

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125751.D
 Acq On : 1 Oct 2021 14:33
 Operator : JU/CG
 Sample : M3999-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 219

Quant Time: Oct 01 14:58:48 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)

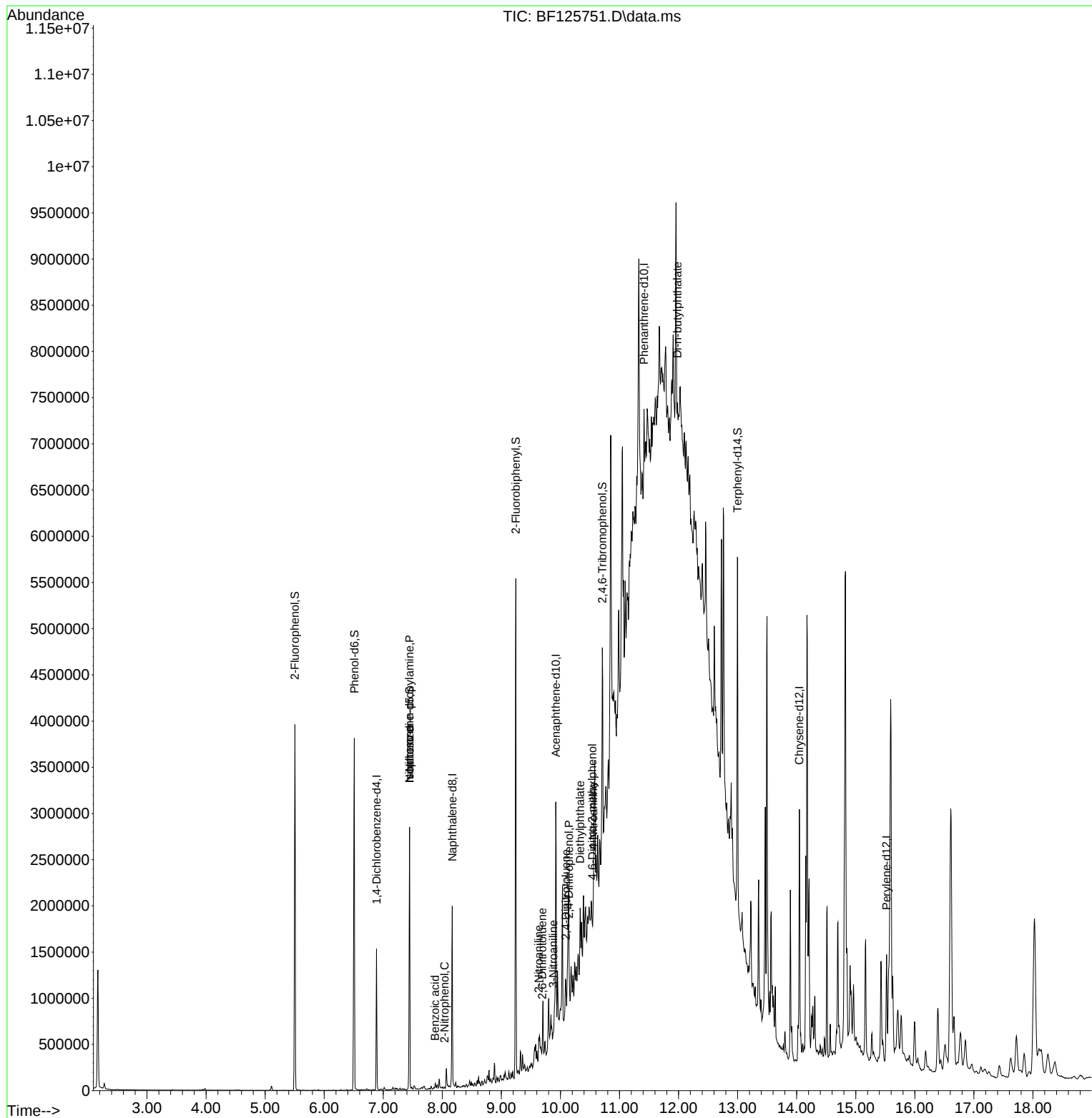
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	211309	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	837071	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	394633	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	437936	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	447138	20.000	ng	0.00
86) Perylene-d12	15.521	264	498015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1242322	96.863	ng	0.00
7) Phenol-d6	6.510	99	1504770	87.269	ng	0.00
23) Nitrobenzene-d5	7.445	82	902219	75.179	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	348646	94.755	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1733007	77.768	ng	0.00
79) Terphenyl-d14	12.998	244	1338885	51.855	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	1914	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	115613	11.776	ng	# 52
25) Isophorone	7.445	82	902211	33.569	ng	# 59
26) 2-Nitrophenol	8.039	139	113	5.749	ng	# 1
32) Benzoic acid	7.875	122	1129	8.734	ng	# 78
48) 2-Nitroaniline	9.633	65	1474	4.394	ng	# 89
51) 2,6-Dinitrotoluene	9.692	165	3268	4.669	ng	# 43
53) 3-Nitroaniline	9.880	138	3236	3.632	ng	# 24
54) 2,4-Dinitrophenol	10.145	184	308	4.599	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	2348	5.115	ng	# 38
60) Diethylphthalate	10.333	149	54231	2.116	ng	# 89
62) 4-Nitroaniline	10.557	138	3784	2.495	ng	# 93
65) 4,6-Dinitro-2-methylph...	10.539	198	889	9.352	ng	# 1
74) Di-n-butylphthalate	11.980	149	77082	3.202	ng	# 58

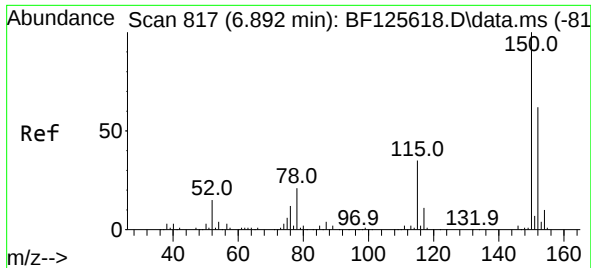
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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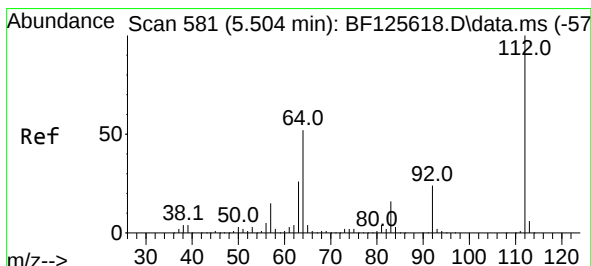
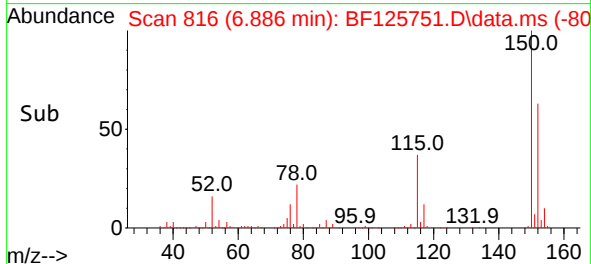
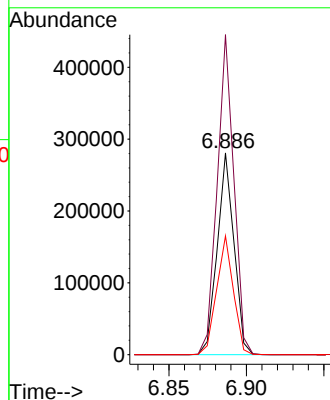
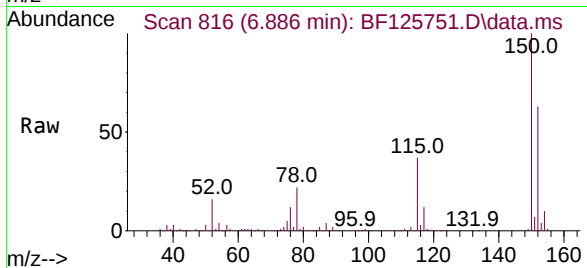




