

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125738.D
 Acq On : 30 Sep 2021 17:40
 Operator : JU/CG
 Sample : M3986-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Sep 30 18:08:00 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)

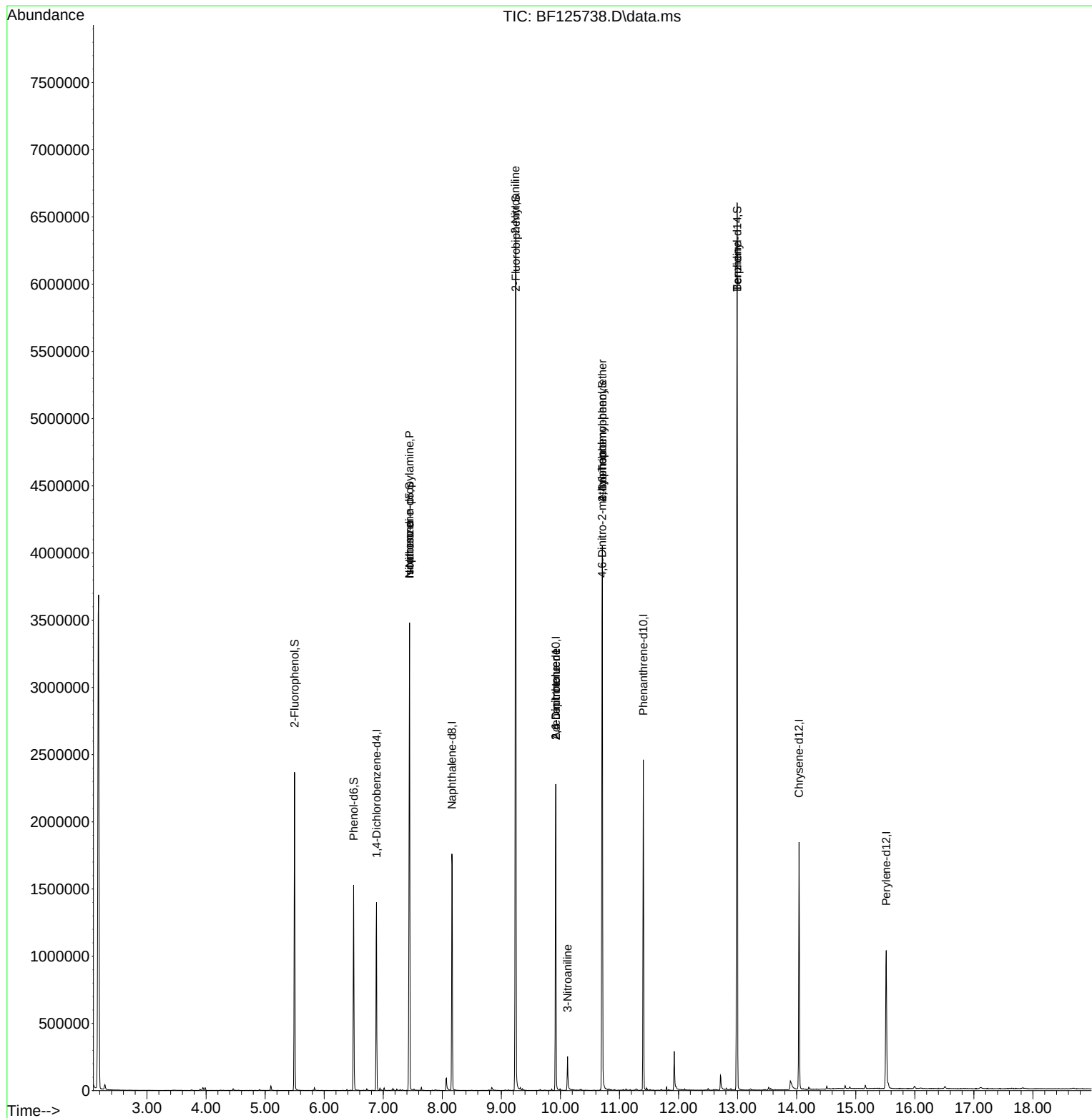
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	208872	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	852423	20.000	ng	#-0.01
39) Acenaphthene-d10	9.922	164	458454	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	823092	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	574617	20.000	ng	0.00
86) Perylene-d12	15.515	264	465027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	683743	53.933	ng	0.00
7) Phenol-d6	6.498	99	482941	28.335	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1170259	95.757	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	593340	138.810	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2245239	88.558	ng	0.00
79) Terphenyl-d14	12.992	244	2428158	73.179	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	187	Below Cal	#	29
19) n-Nitroso-di-n-propyla...	7.445	70	148314	15.283	ng	# 50
25) Isophorone	7.445	82	1170247	42.757	ng	# 59
48) 2-Nitroaniline	9.239	65	2795	4.544	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	59381	12.745	ng	# 27
53) 3-Nitroaniline	10.122	138	878	3.257	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	59381	11.612	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	1219	9.260	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	32420	3.753	ng	# 1
77) Benzidine	12.992	184	30282	2.006	ng	96

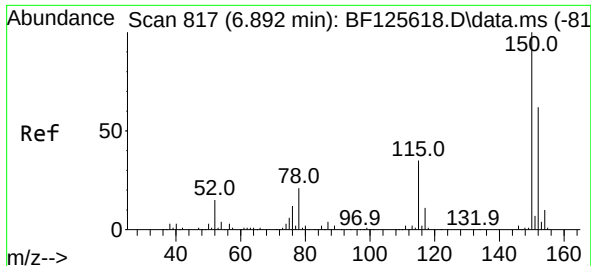
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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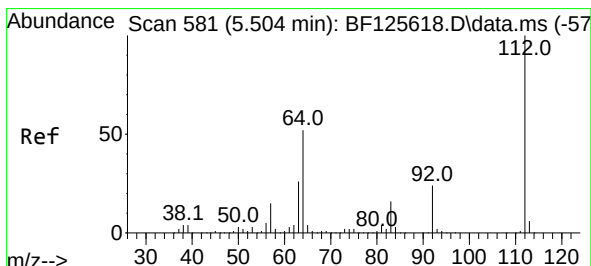
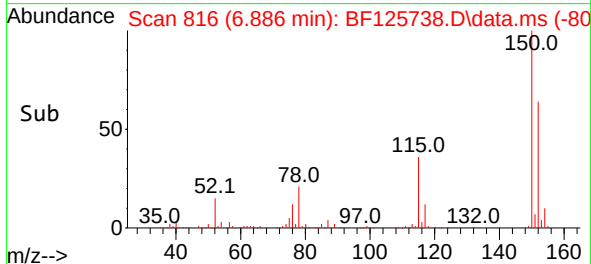
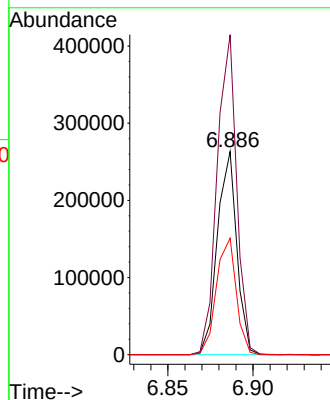
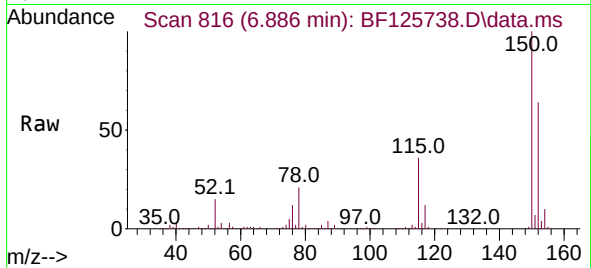




