

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135239.D
 Acq On : 14 Sep 2023 00:07
 Operator : CG\JU
 Sample : 04256-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6

Quant Time: Sep 14 02:25:44 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)

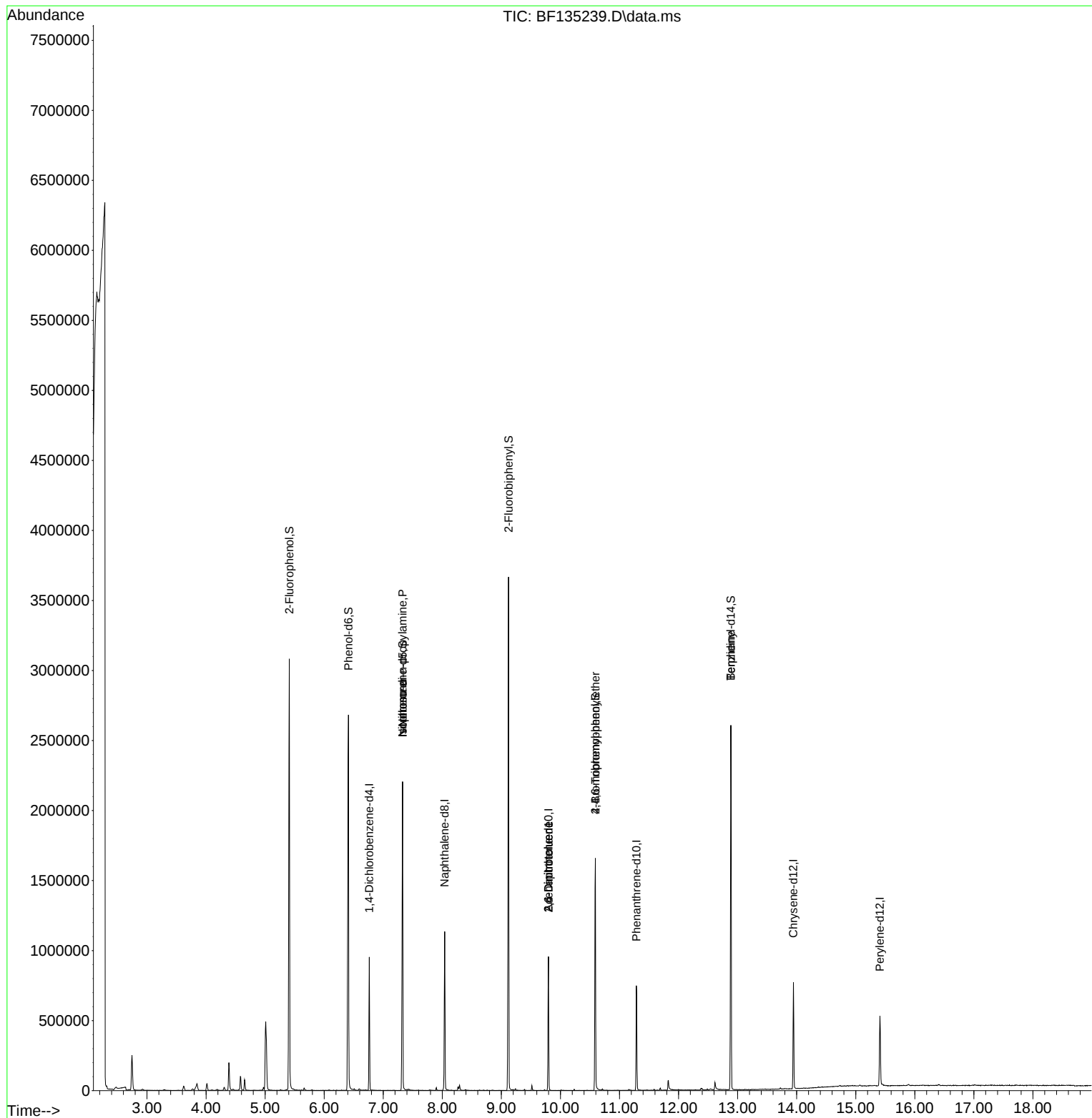
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	124853	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	450293	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	183519	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	287030	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	247666	20.000	ng	0.00
86) Perylene-d12	15.409	264	234977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	821376	107.000	ng	0.02
7) Phenol-d6	6.410	99	919376	94.188	ng	0.00
23) Nitrobenzene-d5	7.328	82	683104	82.419	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	199995	109.662	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1093978	89.937	ng	0.00
79) Terphenyl-d14	12.886	244	941060	58.903	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.328	70	92199	15.250	ng	# 80
25) Isophorone	7.328	82	683093	44.883	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	23438	8.623	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	23438	6.888	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	12479	4.371	ng	# 1
77) Benzidine	12.886	184	12170	2.399	ng	# 93

