

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125737.D
 Acq On : 30 Sep 2021 17:08
 Operator : JU/CG
 Sample : M3986-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 30 17:51:42 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)

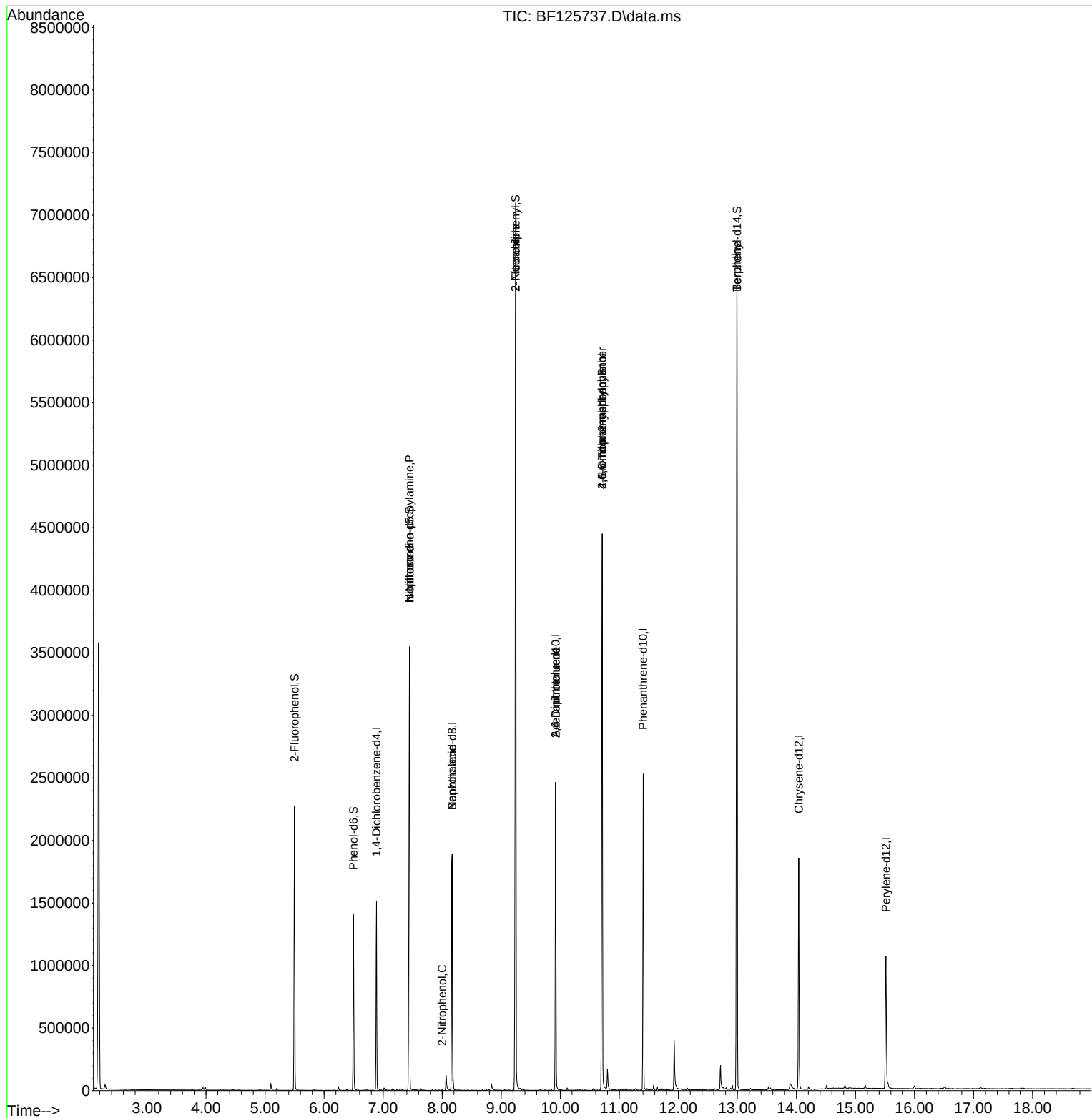
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	222812	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	916618	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	498482	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	879439	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	606418	20.000	ng	0.00
86) Perylene-d12	15.515	264	484006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	637021	47.104	ng	0.00
7) Phenol-d6	6.498	99	448220	24.652	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1273255	96.889	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	629293	135.399	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2335078	84.015	ng	0.00
79) Terphenyl-d14	12.992	244	2579316	73.658	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	463	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	157964	15.259	ng	# 51
25) Isophorone	7.445	82	1269254	43.127	ng	# 59
26) 2-Nitrophenol	7.998	139	123	5.749	ng	# 39
32) Benzoic acid	8.169	122	119	8.638	ng	# 1
48) 2-Nitroaniline	9.245	65	3225	4.568	ng	# 1
51) 2,6-Dinitrotoluene	9.921	165	62694	12.495	ng	# 27
57) 2,4-Dinitrotoluene	9.921	165	62695	11.415	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1316	9.263	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	34072	3.692	ng	# 1
77) Benzidine	12.992	184	32228	2.023	ng	# 92

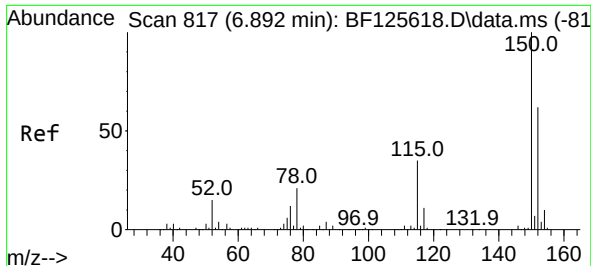
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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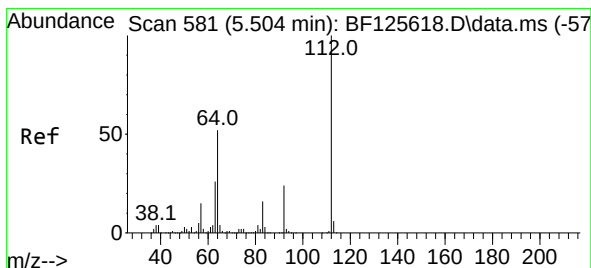
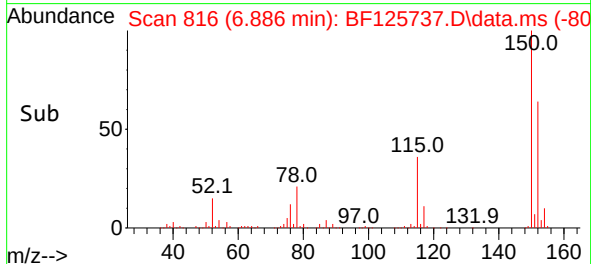
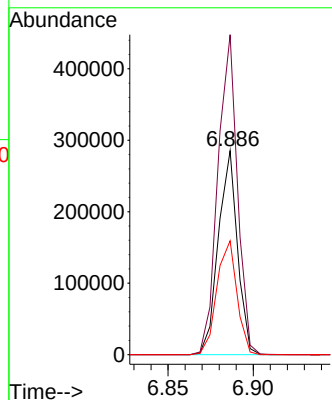
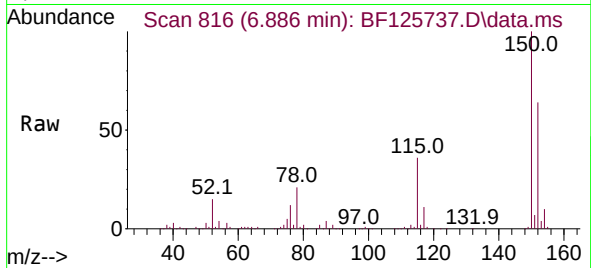