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

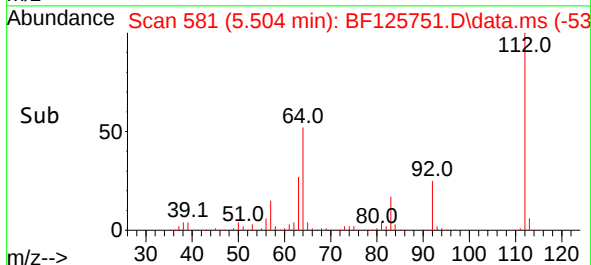
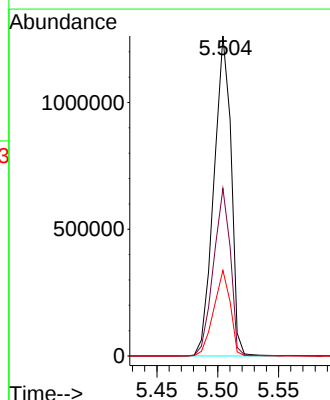
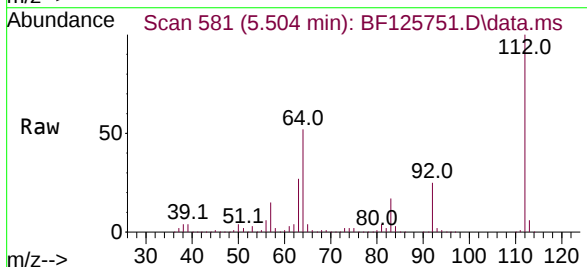
Instrument :
BNA_F
ClientSampleId :
219

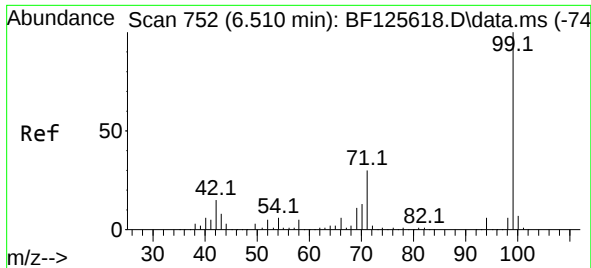
Tgt Ion:152 Resp: 211309
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 96.863 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:112 Resp: 1242322
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 26.8 26.2 39.2

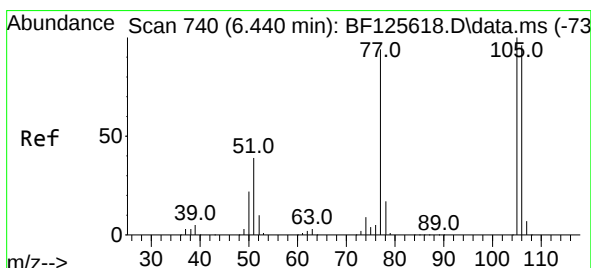
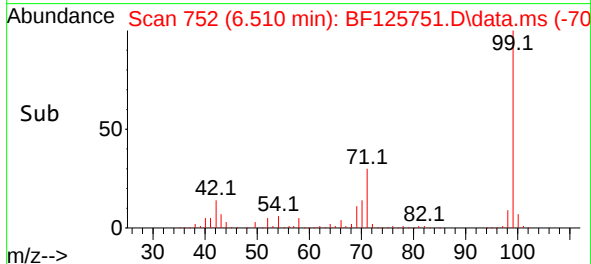
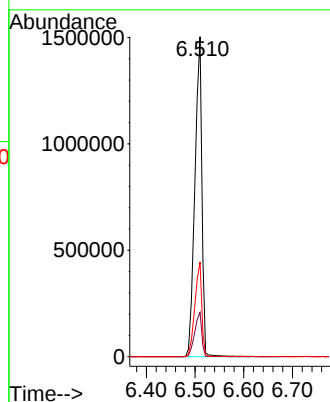
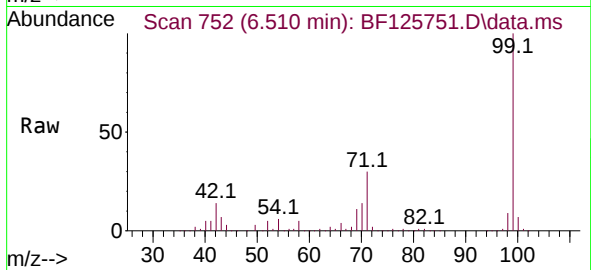




#7
Phenol-d6
Concen: 87.269 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

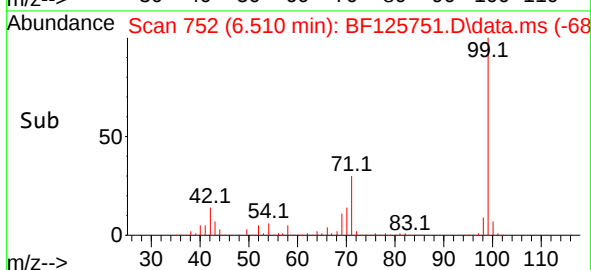
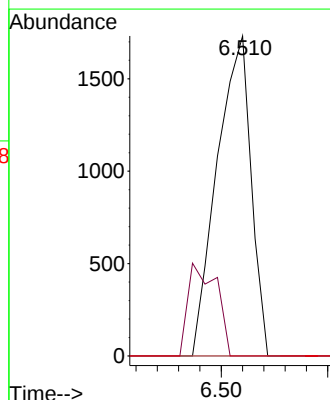
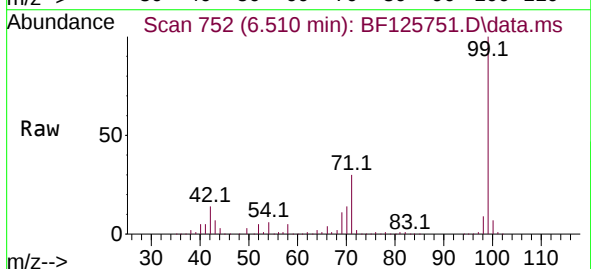
Instrument :
BNA_F
ClientSampleId :
219

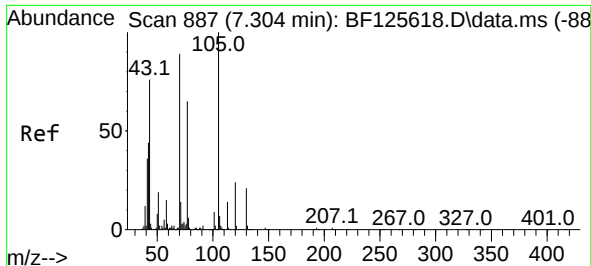
Tgt Ion: 99 Resp: 1504770
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

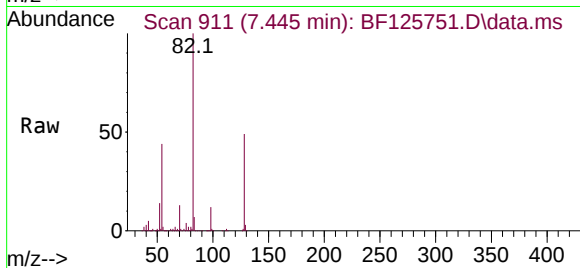
Tgt Ion: 77 Resp: 1914
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