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

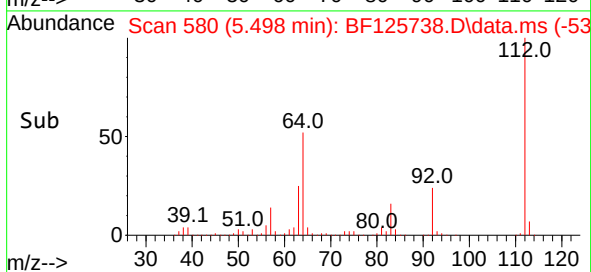
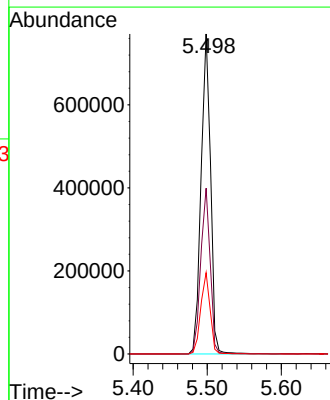
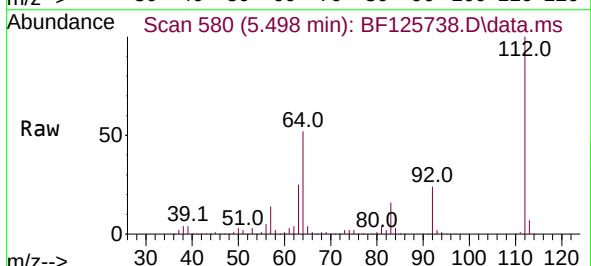
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

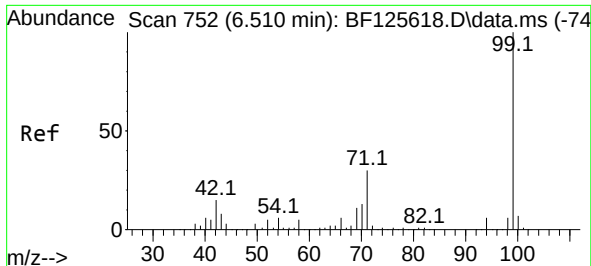
Tgt Ion:152 Resp: 208872
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 57.4 47.1 70.7



#5
2-Fluorophenol
Concen: 53.933 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Tgt Ion:112 Resp: 683743
Ion Ratio Lower Upper
112 100
64 51.8 44.2 66.2
63 25.4 26.2 39.2#

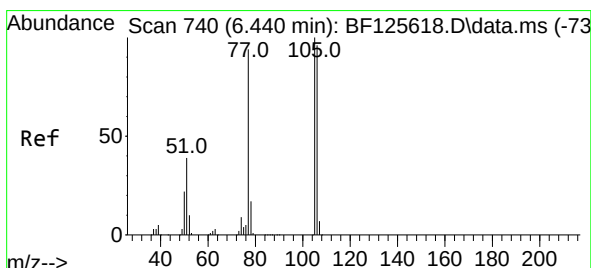
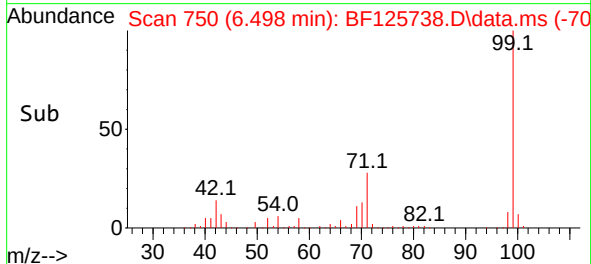
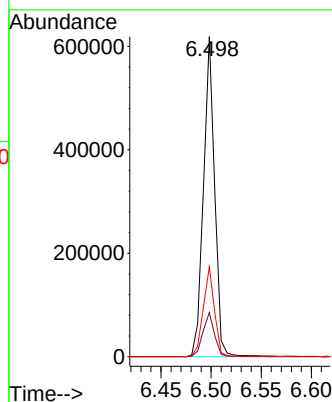
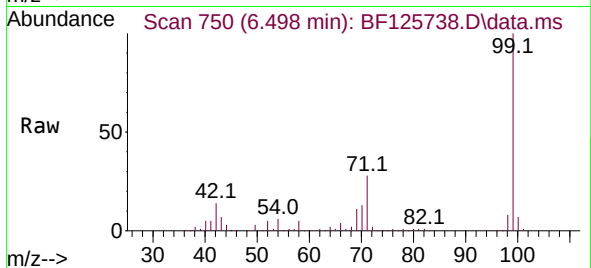




#7
Phenol-d6
Concen: 28.335 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

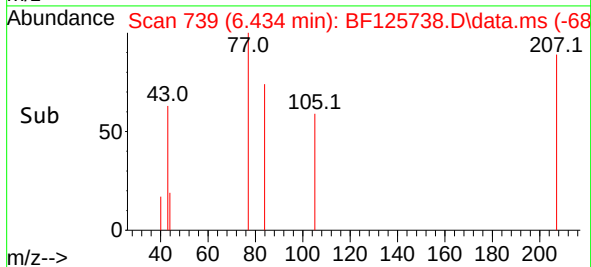
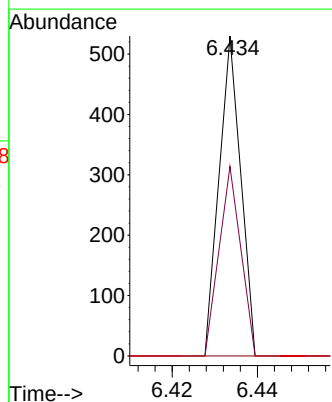
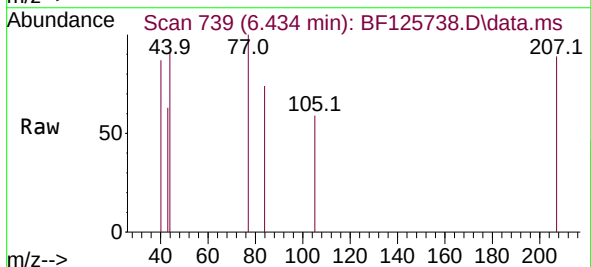
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