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF125737.D
 Acq: 30 Sep 2021 17:08

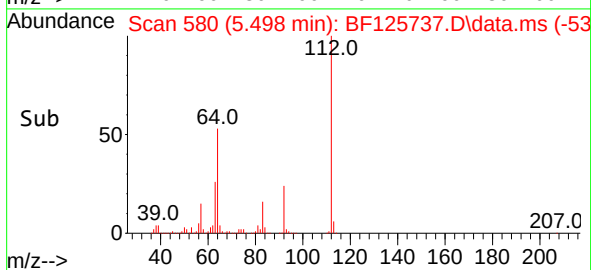
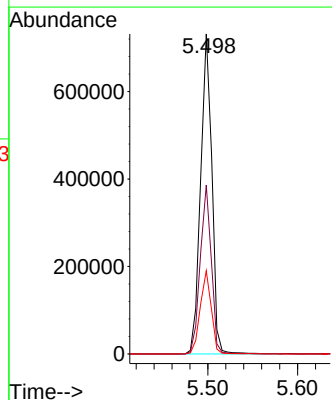
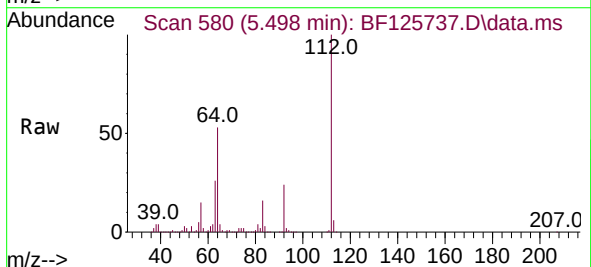
Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-03-(SA)

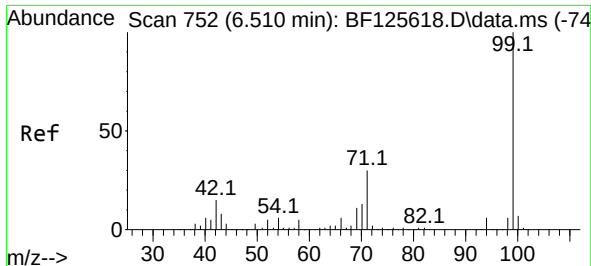
Tgt Ion:152 Resp: 222812
 Ion Ratio Lower Upper
 152 100
 150 156.9 117.6 176.4
 115 55.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 47.104 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.006 min
 Lab File: BF125737.D
 Acq: 30 Sep 2021 17:08

Tgt Ion:112 Resp: 637021
 Ion Ratio Lower Upper
 112 100
 64 52.8 44.2 66.2
 63 26.0 26.2 39.2#

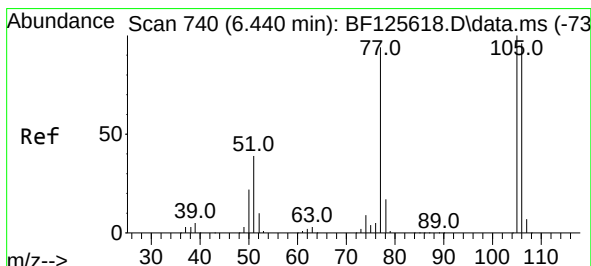
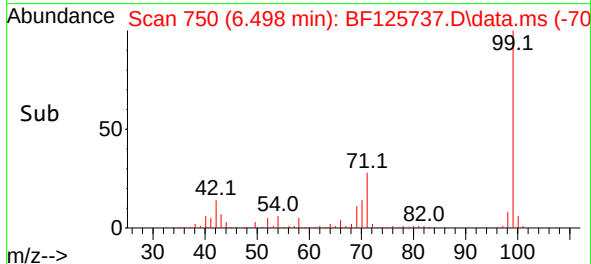
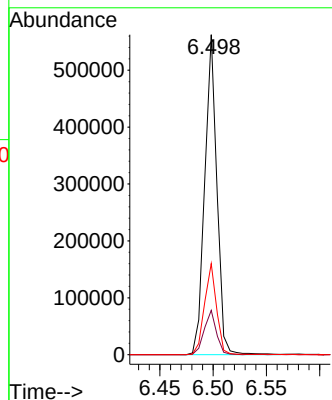
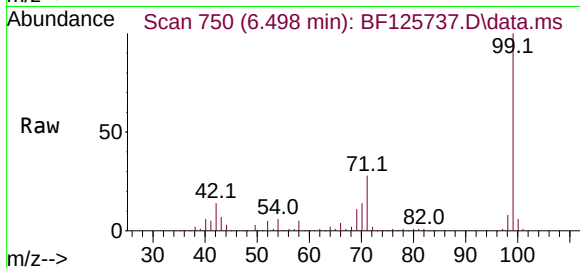




#7
Phenol-d6
Concen: 24.652 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

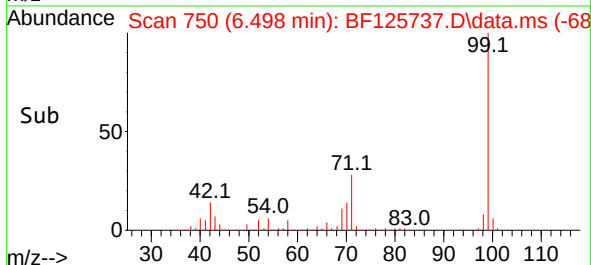
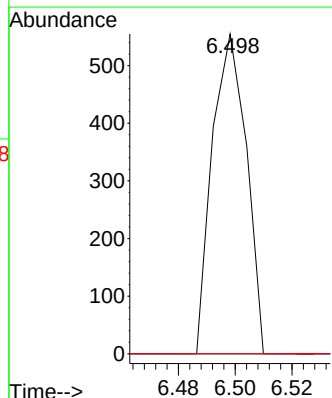
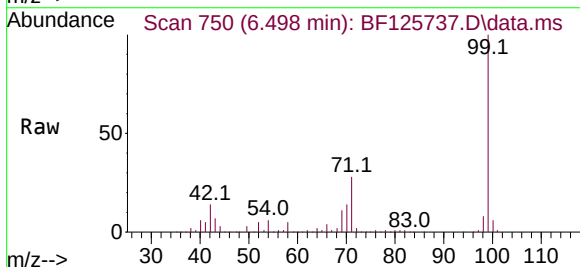
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

