

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135818.D
 Acq On : 17 Oct 2023 18:26
 Operator : CG\JU
 Sample : 04723-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5B

Quant Time: Oct 18 02:00:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

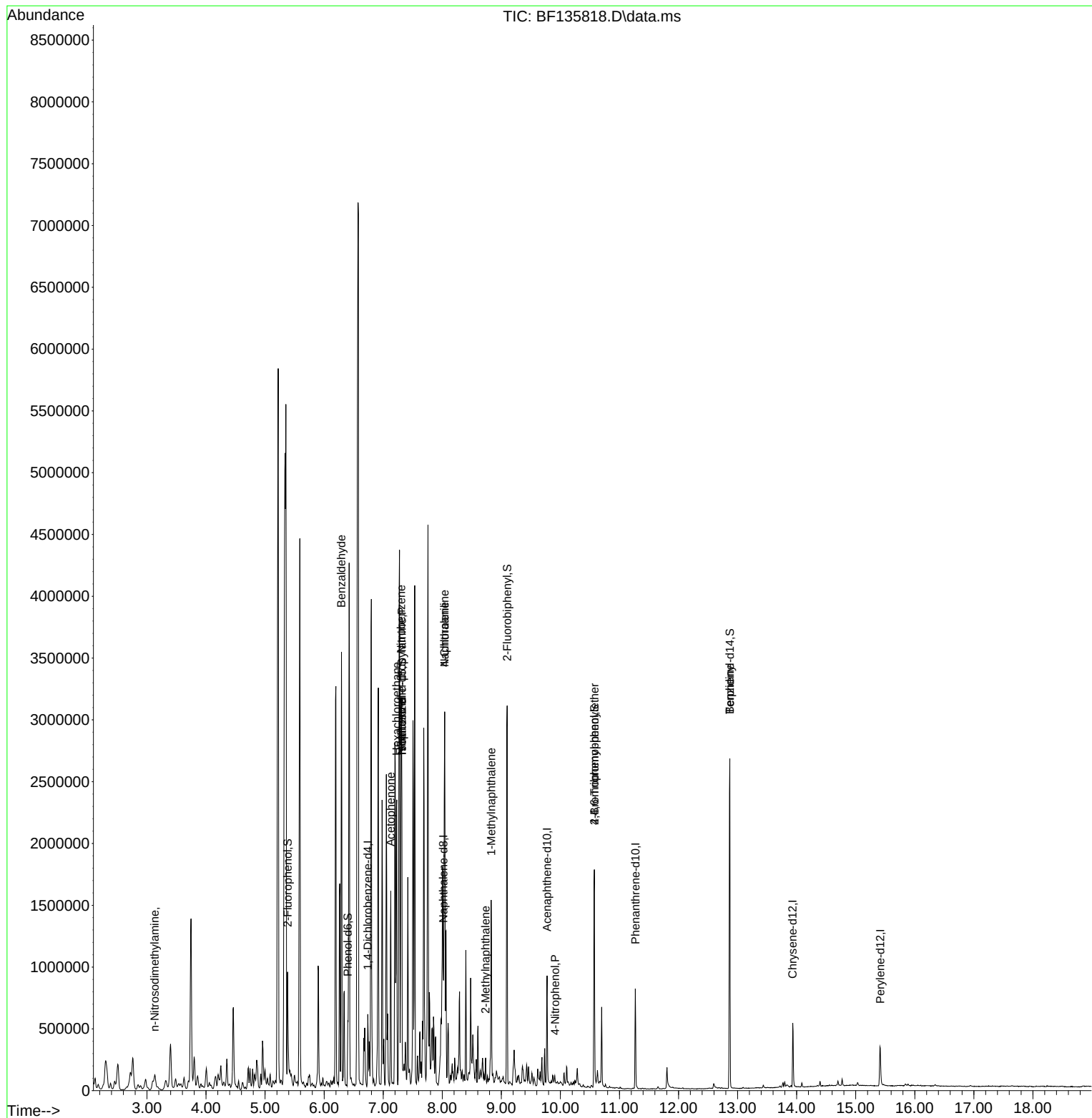
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	82355	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	301192	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	152339	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	299651	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	185434	20.000	ng	-0.02
86) Perylene-d12	15.415	264	164605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	317943	62.070	ng	0.00
7) Phenol-d6	6.398	99	224555	35.134	ng	0.00
23) Nitrobenzene-d5	7.316	82	508345	92.826	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	220563	150.883	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	976443	100.216	ng	0.00
79) Terphenyl-d14	12.869	244	962931	96.167	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.128	42	8678	2.662	ng	# 3
9) Benzaldehyde	6.293	77	137512	37.802	ng	# 1
18) Hexachloroethane	7.228	117	59011	28.689	ng	# 1
19) n-Nitroso-di-n-propyla...	7.316	70	70103	17.739	ng	# 74
22) Acetophenone	7.128	105	581768	84.222	ng	# 52
24) Nitrobenzene	7.304	77	50821	9.247	ng	# 1
25) Isophorone	7.316	82	507363	49.109	ng	# 66
31) Naphthalene	8.039	128	905219	61.618	ng	97
33) 4-Chloroaniline	8.039	127	133543	20.809	ng	# 38
37) 2-Methylnaphthalene	8.734	142	44006	4.546	ng	99
38) 1-Methylnaphthalene	8.828	142	355354	39.805	ng	98
56) 4-Nitrophenol	9.910	139	156	5.609	ng	# 1
67) 4-Bromophenyl-phenylether	10.575	248	14550	4.837	ng	# 1
77) Benzidine	12.869	184	12413	3.068	ng	# 93

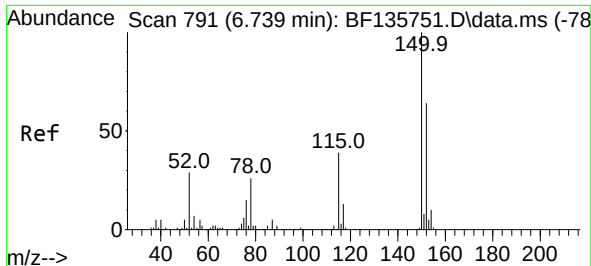
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135818.D
Acq On : 17 Oct 2023 18:26
Operator : CG\JU
Sample : 04723-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5B

Quant Time: Oct 18 02:00:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

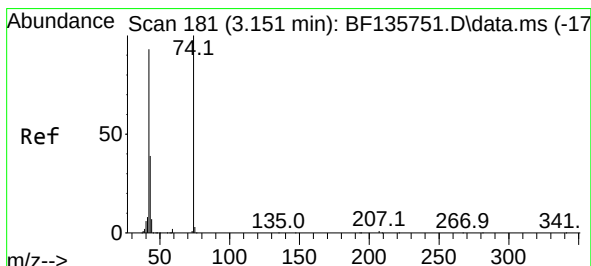
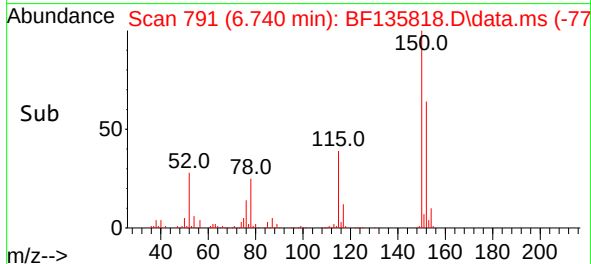
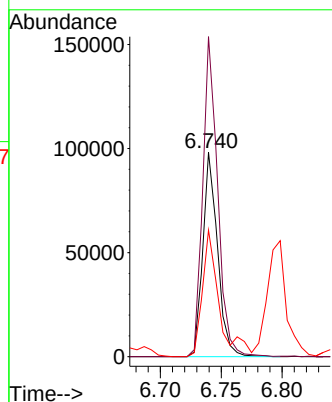
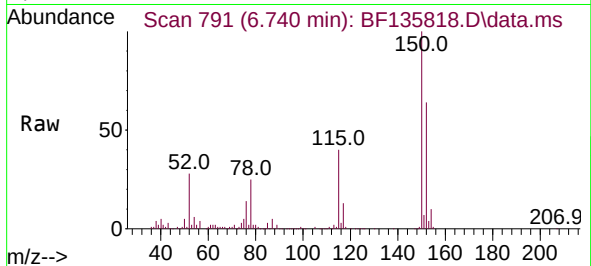




