

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125752.D
 Acq On : 1 Oct 2021 15:05
 Operator : JU/CG
 Sample : M4008-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-CON

Quant Time: Oct 01 16:33:56 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)

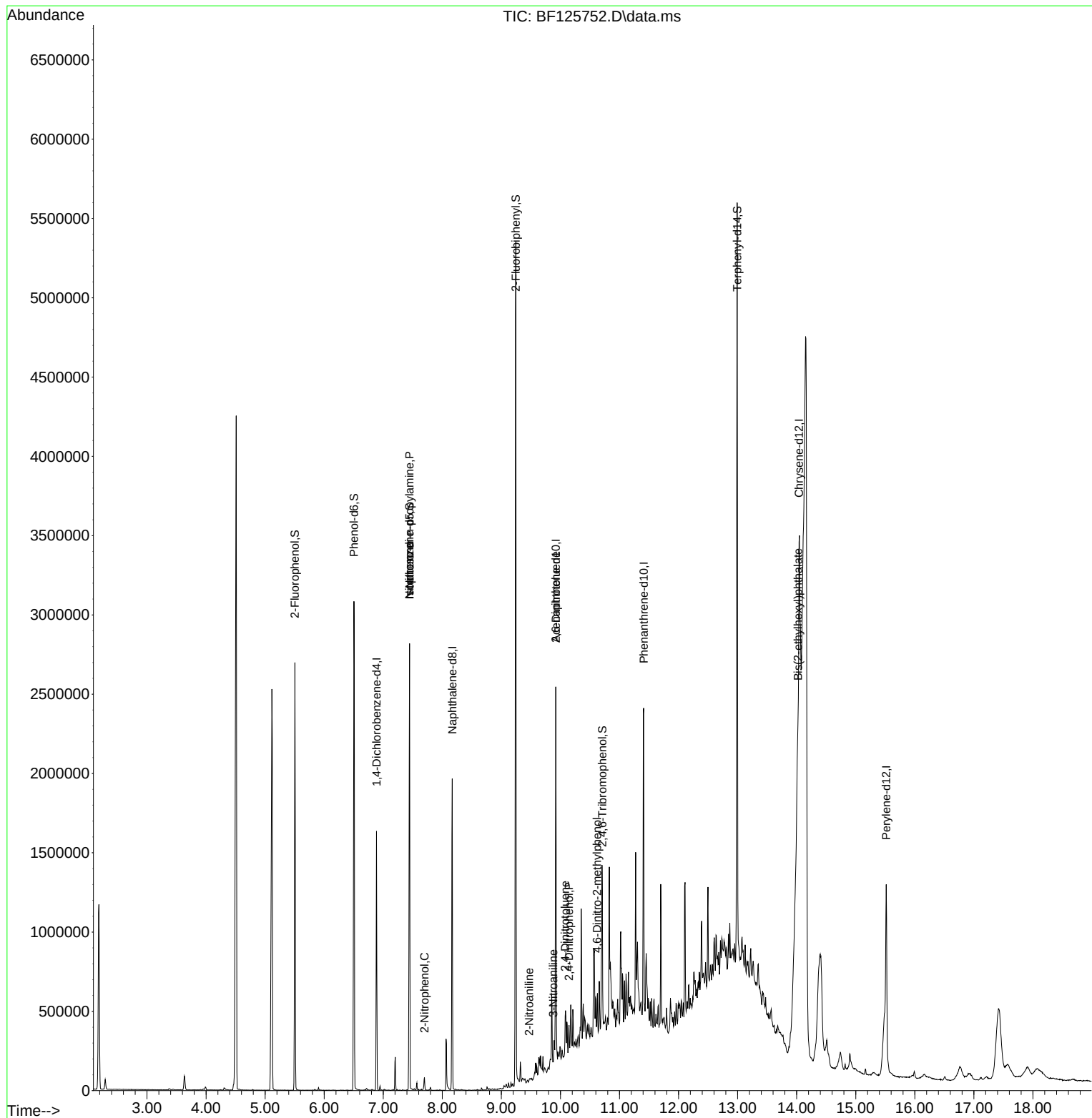
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	220926	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	906177	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	468898	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	779713	20.000	ng	0.00
76) Chrysene-d12	14.039	240	352526	20.000	ng	0.00
86) Perylene-d12	15.515	264	459752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	764990	57.049	ng	0.00
7) Phenol-d6	6.504	99	1241937	68.891	ng	0.00
23) Nitrobenzene-d5	7.445	82	886030	68.199	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	144104	32.962	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1805596	66.238	ng	0.00
79) Terphenyl-d14	12.992	244	1618303	79.498	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1675	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	111540	10.867	ng	# 51
25) Isophorone	7.445	82	886022	30.452	ng	# 59
26) 2-Nitrophenol	7.698	139	483	5.795	ng	# 58
48) 2-Nitroaniline	9.469	65	512	4.226	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	60151	12.662	ng	# 27
53) 3-Nitroaniline	9.880	138	323	3.184	ng	# 1
54) 2,4-Dinitrophenol	10.145	184	128	4.476	ng	# 1
57) 2,4-Dinitrotoluene	10.080	165	2034	5.031	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	282	9.073	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.021	149	136602	11.310	ng	# 81

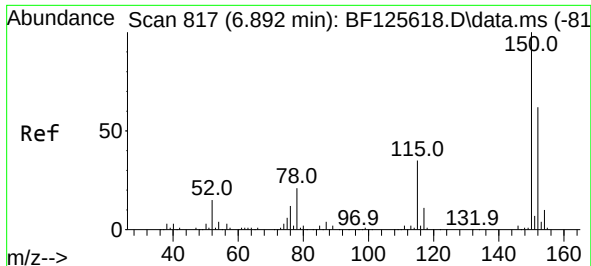
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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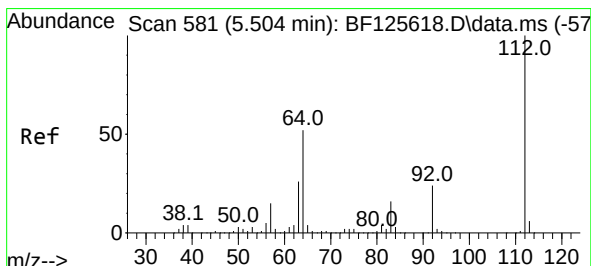
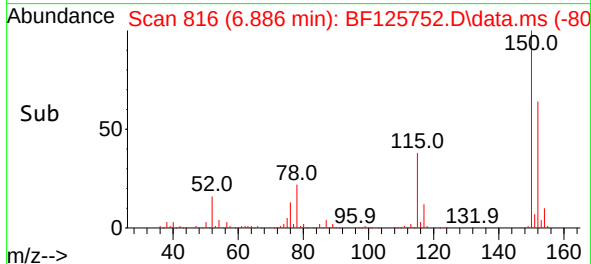
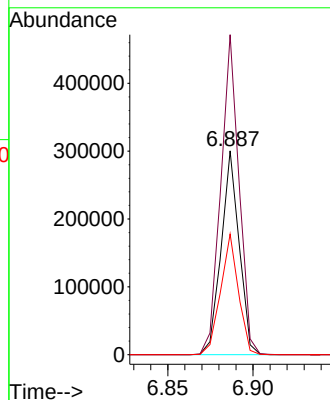
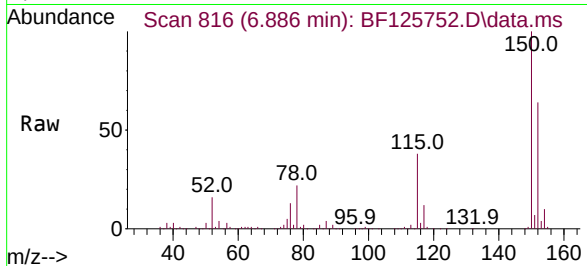