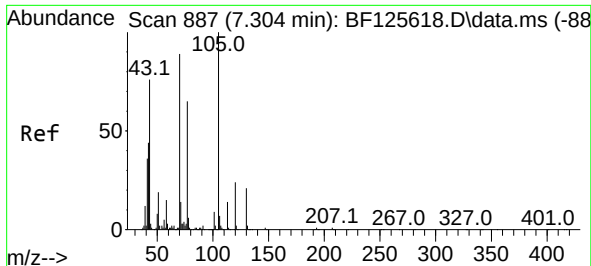
Tgt Ion: 99 Resp: 448220
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 28.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.058 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

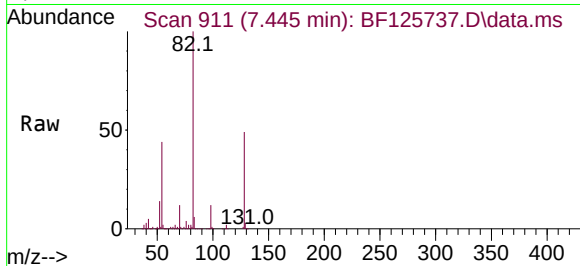
Tgt Ion: 77 Resp: 463
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



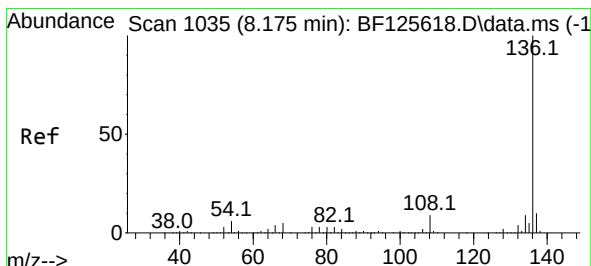
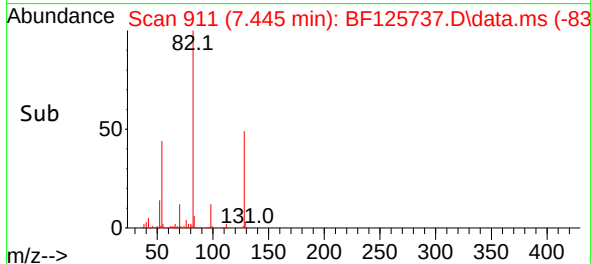
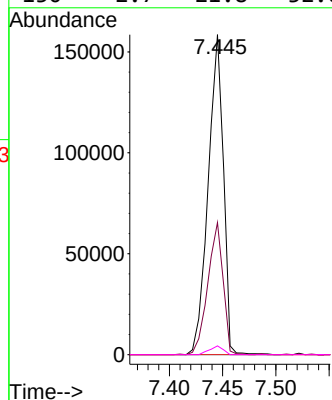


#19
n-Nitroso-di-n-propylamine
Concen: 15.259 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

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

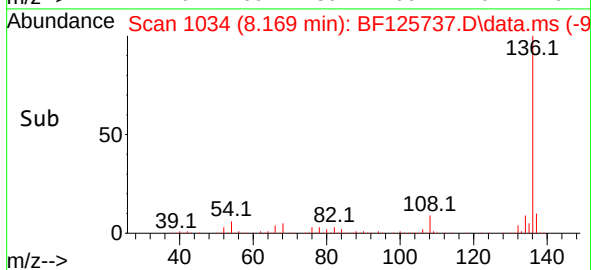
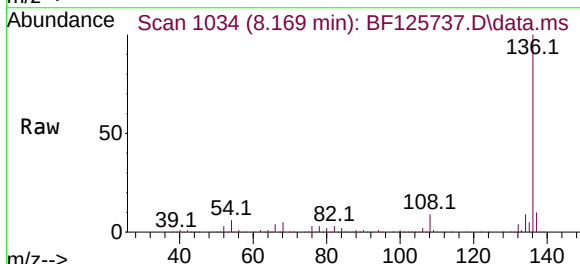
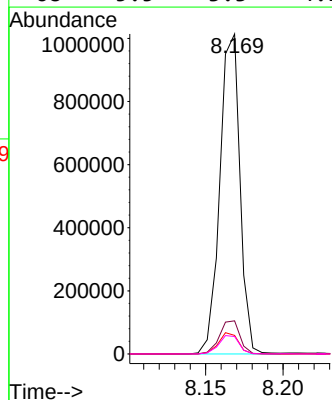


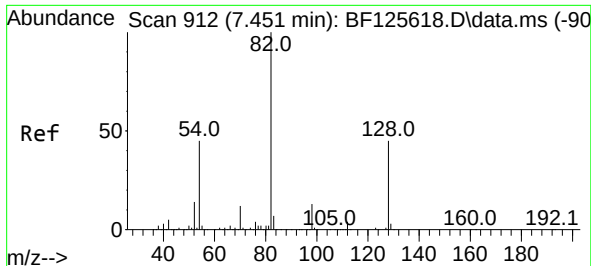
Tgt Ion: 70 Resp: 157964
Ion Ratio Lower Upper
70 100
42 41.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion: 136 Resp: 916618
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.8 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 96.889 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125737.D

Acq: 30 Sep 2021 17:08

Instrument :

BNA_F

ClientSampleId :

SW-RR-03-(SA)

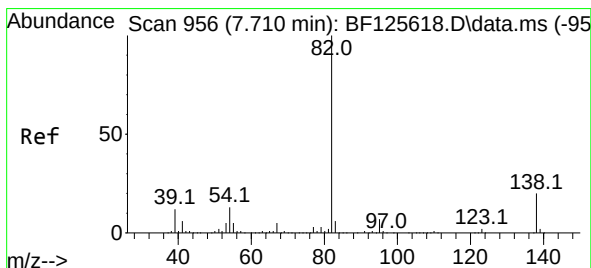
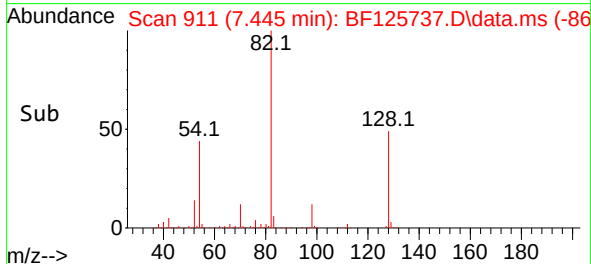
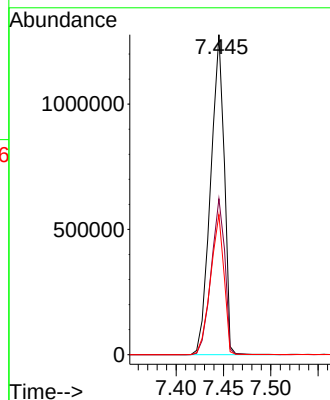
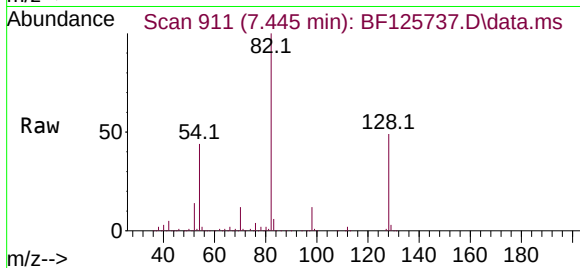
Tgt Ion: 82 Resp: 1273255

