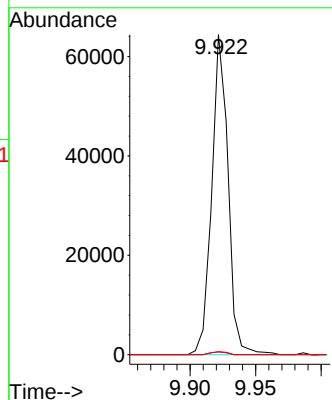
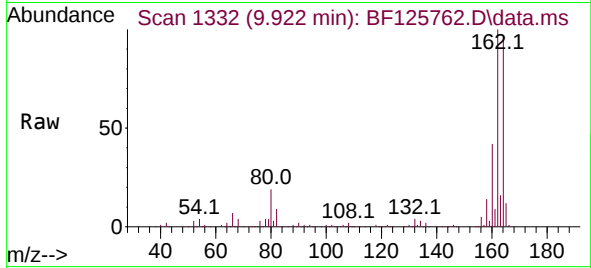




#51
2,6-Dinitrotoluene
Concen: 12.397 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

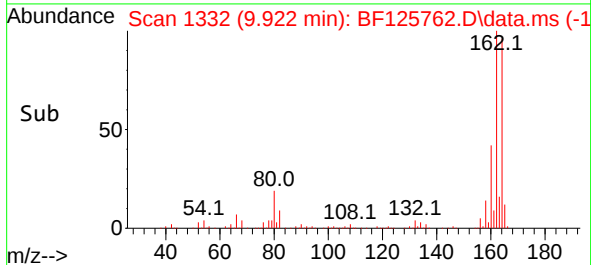
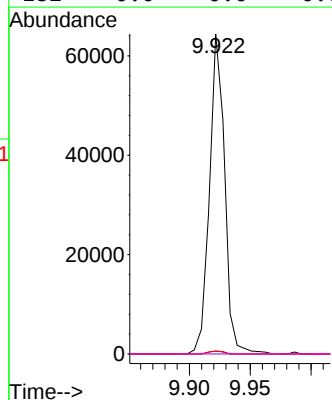
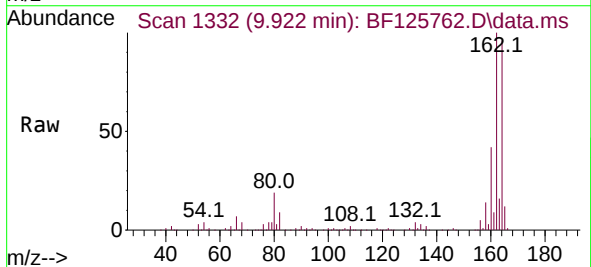
Instrument :
BNA_F
ClientSampleId :
PB139583BL

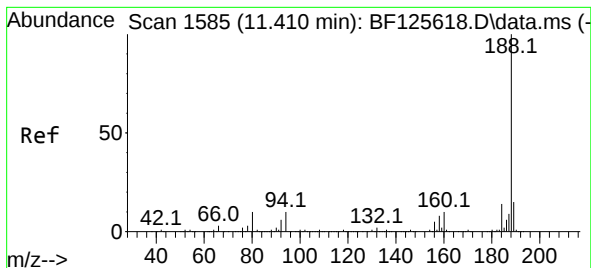
Tgt Ion:165 Resp: 55721
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.338 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Tgt Ion:165 Resp: 55722
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

