

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135787.D
 Acq On : 16 Oct 2023 20:52
 Operator : CG\JU
 Sample : 04656-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Oct 17 01:58:17 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)

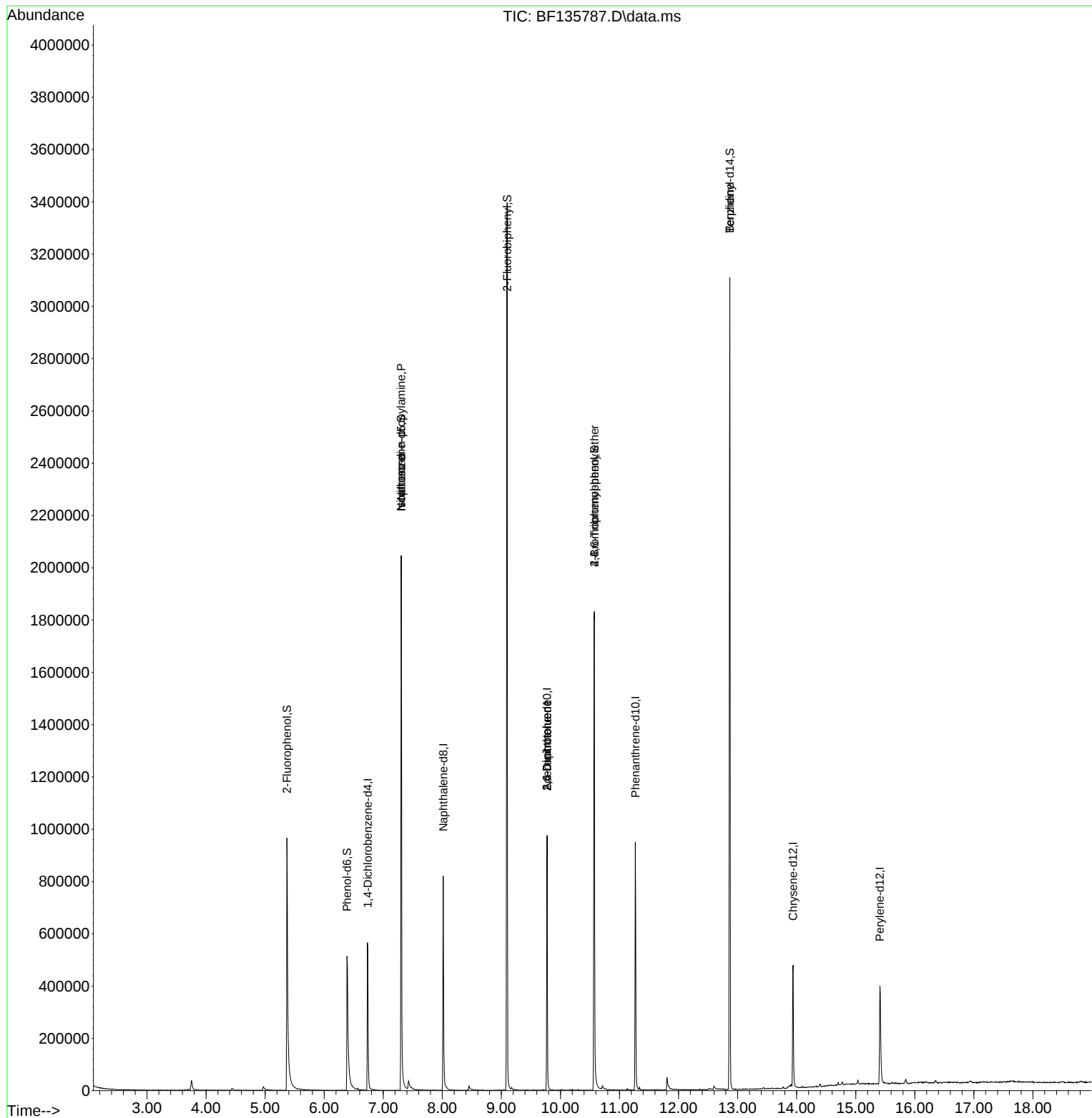
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	92568	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	364696	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	185682	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	352277	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	177481	20.000	ng	-0.01
86) Perylene-d12	15.409	264	204811	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	372525	64.701	ng	0.00
7) Phenol-d6	6.387	99	274984	38.278	ng	-0.01
23) Nitrobenzene-d5	7.304	82	627838	94.683	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	243268	136.532	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1091821	91.935	ng	0.00
79) Terphenyl-d14	12.868	244	1126340	117.527	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	82282	18.524	ng	# 77
25) Isophorone	7.304	82	627834	50.188	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	23687	8.787	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	23687	6.907	ng	# 23
67) 4-Bromophenyl-phenylether	10.574	248	15226	4.306	ng	# 1
77) Benzidine	12.868	184	13929	3.597	ng	# 96

