

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135237.D
 Acq On : 13 Sep 2023 23:03
 Operator : CG\JU
 Sample : 04256-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Sep 14 02:25:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

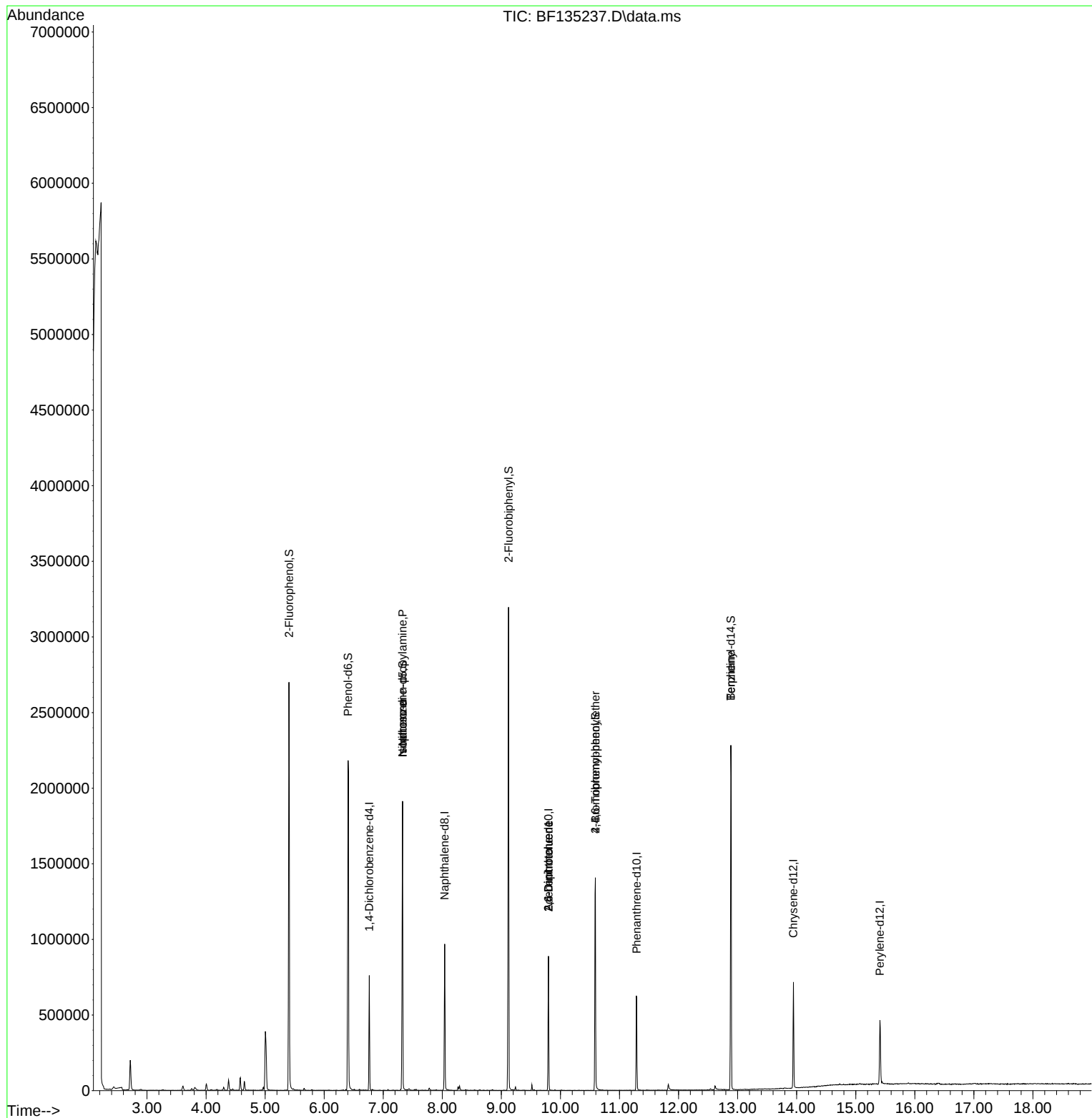
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	98315	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	381274	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	158466	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	245281	20.000	ng	0.00
76) Chrysene-d12	13.945	240	218971	20.000	ng	0.00
86) Perylene-d12	15.410	264	200111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	710148	117.481	ng	0.02
7) Phenol-d6	6.404	99	790274	102.816	ng	0.00
23) Nitrobenzene-d5	7.328	82	553793	78.912	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	166260	105.577	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	965498	91.923	ng	0.00
79) Terphenyl-d14	12.886	244	857974	60.740	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	73697	15.480	ng	# 77
25) Isophorone	7.328	82	553788	42.974	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	20634	8.791	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	20634	7.022	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	11252	4.612	ng	# 1
77) Benzydine	12.886	184	10474	2.335	ng	# 93

