

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125695.D
 Acq On : 28 Sep 2021 18:33
 Operator : JU/CG
 Sample : M3953-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 29 02:20:21 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)

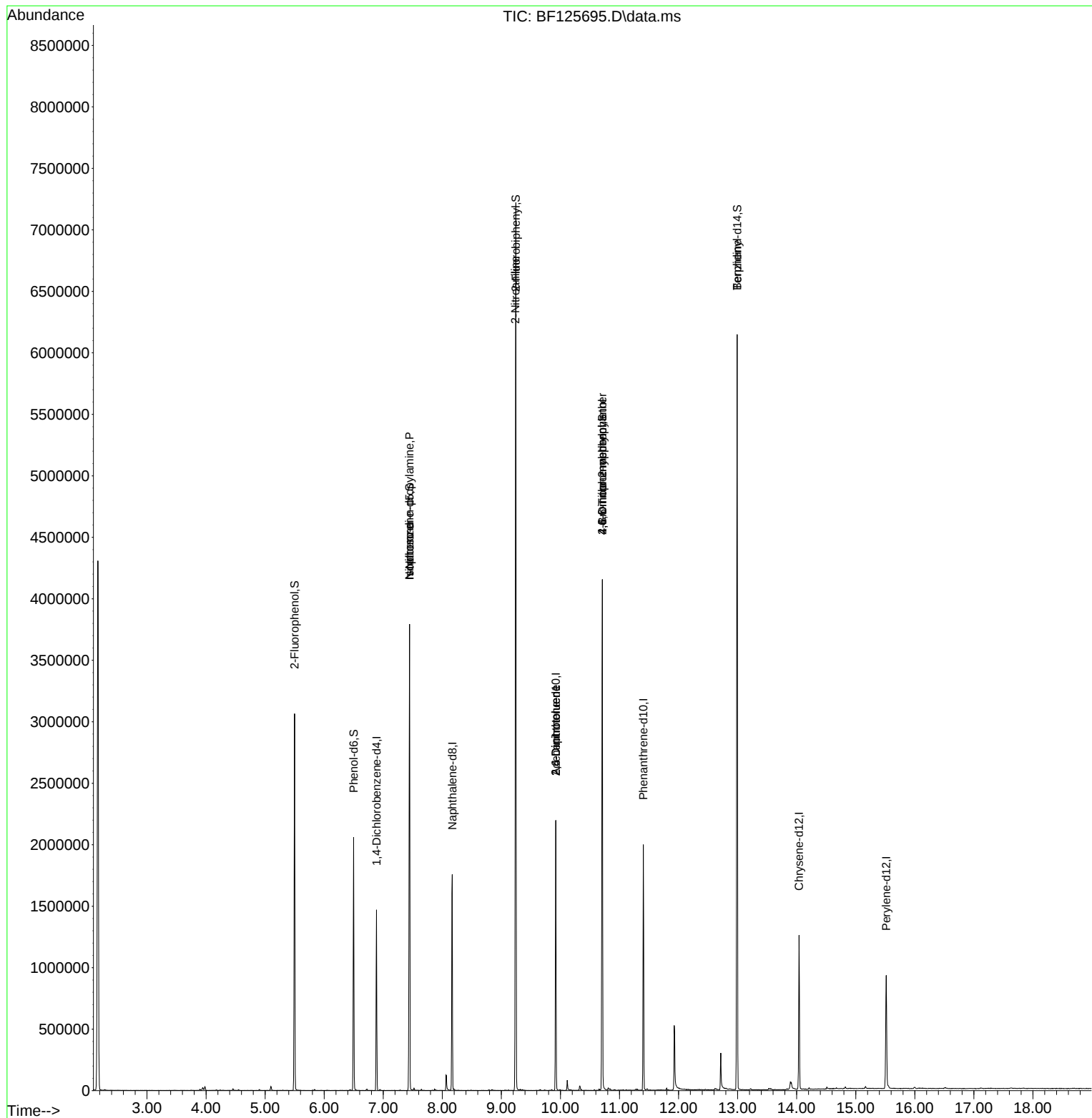
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	201127	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	817753	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	413576	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	681482	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	403828	20.000	ng	0.00
86) Perylene-d12	15.515	264	409672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	866538	70.984	ng	0.00
7) Phenol-d6	6.498	99	644120	39.247	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1253700	106.934	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	541335	140.386	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2261552	100.731	ng	0.00
79) Terphenyl-d14	12.992	244	2137379	91.659	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	787	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	158600	16.973	ng	# 51
25) Isophorone	7.445	82	1251479	47.664	ng	# 59
48) 2-Nitroaniline	9.239	65	3417	4.681	ng	# 7
51) 2,6-Dinitrotoluene	9.922	165	52325	12.545	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	52325	11.454	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1143	9.293	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30381	4.248	ng	# 1
77) Benzidine	12.992	184	27389	2.582	ng	# 94

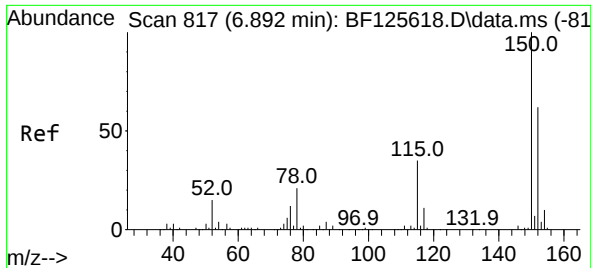
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125695.D
Acq On : 28 Sep 2021 18:33
Operator : JU/CG
Sample : M3953-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 29 02:20:21 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