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

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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

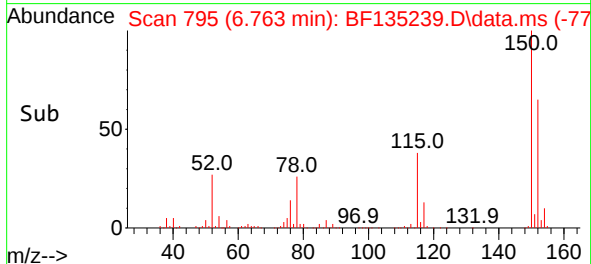
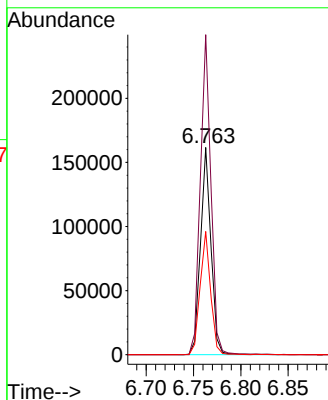
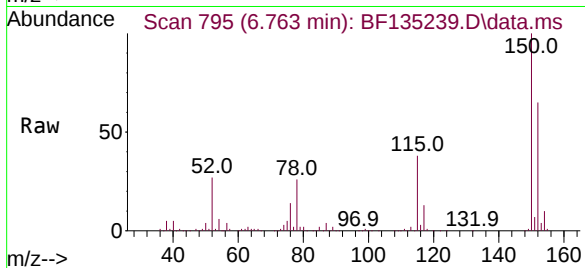




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

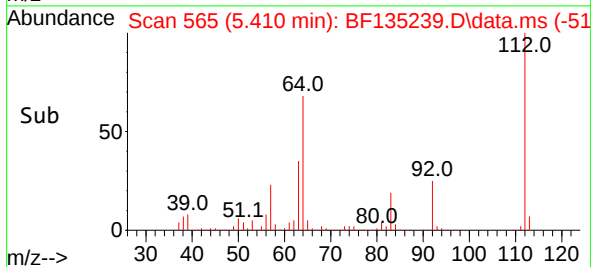
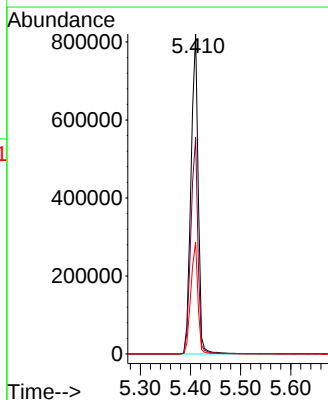
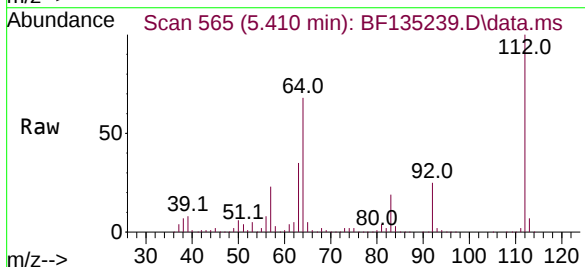
Instrument :
BNA_F
ClientSampleId :
MW-4-6

Tgt Ion:152 Resp: 124853
Ion Ratio Lower Upper
152 100
150 154.4 127.8 191.6
115 59.4 49.8 74.8



#5
2-Fluorophenol
Concen: 107.000 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

Tgt Ion:112 Resp: 821376
Ion Ratio Lower Upper
112 100
64 67.7 55.9 83.9
63 34.8 29.0 43.6

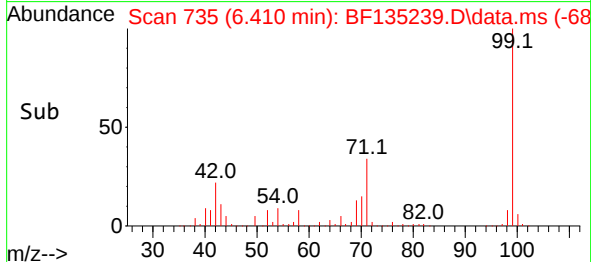
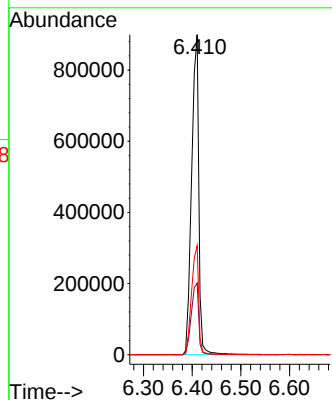
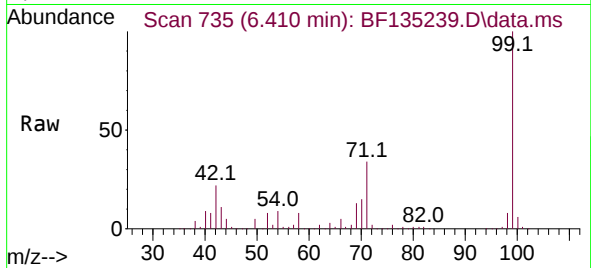




