

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125698.D
 Acq On : 28 Sep 2021 20:11
 Operator : JU/CG
 Sample : M3954-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Sep 29 02:21:09 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)

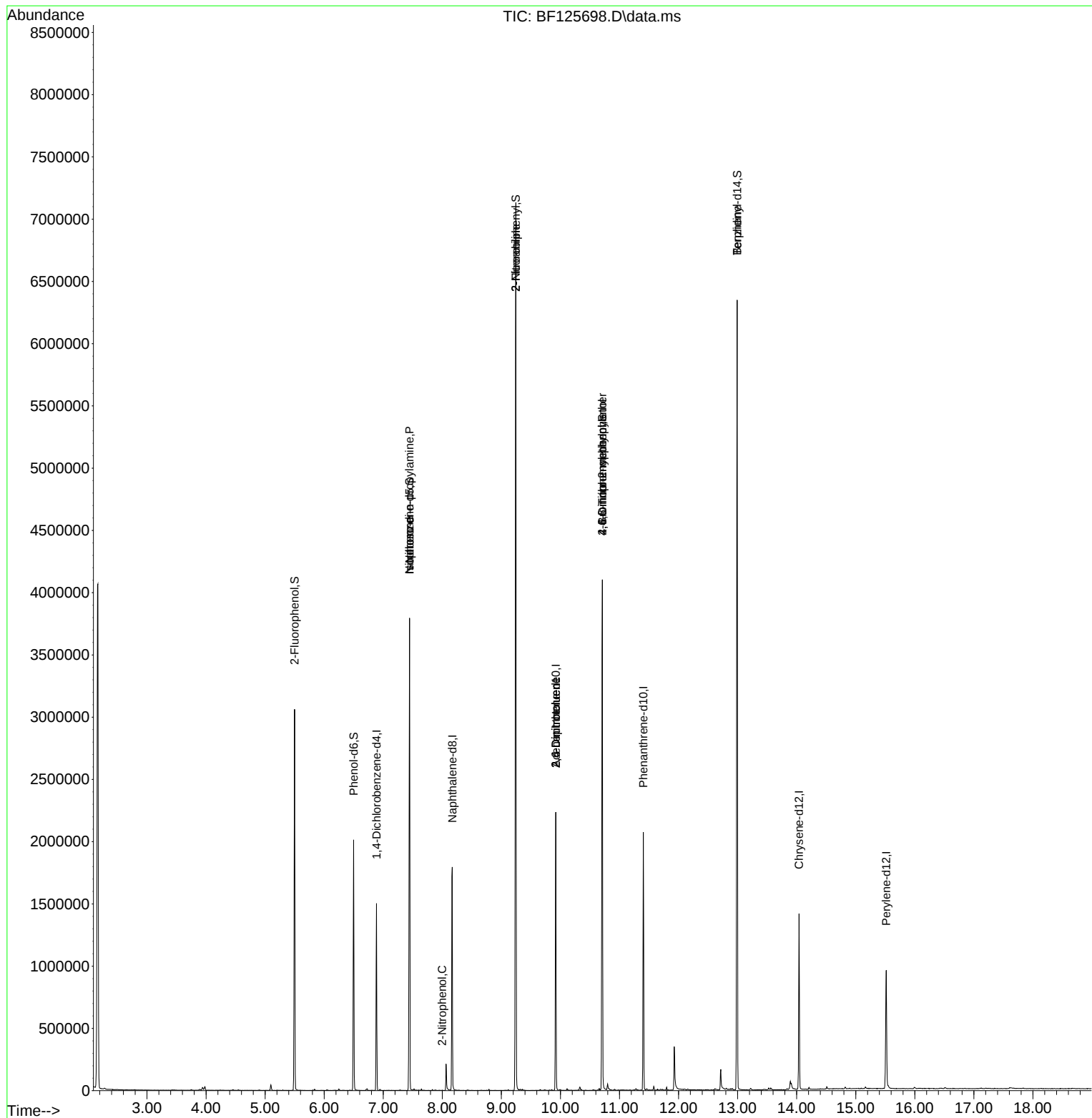
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	209132	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	838961	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	428132	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	706975	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	439483	20.000	ng	0.00
86) Perylene-d12	15.515	264	422204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	869559	68.505	ng	0.00
7) Phenol-d6	6.498	99	649610	38.066	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1228240	102.114	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	550873	138.002	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2259956	96.687	ng	0.00
79) Terphenyl-d14	12.992	244	2182578	86.003	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	160	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.445	70	155451	15.999	ng	# 50
25) Isophorone	7.445	82	1228227	45.596	ng	# 59
26) 2-Nitrophenol	7.998	139	121	5.750	ng	# 39
48) 2-Nitroaniline	9.245	65	3392	4.660	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	54339	12.572	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	54339	11.476	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1420	9.348	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	29982	4.041	ng	# 1
77) Benzidine	12.992	184	28093	2.433	ng	95

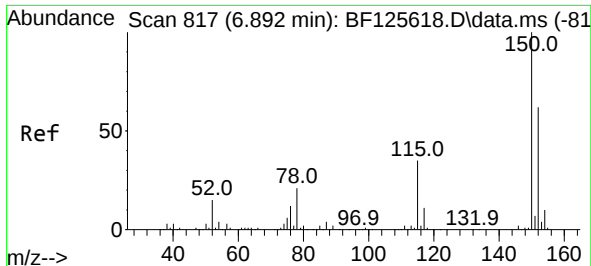
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125698.D
Acq On : 28 Sep 2021 20:11
Operator : JU/CG
Sample : M3954-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

Quant Time: Sep 29 02:21:09 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