Ion Ratio Lower Upper

82 100

128 48.7 40.6 60.8

54 43.8 49.6 74.4#



#25

Isophorone

Concen: 43.127 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125737.D

Acq: 30 Sep 2021 17:08

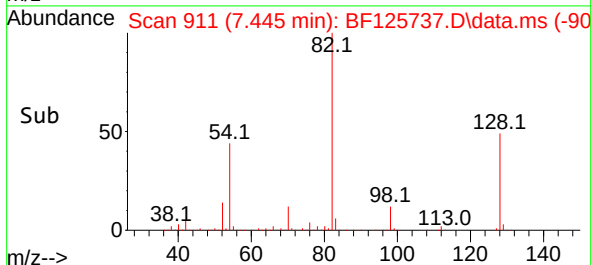
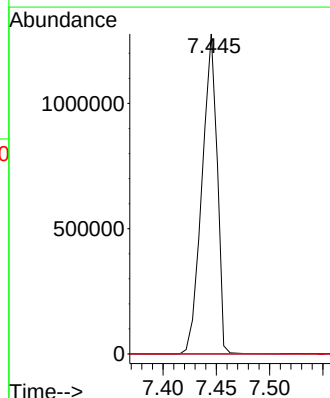
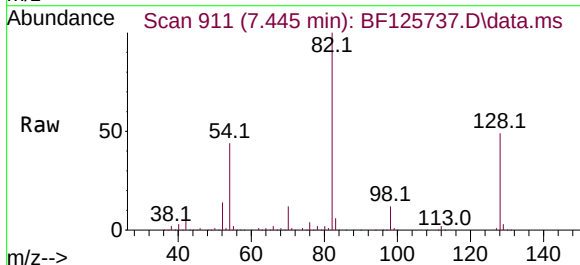
Tgt Ion: 82 Resp: 1269254

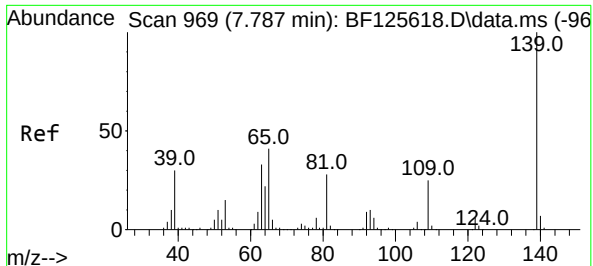
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

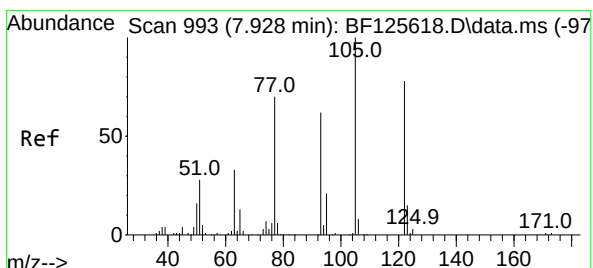
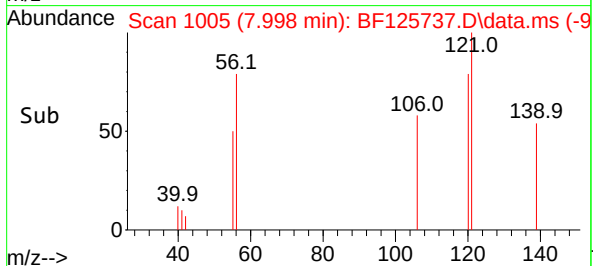
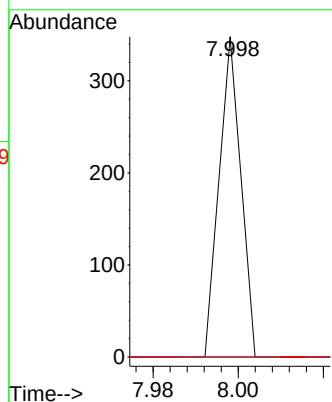
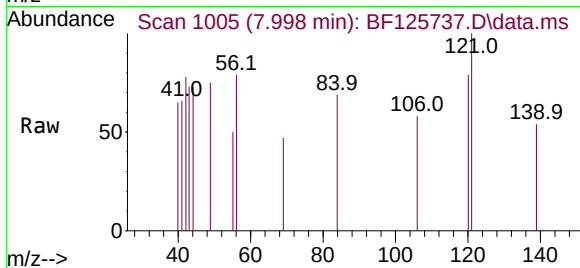




#26
2-Nitrophenol
Concen: 5.749 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

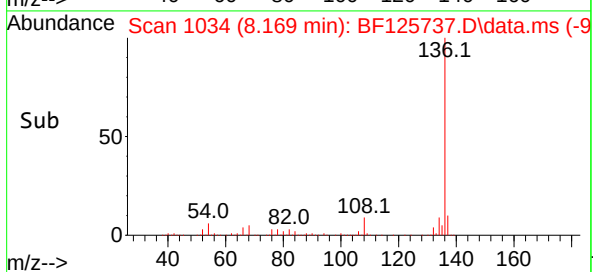
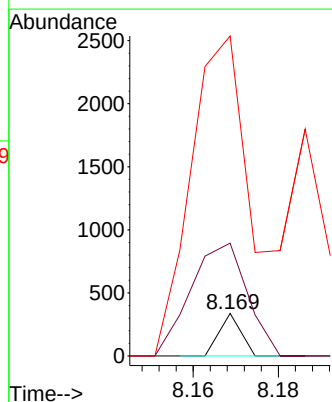
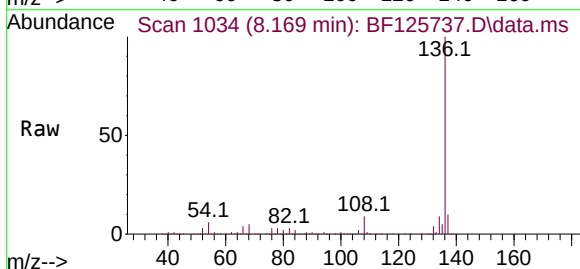
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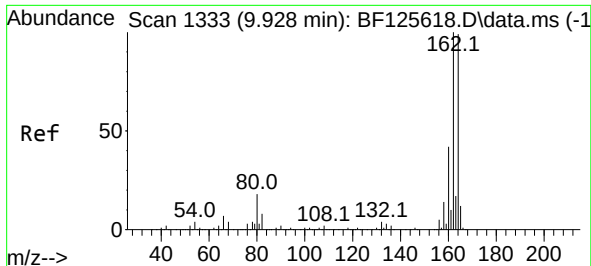
Tgt Ion:	139	Resp:	123
Ion	Ratio	Lower	Upper
139	100		
109	0.0	26.0	39.0#
65	0.0	31.0	46.4#