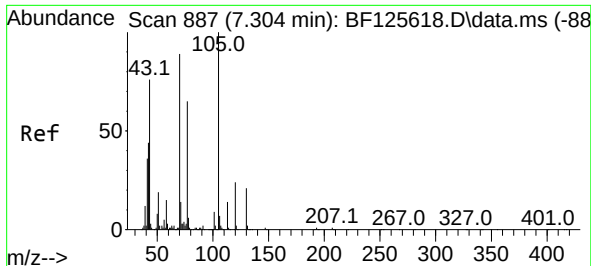
Tgt Ion: 99 Resp: 482941
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 28.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

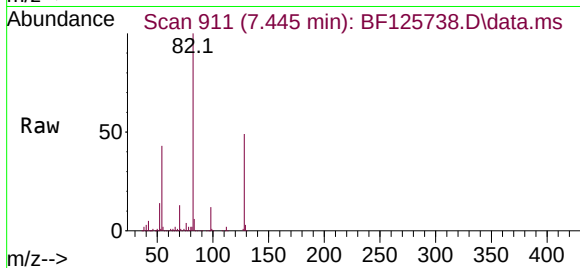
Tgt Ion: 77 Resp: 187
Ion Ratio Lower Upper
77 100
105 59.2 75.9 115.9#
106 0.0 84.0 124.0#



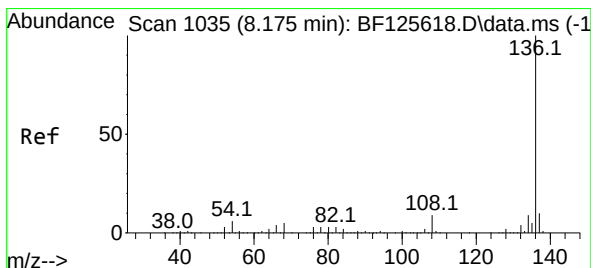
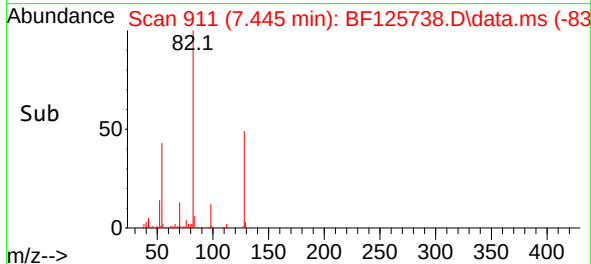
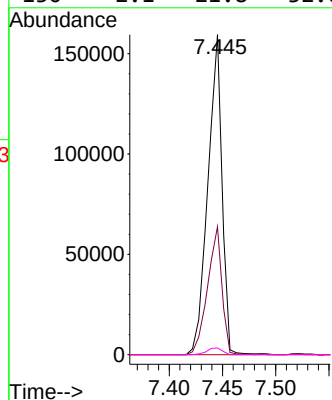


#19
n-Nitroso-di-n-propylamine
Concen: 15.283 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

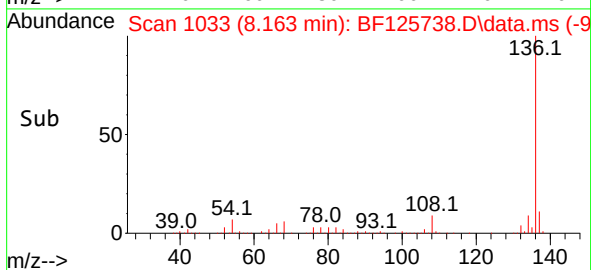
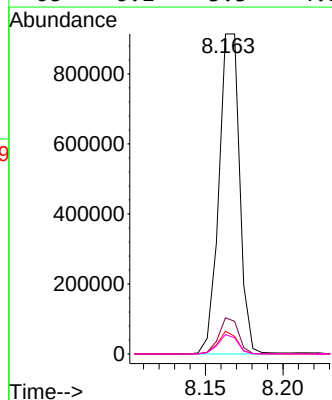
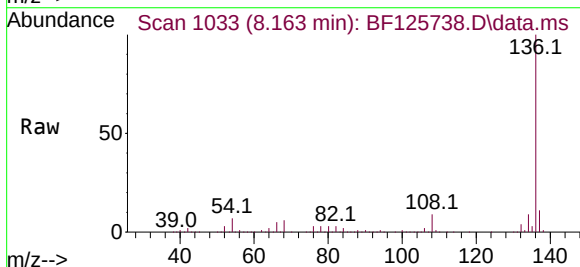


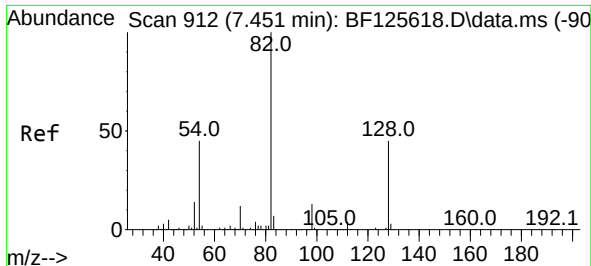
Tgt Ion: 70 Resp: 148314
Ion Ratio Lower Upper
70 100
42 40.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Tgt Ion: 136 Resp: 852423
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 7.1 6.4 9.6
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 95.757 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125738.D

Acq: 30 Sep 2021 17:40

Instrument :

BNA_F

ClientSampleId :

SW-RR-01-(2.0)

