

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125689.D
 Acq On : 28 Sep 2021 15:20
 Operator : JU/CG
 Sample : M3953-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 28 17:52:46 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)

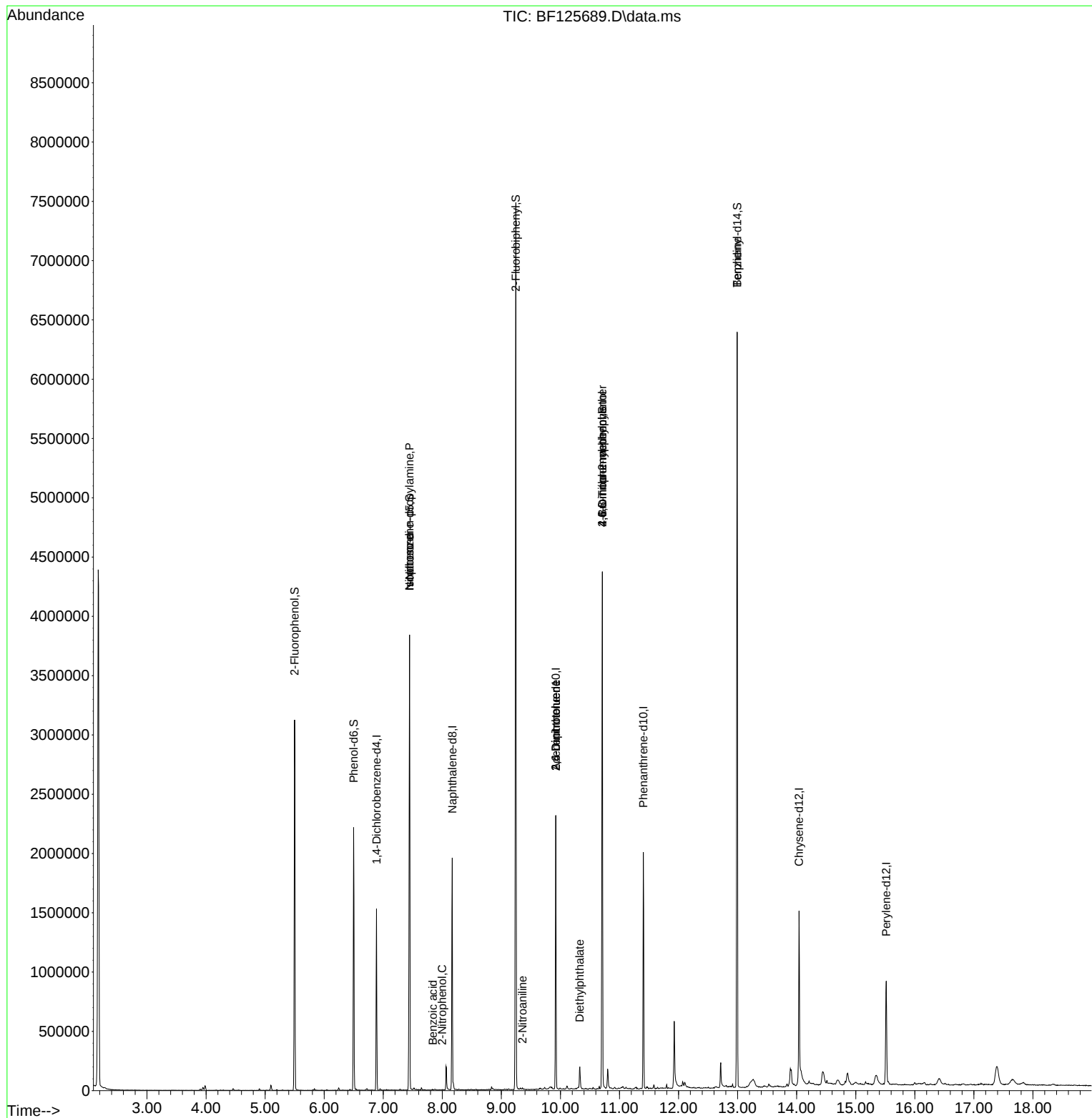
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	207048	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	845858	20.000	ng	# 0.00
39) Acenaphthene-d10	9.921	164	431279	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	705660	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	427749	20.000	ng	0.00
86) Perylene-d12	15.515	264	394339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	977585	77.790	ng	0.00
7) Phenol-d6	6.498	99	750482	44.420	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1303583	107.495	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	574421	142.851	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2341706	99.908	ng	0.00
79) Terphenyl-d14	12.992	244	2199472	89.047	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	233	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	163400	16.986	ng	# 52
25) Isophorone	7.445	82	1299865	47.862	ng	# 59
26) 2-Nitrophenol	7.998	139	128	5.751	ng	# 39
32) Benzoic acid	7.839	122	245	8.651	ng	94
48) 2-Nitroaniline	9.357	65	132	4.177	ng	# 1
51) 2,6-Dinitrotoluene	9.921	165	54290	12.502	ng	# 27
57) 2,4-Dinitrotoluene	9.921	165	54290	11.421	ng	# 19
60) Diethylphthalate	10.327	149	94694	3.381	ng	99
65) 4,6-Dinitro-2-methylph...	10.710	198	1260	9.311	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	31977	4.318	ng	# 1
77) Benzidine	12.992	184	28097	2.500	ng	96

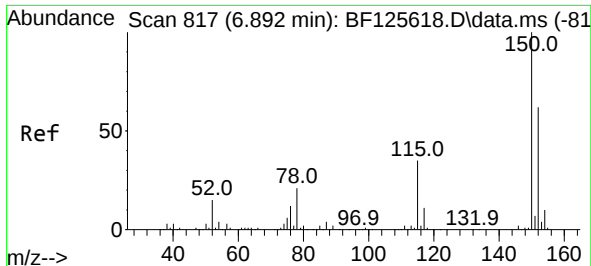
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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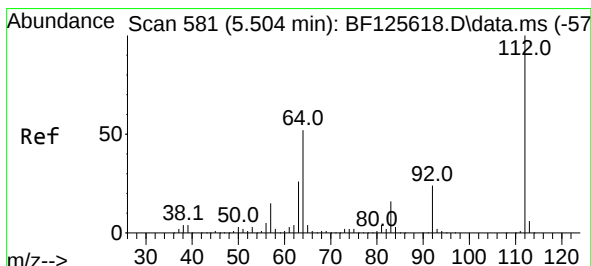
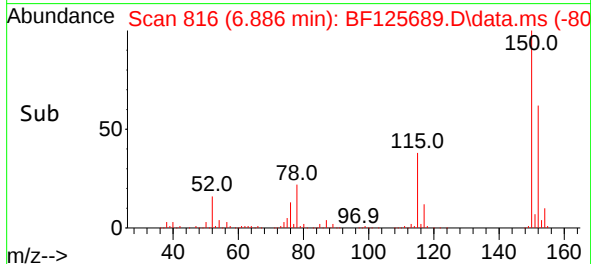
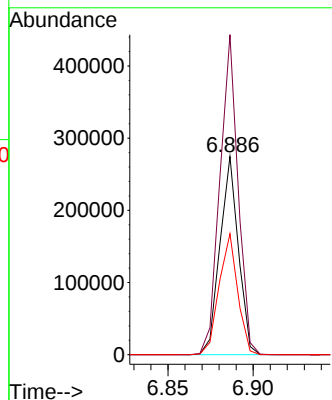
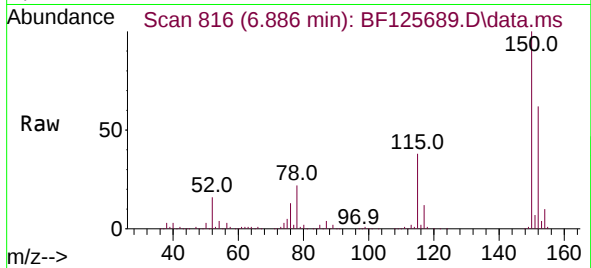