#32
Benzoic acid
Concen: 8.638 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion:	122	Resp:	119
Ion	Ratio	Lower	Upper
122	100		
105	265.3	97.6	137.6#
77	752.8	59.6	99.6#

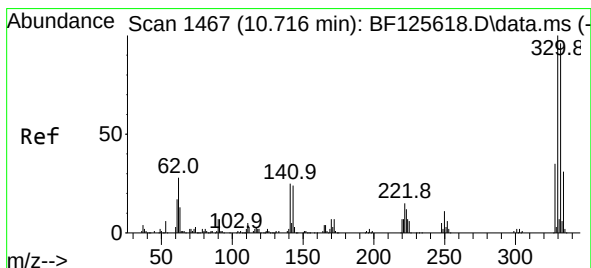
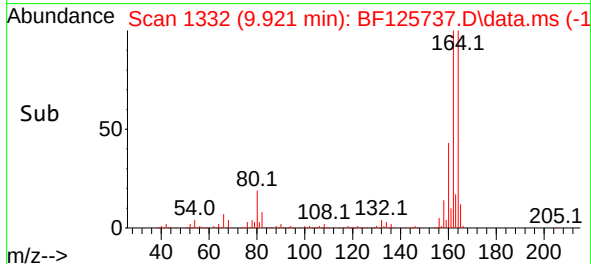
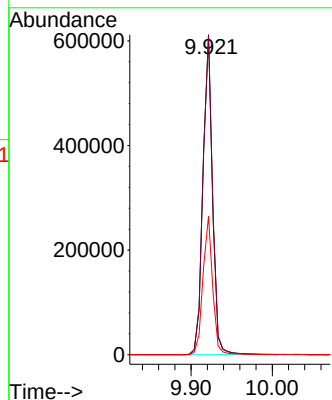
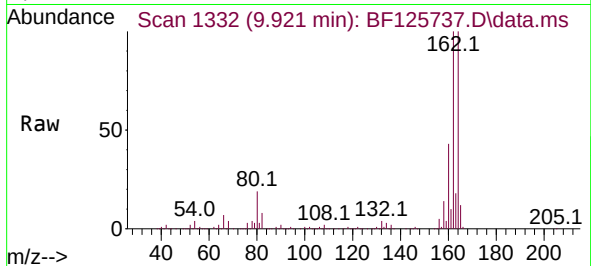




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

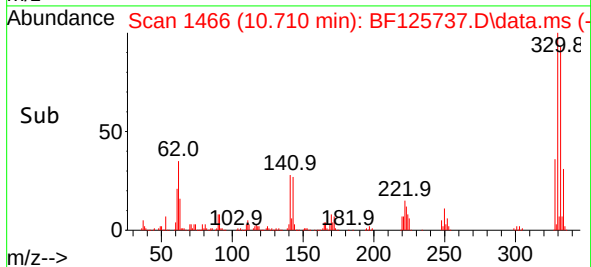
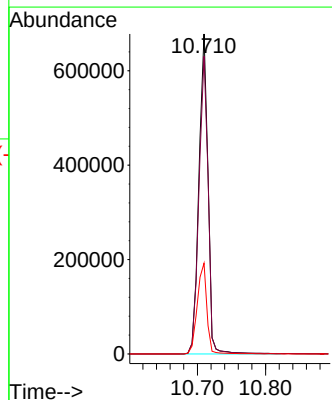
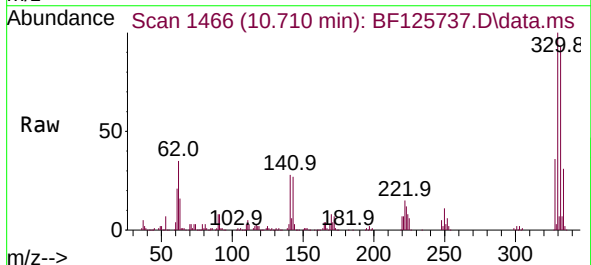
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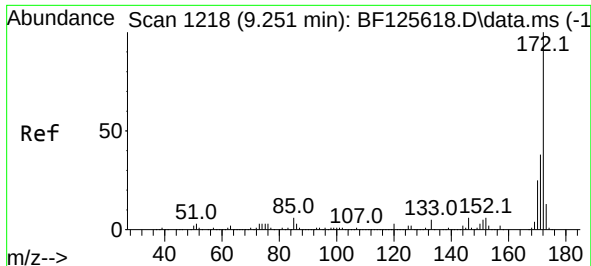
Tgt Ion:164 Resp: 498482
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 135.399 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion:330 Resp: 629293
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 29.9 44.6 66.8#

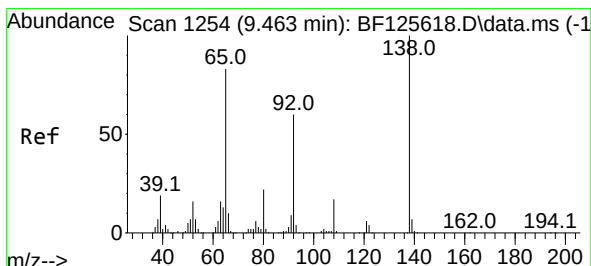
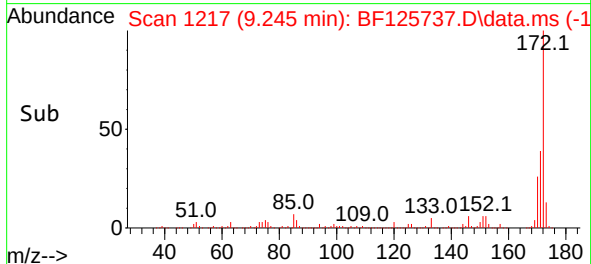
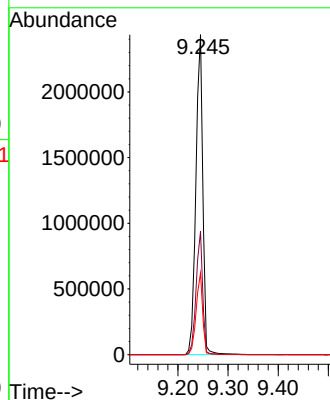
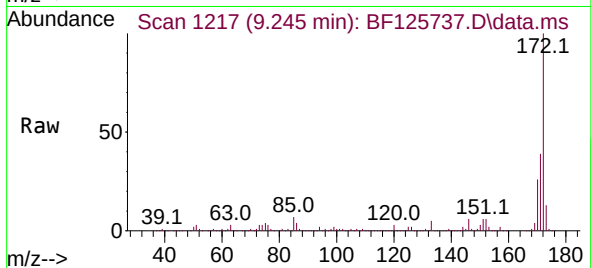