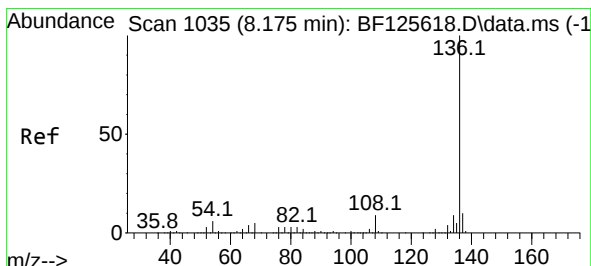
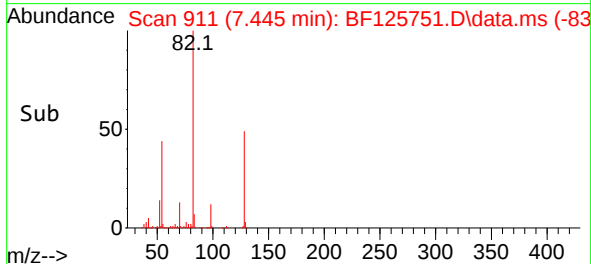
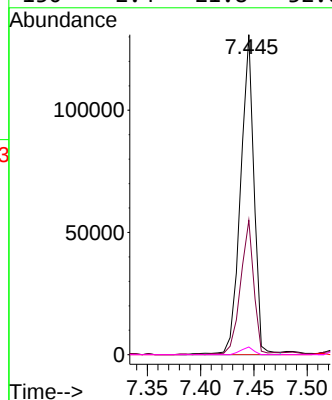


#19
n-Nitroso-di-n-propylamine
Concen: 11.776 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Instrument :
BNA_F
ClientSampleId :
219

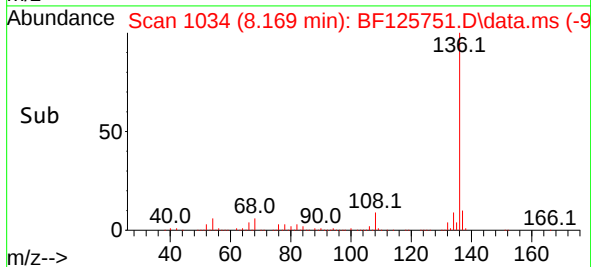
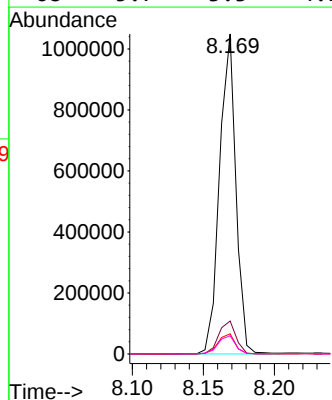
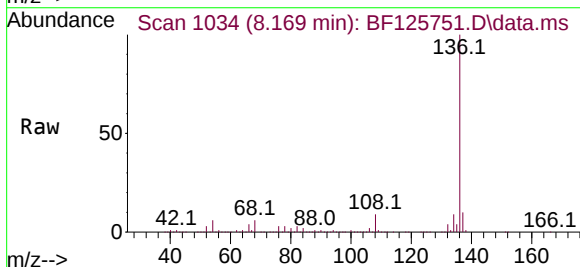


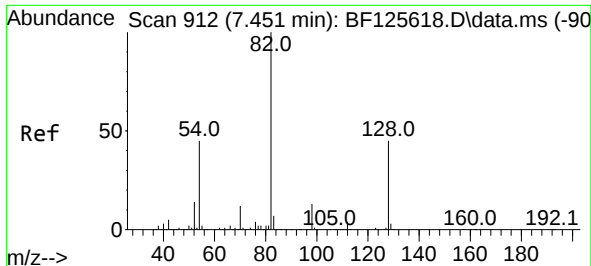
Tgt Ion: 70 Resp: 115613
Ion Ratio Lower Upper
70 100
42 42.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion: 136 Resp: 837071
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.3 6.4 9.6#
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 75.179 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125751.D

Acq: 1 Oct 2021 14:33

Instrument :

BNA_F

ClientSampleId :

219

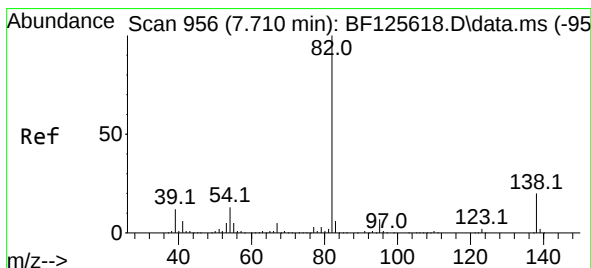
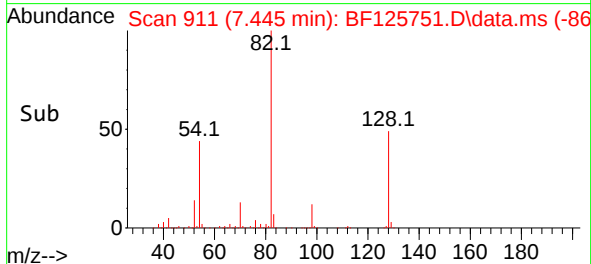
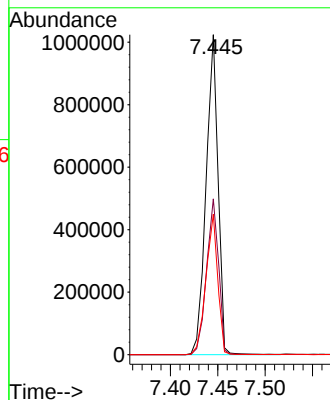
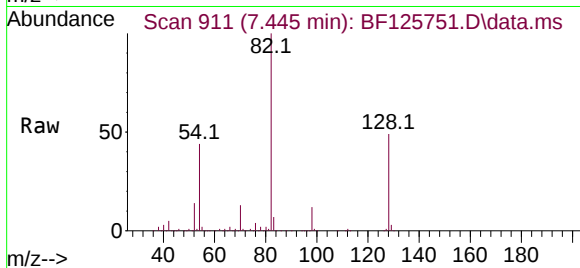
Tgt Ion: 82 Resp: 902219

Ion Ratio Lower Upper

82 100

128 48.7 40.6 60.8

54 43.9 49.6 74.4#



#25

Isophorone

Concen: 33.569 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125751.D

Acq: 1 Oct 2021 14:33

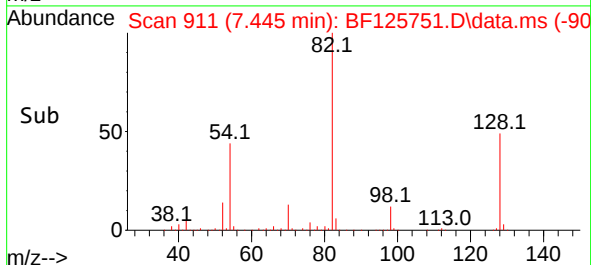
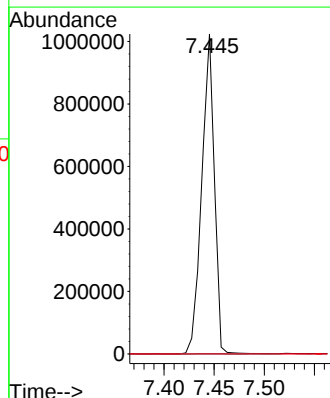
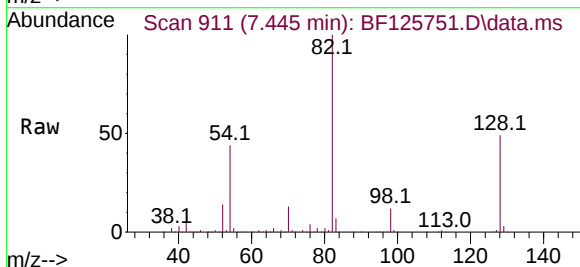
Tgt Ion: 82 Resp: 902211

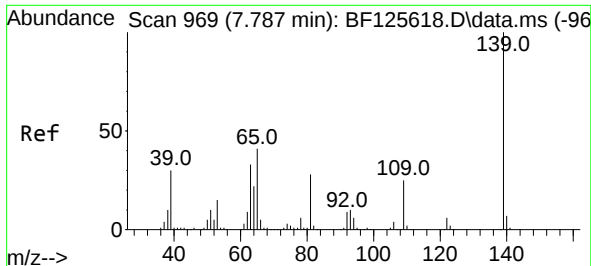
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

