

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135847.D
 Acq On : 18 Oct 2023 15:05
 Operator : CG\JU
 Sample : 04724-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Oct 18 15:24:16 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)

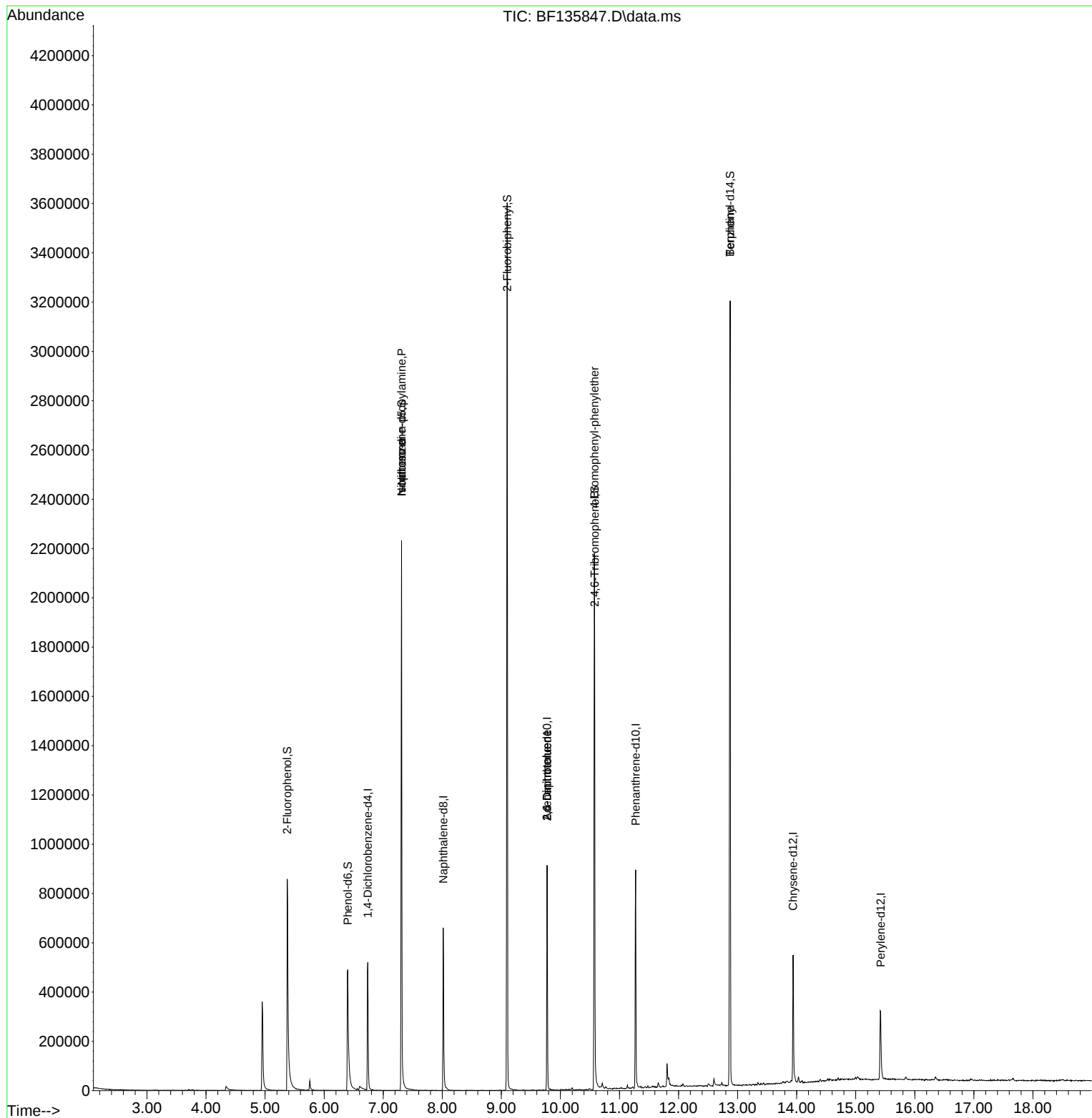
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	85759	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	307337	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	169360	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	333296	20.000	ng	0.00
76) Chrysene-d12	13.939	240	180182	20.000	ng	-0.01
86) Perylene-d12	15.421	264	155234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	330018	61.870	ng	0.00
7) Phenol-d6	6.398	99	270859	40.697	ng	0.00
23) Nitrobenzene-d5	7.310	82	653509	116.948	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	285526	175.693	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1076907	99.419	ng	0.00
79) Terphenyl-d14	12.874	244	1208777	124.238	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	86124	20.928	ng	# 76
25) Isophorone	7.310	82	653509	61.990	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	21645	8.804	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	21645	6.920	ng	# 24
67) 4-Bromophenyl-phenylether	10.575	248	17545	5.244	ng	# 1
77) Benzidine	12.874	184	15521	3.948	ng	97

