

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
 Data File : BF125753.D
 Acq On : 1 Oct 2021 15:36
 Operator : JU/CG
 Sample : M3999-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26498

Quant Time: Oct 01 16:34:17 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)

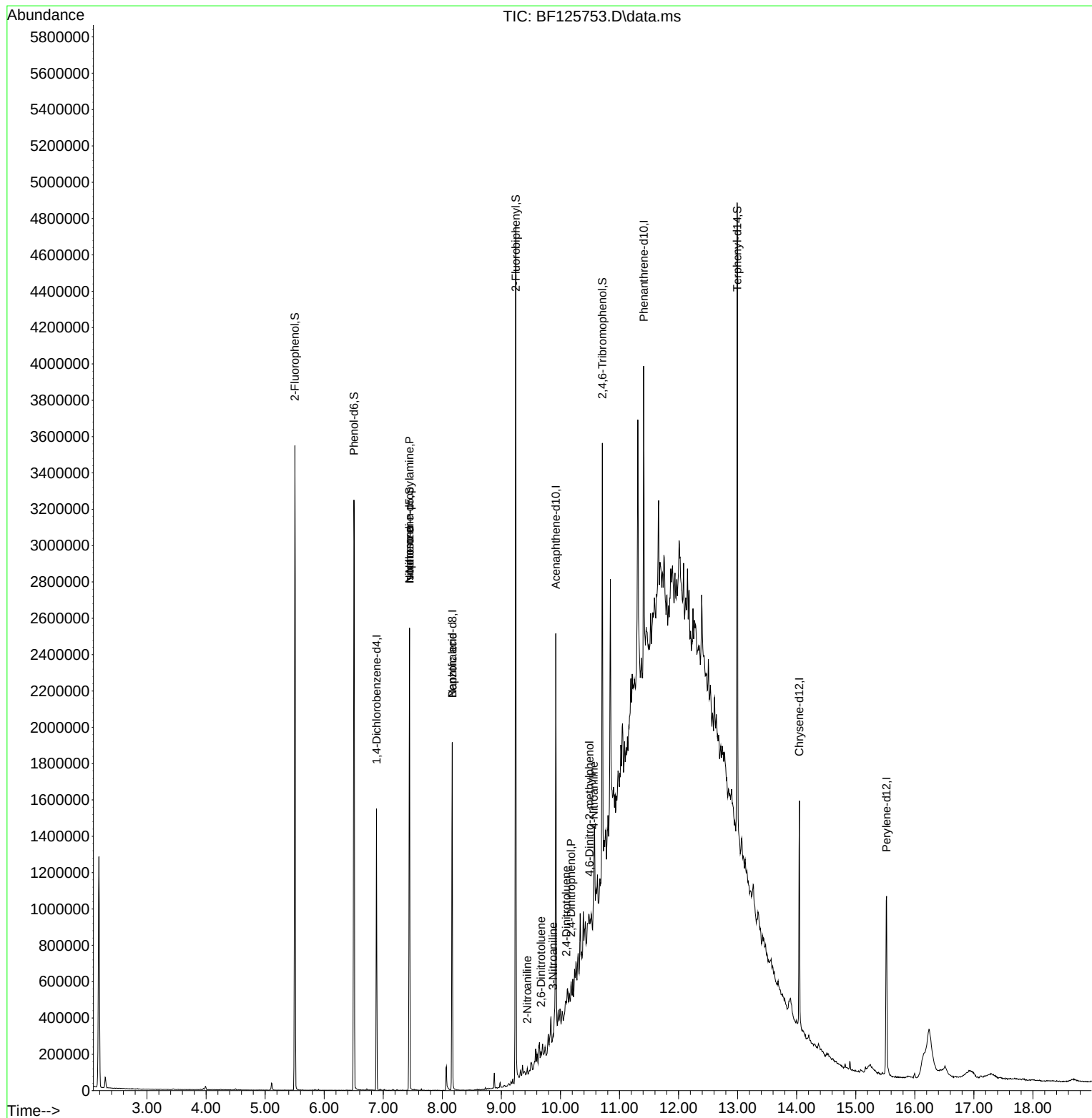
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	213479	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	861076	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	435984	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	657742	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	416584	20.000	ng	0.00
86) Perylene-d12	15.521	264	467263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1120999	86.515	ng	0.00
7) Phenol-d6	6.504	99	1351238	77.568	ng	0.00
23) Nitrobenzene-d5	7.445	82	801300	64.908	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	342497	84.256	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1615020	63.116	ng	0.00
79) Terphenyl-d14	12.992	244	1299125	54.005	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	1940	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	99476	10.030	ng	# 50
25) Isophorone	7.445	82	801283	28.982	ng	# 59
32) Benzoic acid	8.169	122	107	8.638	ng	# 1
48) 2-Nitroaniline	9.439	65	421	4.218	ng	# 50
51) 2,6-Dinitrotoluene	9.675	165	2678	4.527	ng	# 26
53) 3-Nitroaniline	9.875	138	993	3.279	ng	# 33
54) 2,4-Dinitrophenol	10.180	184	189	4.515	ng	# 74
57) 2,4-Dinitrotoluene	10.098	165	3194	5.188	ng	# 33
62) 4-Nitroaniline	10.563	138	1128	2.057	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	498	9.139	ng	# 1

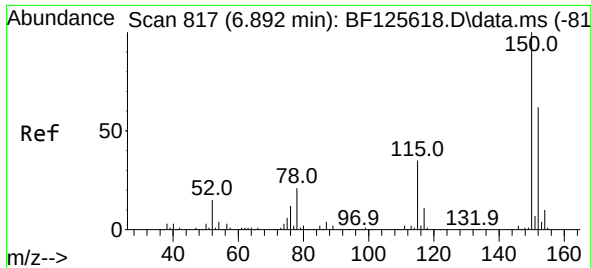
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
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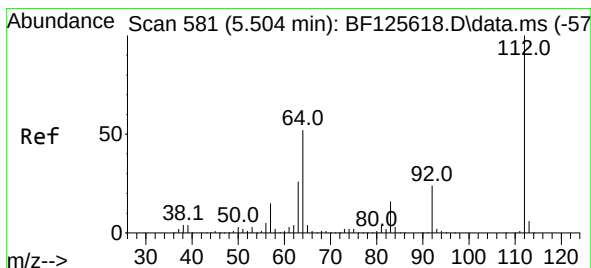
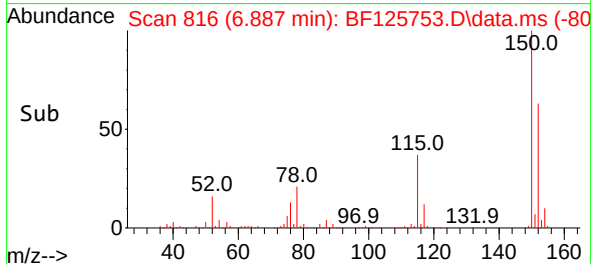
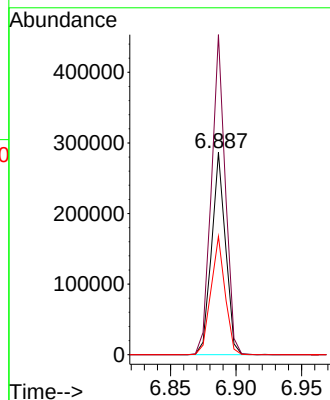
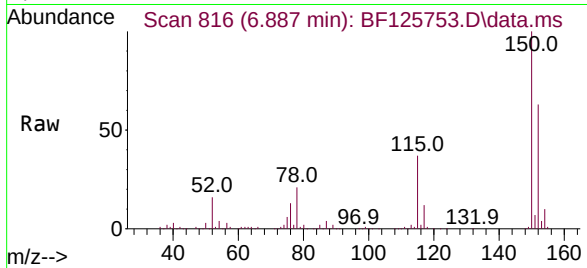