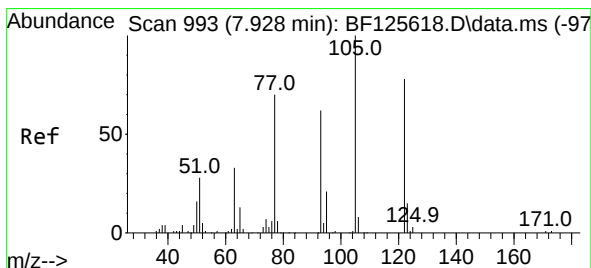
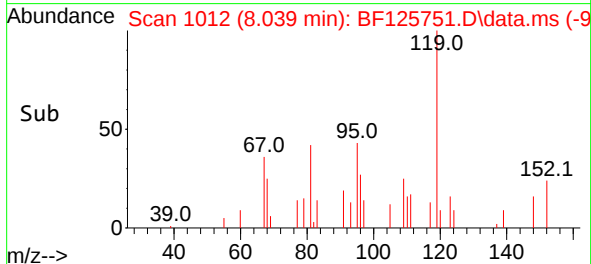
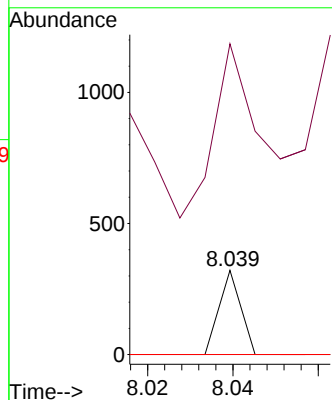
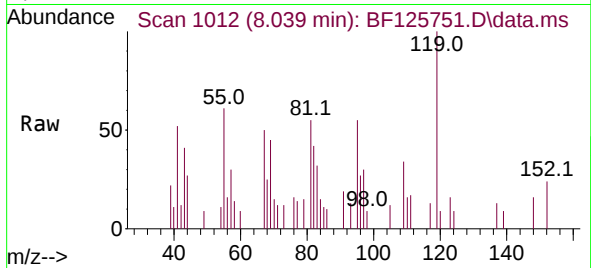




#26
2-Nitrophenol
Concen: 5.749 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.252 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

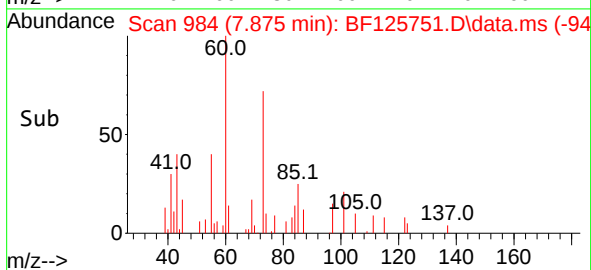
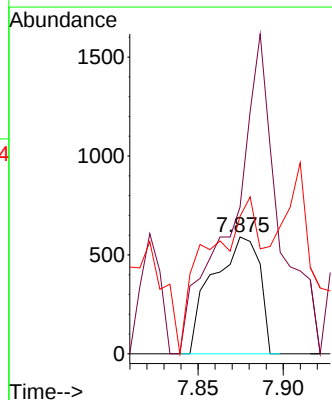
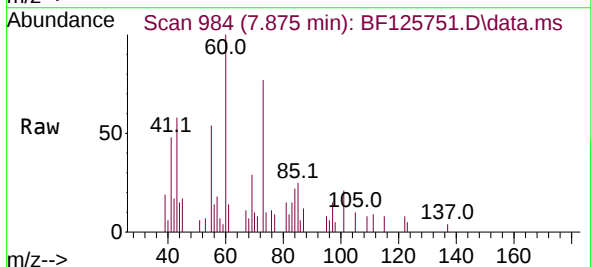
Instrument :
BNA_F
ClientSampled :
219

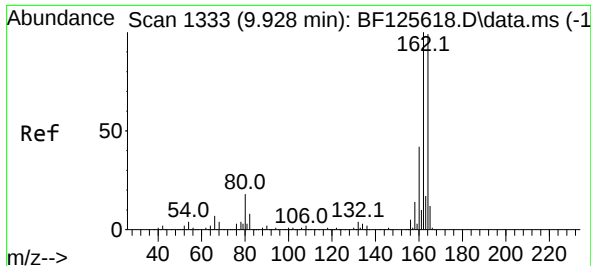
Tgt Ion:139 Resp: 113
Ion Ratio Lower Upper
139 100
109 369.2 26.0 39.0#
65 0.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.734 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.053 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:122 Resp: 1129
Ion Ratio Lower Upper
122 100
105 125.5 97.6 137.6
77 117.6 59.6 99.6#

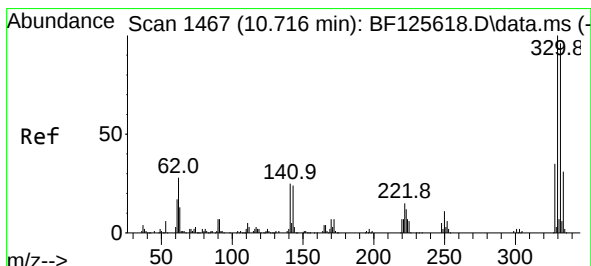
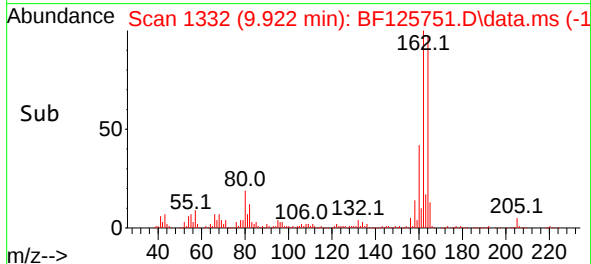
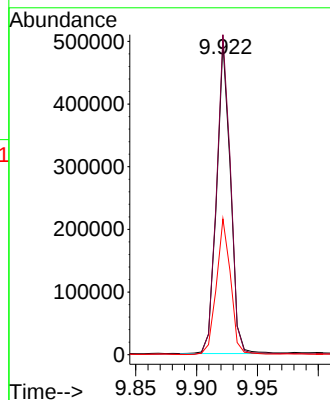
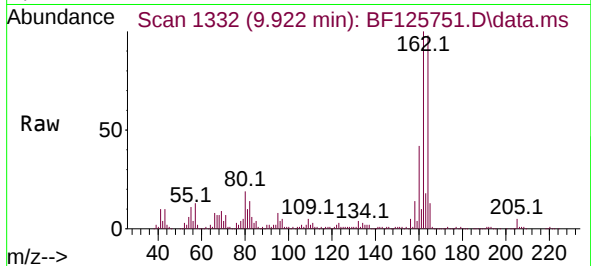