#45
2-Fluorobiphenyl
Concen: 84.015 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

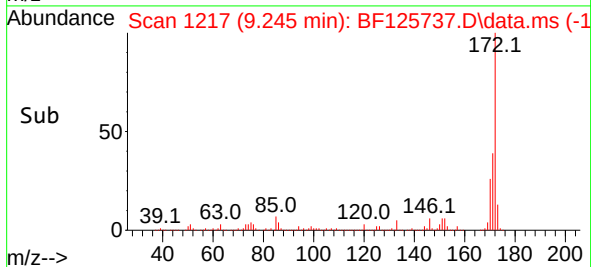
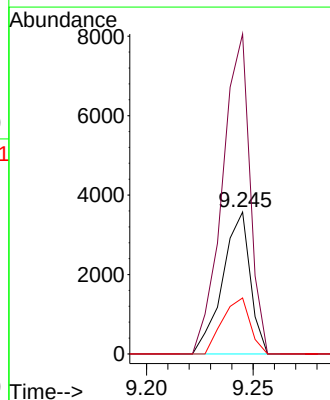
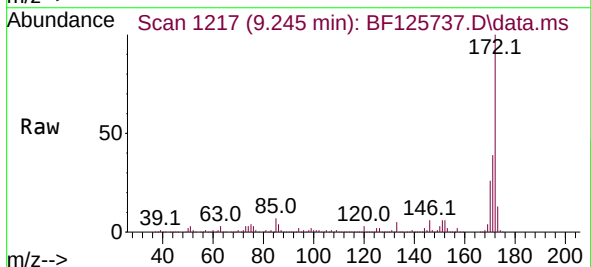
Instrument :
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SW-RR-03-(SA)

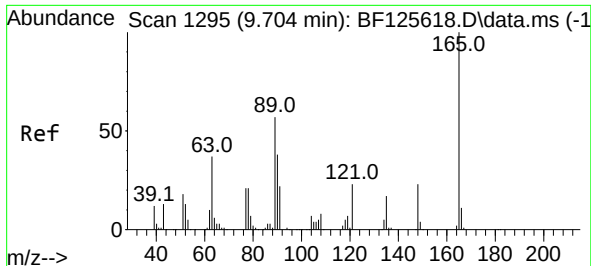
Tgt Ion:172 Resp: 2335078
Ion Ratio Lower Upper
172 100
171 38.5 26.5 39.7
170 25.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.568 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion: 65 Resp: 3225
Ion Ratio Lower Upper
65 100
92 225.6 55.5 83.3#
138 39.5 93.5 140.3#

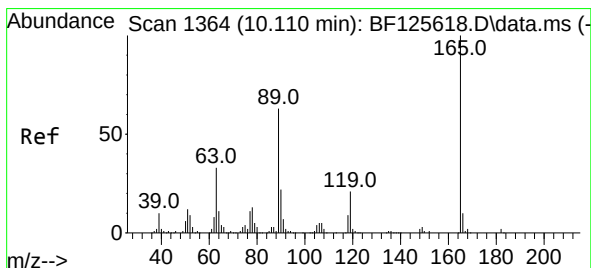
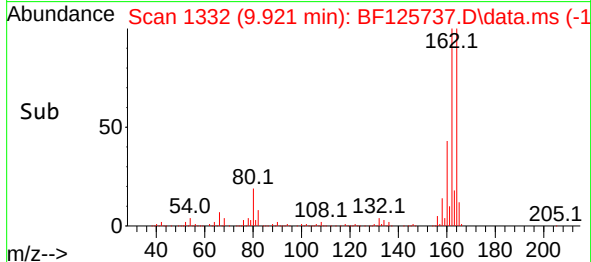
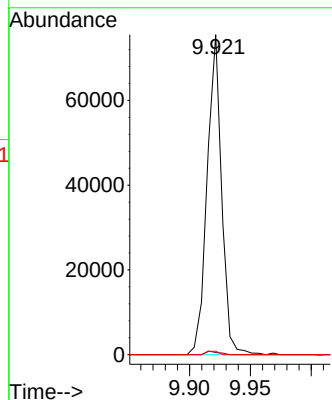
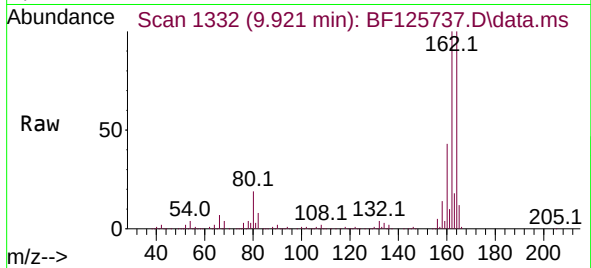




#51
2,6-Dinitrotoluene
Concen: 12.495 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

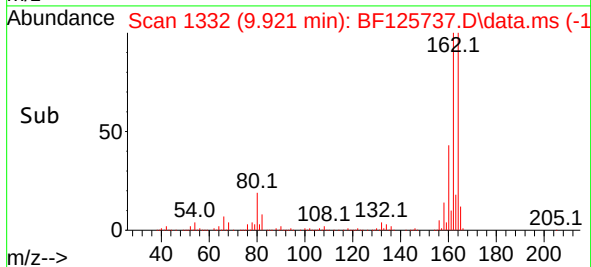
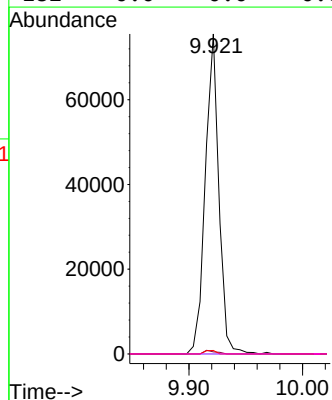
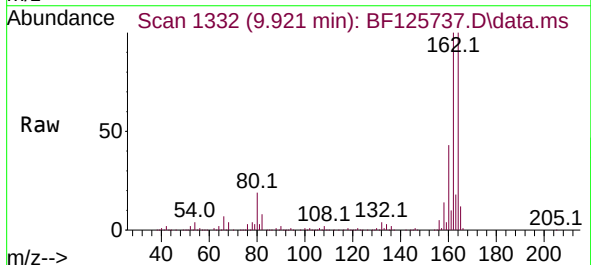
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

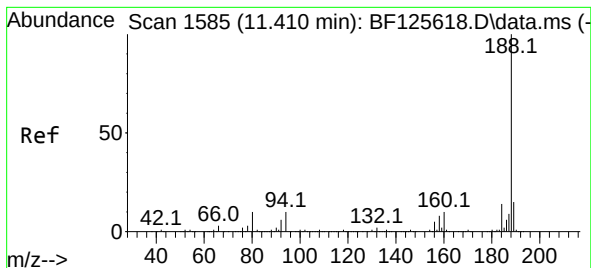
Tgt Ion:165 Resp: 62694
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.415 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion:165 Resp: 62695
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