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

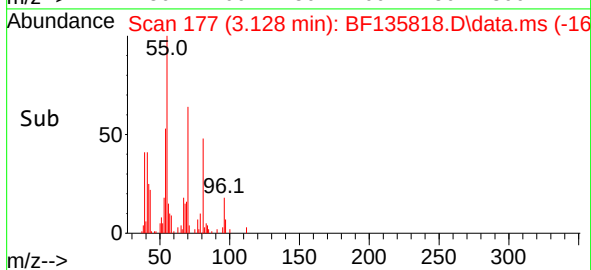
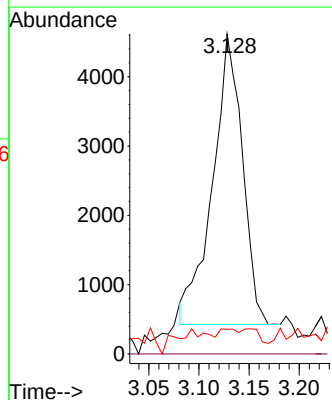
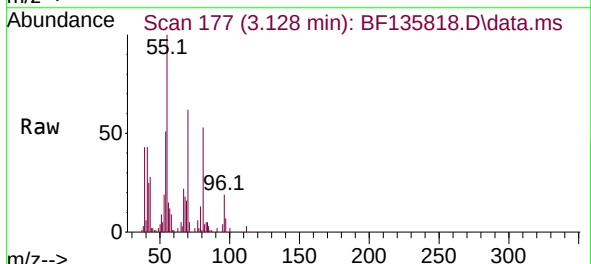
Instrument :
BNA_F
ClientSampleId :
MW-5B

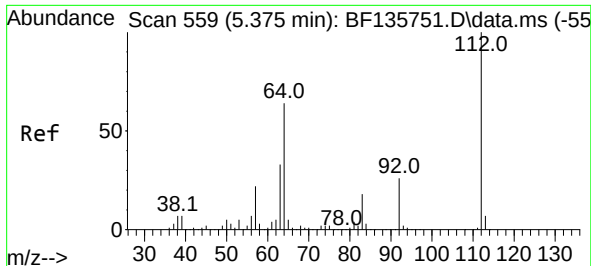
Tgt Ion:152 Resp: 82355
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 62.0 49.0 73.4



#4
n-Nitrosodimethylamine
Concen: 2.662 ng
RT: 3.128 min Scan# 177
Delta R.T. -0.041 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion: 42 Resp: 8678
Ion Ratio Lower Upper
42 100
74 0.0 86.5 129.7#
44 7.7 5.9 8.9

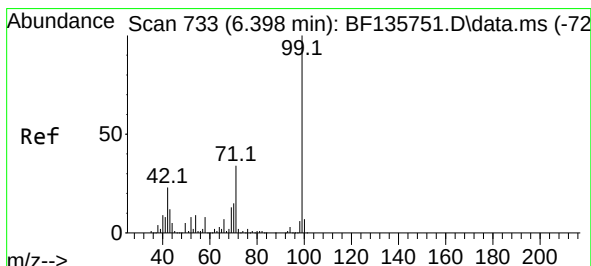
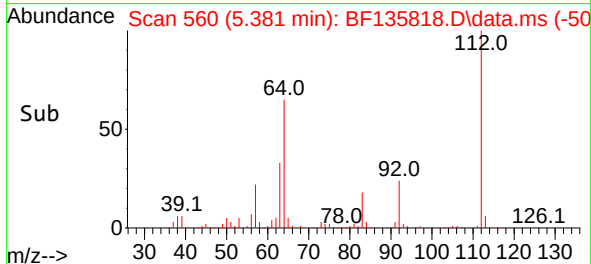
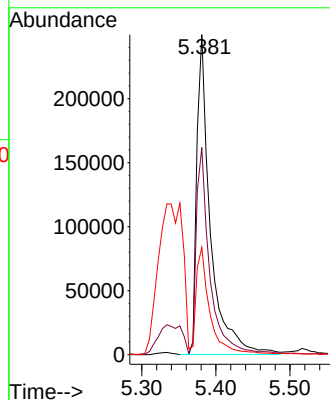
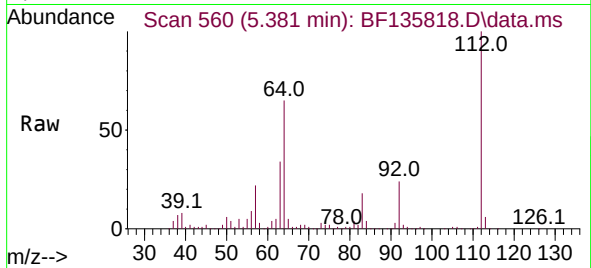




#5
2-Fluorophenol
Concen: 62.070 ng
RT: 5.381 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

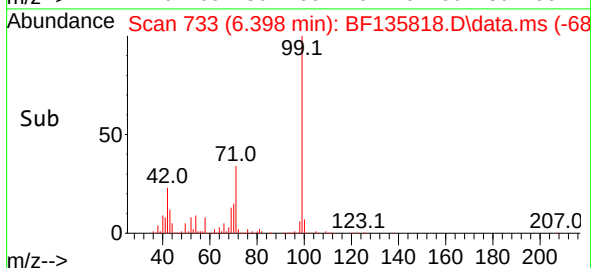
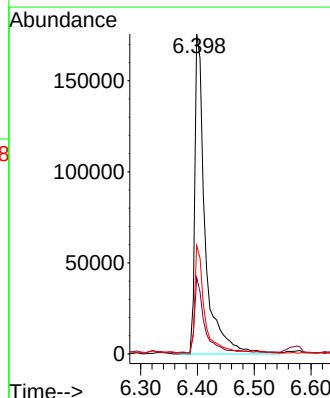
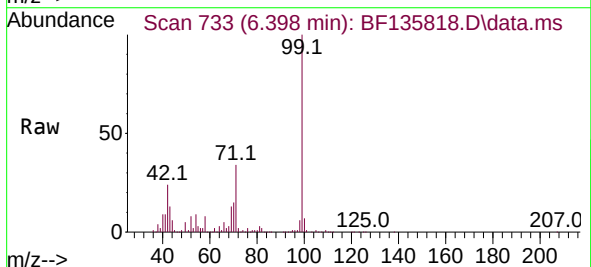
Instrument :
BNA_F
ClientSampleId :
MW-5B

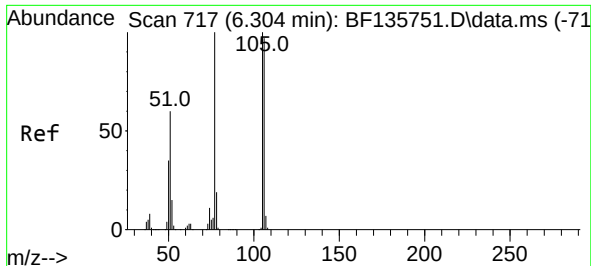
Tgt Ion:112 Resp: 317943
Ion Ratio Lower Upper
112 100
64 64.8 51.2 76.8
63 33.5 26.1 39.1



#7
Phenol-d6
Concen: 35.134 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion: 99 Resp: 224555
Ion Ratio Lower Upper
99 100
42 23.8 18.4 27.6
71 33.9 27.2 40.8