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

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Quant Time: Sep 14 02:25:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

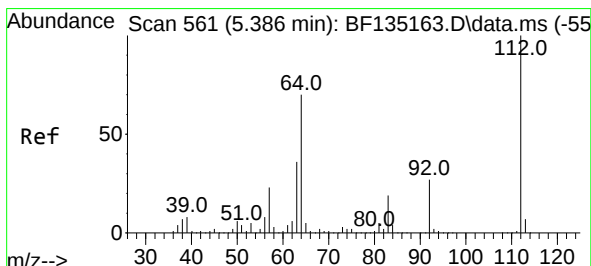
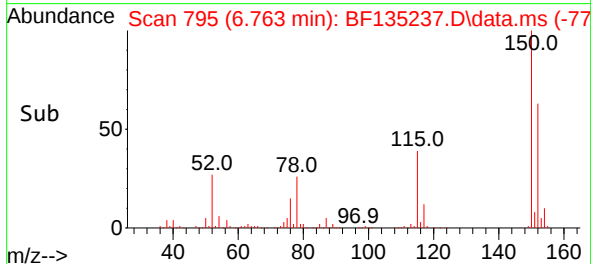
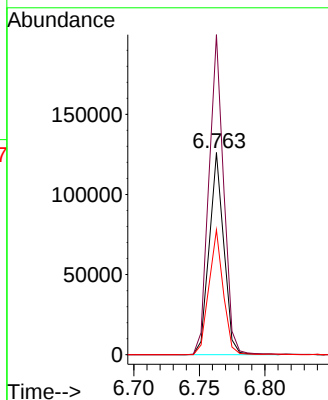
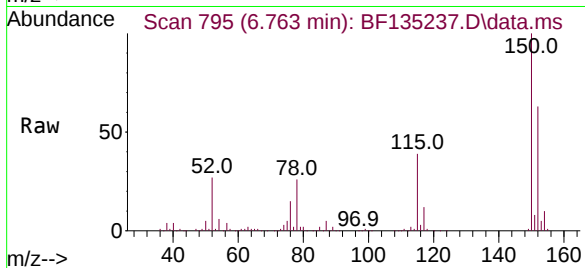




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

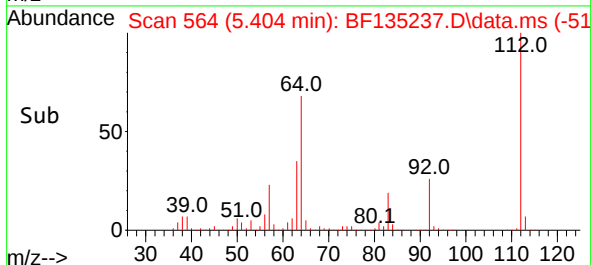
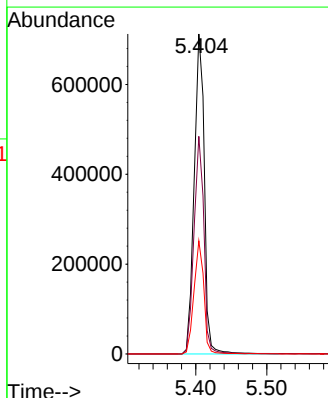
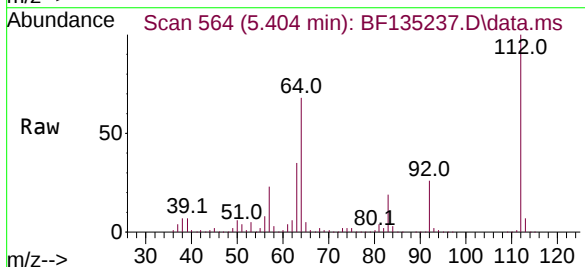
Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 98315
Ion Ratio Lower Upper
152 100
150 158.4 127.8 191.6
115 61.8 49.8 74.8



#5
2-Fluorophenol
Concen: 117.481 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Tgt Ion:112 Resp: 710148
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 35.4 29.0 43.6