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

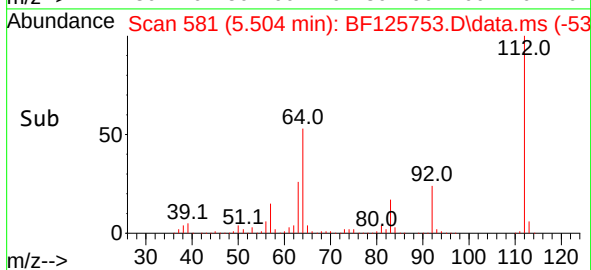
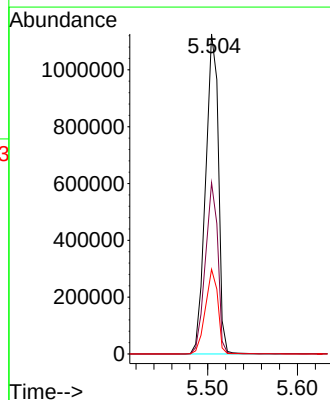
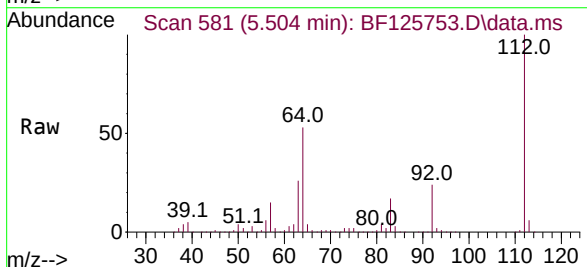
Instrument :
BNA_F
ClientSampleId :
26498

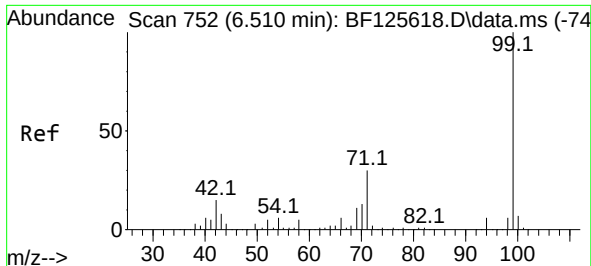
Tgt Ion:152 Resp: 213479
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 86.515 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion:112 Resp: 1120999
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 26.5 26.2 39.2

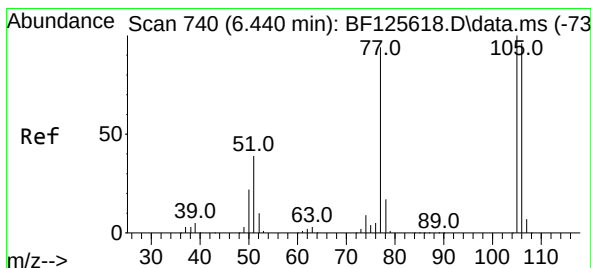
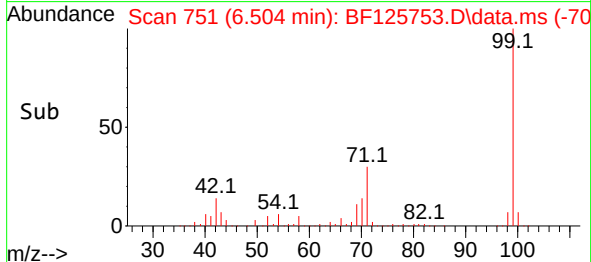
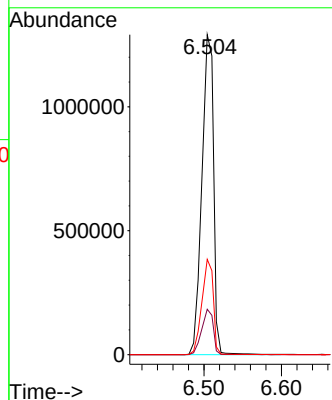
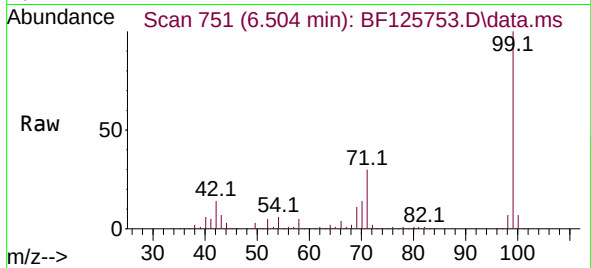




#7
Phenol-d6
Concen: 77.568 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

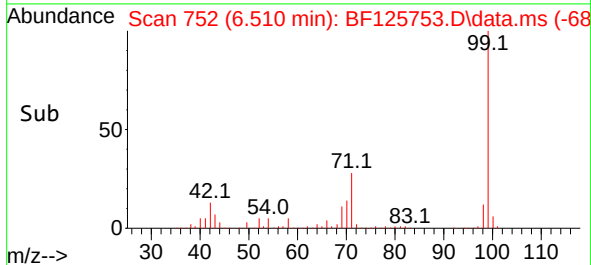
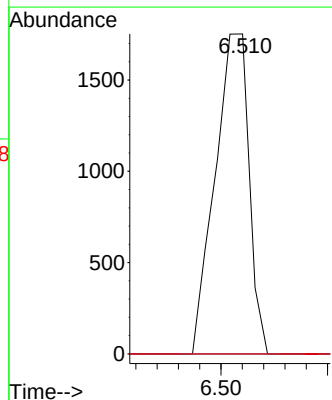
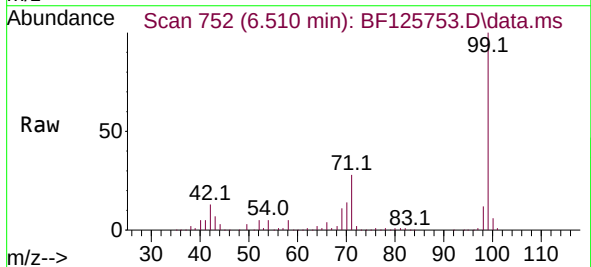
Instrument :
BNA_F
ClientSampleId :
26498