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

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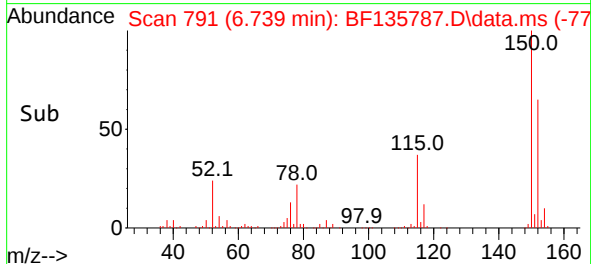
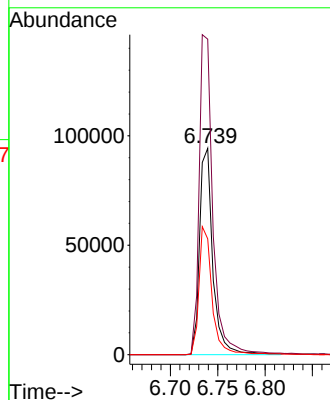
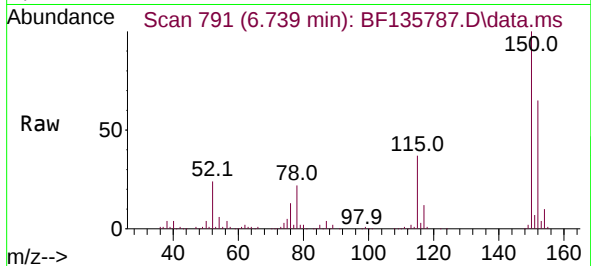




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

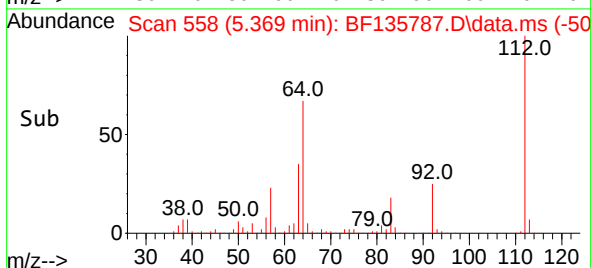
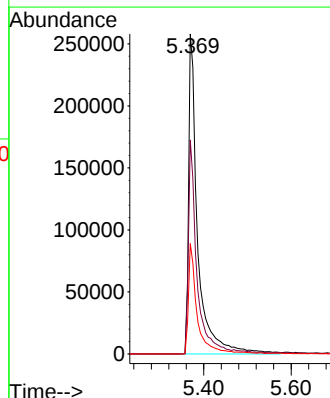
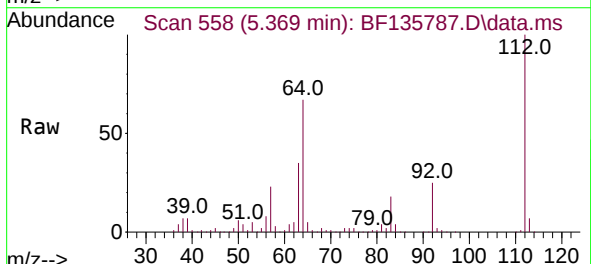
Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:152 Resp: 92568
Ion Ratio Lower Upper
152 100
150 152.9 124.5 186.7
115 56.1 49.0 73.4



#5
2-Fluorophenol
Concen: 64.701 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion:112 Resp: 372525
Ion Ratio Lower Upper
112 100
64 66.9 51.2 76.8
63 34.5 26.1 39.1

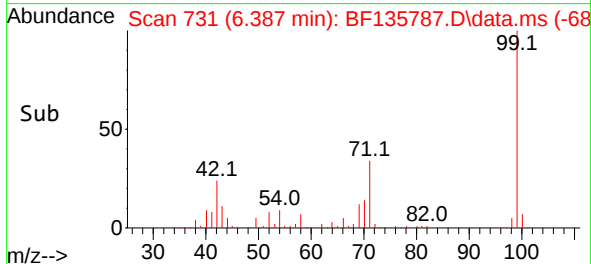
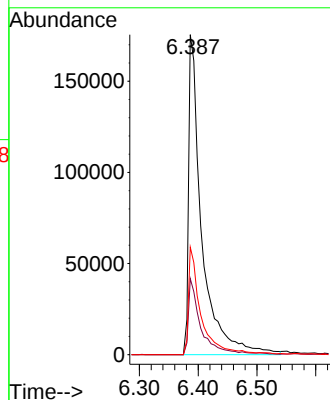
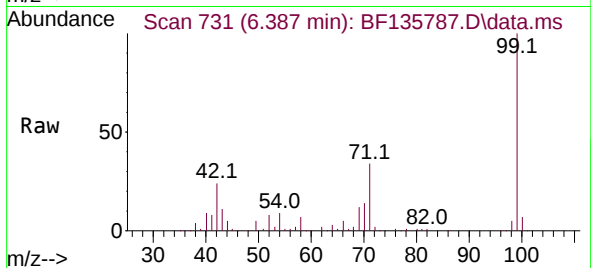