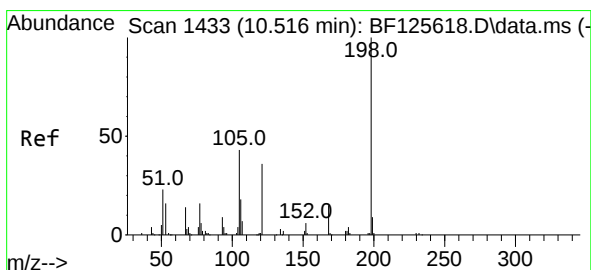
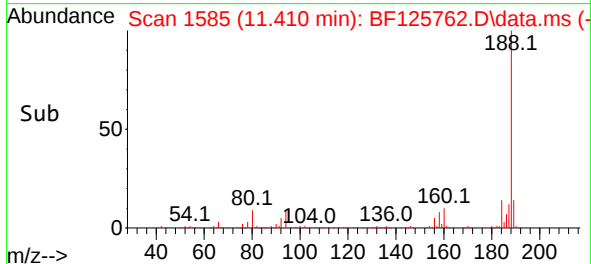
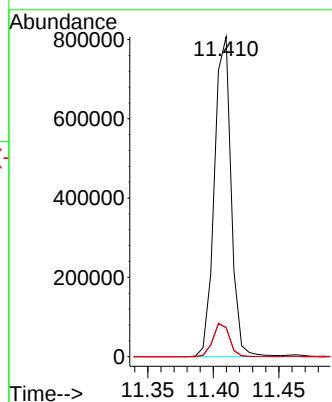
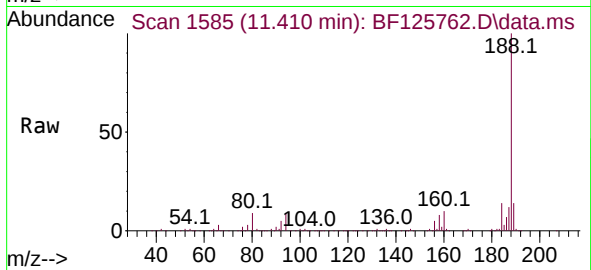




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

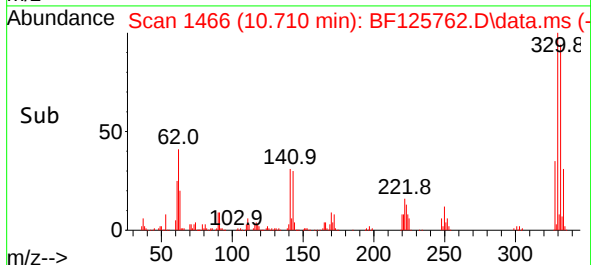
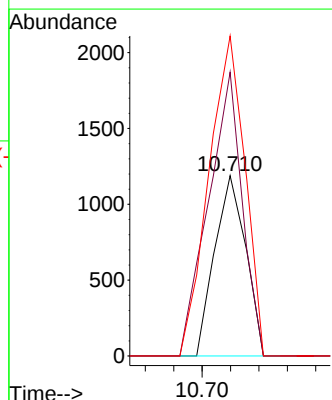
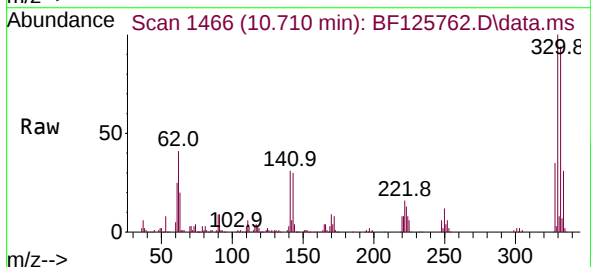
Instrument :
BNA_F
ClientSampleId :
PB139583BL

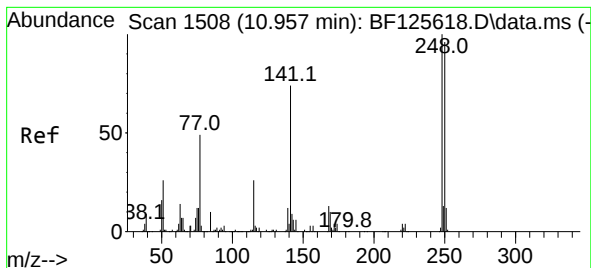
Tgt Ion:188 Resp: 717172
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.0 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.222 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Tgt Ion:198 Resp: 899
Ion Ratio Lower Upper
198 100
51 157.4 45.3 85.3#
105 177.5 30.6 70.6#