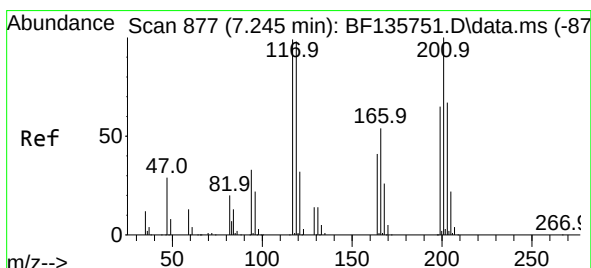
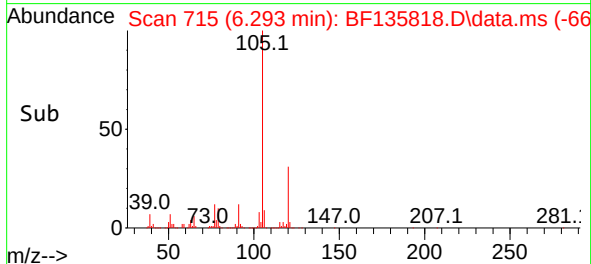
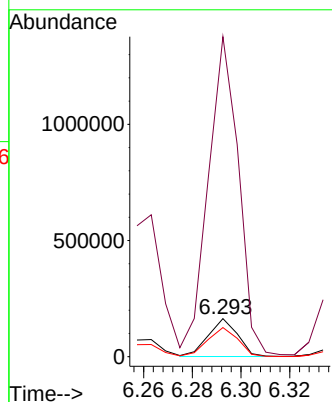
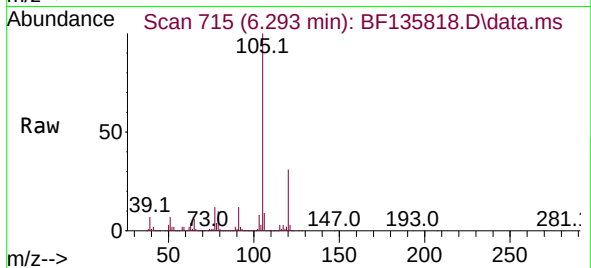




#9
Benzaldehyde
Concen: 37.802 ng
RT: 6.293 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

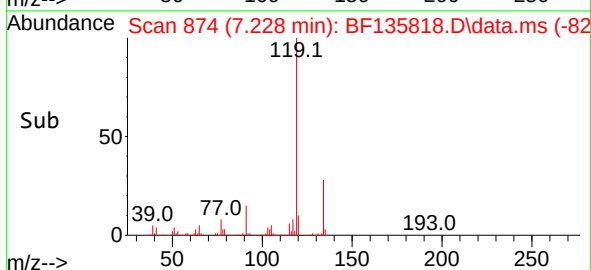
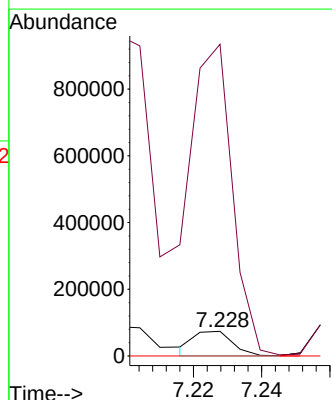
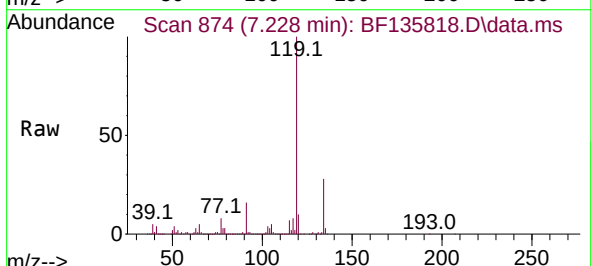
Instrument :
BNA_F
ClientSampleId :
MW-5B

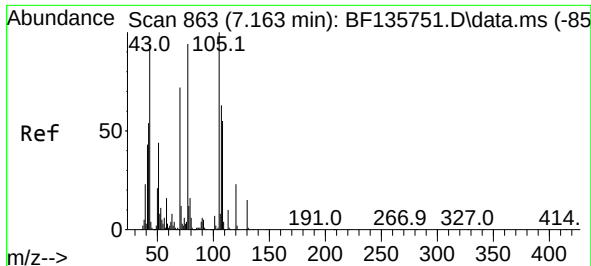
Tgt Ion: 77 Resp: 137512
Ion Ratio Lower Upper
77 100
105 840.0 79.9 119.9#
106 76.3 77.1 117.1#



#18
Hexachloroethane
Concen: 28.689 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.018 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion: 117 Resp: 59011
Ion Ratio Lower Upper
117 100
119 1267.9 79.5 119.3#
201 0.0 80.9 121.3#

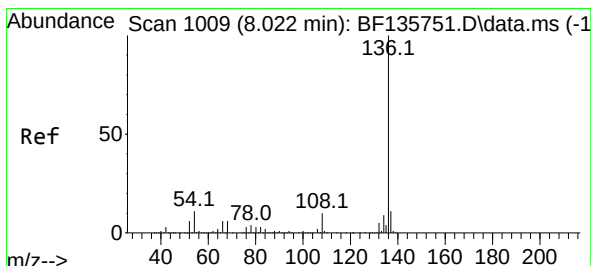
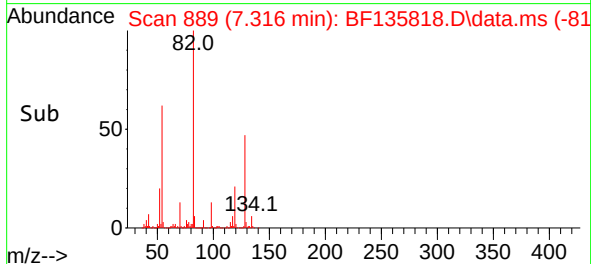
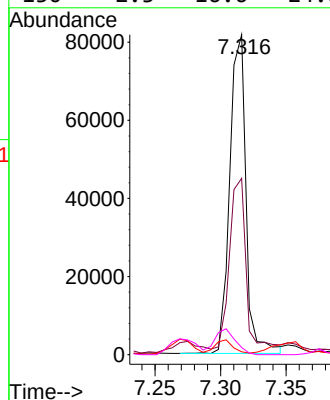
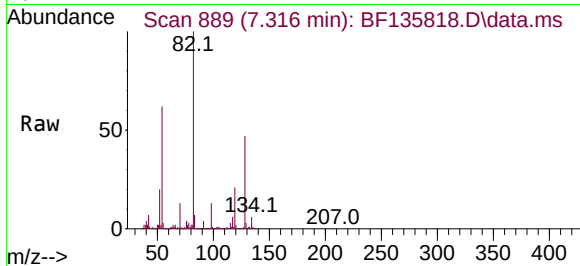




#19
n-Nitroso-di-n-propylamine
Concen: 17.739 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

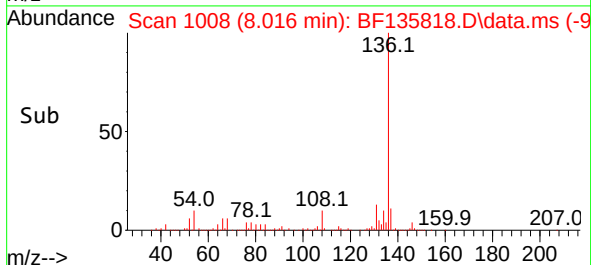
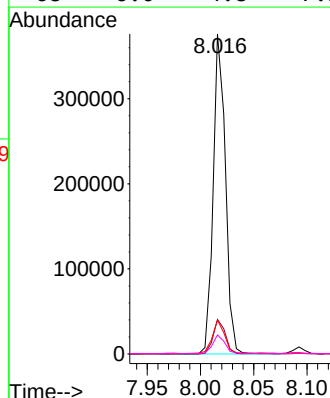
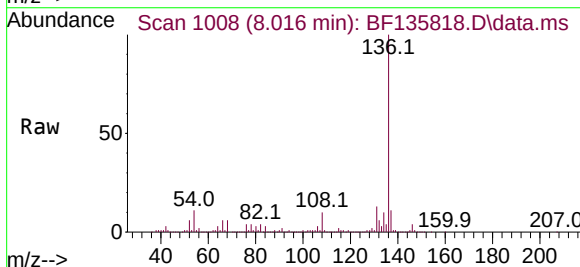
Instrument :
BNA_F
ClientSampleId :
MW-5B