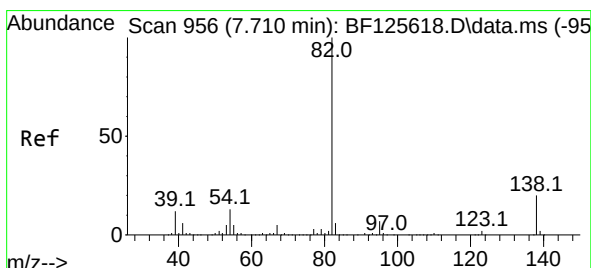
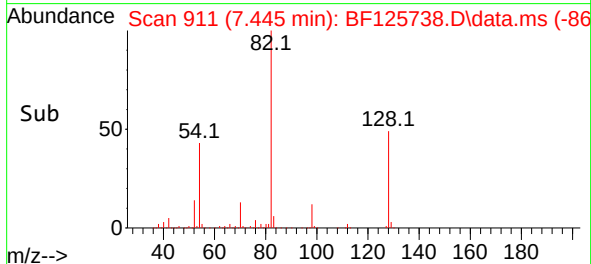
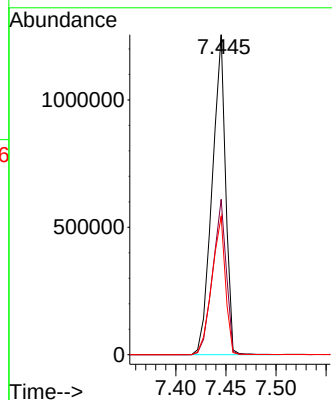
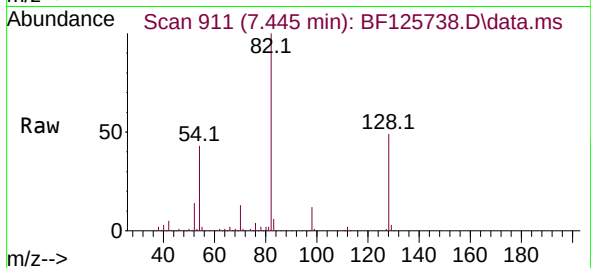
Tgt Ion: 82 Resp: 1170259

Ion Ratio Lower Upper

82 100

128 48.5 40.6 60.8

54 43.2 49.6 74.4#



#25

Isophorone

Concen: 42.757 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125738.D

Acq: 30 Sep 2021 17:40

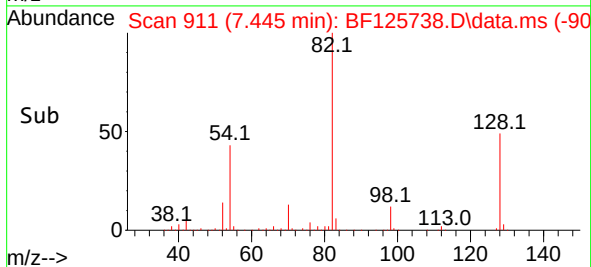
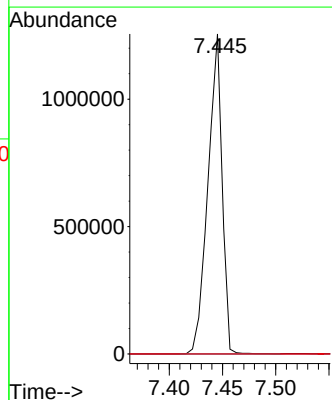
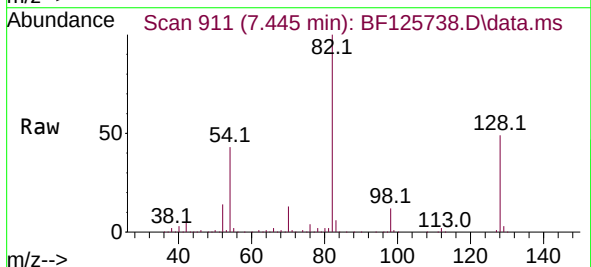
Tgt Ion: 82 Resp: 1170247

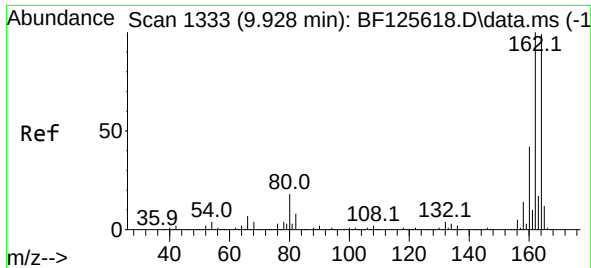
Ion Ratio Lower Upper

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: BF125738.D

Acq: 30 Sep 2021 17:40

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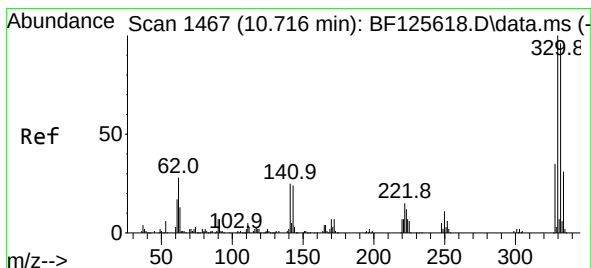
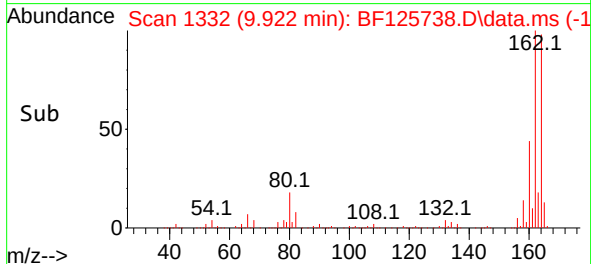
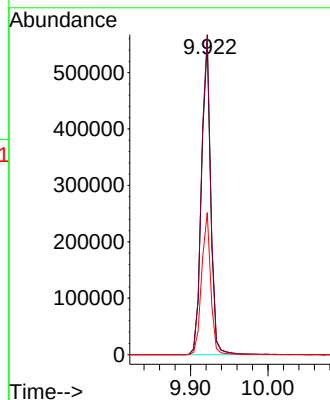
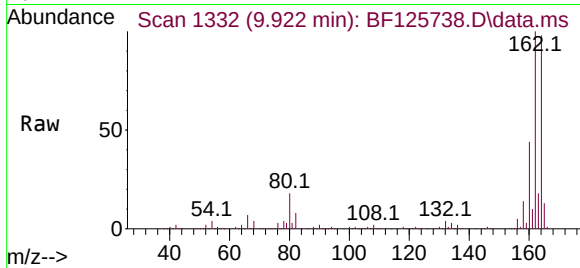
Tgt Ion:164 Resp: 458454

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

160 45.4 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 138.810 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125738.D