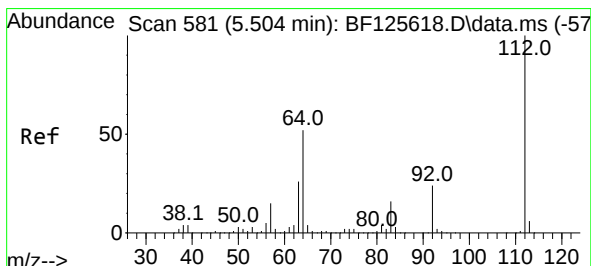
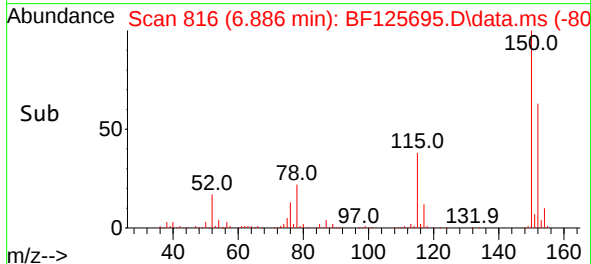
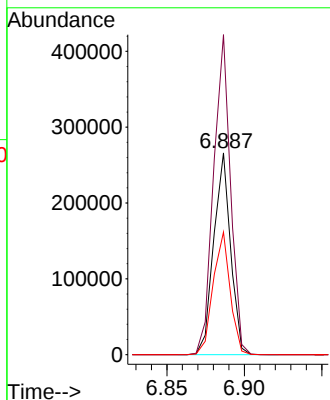
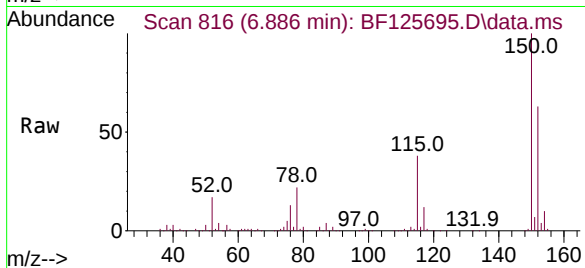




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

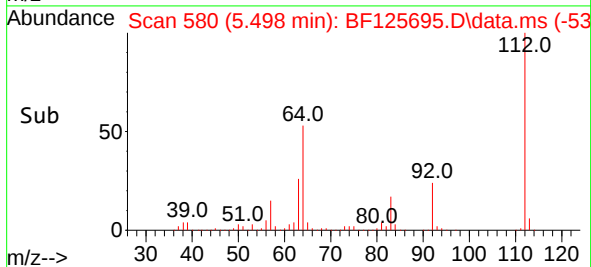
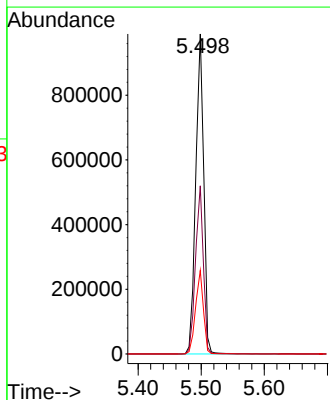
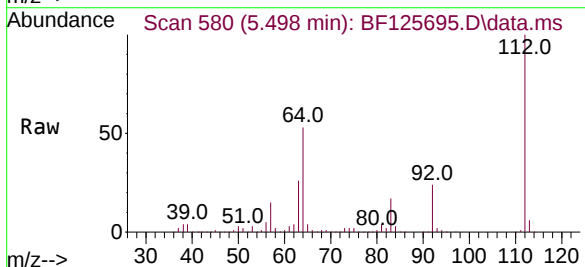
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

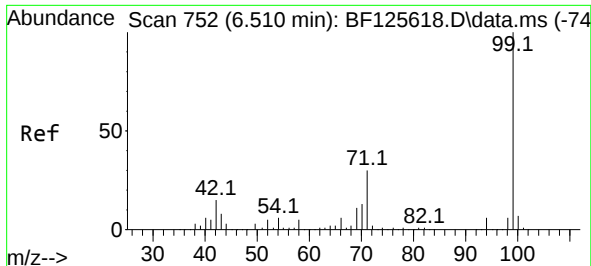
Tgt Ion:152 Resp: 201127
Ion Ratio Lower Upper
152 100
150 158.7 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 70.984 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion:112 Resp: 866538
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 26.1 26.2 39.2#

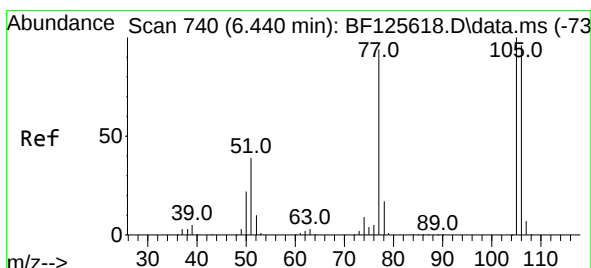
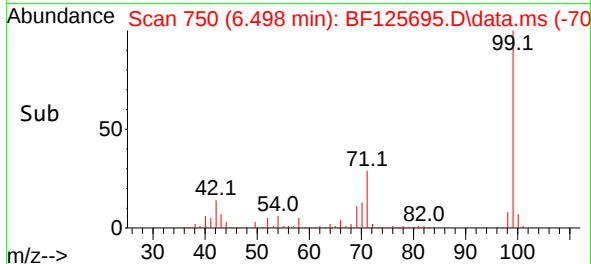
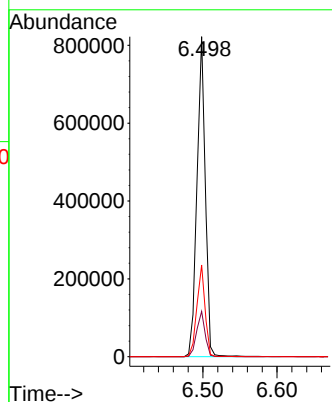
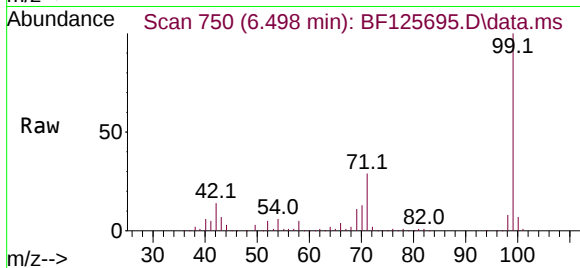




#7
Phenol-d6
Concen: 39.247 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