#7
Phenol-d6
Concen: 38.278 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

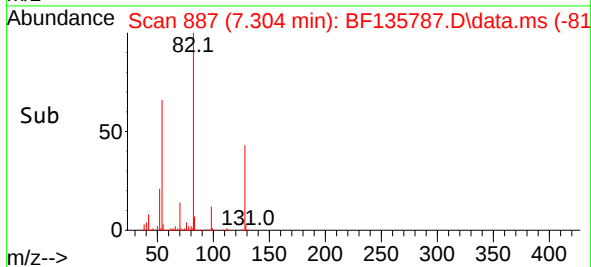
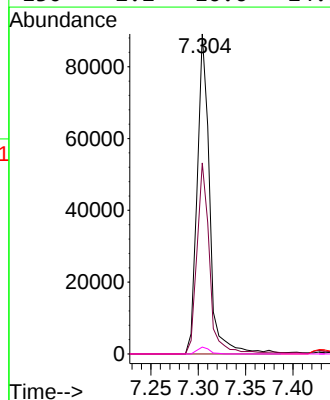
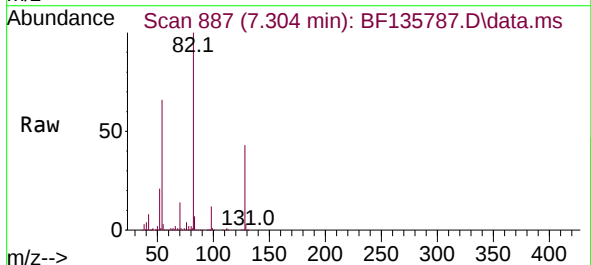
Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion: 99 Resp: 274984
Ion Ratio Lower Upper
99 100
42 23.8 18.4 27.6
71 33.6 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.524 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion: 70 Resp: 82282
Ion Ratio Lower Upper
70 100
42 59.7 59.8 89.6#
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#

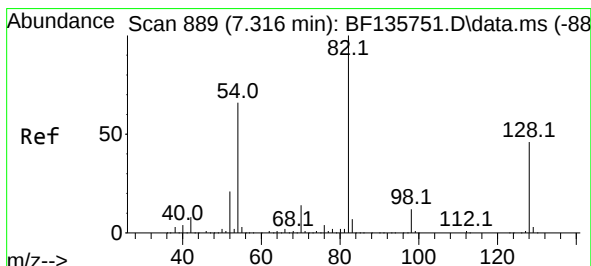
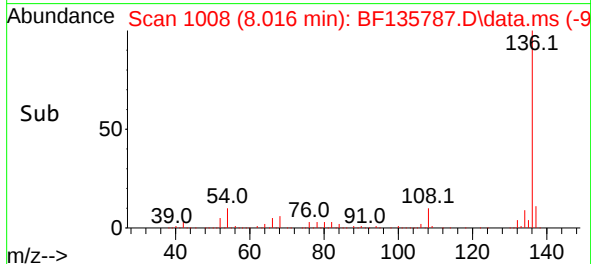
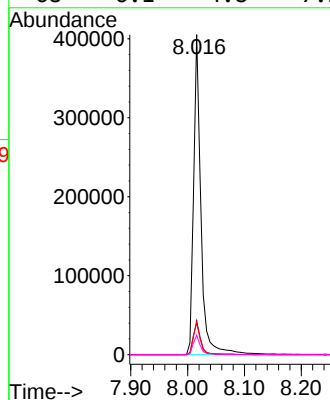
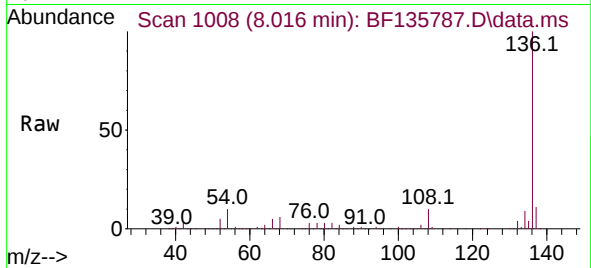