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

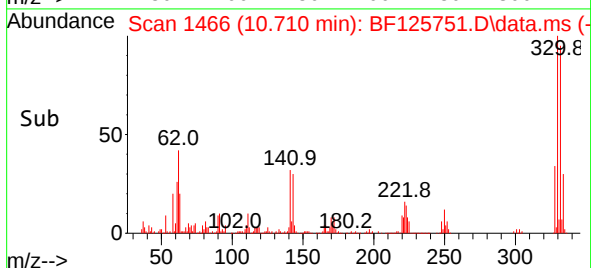
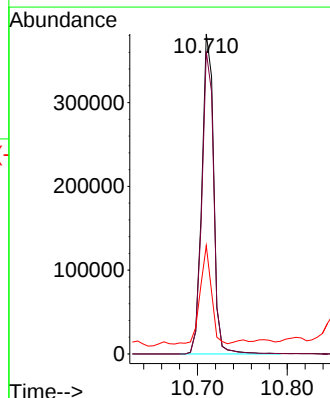
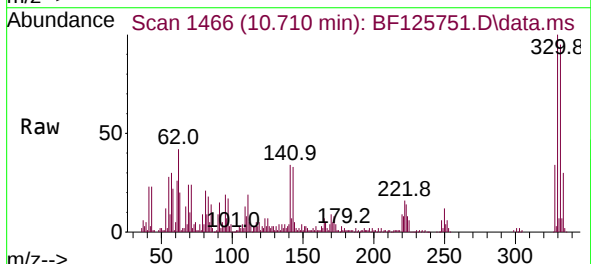
Instrument :
BNA_F
ClientSampleId :
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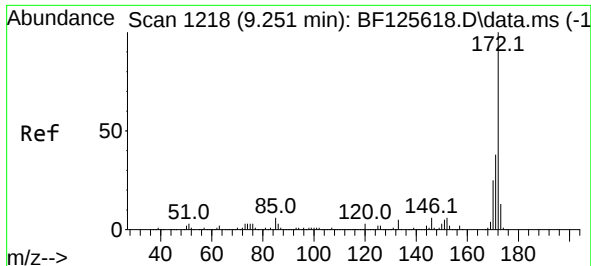
Tgt Ion:164 Resp: 394633
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 43.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 94.755 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:330 Resp: 348646
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 29.1 44.6 66.8#

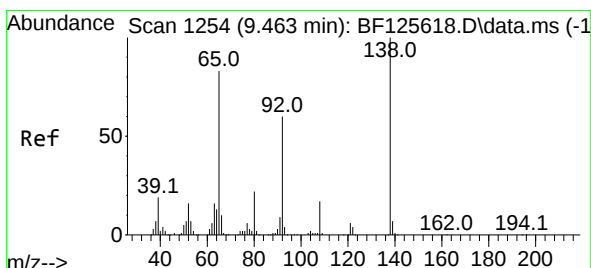
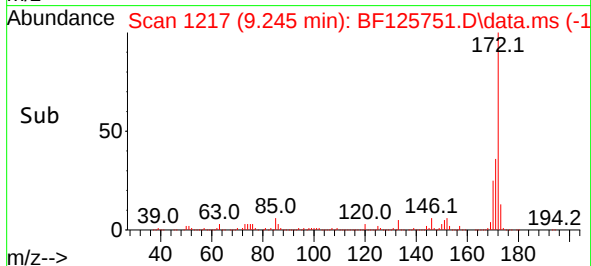
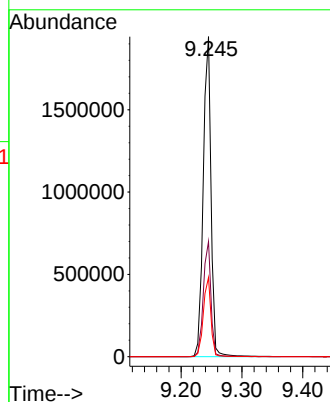
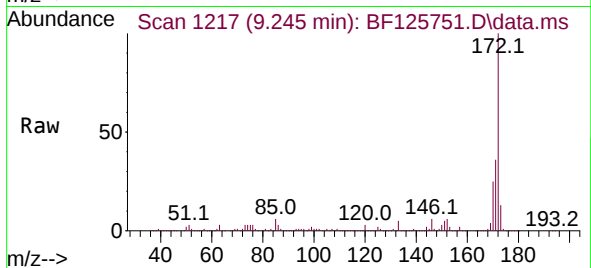




#45
2-Fluorobiphenyl
Concen: 77.768 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

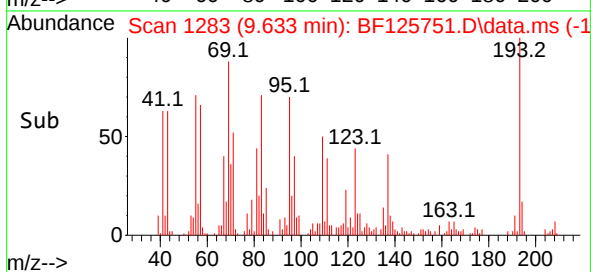
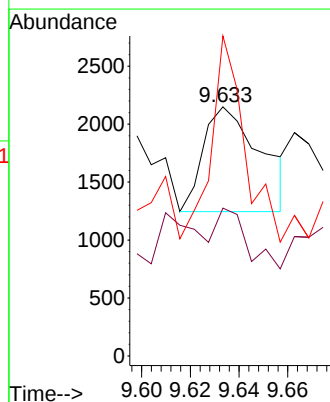
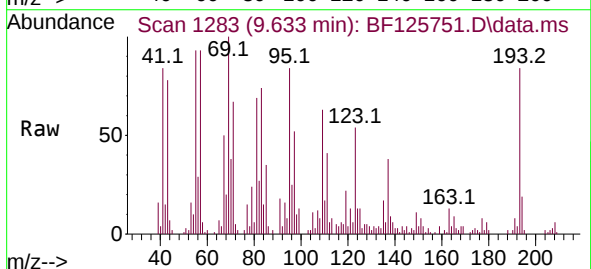
Instrument :
BNA_F
ClientSampleId :
219

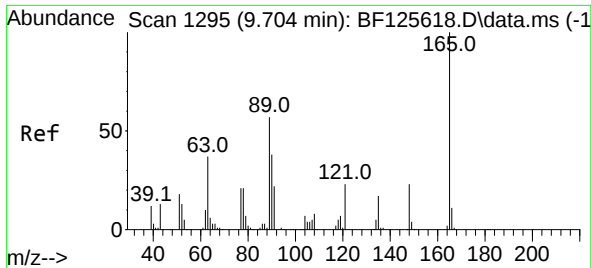
Tgt Ion:172 Resp: 1733007
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.7 18.8 28.2



#48
2-Nitroaniline
Concen: 4.394 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.170 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion: 65 Resp: 1474
Ion Ratio Lower Upper
65 100
92 59.3 55.5 83.3
138 128.4 93.5 140.3

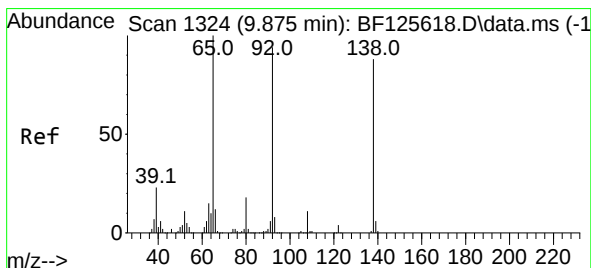
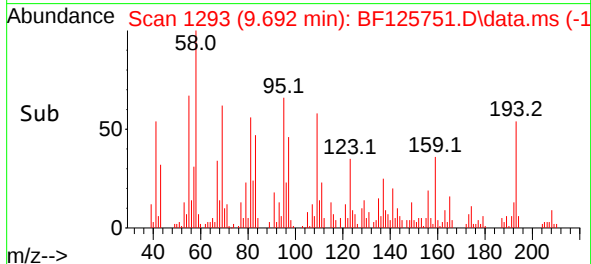
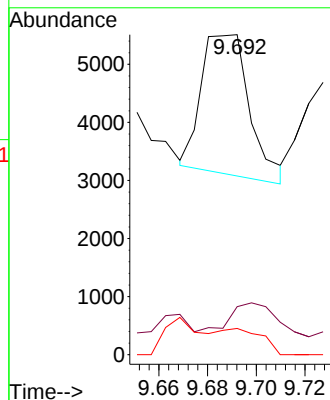
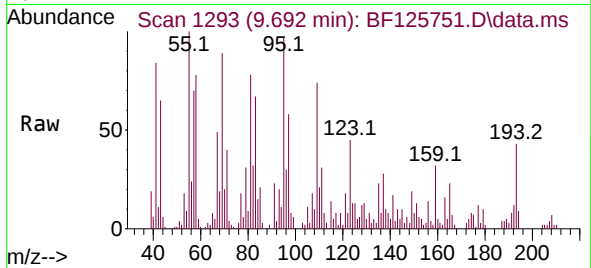