Acq: 30 Sep 2021 17:40

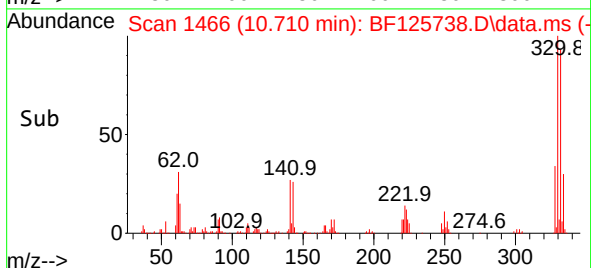
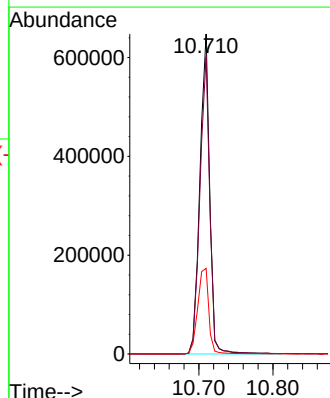
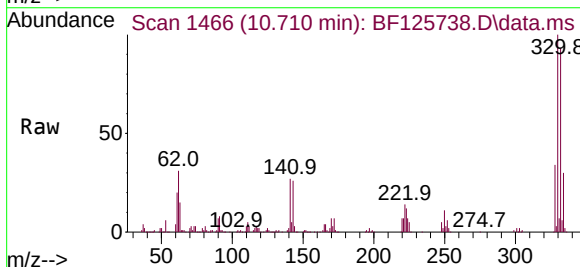
Tgt Ion:330 Resp: 593340

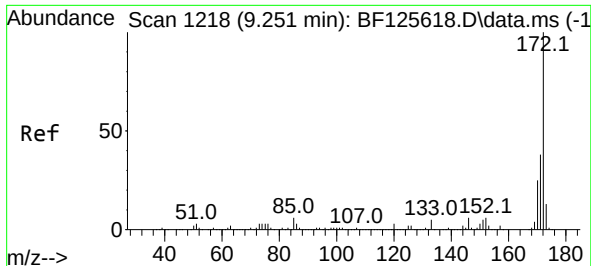
Ion Ratio Lower Upper

330 100

332 93.8 76.2 114.4

141 30.3 44.6 66.8#

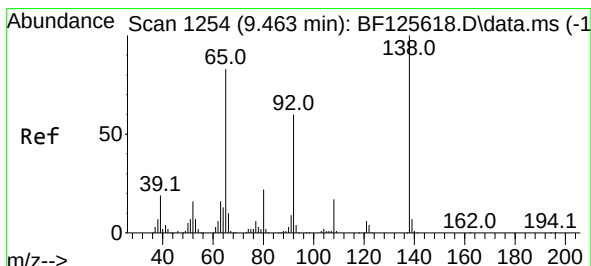
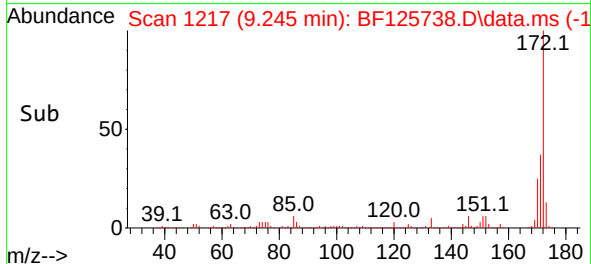
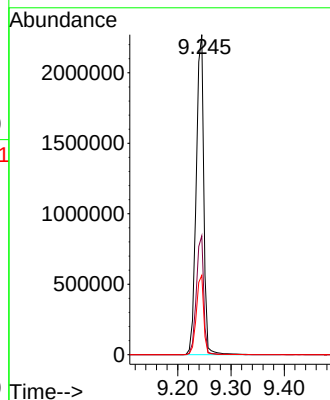
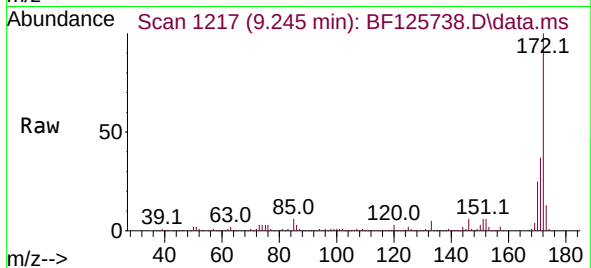




#45
2-Fluorobiphenyl
Concen: 88.558 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

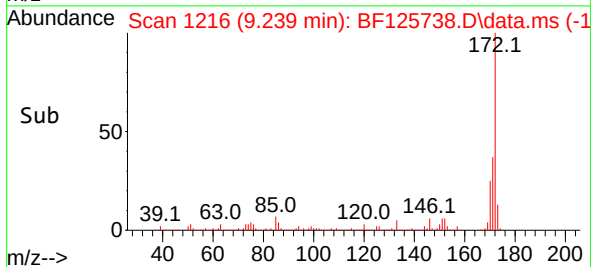
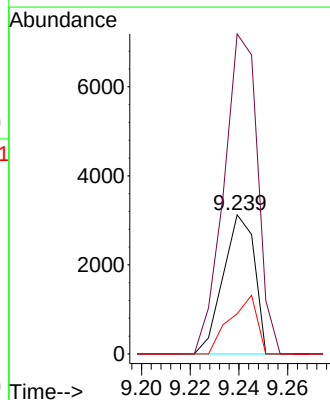
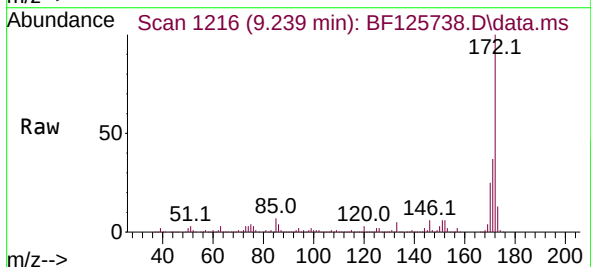
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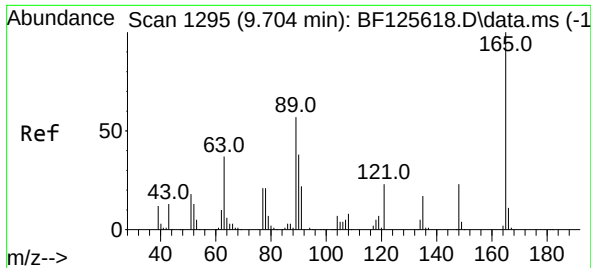
Tgt Ion:172 Resp: 2245239
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.544 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Tgt Ion: 65 Resp: 2795
Ion Ratio Lower Upper
65 100
92 229.9 55.5 83.3#
138 28.8 93.5 140.3#