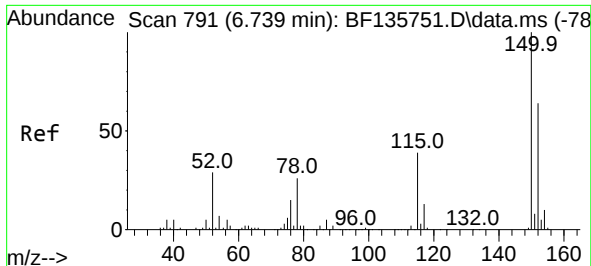
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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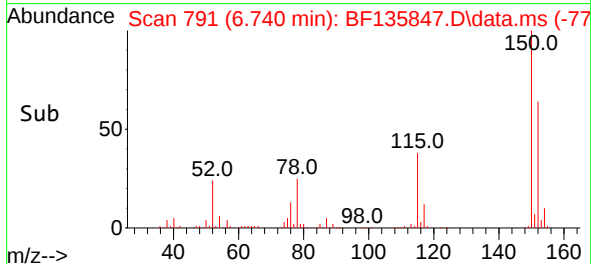
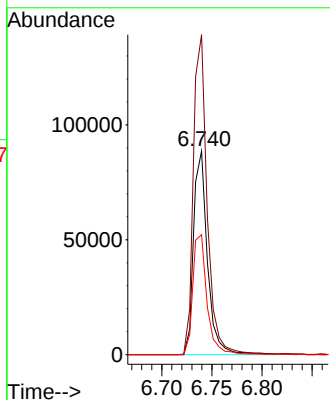
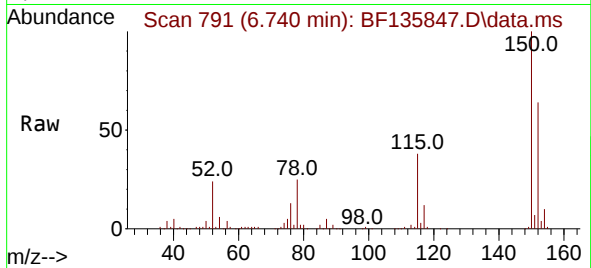




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

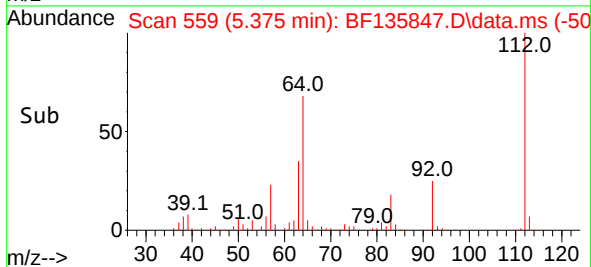
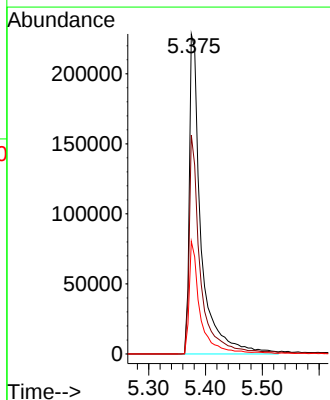
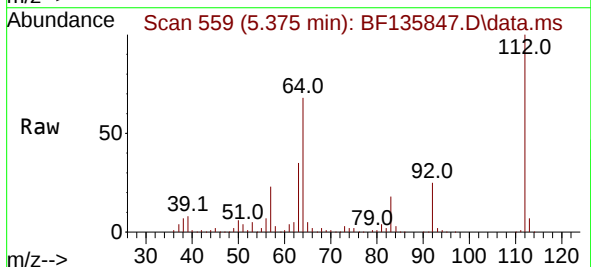
Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 85759
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 58.9 49.0 73.4



#5
2-Fluorophenol
Concen: 61.870 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Tgt Ion:112 Resp: 330018
Ion Ratio Lower Upper
112 100
64 68.4 51.2 76.8
63 35.2 26.1 39.1

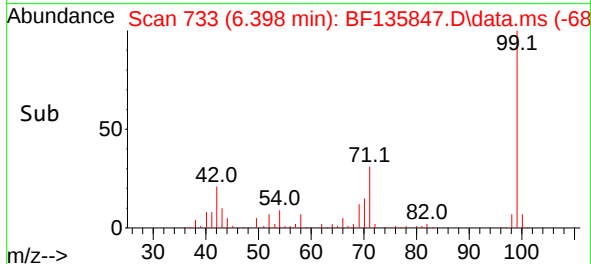
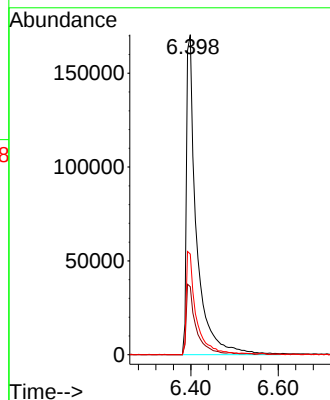
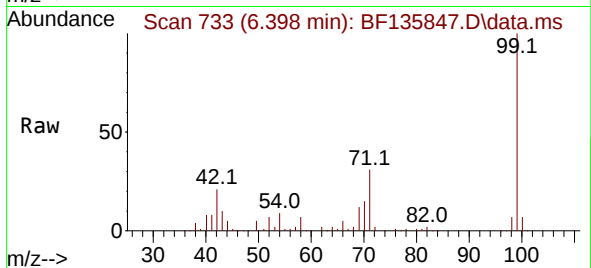