#7
Phenol-d6
Concen: 94.188 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

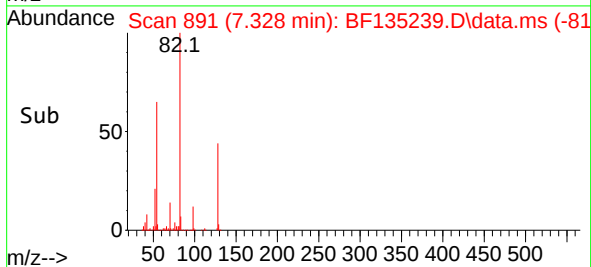
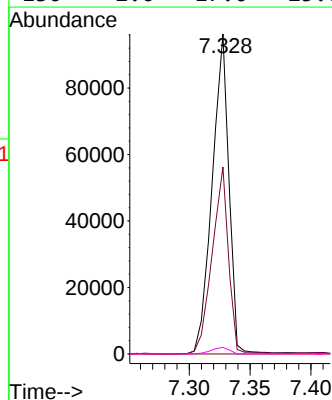
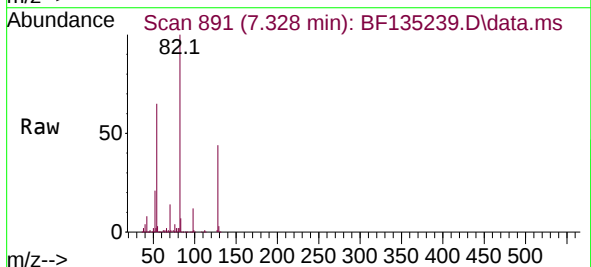
Instrument :
BNA_F
ClientSampleId :
MW-4-6

Tgt Ion: 99 Resp: 919376
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 34.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.250 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

Tgt Ion: 70 Resp: 92199
Ion Ratio Lower Upper
70 100
42 58.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

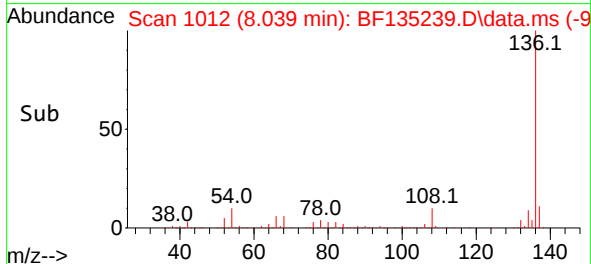
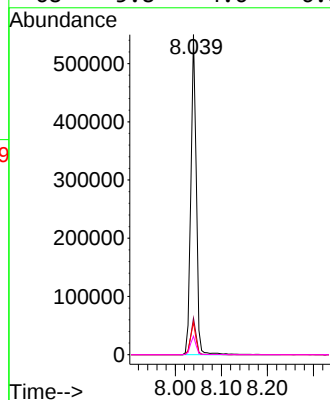
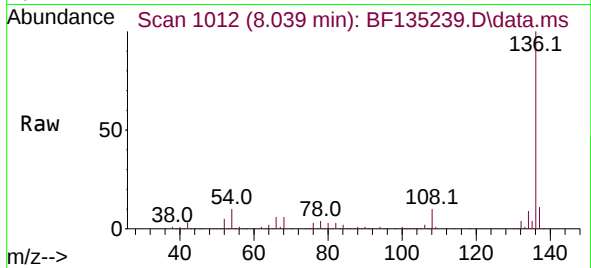




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

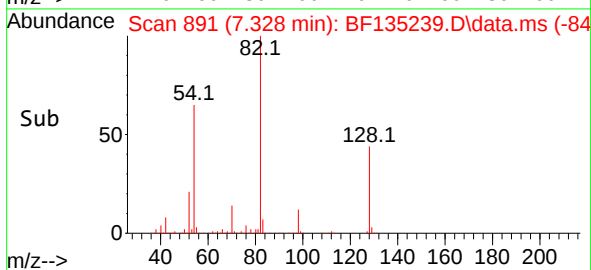
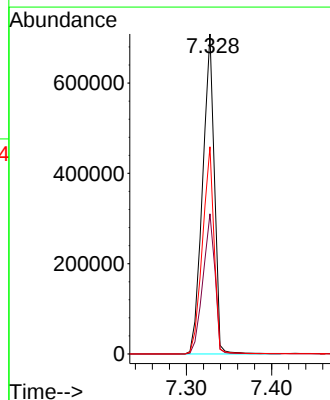
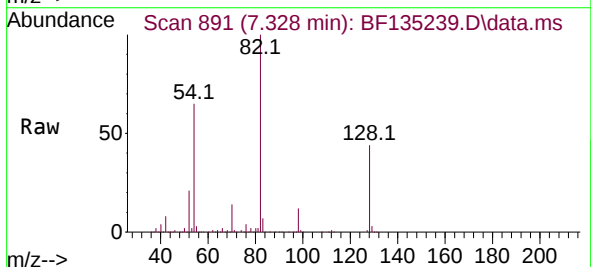
Instrument :
BNA_F
ClientSampleId :
MW-4-6