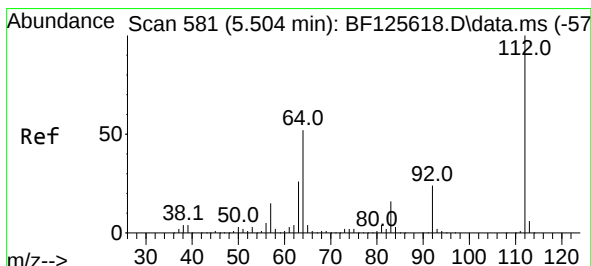
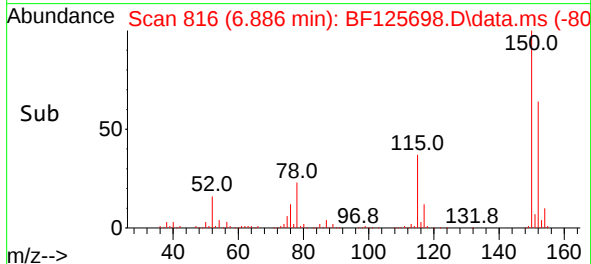
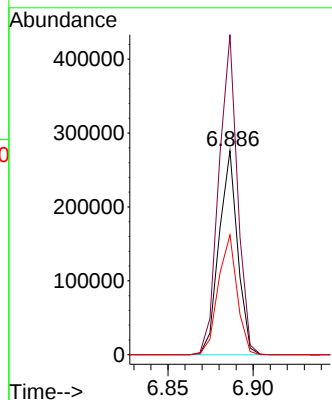
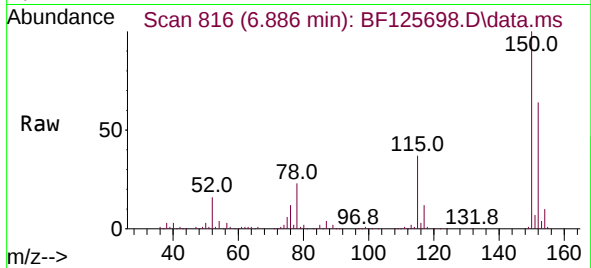




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

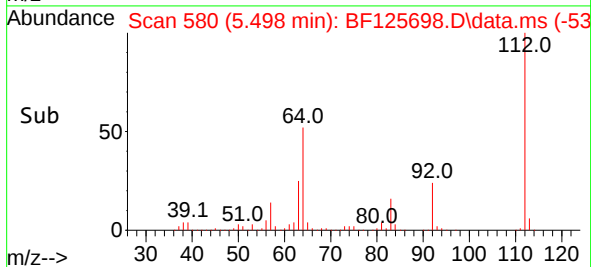
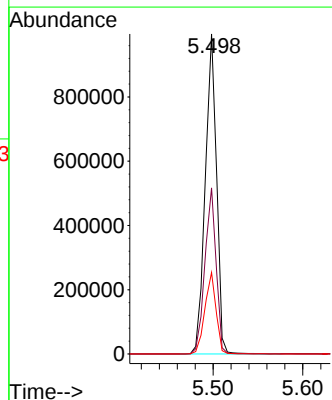
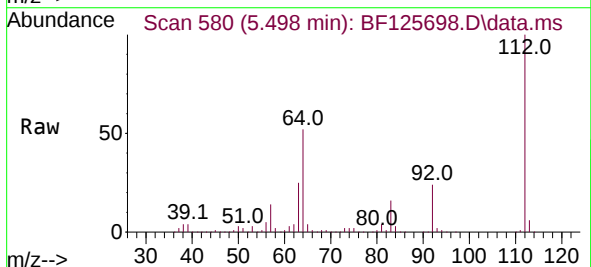
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

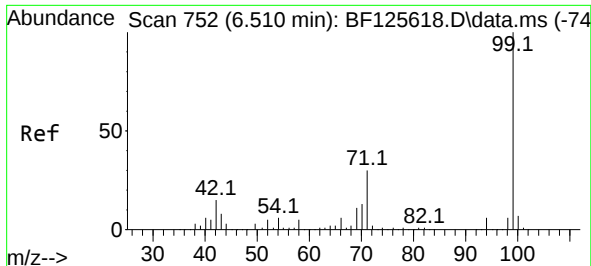
Tgt Ion:152 Resp: 209132
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 58.7 47.1 70.7



#5
2-Fluorophenol
Concen: 68.505 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:112 Resp: 869559
Ion Ratio Lower Upper
112 100
64 51.9 44.2 66.2
63 25.4 26.2 39.2#

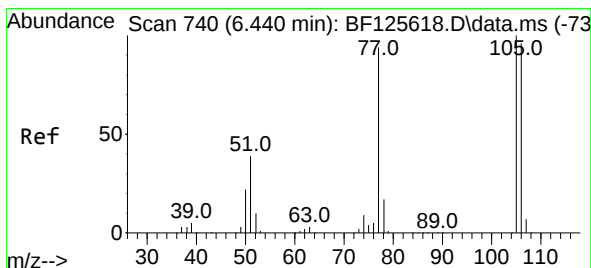
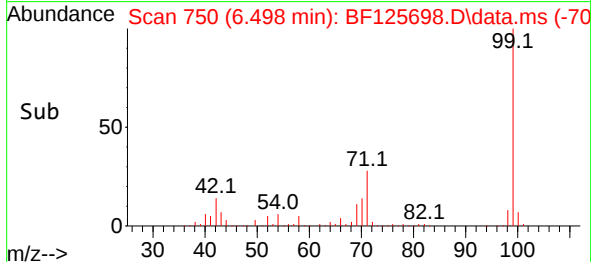
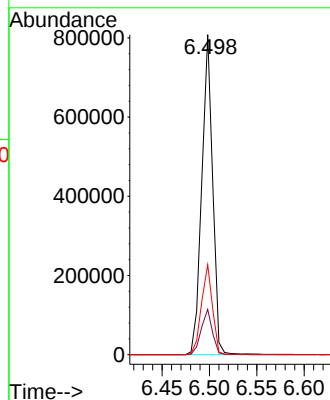
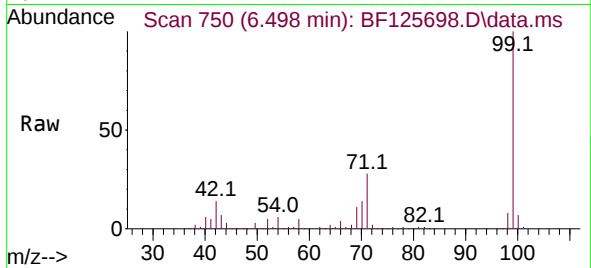




#7
Phenol-d6
Concen: 38.066 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

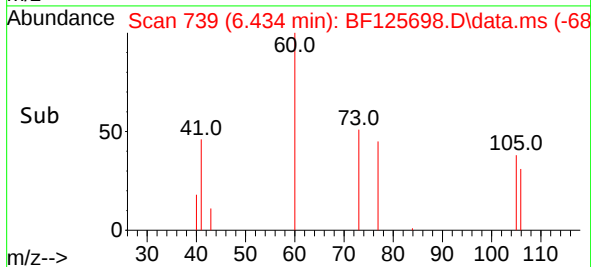
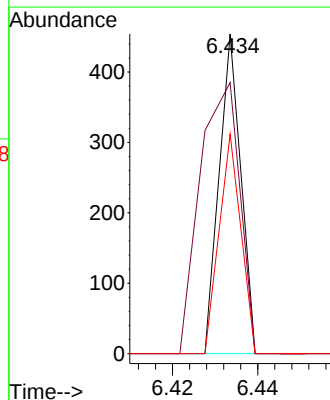
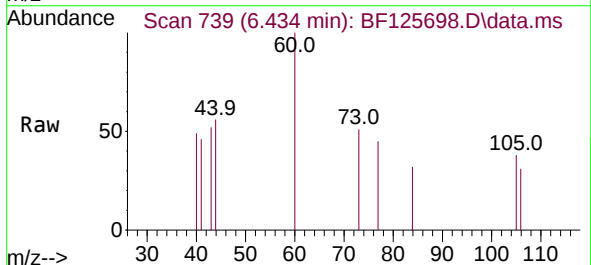
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