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

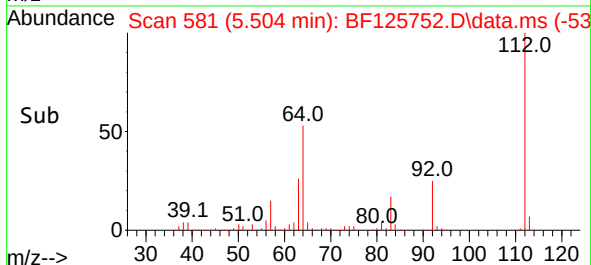
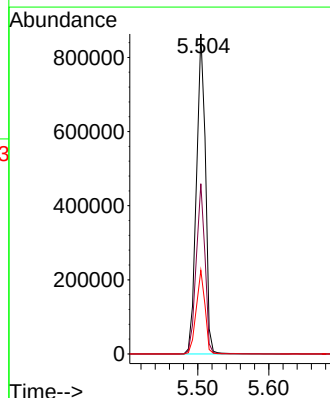
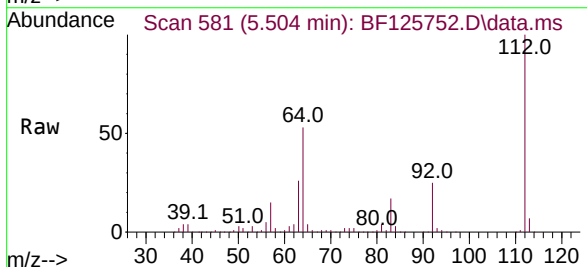
Instrument :
BNA_F
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MW-CON

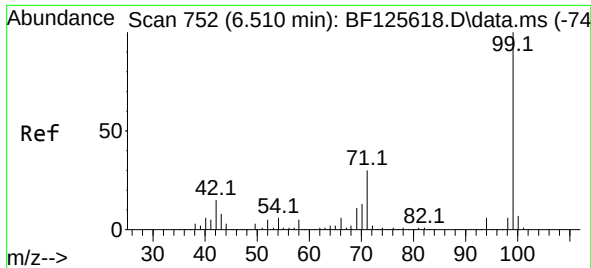
Tgt Ion:152 Resp: 220926
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 57.049 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion:112 Resp: 764990
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 26.2 26.2 39.2#

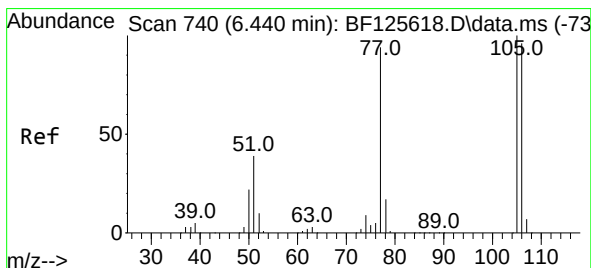
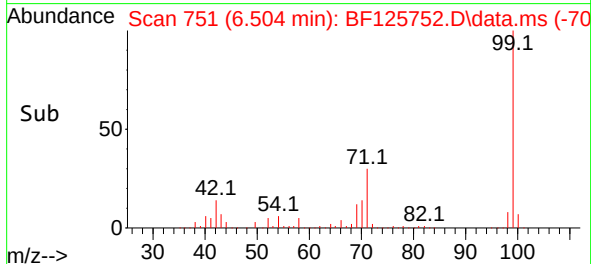
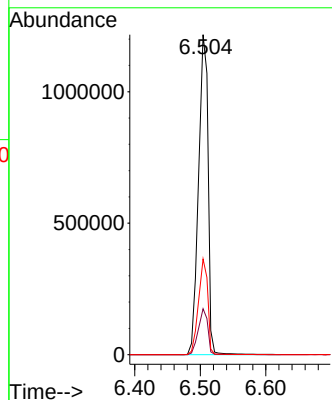
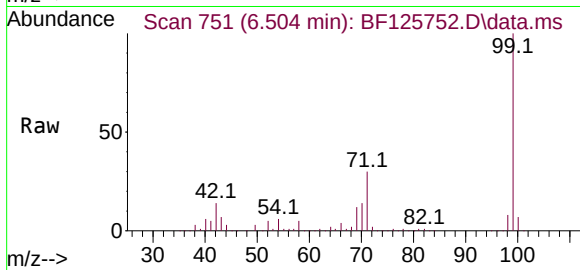




#7
Phenol-d6
Concen: 68.891 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

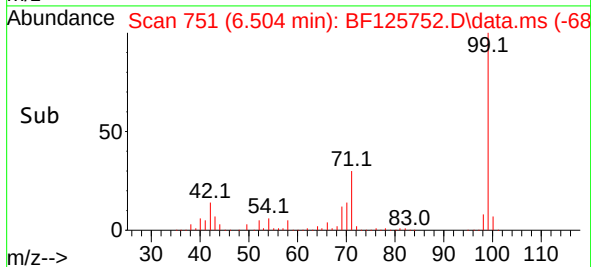
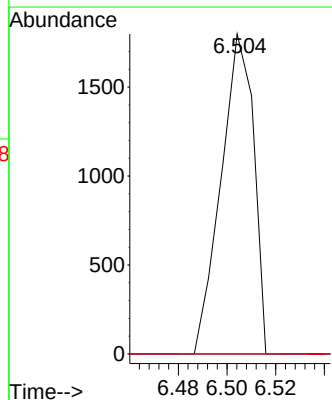
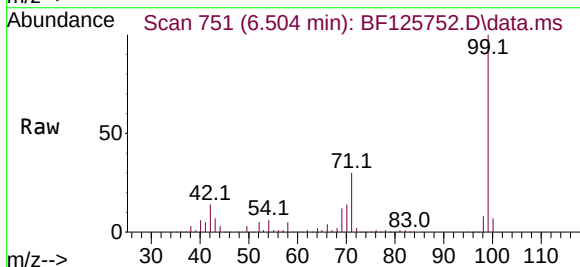
Instrument :
BNA_F
ClientSampleId :
MW-CON