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

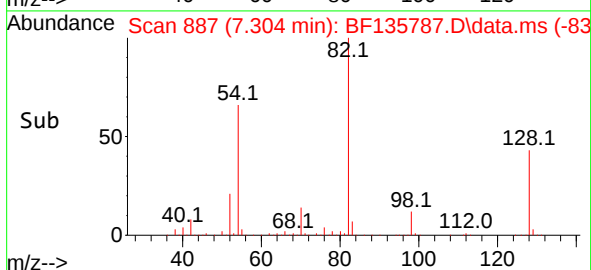
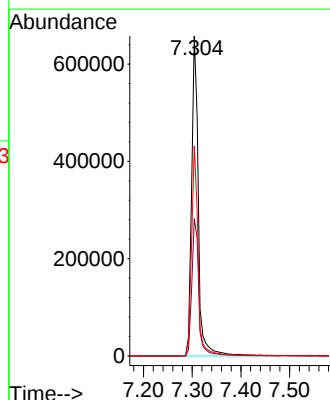
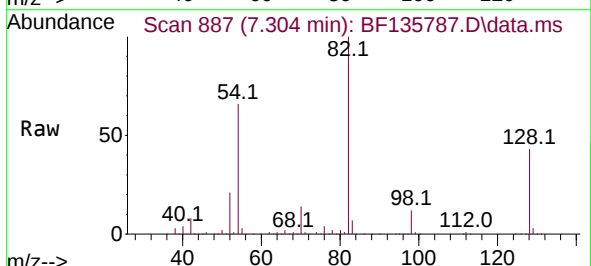
Instrument :
BNA_F
ClientSampleId :
MW-101I

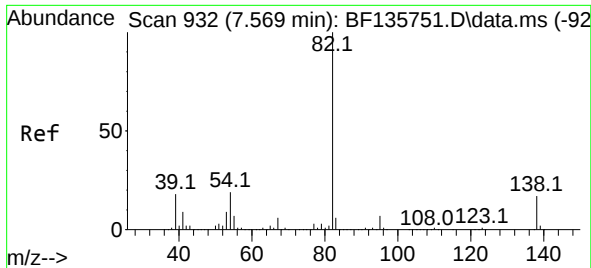
Tgt Ion:136 Resp: 364696
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.8 8.5 12.7
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 94.683 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion: 82 Resp: 627838
Ion Ratio Lower Upper
82 100
128 42.9 37.0 55.6
54 65.7 52.8 79.2

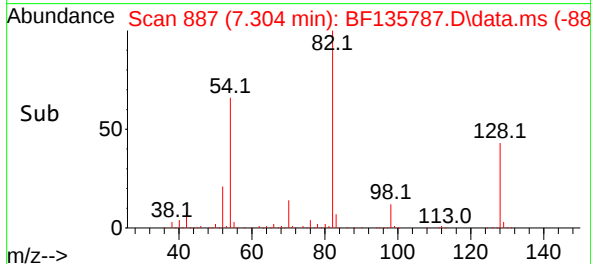
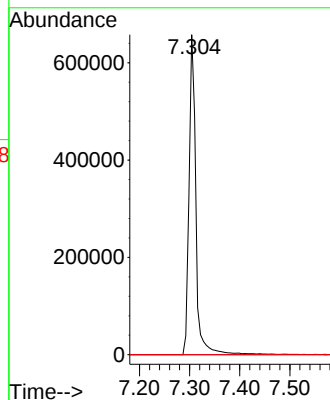
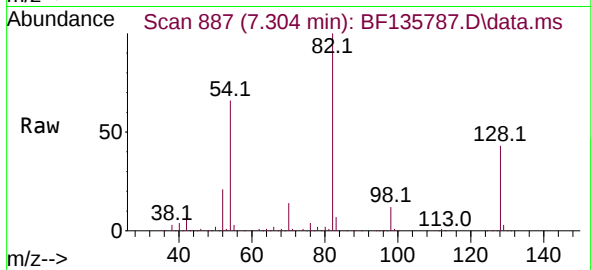




#25
Isophorone
Concen: 50.188 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

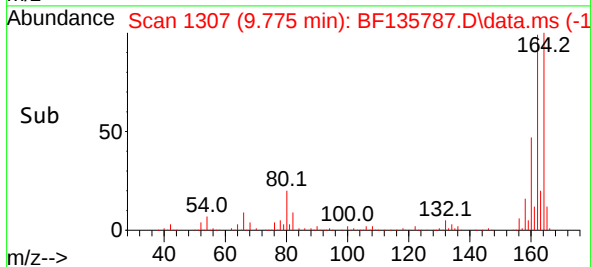
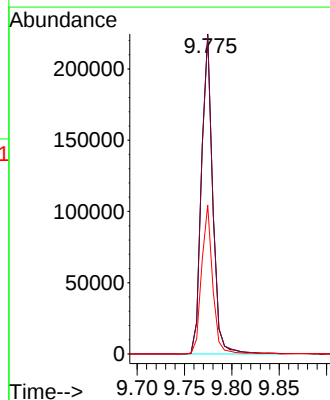
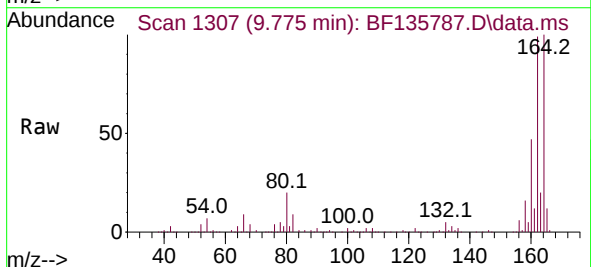
Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion: 82 Resp: 627834
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: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion:164 Resp: 185682
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 46.5 36.6 54.8