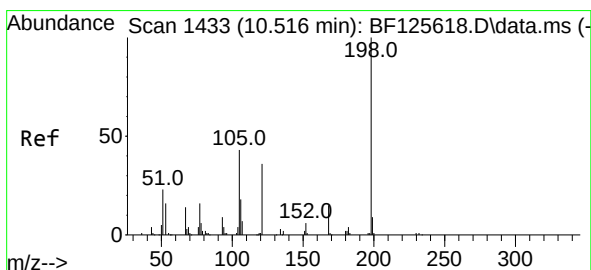
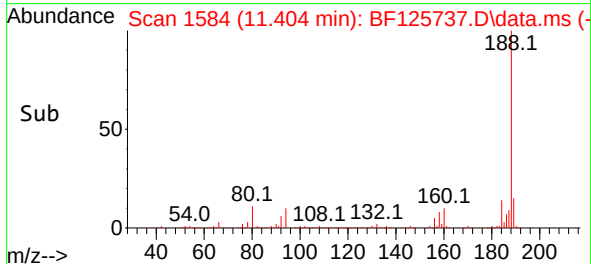
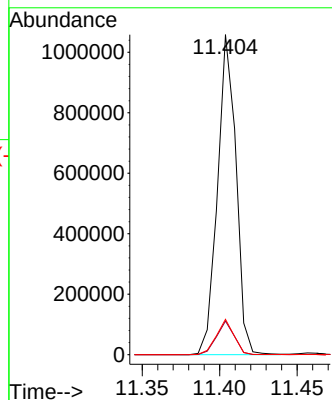
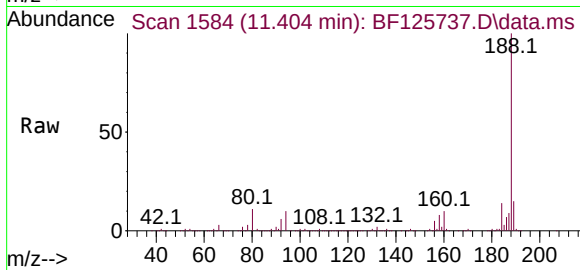




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

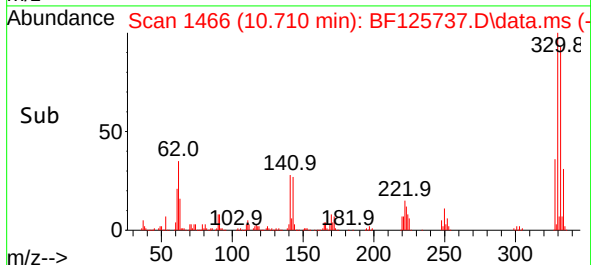
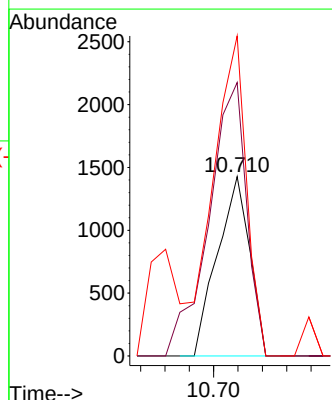
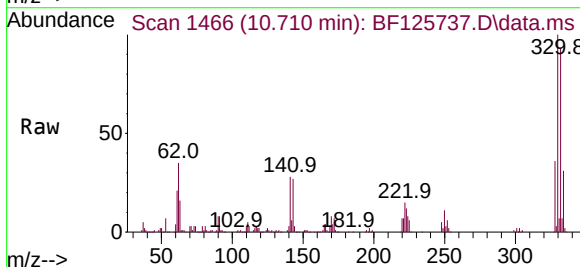
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

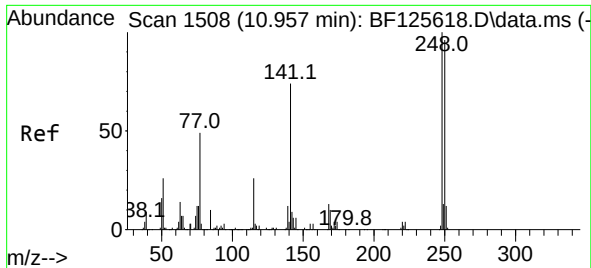
Tgt Ion:188 Resp: 879439
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 11.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.263 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion:198 Resp: 1316
Ion Ratio Lower Upper
198 100
51 152.5 45.3 85.3#
105 178.4 30.6 70.6#

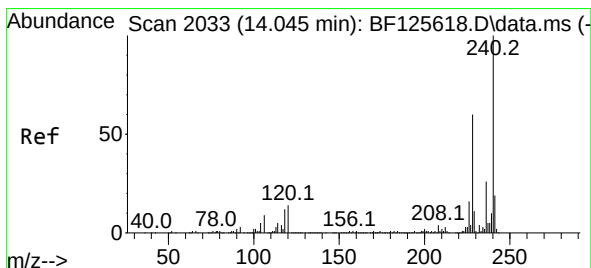
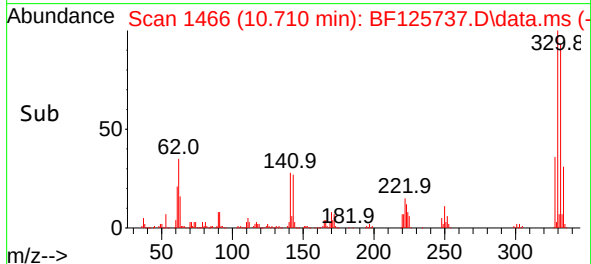
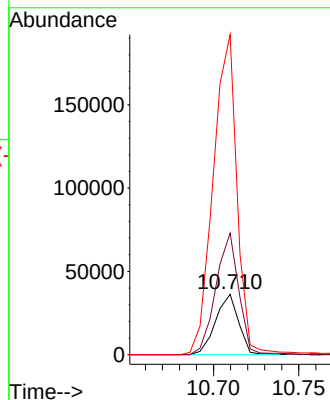
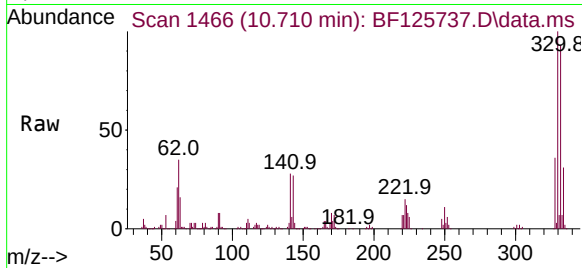




#67
4-Bromophenyl-phenylether
Concen: 3.692 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