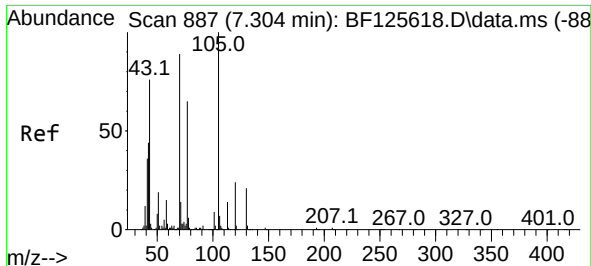
Tgt Ion: 99 Resp: 1241937
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

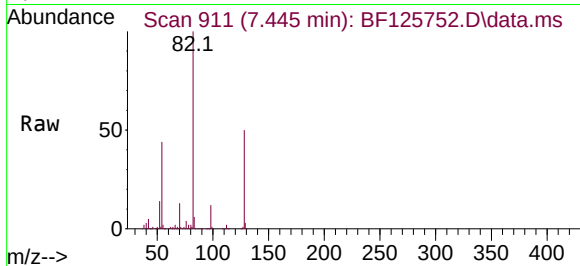
Tgt Ion: 77 Resp: 1675
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



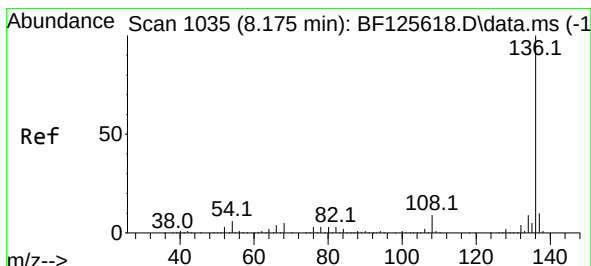
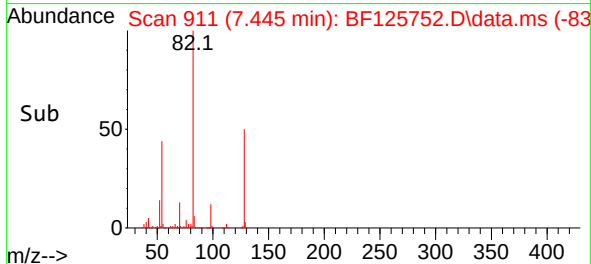
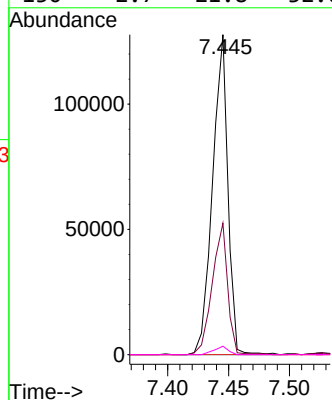


#19
n-Nitroso-di-n-propylamine
Concen: 10.867 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Instrument :
BNA_F
ClientSampleId :
MW-CON

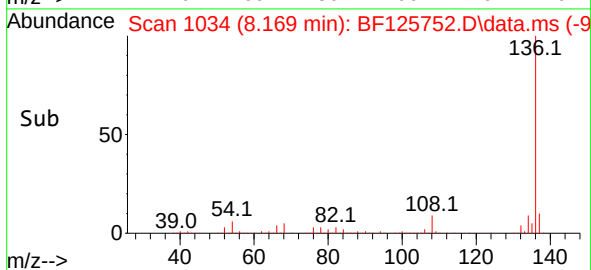
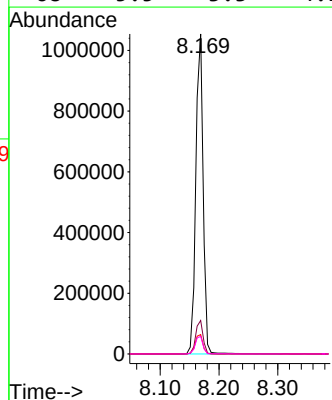
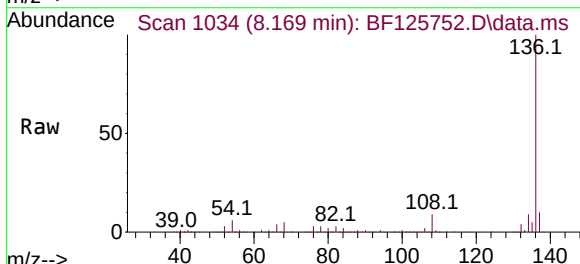


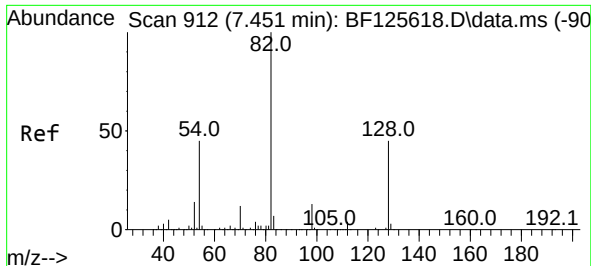
Tgt Ion: 70 Resp: 111540
Ion Ratio Lower Upper
70 100
42 41.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion: 136 Resp: 906177
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.0 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.199 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125752.D

Acq: 1 Oct 2021 15:05

Instrument :

BNA_F

ClientSampleId :

MW-CON

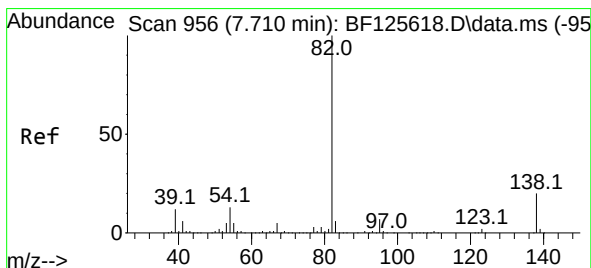
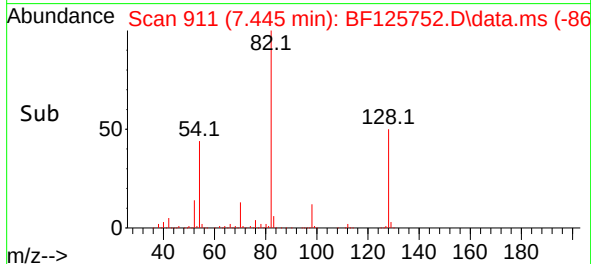
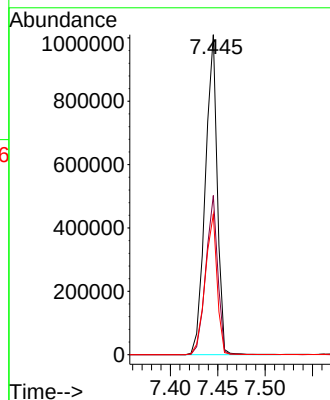
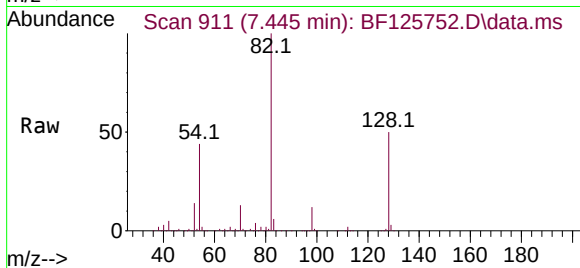
Tgt Ion: 82 Resp: 886030