#7
Phenol-d6
Concen: 40.697 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

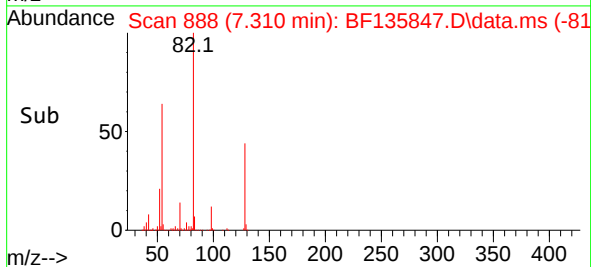
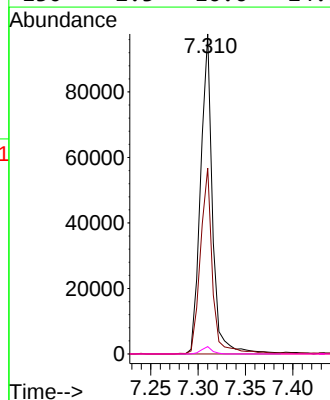
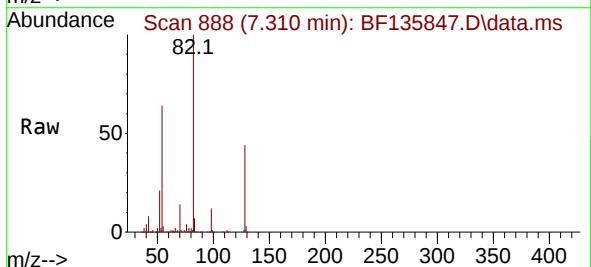
Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 270859
Ion Ratio Lower Upper
99 100
42 21.3 18.4 27.6
71 31.4 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.928 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Tgt Ion: 70 Resp: 86124
Ion Ratio Lower Upper
70 100
42 58.1 59.8 89.6#
101 0.0 7.4 11.2#
130 2.3 16.6 24.8#

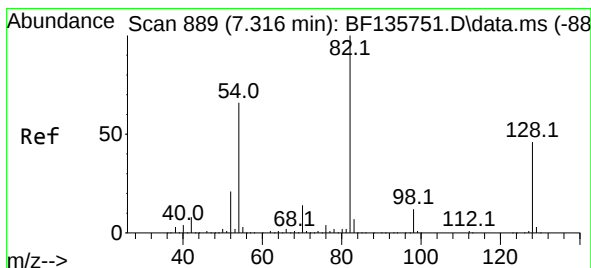
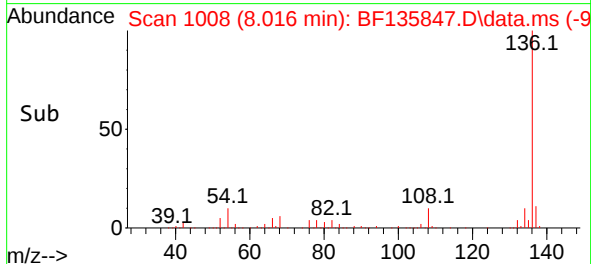
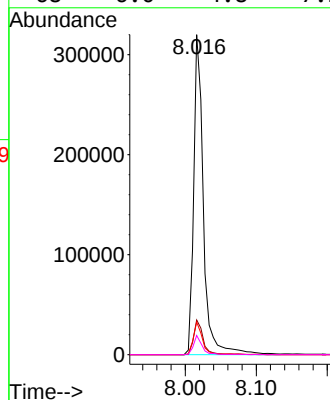
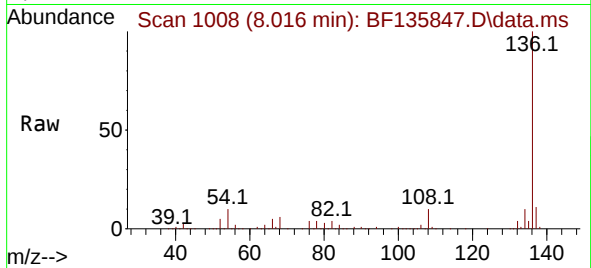