Tgt Ion:136 Resp: 450293
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.0 7.7 11.5
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 82.419 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

Tgt Ion: 82 Resp: 683104
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 64.8 50.6 76.0

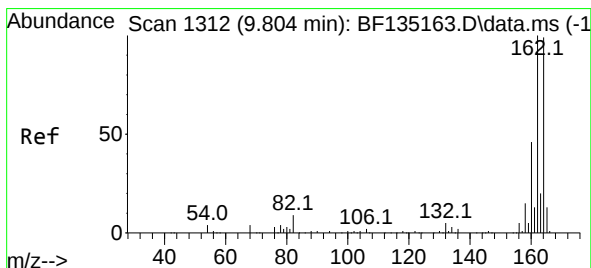
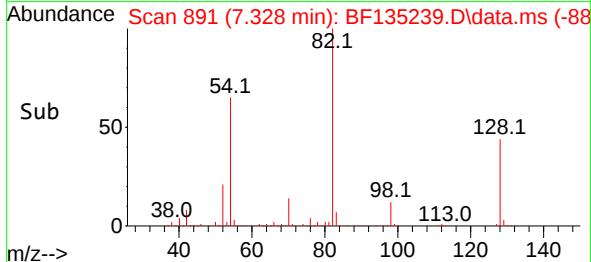
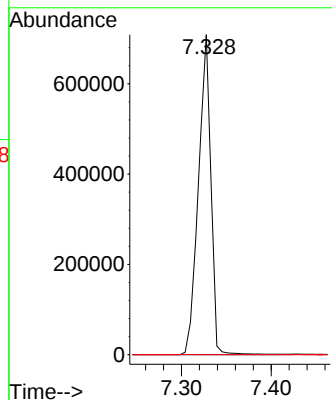
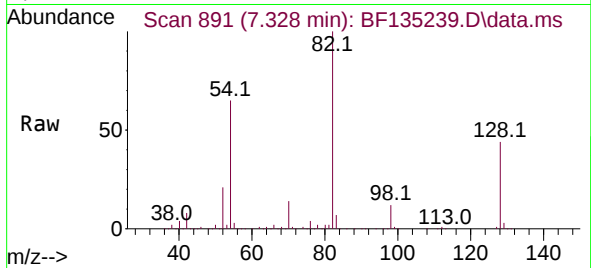




#25
Isophorone
Concen: 44.883 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135239.D
Acq: 14 Sep 2023 00:07

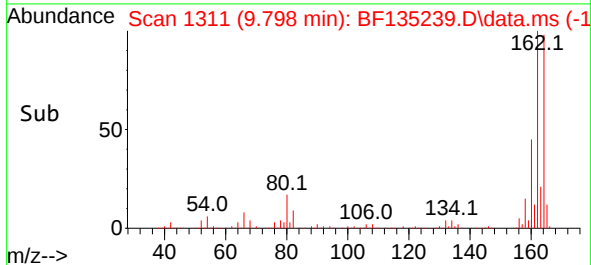
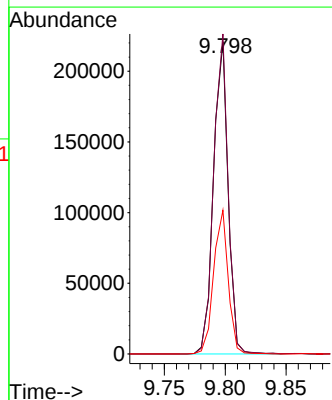
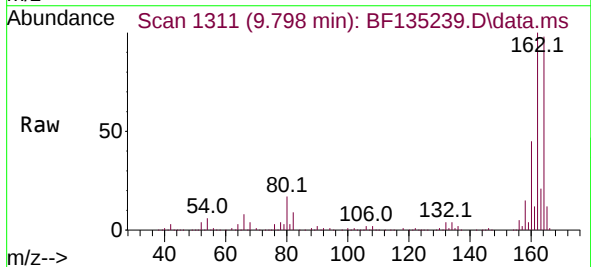
Instrument :
BNA_F
ClientSampleId :
MW-4-6