Ion Ratio Lower Upper

82 100

128 49.7 40.6 60.8

54 43.9 49.6 74.4#



#25

Isophorone

Concen: 30.452 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125752.D

Acq: 1 Oct 2021 15:05

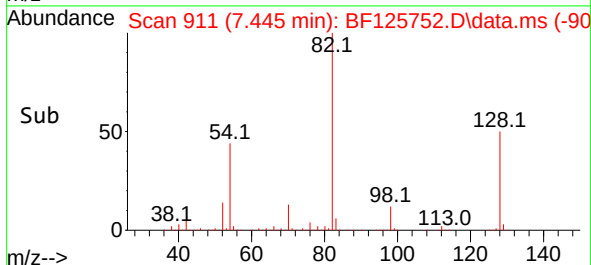
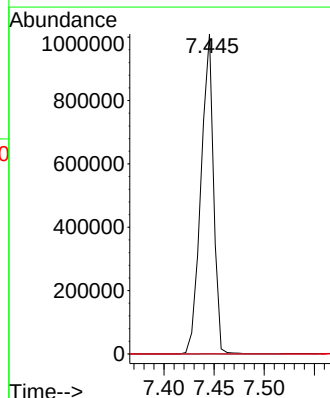
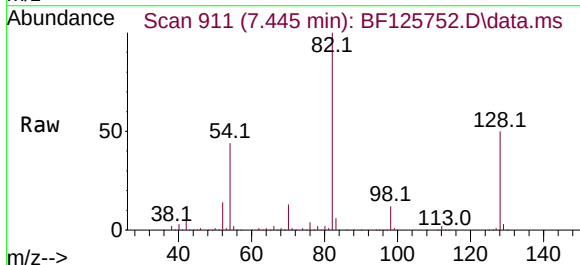
Tgt Ion: 82 Resp: 886022

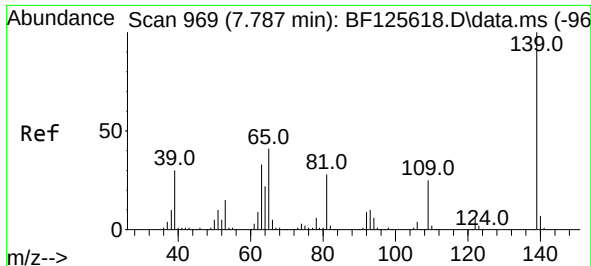
Ion Ratio Lower Upper

82 100

95 0.1 6.5 9.7#

138 0.0 18.4 27.6#

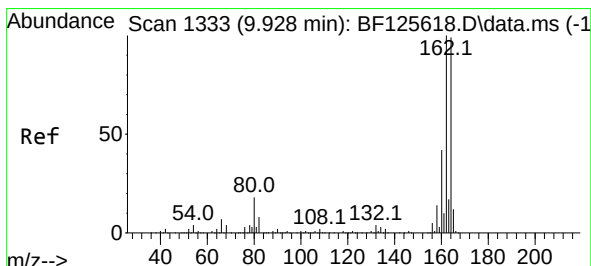
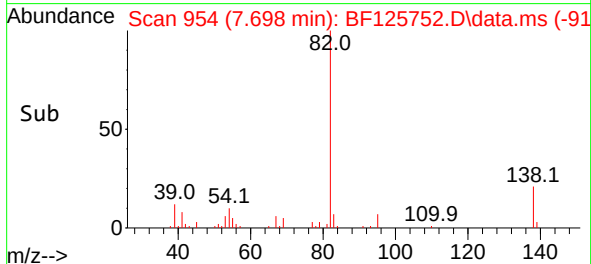
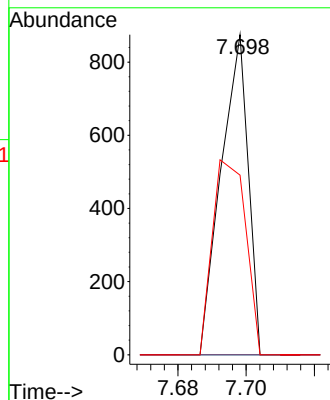
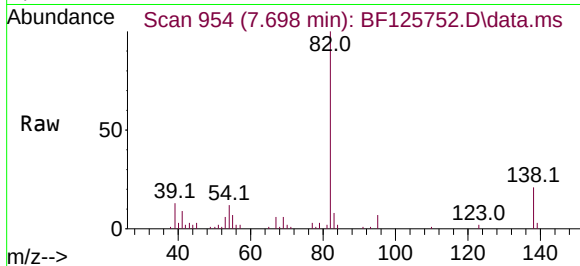




#26
2-Nitrophenol
Concen: 5.795 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.089 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

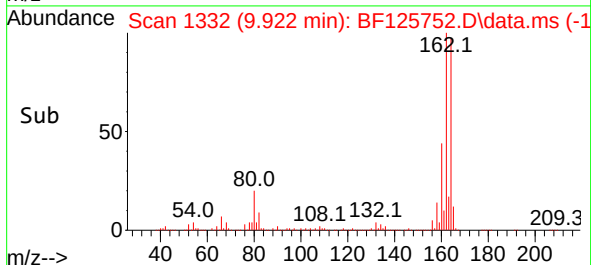
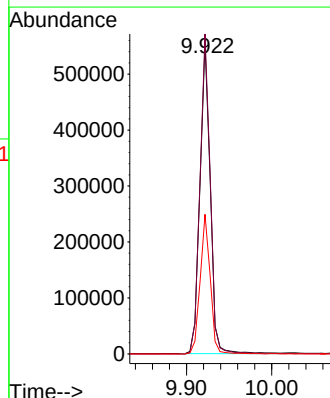
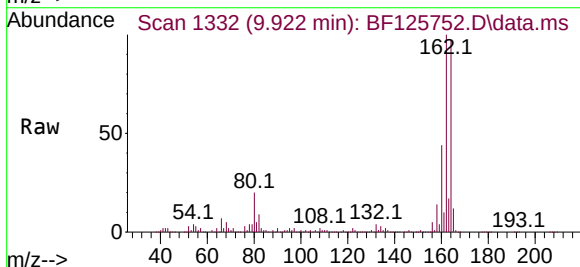
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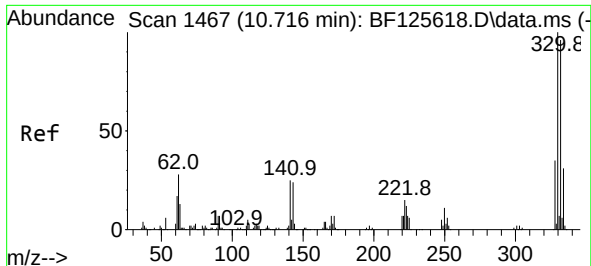
Tgt Ion:139 Resp: 483
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 56.1 31.0 46.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion:164 Resp: 468898
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.9 38.0 57.0