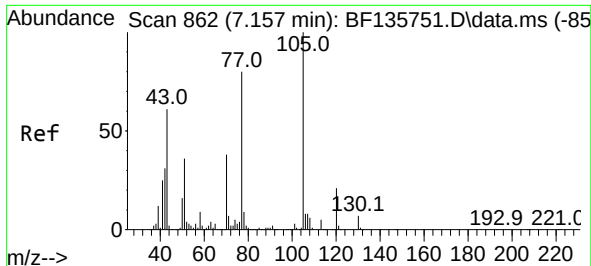
Tgt Ion: 70 Resp: 70103
Ion Ratio Lower Upper
70 100
42 55.1 59.8 89.6#
101 0.9 7.4 11.2#
130 2.3 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:136 Resp: 301192
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.6 8.5 12.7
68 6.0 4.8 7.2

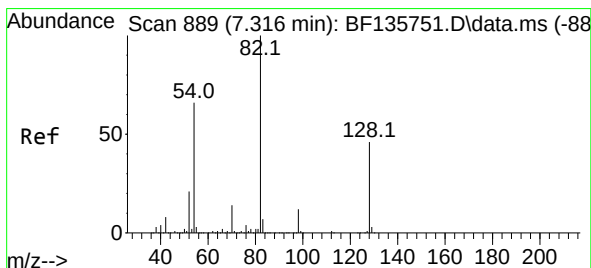
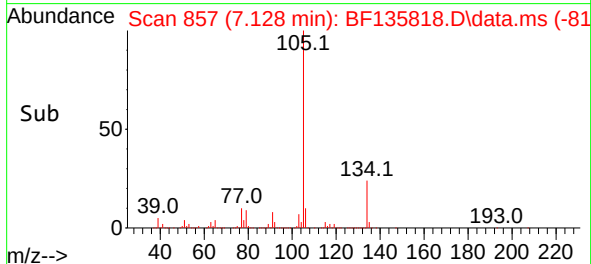
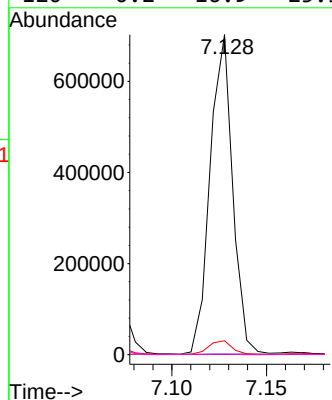
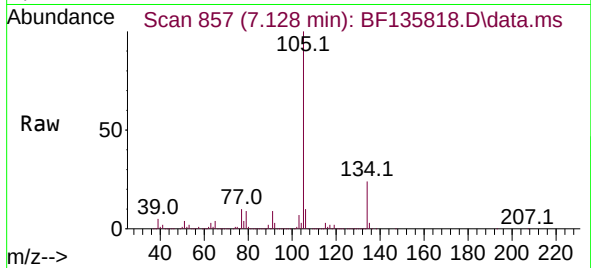




#22
Acetophenone
Concen: 84.222 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.029 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

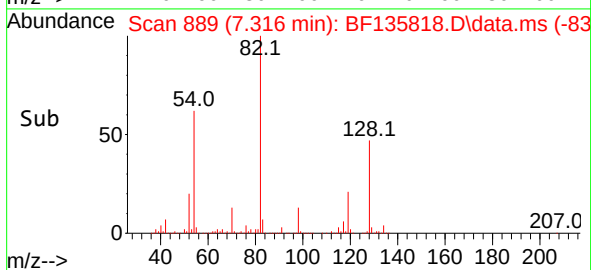
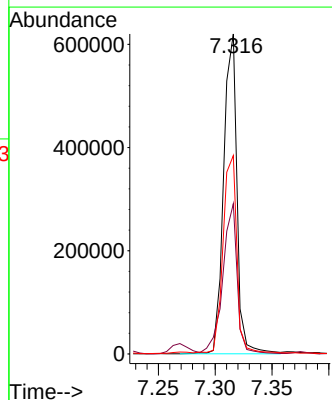
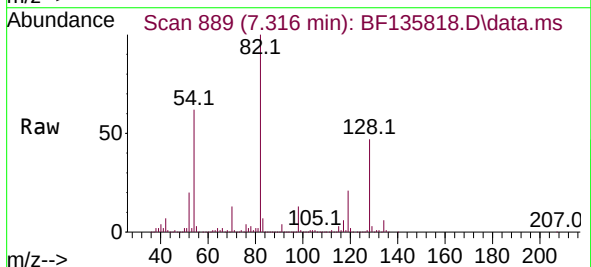
Instrument :
BNA_F
ClientSampleId :
MW-5B

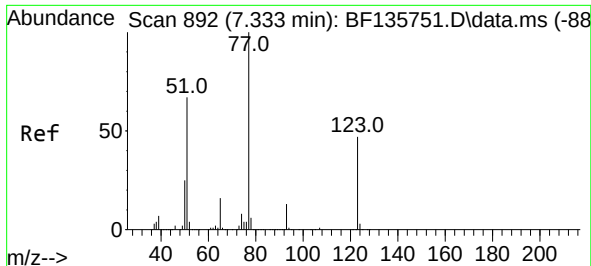
Tgt Ion:105 Resp: 581768
Ion Ratio Lower Upper
105 100
71 0.1 5.4 8.0#
51 4.3 29.4 44.0#
120 0.2 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 92.826 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion: 82 Resp: 508345
Ion Ratio Lower Upper
82 100
128 46.9 37.0 55.6
54 62.0 52.8 79.2

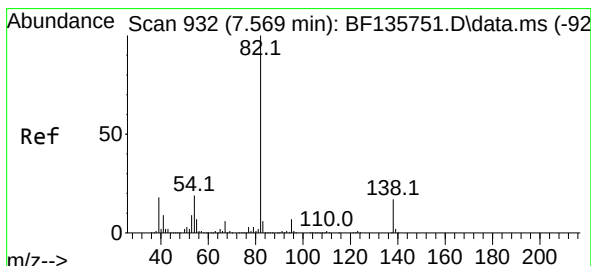
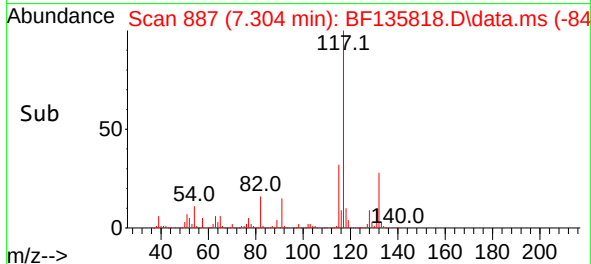
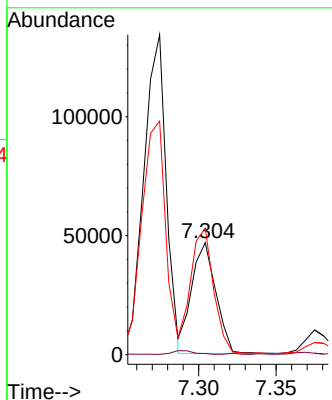
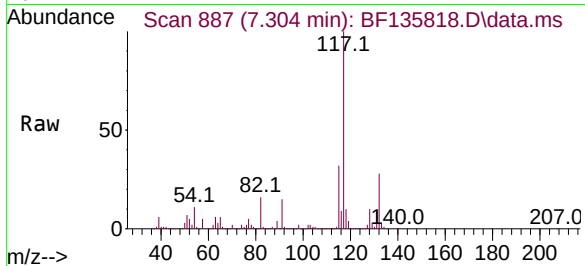




#24
Nitrobenzene
Concen: 9.247 ng
RT: 7.304 min Scan# 889
Delta R.T. -0.029 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

