

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139366.D
 Acq On : 14 Sep 2024 13:51
 Operator : RC/JU
 Sample : P3956-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Sep 16 01:55:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

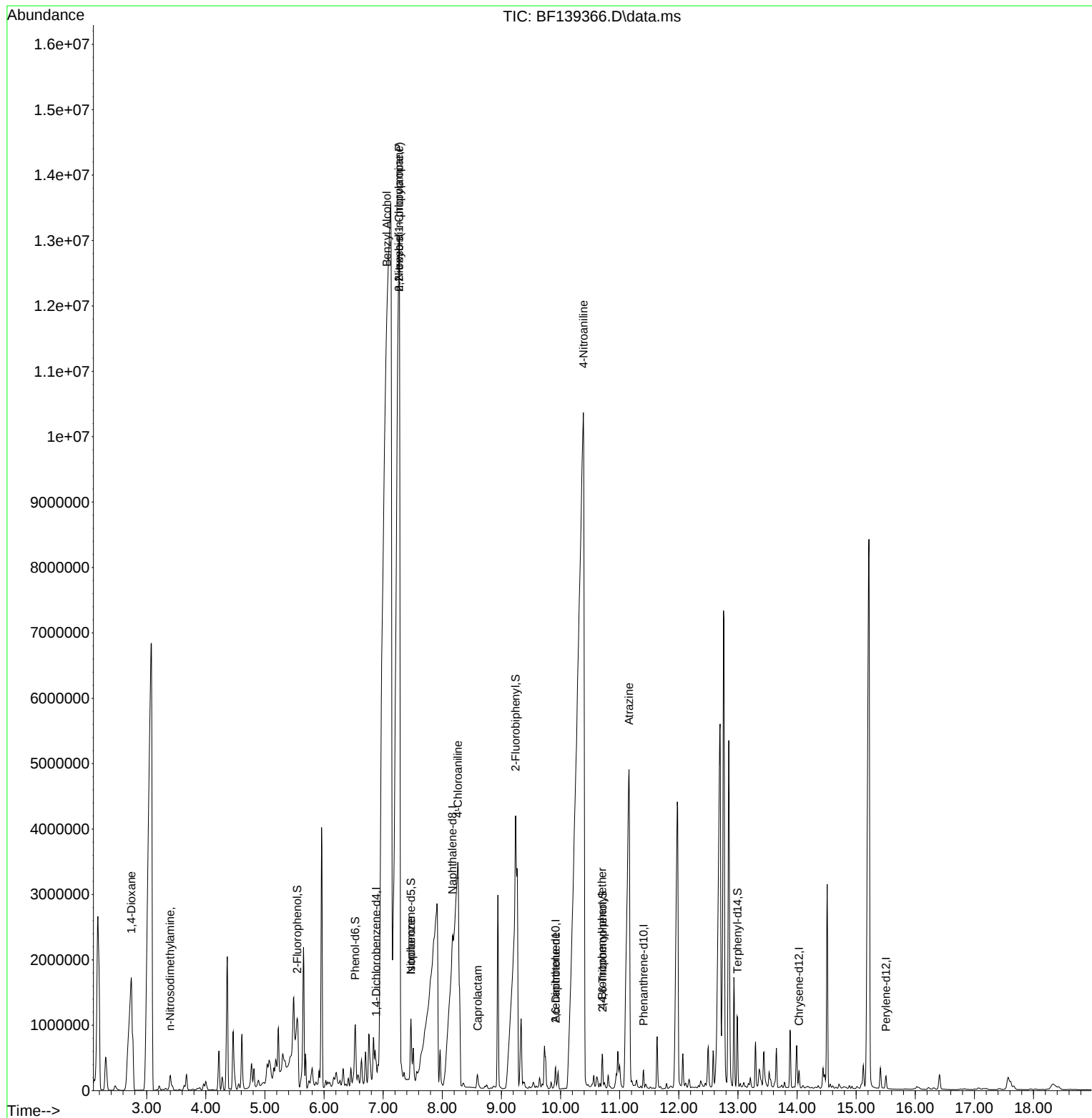
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	49342	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	178014	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	87129	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	140323	20.000	ng	0.00
76) Chrysene-d12	14.033	240	108974	20.000	ng	0.00
86) Perylene-d12	15.504	264	109779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	120526	39.848	ng	0.05
7) Phenol-d6	6.528	99	9401	2.368	ng	0.02
23) Nitrobenzene-d5	7.469	82	319198	84.297	ng	0.02
42) 2,4,6-Tribromophenol	10.710	330	70741	76.263	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	583664	93.953	ng	0.00
79) Terphenyl-d14	12.992	244	515357	77.624	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	1922869	1584.586	ng	91
4) n-Nitrosodimethylamine	3.399	42	16546	7.135	ng	# 12
15) Benzyl Alcohol	7.063	79	52703	16.639	ng	# 42
16) 2,2'-oxybis(1-Chloropr...	7.269	45	322567	68.106	ng	71
19) n-Nitroso-di-n-propyla...	7.269	70	1492985	634.616	ng	# 83
25) Isophorone	7.469	82	319198	53.301	ng	# 67
33) 4-Chloroaniline	8.263	127	9101	3.201	ng	# 21
35) Caprolactam	8.598	113	2954	3.774	ng	# 1
51) 2,6-Dinitrotoluene	9.916	165	12959	10.229	ng	# 16
62) 4-Nitroaniline	10.386	138	330295	239.036	ng	# 12
67) 4-Bromophenyl-phenylether	10.704	248	5160	3.711	ng	# 1
69) Atrazine	11.157	200	12590	12.890	ng	# 47

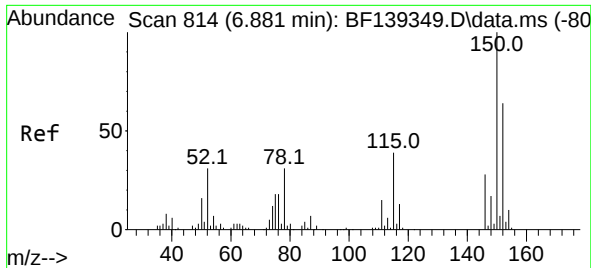
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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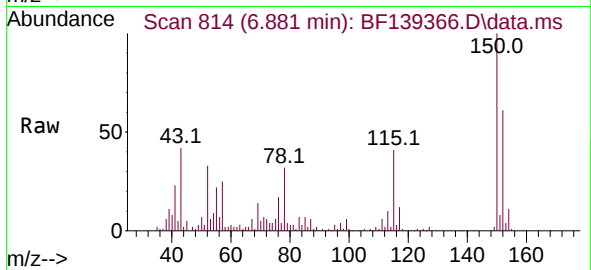
Quant Time: Sep 16 01:55:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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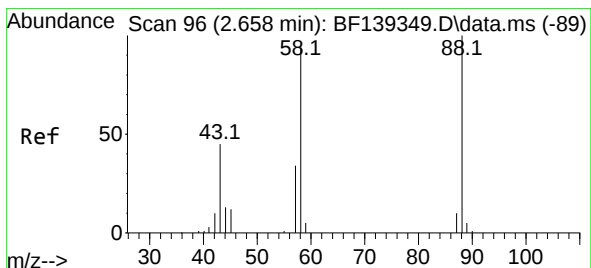
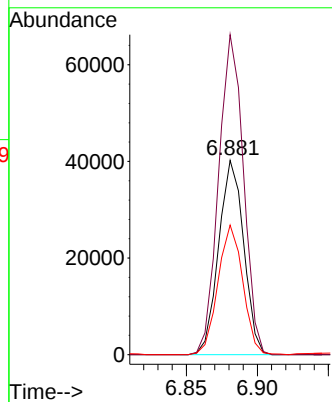
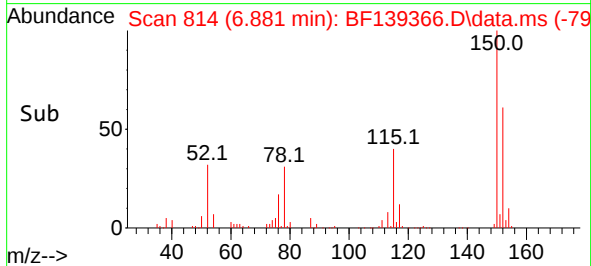