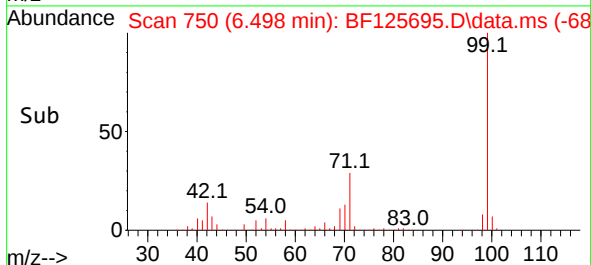
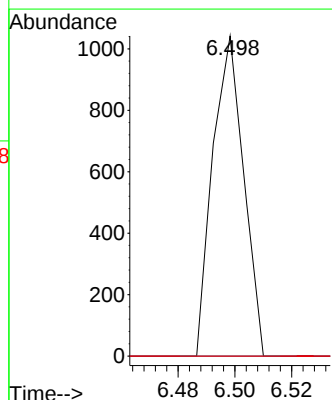
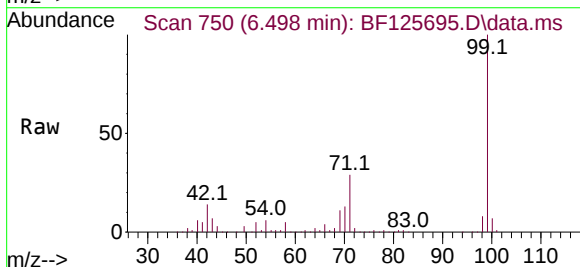
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

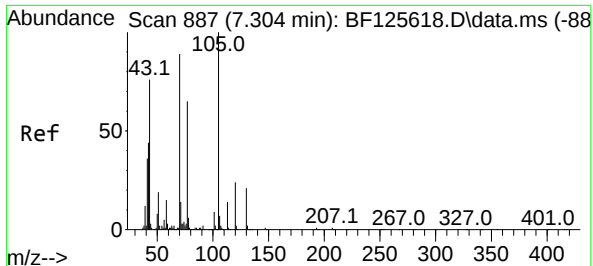
Tgt Ion: 99 Resp: 644120
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 28.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.058 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

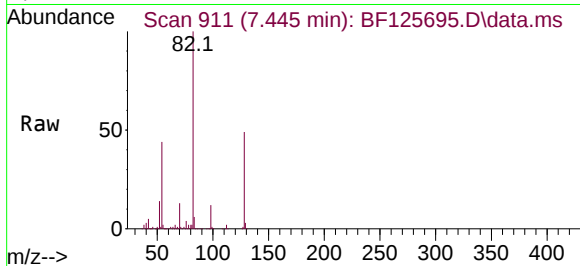
Tgt Ion: 77 Resp: 787
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



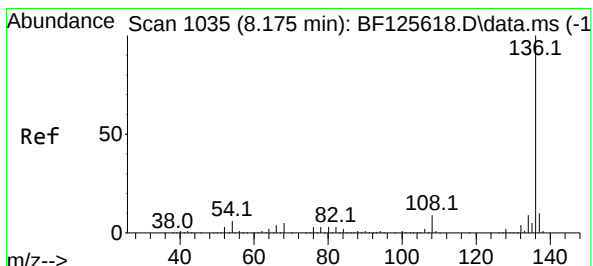
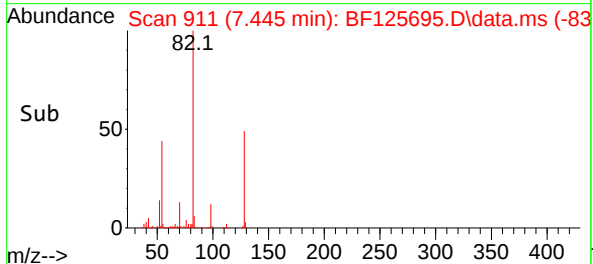
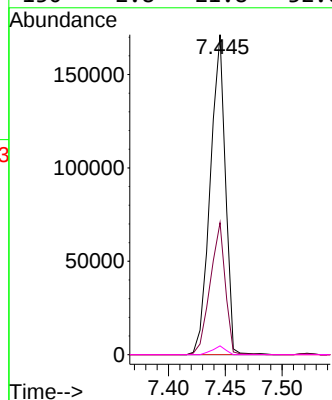


#19
n-Nitroso-di-n-propylamine
Concen: 16.973 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

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

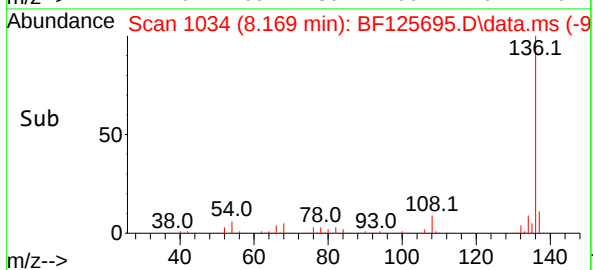
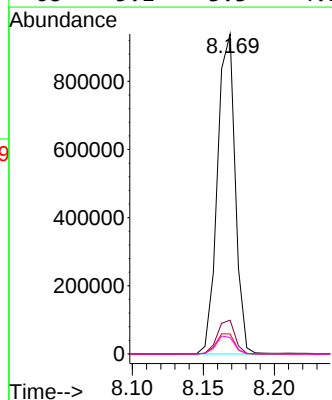
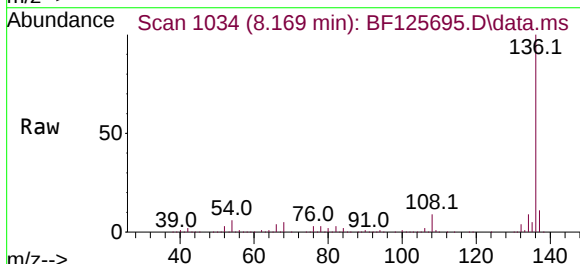


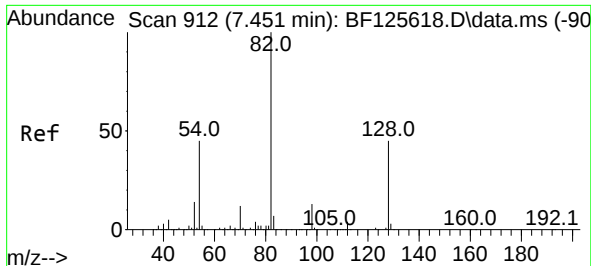
Tgt Ion: 70 Resp: 158600
Ion Ratio Lower Upper
70 100
42 41.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.8 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion: 136 Resp: 817753
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.3 6.4 9.6#
68 5.1 3.3 4.9#