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

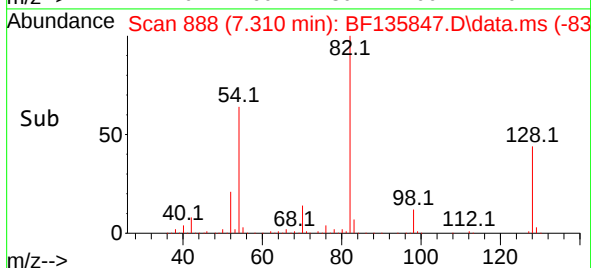
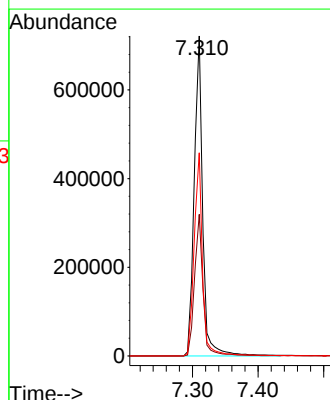
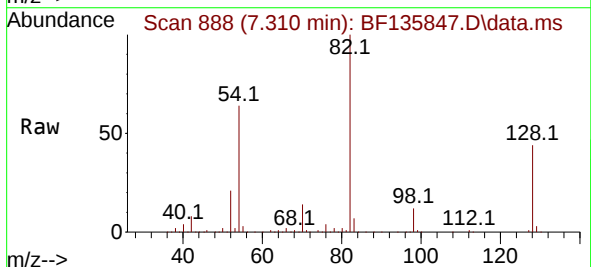
Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 307337
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.2 8.5 12.7
68 6.0 4.8 7.2



#23
Nitrobenzene-d5
Concen: 116.948 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Tgt Ion: 82 Resp: 653509
Ion Ratio Lower Upper
82 100
128 44.2 37.0 55.6
54 63.5 52.8 79.2

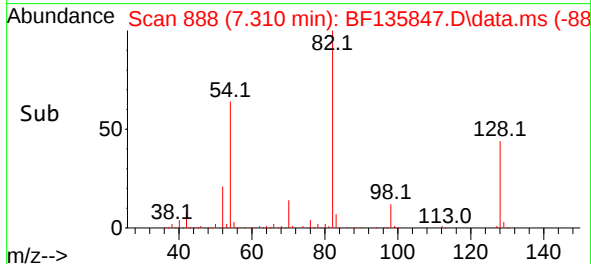
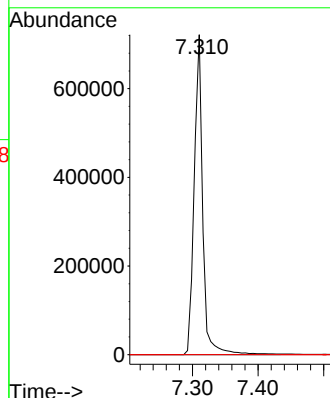
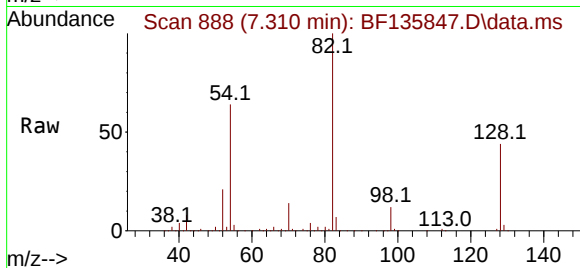




#25
Isophorone
Concen: 61.990 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

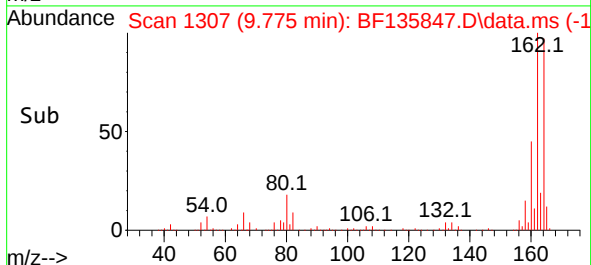
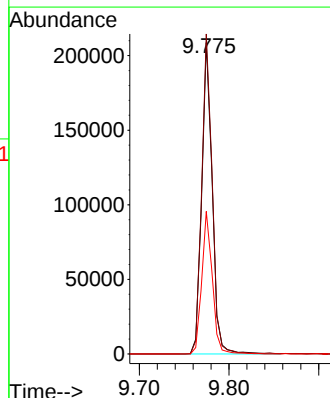
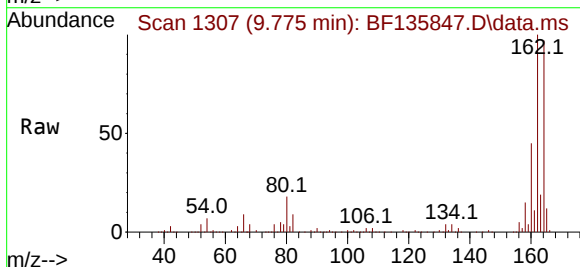
Instrument :
BNA_F
Client SampleId :
MW-4

Tgt Ion: 82 Resp: 653509
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: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Tgt Ion: 164 Resp: 169360
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 45.8 36.6 54.8