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Instrument :
BNA_F
ClientSampleId :
EFF-WW

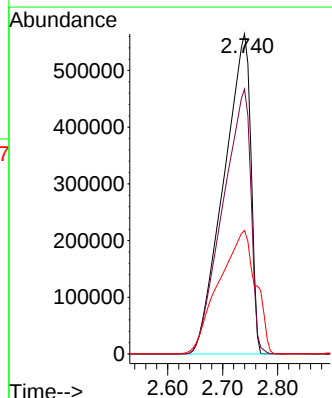
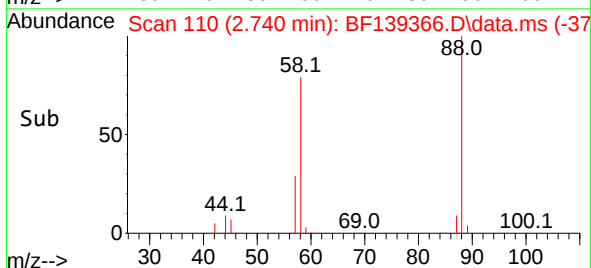
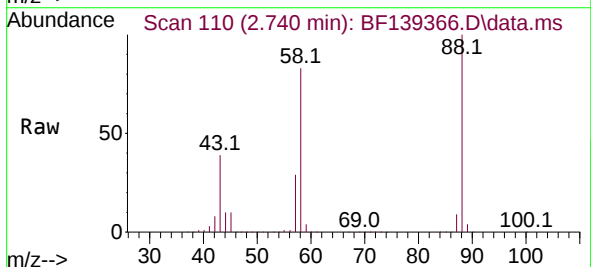


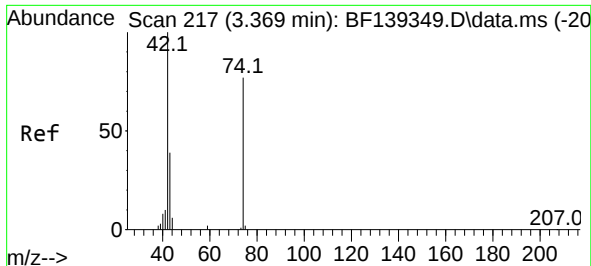
Tgt Ion:152 Resp: 49342
Ion Ratio Lower Upper
152 100
150 164.7 124.1 186.1
115 66.7 48.1 72.1



#2
1,4-Dioxane
Concen: 1584.586 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.082 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion: 88 Resp: 1922869
Ion Ratio Lower Upper
88 100
58 86.2 74.8 112.2
43 52.6 36.4 54.6

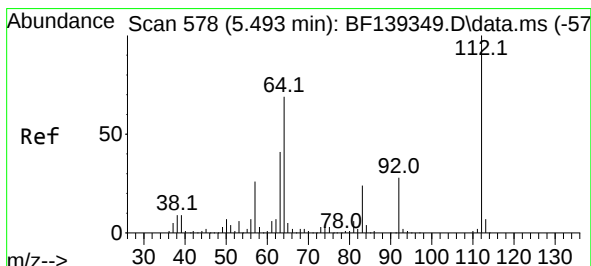
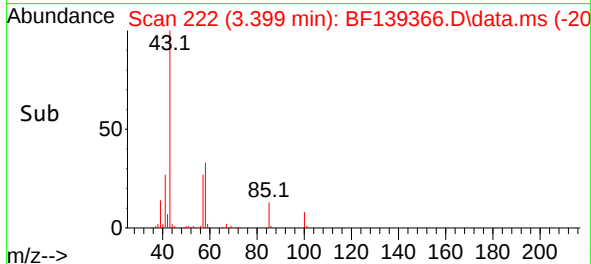
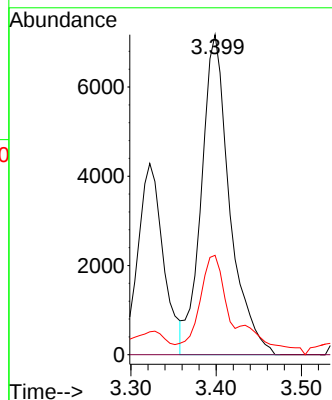
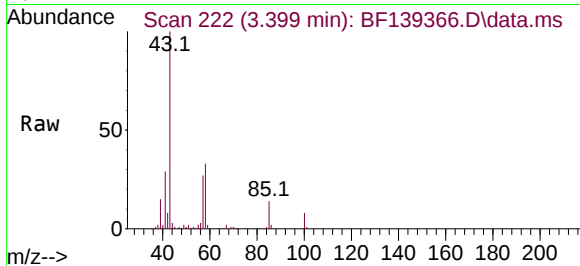




#4
n-Nitrosodimethylamine
Concen: 7.135 ng
RT: 3.399 min Scan# 217
Delta R.T. 0.029 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

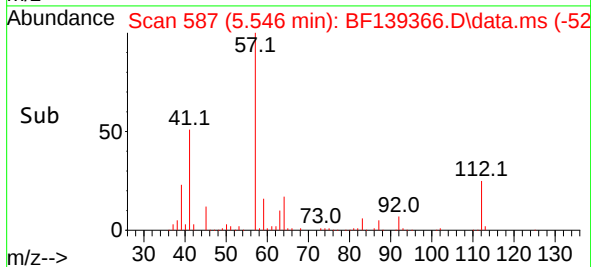
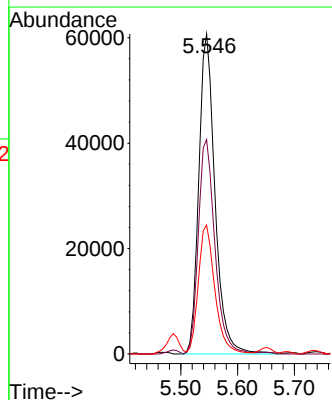
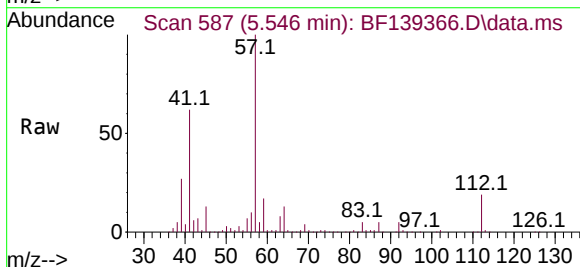
Instrument :
BNA_F
ClientSampleId :
EFF-WW

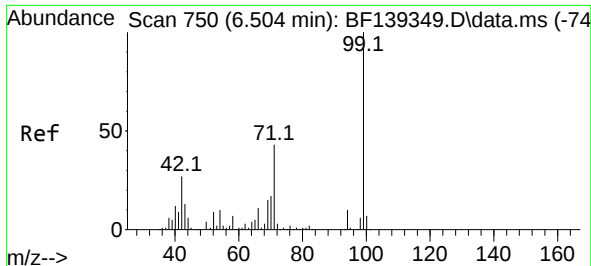
Tgt Ion: 42 Resp: 16546
Ion Ratio Lower Upper
42 100
74 0.0 61.8 92.8#
44 31.0 4.8 7.2#



