

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135811.D
 Acq On : 17 Oct 2023 14:37
 Operator : CG\JU
 Sample : 04724-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 18 01:37:42 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)

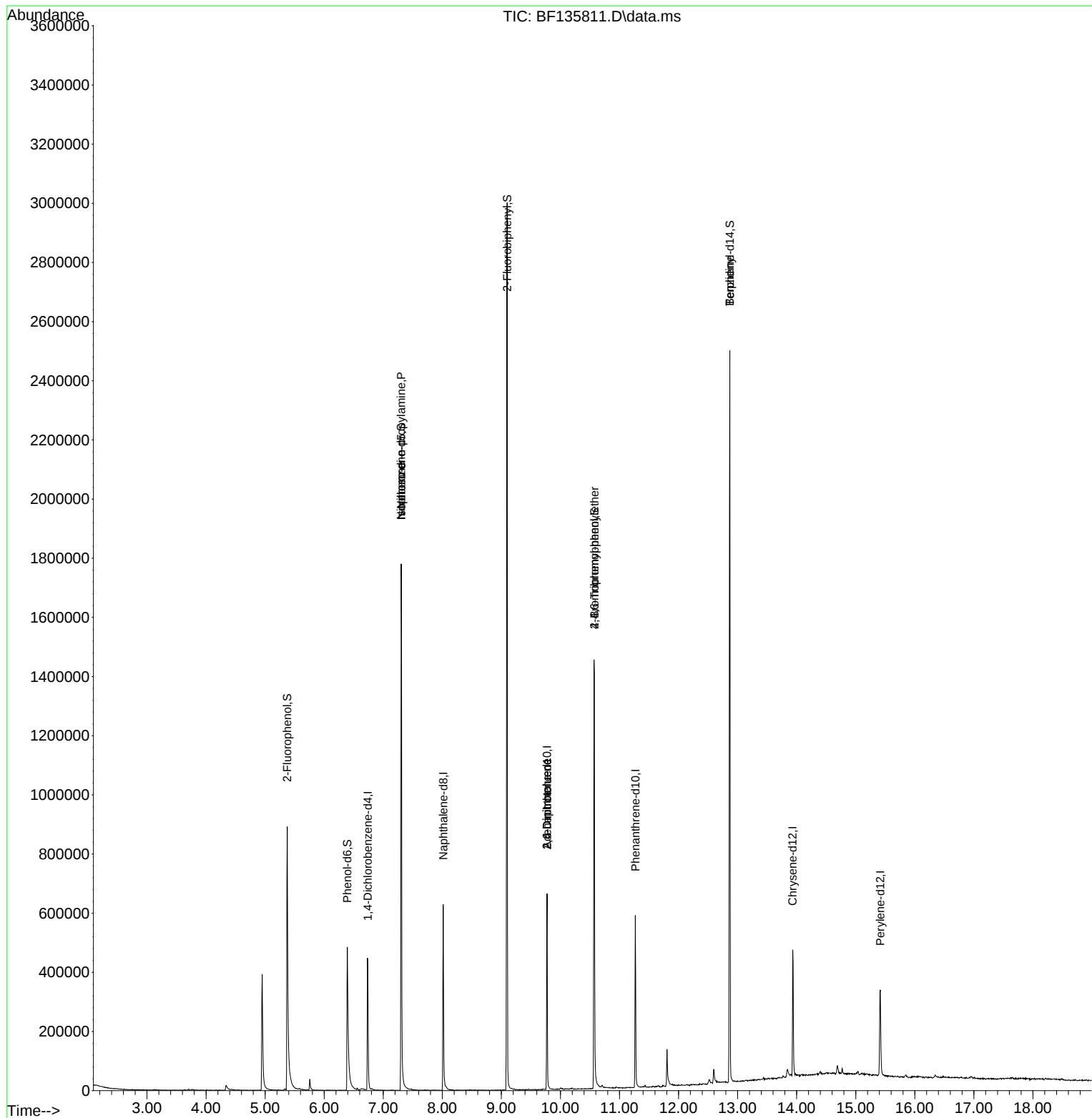
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	75144	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	283291	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	130354	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	214009	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	155323	20.000	ng	-0.02
86) Perylene-d12	15.415	264	151547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	343920	73.584	ng	0.00
7) Phenol-d6	6.392	99	247970	42.521	ng	0.00
23) Nitrobenzene-d5	7.304	82	570471	110.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	188218	150.472	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	948226	113.733	ng	0.00
79) Terphenyl-d14	12.868	244	857436	102.232	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	75865	21.040	ng	# 75
25) Isophorone	7.304	82	570467	58.706	ng	# 66
51) 2,6-Dinitrotoluene	9.774	165	16173	8.547	ng	# 16
57) 2,4-Dinitrotoluene	9.774	165	16173	6.718	ng	# 23
67) 4-Bromophenyl-phenylether	10.574	248	11388	5.301	ng	# 1
77) Benzidine	12.868	184	10677	3.150	ng	# 94