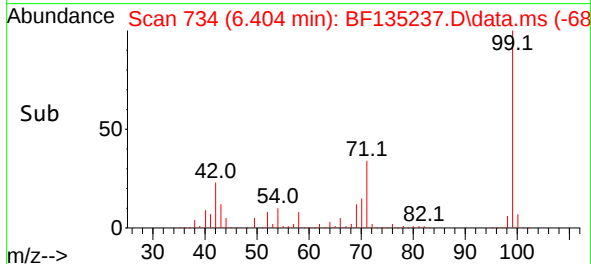
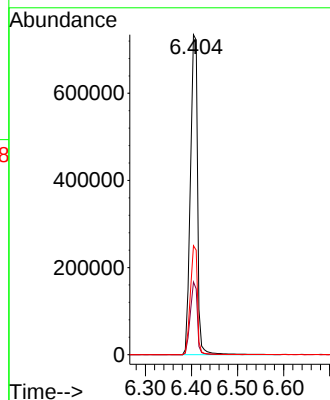
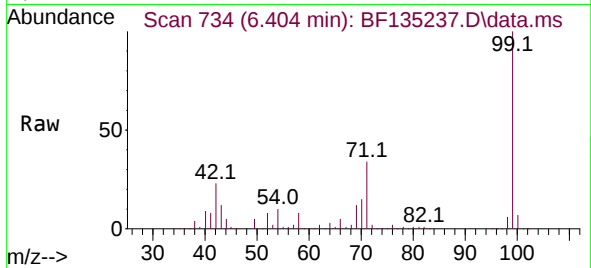




#7
Phenol-d6
Concen: 102.816 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

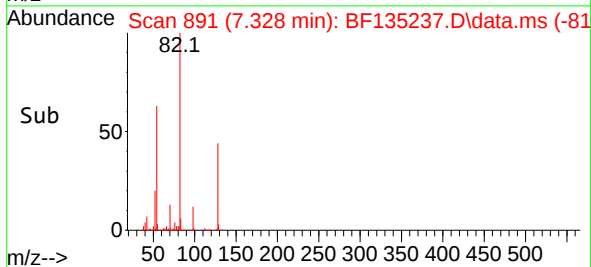
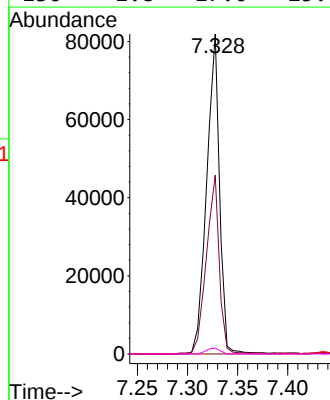
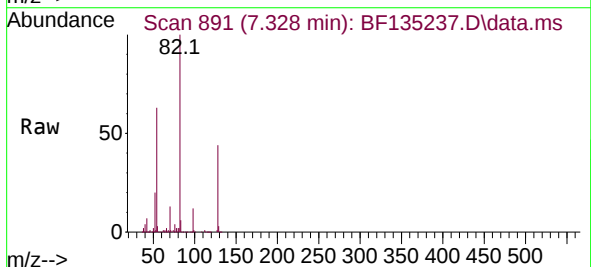
Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 790274
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.480 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Tgt Ion: 70 Resp: 73697
Ion Ratio Lower Upper
70 100
42 55.8 55.4 83.0
101 0.0 7.7 11.5#
130 1.8 17.0 25.6#

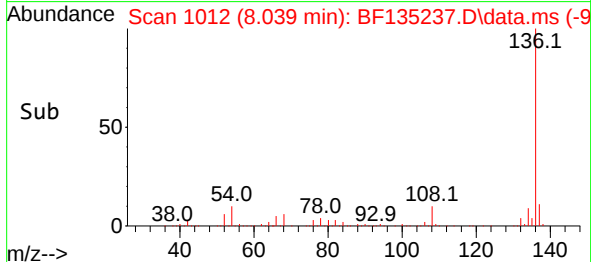
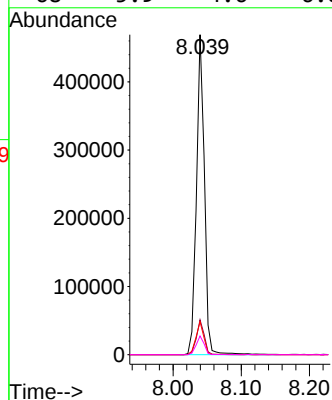
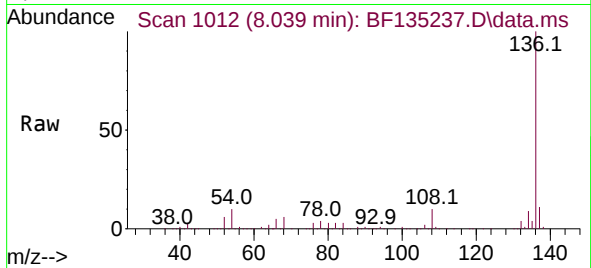