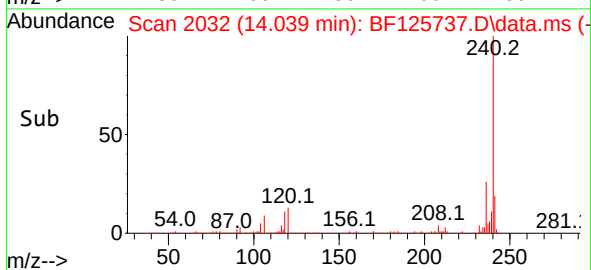
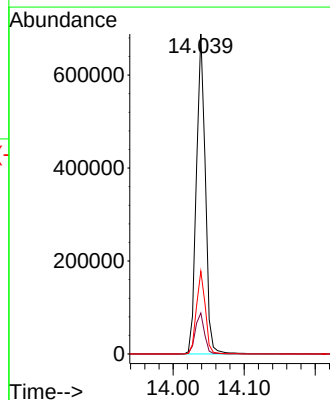
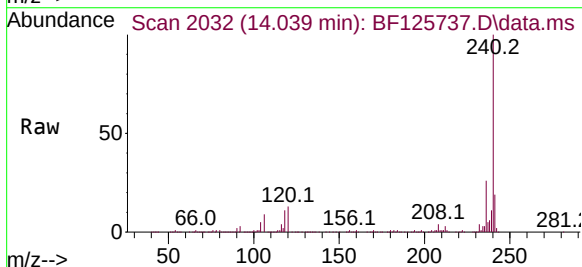
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

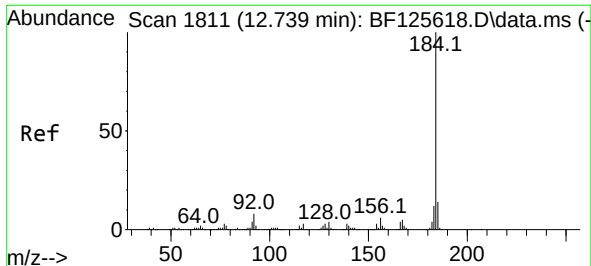
Tgt Ion:248 Resp: 34072
Ion Ratio Lower Upper
248 100
250 201.4 74.2 111.4#
141 529.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion:240 Resp: 606418
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 25.9 21.6 32.4

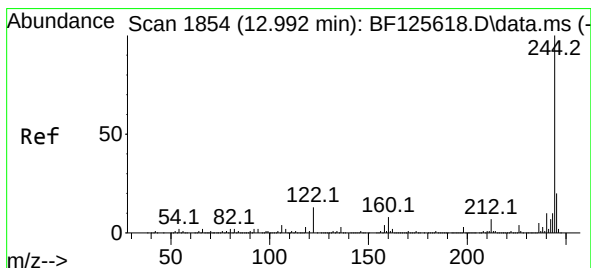
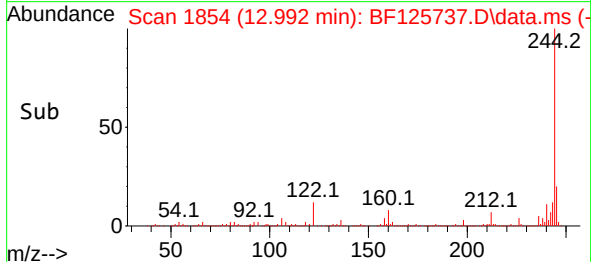
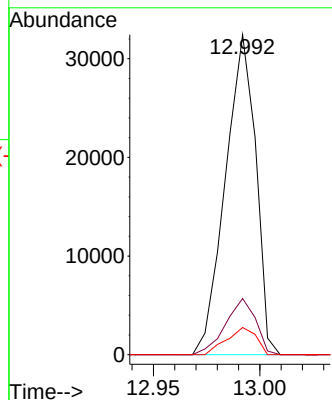
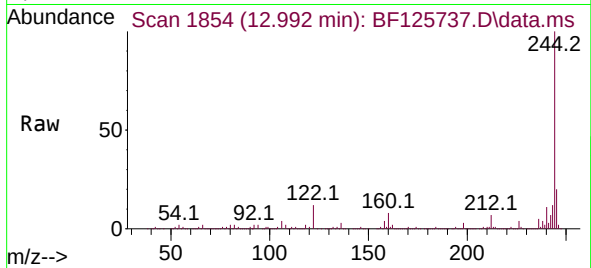




#77
Benzidine
Concen: 2.023 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

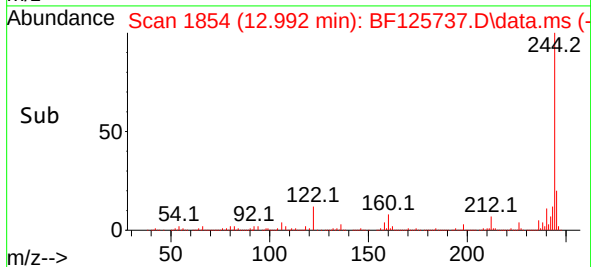
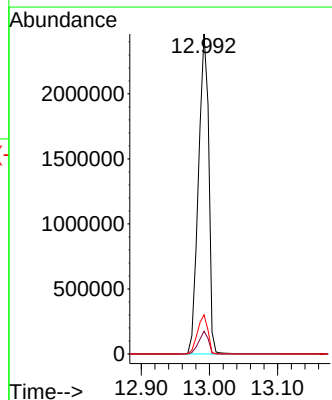
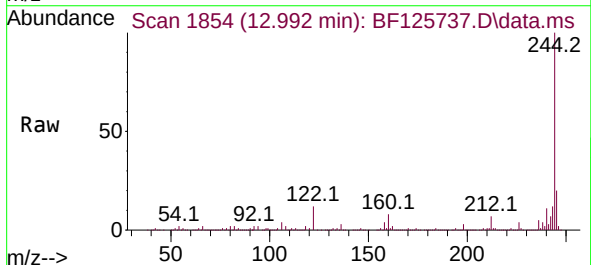
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

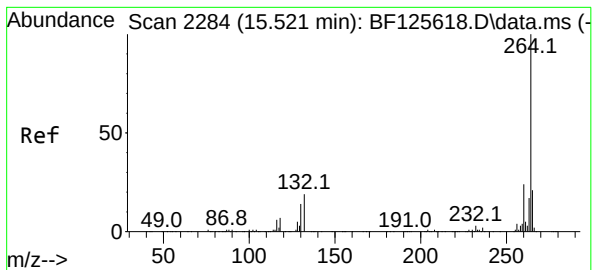
Tgt Ion:184 Resp: 32228
Ion Ratio Lower Upper
184 100
185 17.5 10.8 16.2#
183 8.5 8.1 12.1



#79
Terphenyl-d14
Concen: 73.658 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125737.D
Acq: 30 Sep 2021 17:08

Tgt Ion:244 Resp: 2579316
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.3 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: BF125737.D
 Acq: 30 Sep 2021 17:08

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

Tgt Ion:264	Resp:	484006
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.6 29.4
265	20.8	17.2 25.8