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

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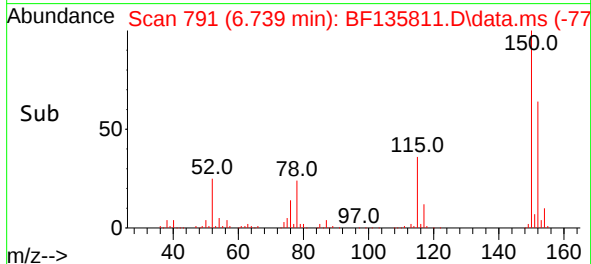
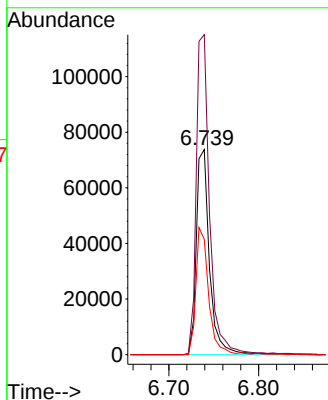
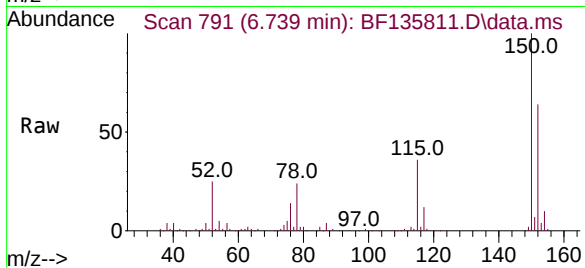




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

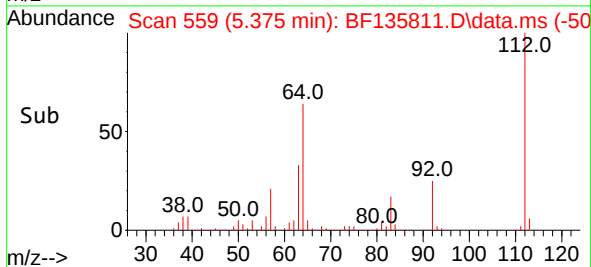
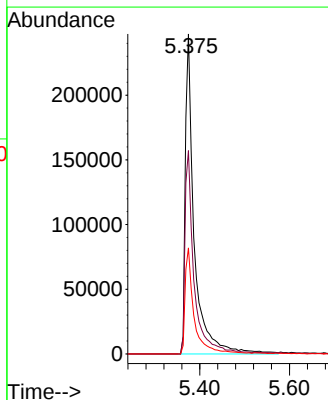
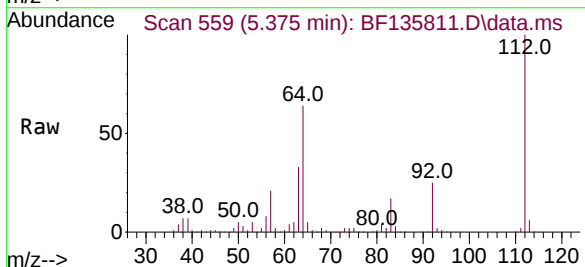
Instrument :
BNA_F
ClientSampleId :
MW-1

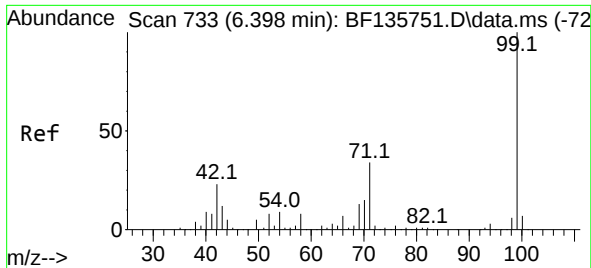
Tgt Ion:152 Resp: 75144
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 56.2 49.0 73.4



#5
2-Fluorophenol
Concen: 73.584 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion:112 Resp: 343920
Ion Ratio Lower Upper
112 100
64 63.5 51.2 76.8
63 33.1 26.1 39.1

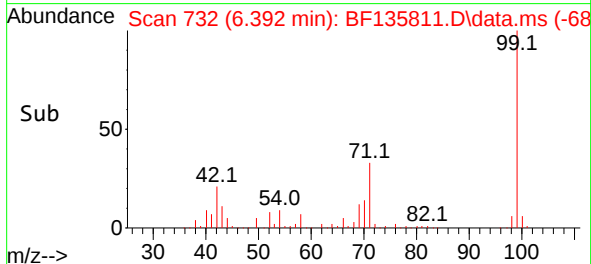
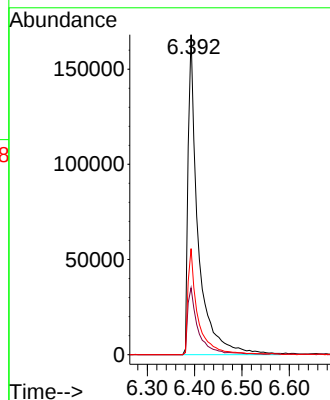
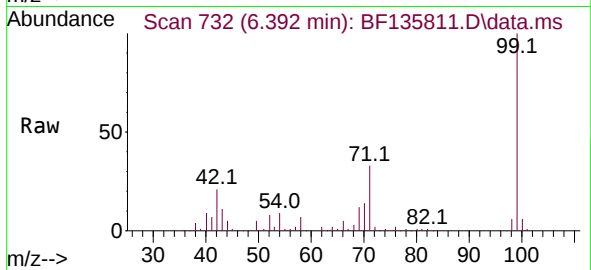