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

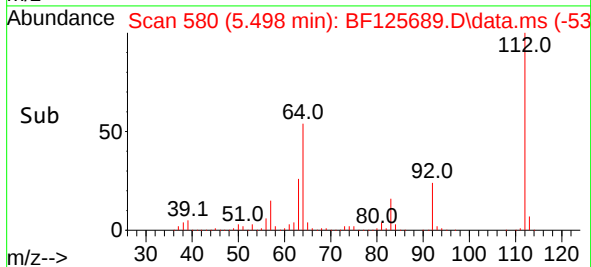
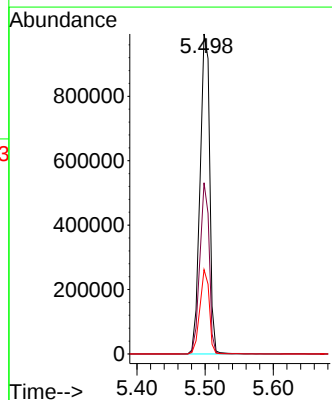
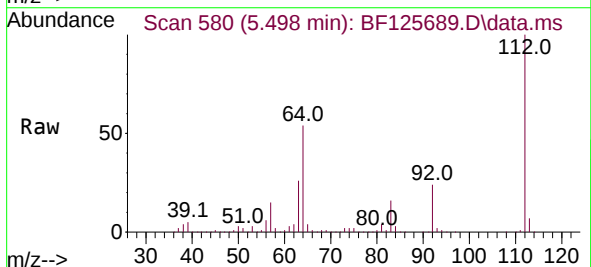
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

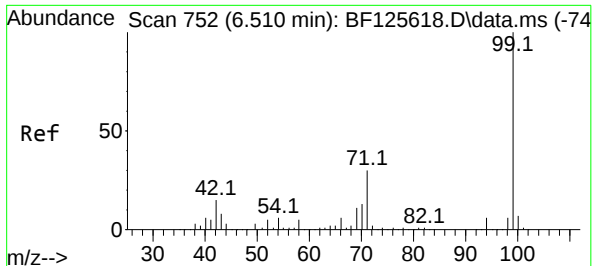
Tgt Ion:152 Resp: 207048
Ion Ratio Lower Upper
152 100
150 161.5 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 77.790 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion:112 Resp: 977585
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 26.4 26.2 39.2

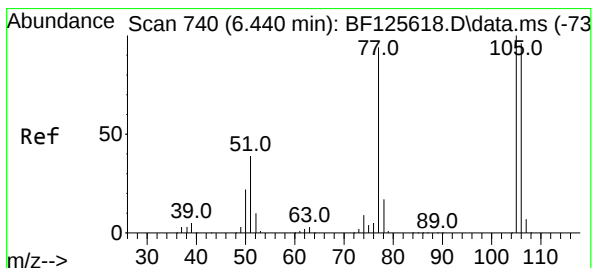
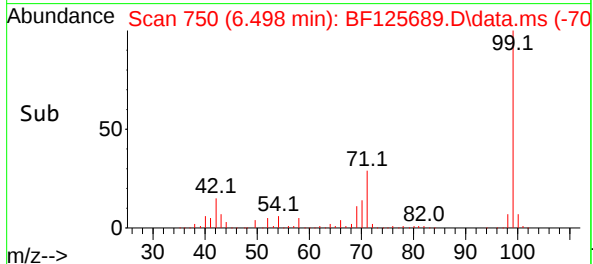
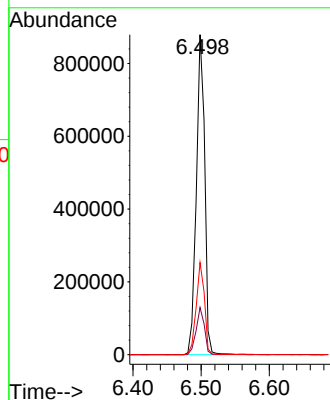
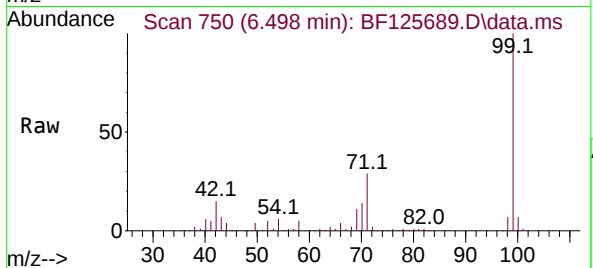




#7
Phenol-d6
Concen: 44.420 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

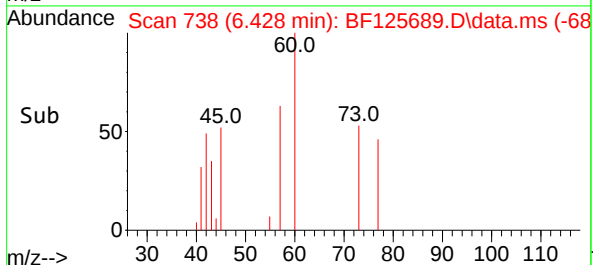
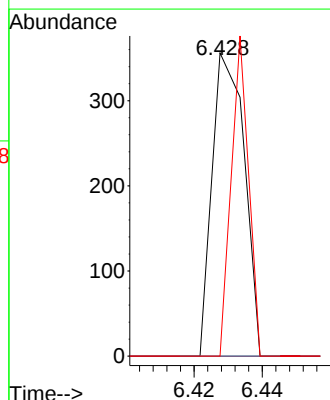
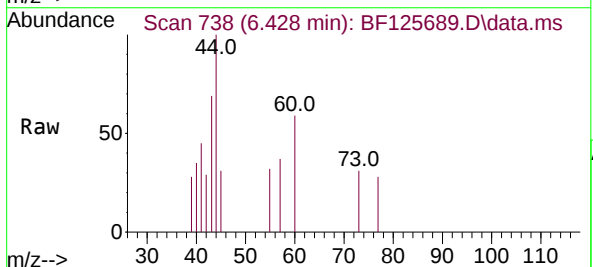
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

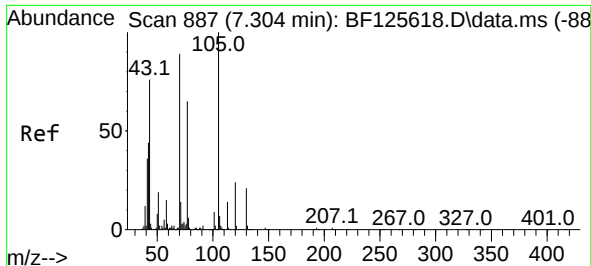
Tgt Ion: 99 Resp: 750482
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 28.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