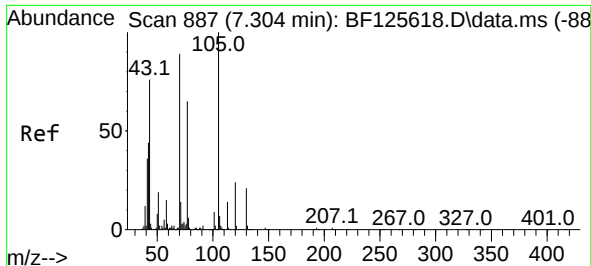
Tgt Ion: 99 Resp: 649610
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 28.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

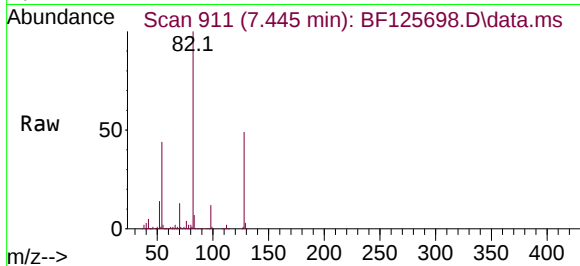
Tgt Ion: 77 Resp: 160
Ion Ratio Lower Upper
77 100
105 84.8 75.9 115.9
106 68.7 84.0 124.0#



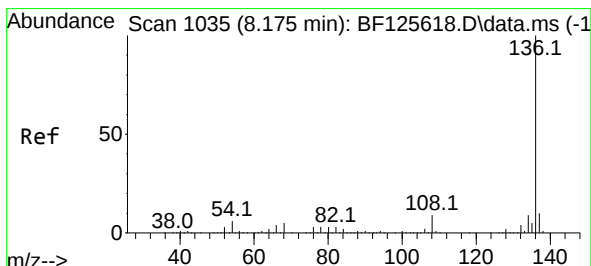
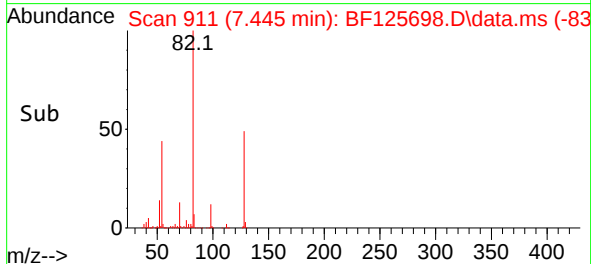
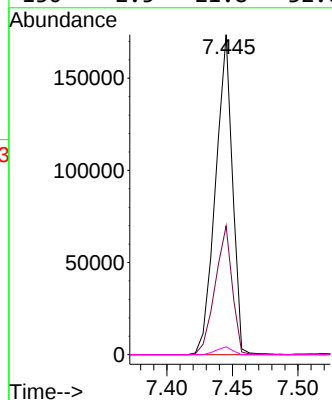


#19
n-Nitroso-di-n-propylamine
Concen: 15.999 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

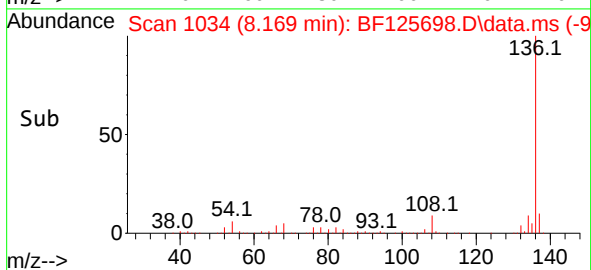
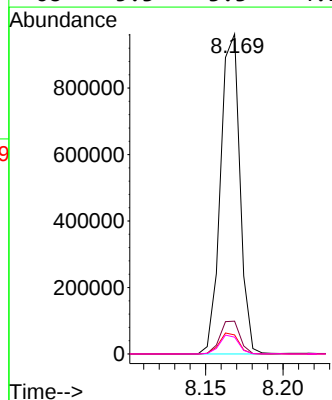
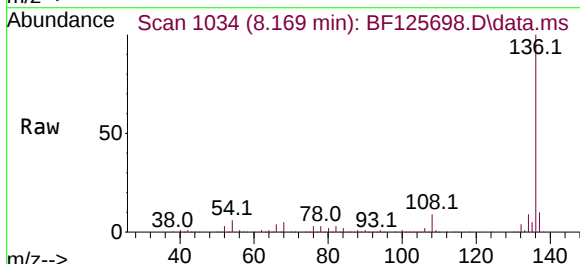


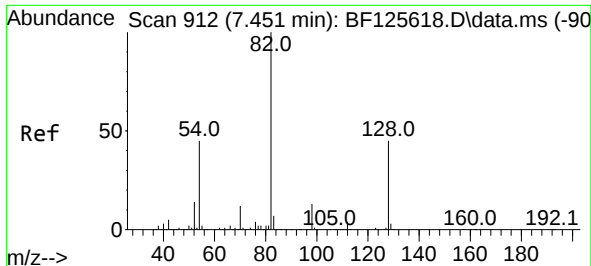
Tgt Ion: 70 Resp: 155451
Ion Ratio Lower Upper
70 100
42 40.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion: 136 Resp: 838961
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 6.0 6.4 9.6#
68 5.3 3.3 4.9#