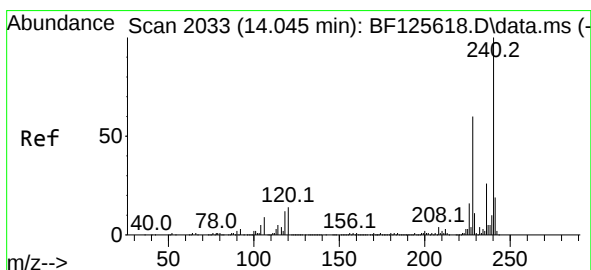
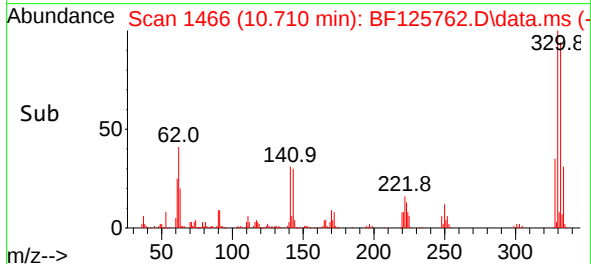
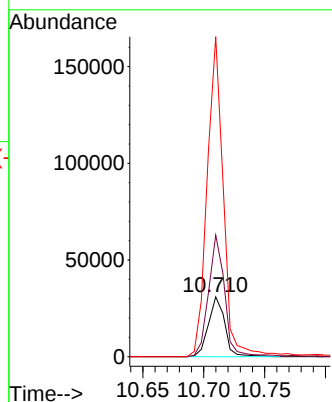
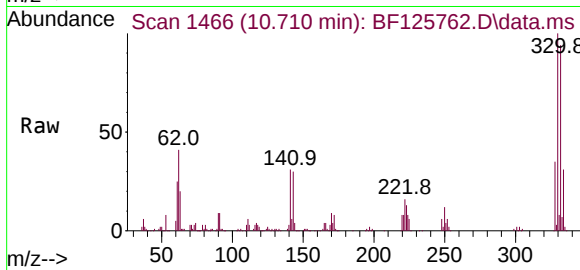




#67
4-Bromophenyl-phenylether
Concen: 3.821 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

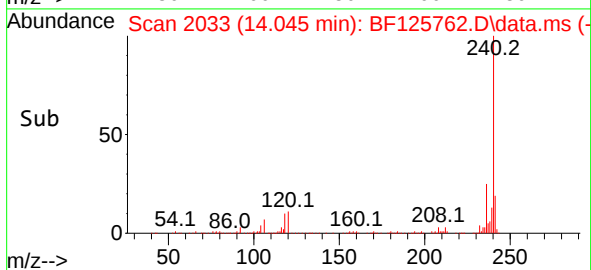
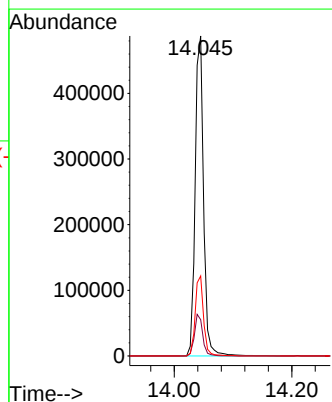
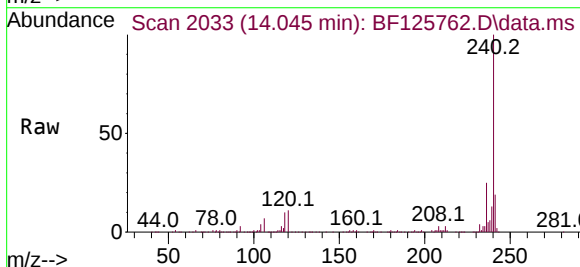
Instrument :
BNA_F
ClientSampleId :
PB139583BL

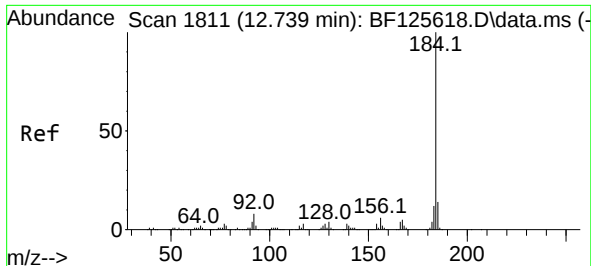
Tgt Ion:248 Resp: 28761
Ion Ratio Lower Upper
248 100
250 203.3 74.2 111.4#
141 534.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Tgt Ion:240 Resp: 480714
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.0 21.6 32.4