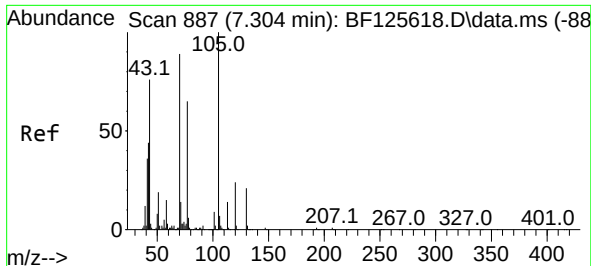
Tgt Ion: 99 Resp: 1351238
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

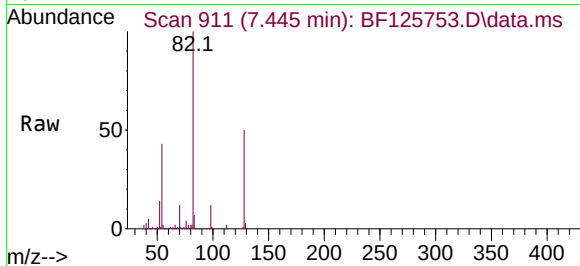
Tgt Ion: 77 Resp: 1940
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



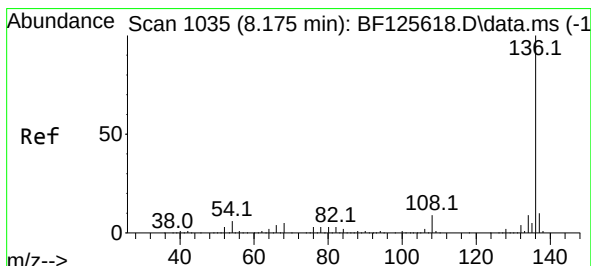
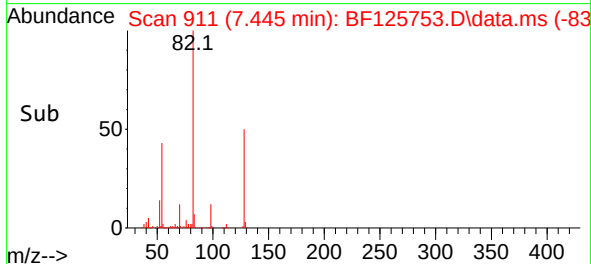
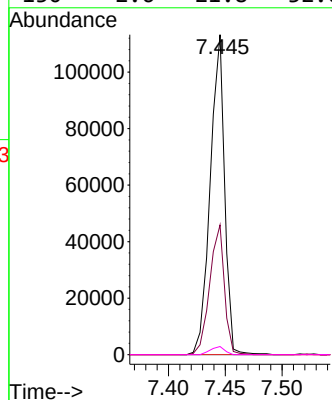


#19
n-Nitroso-di-n-propylamine
Concen: 10.030 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Instrument :
BNA_F
ClientSampleId :
26498

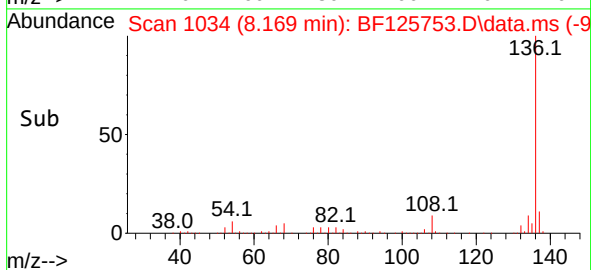
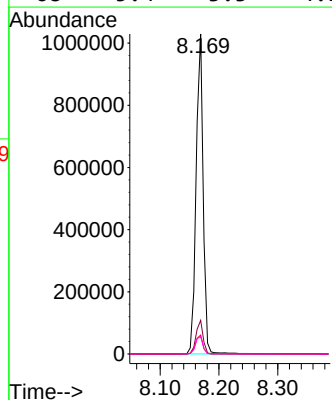
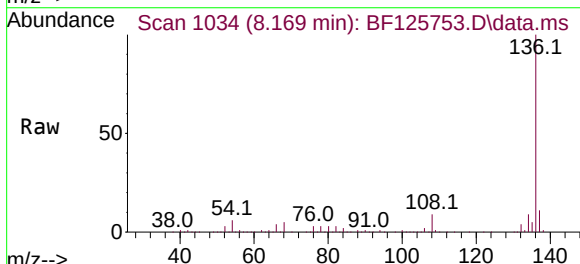


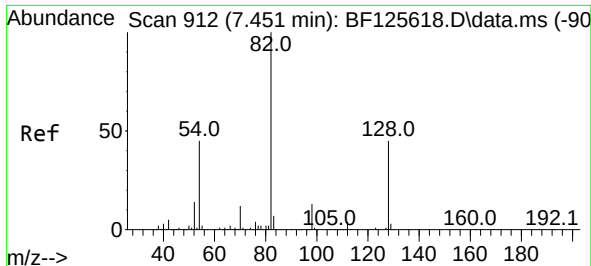
Tgt Ion: 70 Resp: 99476
Ion Ratio Lower Upper
70 100
42 40.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion: 136 Resp: 861076
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 5.9 6.4 9.6#
68 5.4 3.3 4.9#

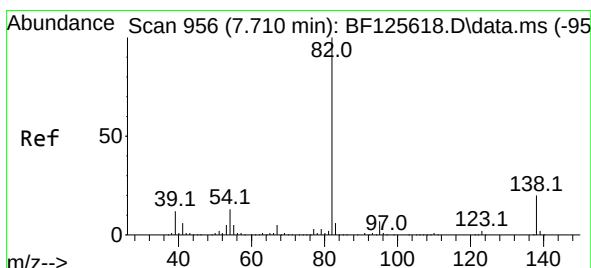
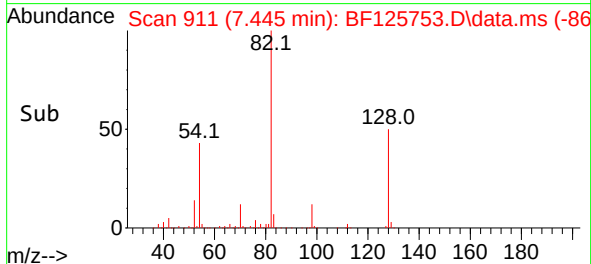
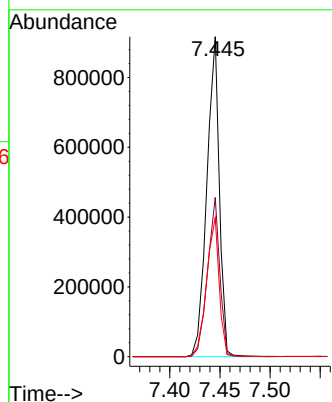
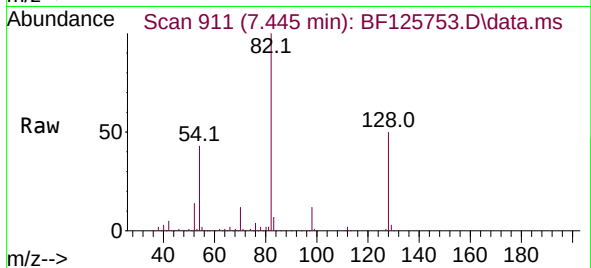