#51
2,6-Dinitrotoluene
Concen: 4.669 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

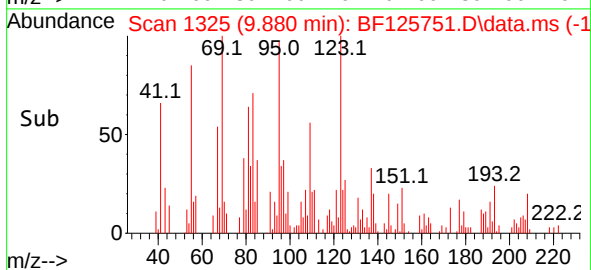
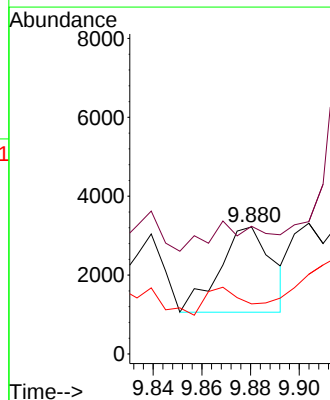
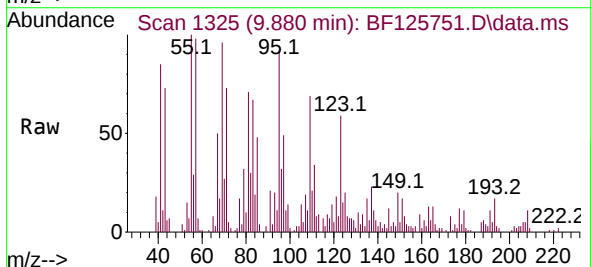
Instrument :
BNA_F
ClientSampled :
219

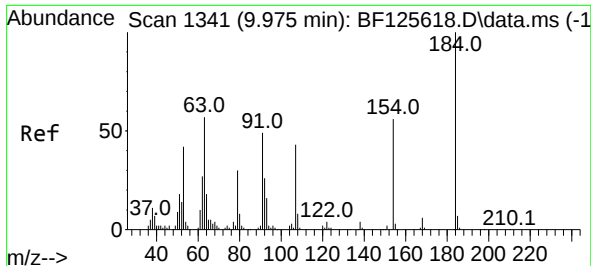
Tgt Ion:165 Resp: 3268
Ion Ratio Lower Upper
165 100
63 15.0 42.6 63.8#
89 8.2 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.632 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.005 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:138 Resp: 3236
Ion Ratio Lower Upper
138 100
108 100.5 9.3 13.9#
92 39.4 76.5 114.7#

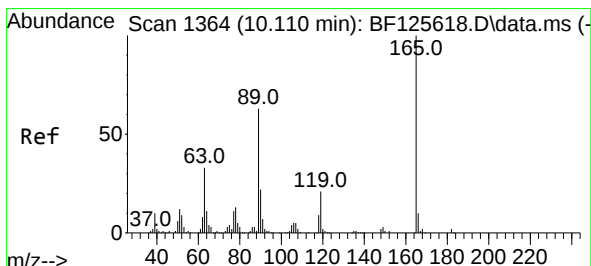
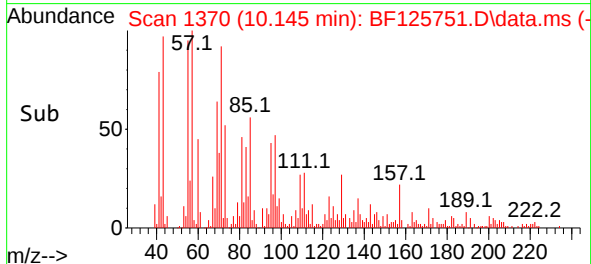
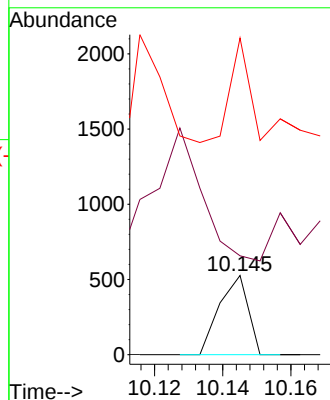
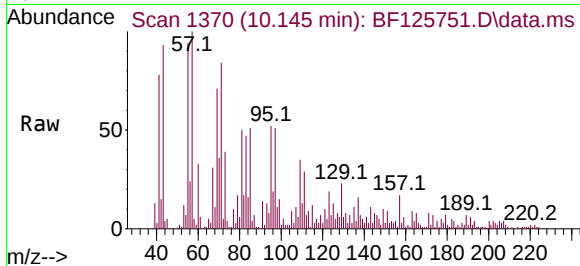




#54
2,4-Dinitrophenol
Concen: 4.599 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.170 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

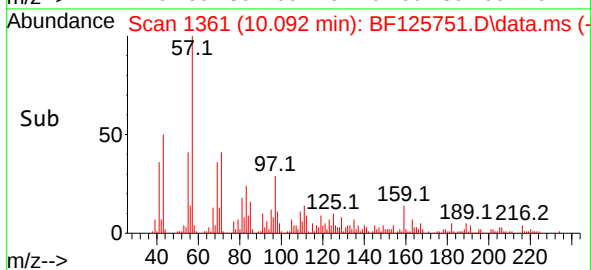
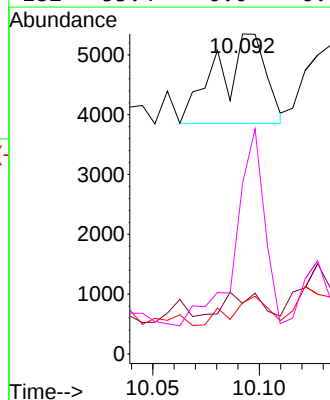
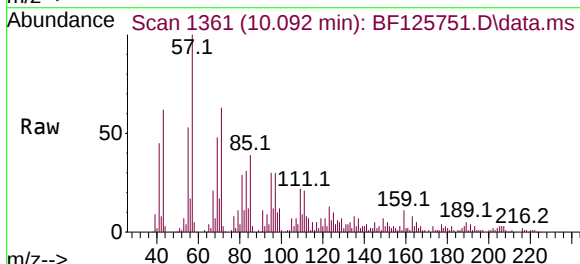
Instrument :
BNA_F
ClientSampled :
219

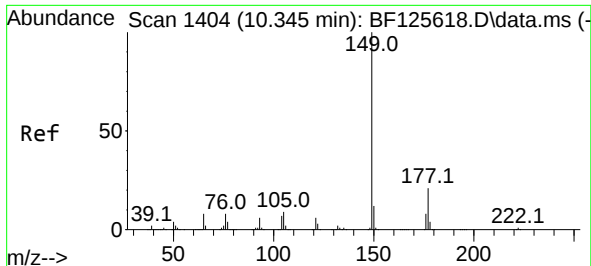
Tgt Ion:184 Resp: 308
Ion Ratio Lower Upper
184 100
63 124.7 59.3 88.9#
154 399.6 68.6 102.8#



#57
2,4-Dinitrotoluene
Concen: 5.115 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:165 Resp: 2348
Ion Ratio Lower Upper
165 100
63 15.8 40.9 61.3#
89 16.0 59.7 89.5#
182 53.4 0.0 0.0#

