

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132650.D
 Acq On : 06 Mar 2023 15:52
 Operator : CG\JU
 Sample : PB151231BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151231BL

Quant Time: Mar 07 00:54:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

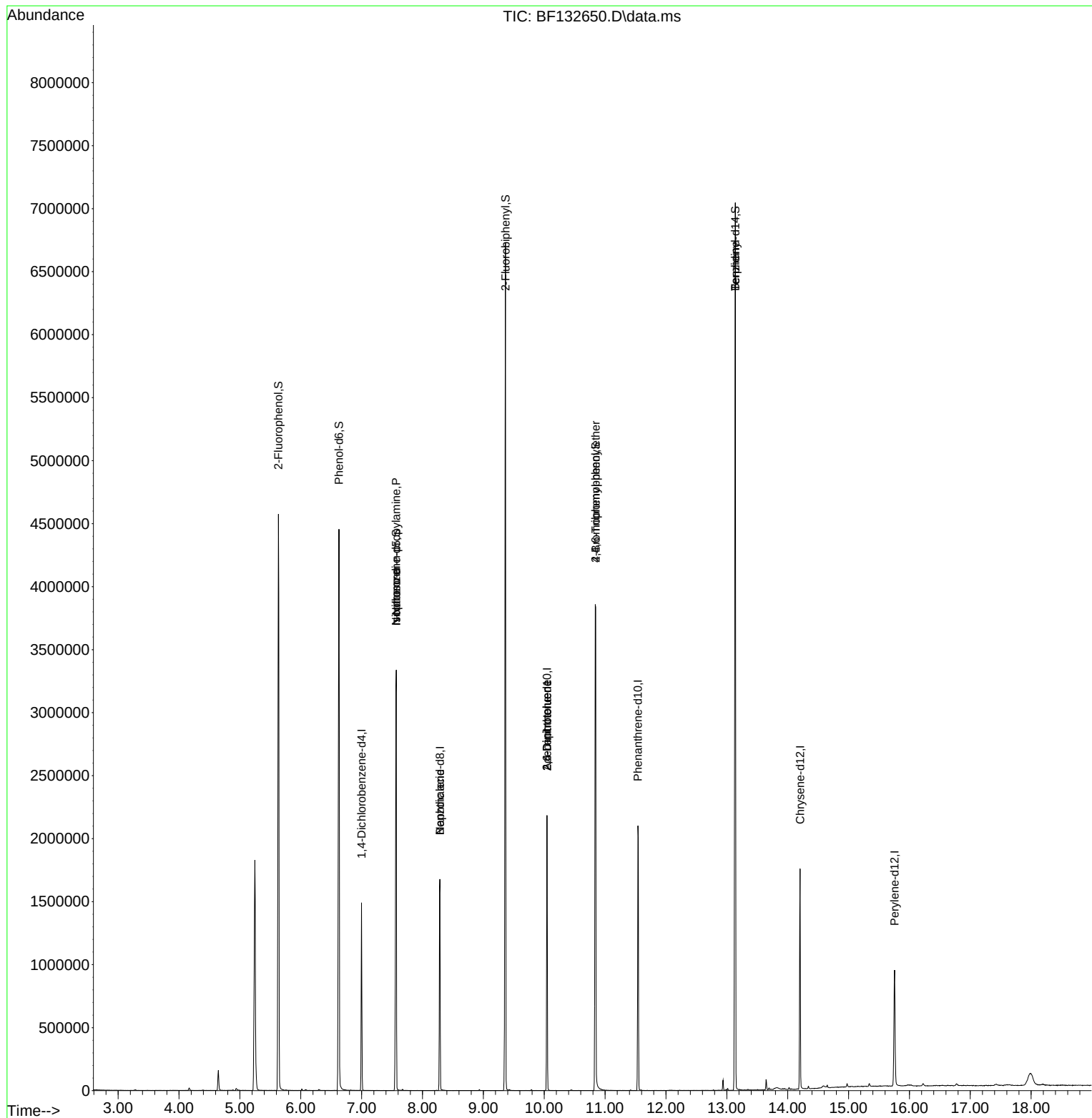
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	198630	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	753007	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	419302	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	827309	20.000	ng	0.00
76) Chrysene-d12	14.204	240	572357	20.000	ng	0.00
86) Perylene-d12	15.757	264	466939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1483408	121.207	ng	0.00
7) Phenol-d6	6.628	99	1930438	120.860	ng	0.00
23) Nitrobenzene-d5	7.569	82	1287337	81.111	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	572020	126.322	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2063916	74.949	ng	0.00
79) Terphenyl-d14	13.139	244	2673795	78.984	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	170804	17.376	ng	# 74
25) Isophorone	7.569	82	1287327	42.306	ng	# 67
32) Benzoic acid	8.287	122	209	3.857	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	54438	7.829	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	54438	5.885	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	36591	3.910	ng	# 1
77) Benzidine	13.139	184	38676	2.776	ng	# 93