#23
Nitrobenzene-d5
Concen: 64.908 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

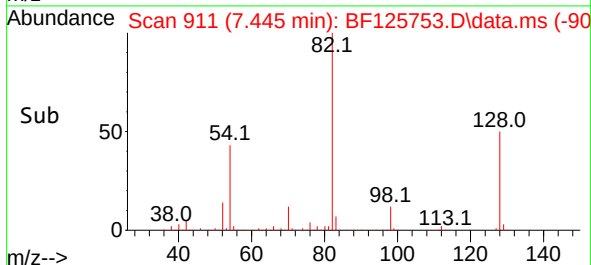
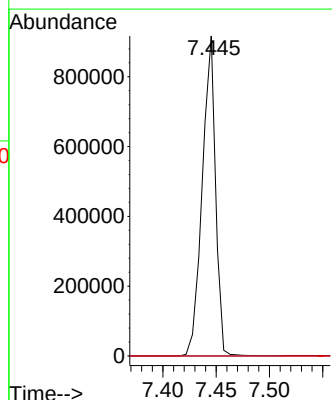
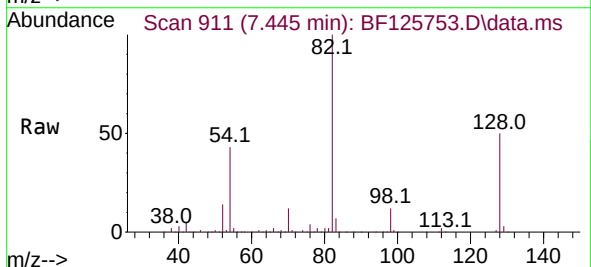
Instrument :
BNA_F
ClientSampleId :
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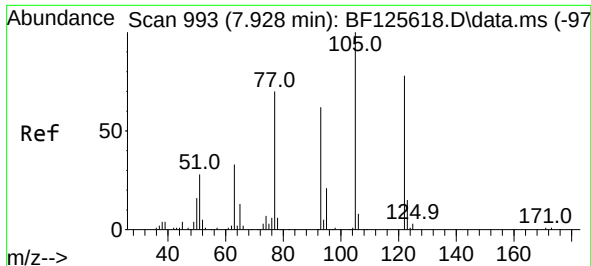
Tgt Ion: 82 Resp: 801300
Ion Ratio Lower Upper
82 100
128 49.7 40.6 60.8
54 43.4 49.6 74.4#



#25
Isophorone
Concen: 28.982 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion: 82 Resp: 801283
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

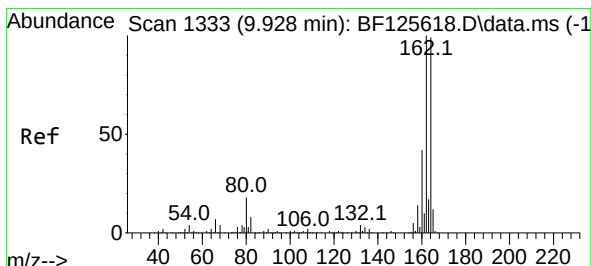
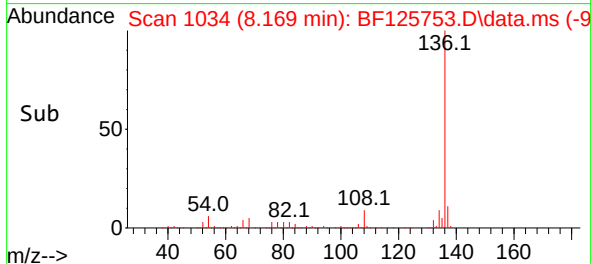
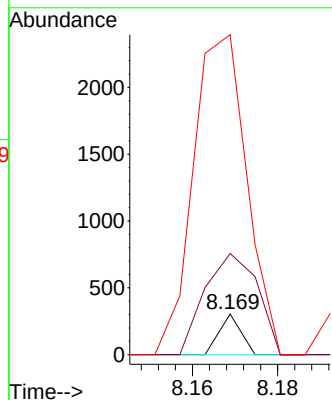
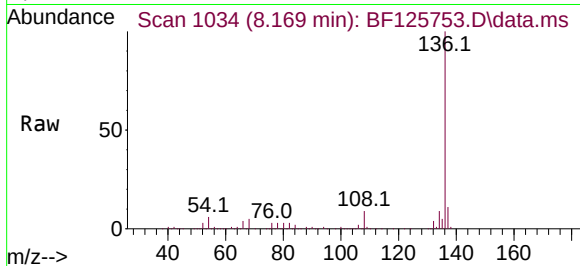




#32
Benzoic acid
Concen: 8.638 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

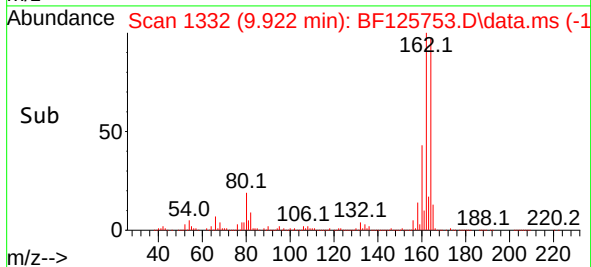
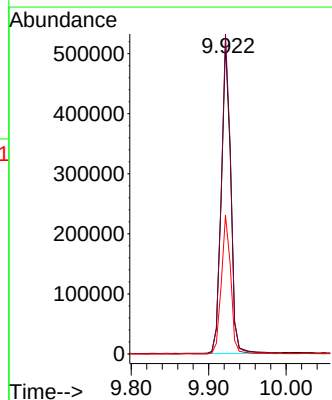
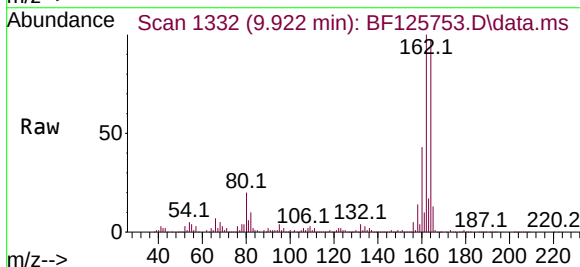
Instrument :
BNA_F
ClientSampled :
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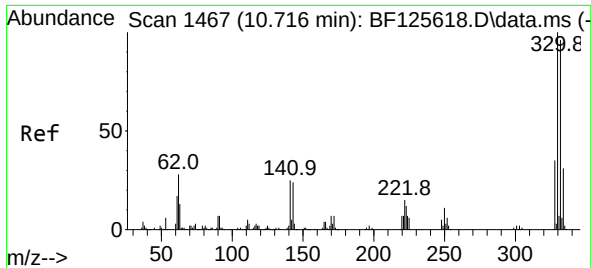
Tgt Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 249.0 97.6 137.6#
77 787.5 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion:164 Resp: 435984
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 44.7 38.0 57.0