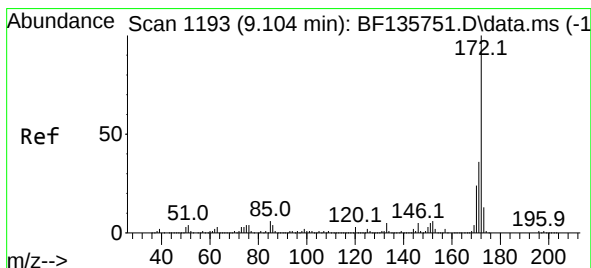
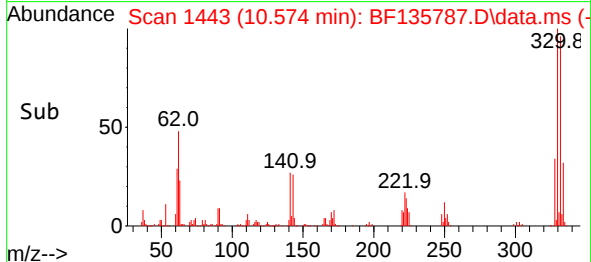
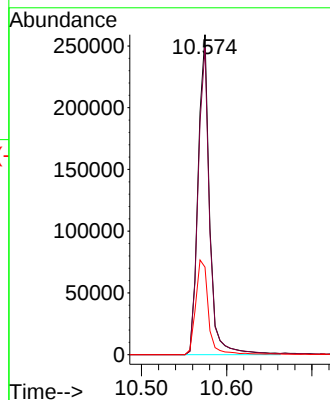
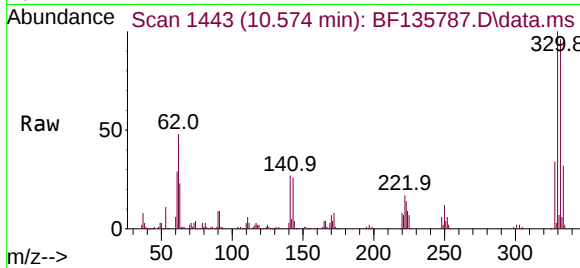




#42
 2,4,6-Tribromophenol
 Concen: 136.532 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. -0.012 min
 Lab File: BF135787.D
 Acq: 16 Oct 2023 20:52

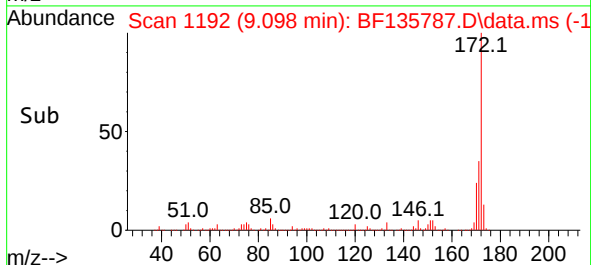
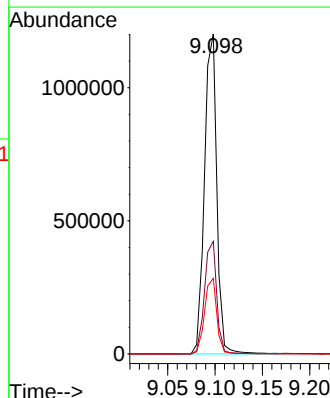
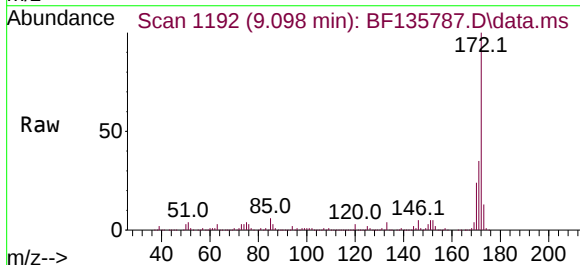
Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tgt Ion: 330 Resp: 243268
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.0 112.4
 141 33.2 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 91.935 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BF135787.D
 Acq: 16 Oct 2023 20:52

Tgt Ion: 172 Resp: 1091821
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.7 18.8 28.2

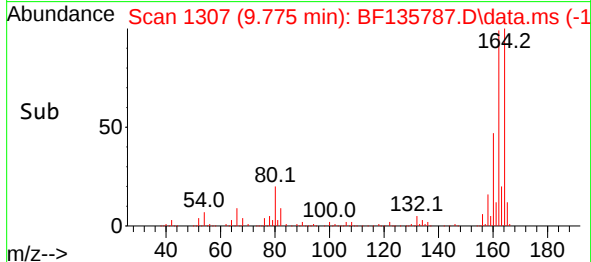
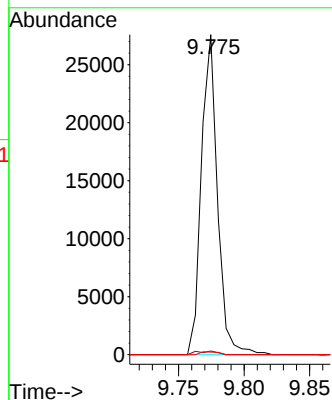
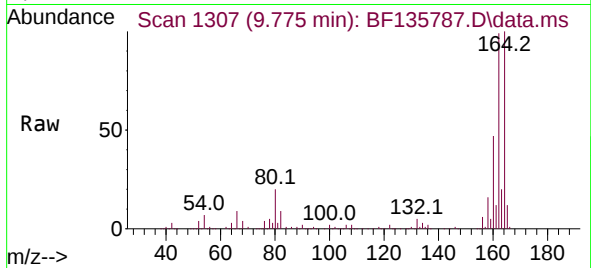