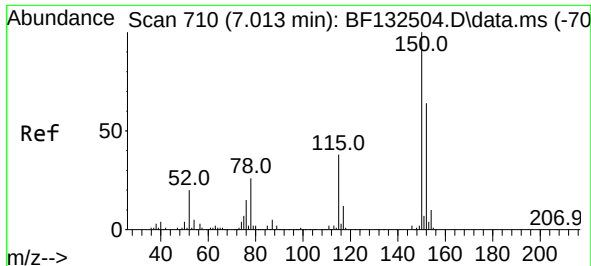
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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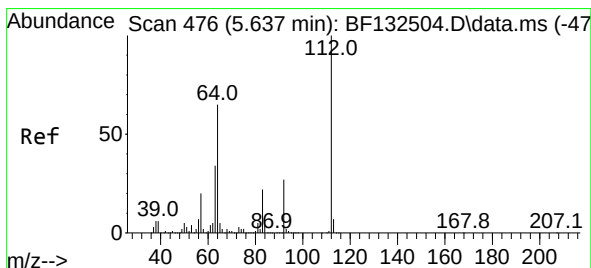
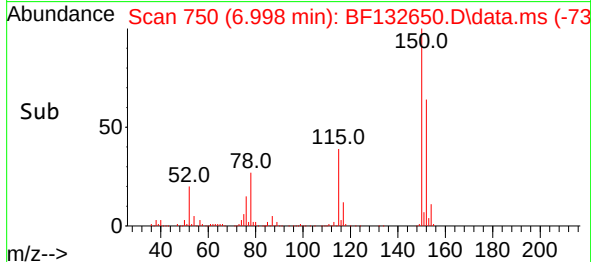
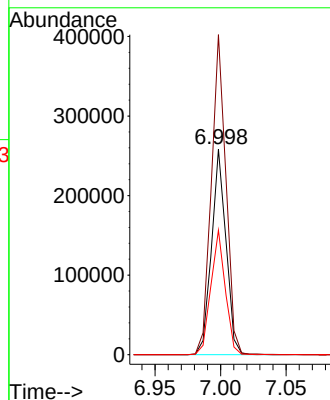
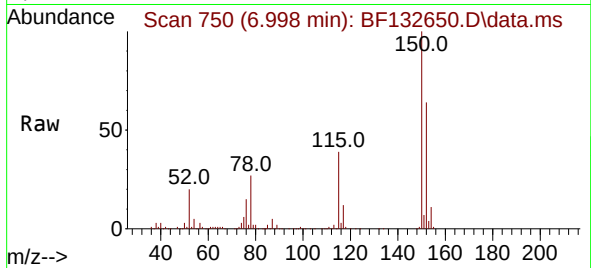




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

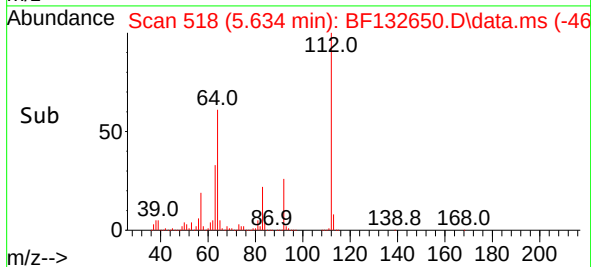
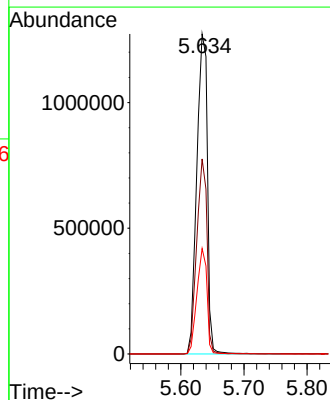
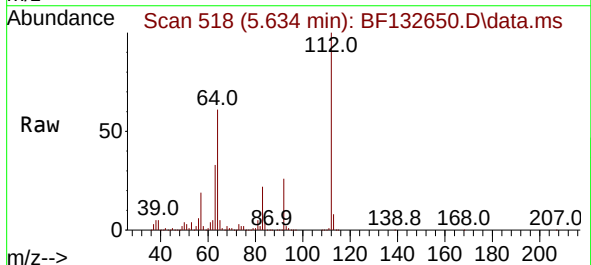
Instrument :
BNA_F
ClientSampleId :
PB151231BL

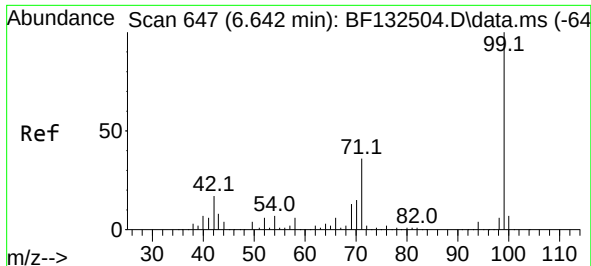
Tgt Ion:152 Resp: 198630
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 60.6 47.8 71.6



#5
2-Fluorophenol
Concen: 121.207 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:112 Resp: 1483408
Ion Ratio Lower Upper
112 100
64 61.0 51.6 77.4
63 32.9 27.4 41.2

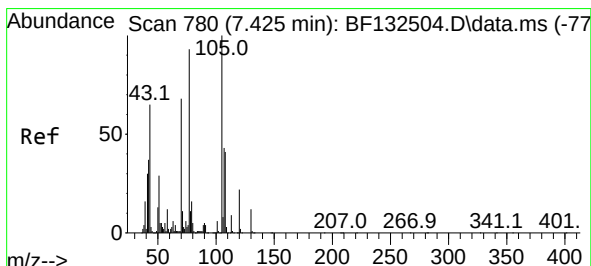
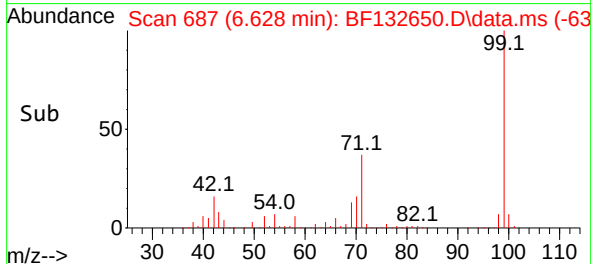
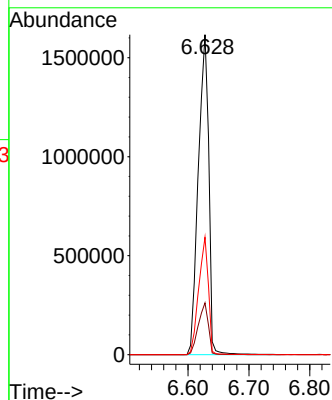
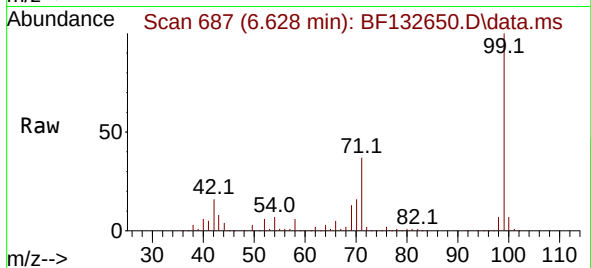