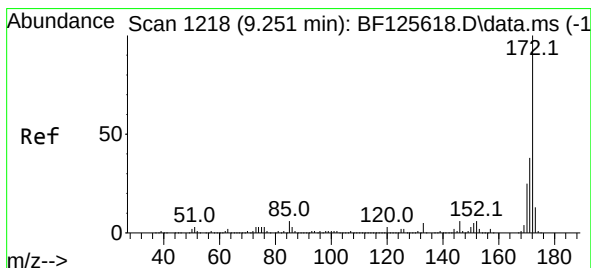
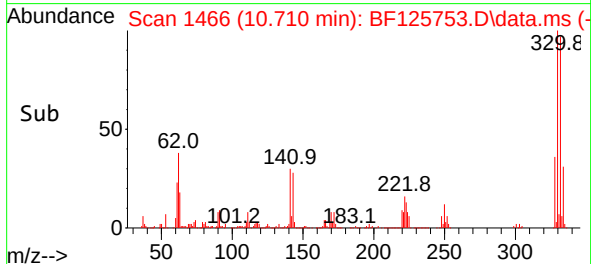
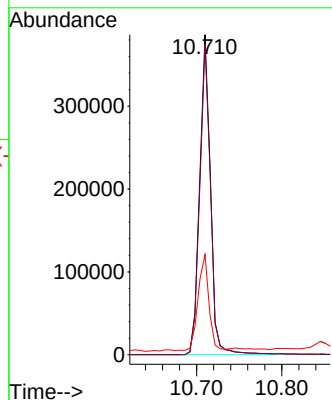
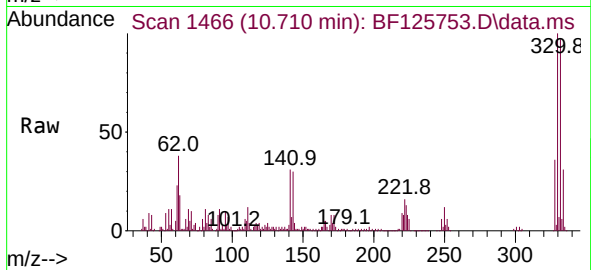




#42
 2,4,6-Tribromophenol
 Concen: 84.256 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. -0.006 min
 Lab File: BF125753.D
 Acq: 1 Oct 2021 15:36

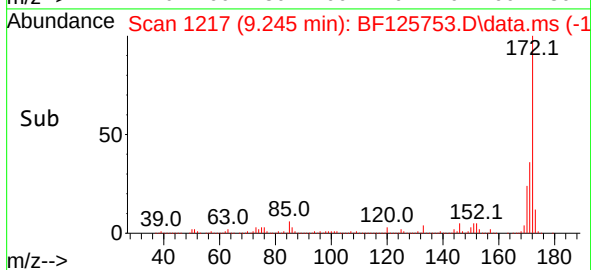
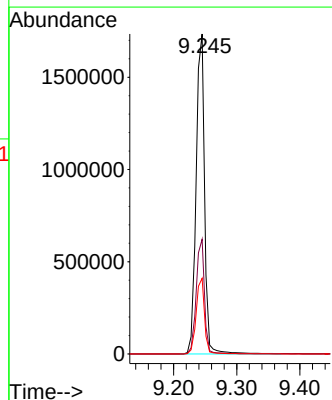
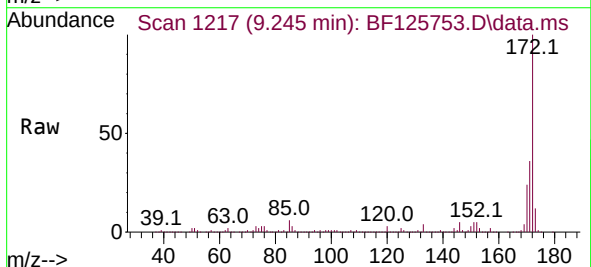
Instrument :
 BNA_F
 ClientSampleId :
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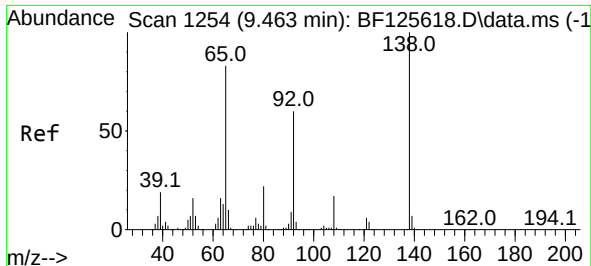
Tgt Ion:330 Resp: 342497
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 29.7 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 63.116 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125753.D
 Acq: 1 Oct 2021 15:36

Tgt Ion:172 Resp: 1615020
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.5 39.7
 170 23.7 18.8 28.2

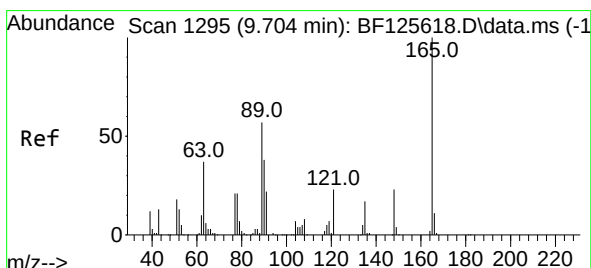
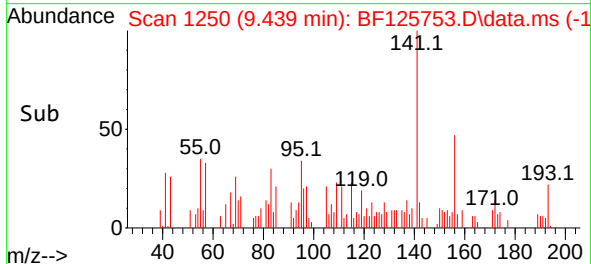
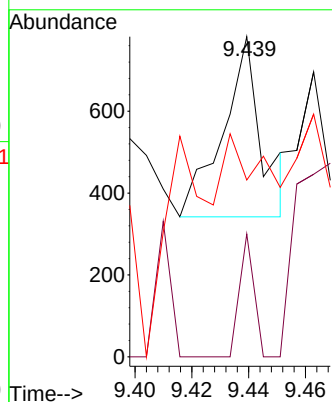
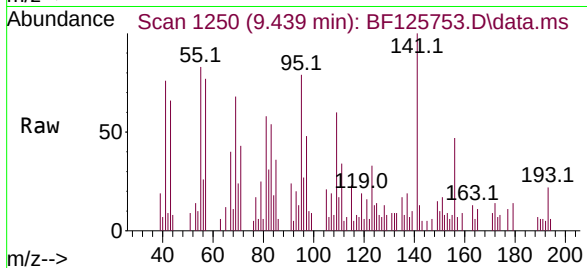