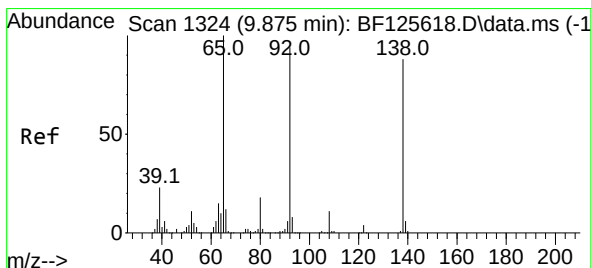
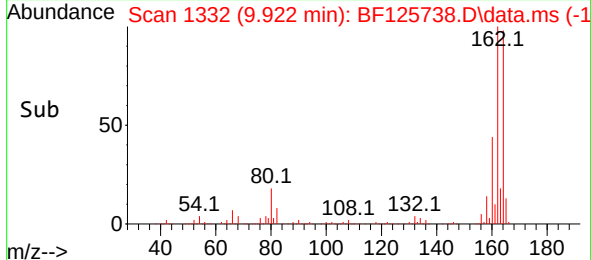
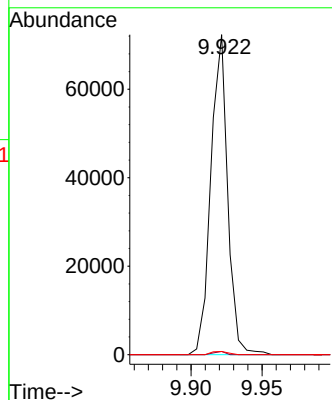
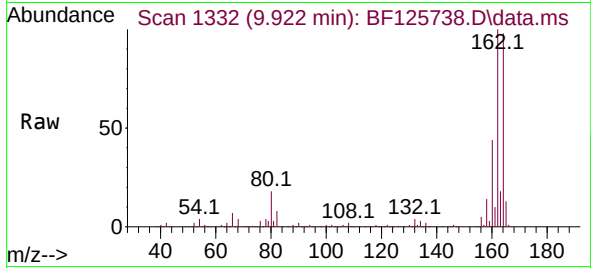




#51
2,6-Dinitrotoluene
Concen: 12.745 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

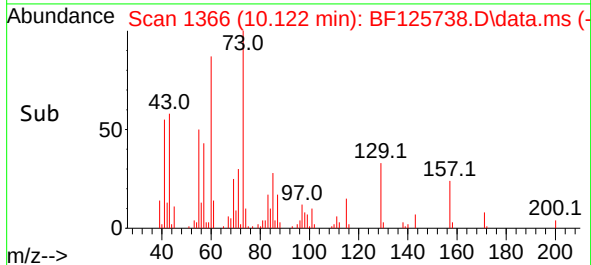
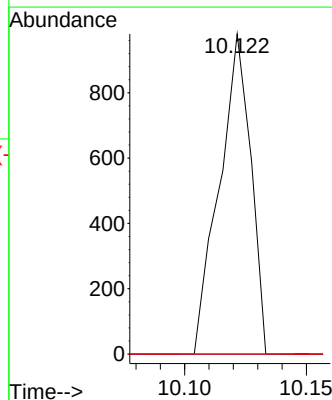
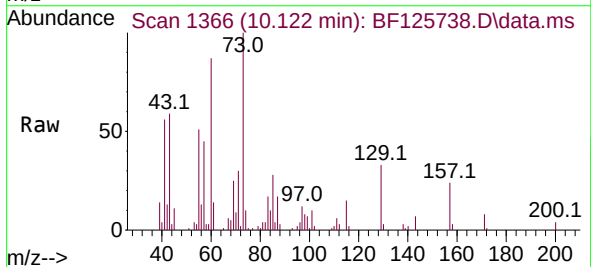
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

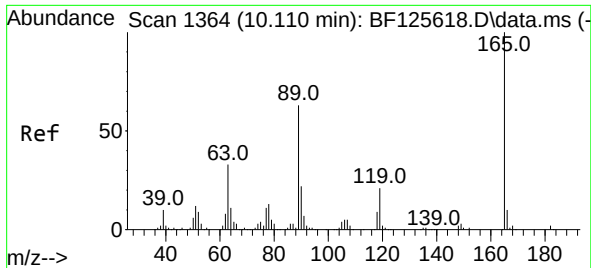
Tgt Ion:165 Resp: 59381
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.257 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.247 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Tgt Ion:138 Resp: 878
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#

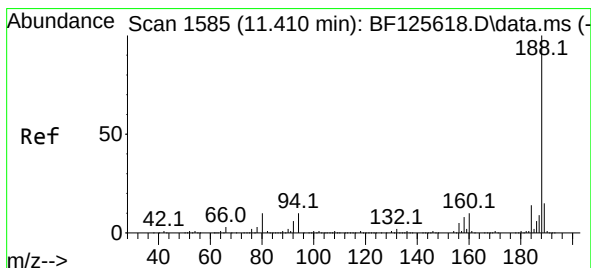
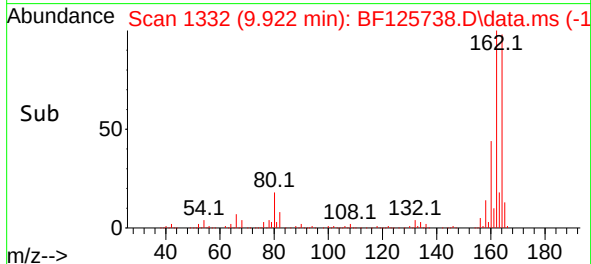
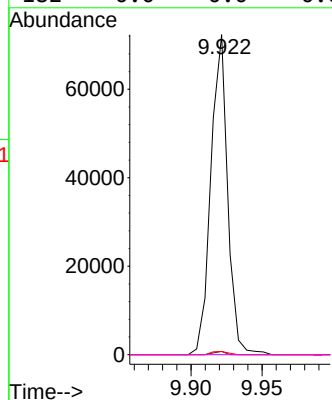
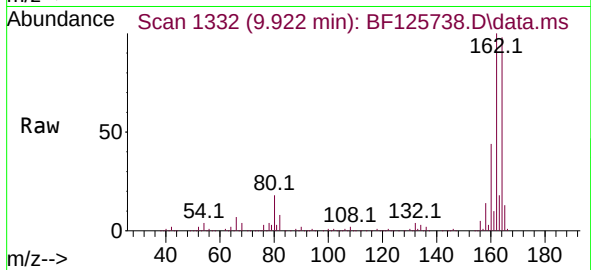




#57
2,4-Dinitrotoluene
Concen: 11.612 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