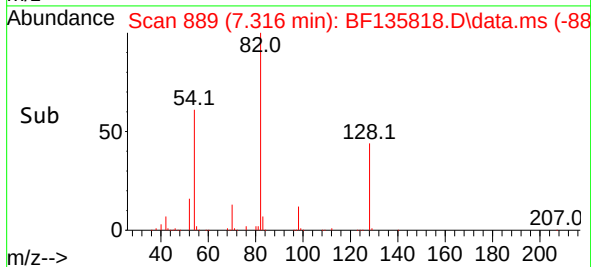
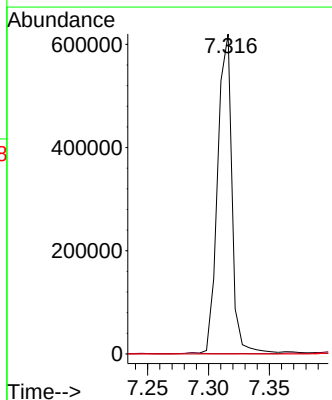
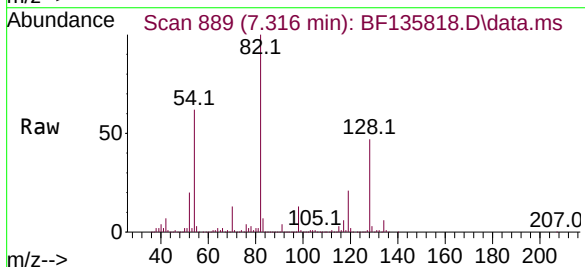
Instrument :
BNA_F
ClientSampleId :
MW-5B

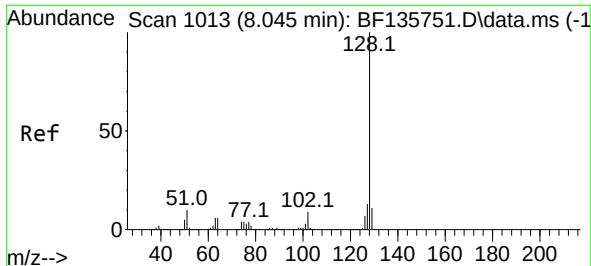
Tgt Ion: 77 Resp: 50821
Ion Ratio Lower Upper
77 100
123 1.0 37.3 55.9#
65 112.9 12.6 18.8#



#25
Isophorone
Concen: 49.109 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.253 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion: 82 Resp: 507363
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.9 20.9#

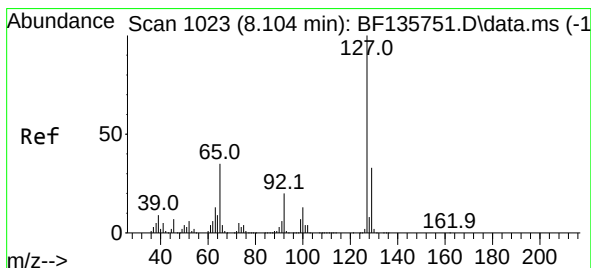
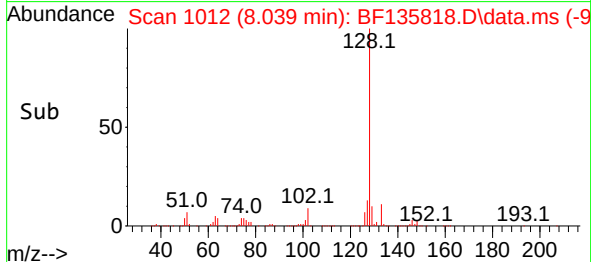
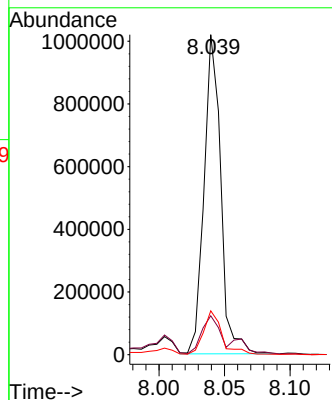
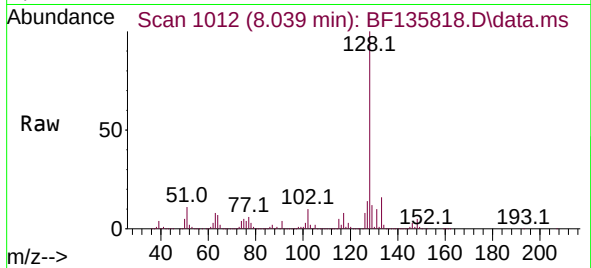




#31
Naphthalene
Concen: 61.618 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

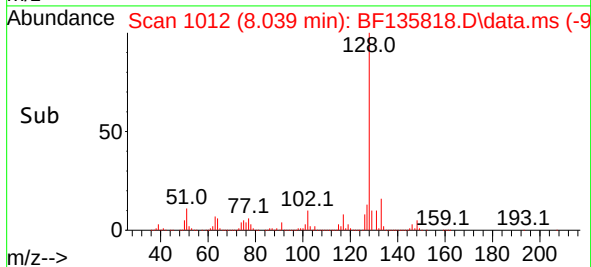
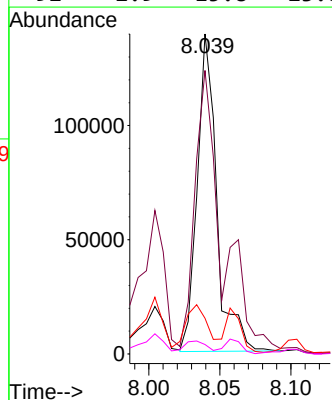
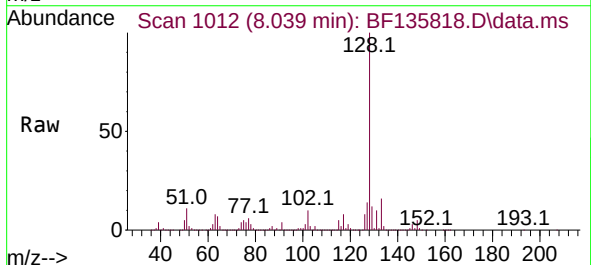
Instrument :
BNA_F
ClientSampleId :
MW-5B

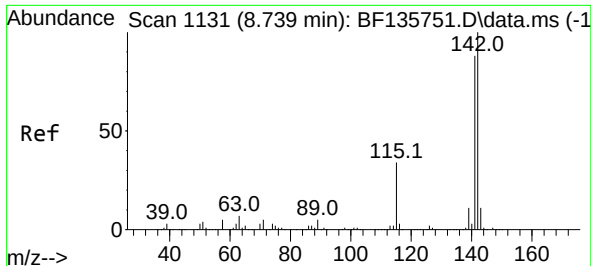
Tgt Ion:128 Resp: 905219
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 13.7 10.2 15.4



#33
4-Chloroaniline
Concen: 20.809 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.065 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:127 Resp: 133543
Ion Ratio Lower Upper
127 100
129 88.6 26.5 39.7#
65 11.1 27.9 41.9#
92 2.9 15.8 23.8#

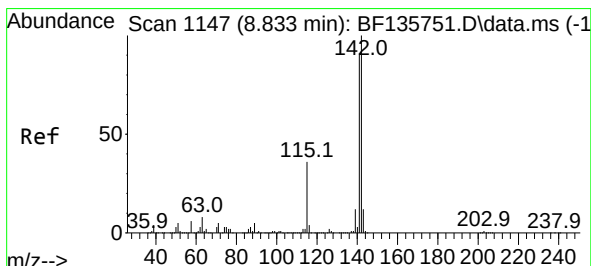
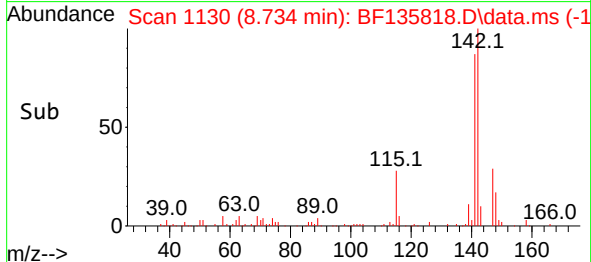
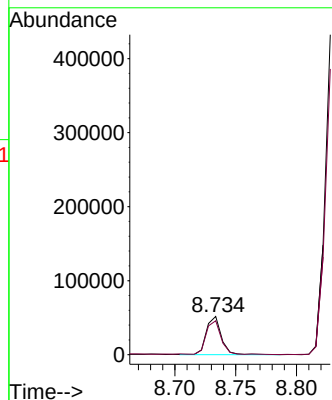
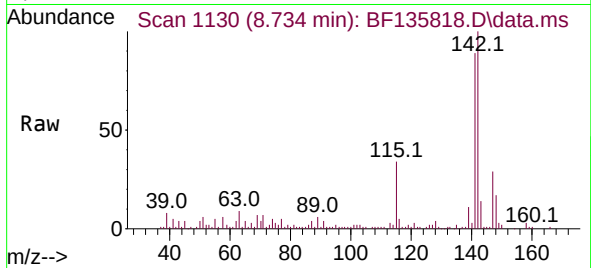