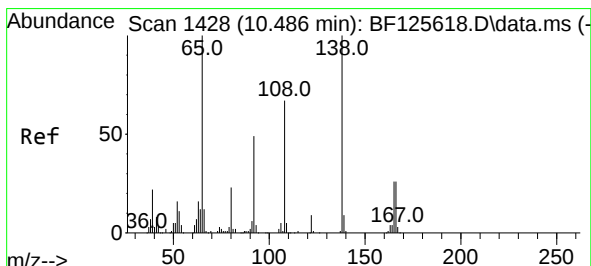
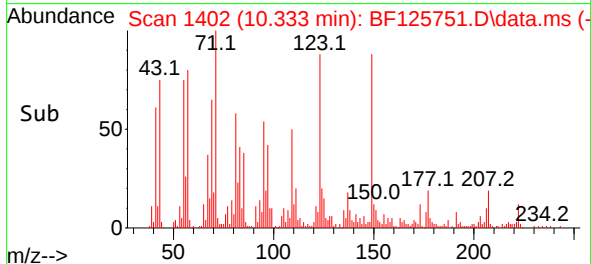
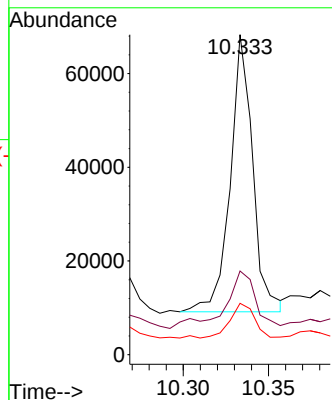
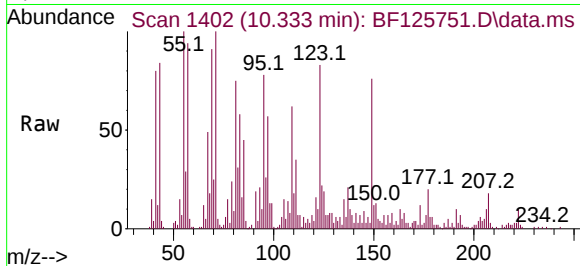




#60
Diethylphthalate
Concen: 2.116 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

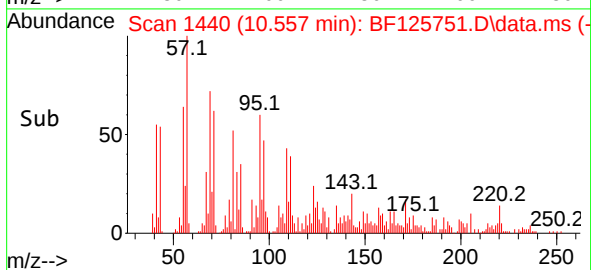
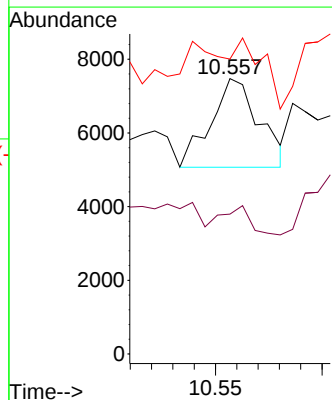
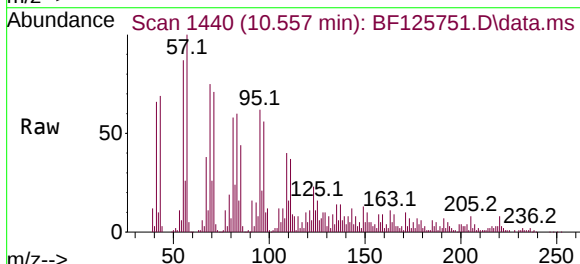
Instrument :
BNA_F
ClientSampleId :
219

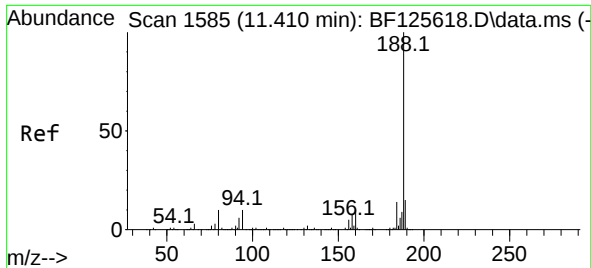
Tgt Ion:149 Resp: 54231
Ion Ratio Lower Upper
149 100
177 26.1 16.5 24.7#
150 16.1 10.1 15.1#



#62
4-Nitroaniline
Concen: 2.495 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.071 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:138 Resp: 3784
Ion Ratio Lower Upper
138 100
92 50.8 29.6 69.6
108 107.1 78.1 118.1

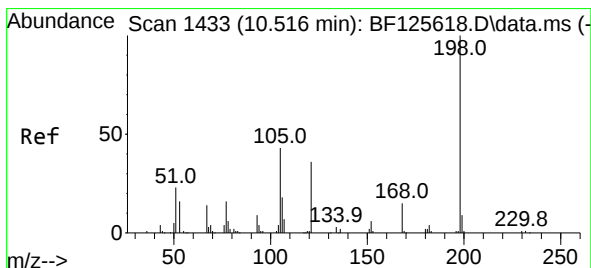
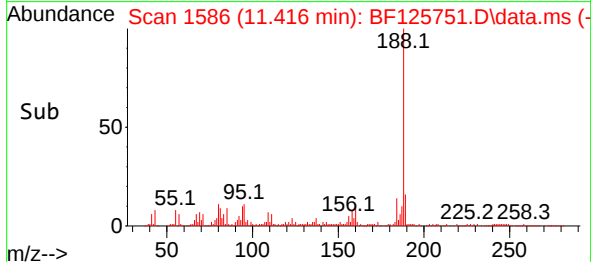
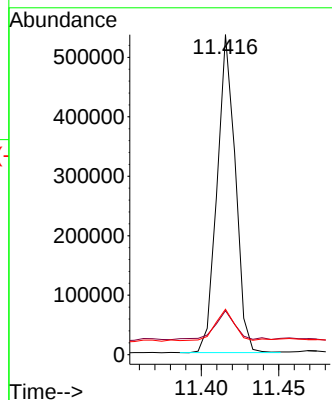
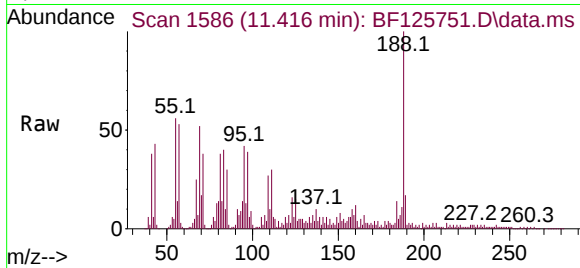




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

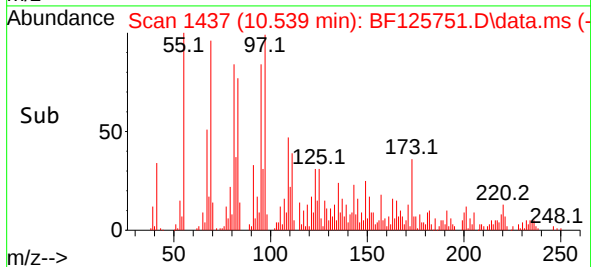
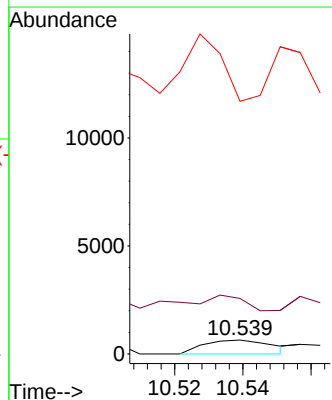
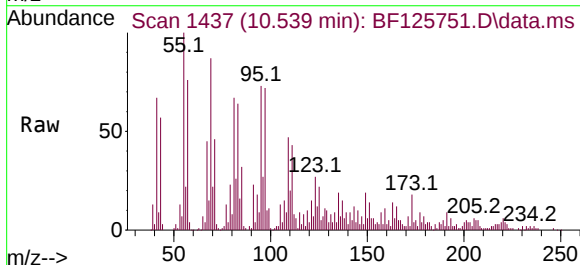
Instrument :
BNA_F
ClientSampled :
219