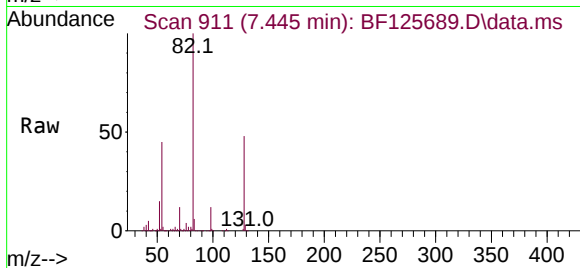
Tgt Ion: 77 Resp: 233
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



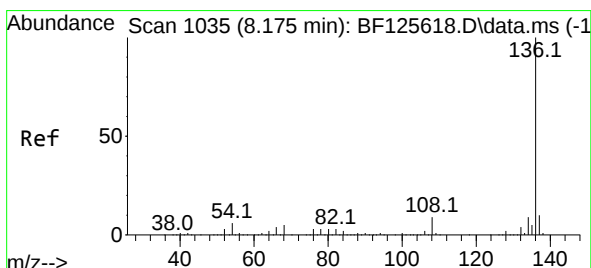
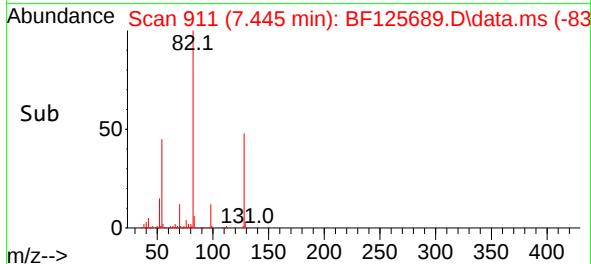
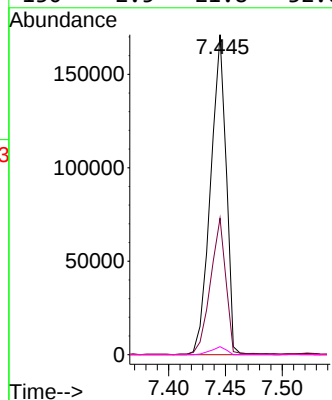


#19
n-Nitroso-di-n-propylamine
Concen: 16.986 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

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

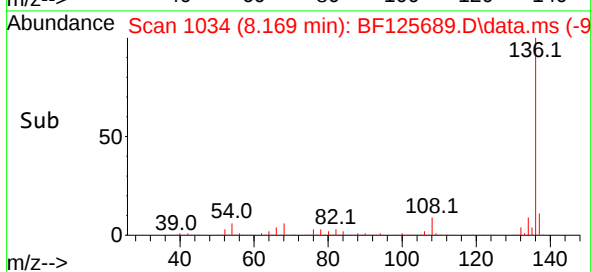
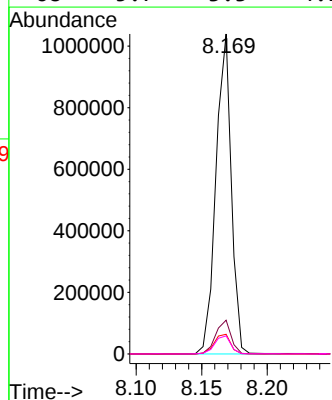
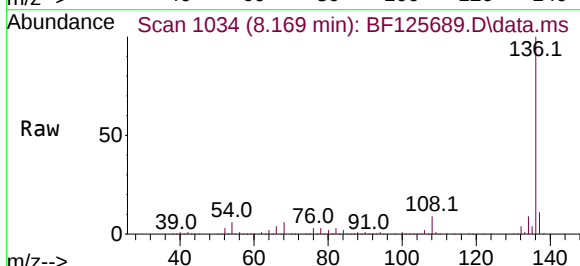


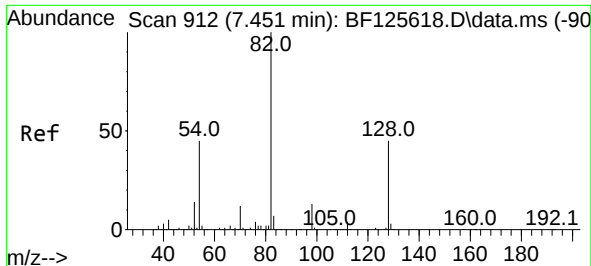
Tgt Ion: 70 Resp: 163400
Ion Ratio Lower Upper
70 100
42 42.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion: 136 Resp: 845858
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.2 6.4 9.6#
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 107.495 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125689.D

Acq: 28 Sep 2021 15:20

Instrument :

BNA_F

ClientSampleId :

SW-RR-03-(SA)

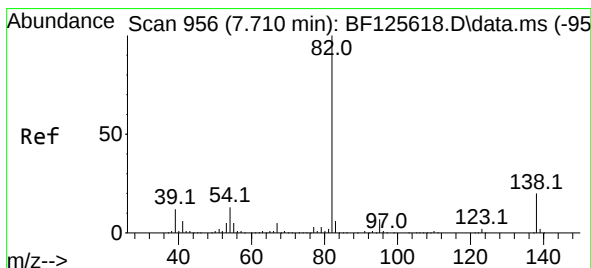
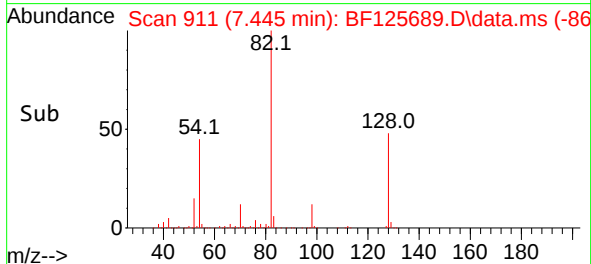
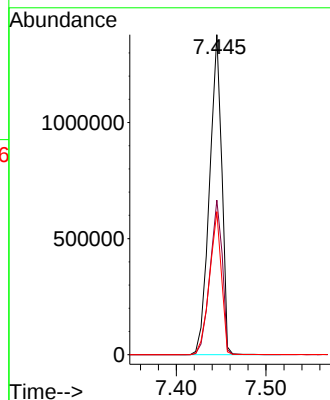
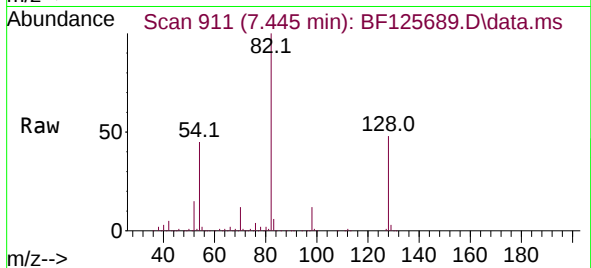
Tgt Ion: 82 Resp: 1303583