Tgt Ion: 82 Resp: 683093
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: BF135239.D
Acq: 14 Sep 2023 00:07

Tgt Ion: 164 Resp: 183519
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 109.662 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

Instrument :

BNA_F

ClientSampleId :

MW-4-6

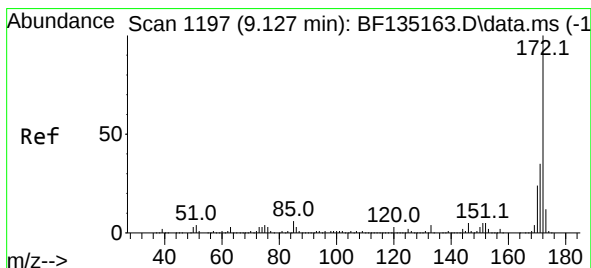
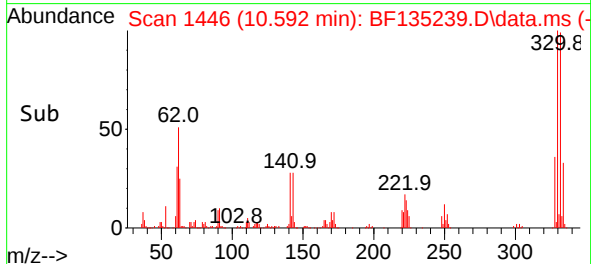
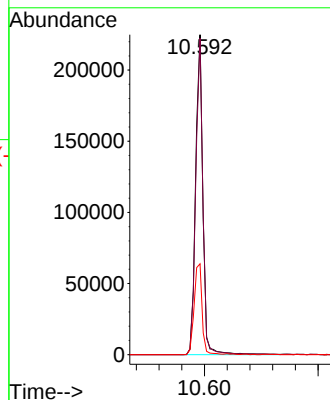
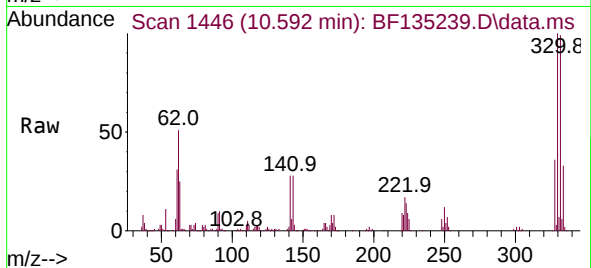
Tgt Ion:330 Resp: 199995

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 31.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 89.937 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

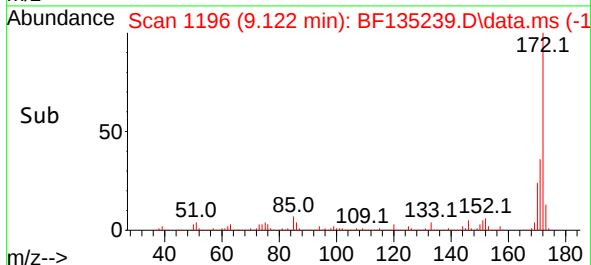
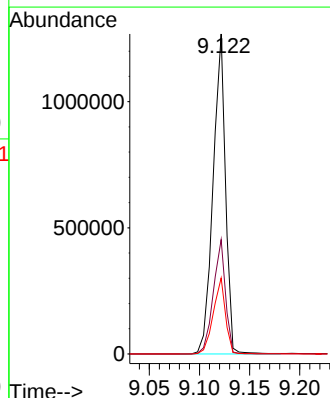
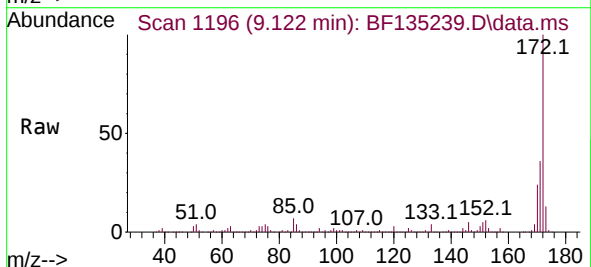
Tgt Ion:172 Resp: 1093978

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.623 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.206 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

Instrument :

BNA_F

ClientSampleId :