#7
Phenol-d6
Concen: 120.860 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

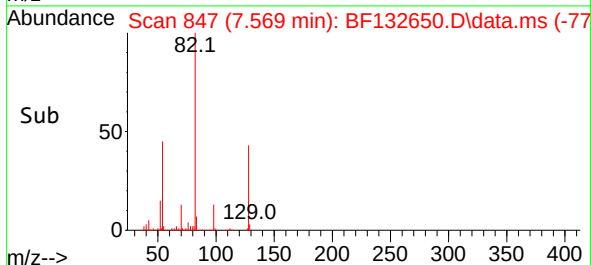
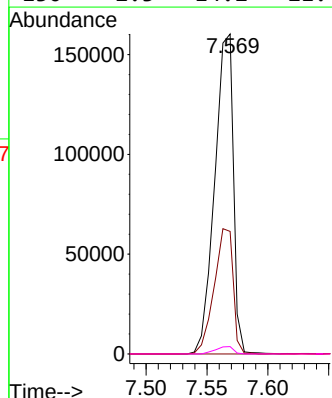
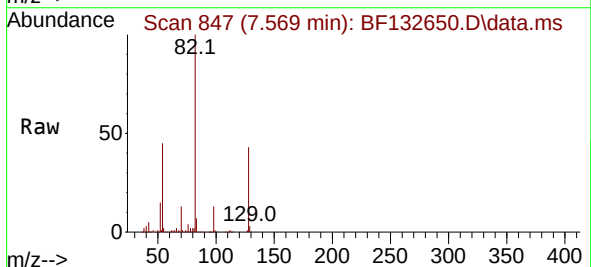
Instrument :
BNA_F
ClientSampleId :
PB151231BL

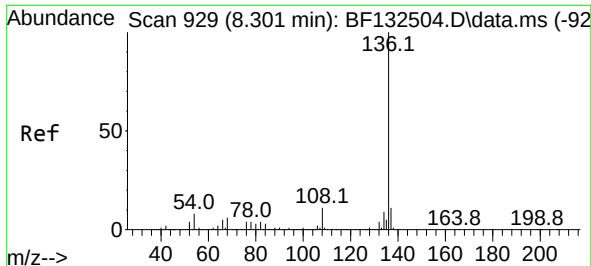
Tgt Ion: 99 Resp: 1930438
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 36.7 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.376 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion: 70 Resp: 170804
Ion Ratio Lower Upper
70 100
42 38.3 44.1 66.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#

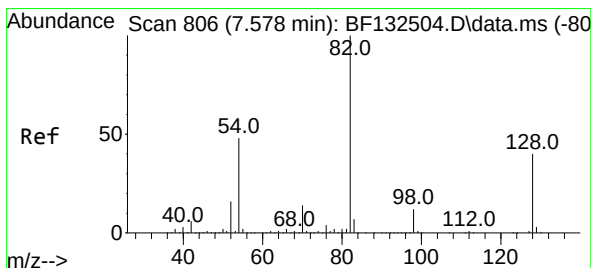
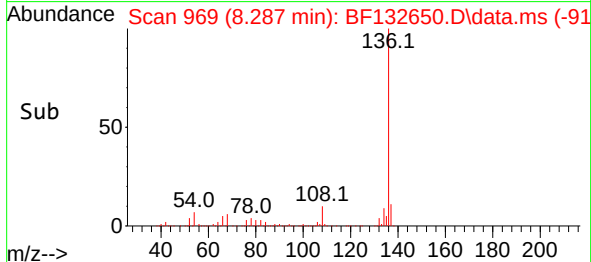
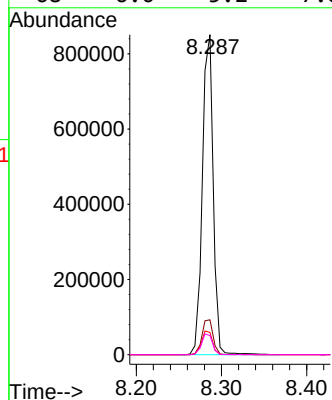
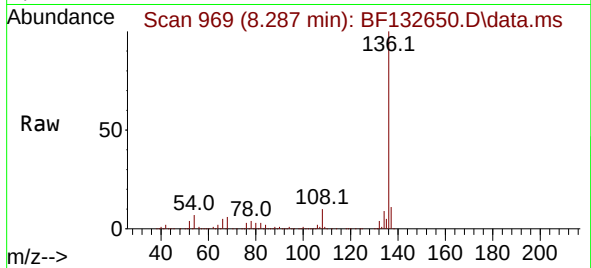