Ion Ratio Lower Upper

82 100

128 48.3 40.6 60.8

54 44.7 49.6 74.4#



#25

Isophorone

Concen: 47.862 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125689.D

Acq: 28 Sep 2021 15:20

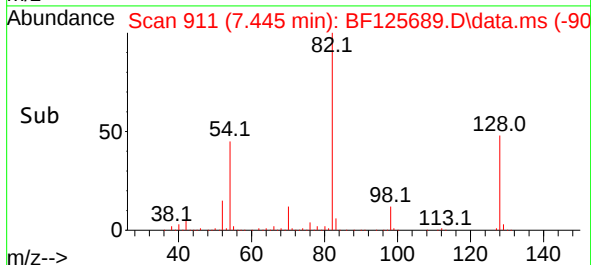
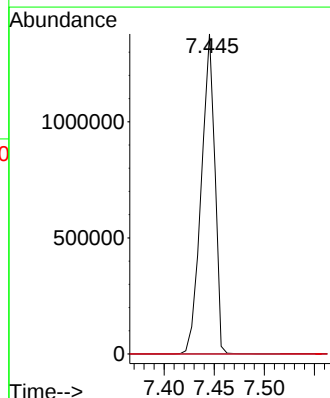
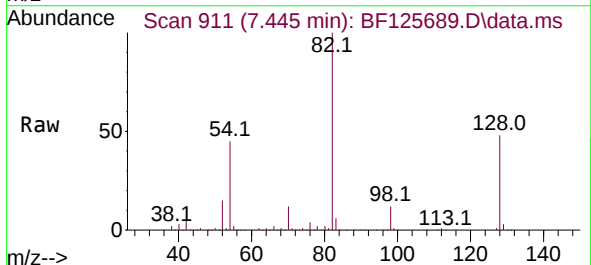
Tgt Ion: 82 Resp: 1299865

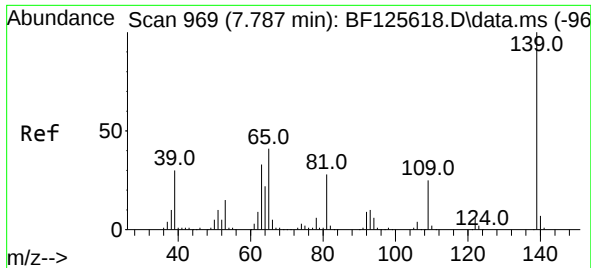
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

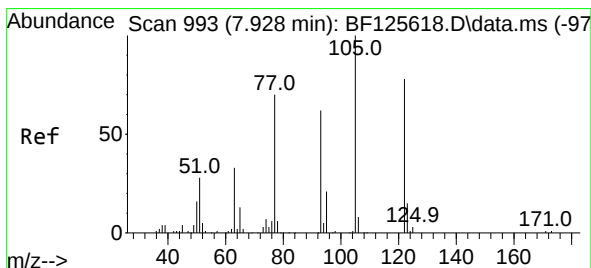
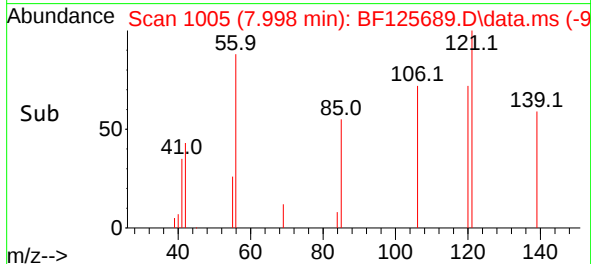
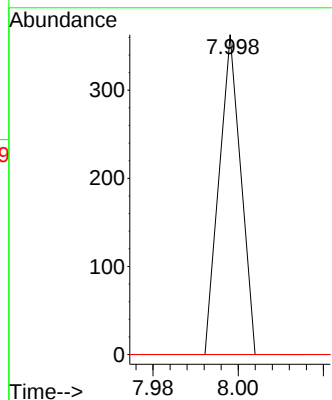
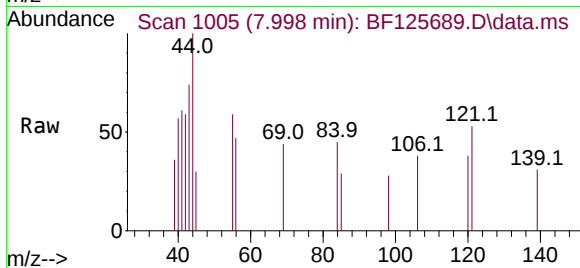




#26
2-Nitrophenol
Concen: 5.751 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

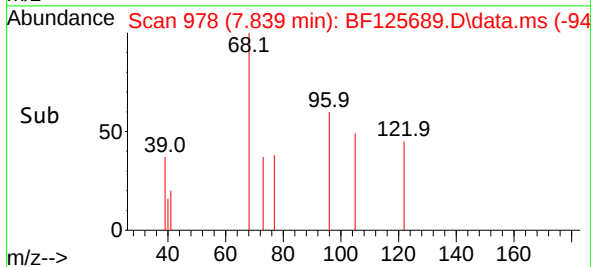
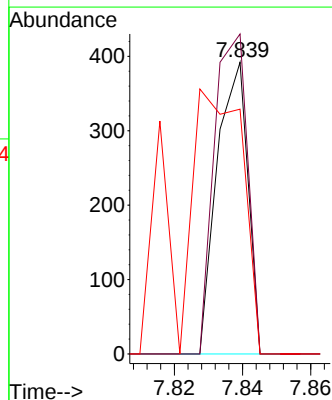
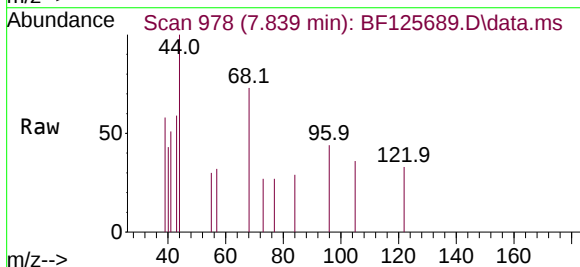
Instrument :
BNA_F
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SW-RR-03-(SA)

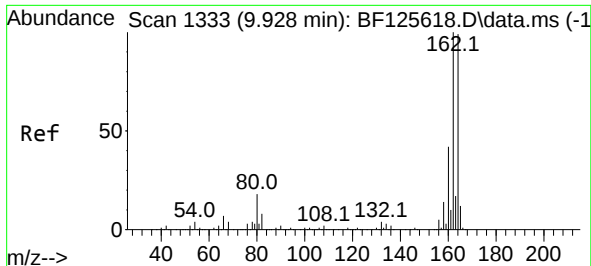
Tgt Ion:139 Resp: 128
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.651 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.089 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion:122 Resp: 245
Ion Ratio Lower Upper
122 100
105 109.7 97.6 137.6
77 83.9 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: BF125689.D

Acq: 28 Sep 2021 15:20

Instrument :

BNA_F

ClientSampleId :

SW-RR-03-(SA)