#48
2-Nitroaniline
Concen: 4.218 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.024 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

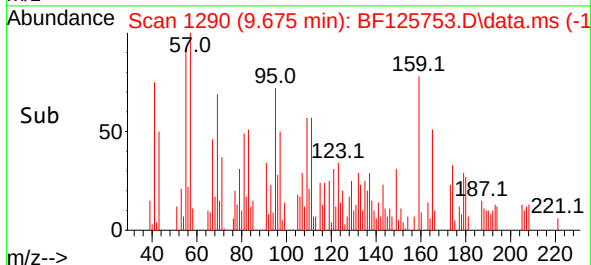
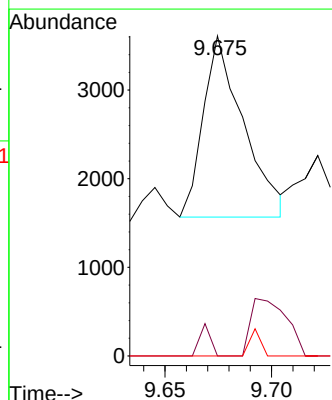
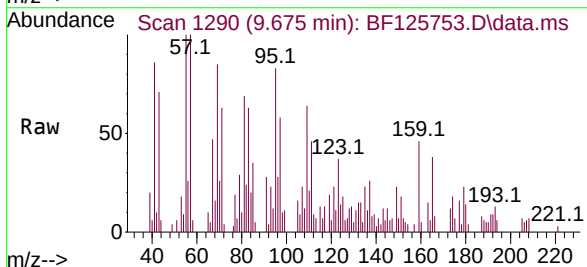
Instrument :
BNA_F
ClientSampleId :
26498

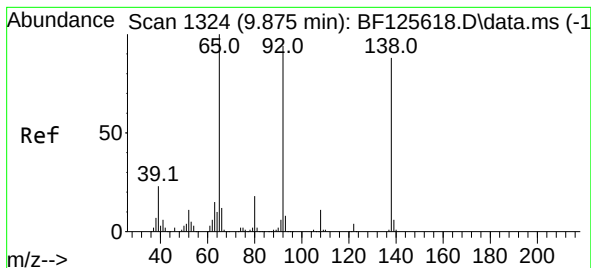
Tgt Ion: 65 Resp: 421
Ion Ratio Lower Upper
65 100
92 38.4 55.5 83.3#
138 55.2 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 4.527 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.029 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion:165 Resp: 2678
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

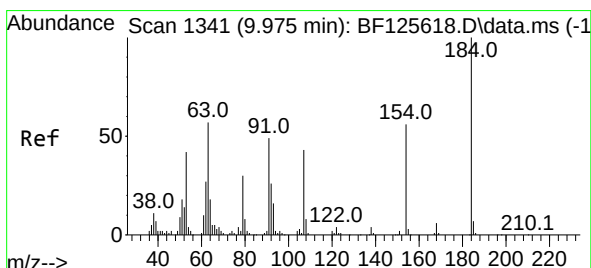
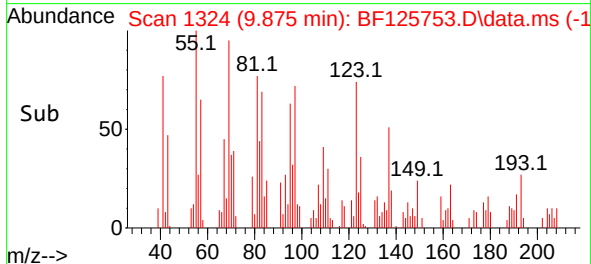
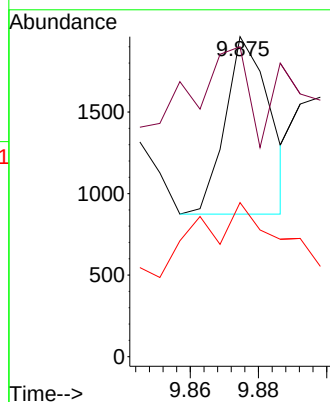
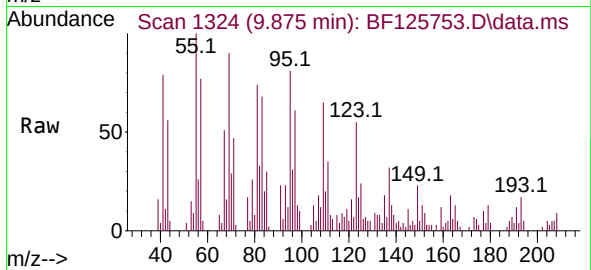




#53
3-Nitroaniline
Concen: 3.279 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

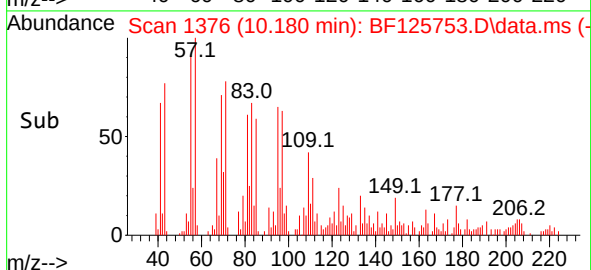
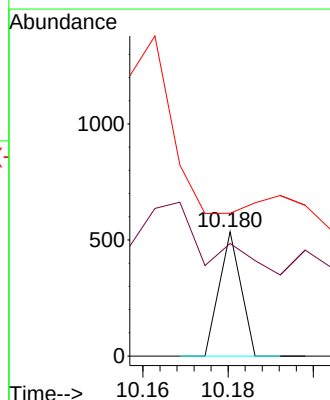
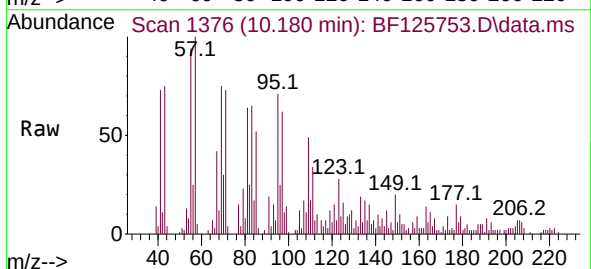
Instrument :
BNA_F
ClientSampleId :
26498

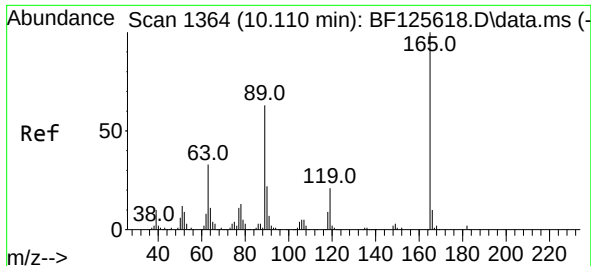
Tgt Ion:138 Resp: 993
Ion Ratio Lower Upper
138 100
108 96.8 9.3 13.9#
92 48.2 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 4.515 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.205 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion:184 Resp: 189
Ion Ratio Lower Upper
184 100
63 90.7 59.3 88.9#
154 115.0 68.6 102.8#