#7
Phenol-d6
Concen: 42.521 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

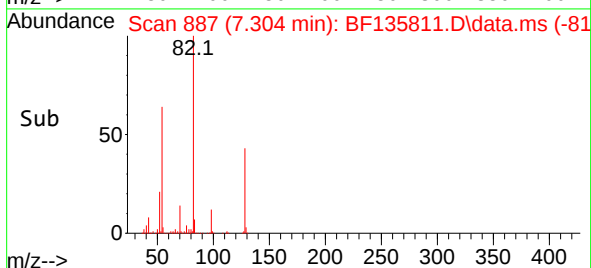
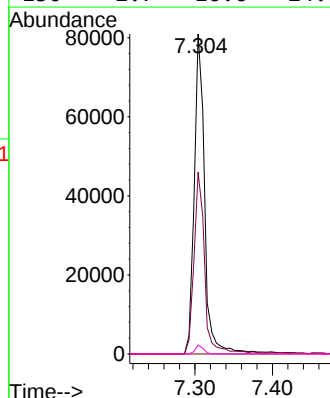
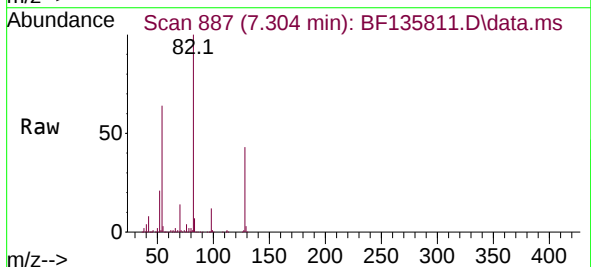
Instrument :
BNA_F
ClientSampleId :
MW-1

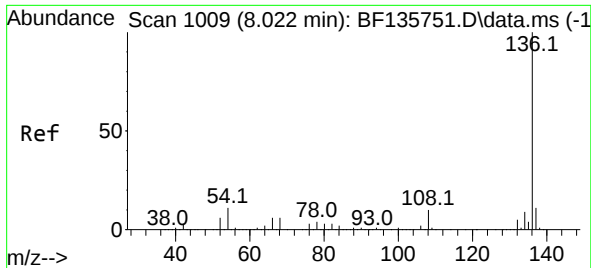
Tgt Ion: 99 Resp: 247970
Ion Ratio Lower Upper
99 100
42 20.9 18.4 27.6
71 33.1 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.040 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion: 70 Resp: 75865
Ion Ratio Lower Upper
70 100
42 56.8 59.8 89.6#
101 0.0 7.4 11.2#
130 2.7 16.6 24.8#



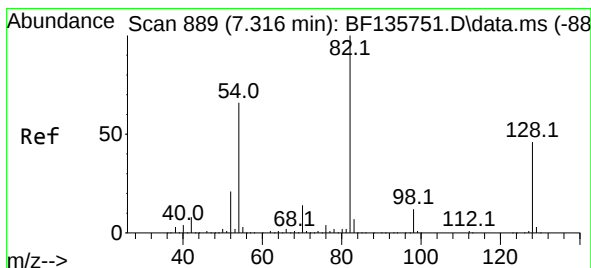
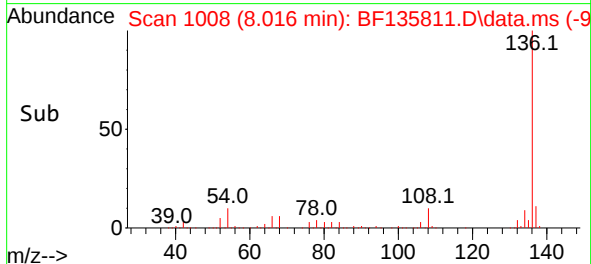
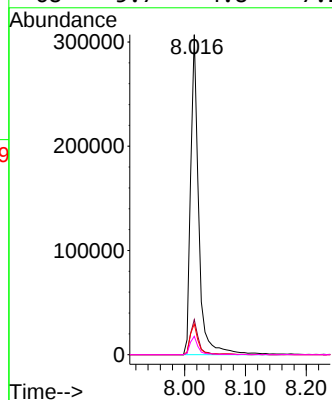
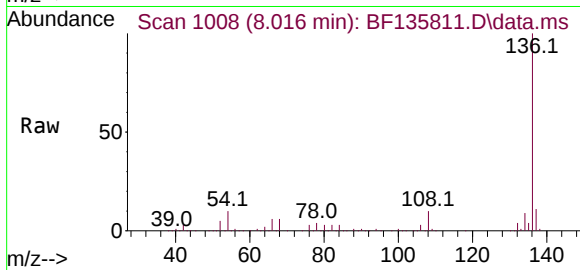