#5
2-Fluorophenol
Concen: 39.848 ng
RT: 5.546 min Scan# 587
Delta R.T. 0.053 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion: 112 Resp: 120526
Ion Ratio Lower Upper
112 100
64 67.0 54.8 82.2
63 40.3 33.0 49.4





#7
Phenol-d6
Concen: 2.368 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

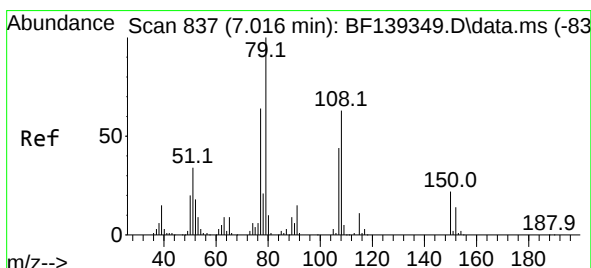
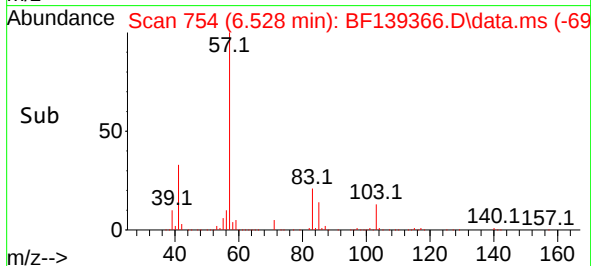
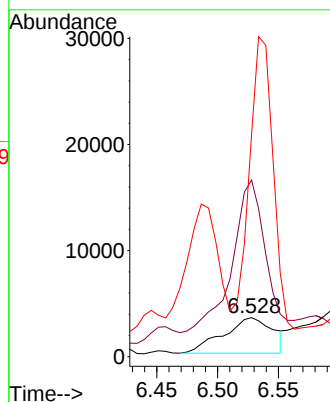
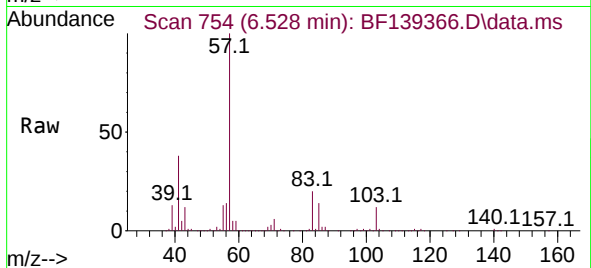
Instrument :

BNA_F

ClientSampleId :

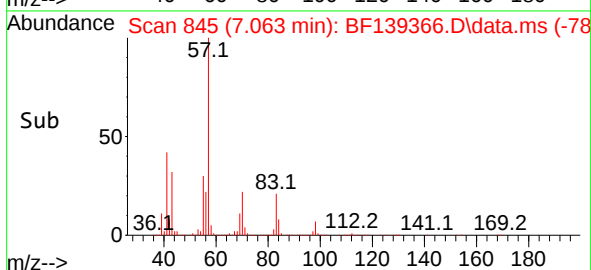
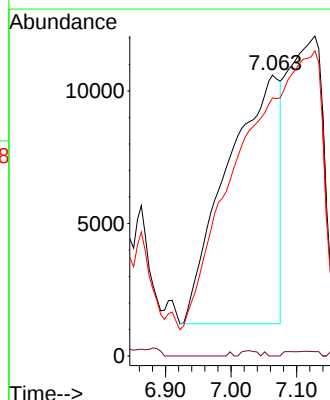
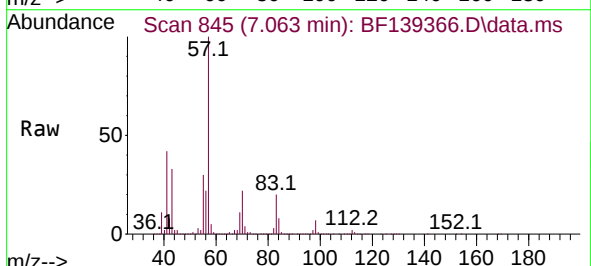
EFF-WW

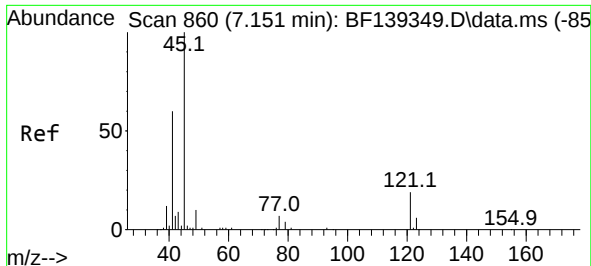
Tgt Ion: 99 Resp: 9401
Ion Ratio Lower Upper
99 100
42 452.4 21.9 32.9#
71 568.3 34.6 52.0#



#15
Benzyl Alcohol
Concen: 16.639 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.047 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion: 79 Resp: 52703
Ion Ratio Lower Upper
79 100
108 0.0 50.4 75.6#
77 91.8 51.4 77.2#

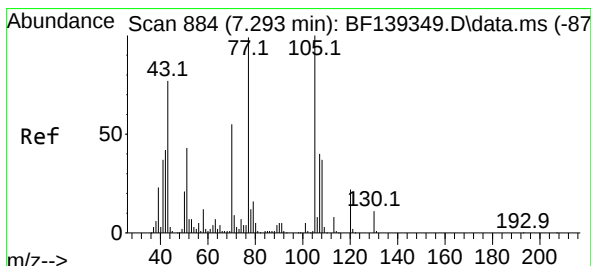
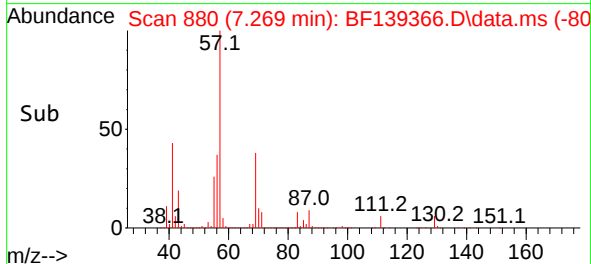
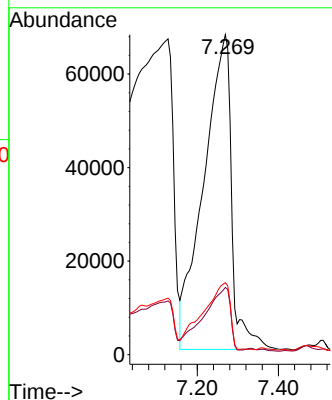
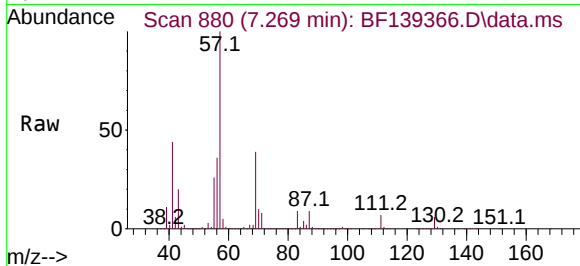




#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.106 ng
RT: 7.269 min Scan# 80
Delta R.T. 0.118 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