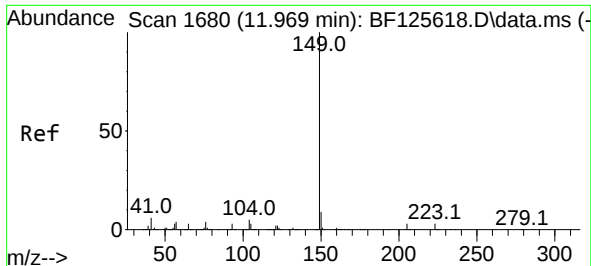
Tgt Ion:188 Resp: 437936
Ion Ratio Lower Upper
188 100
94 13.7 6.7 10.1#
80 14.2 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.352 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.023 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:198 Resp: 889
Ion Ratio Lower Upper
198 100
51 398.0 45.3 85.3#
105 1811.0 30.6 70.6#

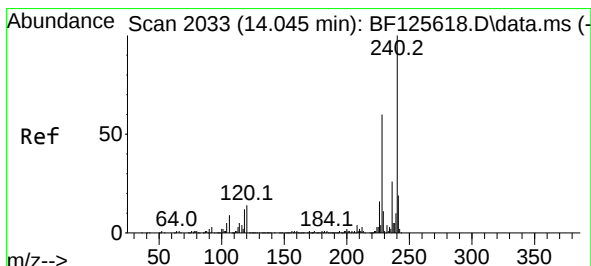
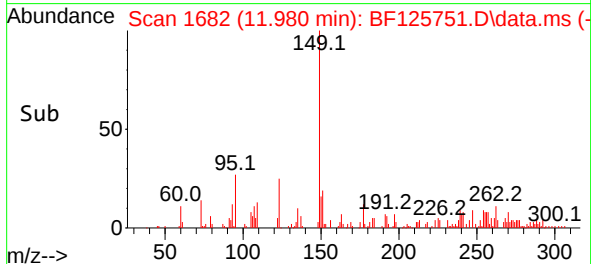
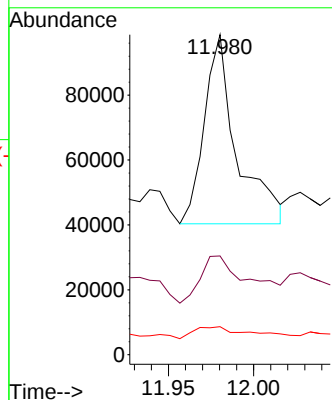
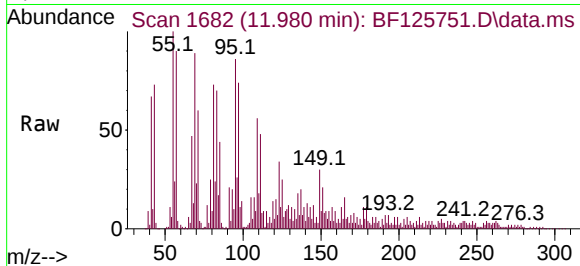




#74
Di-n-butylphthalate
Concen: 3.202 ng
RT: 11.980 min Scan# 1682
Delta R.T. 0.011 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

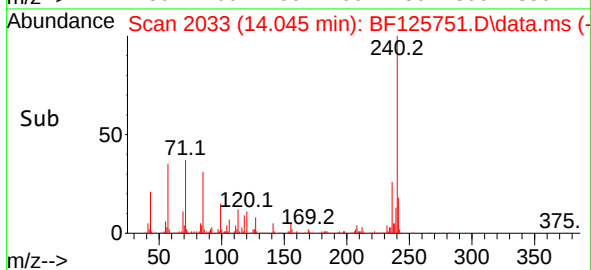
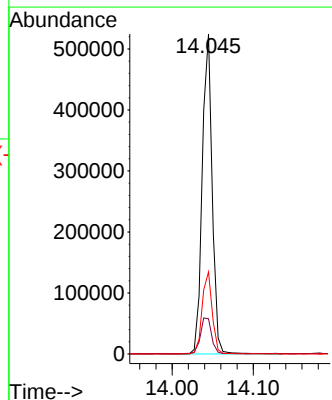
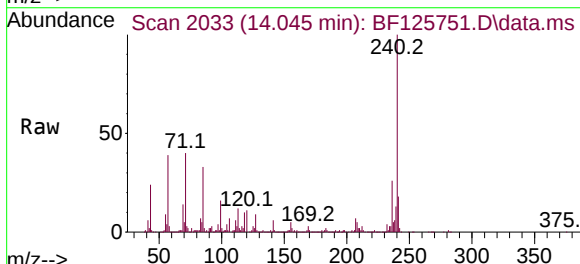
Instrument :
BNA_F
ClientSampleId :
219

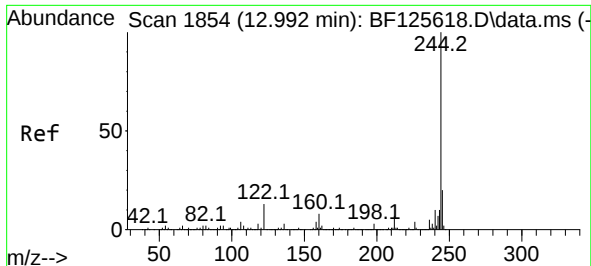
Tgt Ion:149 Resp: 77082
Ion Ratio Lower Upper
149 100
150 30.8 7.4 11.2#
104 8.8 4.1 6.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125751.D
Acq: 1 Oct 2021 14:33

Tgt Ion:240 Resp: 447138
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.7 21.6 32.4

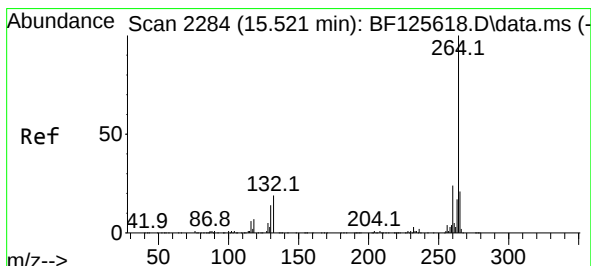
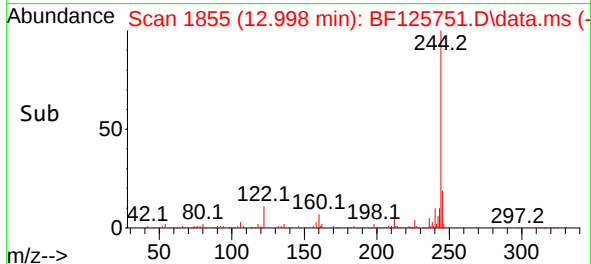
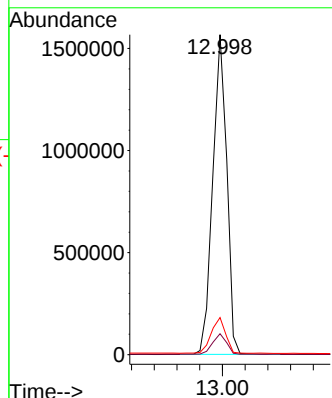
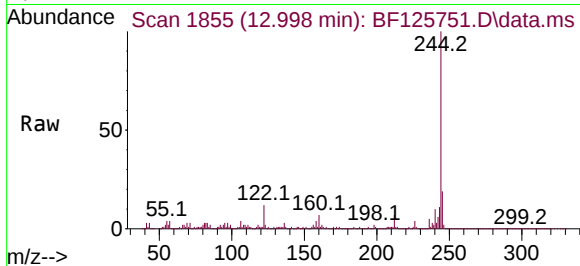




#79
 Terphenyl-d14
 Concen: 51.855 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125751.D
 Acq: 1 Oct 2021 14:33

Instrument :
 BNA_F
 ClientSampled :
 219

Tgt Ion:244 Resp: 1338885
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 11.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF125751.D
 Acq: 1 Oct 2021 14:33

Tgt Ion:264 Resp: 498015
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.2 17.2 25.8