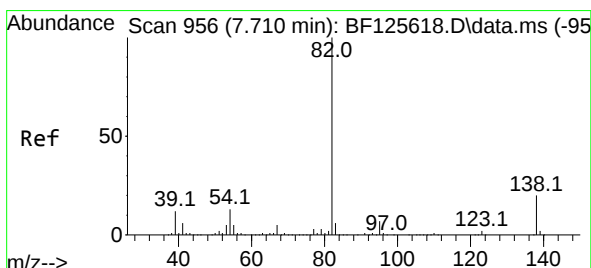
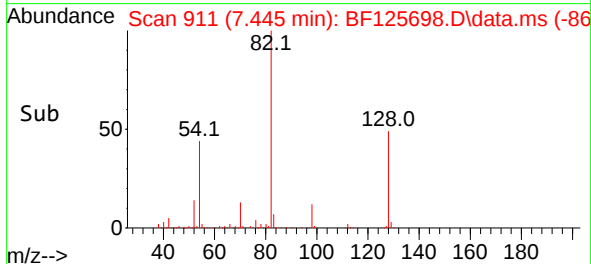
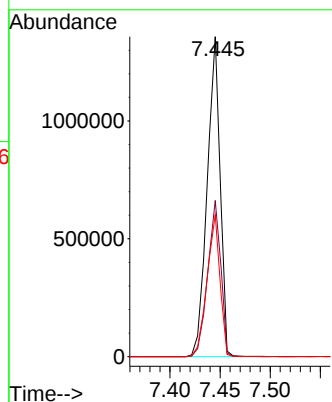
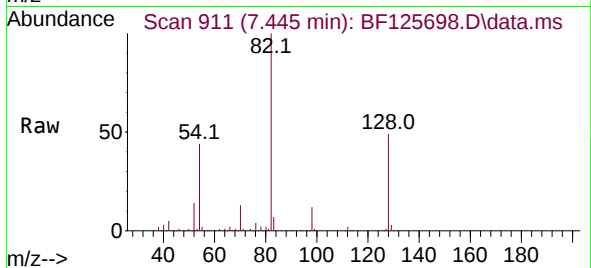




#23
Nitrobenzene-d5
Concen: 102.114 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

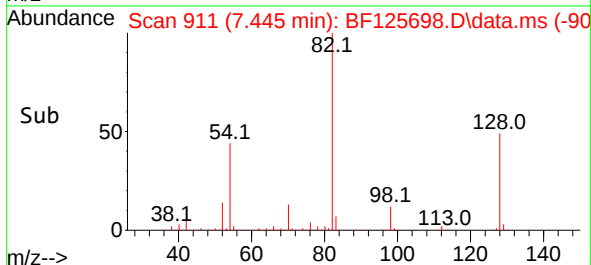
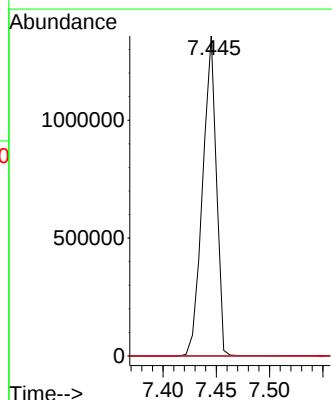
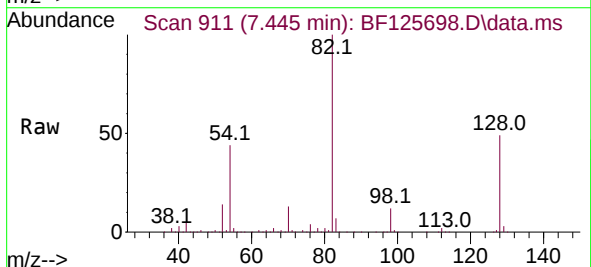
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

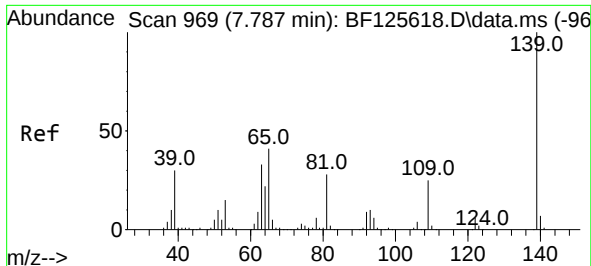
Tgt Ion: 82 Resp: 1228240
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 44.4 49.6 74.4#



#25
Isophorone
Concen: 45.596 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion: 82 Resp: 1228227
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

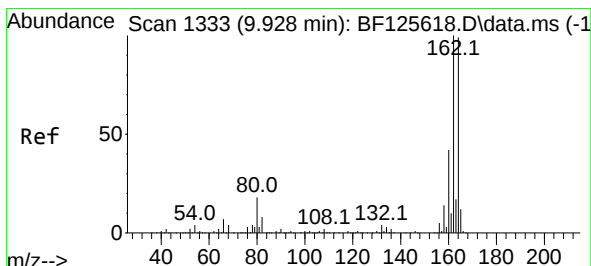
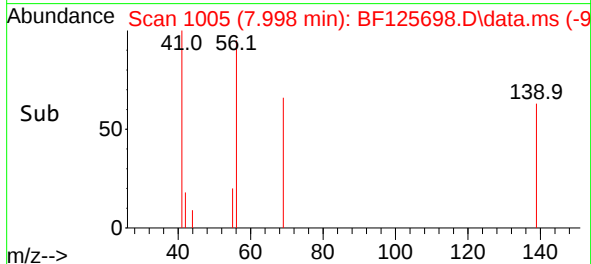
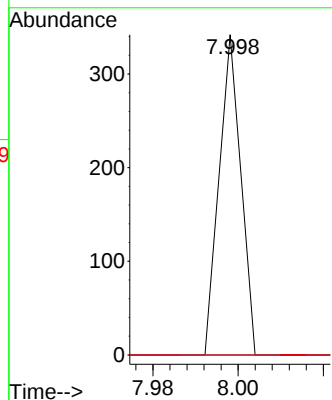
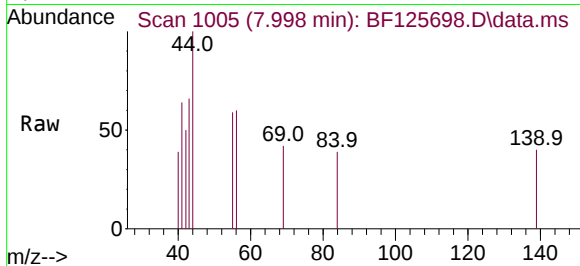




#26
2-Nitrophenol
Concen: 5.750 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