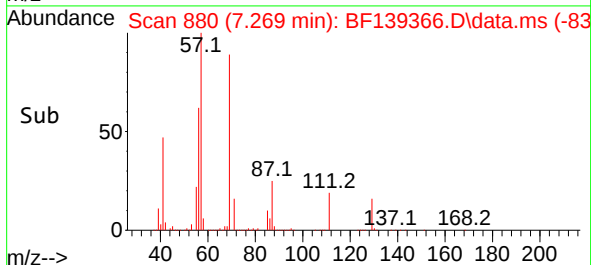
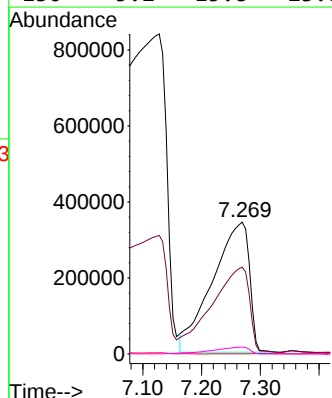
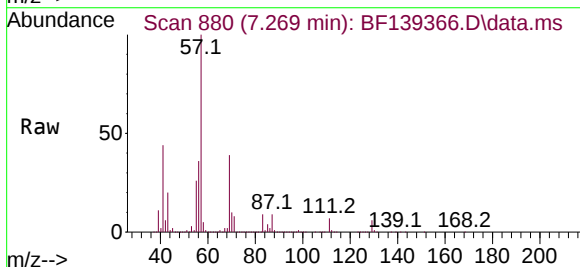
Instrument :
BNA_F
ClientSampleId :
EFF-WW

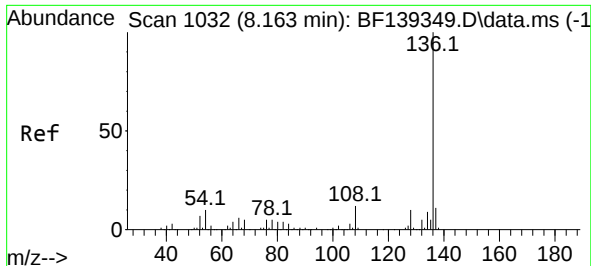
Tgt Ion: 45 Resp: 322567
Ion Ratio Lower Upper
45 100
77 21.0 0.0 32.0
79 22.5 0.0 29.1



#19
n-Nitroso-di-n-propylamine
Concen: 634.616 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.024 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion: 70 Resp: 1492985
Ion Ratio Lower Upper
70 100
42 65.9 61.2 91.8
101 0.1 7.5 11.3#
130 5.2 15.8 23.8#

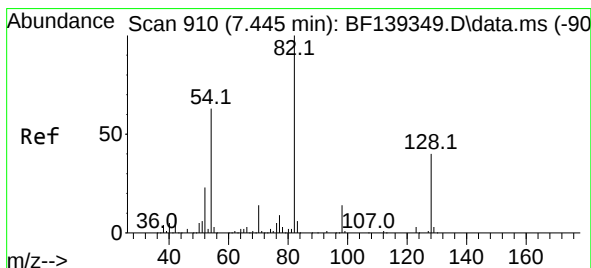
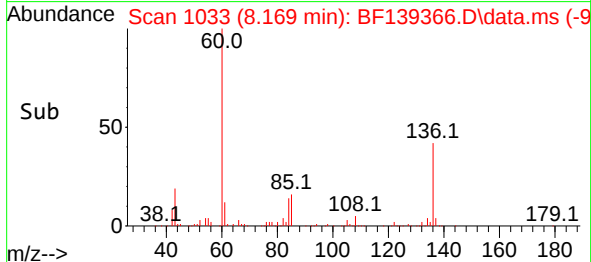
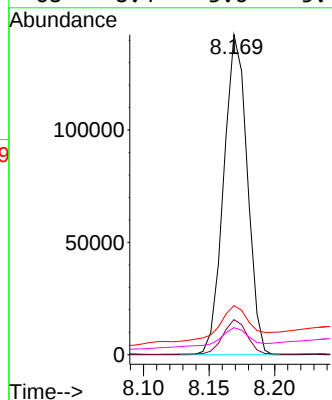
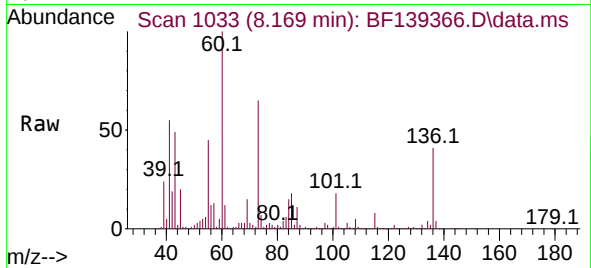




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

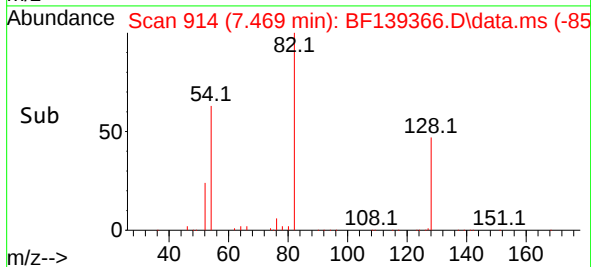
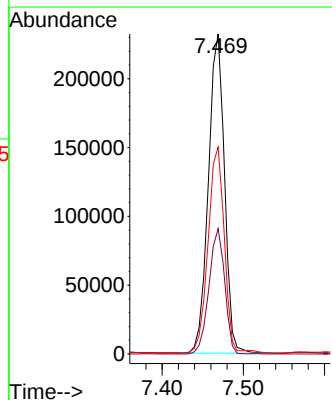
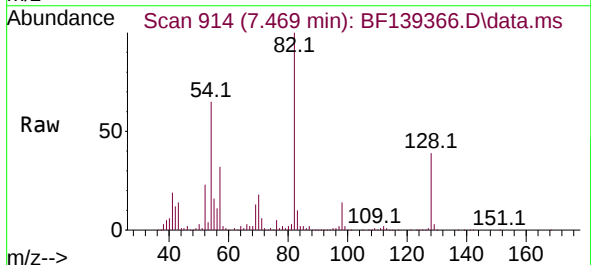
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EFF-WW

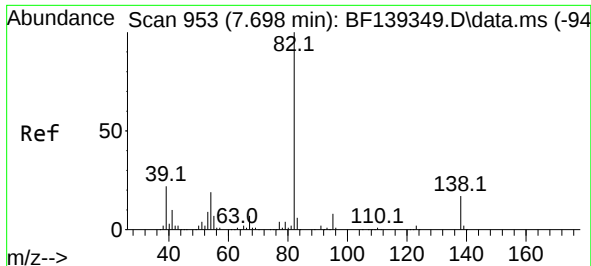
Tgt Ion:136 Resp: 178014
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 15.4 7.8 11.8#
68 8.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 84.297 ng
RT: 7.469 min Scan# 914
Delta R.T. 0.023 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion: 82 Resp: 319198
Ion Ratio Lower Upper
82 100
128 39.2 31.8 47.6
54 64.6 50.6 75.8