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:136 Resp: 283291

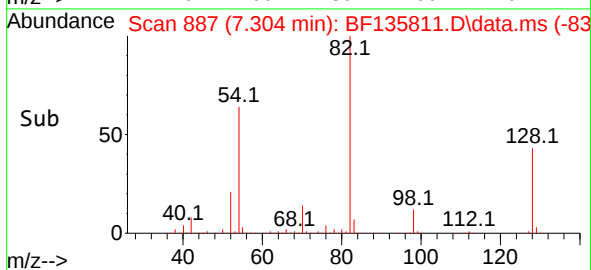
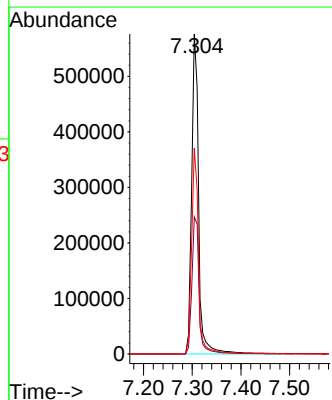
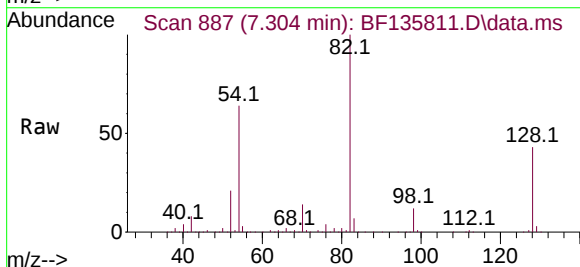
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	8.5	12.7
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 110.753 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion: 82 Resp: 570471

Ion	Ratio	Lower	Upper
82	100		
128	42.8	37.0	55.6
54	64.3	52.8	79.2

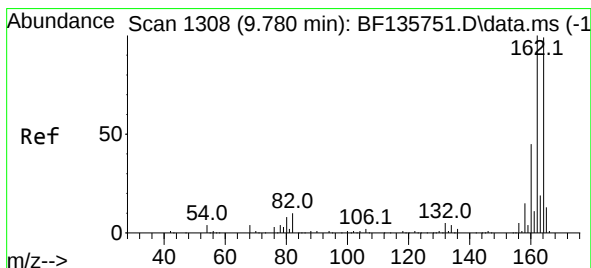
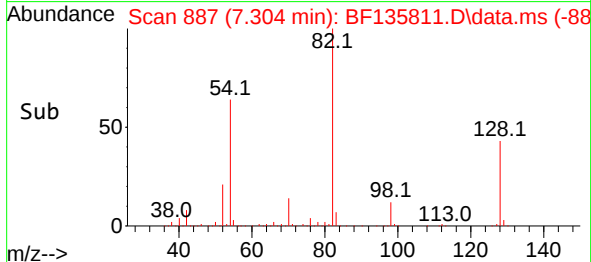
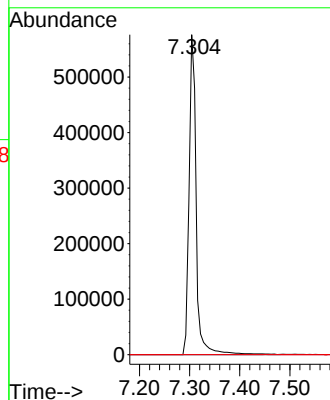
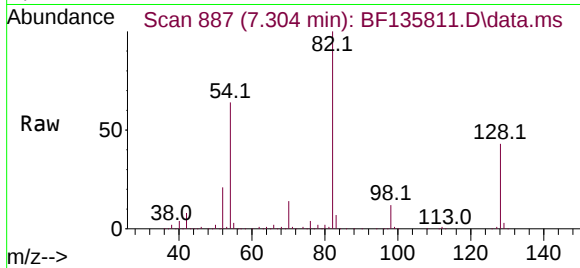




#25
Isophorone
Concen: 58.706 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

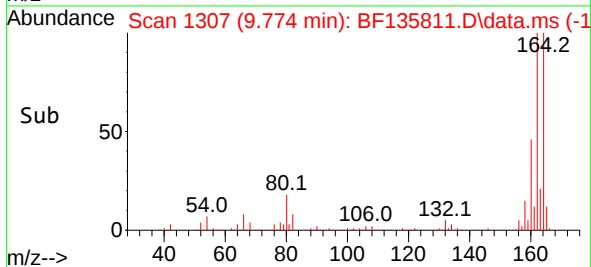
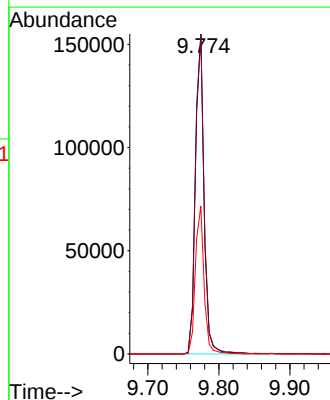
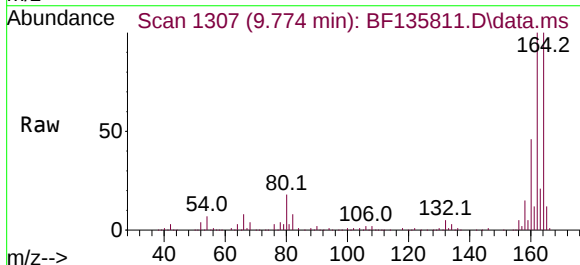
Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 570467
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion: 164 Resp: 130354
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 46.2 36.6 54.8