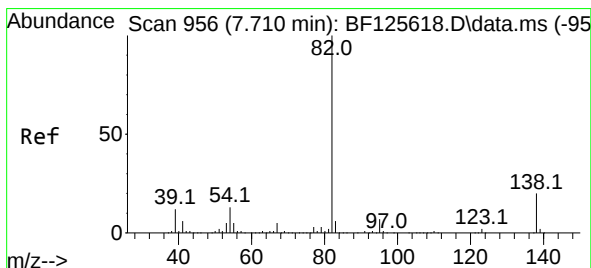
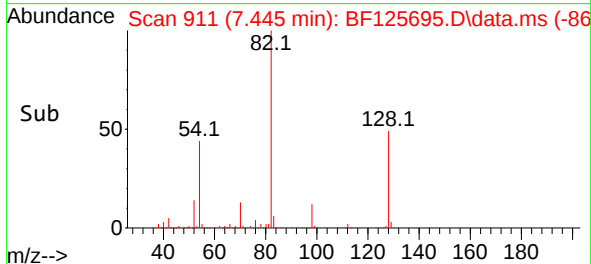
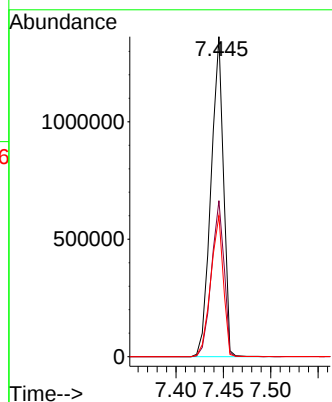
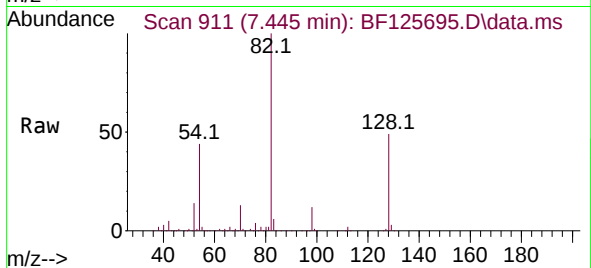




#23
Nitrobenzene-d5
Concen: 106.934 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

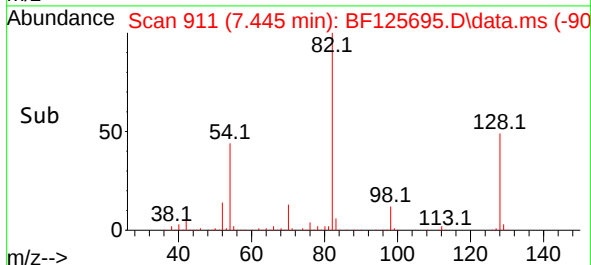
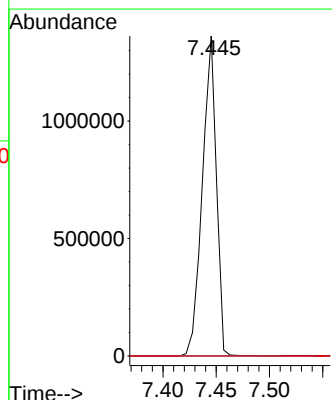
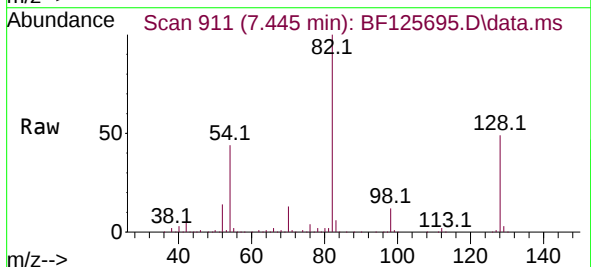
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

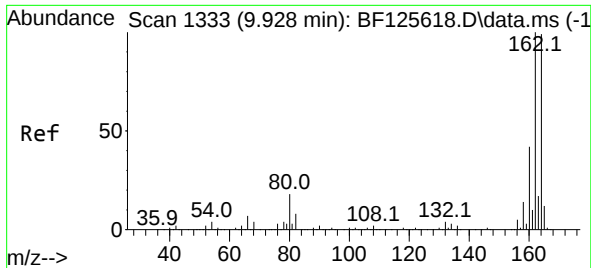
Tgt Ion: 82 Resp: 1253700
Ion Ratio Lower Upper
82 100
128 48.7 40.6 60.8
54 44.1 49.6 74.4#



#25
Isophorone
Concen: 47.664 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion: 82 Resp: 1251479
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

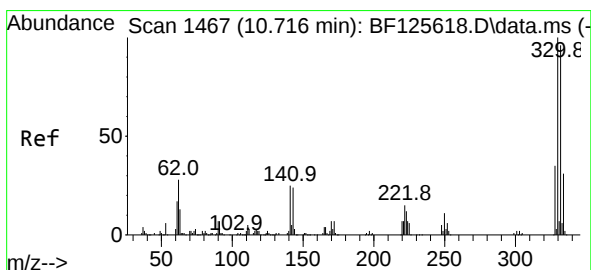
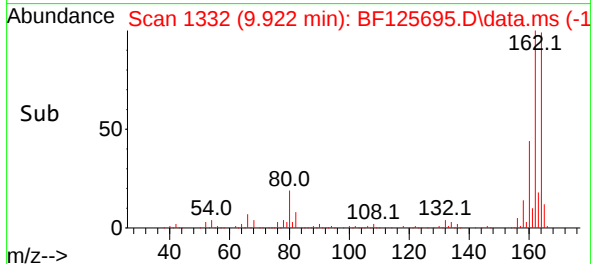
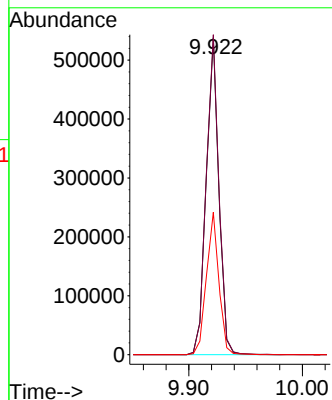
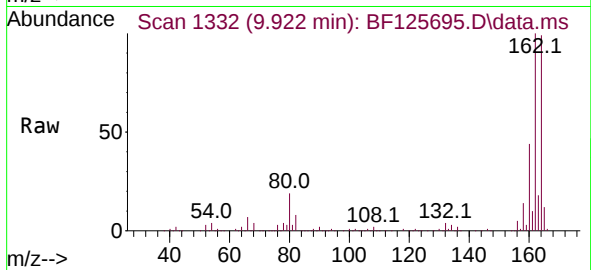