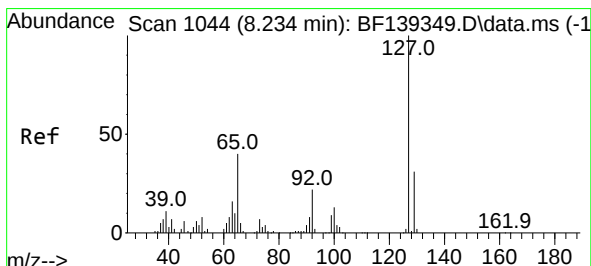
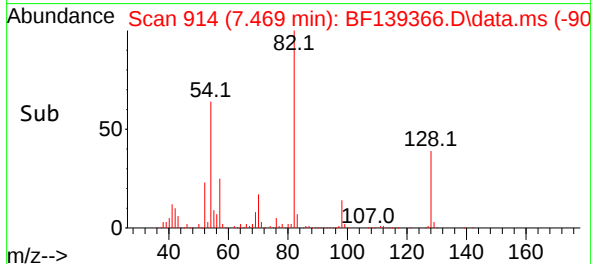
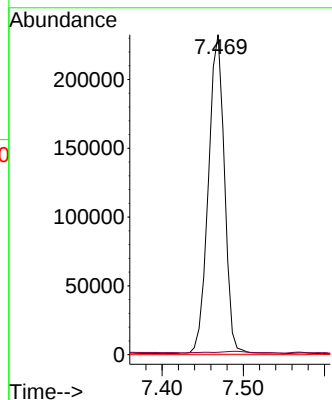
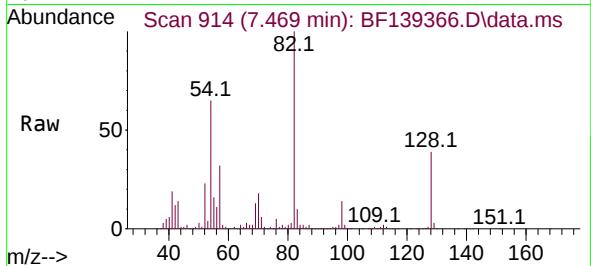




#25
Isophorone
Concen: 53.301 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.229 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

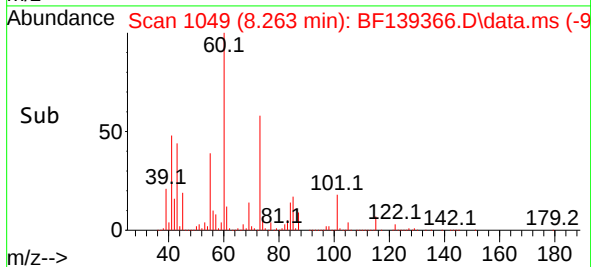
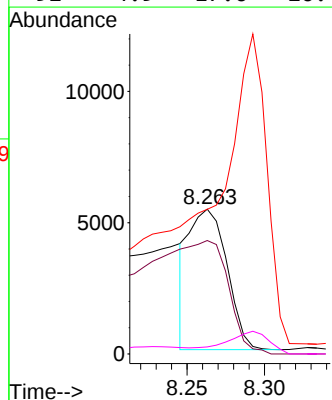
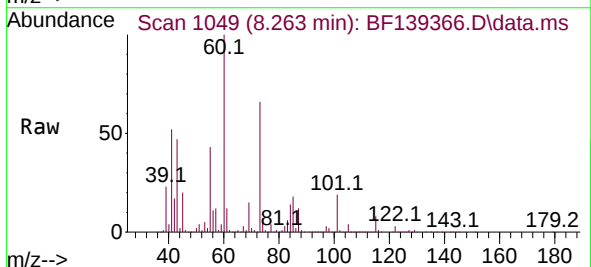
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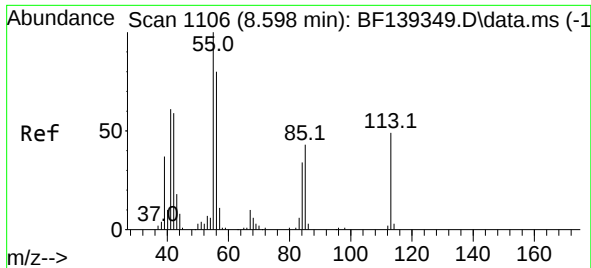
Tgt Ion: 82 Resp: 319198
Ion Ratio Lower Upper
82 100
95 0.7 6.7 10.1#
138 0.0 13.3 19.9#



#33
4-Chloroaniline
Concen: 3.201 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.029 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion: 127 Resp: 9101
Ion Ratio Lower Upper
127 100
129 78.3 25.5 38.3#
65 99.8 31.5 47.3#
92 4.9 17.6 26.4#

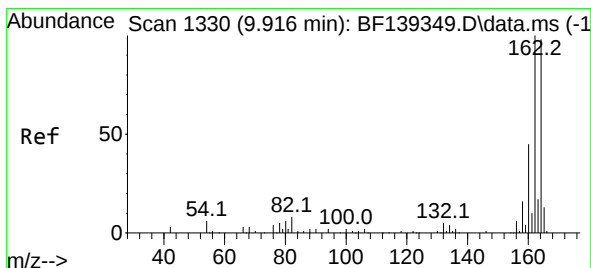
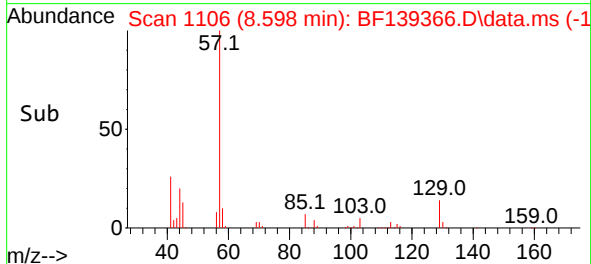
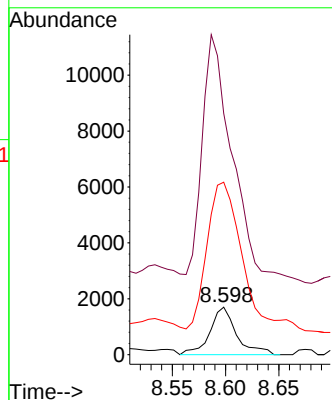
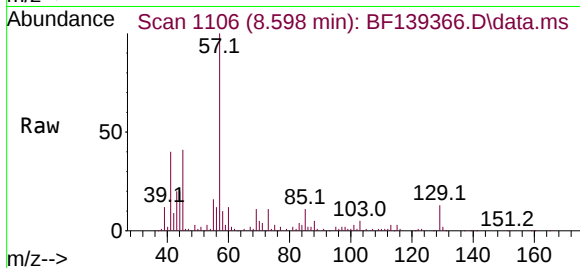




#35
 Caprolactam
 Concen: 3.774 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139366.D
 Acq: 14 Sep 2024 13:51