#37
2-Methylnaphthalene
Concen: 4.546 ng
RT: 8.734 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

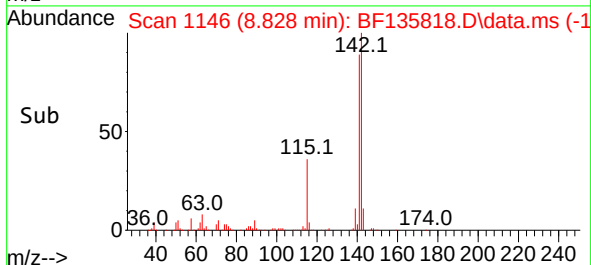
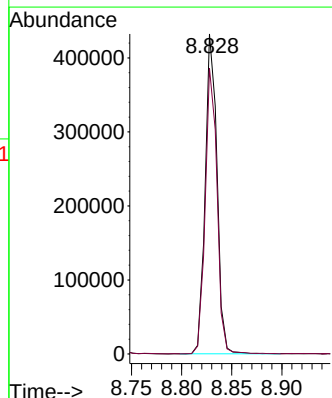
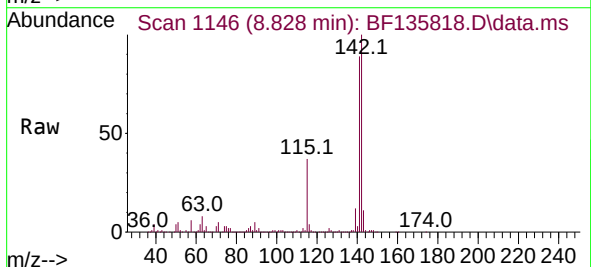
Instrument :
BNA_F
ClientSampleId :
MW-5B

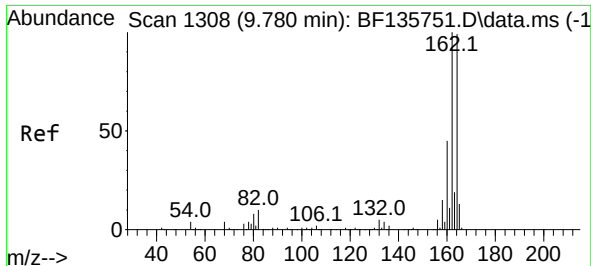
Tgt Ion:142 Resp: 44006
Ion Ratio Lower Upper
142 100
141 88.9 70.6 105.8



#38
1-Methylnaphthalene
Concen: 39.805 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:142 Resp: 355354
Ion Ratio Lower Upper
142 100
141 89.3 72.7 109.1

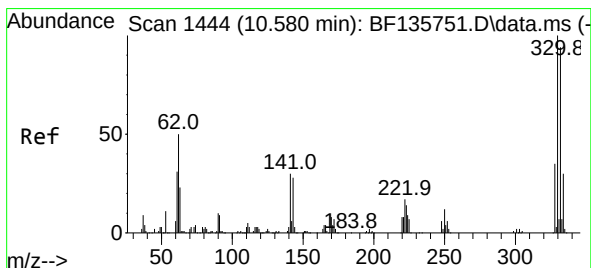
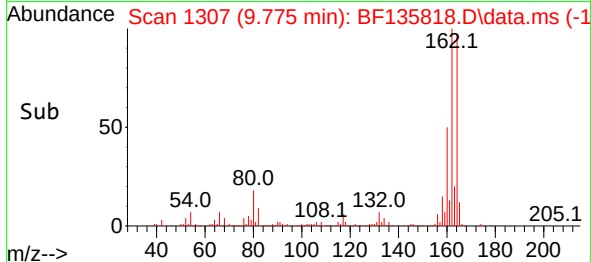
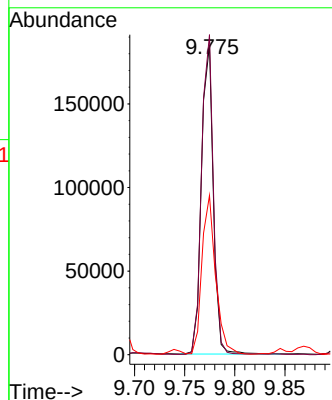
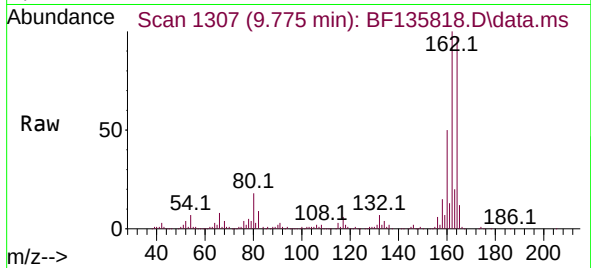




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

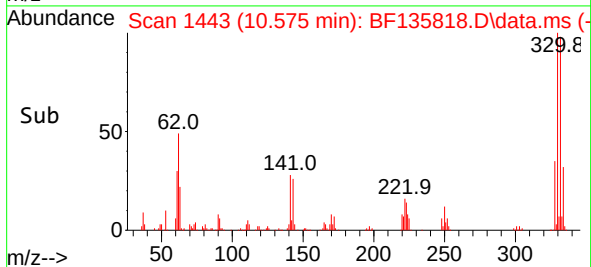
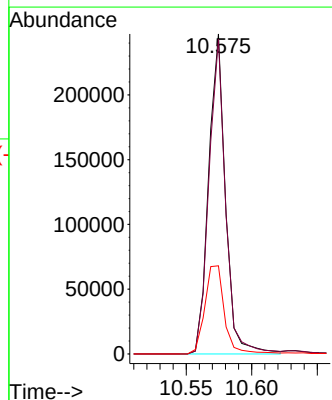
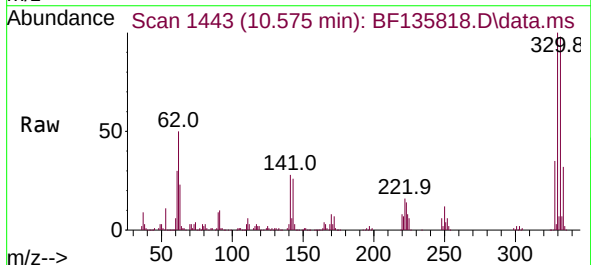
Instrument :
BNA_F
ClientSampleId :
MW-5B

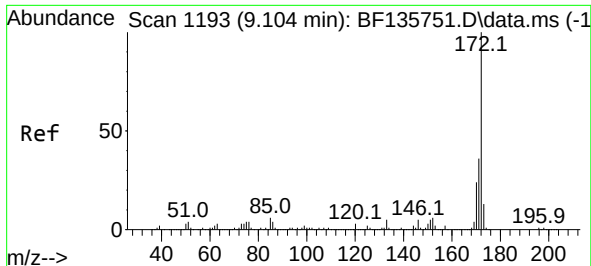
Tgt Ion:164 Resp: 152339
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 51.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 150.883 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:330 Resp: 220563
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.4
141 32.8 25.8 38.6