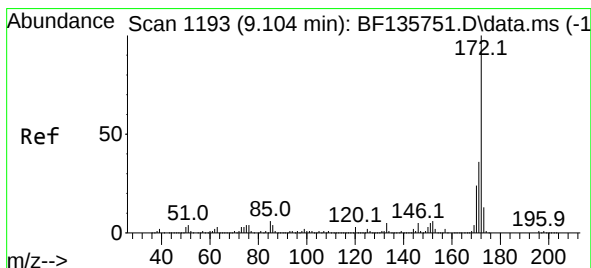
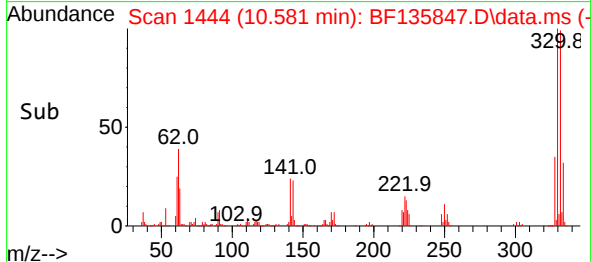
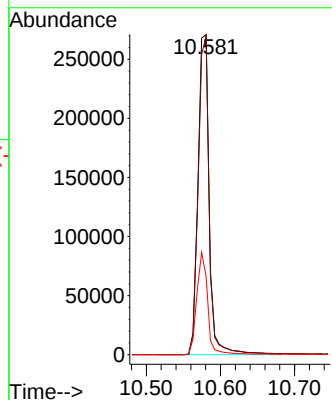
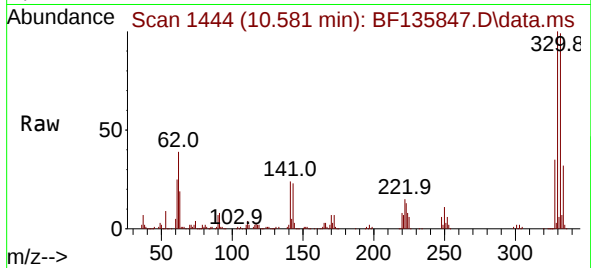




#42
2,4,6-Tribromophenol
Concen: 175.693 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

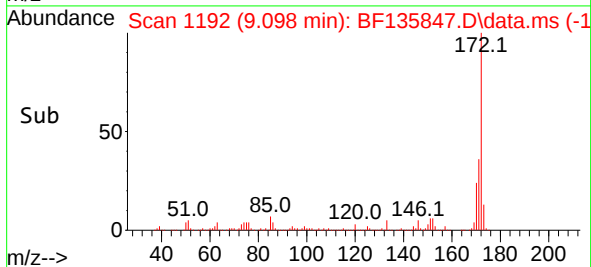
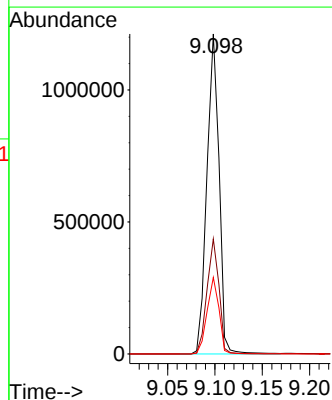
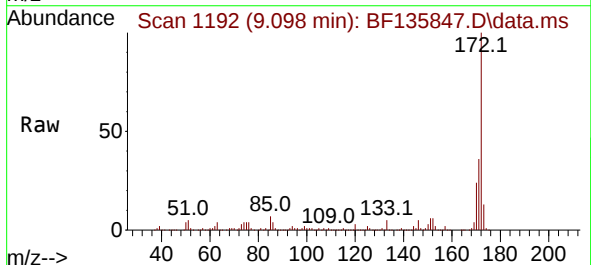
Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 285526
Ion Ratio Lower Upper
330 100
332 97.1 75.0 112.4
141 31.2 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 99.419 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Tgt Ion:172 Resp: 1076907
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.9 18.8 28.2

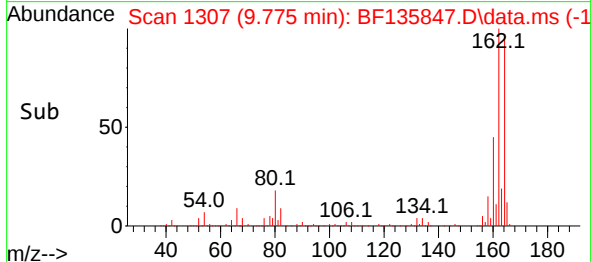
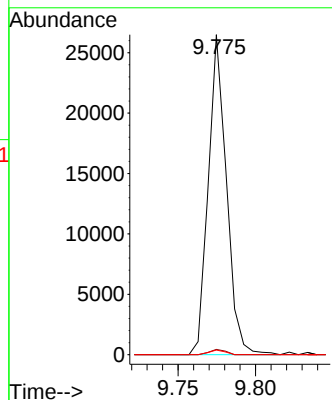
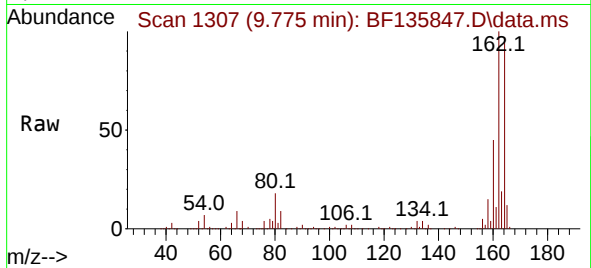