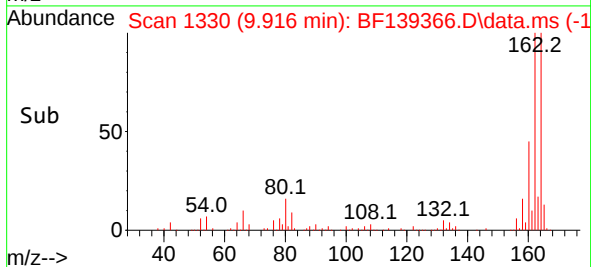
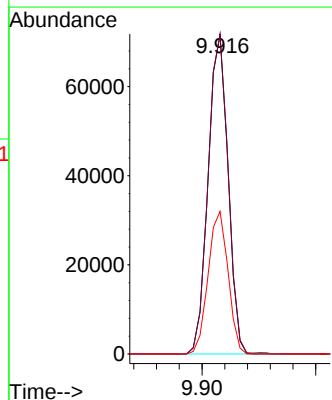
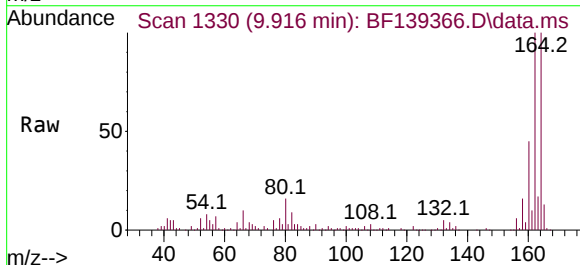
Instrument :
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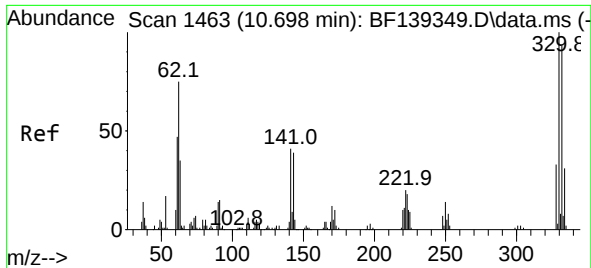
Tgt Ion:113 Resp: 2954
 Ion Ratio Lower Upper
 113 100
 55 508.3 186.1 226.1#
 56 363.5 144.9 184.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: BF139366.D
 Acq: 14 Sep 2024 13:51

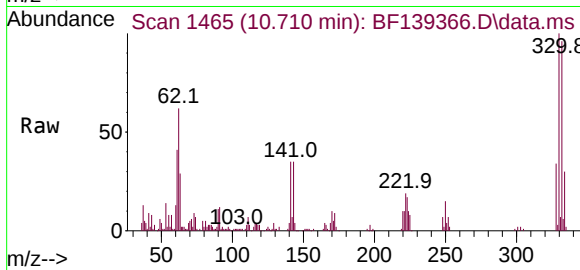
Tgt Ion:164 Resp: 87129
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.3 121.9
 160 44.8 36.4 54.6



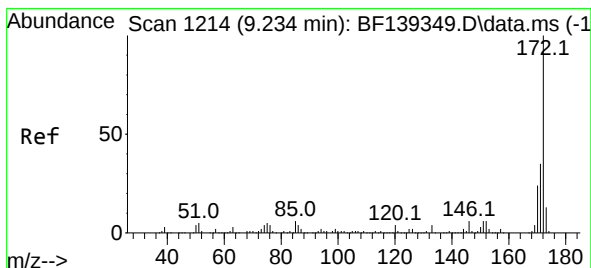
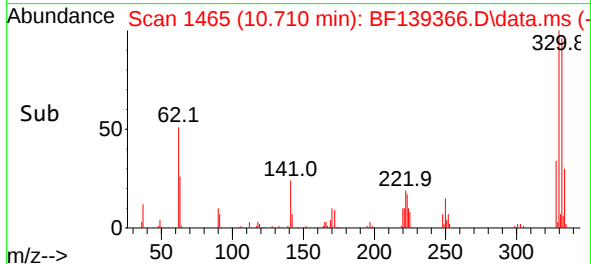
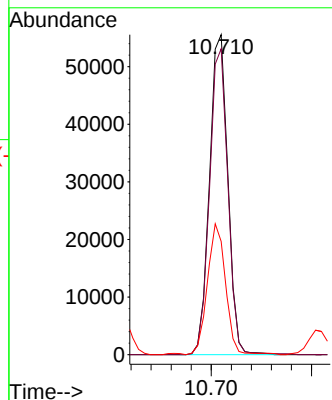


#42
2,4,6-Tribromophenol
Concen: 76.263 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Instrument :
BNA_F
ClientSampleId :
EFF-WW

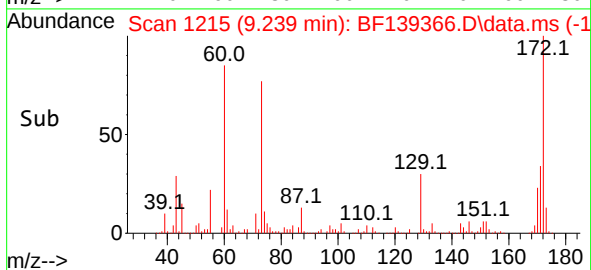
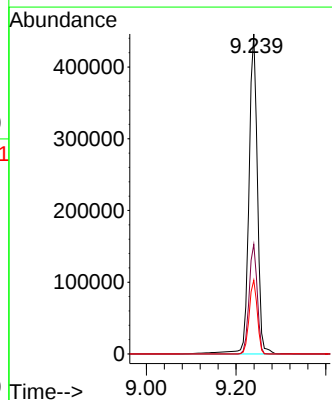
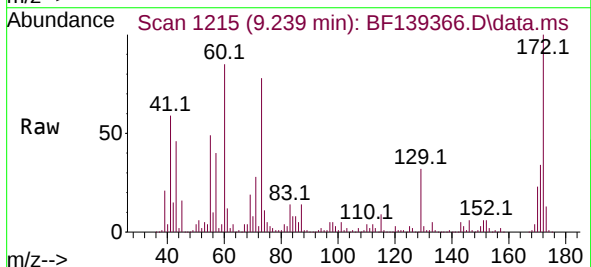


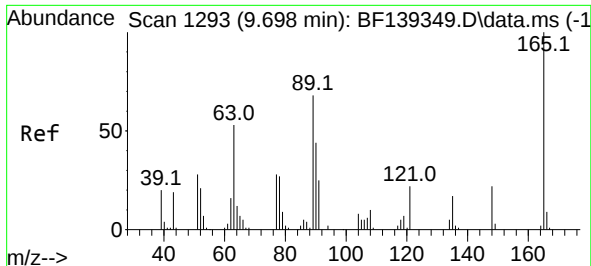
Tgt Ion:330 Resp: 70741
Ion Ratio Lower Upper
330 100
332 95.8 75.2 112.8
141 40.3 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 93.953 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion:172 Resp: 583664
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.229 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF139366.D

Acq: 14 Sep 2024 13:51

Instrument :

BNA_F

ClientSampleId :

EFF-WW

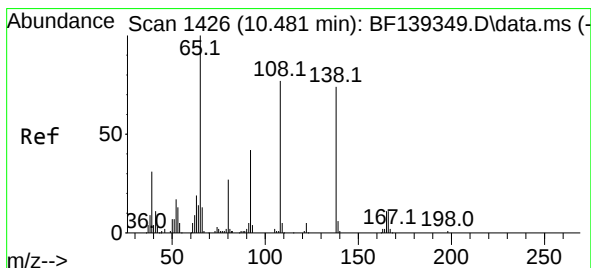
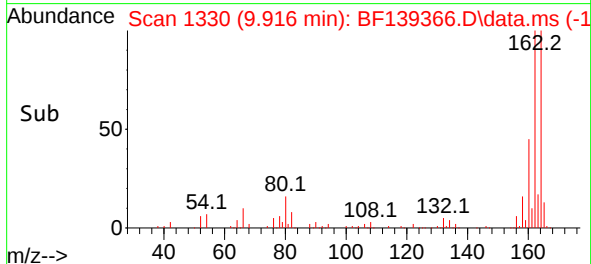
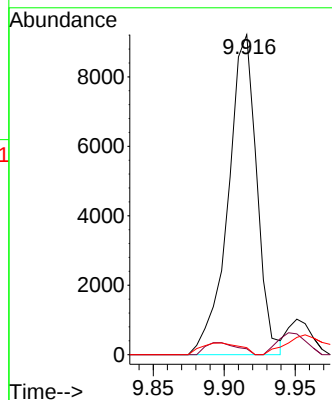
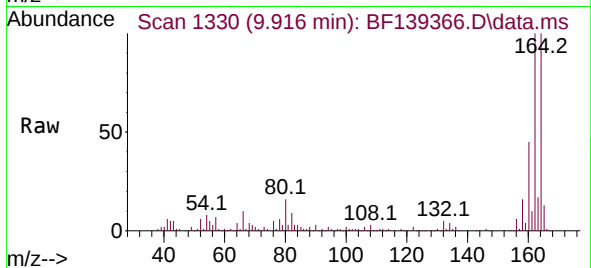
Tgt Ion:165 Resp: 12959