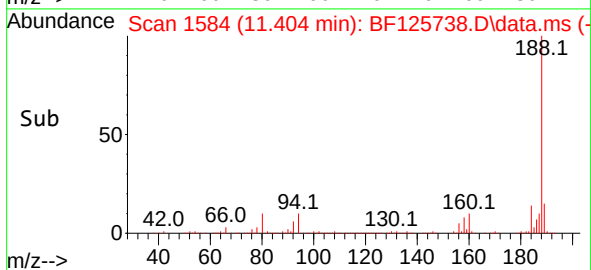
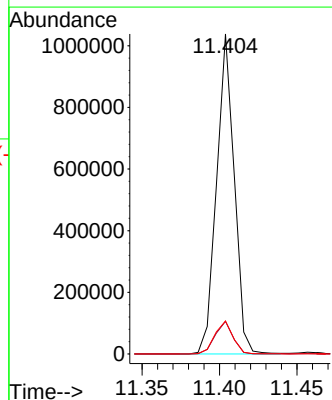
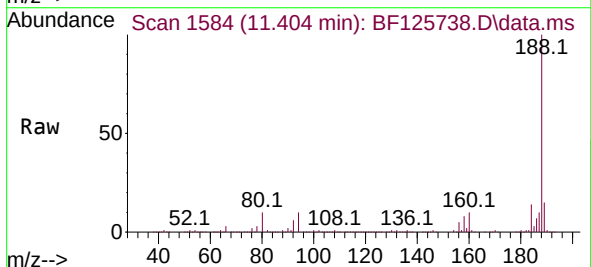
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

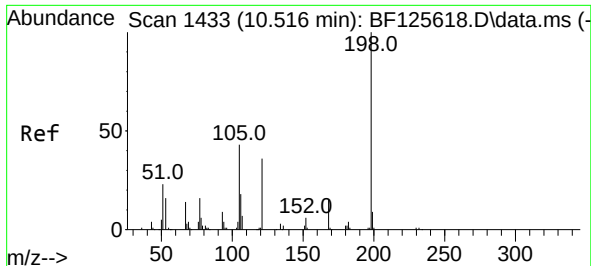
Tgt Ion:165	Resp:	59381
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Tgt Ion:188	Resp:	823092
Ion Ratio	Lower	Upper
188	100	
94	10.2	6.7 10.1#
80	10.3	7.5 11.3

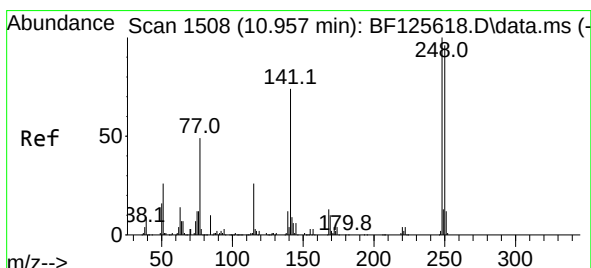
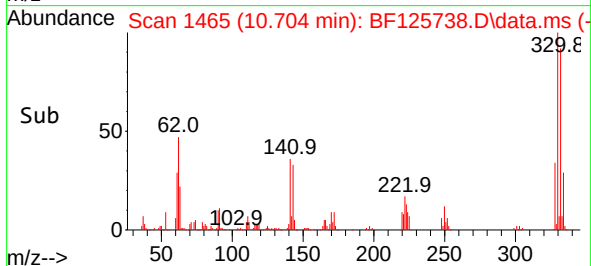
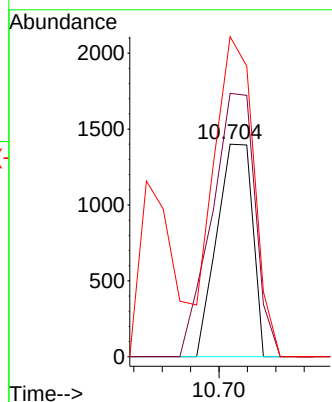
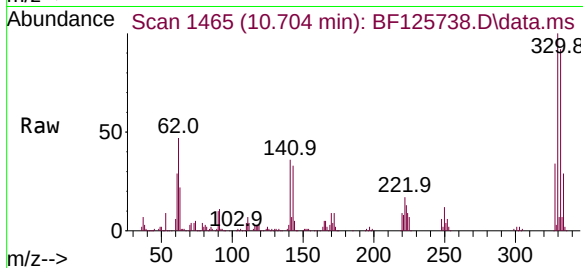




#65
4,6-Dinitro-2-methylphenol
Concen: 9.260 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

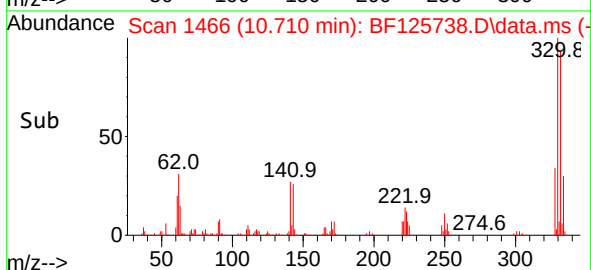
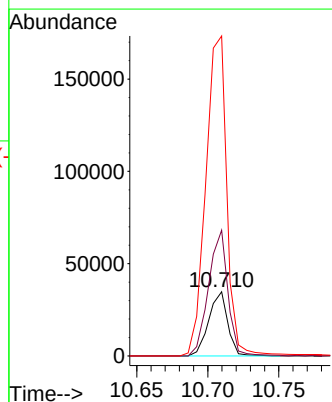
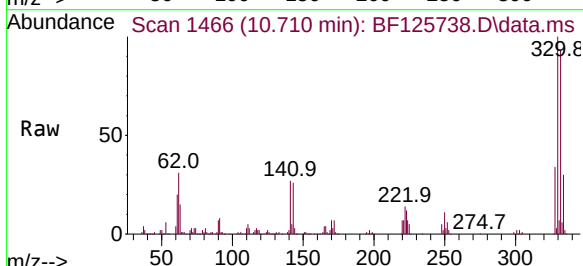
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

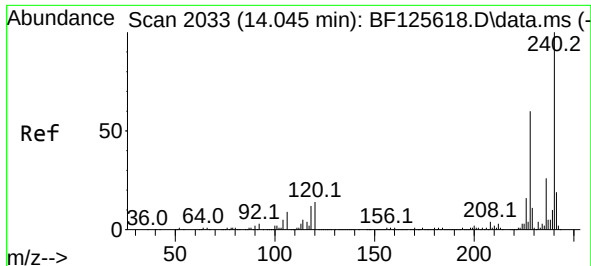
Tgt Ion:198 Resp: 1219
Ion Ratio Lower Upper
198 100
51 124.0 45.3 85.3#
105 150.6 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.753 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Tgt Ion:248 Resp: 32420
Ion Ratio Lower Upper
248 100
250 195.9 74.2 111.4#
141 498.3 60.4 90.6#