MW-4-6

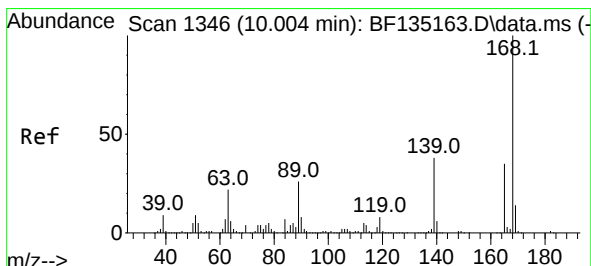
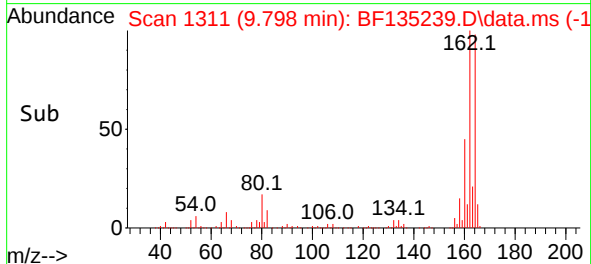
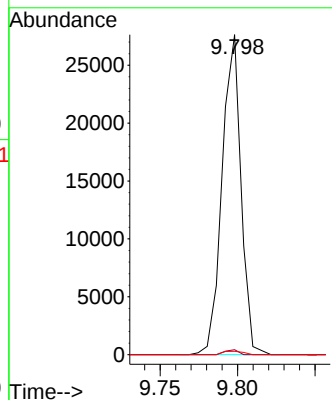
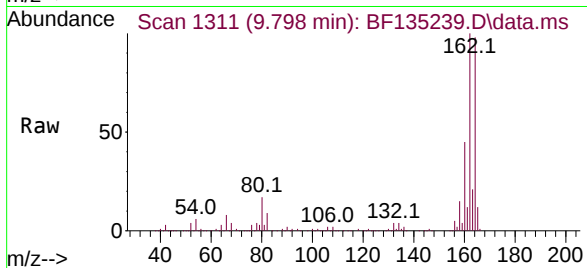
Tgt Ion:165 Resp: 23438

Ion Ratio Lower Upper

165 100

63 1.5 59.4 89.2#

89 1.1 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.888 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.206 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

Tgt Ion:165 Resp: 23438

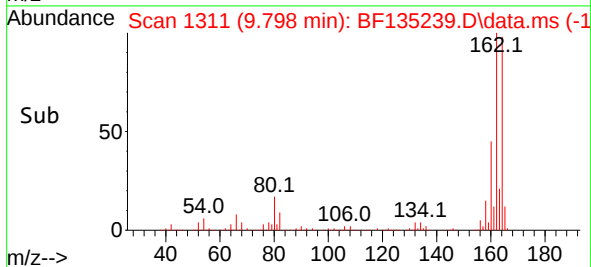
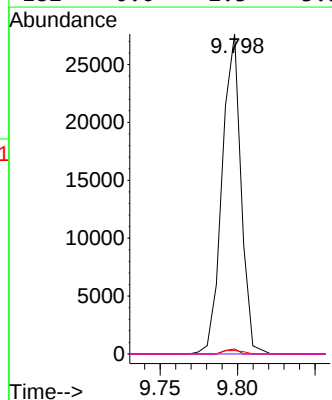
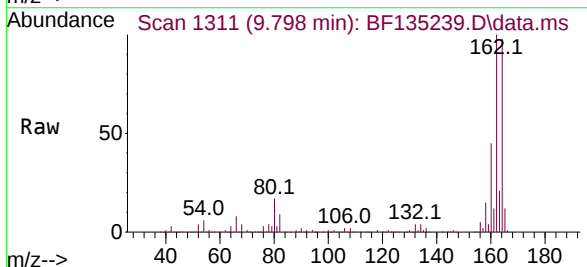
Ion Ratio Lower Upper

165 100

63 1.5 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: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

Instrument :

BNA_F

ClientSampleId :

MW-4-6

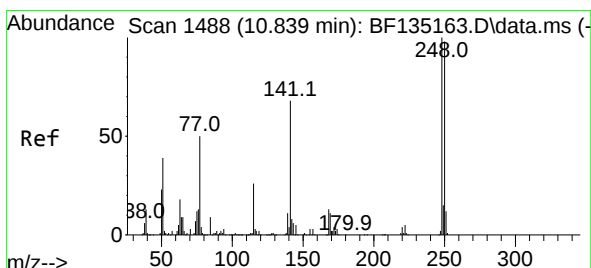
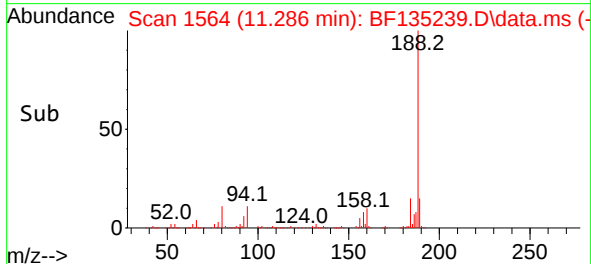
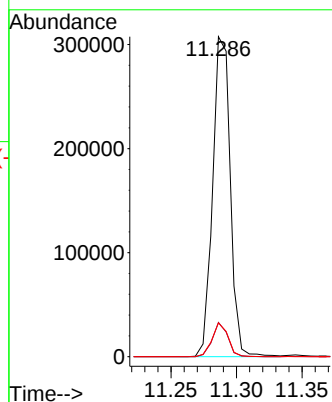
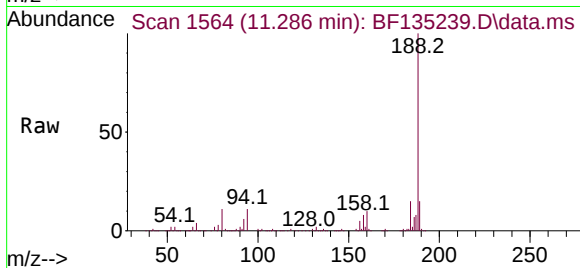
Tgt Ion:188 Resp: 287030