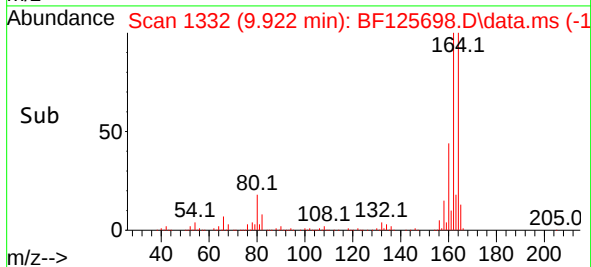
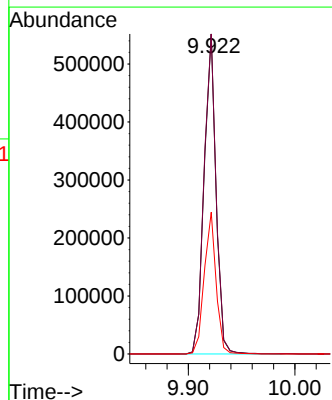
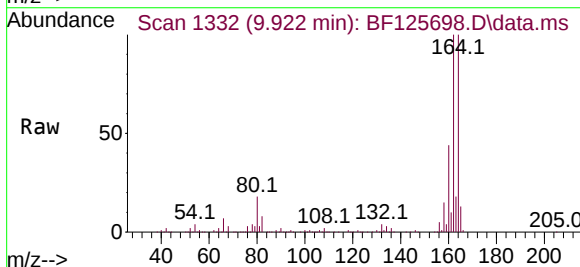
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

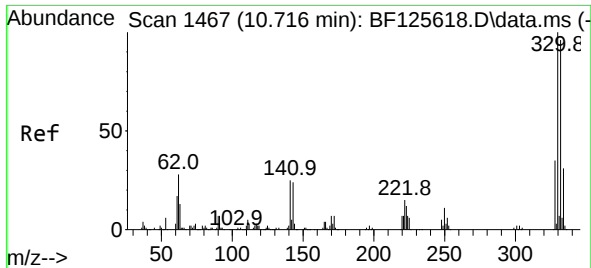
Tgt Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:164 Resp: 428132
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.3 38.0 57.0

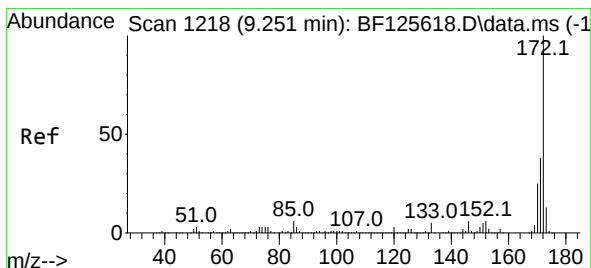
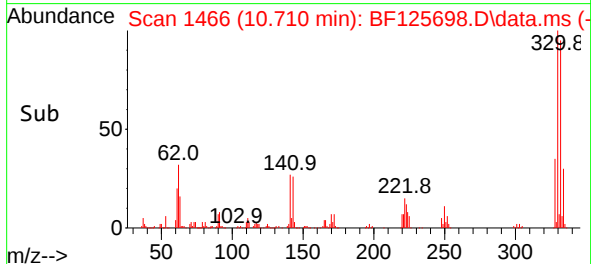
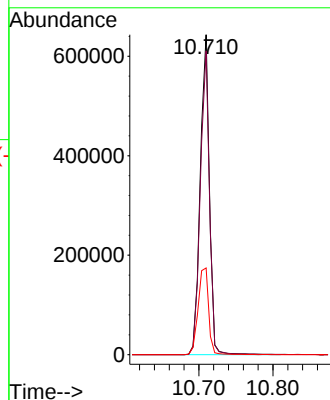
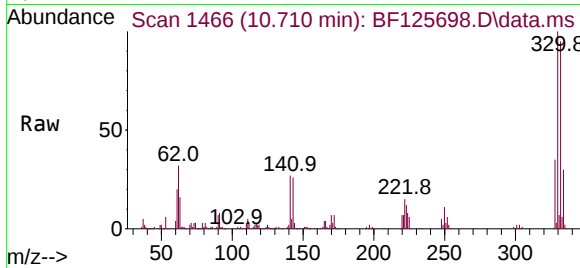




#42
2,4,6-Tribromophenol
Concen: 138.002 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

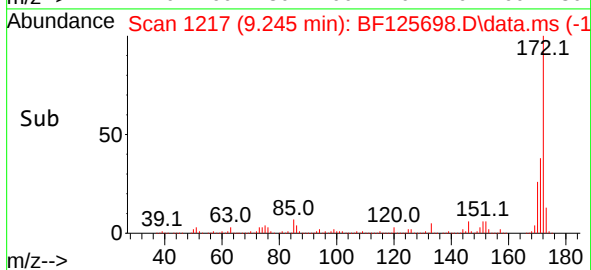
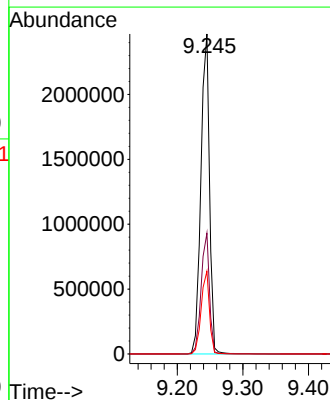
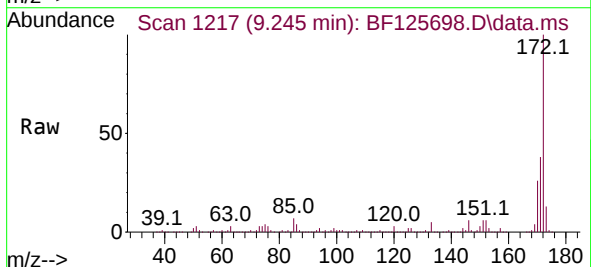
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

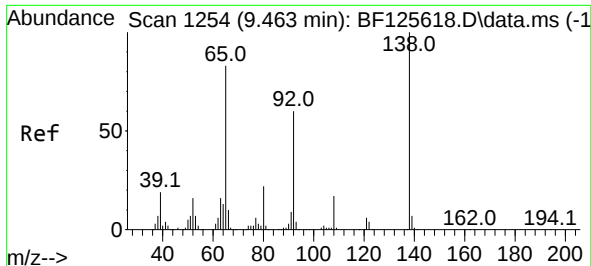
Tgt Ion:330 Resp: 550873
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 96.687 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:172 Resp: 2259956
Ion Ratio Lower Upper
172 100
171 37.8 26.5 39.7
170 25.8 18.8 28.2