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

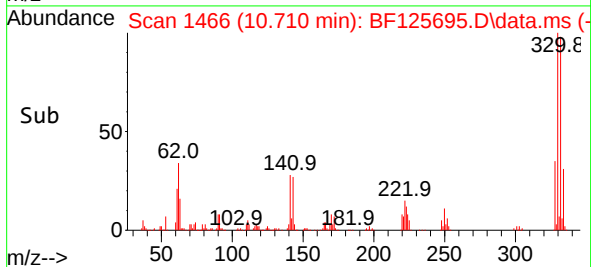
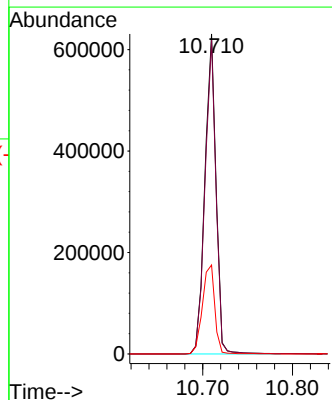
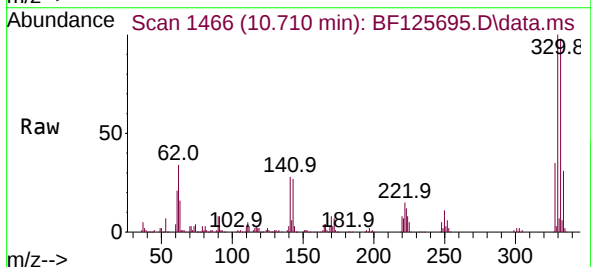
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

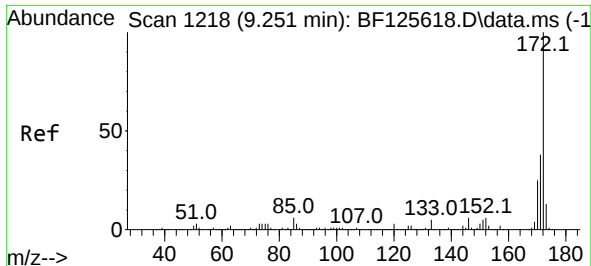
Tgt Ion:164 Resp: 413576
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 140.386 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion:330 Resp: 541335
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 31.1 44.6 66.8#

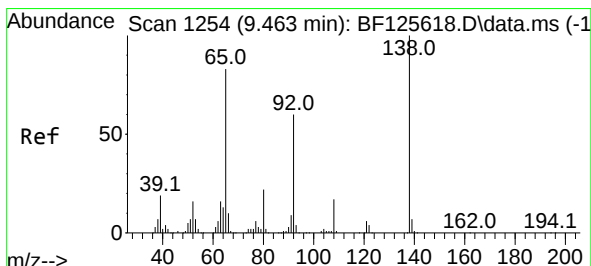
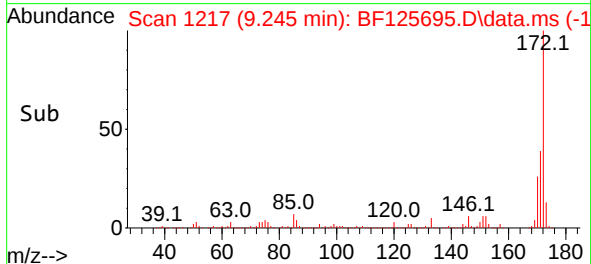
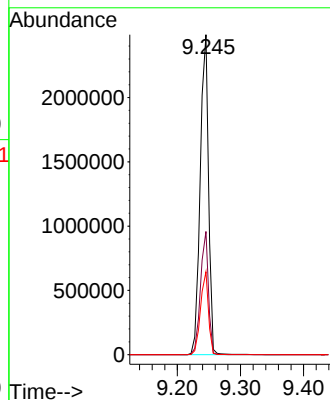
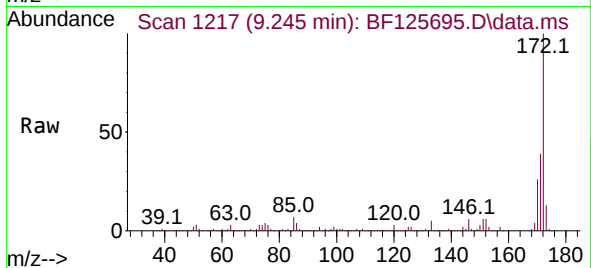




#45
2-Fluorobiphenyl
Concen: 100.731 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

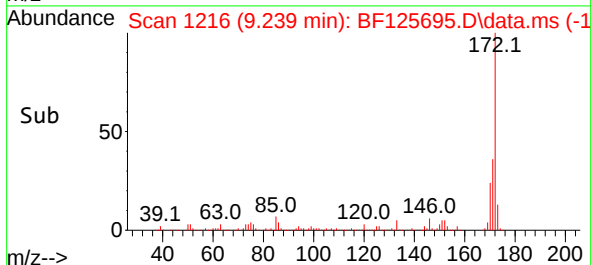
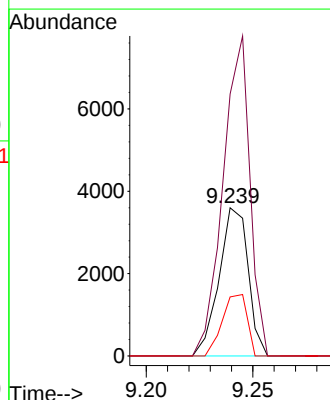
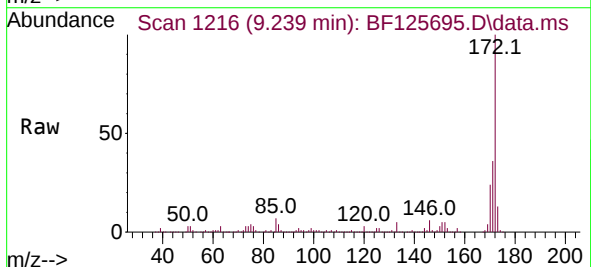
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