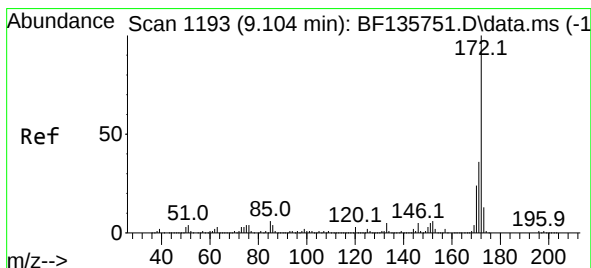
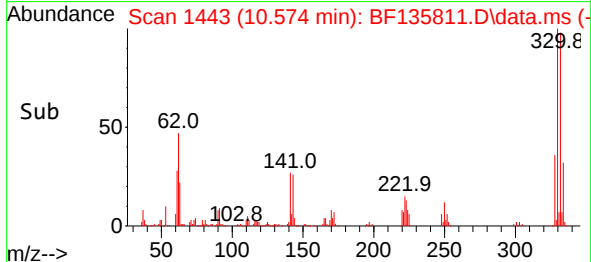
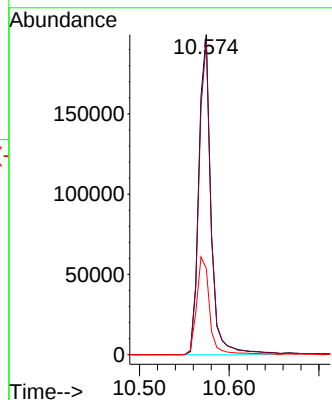
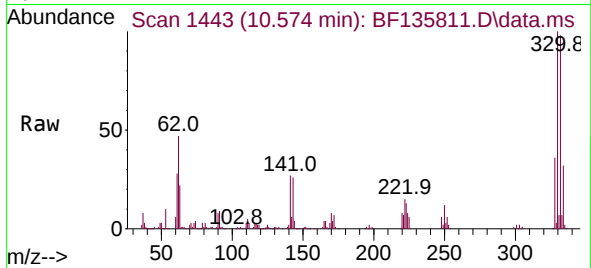




#42
2,4,6-Tribromophenol
Concen: 150.472 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

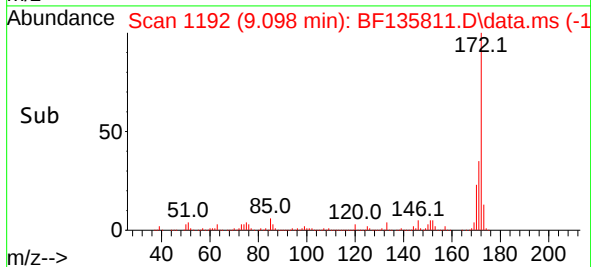
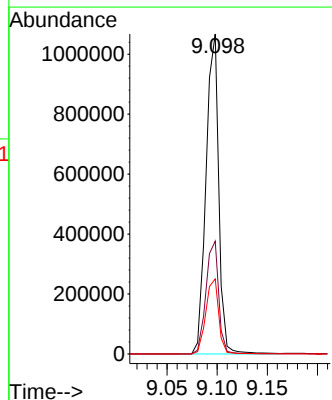
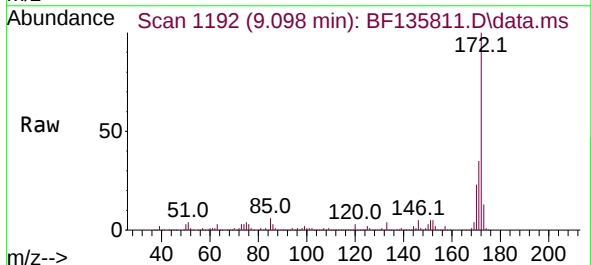
Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 188218
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.4
141 32.6 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 113.733 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion:172 Resp: 948226
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.8 28.2