#51
2,6-Dinitrotoluene
Concen: 8.787 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

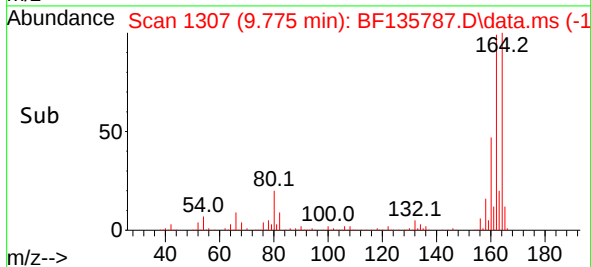
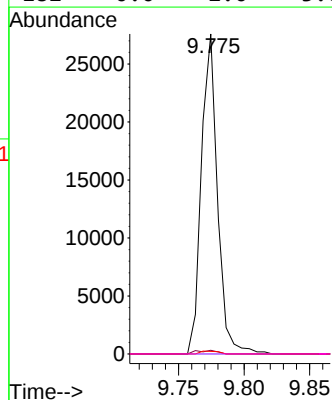
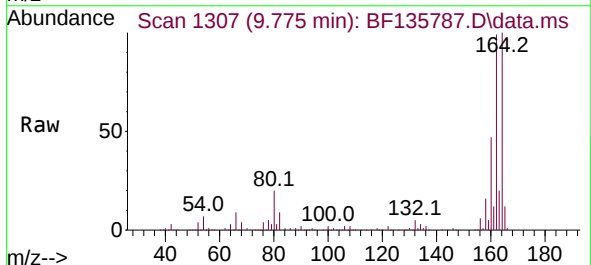
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BNA_F
ClientSampleId :
MW-101I

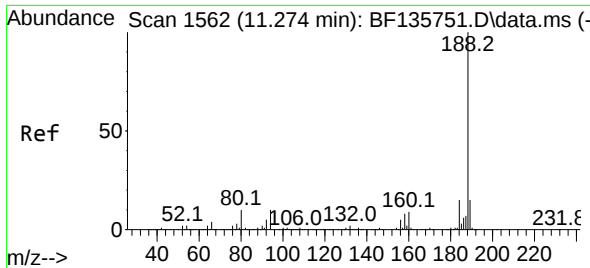
Tgt Ion:165 Resp: 23687
Ion Ratio Lower Upper
165 100
63 1.2 62.2 93.4#
89 0.8 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.907 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion:165 Resp: 23687
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.4#
89 0.8 55.9 83.9#
182 0.0 2.0 3.0#

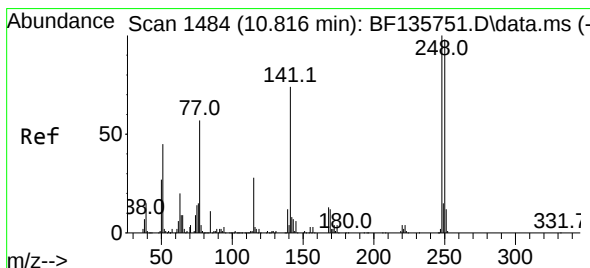
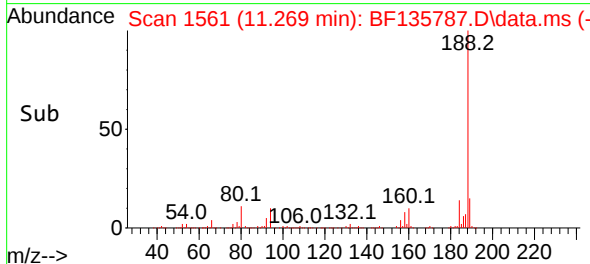
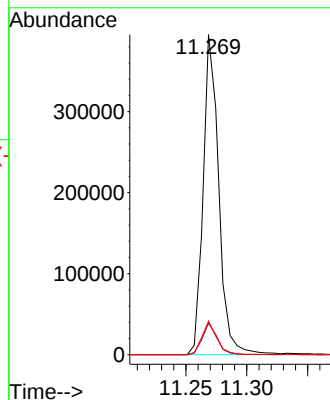
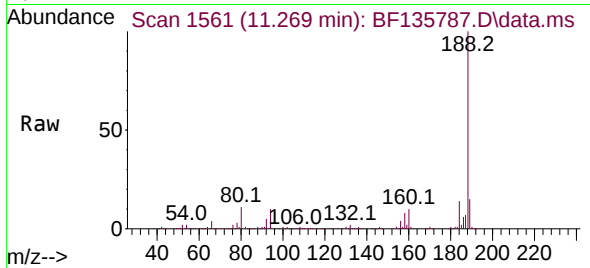