#51
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

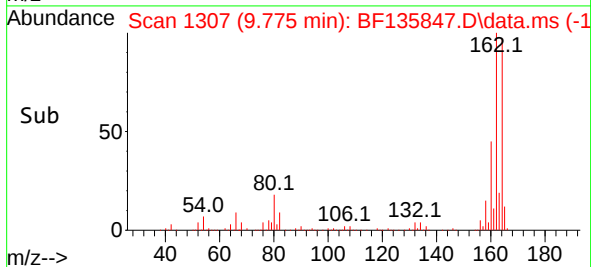
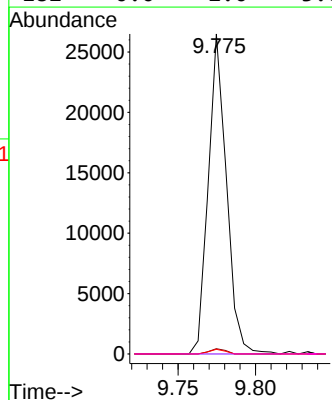
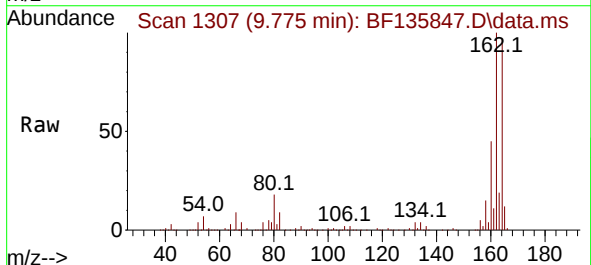
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BNA_F
ClientSampleId :
MW-4

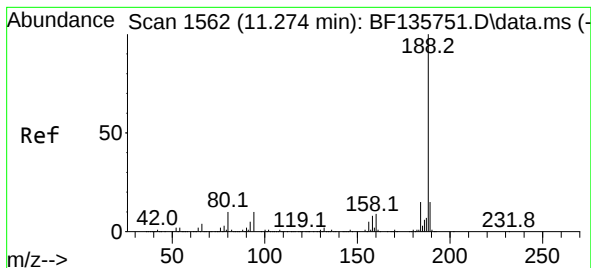
Tgt Ion:165 Resp: 21645
Ion Ratio Lower Upper
165 100
63 1.6 62.2 93.4#
89 1.4 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.920 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.229 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Tgt Ion:165 Resp: 21645
Ion Ratio Lower Upper
165 100
63 1.6 39.0 58.4#
89 1.4 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

Instrument :

BNA_F

ClientSampleId :

MW-4

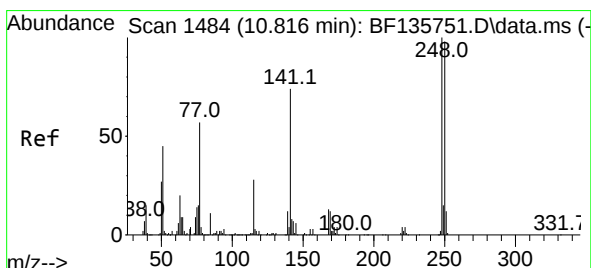
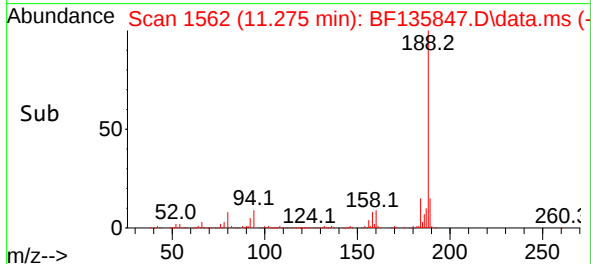
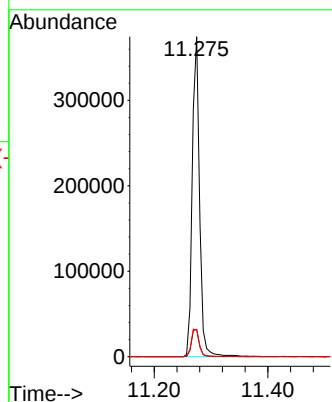
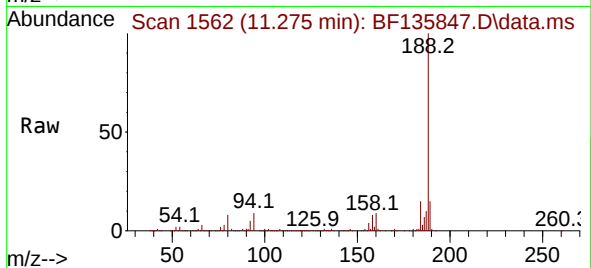
Tgt Ion:188 Resp: 333296