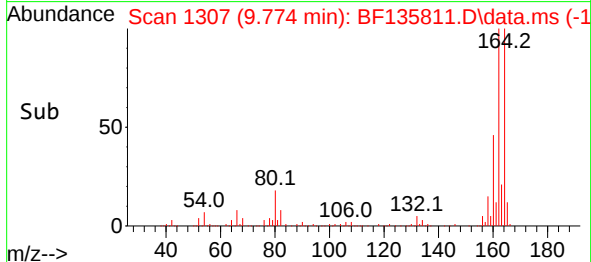
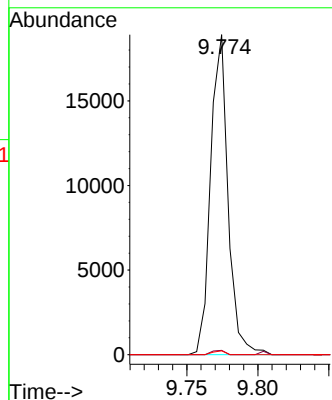
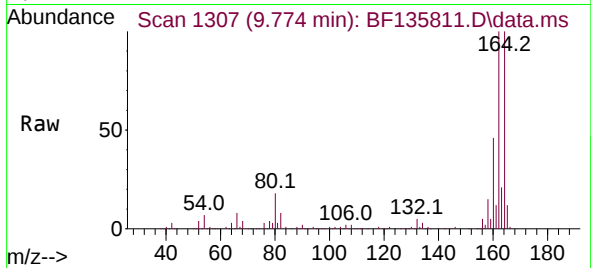




#51
2,6-Dinitrotoluene
Concen: 8.547 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

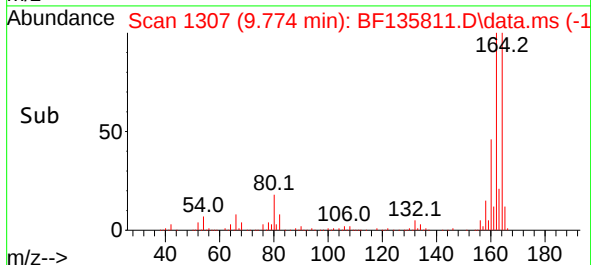
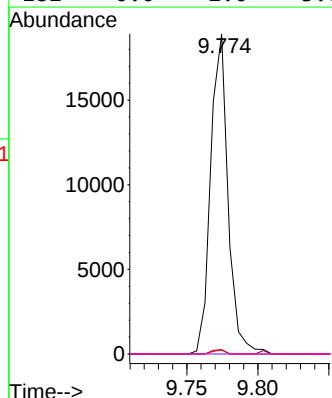
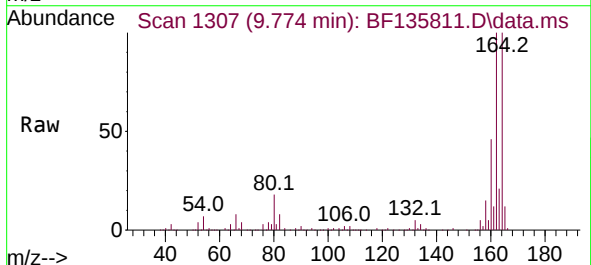
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ClientSampleId :
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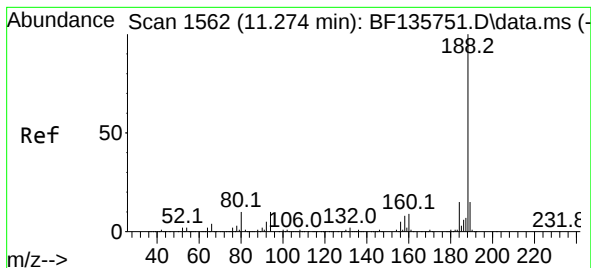
Tgt Ion:165 Resp: 16173
Ion Ratio Lower Upper
165 100
63 1.3 62.2 93.4#
89 1.2 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.718 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135811.D
Acq: 17 Oct 2023 14:37

Tgt Ion:165 Resp: 16173
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.4#
89 1.2 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135811.D

Acq: 17 Oct 2023 14:37

Instrument :

BNA_F

ClientSampleId :

MW-1

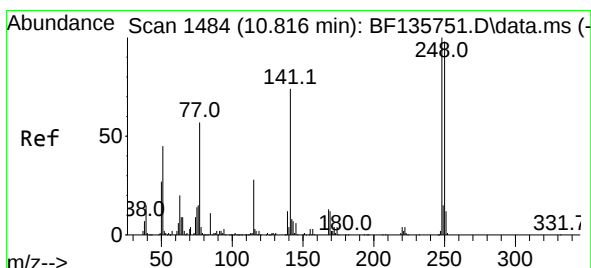
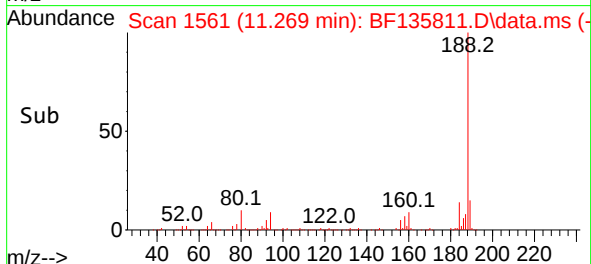
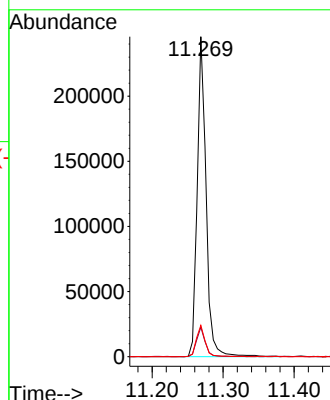
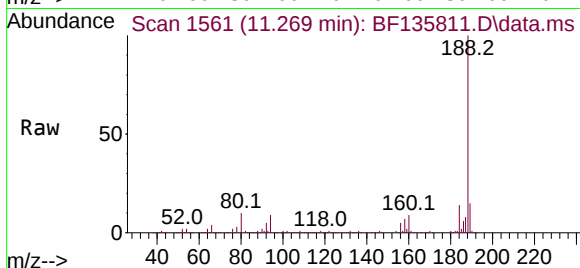
Tgt Ion:188 Resp: 214009