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

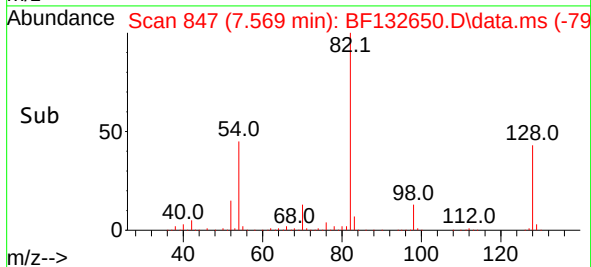
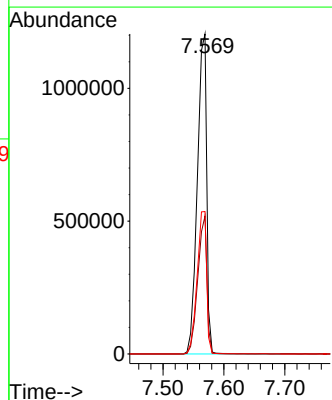
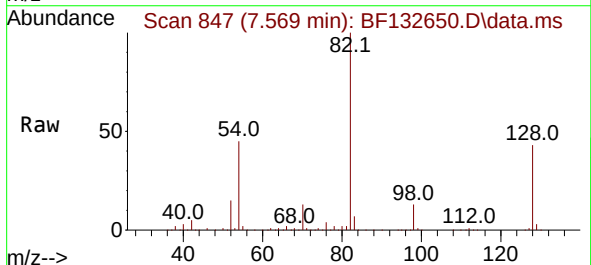
Instrument :
BNA_F
ClientSampleId :
PB151231BL

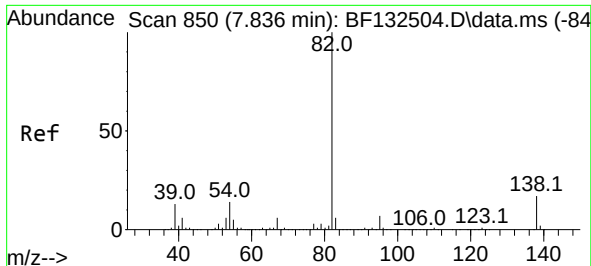
Tgt Ion:136 Resp: 753007
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.2 9.4
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 81.111 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion: 82 Resp: 1287337
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 44.5 38.4 57.6

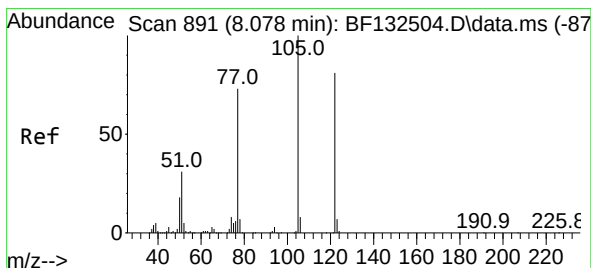
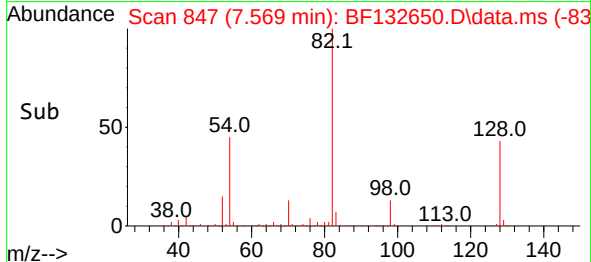
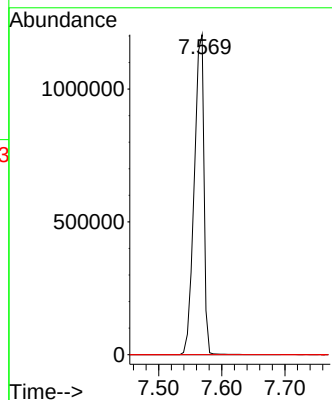
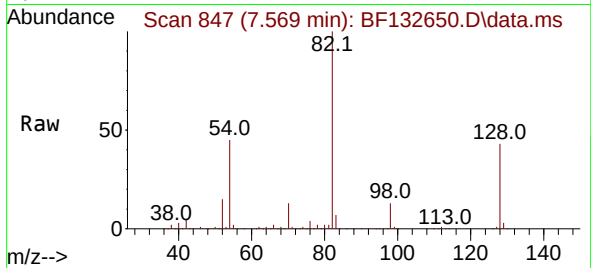




#25
Isophorone
Concen: 42.306 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

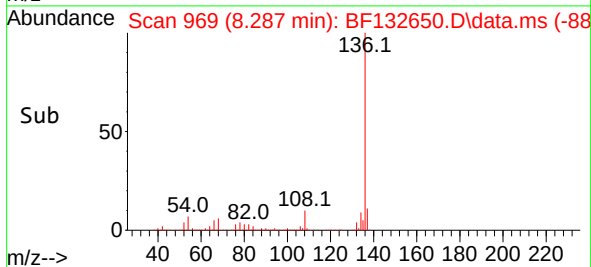
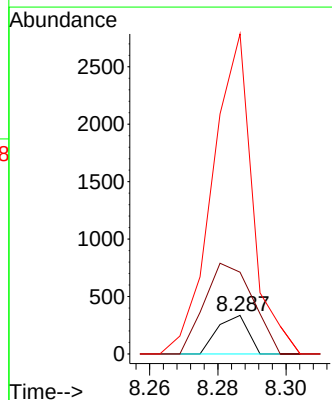
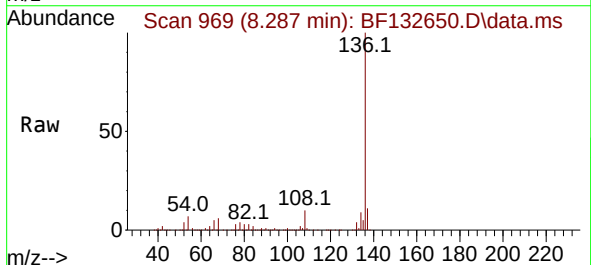
Instrument :
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ClientSampleId :
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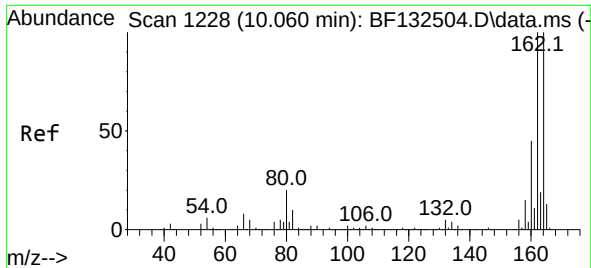
Tgt Ion: 82 Resp: 1287327
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.857 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion: 122 Resp: 209
Ion Ratio Lower Upper
122 100
105 212.2 102.6 142.6#
77 831.6 70.2 110.2#