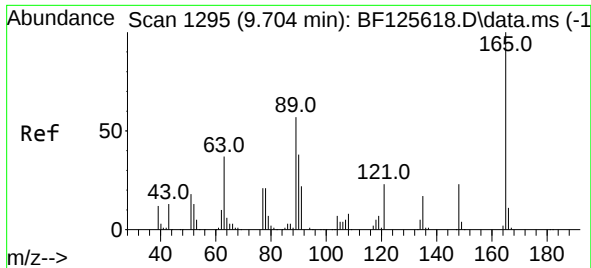
Tgt Ion:172 Resp: 2261552
Ion Ratio Lower Upper
172 100
171 38.5 26.5 39.7
170 25.9 18.8 28.2



#48
2-Nitroaniline
Concen: 4.681 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion: 65 Resp: 3417
Ion Ratio Lower Upper
65 100
92 176.8 55.5 83.3#
138 39.9 93.5 140.3#

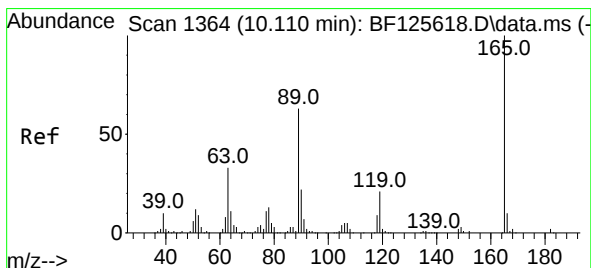
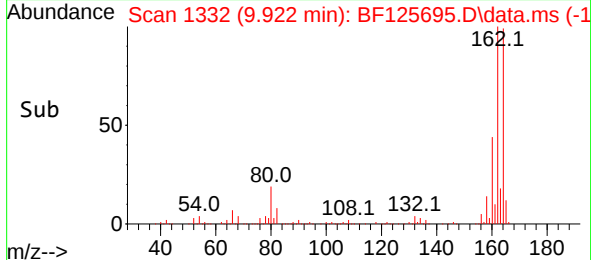
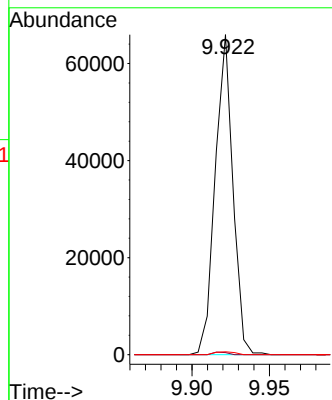
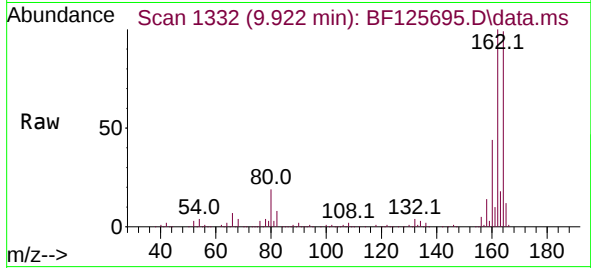




#51
2,6-Dinitrotoluene
Concen: 12.545 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

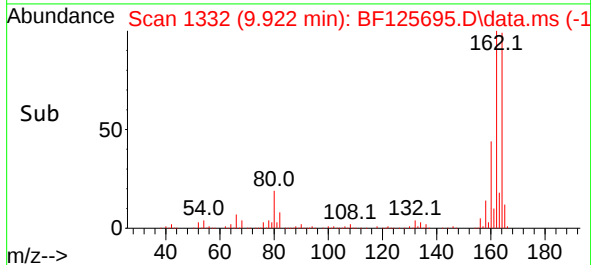
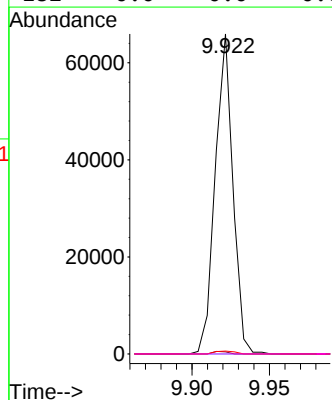
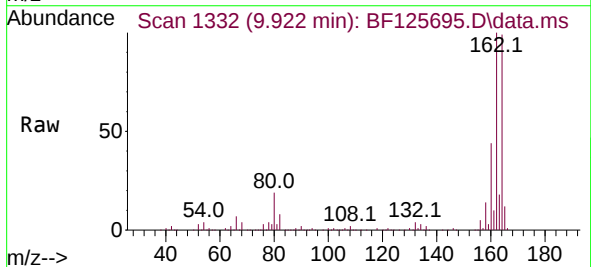
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

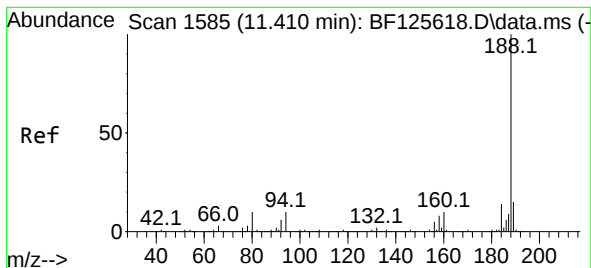
Tgt Ion:165 Resp: 52325
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.454 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion:165 Resp: 52325
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

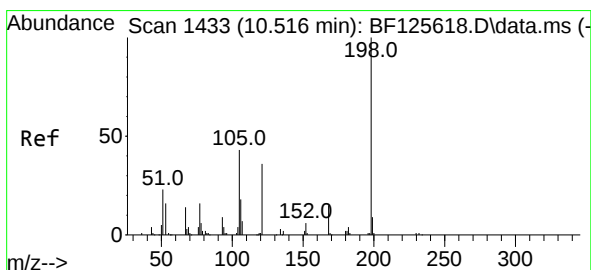
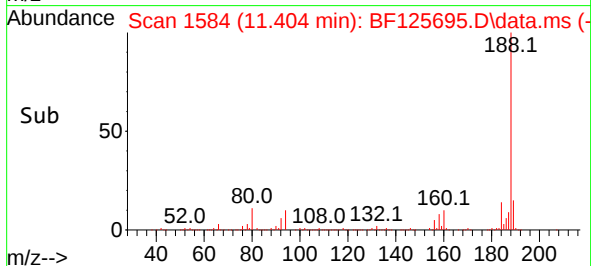
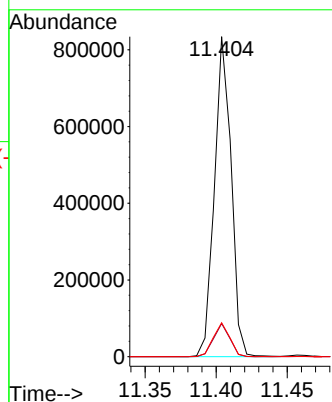
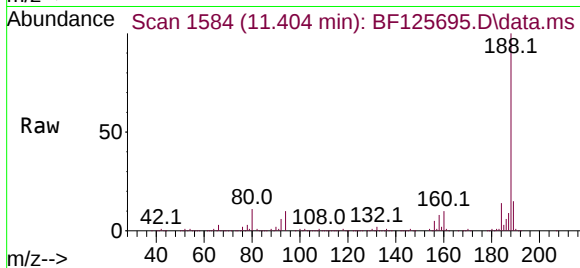