Ion Ratio Lower Upper

165 100

63 1.9 60.9 91.3#

89 2.2 54.7 82.1#



#62

4-Nitroaniline

Concen: 239.036 ng

RT: 10.386 min Scan# 1410

Delta R.T. -0.094 min

Lab File: BF139366.D

Acq: 14 Sep 2024 13:51

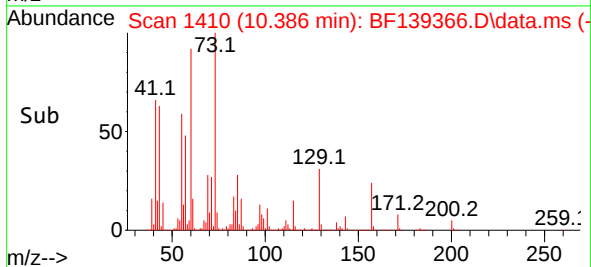
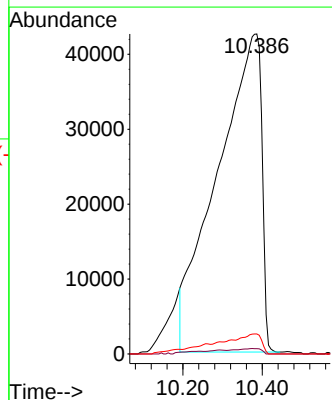
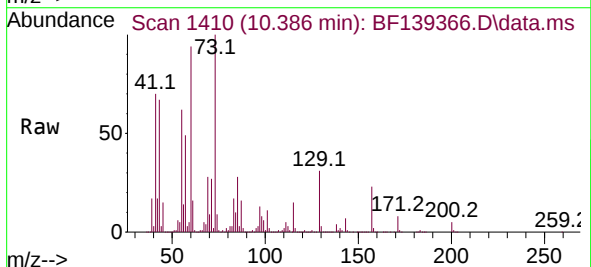
Tgt Ion:138 Resp: 330295

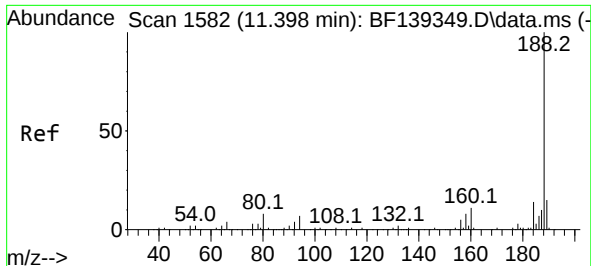
Ion Ratio Lower Upper

138 100

92 1.7 37.0 77.0#

108 6.3 84.4 124.4#

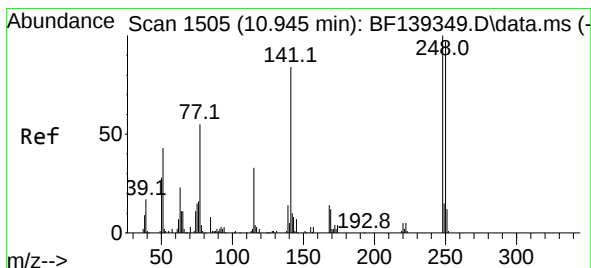
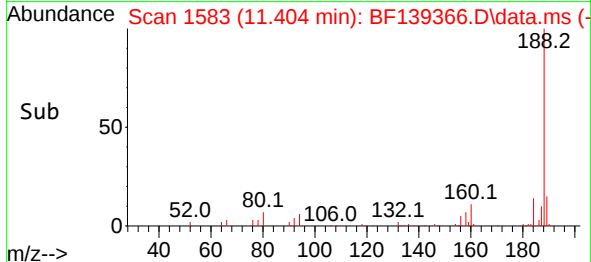
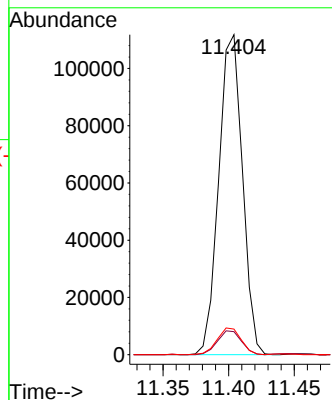
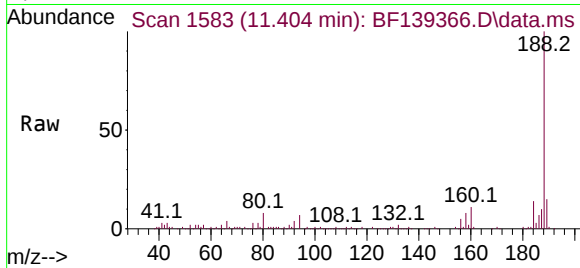




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

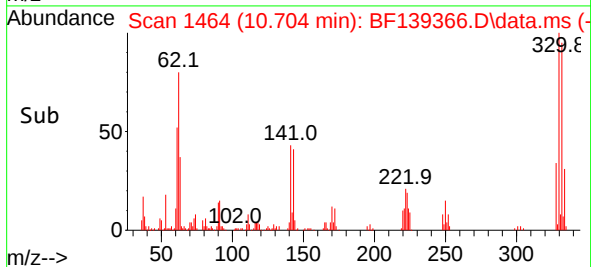
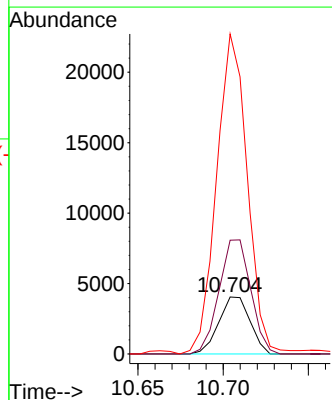
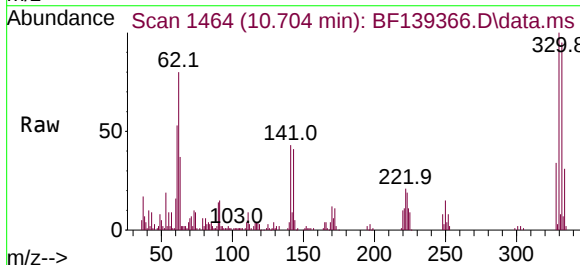
Instrument :
BNA_F
ClientSampleId :
EFF-WW

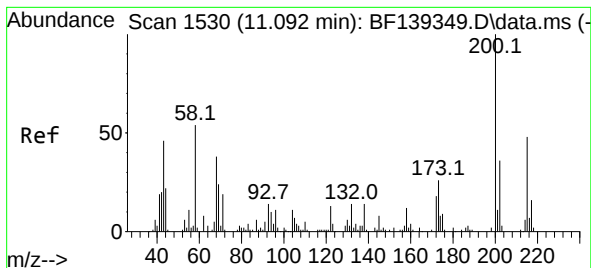
Tgt Ion:188 Resp: 140323
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.0 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 3.711 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF139366.D
Acq: 14 Sep 2024 13:51