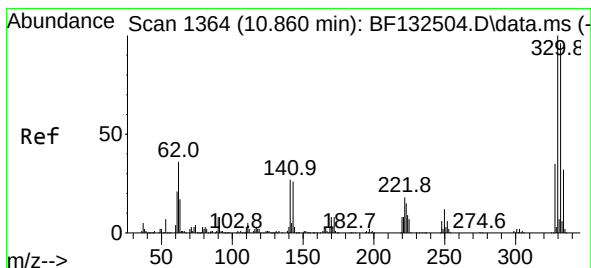
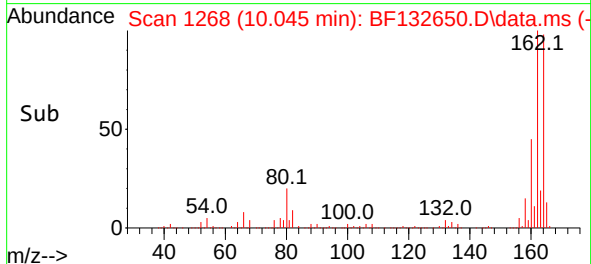
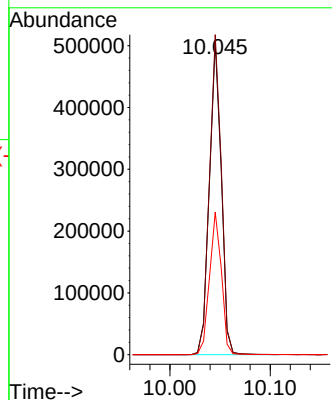
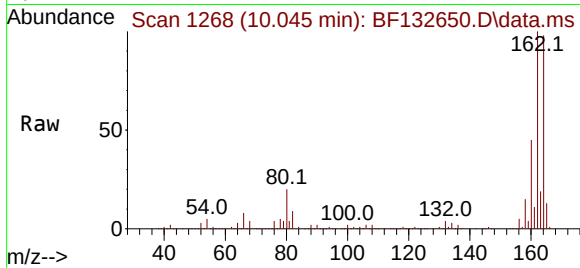




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1404
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

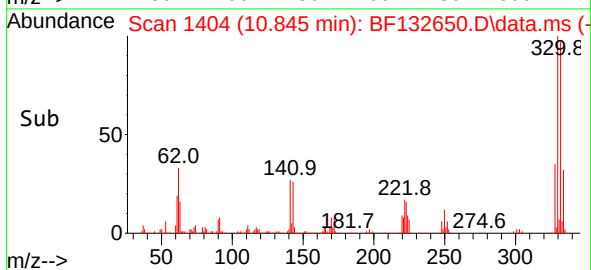
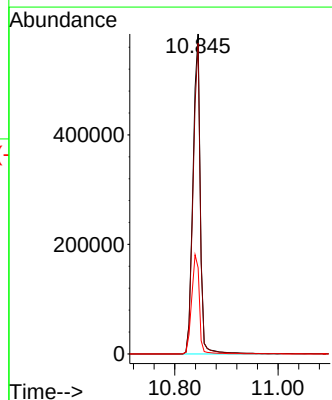
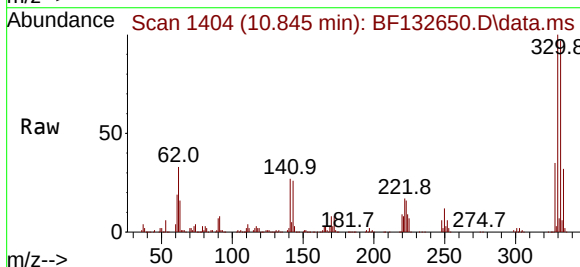
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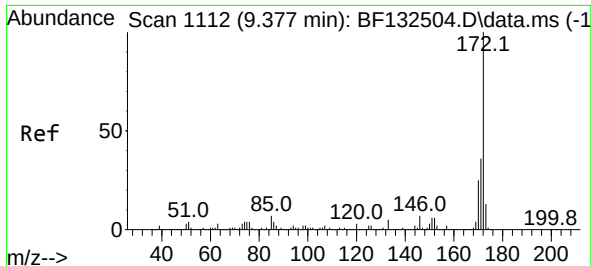
Tgt Ion:164 Resp: 419302
Ion Ratio Lower Upper
164 100
162 102.4 79.8 119.8
160 45.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 126.322 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:330 Resp: 572020
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.8 28.4 42.6