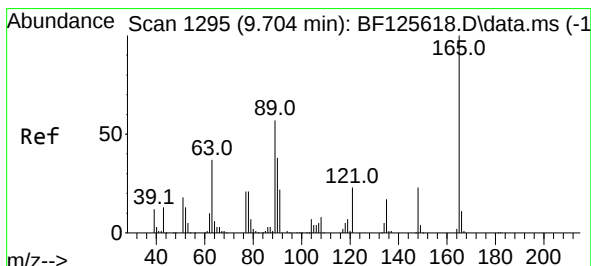
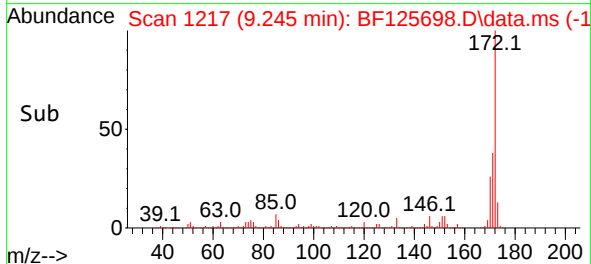
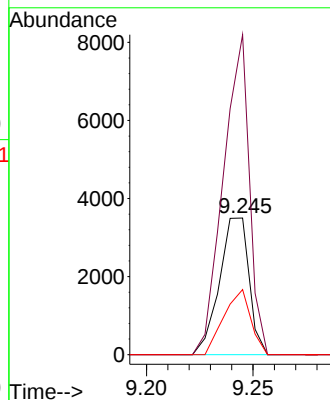
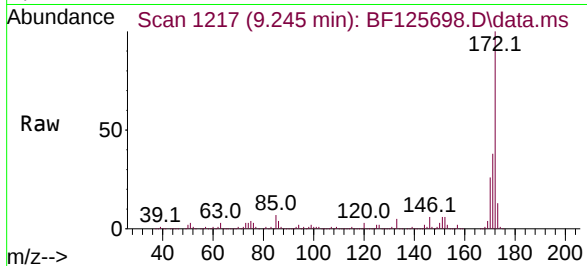




#48
2-Nitroaniline
Concen: 4.660 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

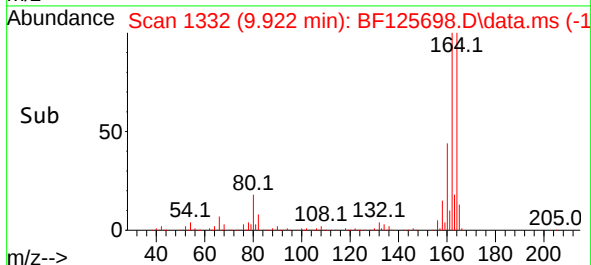
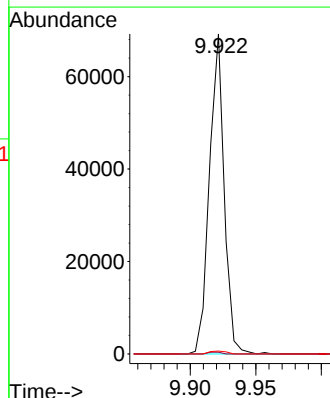
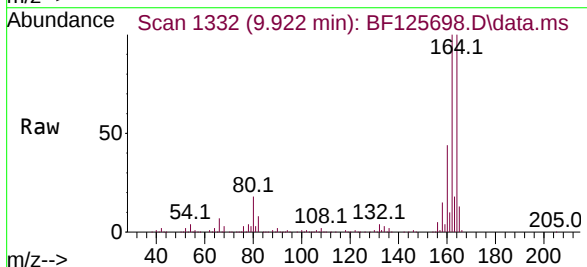
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

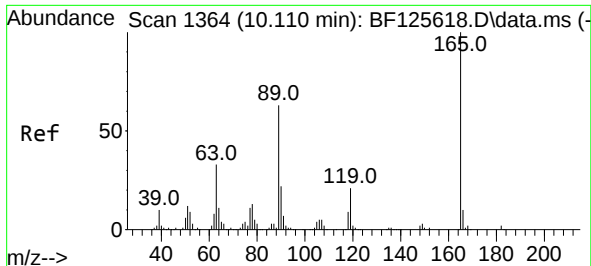
Tgt Ion: 65 Resp: 3392
Ion Ratio Lower Upper
65 100
92 234.2 55.5 83.3#
138 47.6 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.572 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:165 Resp: 54339
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 0.9 40.6 60.8#

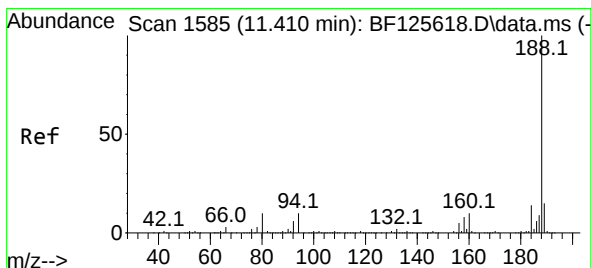
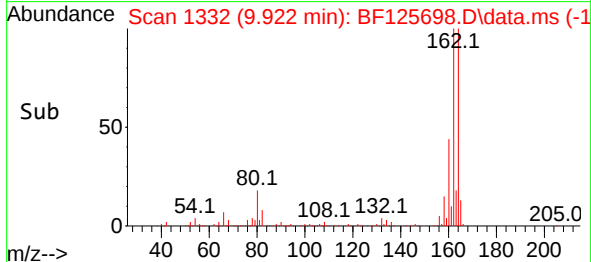
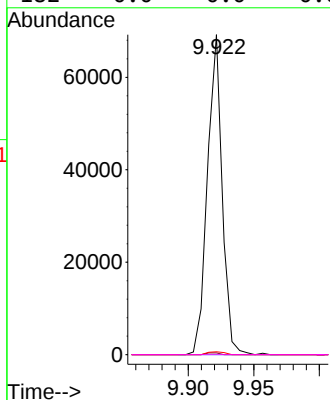
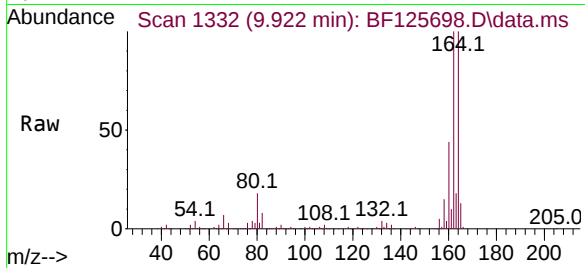




#57
2,4-Dinitrotoluene
Concen: 11.476 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