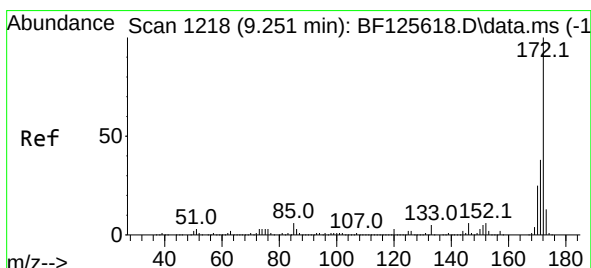
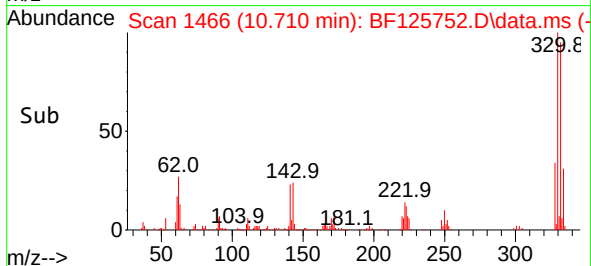
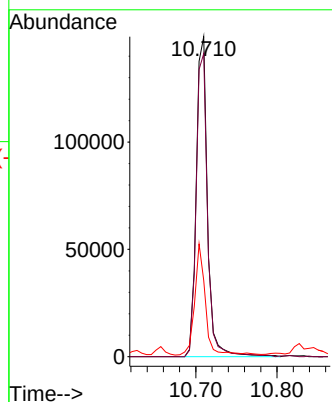
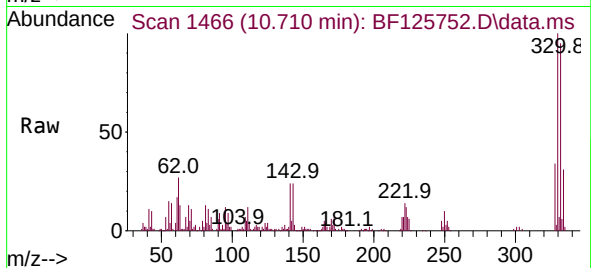




#42
2,4,6-Tribromophenol
Concen: 32.962 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

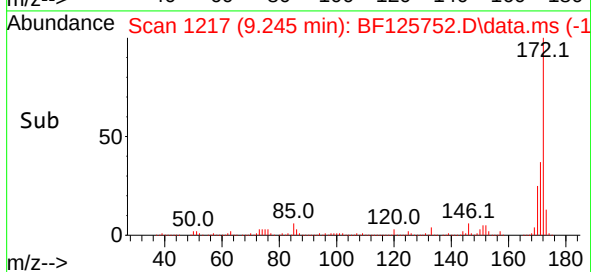
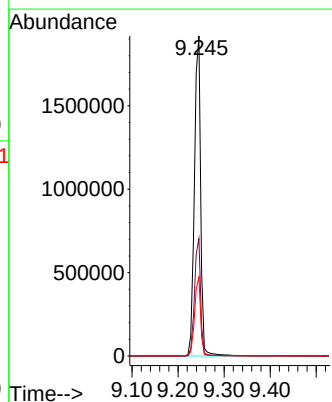
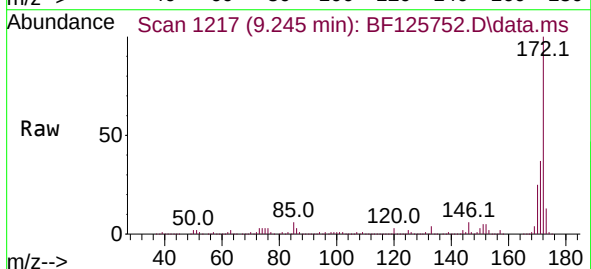
Instrument :
BNA_F
ClientSampleId :
MW-CON

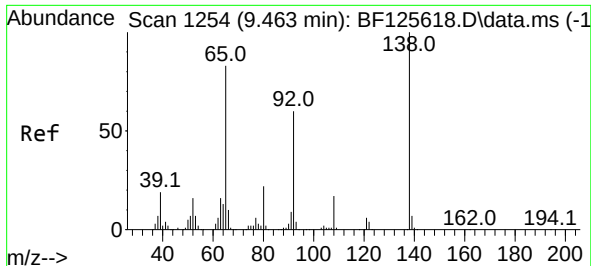
Tgt Ion:330 Resp: 144104
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 33.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.238 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion:172 Resp: 1805596
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.6 18.8 28.2

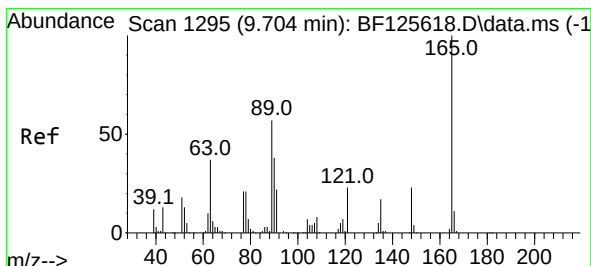
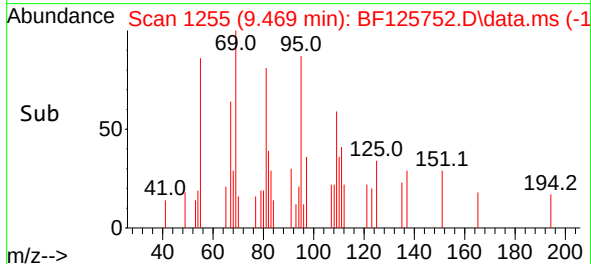
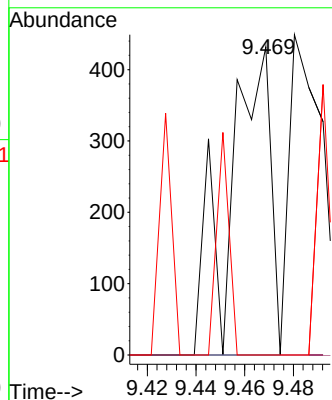
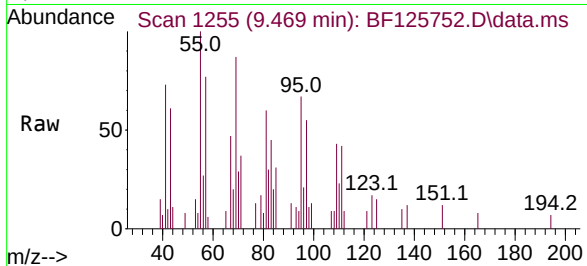




#48
2-Nitroaniline
Concen: 4.226 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