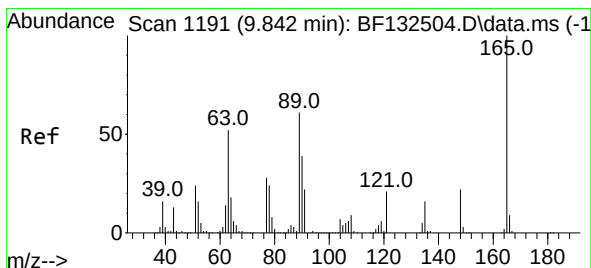
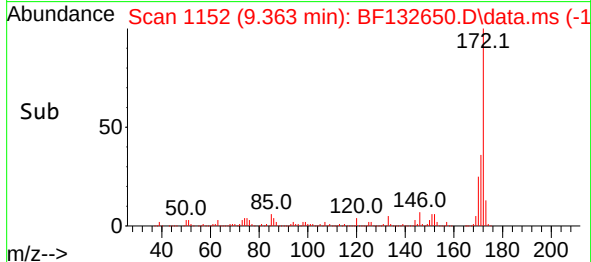
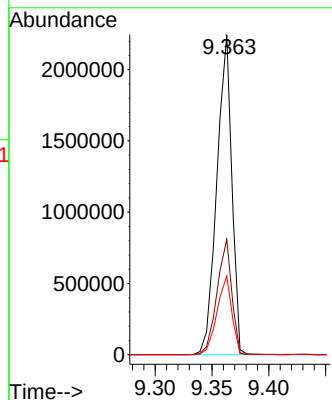
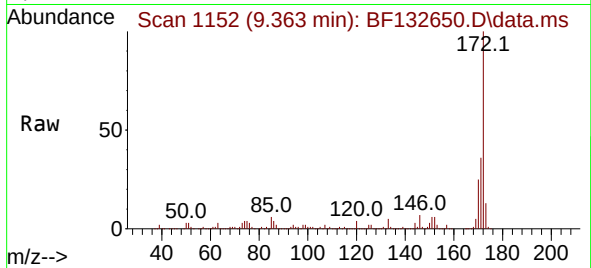




#45
2-Fluorobiphenyl
Concen: 74.949 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

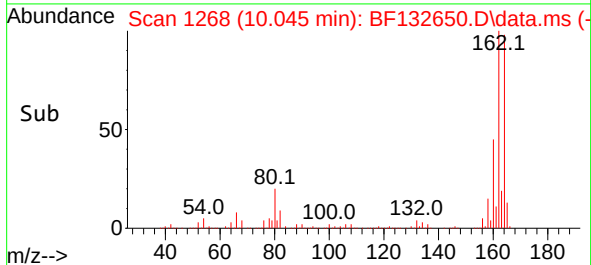
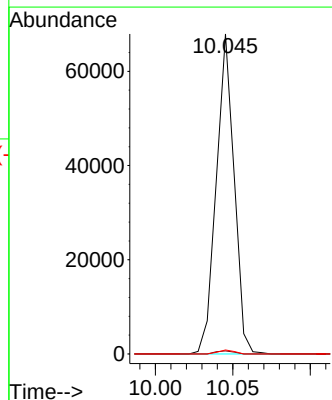
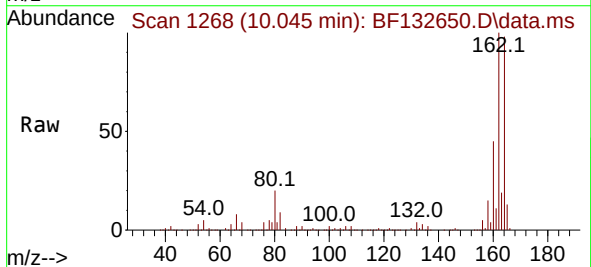
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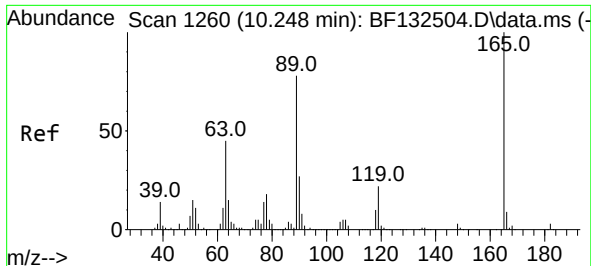
Tgt Ion:172 Resp: 2063916
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.6 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.829 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:165 Resp: 54438
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.2 48.9 73.3#

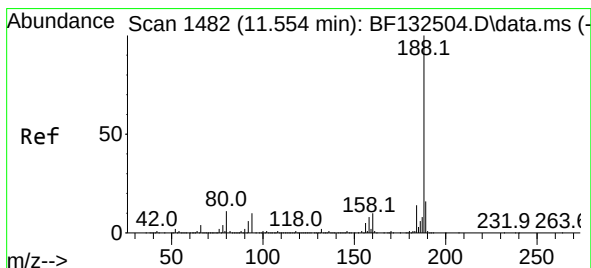
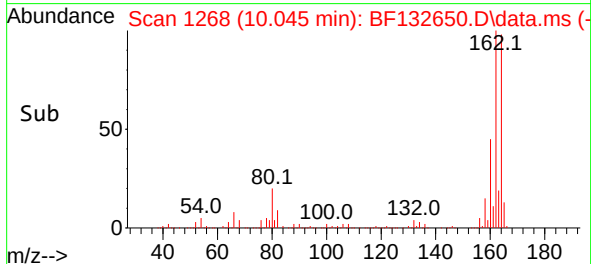
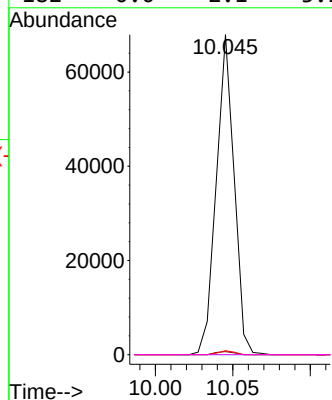
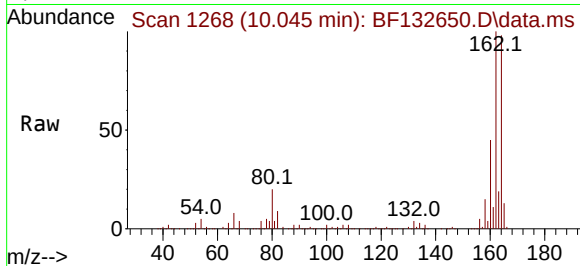




#57
2,4-Dinitrotoluene
Concen: 5.885 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