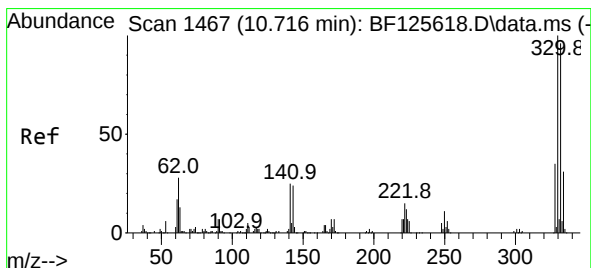
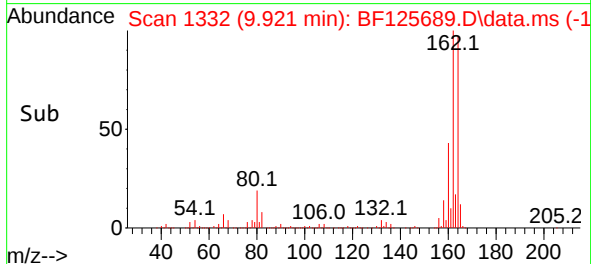
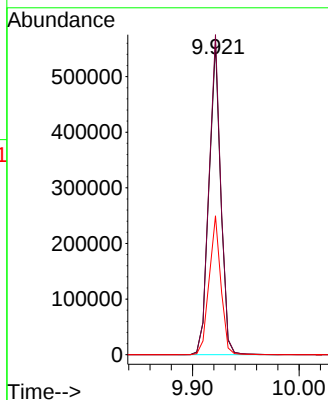
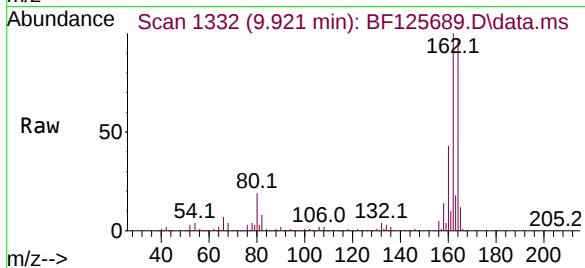
Tgt Ion:164 Resp: 431279

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 44.6 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 142.851 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125689.D

Acq: 28 Sep 2021 15:20

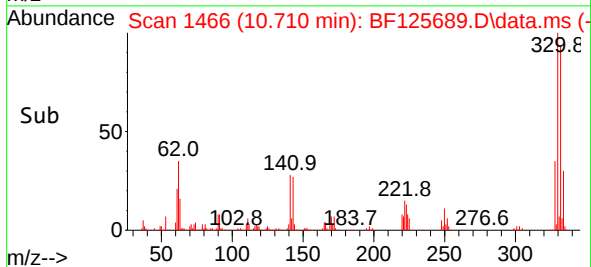
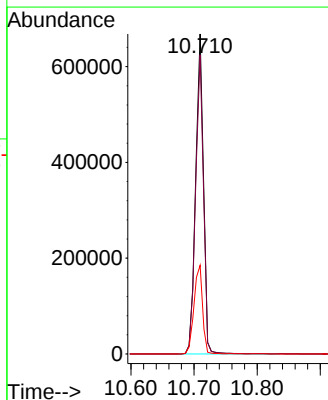
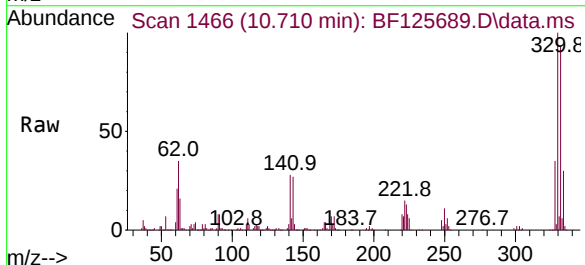
Tgt Ion:330 Resp: 574421

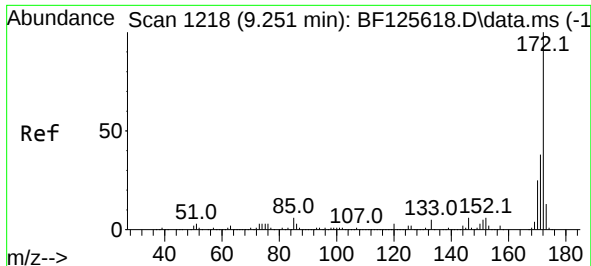
Ion Ratio Lower Upper

330 100

332 94.1 76.2 114.4

141 30.4 44.6 66.8#

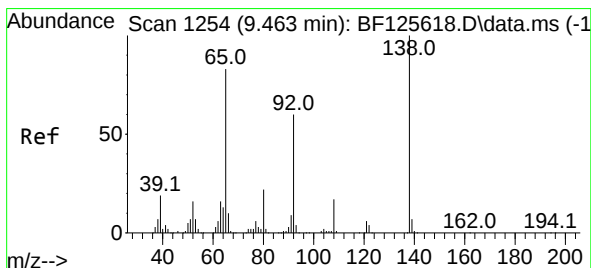
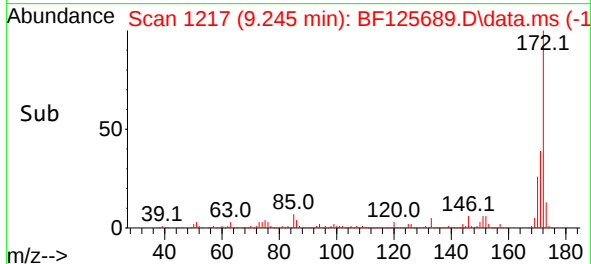
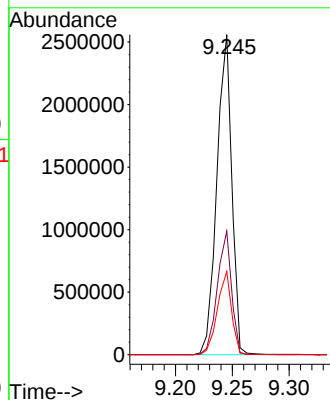
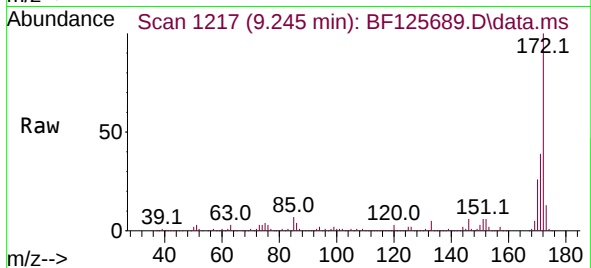




#45
2-Fluorobiphenyl
Concen: 99.908 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

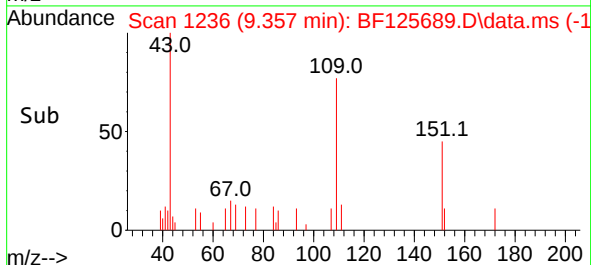
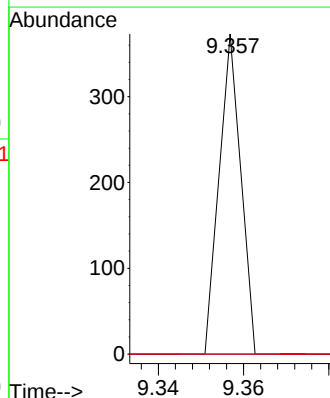
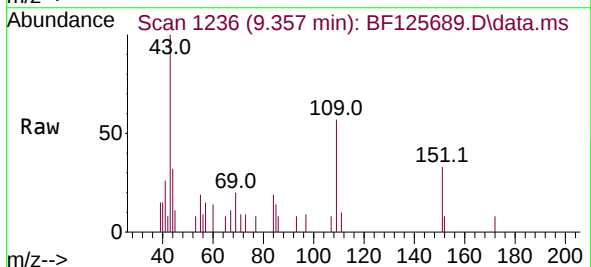
Instrument :
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ClientSampleId :
SW-RR-03-(SA)