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

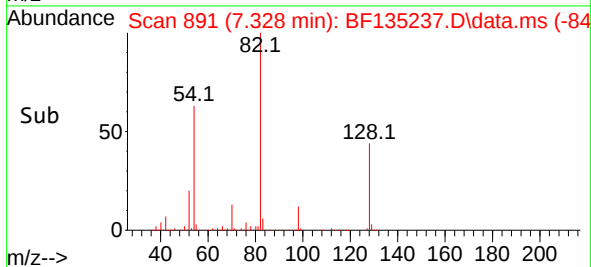
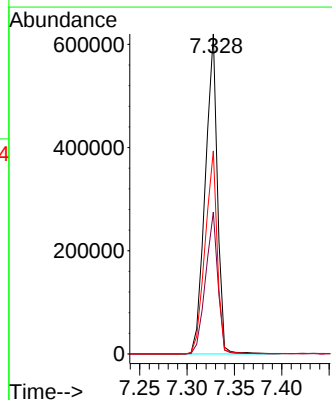
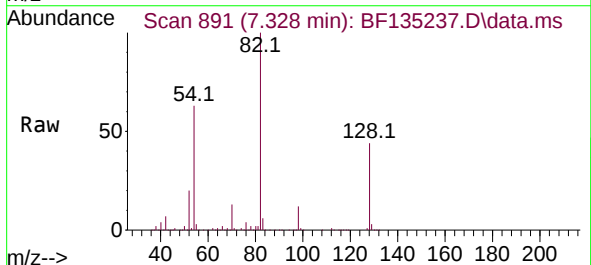
Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:136	Resp: 381274
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 10.3	7.7 11.5
68 5.9	4.6 6.8



#23
Nitrobenzene-d5
Concen: 78.912 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Tgt Ion: 82	Resp: 553793
Ion Ratio	Lower Upper
82 100	
128 44.3	35.8 53.6
54 63.4	50.6 76.0

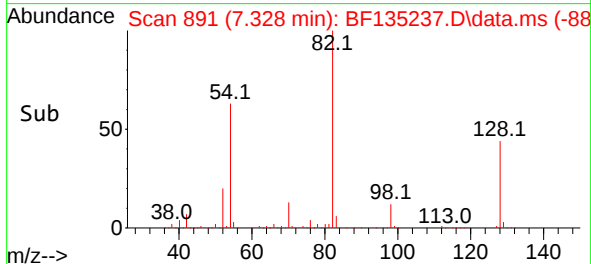
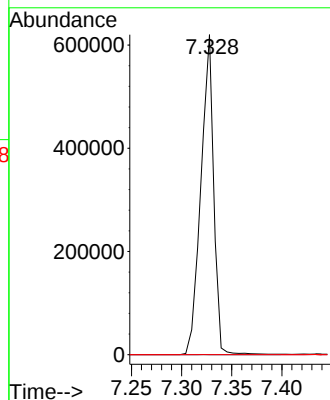
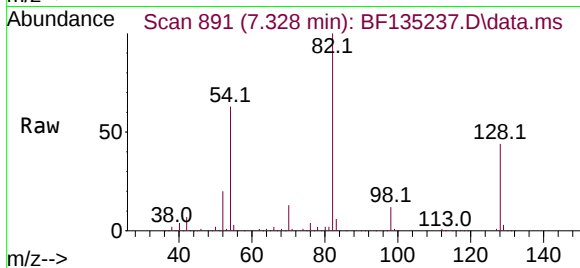




#25
Isophorone
Concen: 42.974 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

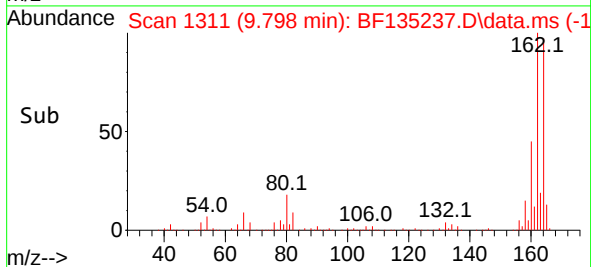
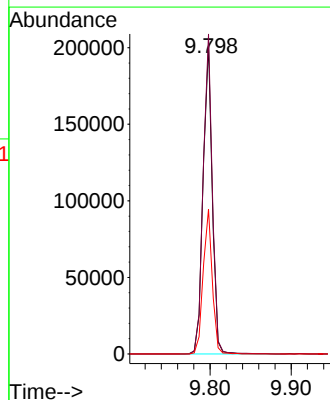
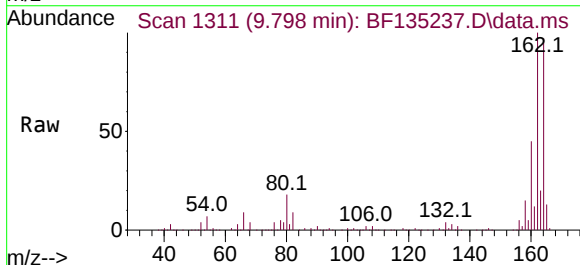
Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 553788
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