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.6 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.371 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

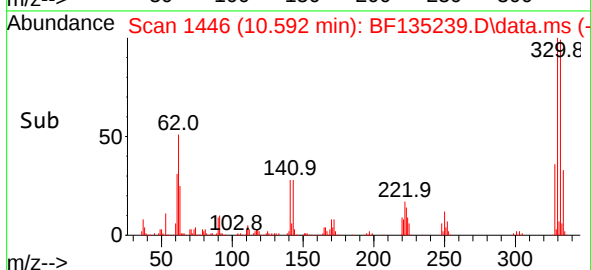
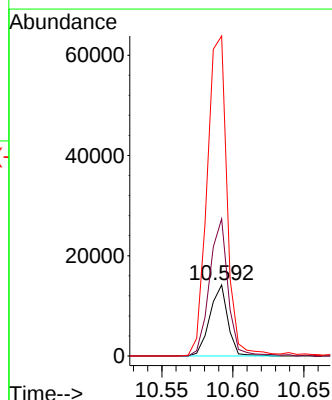
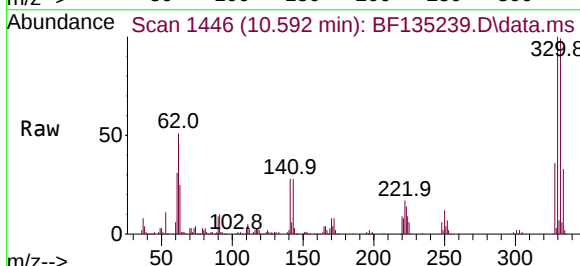
Tgt Ion:248 Resp: 12479

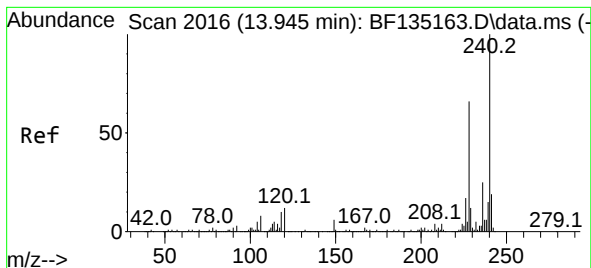
Ion Ratio Lower Upper

248 100

250 192.9 78.6 117.8#

141 450.4 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: BF135239.D

Acq: 14 Sep 2023 00:07

Instrument :

BNA_F

ClientSampleId :

MW-4-6

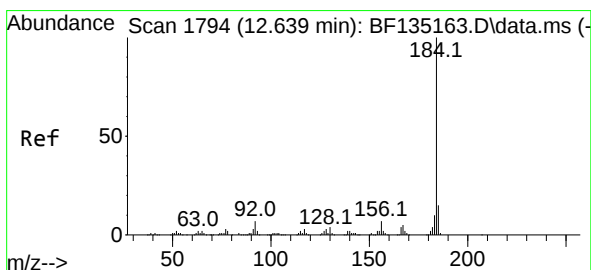
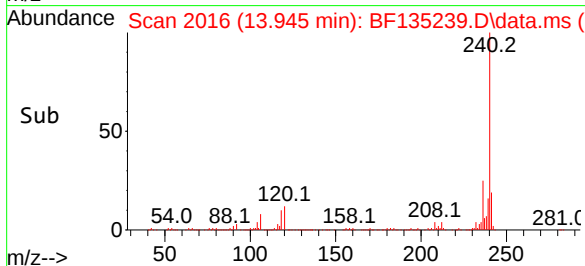
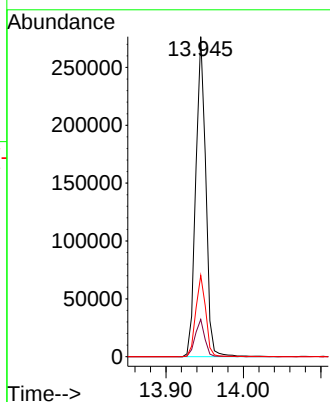
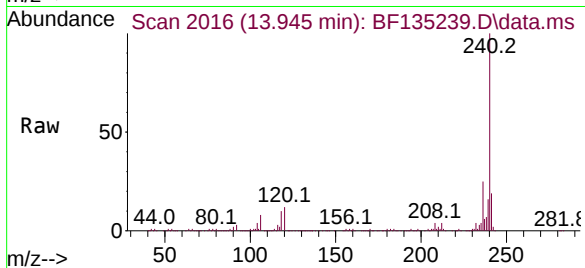
Tgt Ion:240 Resp: 247666