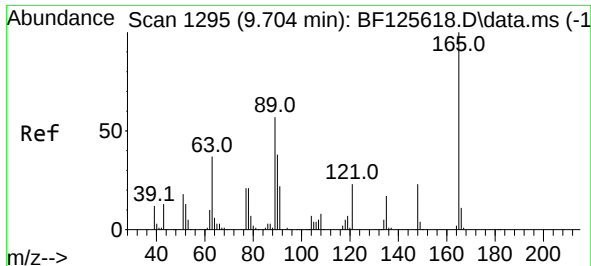
Tgt Ion:172 Resp: 2341706
Ion Ratio Lower Upper
172 100
171 38.6 26.5 39.7
170 26.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.177 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.106 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion: 65 Resp: 132
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

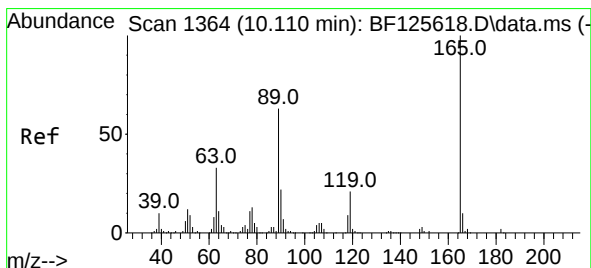
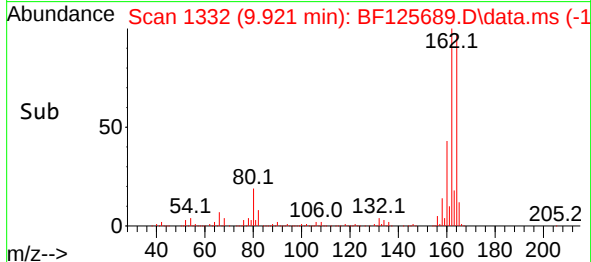
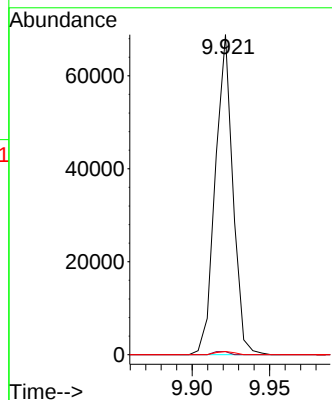
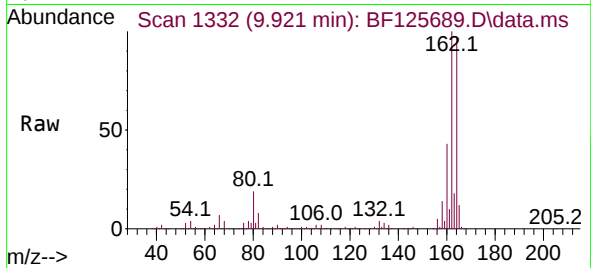




#51
2,6-Dinitrotoluene
Concen: 12.502 ng
RT: 9.921 min Scan# 1332
Delta R.T. 0.217 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

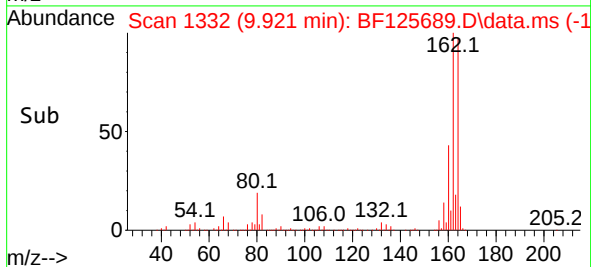
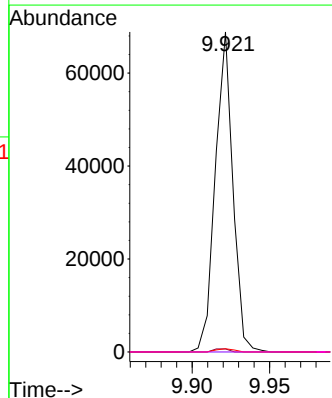
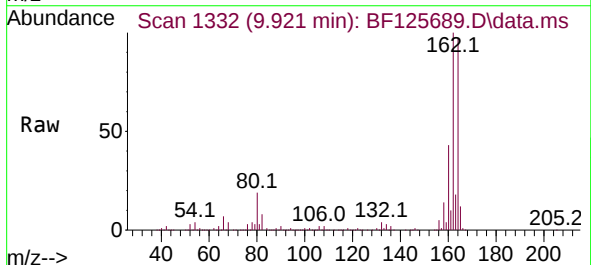
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

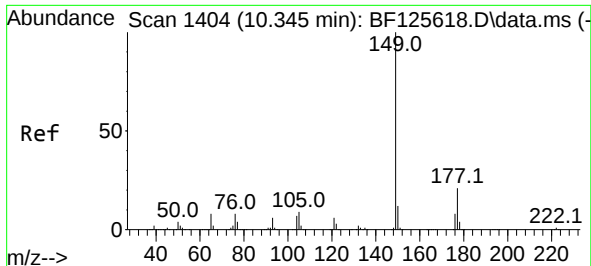
Tgt Ion:165 Resp: 54290
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.421 ng
RT: 9.921 min Scan# 1332
Delta R.T. -0.189 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion:165 Resp: 54290
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

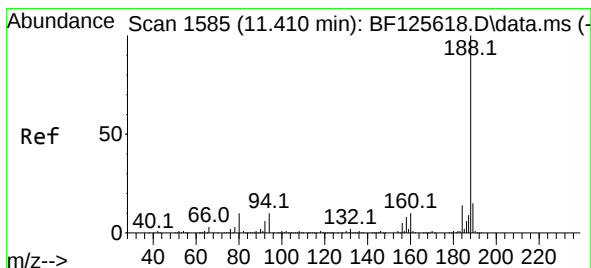
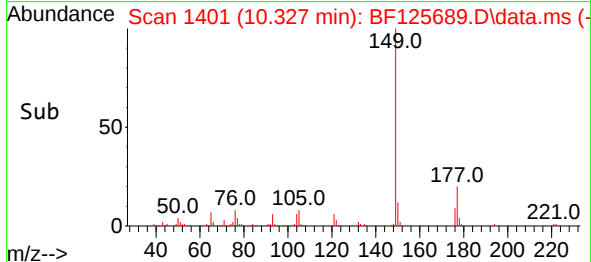
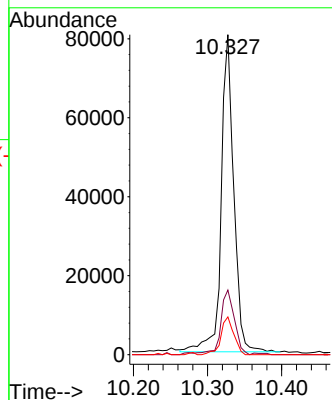
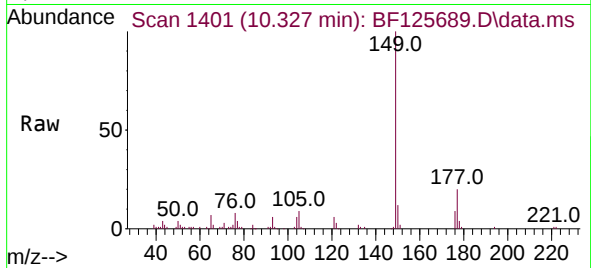