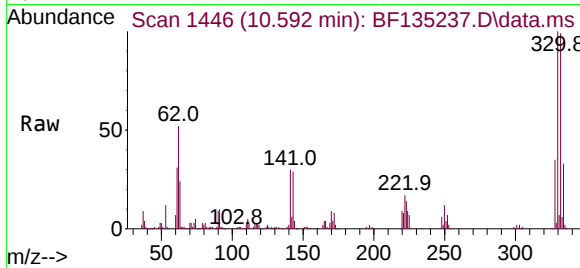
Tgt Ion:164 Resp: 158466
Ion Ratio Lower Upper
164 100
162 103.6 81.0 121.4
160 46.9 37.0 55.4



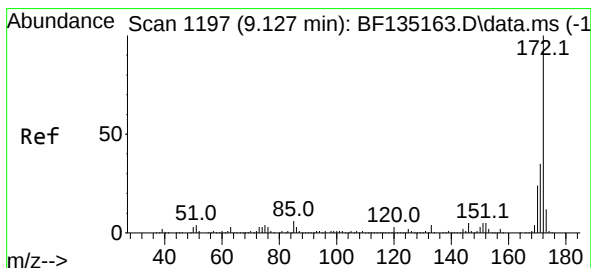
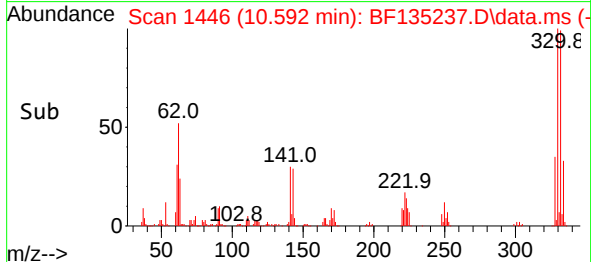
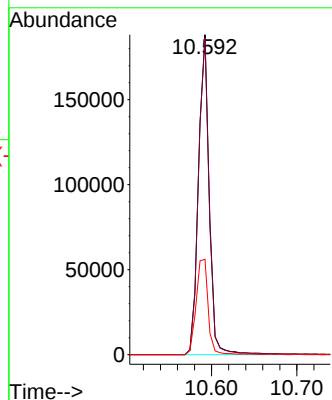


#42
2,4,6-Tribromophenol
Concen: 105.577 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Instrument :
BNA_F
ClientSampleId :
MW-2

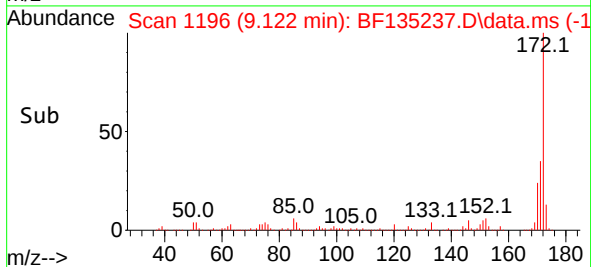
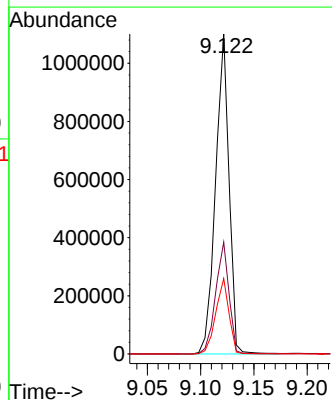
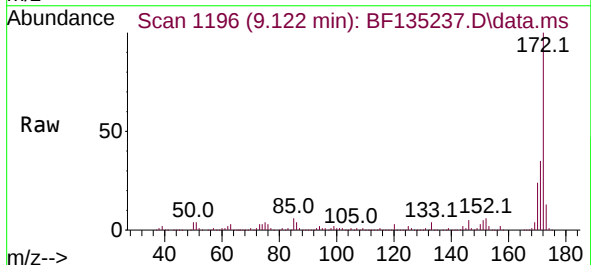


Tgt Ion: 330 Resp: 166260
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 33.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 91.923 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Tgt Ion: 172 Resp: 965498
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.6 19.0 28.4