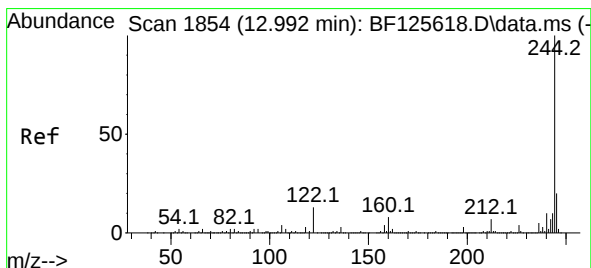
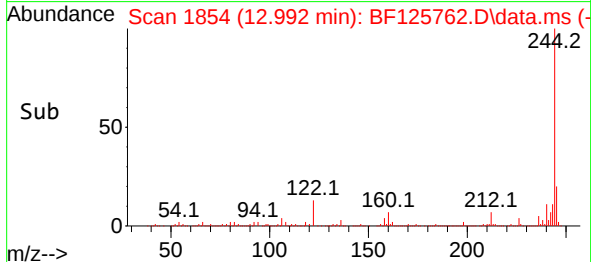
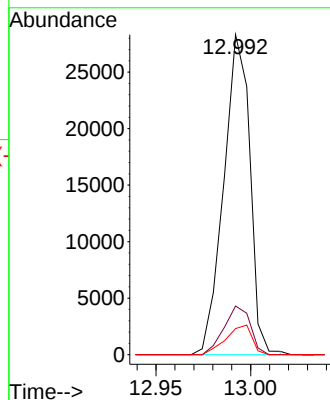
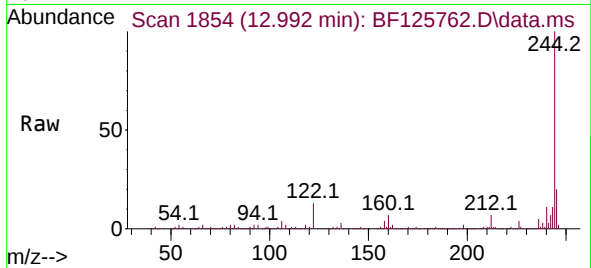




#77
Benzidine
Concen: 2.158 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

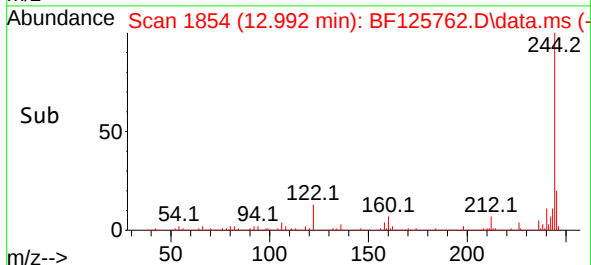
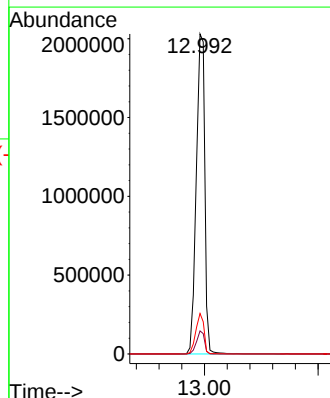
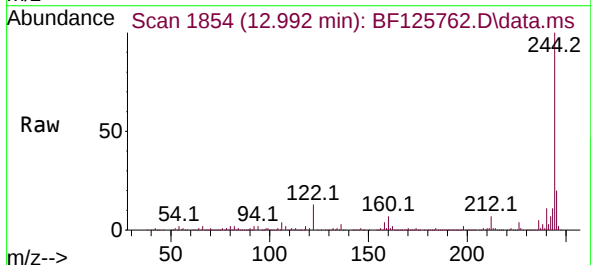
Instrument :
BNA_F
ClientSampleId :
PB139583BL

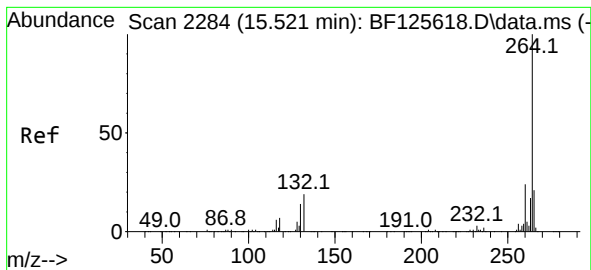
Tgt Ion:184 Resp: 27250
Ion Ratio Lower Upper
184 100
185 15.2 10.8 16.2
183 8.2 8.1 12.1



#79
Terphenyl-d14
Concen: 76.820 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125762.D
Acq: 4 Oct 2021 12:45

Tgt Ion:244 Resp: 2132409
Ion Ratio Lower Upper
244 100
212 7.2 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: BF125762.D
 Acq: 4 Oct 2021 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB139583BL

Tgt Ion:264 Resp: 402381
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 20.8 17.2 25.8