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

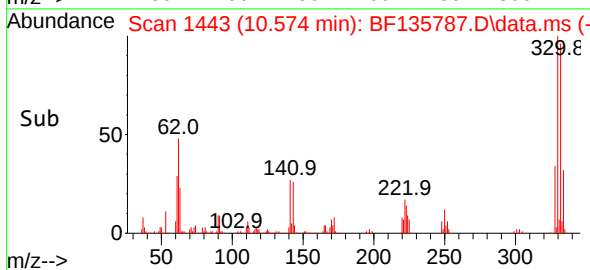
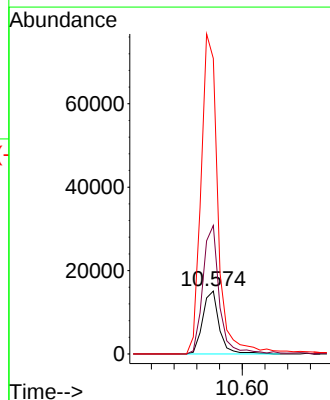
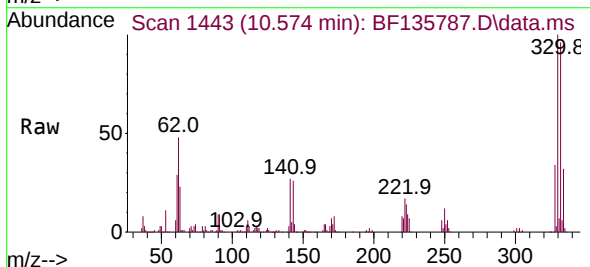
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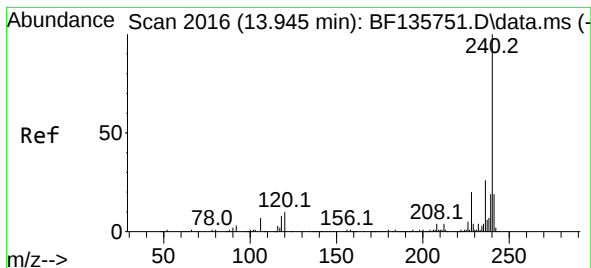
Tgt Ion:188 Resp: 352277
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion:248 Resp: 15226
Ion Ratio Lower Upper
248 100
250 204.3 78.0 117.0#
141 470.1 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: BF135787.D

Acq: 16 Oct 2023 20:52

Instrument :

BNA_F

ClientSampleId :

MW-101I

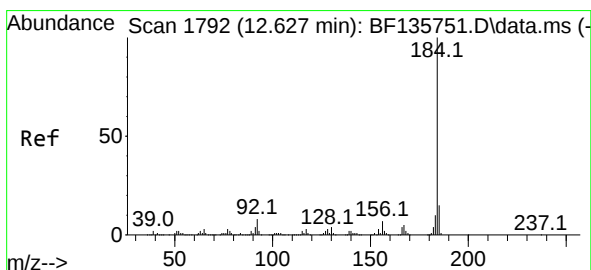
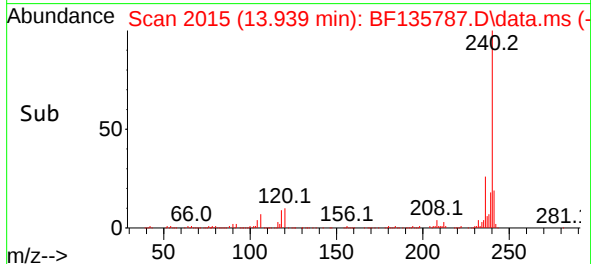
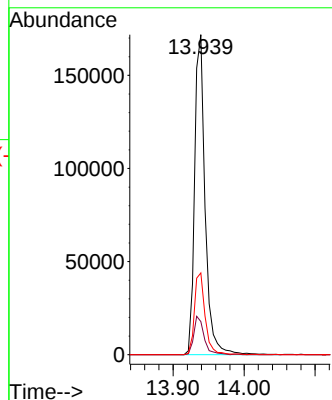
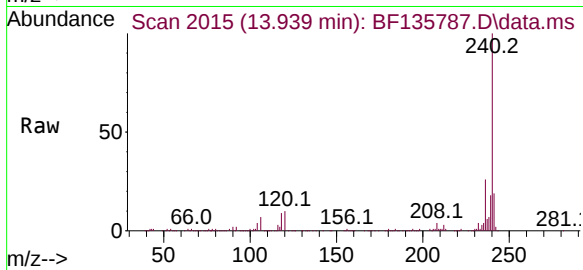
Tgt Ion:240 Resp: 177481