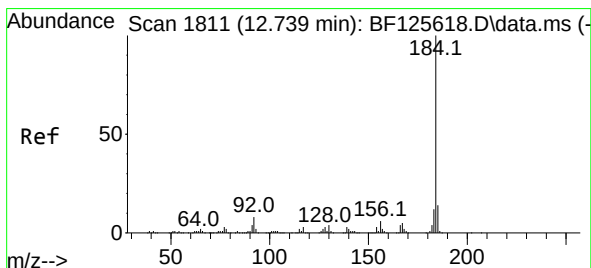
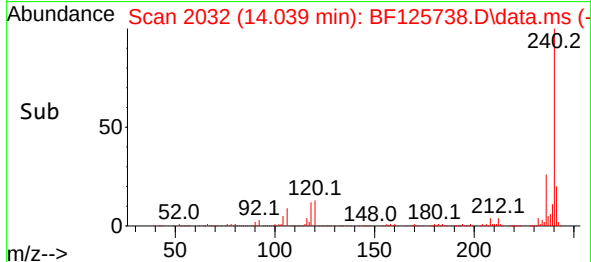
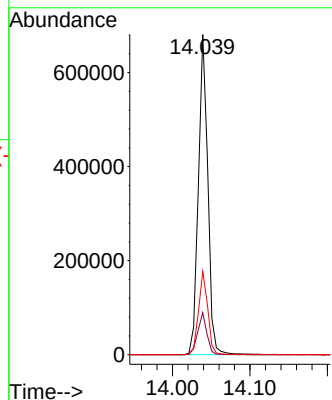
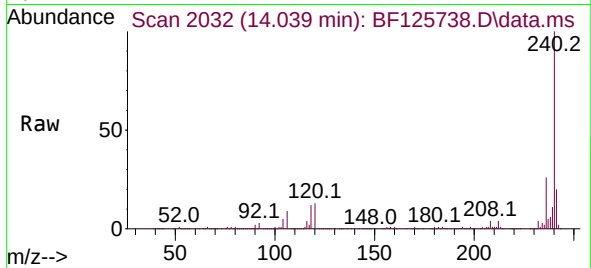




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

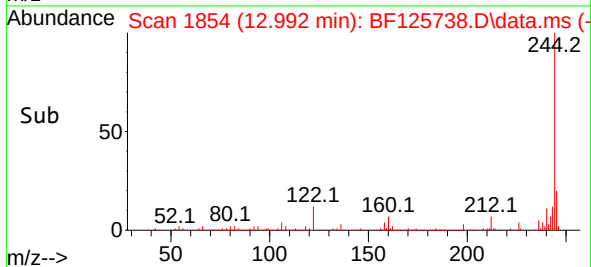
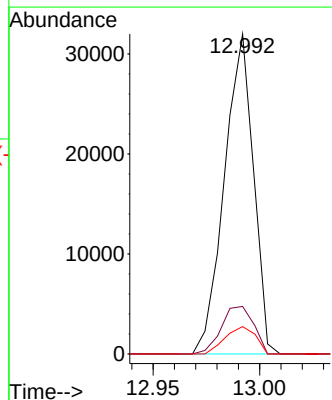
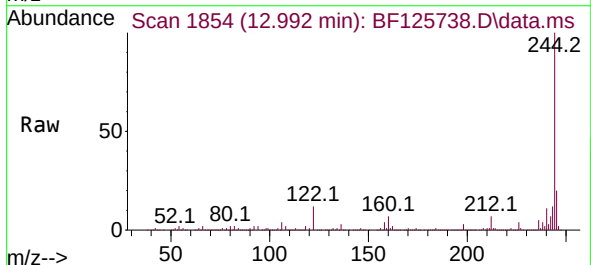
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

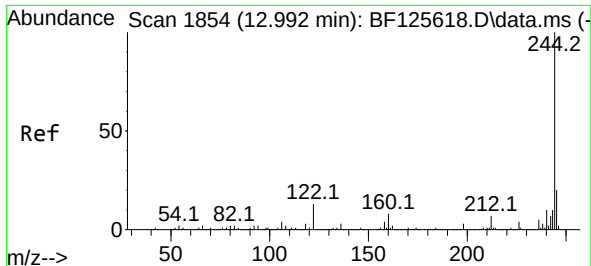
Tgt Ion:240 Resp: 574617
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 26.1 21.6 32.4



#77
Benzidine
Concen: 2.006 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125738.D
Acq: 30 Sep 2021 17:40

Tgt Ion:184 Resp: 30282
Ion Ratio Lower Upper
184 100
185 14.9 10.8 16.2
183 8.5 8.1 12.1

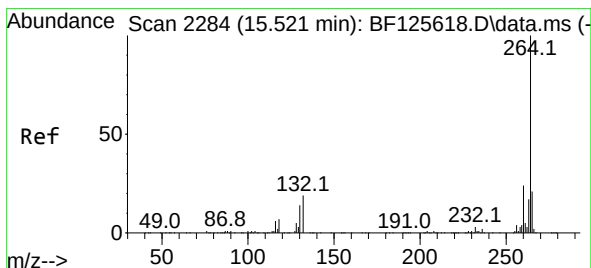
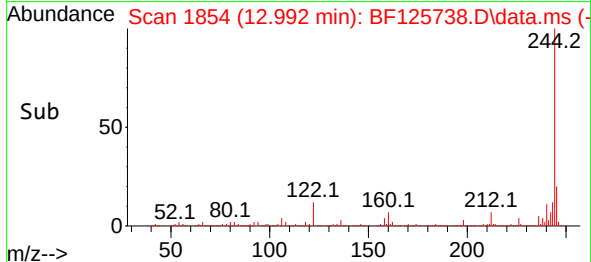
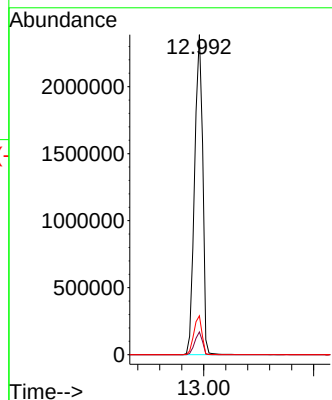
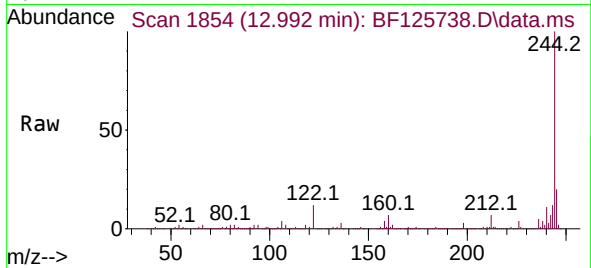




#79
 Terphenyl-d14
 Concen: 73.179 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125738.D
 Acq: 30 Sep 2021 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-01-(2.0)

Tgt Ion:244 Resp: 2428158
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.2 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: BF125738.D
 Acq: 30 Sep 2021 17:40

Tgt Ion:264 Resp: 465027
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.3 17.2 25.8