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 8.4 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.244 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

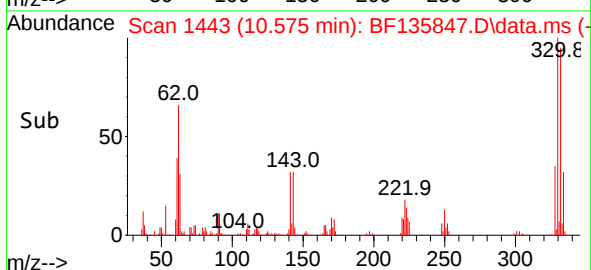
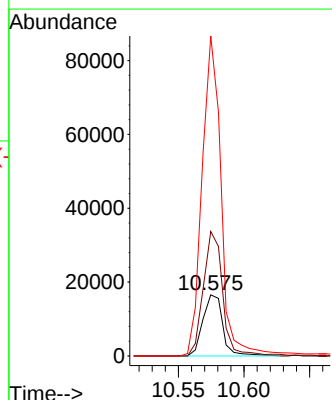
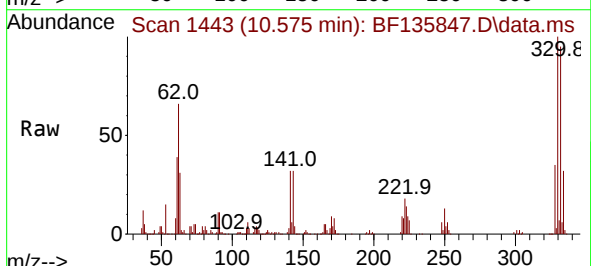
Tgt Ion:248 Resp: 17545

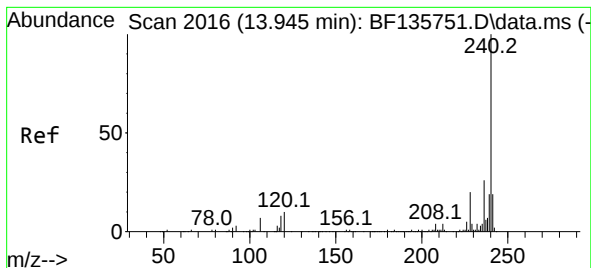
Ion Ratio Lower Upper

248 100

250 203.7 78.0 117.0#

141 523.8 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

Instrument :

BNA_F

ClientSampleId :

MW-4

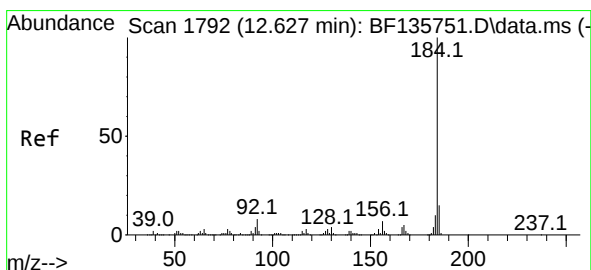
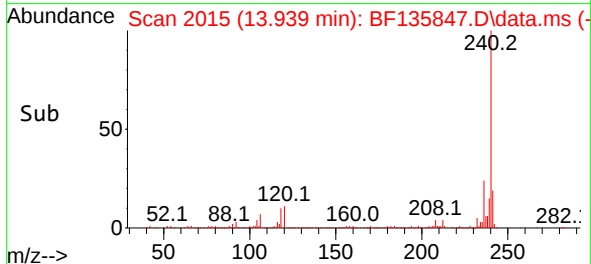
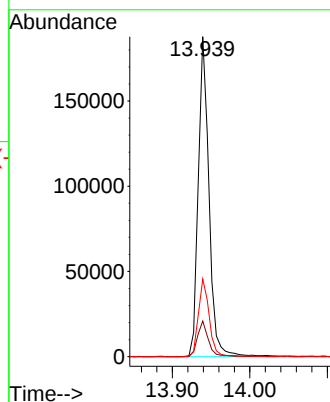
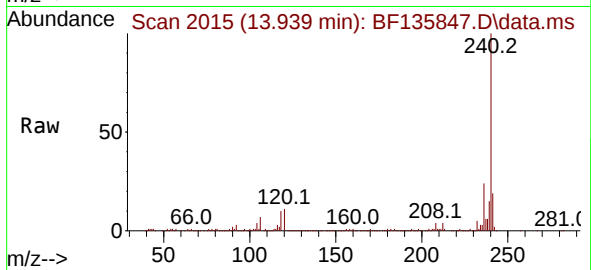
Tgt Ion:240 Resp: 180182

Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

236 24.3 21.2 31.8



#77

Benzidine

Concen: 3.948 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.241 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

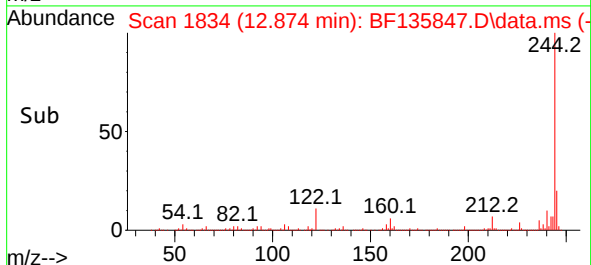
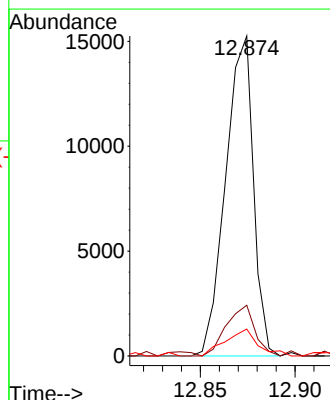
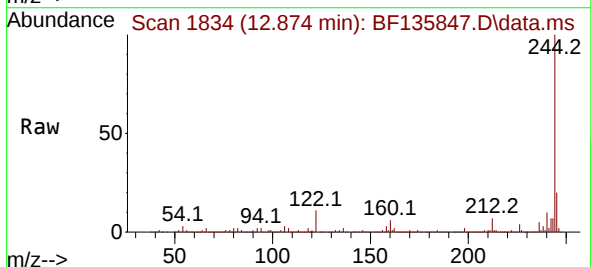
Tgt Ion:184 Resp: 15521

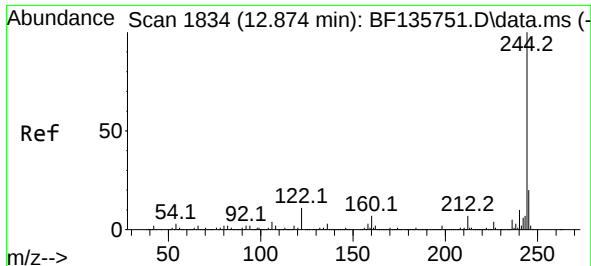
Ion Ratio Lower Upper

184 100

185 15.8 12.0 18.0

183 8.4 8.2 12.2

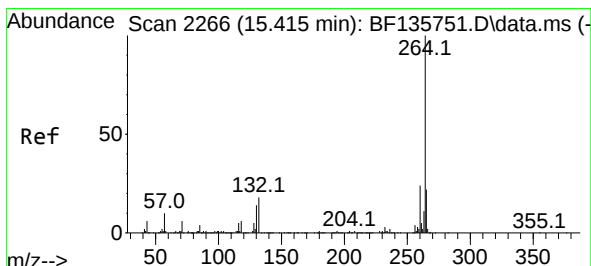
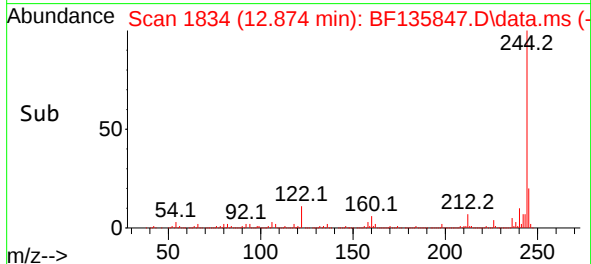
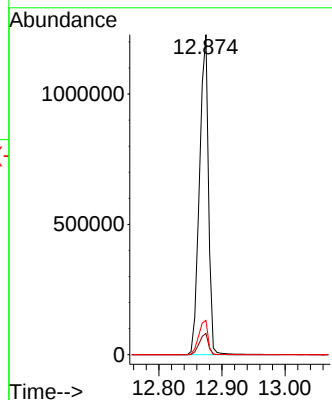
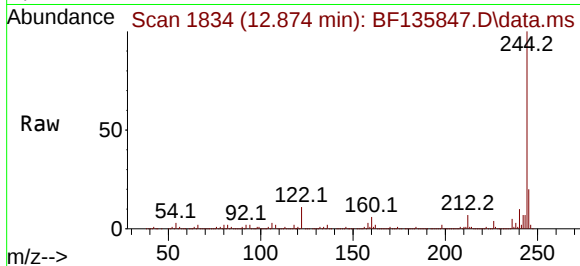




#79
 Terphenyl-d14
 Concen: 124.238 ng
 RT: 12.874 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135847.D
 Acq: 18 Oct 2023 15:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:244 Resp: 1208777
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135847.D
 Acq: 18 Oct 2023 15:05

Tgt Ion:264 Resp: 155234
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.7 17.4 26.2