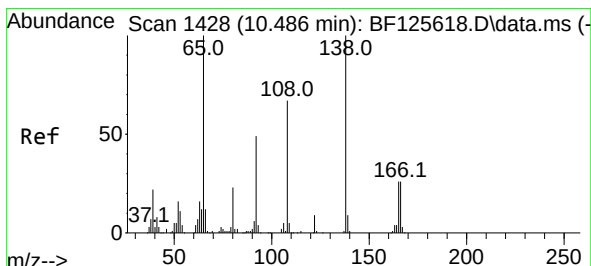
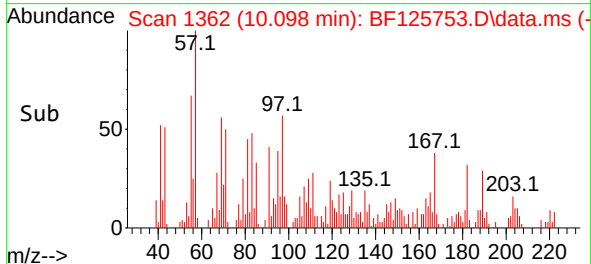
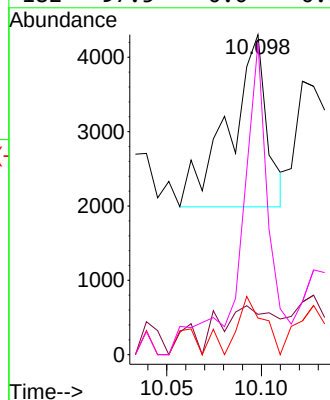
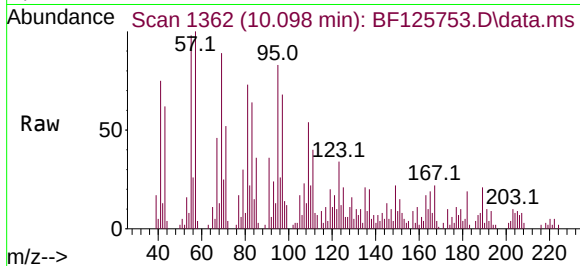




#57
2,4-Dinitrotoluene
Concen: 5.188 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

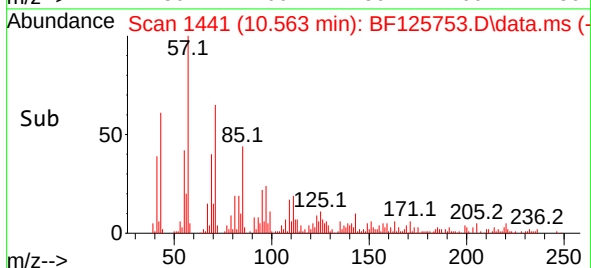
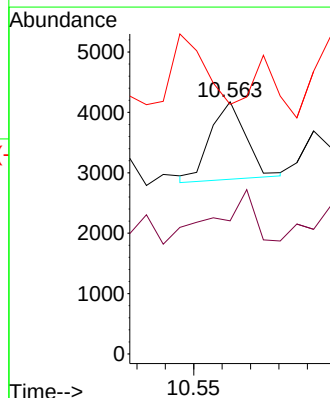
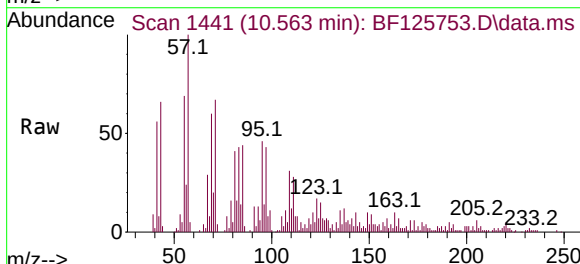
Instrument :
BNA_F
ClientSampled :
26498

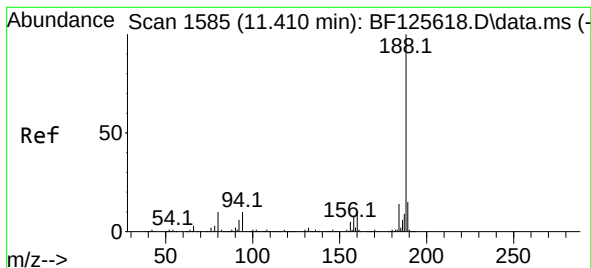
Tgt Ion:	165	Resp:	3194
Ion Ratio	Lower	Upper	
165	100		
63	12.6	40.9	61.3#
89	11.5	59.7	89.5#
182	97.5	0.0	0.0#



#62
4-Nitroaniline
Concen: 2.057 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.077 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion:	138	Resp:	1128
Ion Ratio	Lower	Upper	
138	100		
92	52.8	29.6	69.6
108	99.0	78.1	118.1

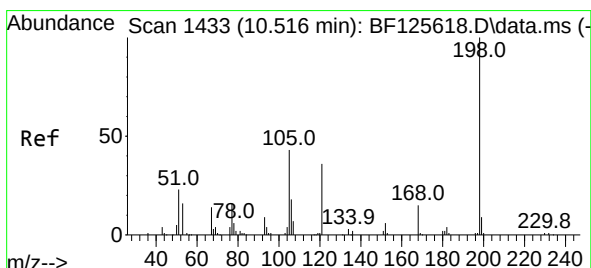
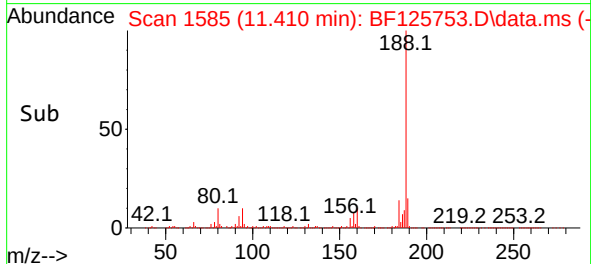
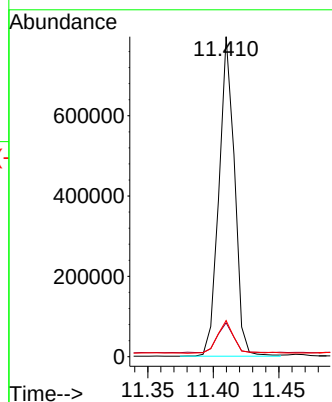
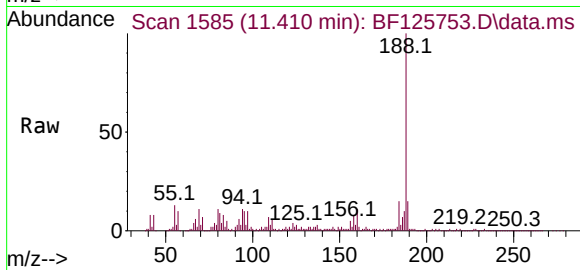