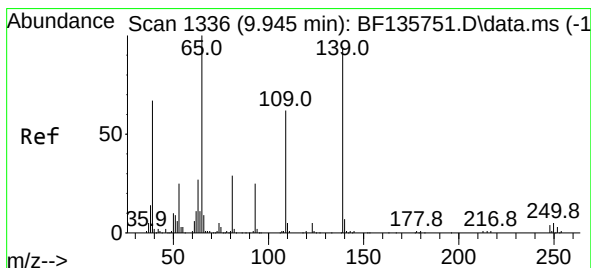
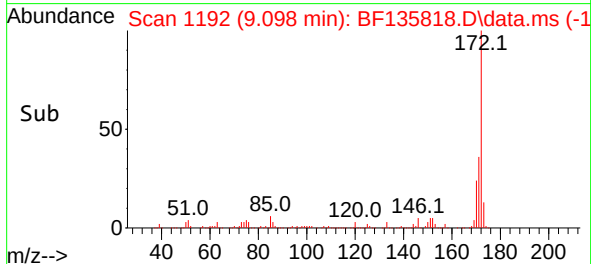
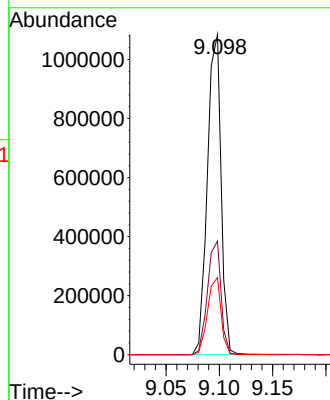
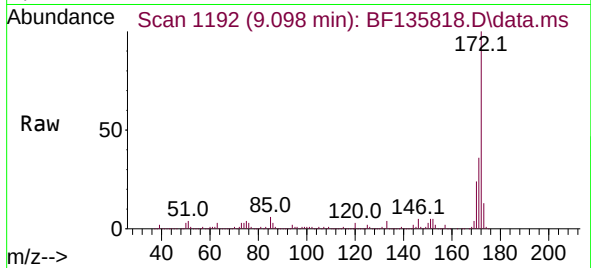




#45
2-Fluorobiphenyl
Concen: 100.216 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

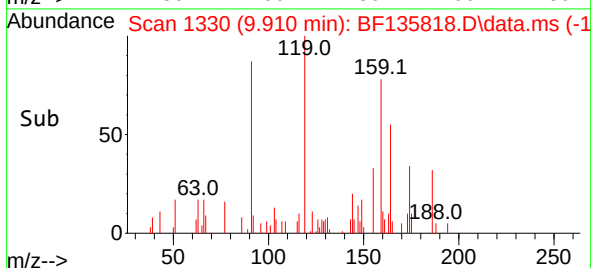
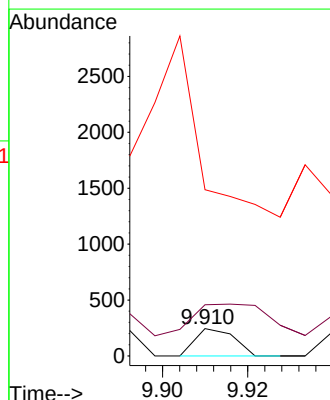
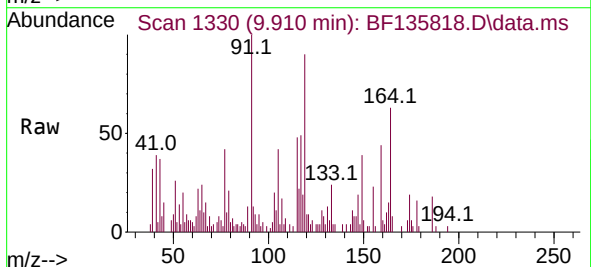
Instrument :
BNA_F
ClientSampleId :
MW-5B

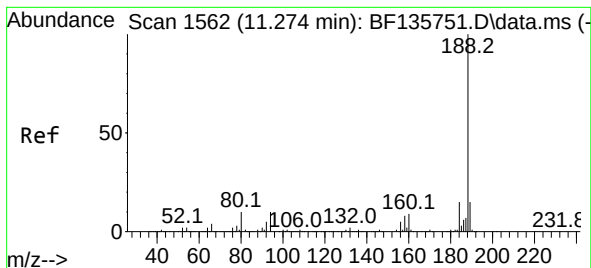
Tgt Ion:172 Resp: 976443
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.1 18.8 28.2



#56
4-Nitrophenol
Concen: 5.609 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BF135818.D
Acq: 17 Oct 2023 18:26

Tgt Ion:139 Resp: 156
Ion Ratio Lower Upper
139 100
109 186.9 45.6 85.6#
65 606.9 87.5 127.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135818.D

Acq: 17 Oct 2023 18:26

Instrument :

BNA_F

ClientSampleId :

MW-5B

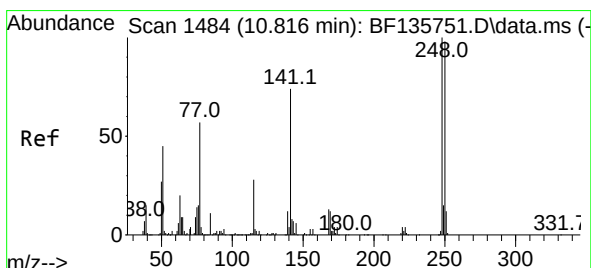
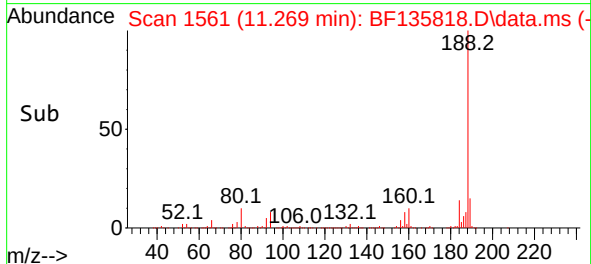
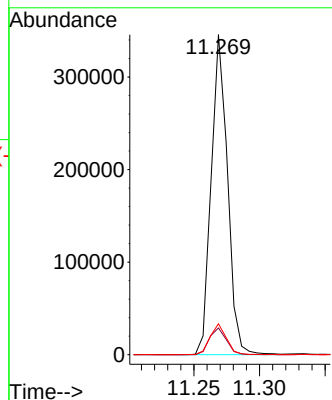
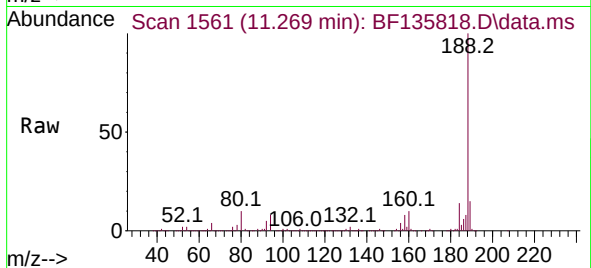
Tgt Ion:188 Resp: 299651

Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

80 9.7 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.837 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135818.D

Acq: 17 Oct 2023 18:26

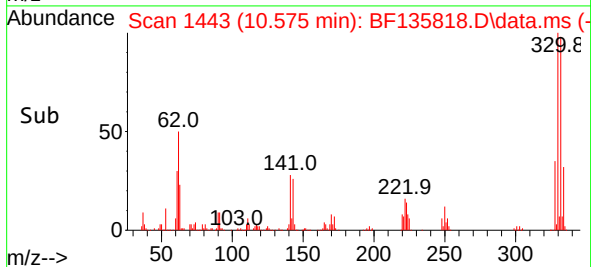
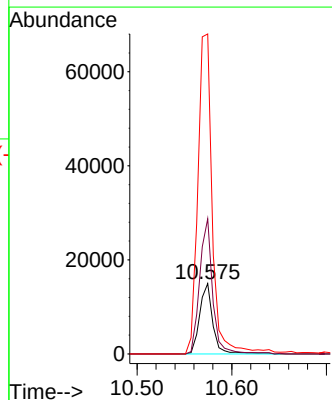
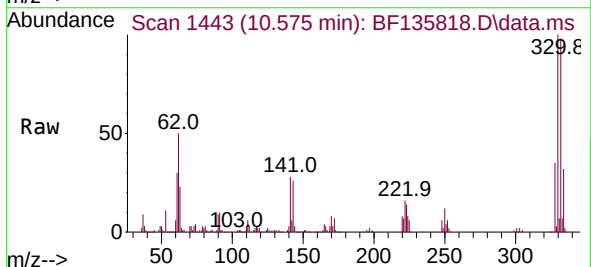
Tgt Ion:248 Resp: 14550