Tgt Ion:248 Resp: 5160
Ion Ratio Lower Upper
248 100
250 199.8 77.6 116.4#
141 562.1 66.9 100.3#





#69

Atrazine

Concen: 12.890 ng

RT: 11.157 min Scan# 11

Delta R.T. 0.065 min

Lab File: BF139366.D

Acq: 14 Sep 2024 13:51

Instrument :

BNA_F

ClientSampleId :

EFF-WW

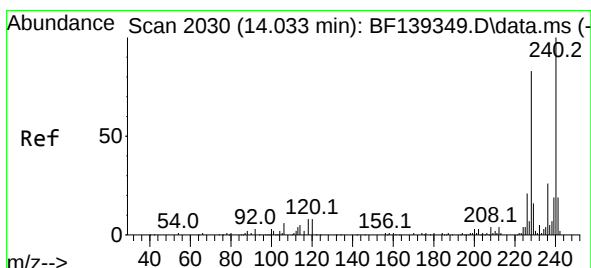
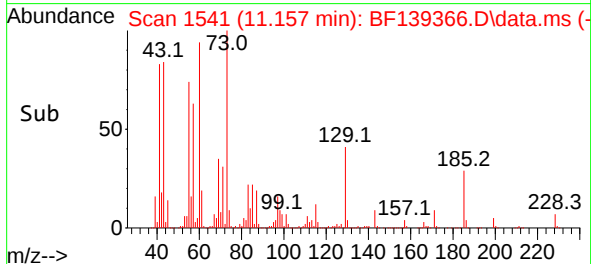
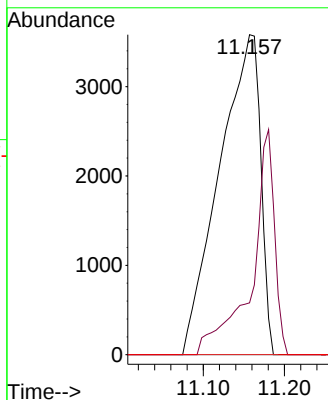
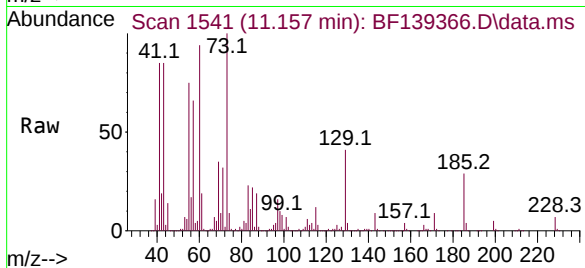
Tgt Ion:200 Resp: 12590

Ion Ratio Lower Upper

200 100

173 16.2 6.1 46.1

215 0.0 28.2 68.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139366.D

Acq: 14 Sep 2024 13:51

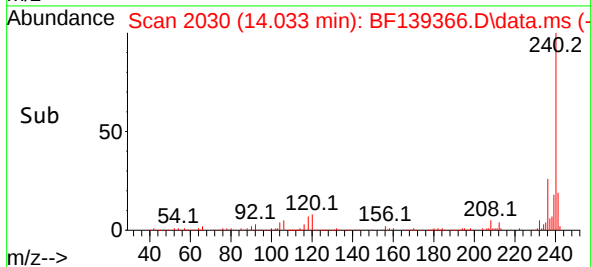
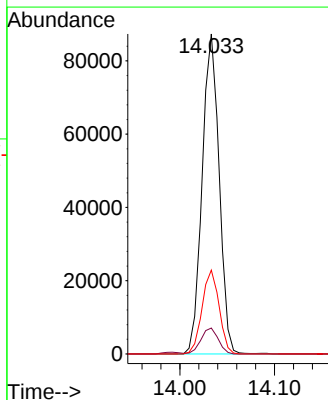
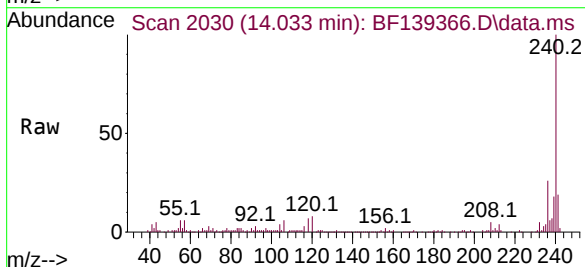
Tgt Ion:240 Resp: 108974

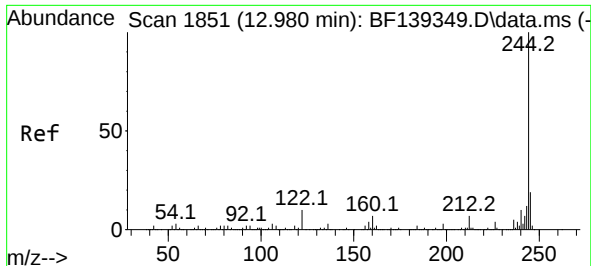
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

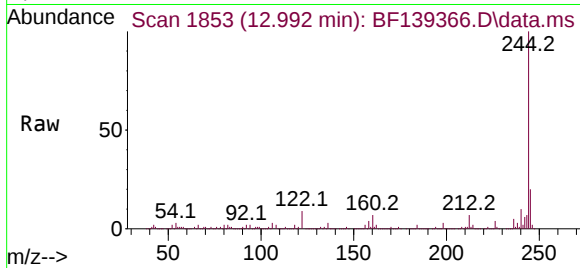
236 26.2 20.9 31.3



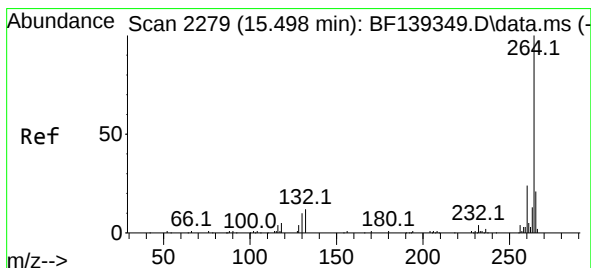
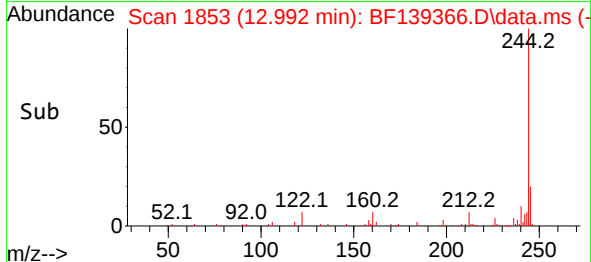
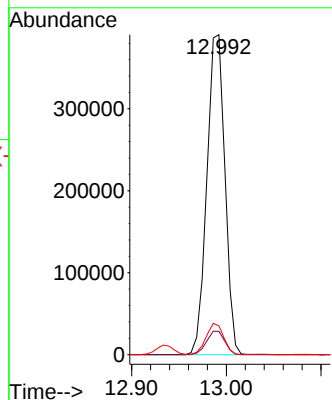


#79
 Terphenyl-d14
 Concen: 77.624 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. 0.012 min
 Lab File: BF139366.D
 Acq: 14 Sep 2024 13:51

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW



Tgt Ion:244 Resp: 515357
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139366.D
 Acq: 14 Sep 2024 13:51

Tgt Ion:264 Resp: 109779
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.2 16.6 25.0