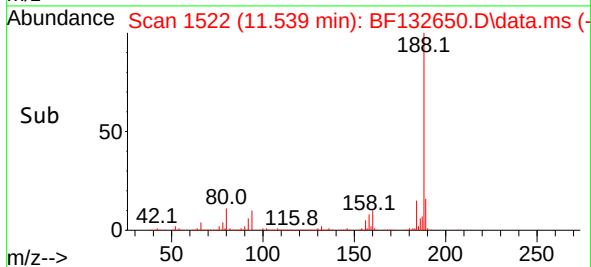
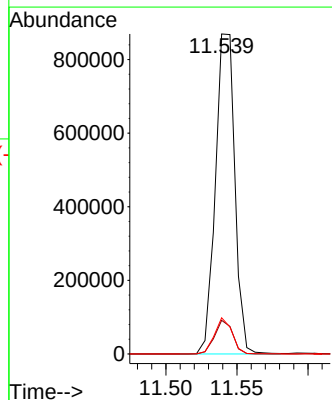
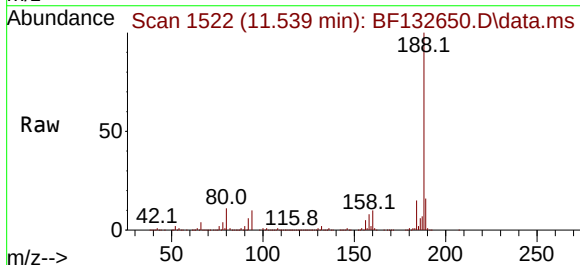
Instrument :
BNA_F
ClientSampleId :
PB151231BL

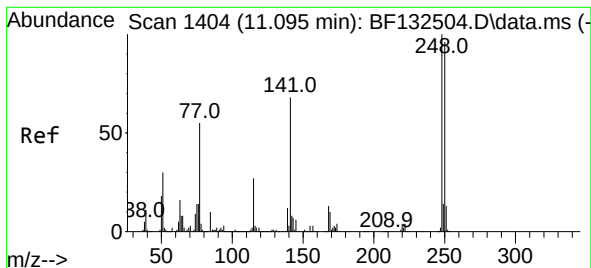
Tgt Ion:165	Resp:	54438
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.5 54.7#
89	1.2	62.4 93.6#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1522
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:188	Resp:	827309
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.3 12.5
80	11.3	8.7 13.1

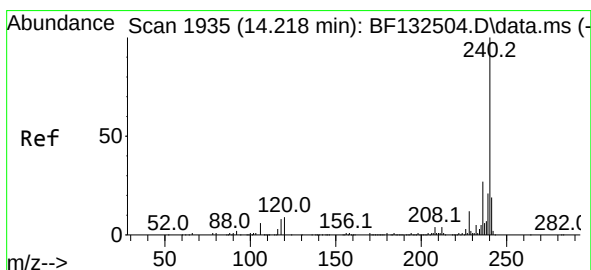
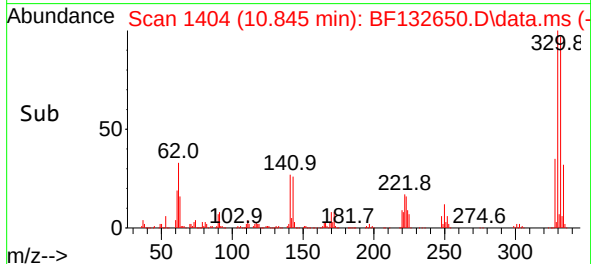
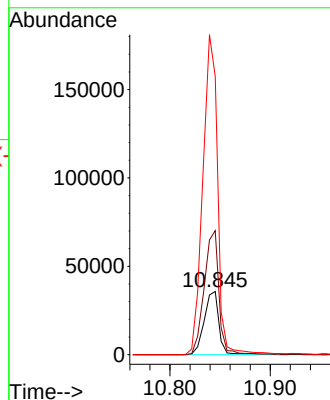
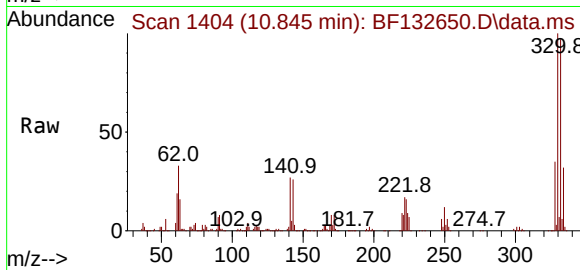




#67
4-Bromophenyl-phenylether
Concen: 3.910 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

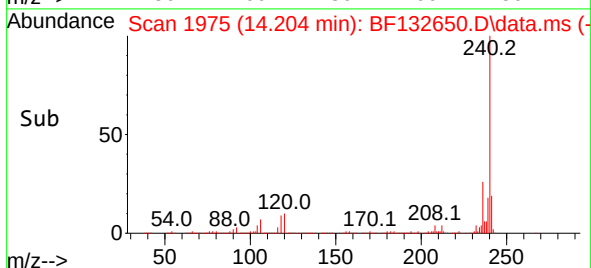
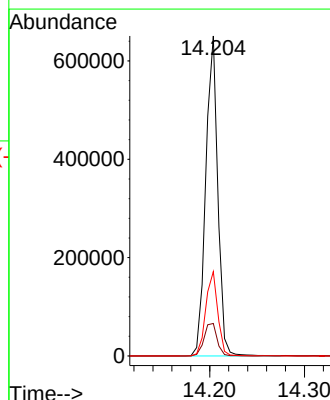
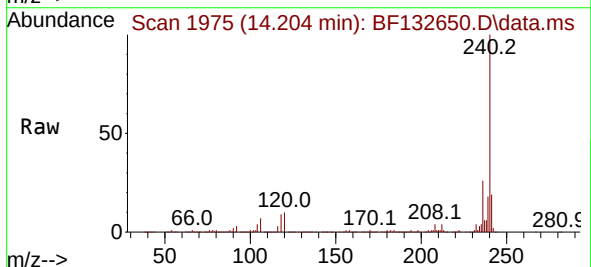
Instrument :
BNA_F
ClientSampleId :
PB151231BL