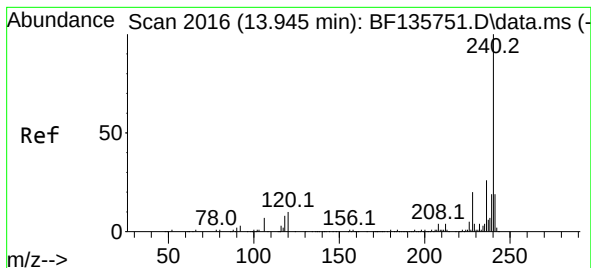
Ion Ratio Lower Upper

248 100

250 192.0 78.0 117.0#

141 454.5 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.018 min

Lab File: BF135818.D

Acq: 17 Oct 2023 18:26

Instrument :

BNA_F

ClientSampleId :

MW-5B

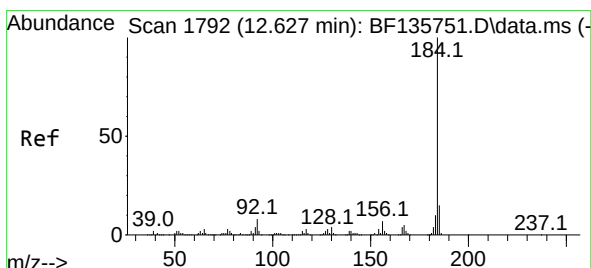
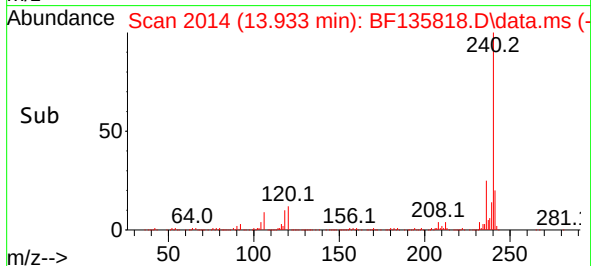
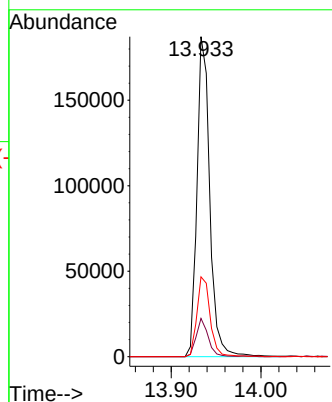
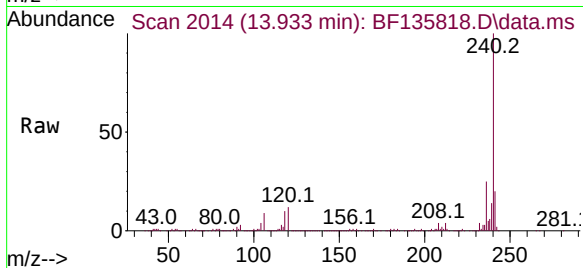
Tgt Ion:240 Resp: 185434

Ion Ratio Lower Upper

240 100

120 12.0 8.2 12.2

236 24.9 21.2 31.8



#77

Benzdine

Concen: 3.068 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135818.D

Acq: 17 Oct 2023 18:26

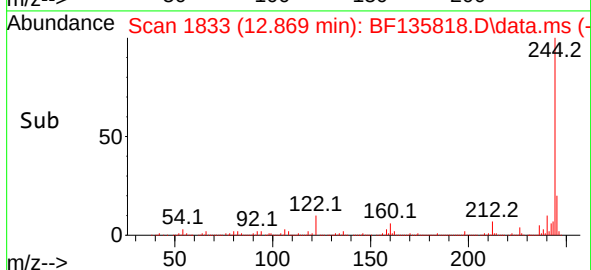
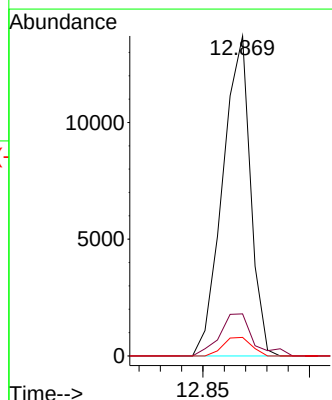
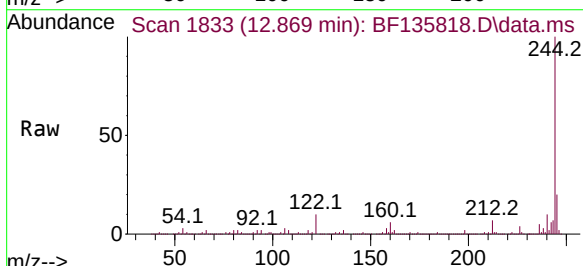
Tgt Ion:184 Resp: 12413

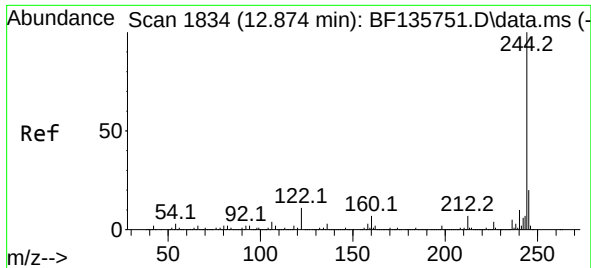
Ion Ratio Lower Upper

184 100

185 13.2 12.0 18.0

183 5.8 8.2 12.2#

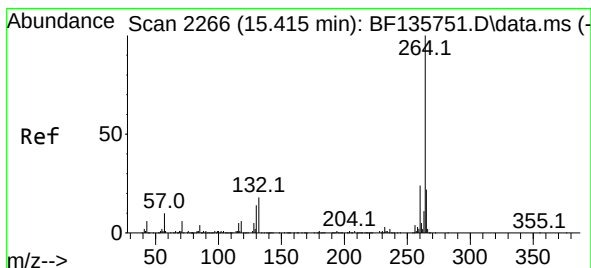
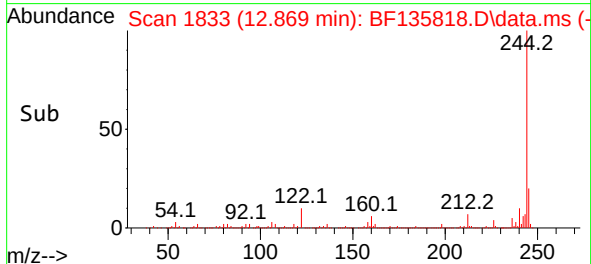
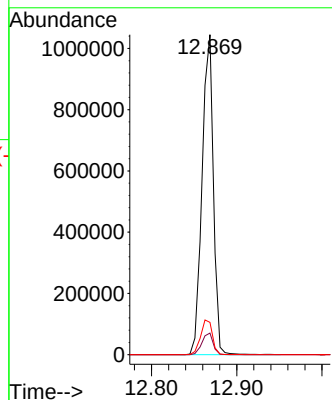
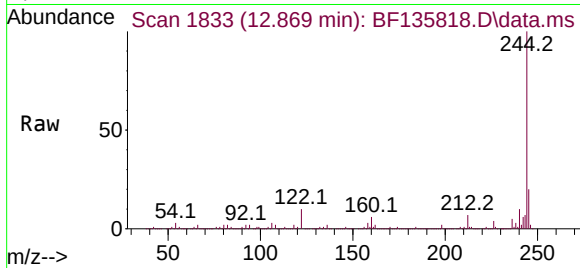




#79
 Terphenyl-d14
 Concen: 96.167 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135818.D
 Acq: 17 Oct 2023 18:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-5B

Tgt Ion:244 Resp: 962931
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135818.D
 Acq: 17 Oct 2023 18:26

Tgt Ion:264 Resp: 164605
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.4 26.2