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.8 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.301 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135811.D

Acq: 17 Oct 2023 14:37

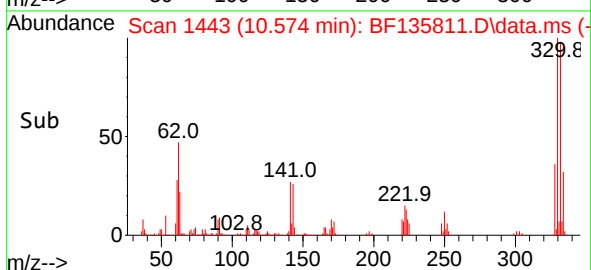
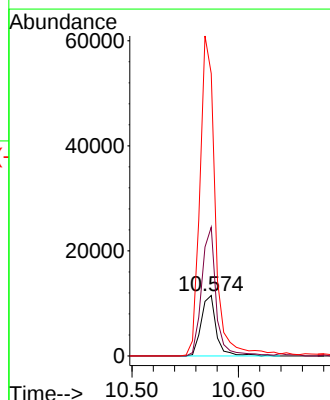
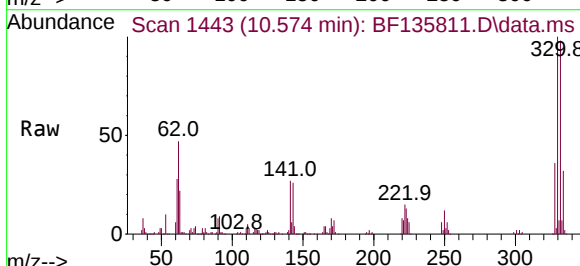
Tgt Ion:248 Resp: 11388

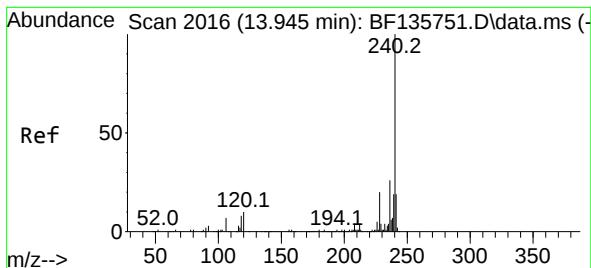
Ion Ratio Lower Upper

248 100

250 212.6 78.0 117.0#

141 466.3 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF135811.D

Acq: 17 Oct 2023 14:37

Instrument :

BNA_F

ClientSampleId :

MW-1

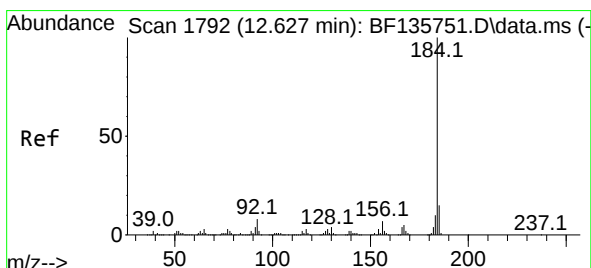
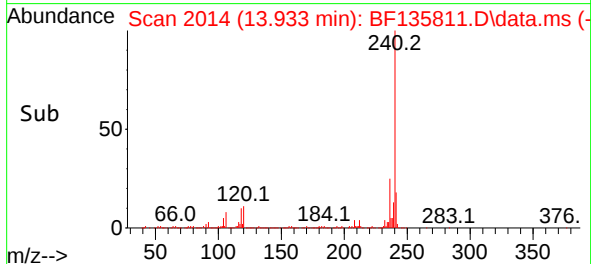
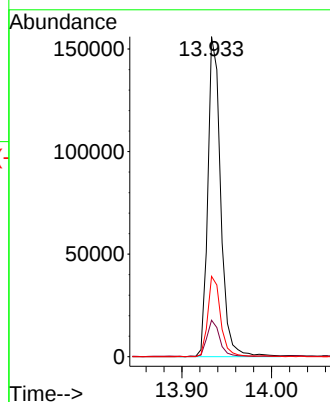
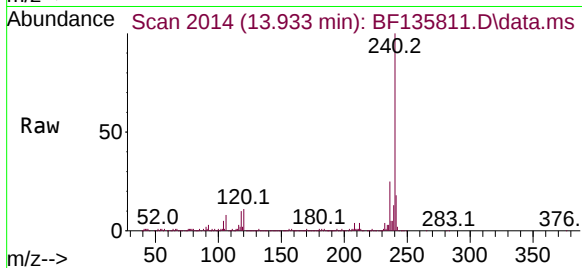
Tgt Ion:240 Resp: 155323