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

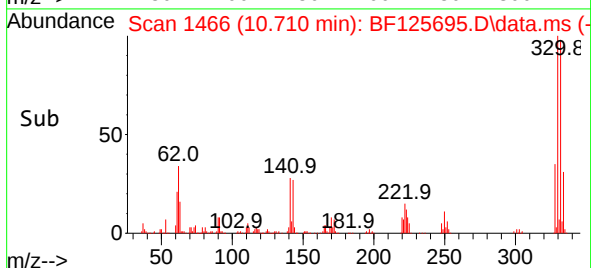
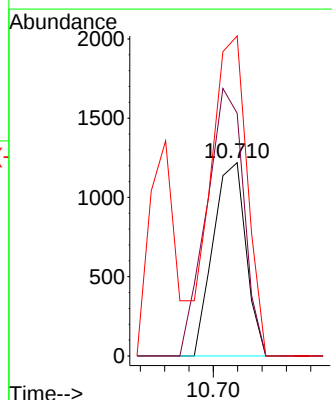
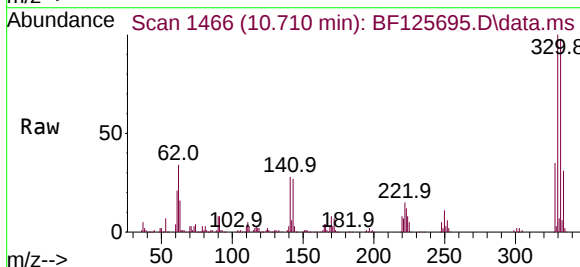
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

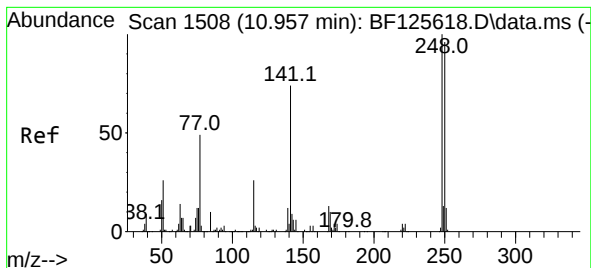
Tgt Ion:188 Resp: 681482
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.293 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion:198 Resp: 1143
Ion Ratio Lower Upper
198 100
51 125.6 45.3 85.3#
105 165.6 30.6 70.6#

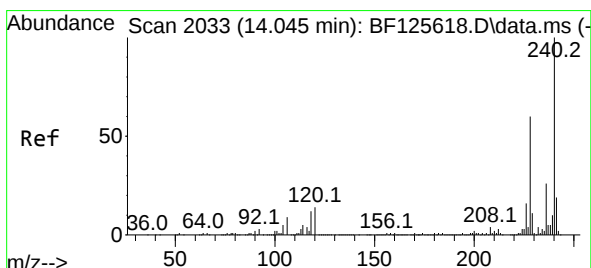
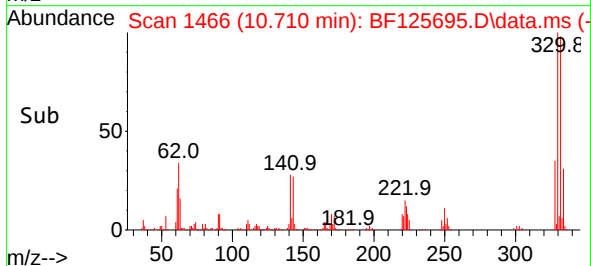
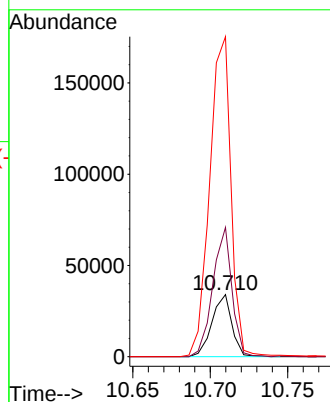
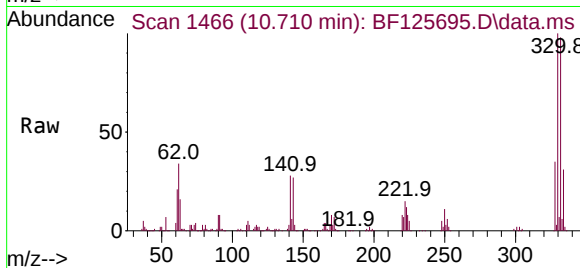




#67
4-Bromophenyl-phenylether
Concen: 4.248 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

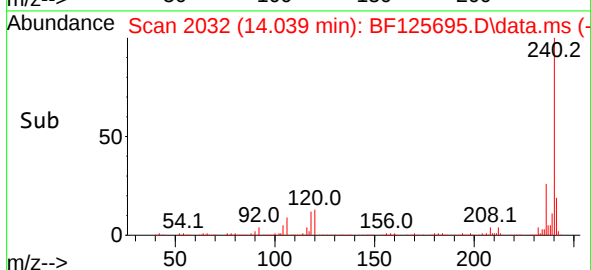
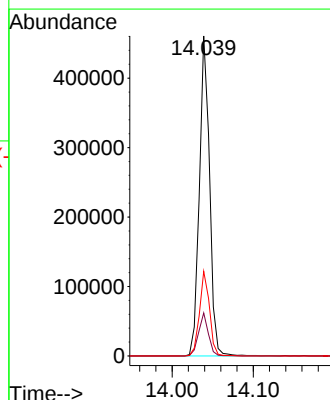
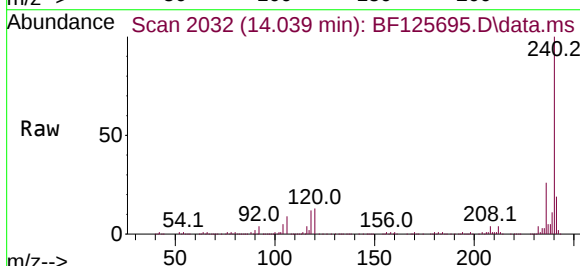
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