#60
Diethylphthalate
Concen: 3.381 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.018 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

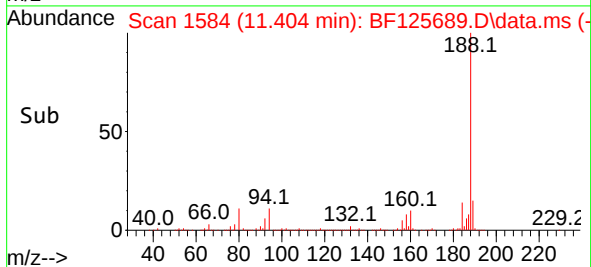
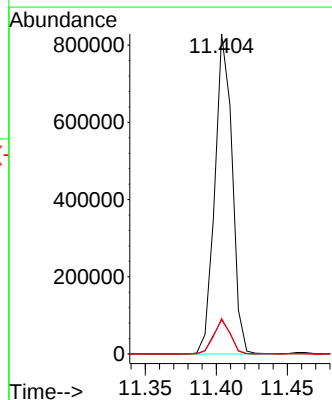
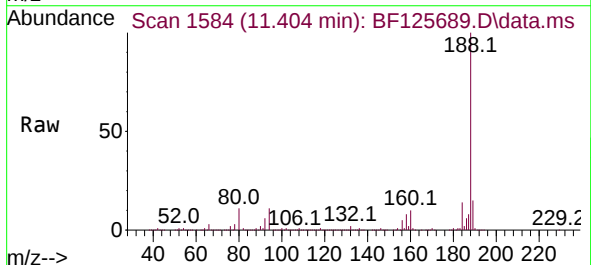
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

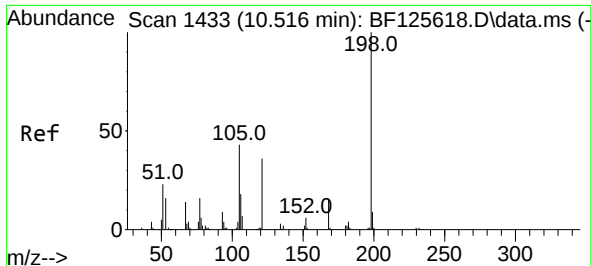
Tgt Ion:149 Resp: 94694
Ion Ratio Lower Upper
149 100
177 20.2 16.5 24.7
150 11.8 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion:188 Resp: 705660
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 11.1 7.5 11.3

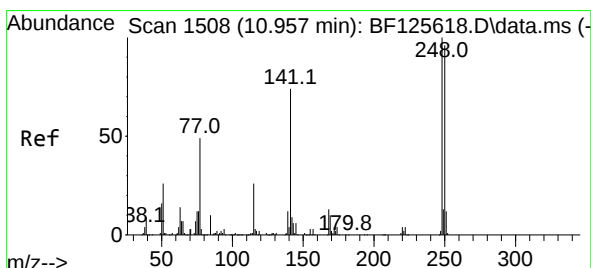
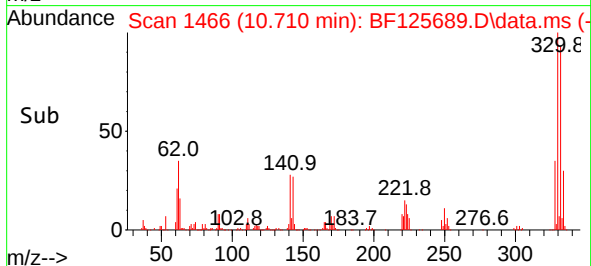
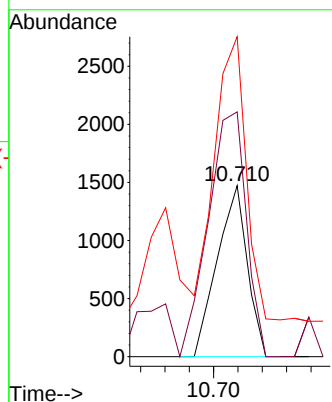
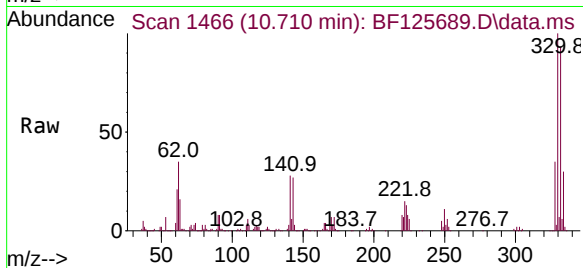




#65
4,6-Dinitro-2-methylphenol
Concen: 9.311 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

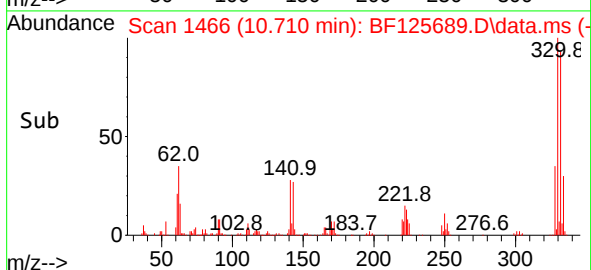
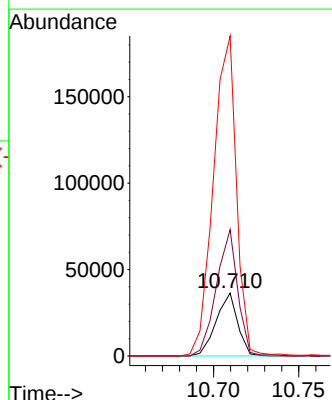
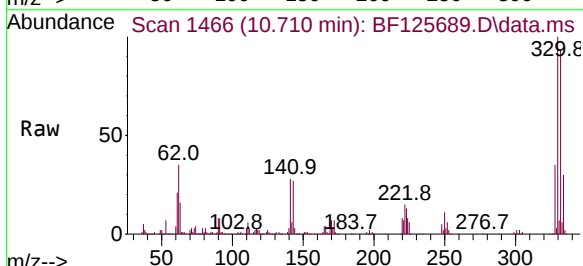
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

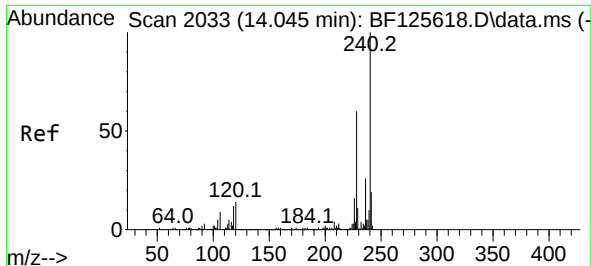
Tgt Ion:198 Resp: 1260
Ion Ratio Lower Upper
198 100
51 143.1 45.3 85.3#
105 187.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.318 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion:248 Resp: 31977
Ion Ratio Lower Upper
248 100
250 201.3 74.2 111.4#
141 509.3 60.4 90.6#