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.6 21.2 31.8



#77

Benzidine

Concen: 3.597 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135787.D

Acq: 16 Oct 2023 20:52

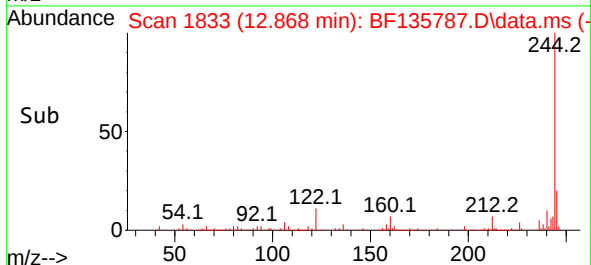
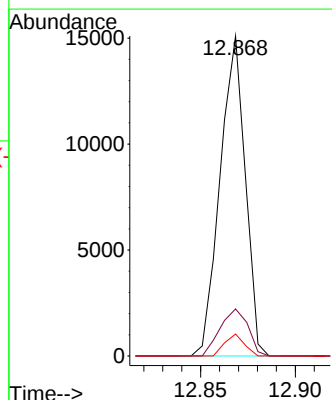
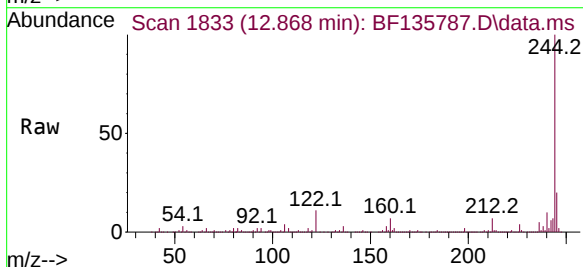
Tgt Ion:184 Resp: 13929

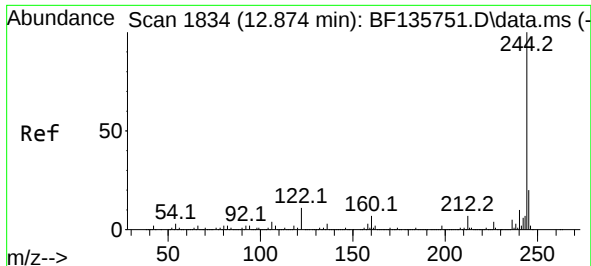
Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

183 6.8 8.2 12.2#

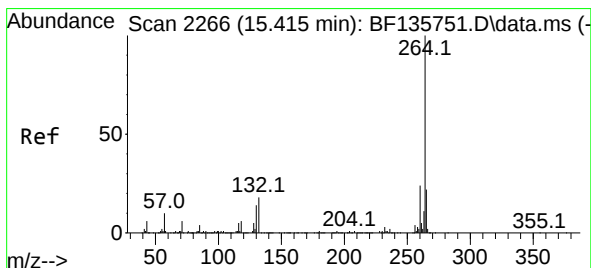
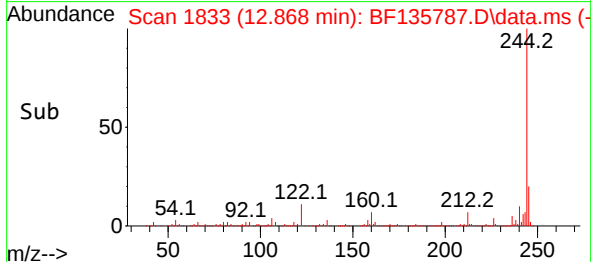
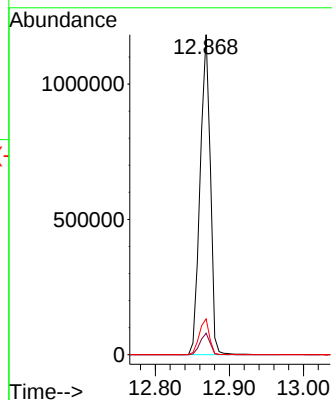
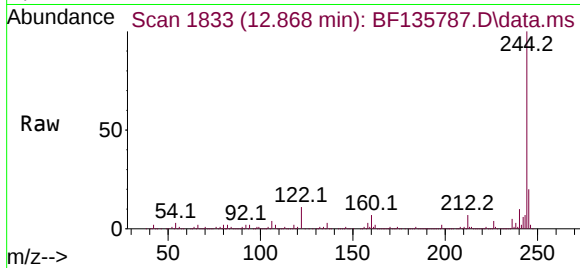




#79
 Terphenyl-d14
 Concen: 117.527 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135787.D
 Acq: 16 Oct 2023 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tgt Ion:244 Resp: 1126340
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135787.D
 Acq: 16 Oct 2023 20:52

Tgt Ion:264 Resp: 204811
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 21.3 17.4 26.2