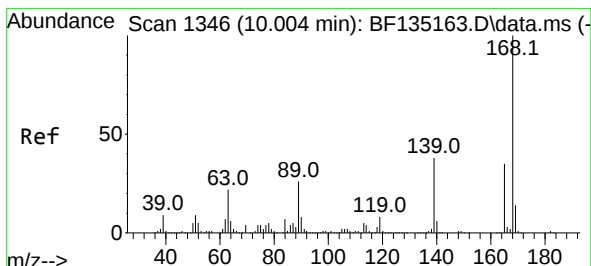
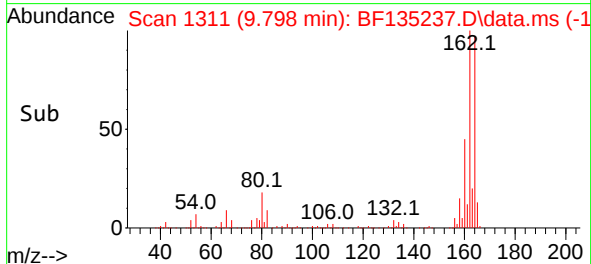
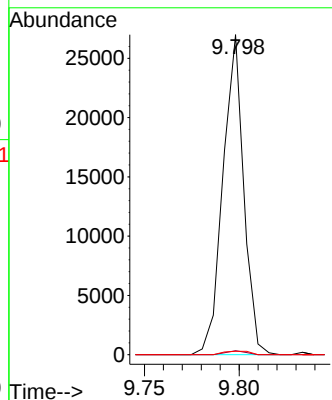
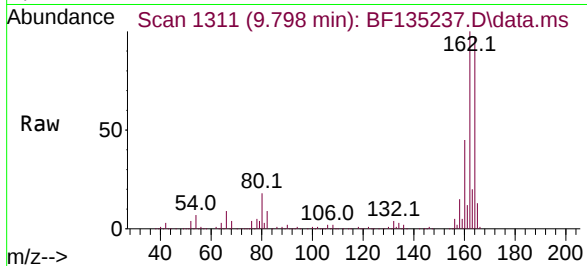




#51
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

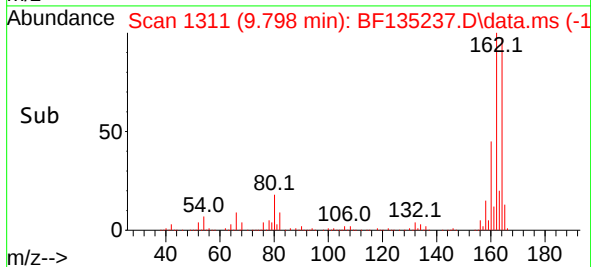
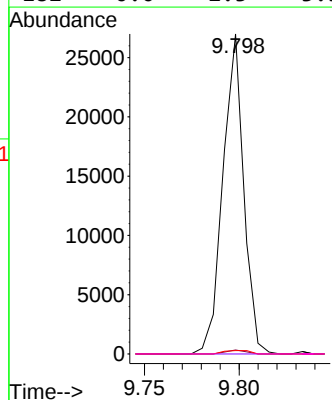
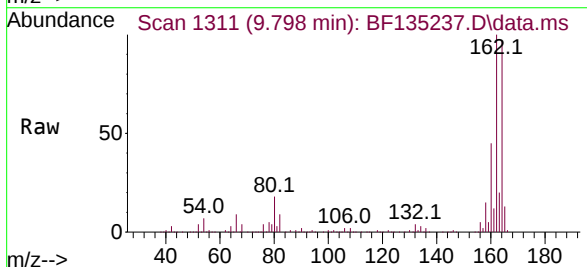
Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:165 Resp: 20634
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.1 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.022 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135237.D
Acq: 13 Sep 2023 23:03

Tgt Ion:165 Resp: 20634
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

Instrument :

BNA_F

ClientSampleId :

MW-2

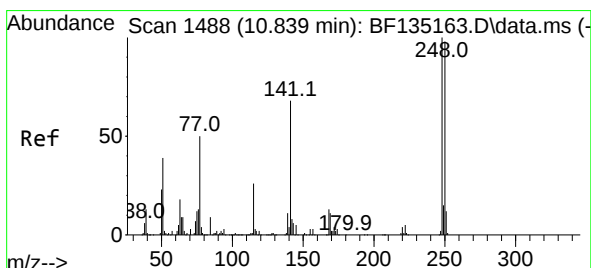
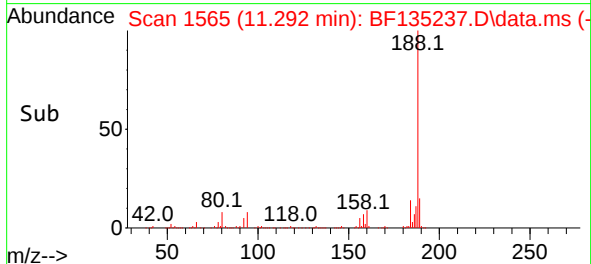
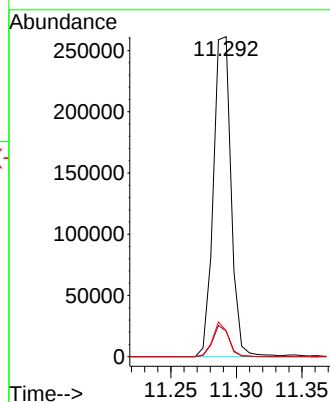
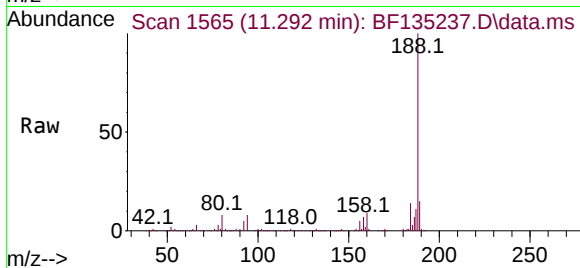
Tgt Ion:188 Resp: 245281