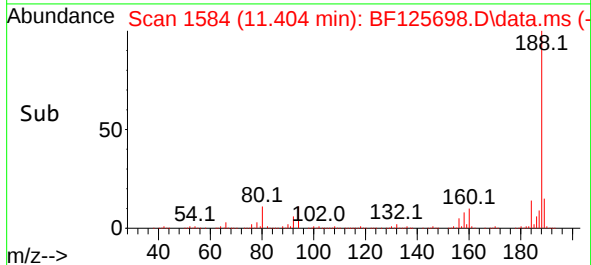
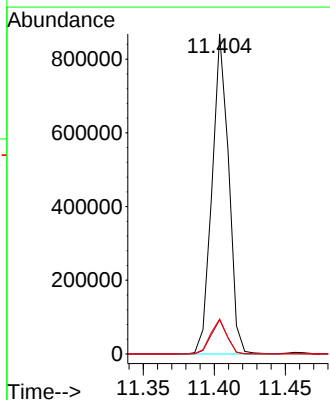
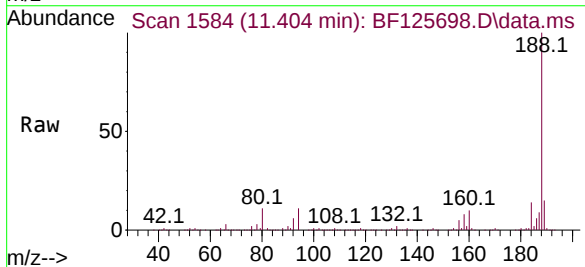
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

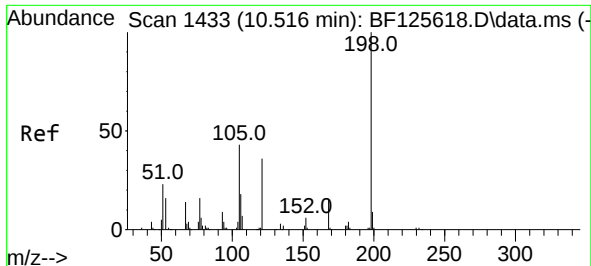
Tgt Ion:165	Resp:	54339
Ion Ratio	Lower	Upper
165	100	
63	0.6	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:188	Resp:	706975
Ion Ratio	Lower	Upper
188	100	
94	10.7	6.7 10.1#
80	10.9	7.5 11.3

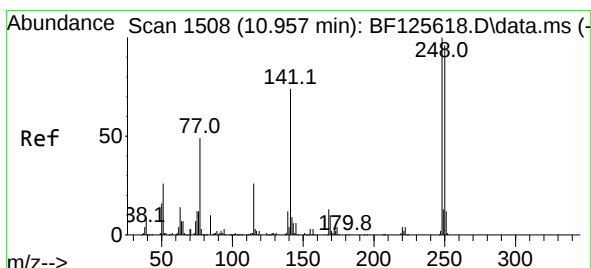
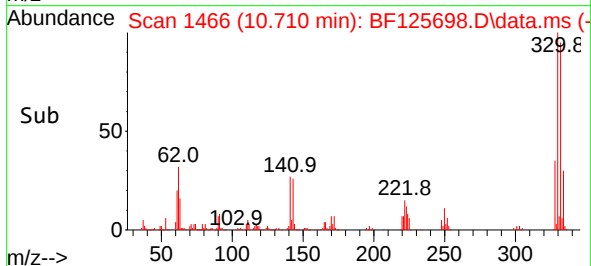
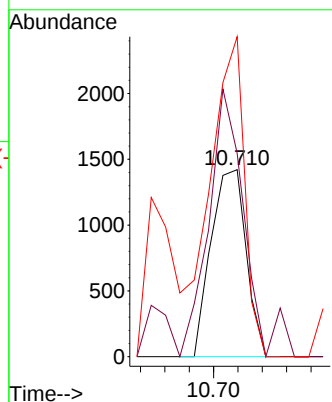
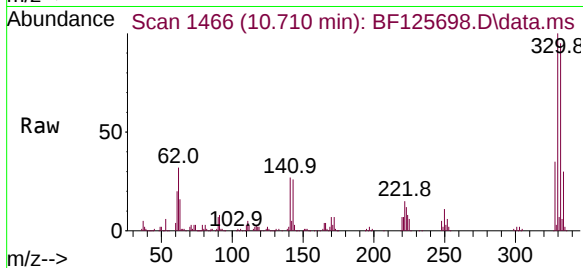




#65
4,6-Dinitro-2-methylphenol
Concen: 9.348 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

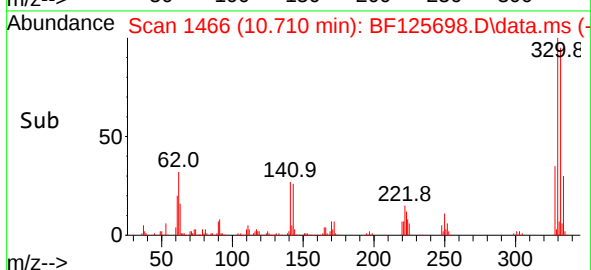
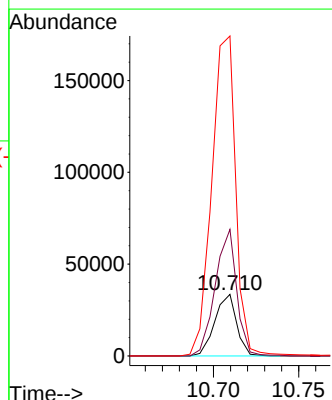
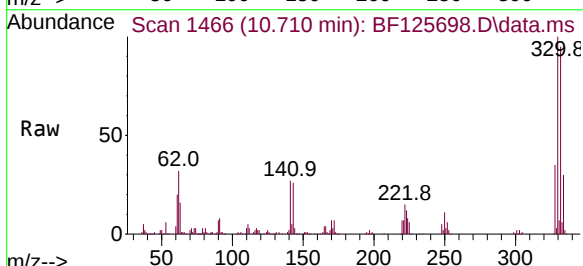
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

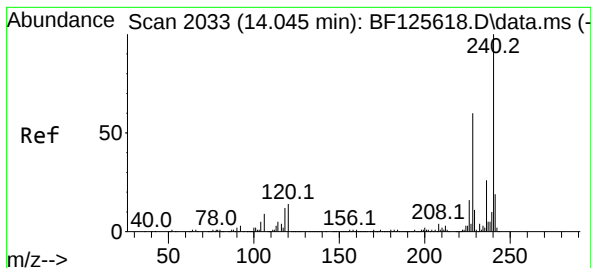
Tgt Ion:198 Resp: 1420
Ion Ratio Lower Upper
198 100
51 108.7 45.3 85.3#
105 171.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.041 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:248 Resp: 29982
Ion Ratio Lower Upper
248 100
250 205.7 74.2 111.4#
141 519.8 60.4 90.6#