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

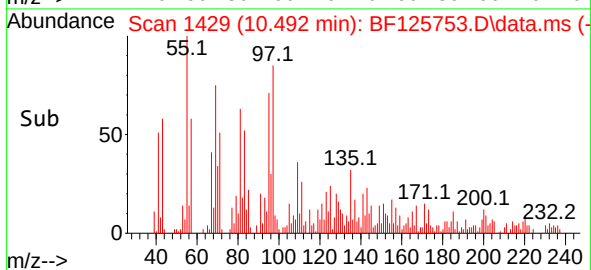
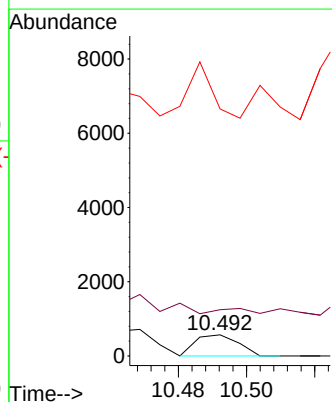
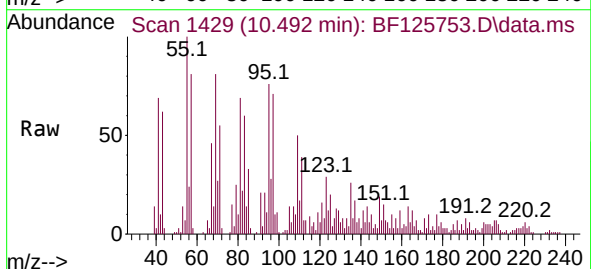
Instrument :
BNA_F
ClientSampleId :
26498

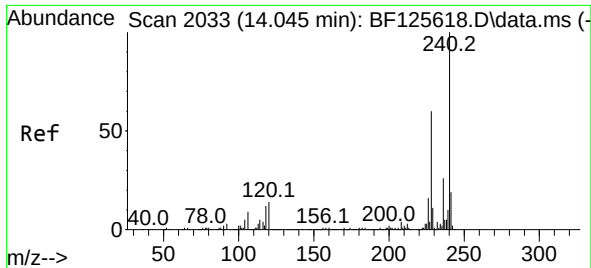
Tgt Ion:188 Resp: 657742
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 11.3 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.139 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.024 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion:198 Resp: 498
Ion Ratio Lower Upper
198 100
51 219.4 45.3 85.3#
105 1171.7 30.6 70.6#

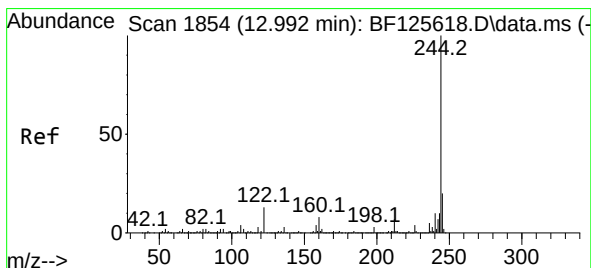
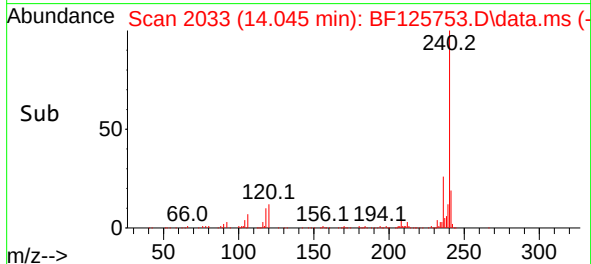
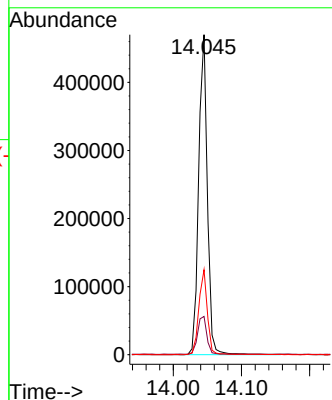
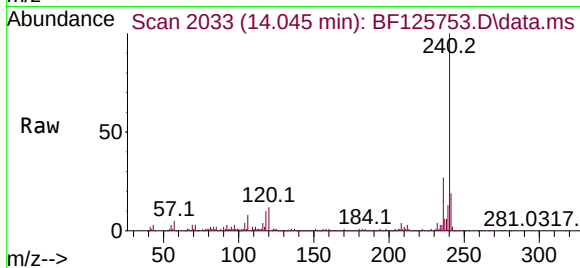




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

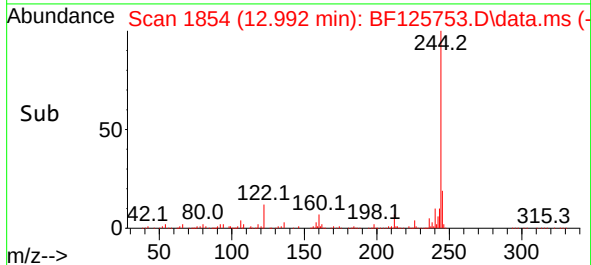
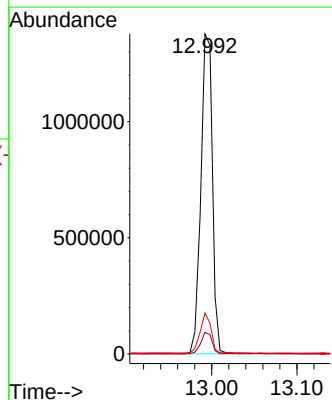
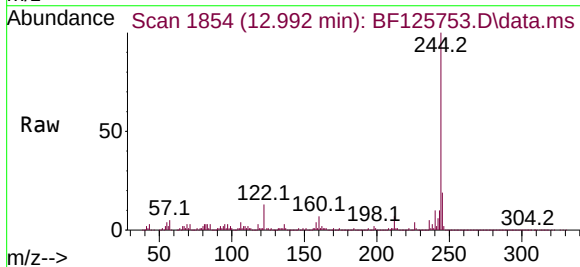
Instrument :
BNA_F
ClientSampleId :
26498

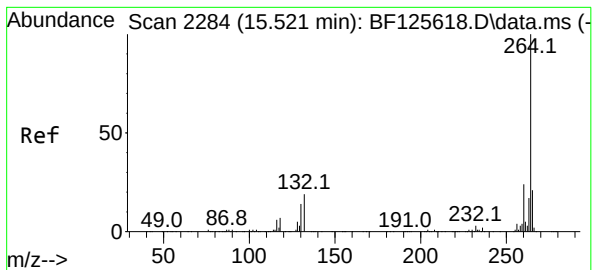
Tgt Ion:240 Resp: 416584
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 26.6 21.6 32.4



#79
Terphenyl-d14
Concen: 54.005 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125753.D
Acq: 1 Oct 2021 15:36

Tgt Ion:244 Resp: 1299125
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.8 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: BF125753.D
 Acq: 1 Oct 2021 15:36

Instrument :
 BNA_F
 ClientSampleId :
 26498

Tgt Ion:264 Resp: 467263
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.7 17.2 25.8