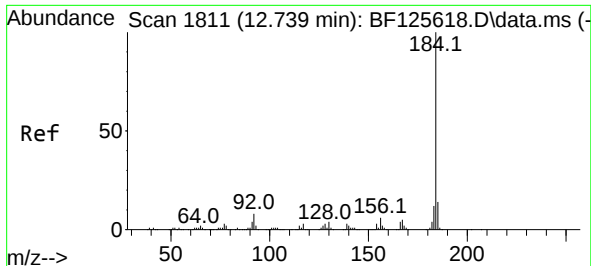
Tgt Ion:248 Resp: 30381
Ion Ratio Lower Upper
248 100
250 208.2 74.2 111.4#
141 515.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion:240 Resp: 403828
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 26.5 21.6 32.4

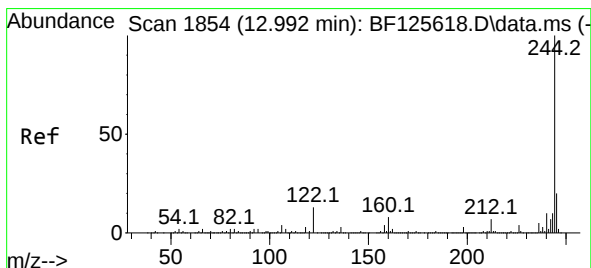
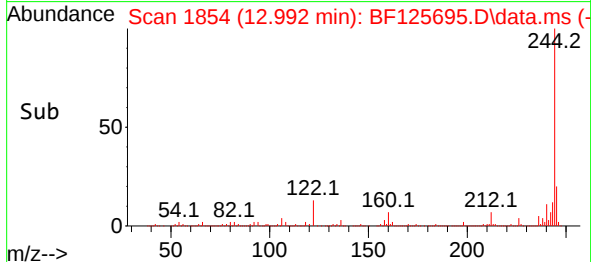
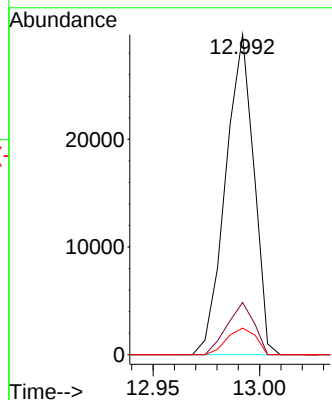
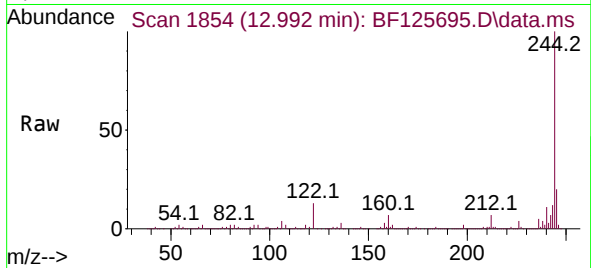




#77
Benzidine
Concen: 2.582 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

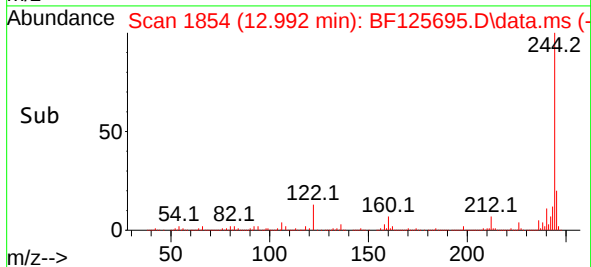
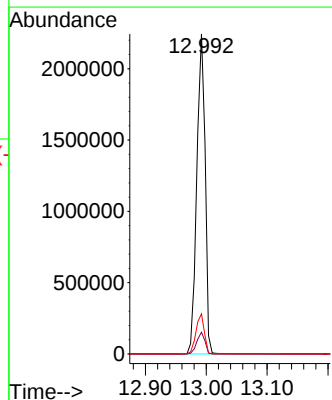
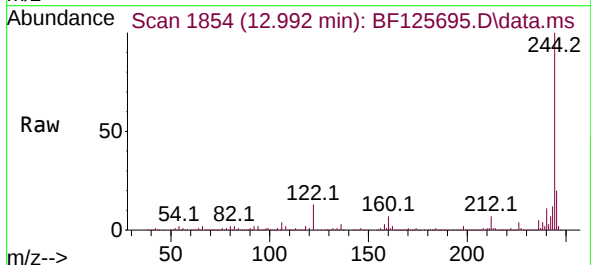
Instrument :
BNA_F
ClientSampleId :
SW-RR-01-(2.0)

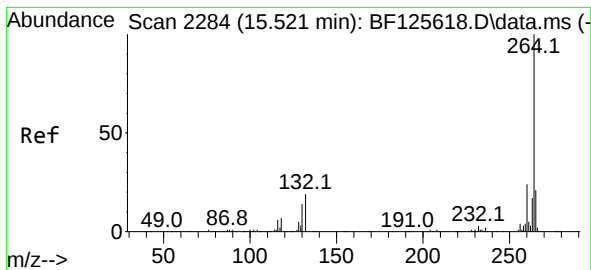
Tgt Ion:184 Resp: 27389
Ion Ratio Lower Upper
184 100
185 16.3 10.8 16.2#
183 8.3 8.1 12.1



#79
Terphenyl-d14
Concen: 91.659 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125695.D
Acq: 28 Sep 2021 18:33

Tgt Ion:244 Resp: 2137379
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.5 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: BF125695.D
Acq: 28 Sep 2021 18:33

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

Tgt Ion:264 Resp: 409672

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.5	17.2	25.8