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.4 19.8 29.8



#77

Benzidine

Concen: 2.399 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135239.D

Acq: 14 Sep 2023 00:07

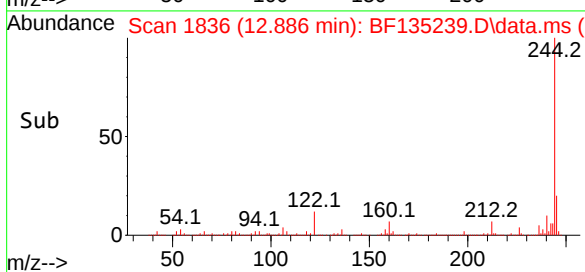
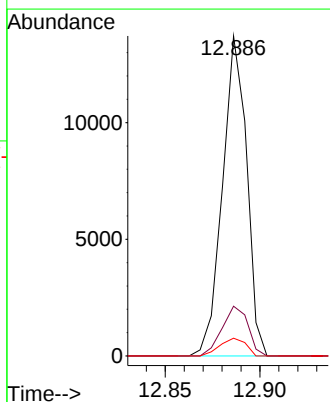
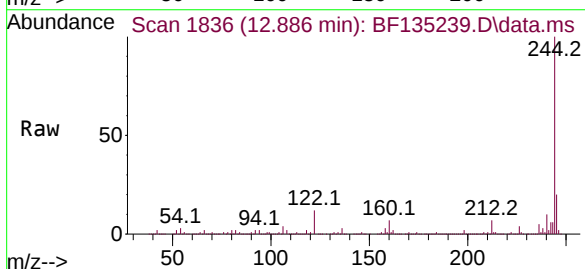
Tgt Ion:184 Resp: 12170

Ion Ratio Lower Upper

184 100

185 15.5 11.7 17.5

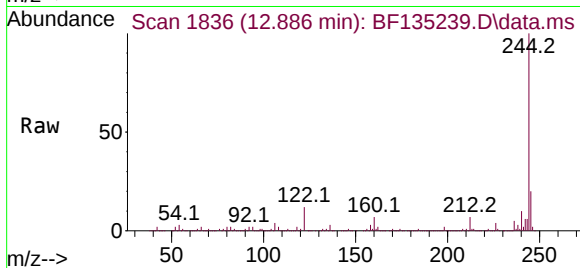
183 5.5 8.2 12.4#



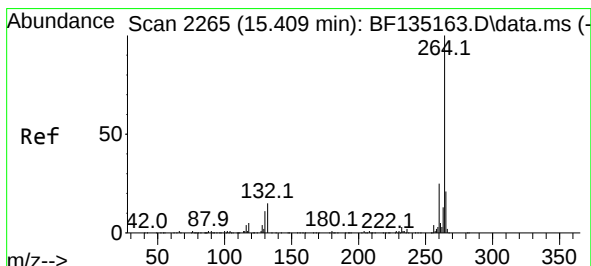
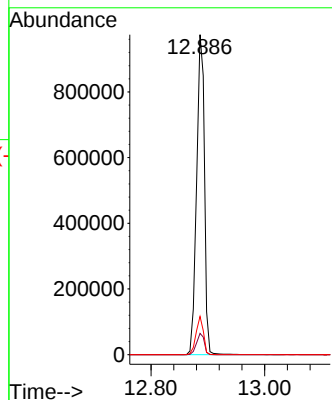
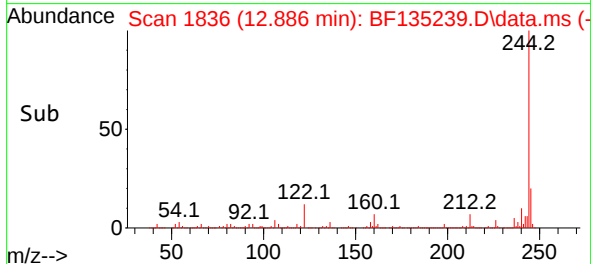


#79
 Terphenyl-d14
 Concen: 58.903 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-6



Tgt Ion:244 Resp: 941060
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135239.D
 Acq: 14 Sep 2023 00:07

Tgt Ion:264 Resp: 234977
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 21.9 17.0 25.4