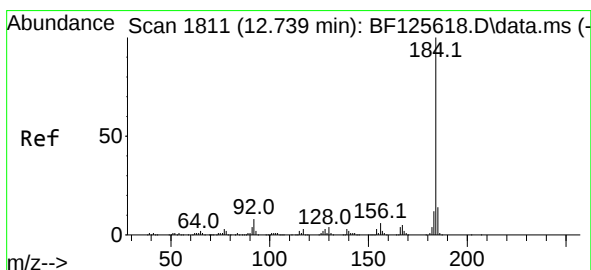
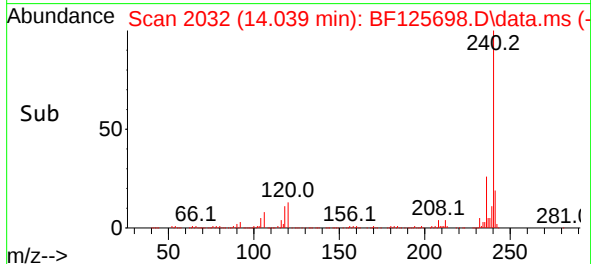
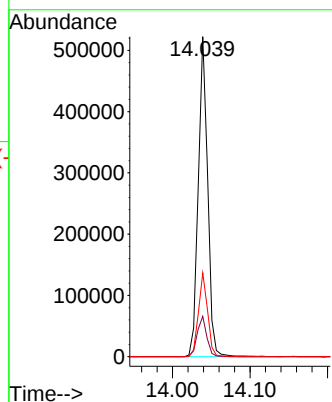
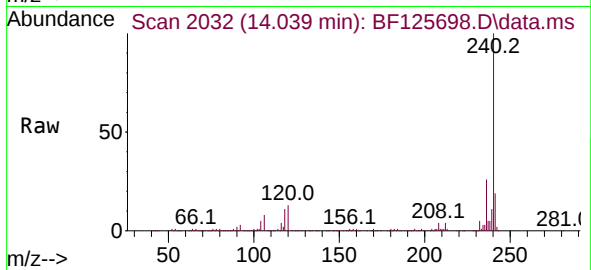




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

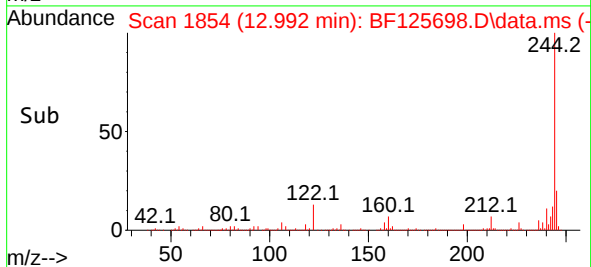
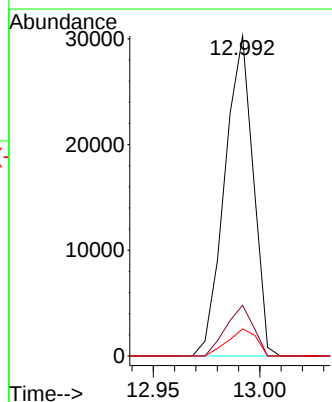
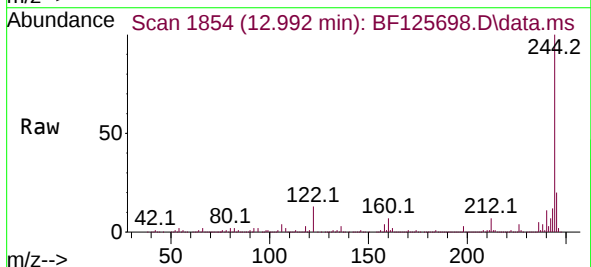
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

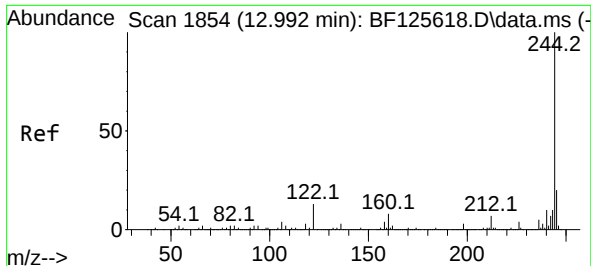
Tgt Ion:240 Resp: 439483
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 26.2 21.6 32.4



#77
Benzidine
Concen: 2.433 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:184 Resp: 28093
Ion Ratio Lower Upper
184 100
185 15.9 10.8 16.2
183 8.5 8.1 12.1

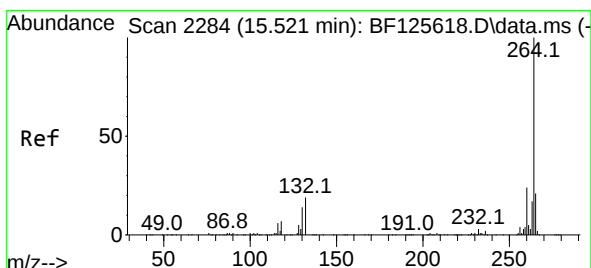
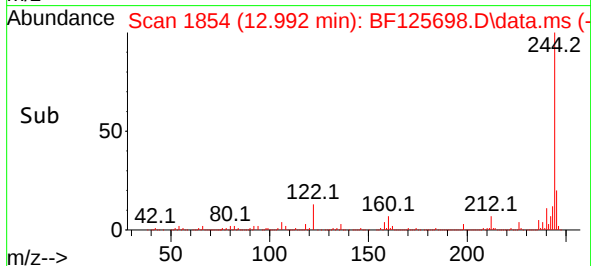
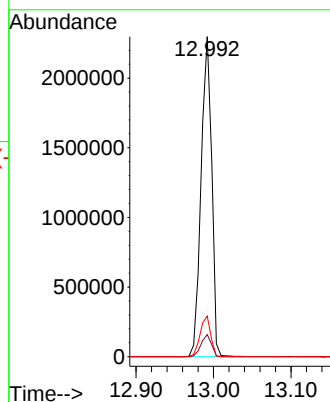
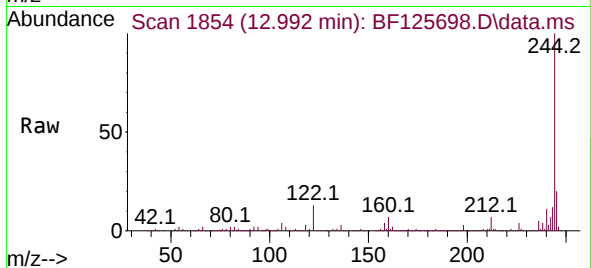




#79
Terphenyl-d14
Concen: 86.003 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125698.D
Acq: 28 Sep 2021 20:11

Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:244 Resp: 2182578
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.7 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: BF125698.D
Acq: 28 Sep 2021 20:11

Tgt Ion:264 Resp: 422204
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.1 17.2 25.8