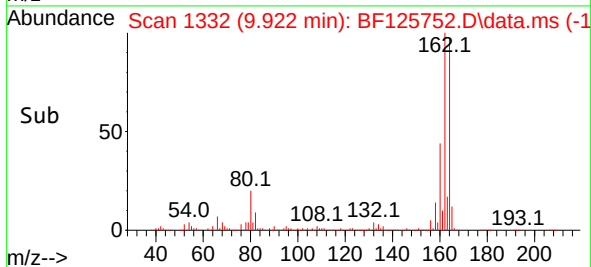
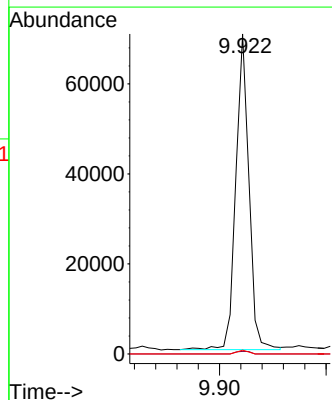
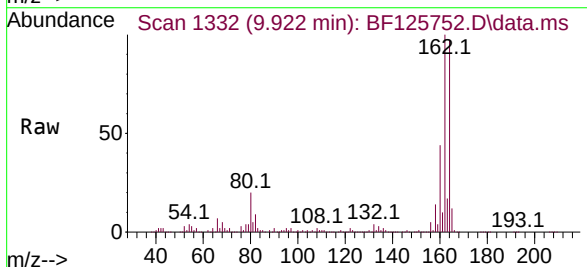
Instrument :
BNA_F
ClientSampleId :
MW-CON

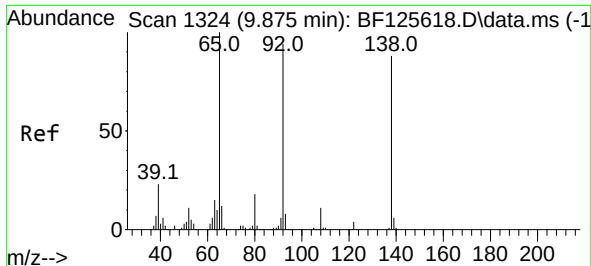
Tgt Ion: 65 Resp: 512
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.662 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion: 165 Resp: 60151
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.2 40.6 60.8#

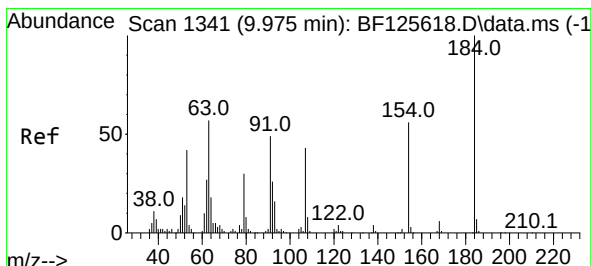
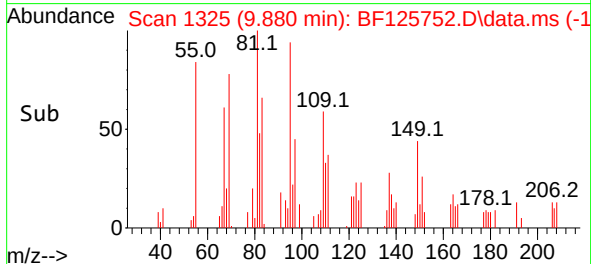
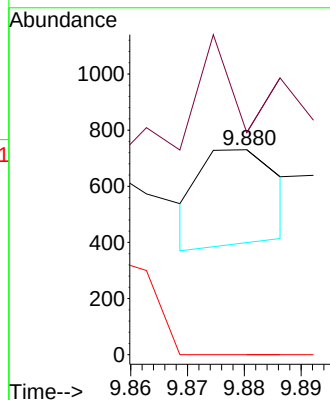
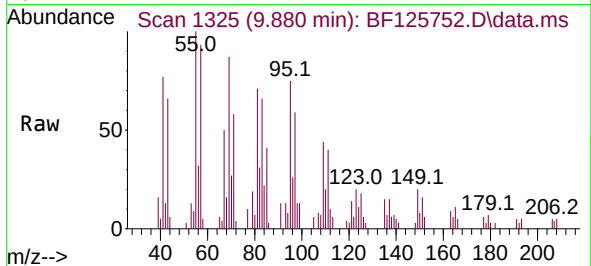




#53
3-Nitroaniline
Concen: 3.184 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.005 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

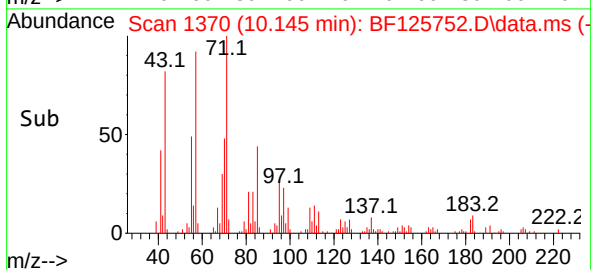
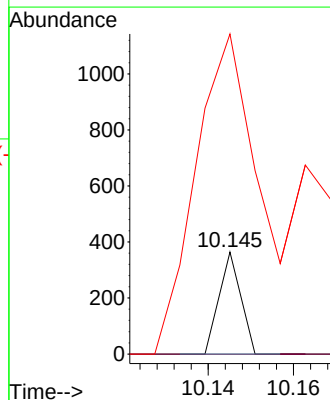
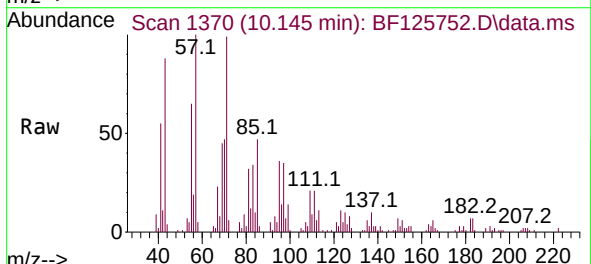
Instrument :
BNA_F
ClientSampleId :
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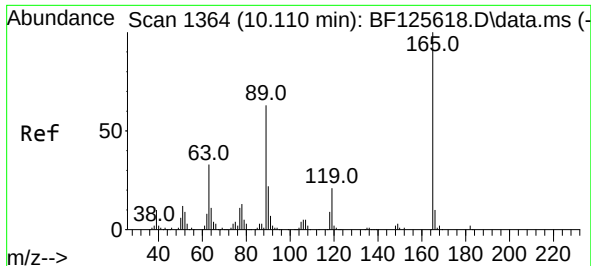
Tgt Ion:138 Resp: 323
Ion Ratio Lower Upper
138 100
108 108.4 9.3 13.9#
92 0.0 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 4.476 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.170 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion:184 Resp: 128
Ion Ratio Lower Upper
184 100
63 0.0 59.3 88.9#
154 314.0 68.6 102.8#