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 8.1 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.612 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

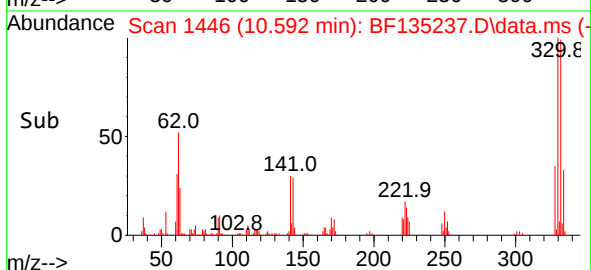
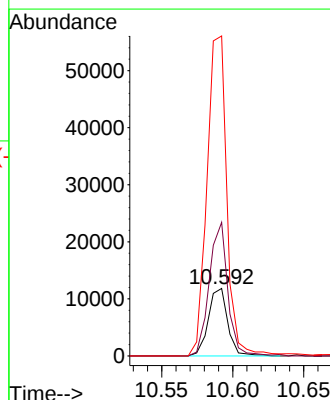
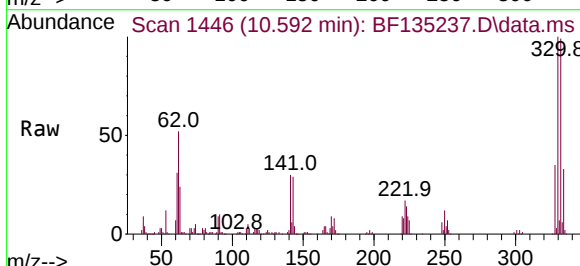
Tgt Ion:248 Resp: 11252

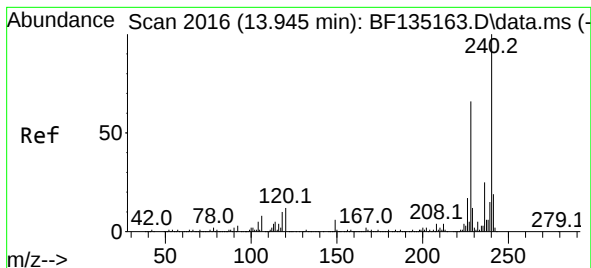
Ion Ratio Lower Upper

248 100

250 198.0 78.6 117.8#

141 474.1 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

Instrument :

BNA_F

ClientSampleId :

MW-2

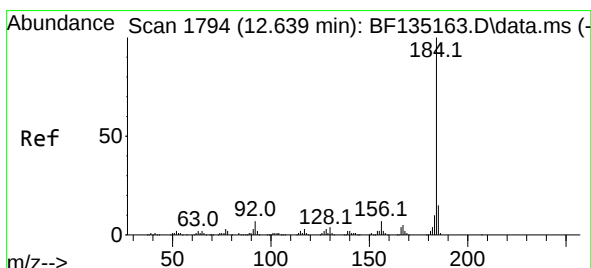
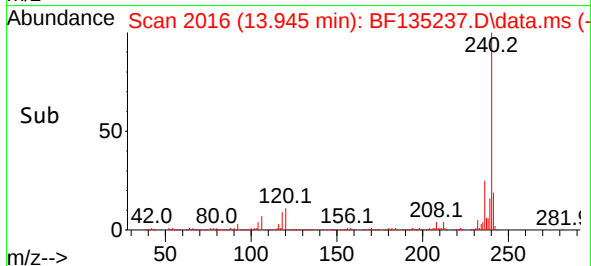
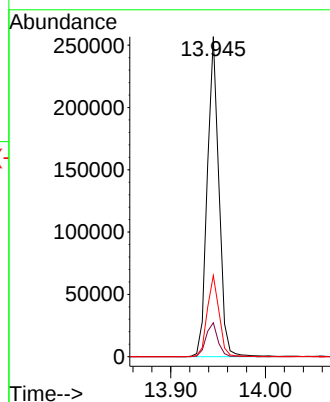
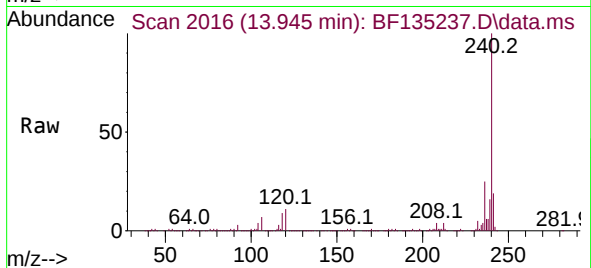
Tgt Ion:240 Resp: 218971