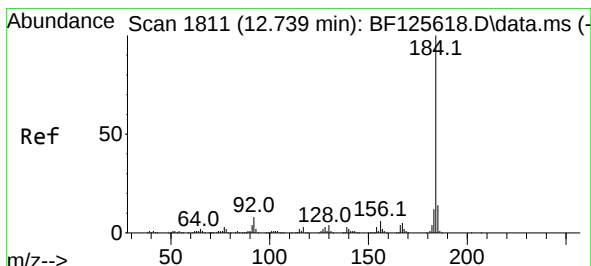
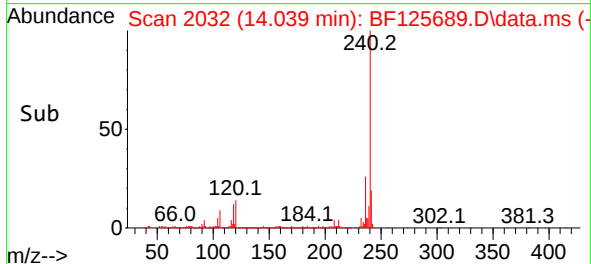
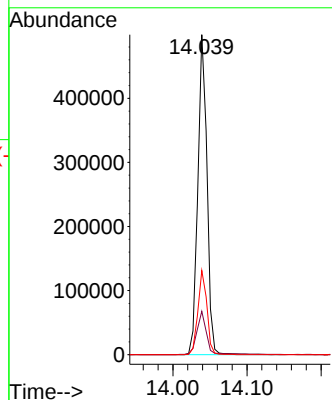
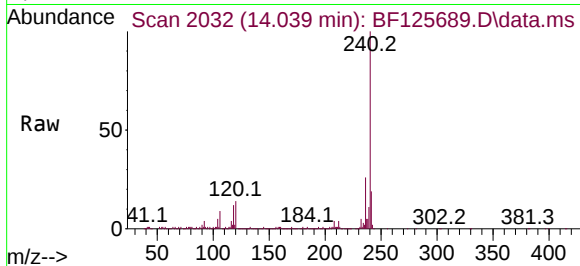




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

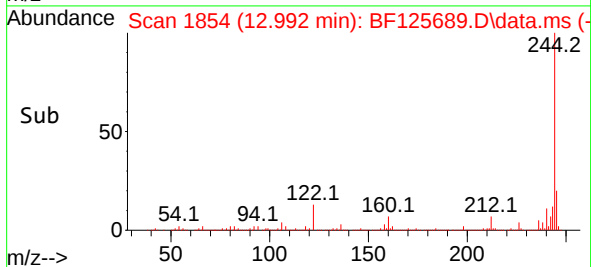
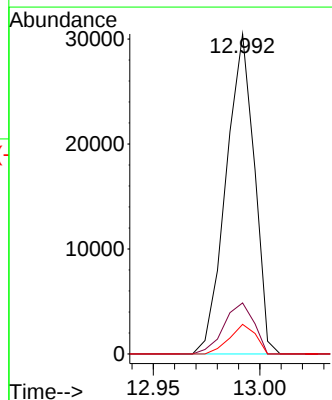
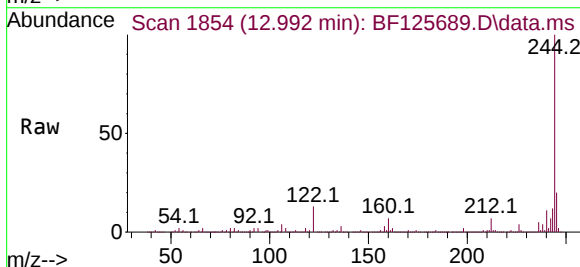
Instrument :
BNA_F
ClientSampleId :
SW-RR-03-(SA)

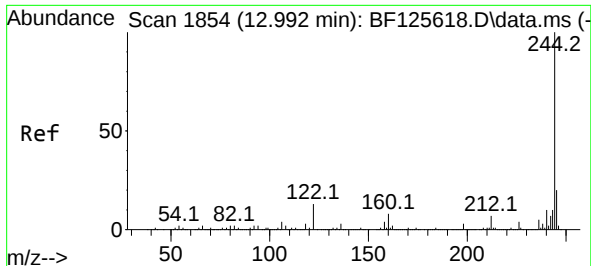
Tgt Ion:240 Resp: 427749
Ion Ratio Lower Upper
240 100
120 13.6 10.8 16.2
236 26.3 21.6 32.4



#77
Benzidine
Concen: 2.500 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125689.D
Acq: 28 Sep 2021 15:20

Tgt Ion:184 Resp: 28097
Ion Ratio Lower Upper
184 100
185 16.0 10.8 16.2
183 9.3 8.1 12.1

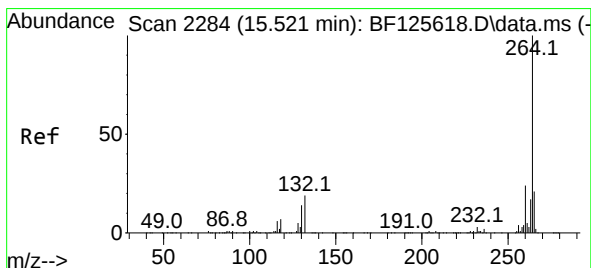
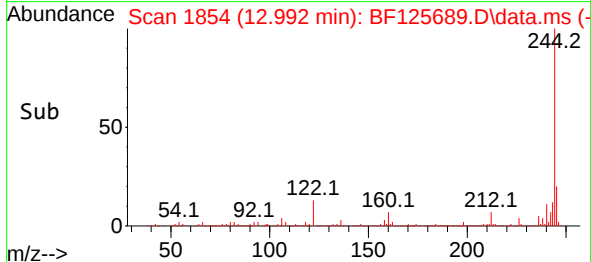
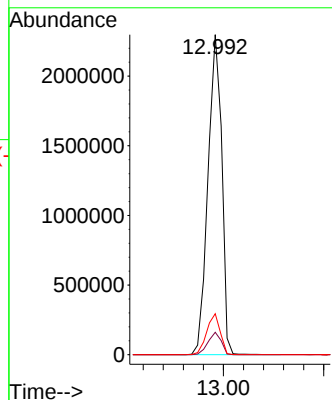
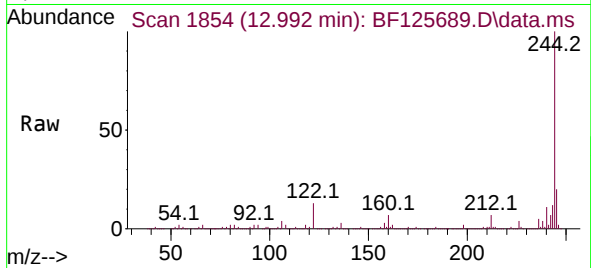




#79
 Terphenyl-d14
 Concen: 89.047 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF125689.D
 Acq: 28 Sep 2021 15:20

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

Tgt Ion:244 Resp: 2199472
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.8 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: BF125689.D
 Acq: 28 Sep 2021 15:20

Tgt Ion:264 Resp: 394339
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 21.0 17.2 25.8