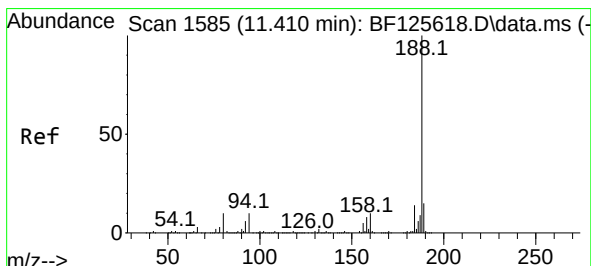
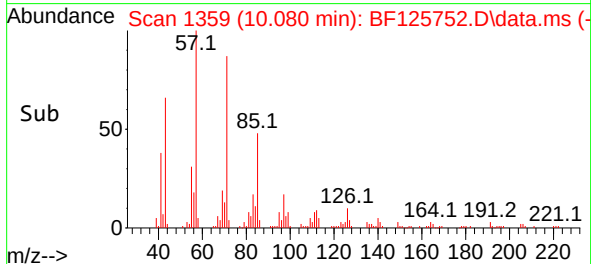
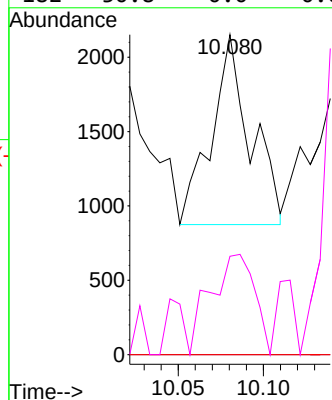
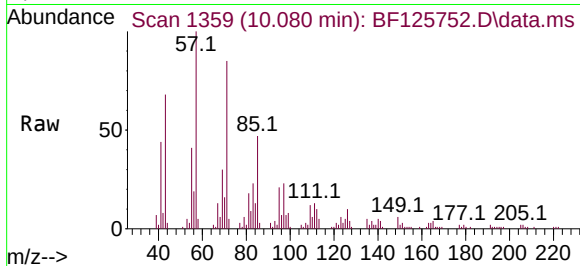




#57
2,4-Dinitrotoluene
Concen: 5.031 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.030 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

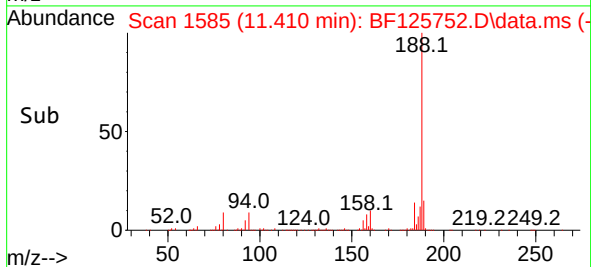
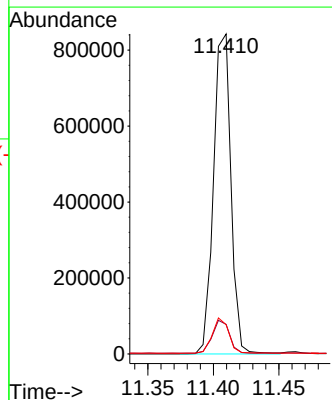
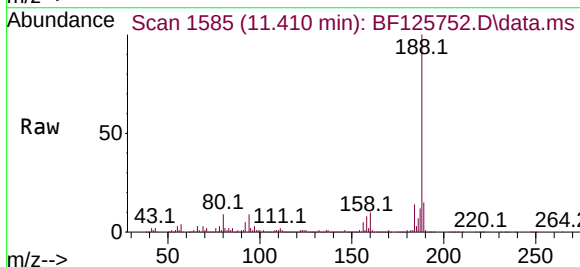
Instrument :
BNA_F
ClientSampleId :
MW-CON

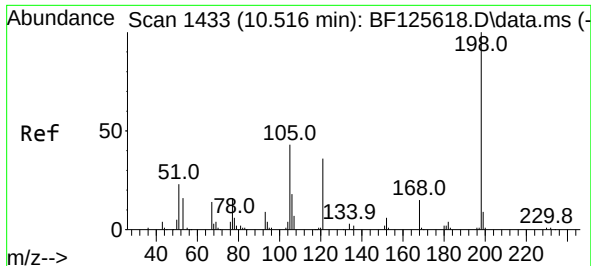
Tgt Ion:165 Resp: 2034
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 30.8 0.0 0.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion:188 Resp: 779713
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 9.1 7.5 11.3

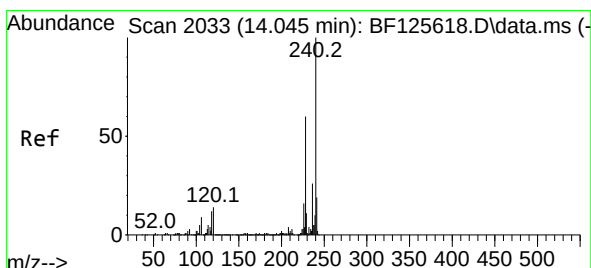
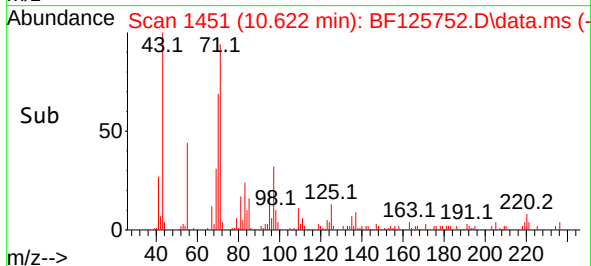
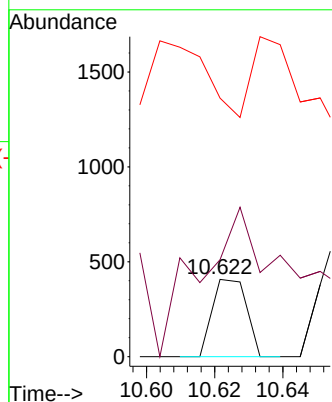
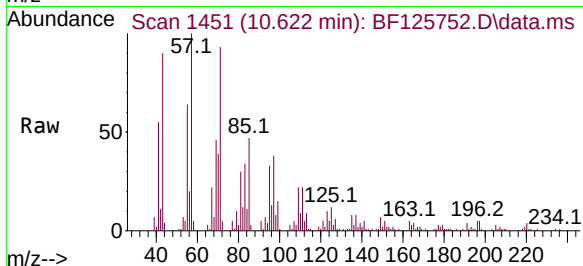




#65
4,6-Dinitro-2-methylphenol
Concen: 9.073 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.106 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