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 25.4 19.8 29.8



#77

Benzidine

Concen: 2.335 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

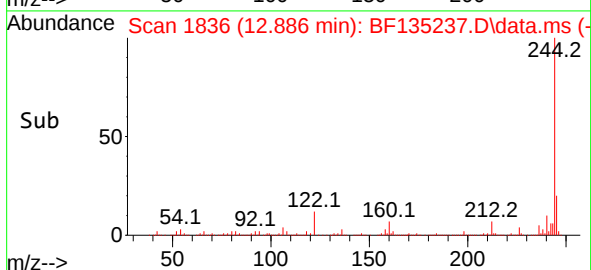
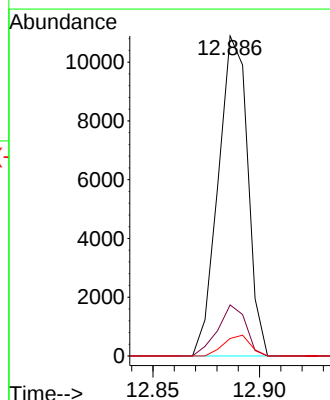
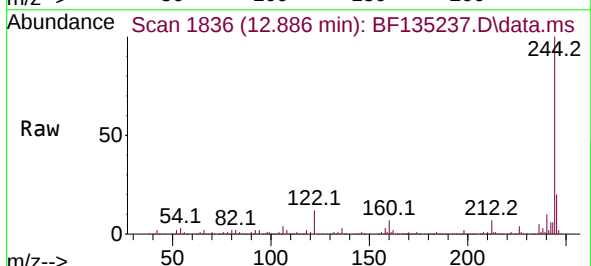
Tgt Ion:184 Resp: 10474

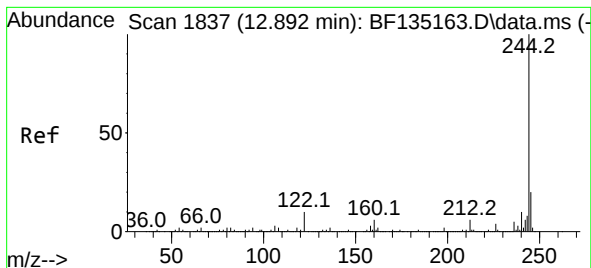
Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

183 5.5 8.2 12.4#





#79

Terphenyl-d14

Concen: 60.740 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

Instrument :

BNA_F

ClientSampleId :

MW-2

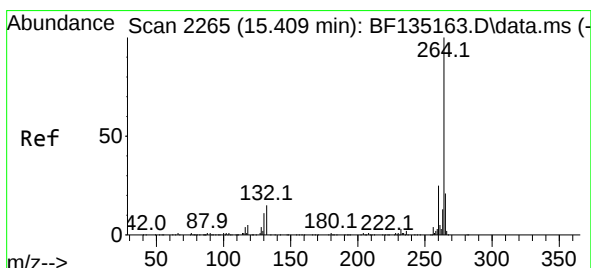
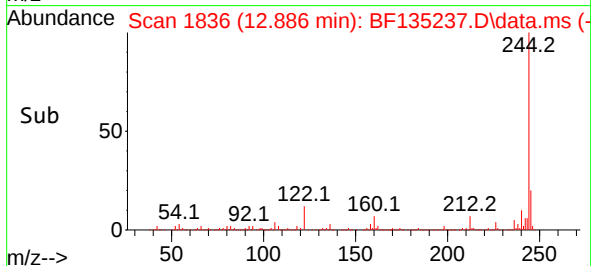
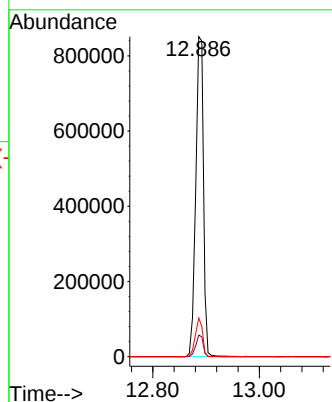
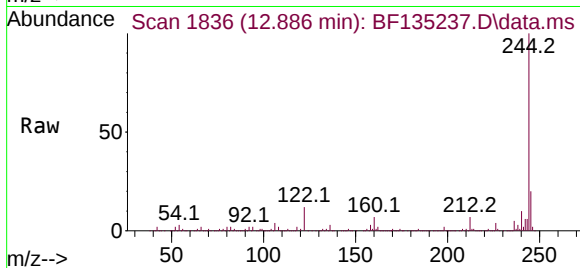
Tgt Ion:244 Resp: 857974

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 12.1 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135237.D

Acq: 13 Sep 2023 23:03

Tgt Ion:264 Resp: 200111

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.9 17.0 25.4