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

236 25.1 21.2 31.8



#77

Benzidine

Concen: 3.150 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135811.D

Acq: 17 Oct 2023 14:37

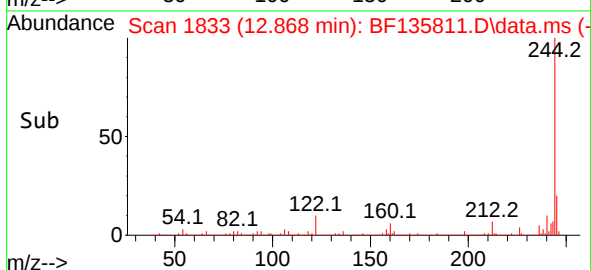
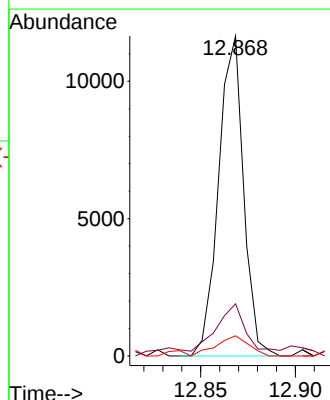
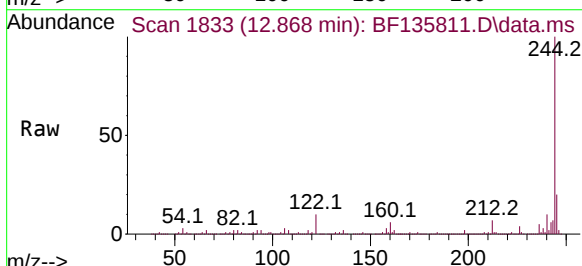
Tgt Ion:184 Resp: 10677

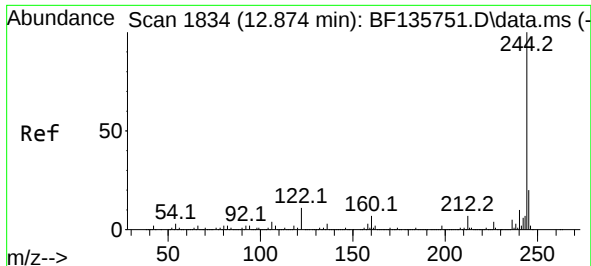
Ion Ratio Lower Upper

184 100

185 16.3 12.0 18.0

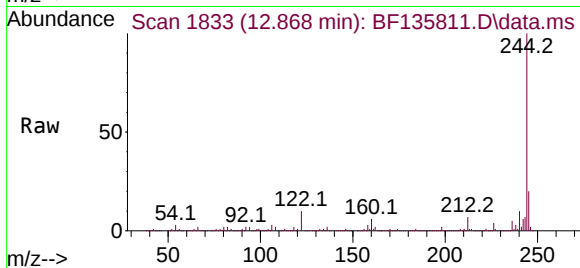
183 6.3 8.2 12.2#



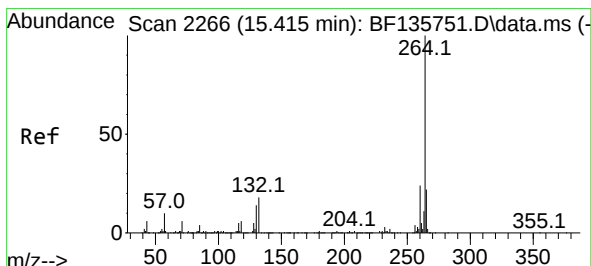
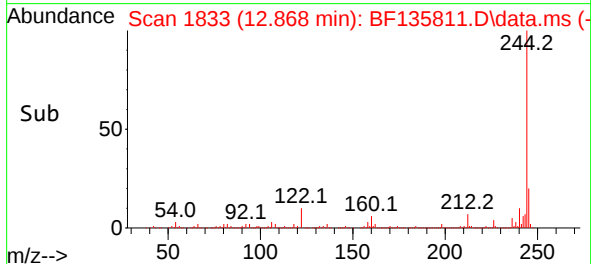
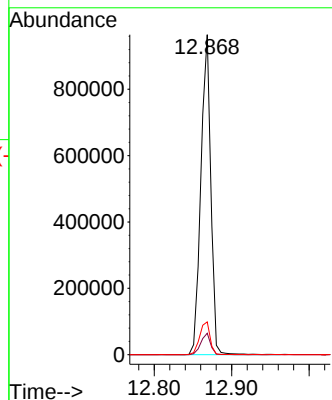


#79
 Terphenyl-d14
 Concen: 102.232 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135811.D
 Acq: 17 Oct 2023 14:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1



Tgt Ion:244 Resp: 857436
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 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: BF135811.D
 Acq: 17 Oct 2023 14:37

Tgt Ion:264 Resp: 151547
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.4 26.2