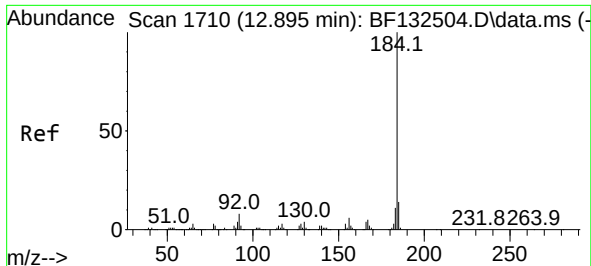
Tgt Ion:248 Resp: 36591
Ion Ratio Lower Upper
248 100
250 196.2 77.0 115.4#
141 440.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:240 Resp: 572357
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 26.3 21.8 32.6

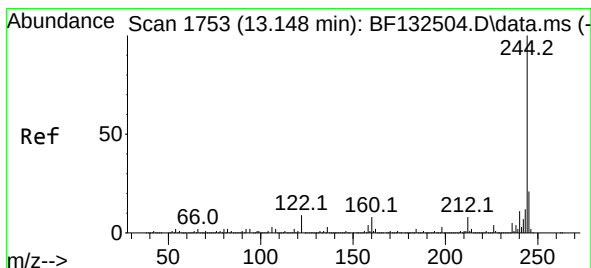
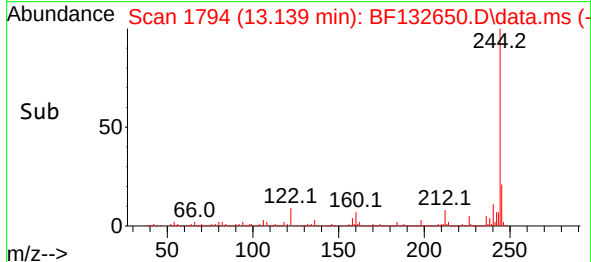
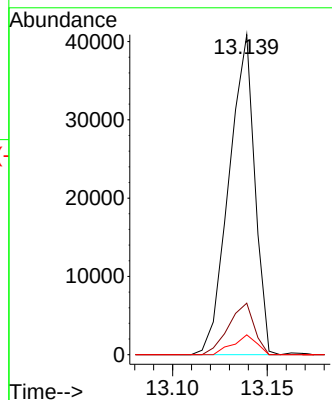
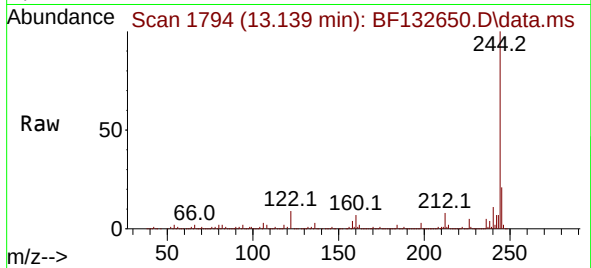




#77
Benzidine
Concen: 2.776 ng
RT: 13.139 min Scan# 1794
Delta R.T. 0.256 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

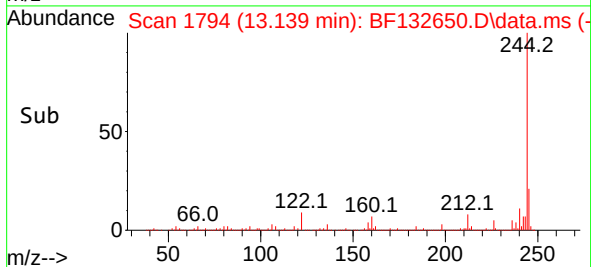
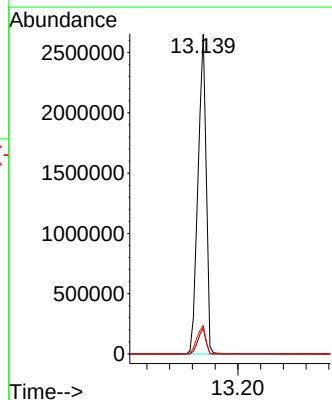
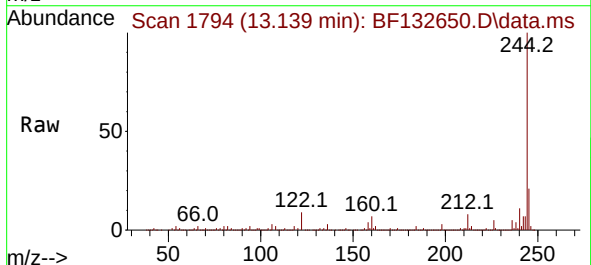
Instrument :
BNA_F
ClientSampleId :
PB151231BL

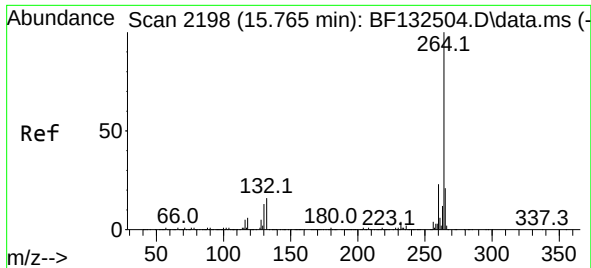
Tgt Ion:184 Resp: 38676
Ion Ratio Lower Upper
184 100
185 16.1 11.7 17.5
183 6.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 78.984 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:244 Resp: 2673795
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 8.8 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Instrument :
BNA_F
ClientSampleId :
PB151231BL

Tgt Ion:264 Resp: 466939
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 21.6 17.1 25.7