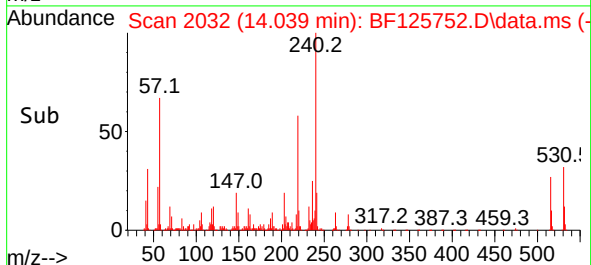
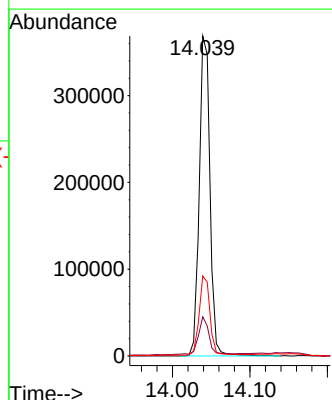
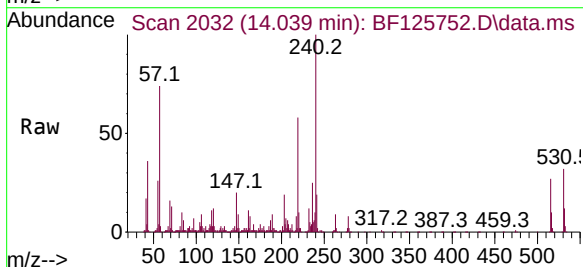
Instrument :
BNA_F
ClientSampleId :
MW-CON

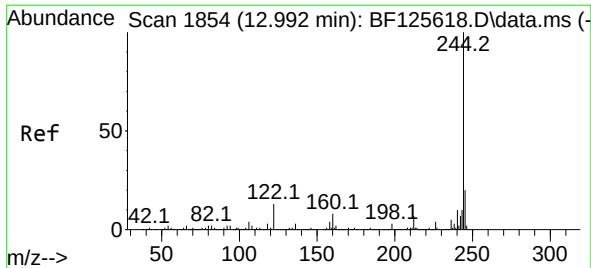
Tgt Ion:198 Resp: 282
Ion Ratio Lower Upper
198 100
51 125.6 45.3 85.3#
105 334.6 30.6 70.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125752.D
Acq: 1 Oct 2021 15:05

Tgt Ion:240 Resp: 352526
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.0 21.6 32.4

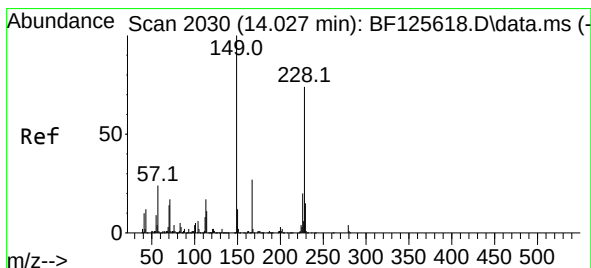
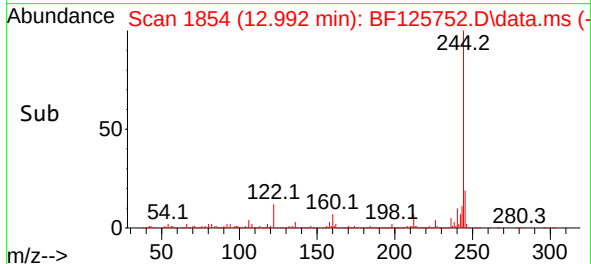
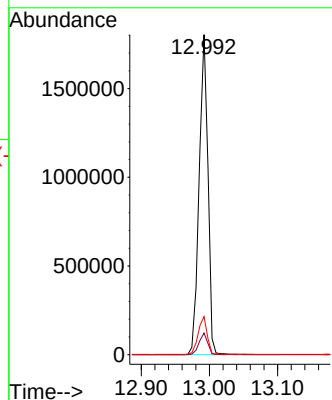
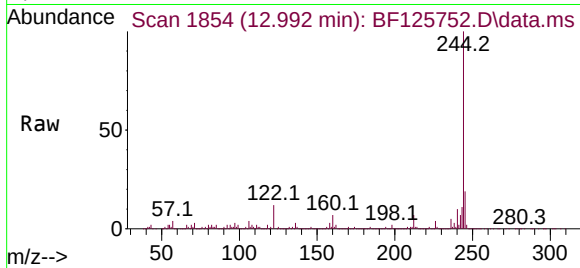




#79
 Terphenyl-d14
 Concen: 79.498 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125752.D
 Acq: 1 Oct 2021 15:05

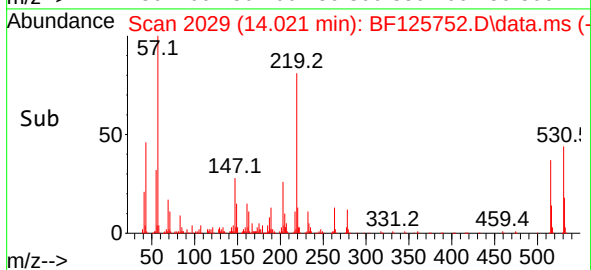
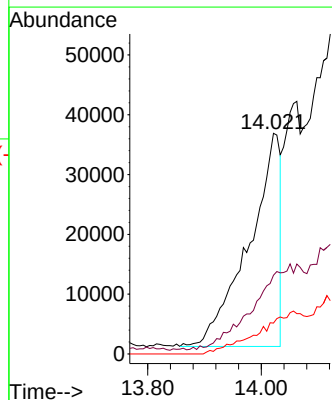
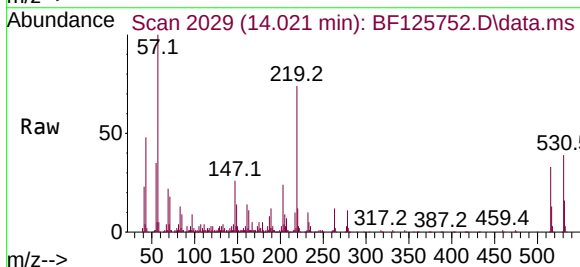
Instrument :
 BNA_F
 ClientSampleId :
 MW-CON

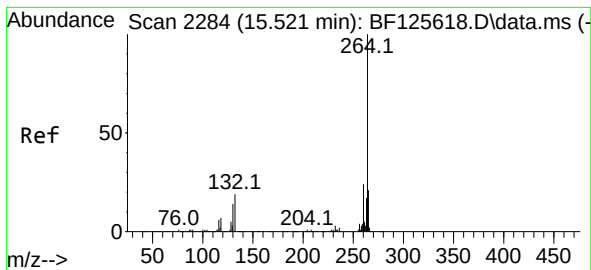
Tgt Ion:244 Resp: 1618303
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 11.9 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.310 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF125752.D
 Acq: 1 Oct 2021 15:05

Tgt Ion:149 Resp: 136602
 Ion Ratio Lower Upper
 149 100
 167 35.7 21.4 32.0#
 279 14.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125752.D
 Acq: 1 Oct 2021 15:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-CON

Tgt Ion:264 Resp: 459752

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.0	17.2	25.8

