

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139211.D
 Acq On : 28 Aug 2024 17:20
 Operator : RC/JU
 Sample : P3739-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Aug 28 17:44:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

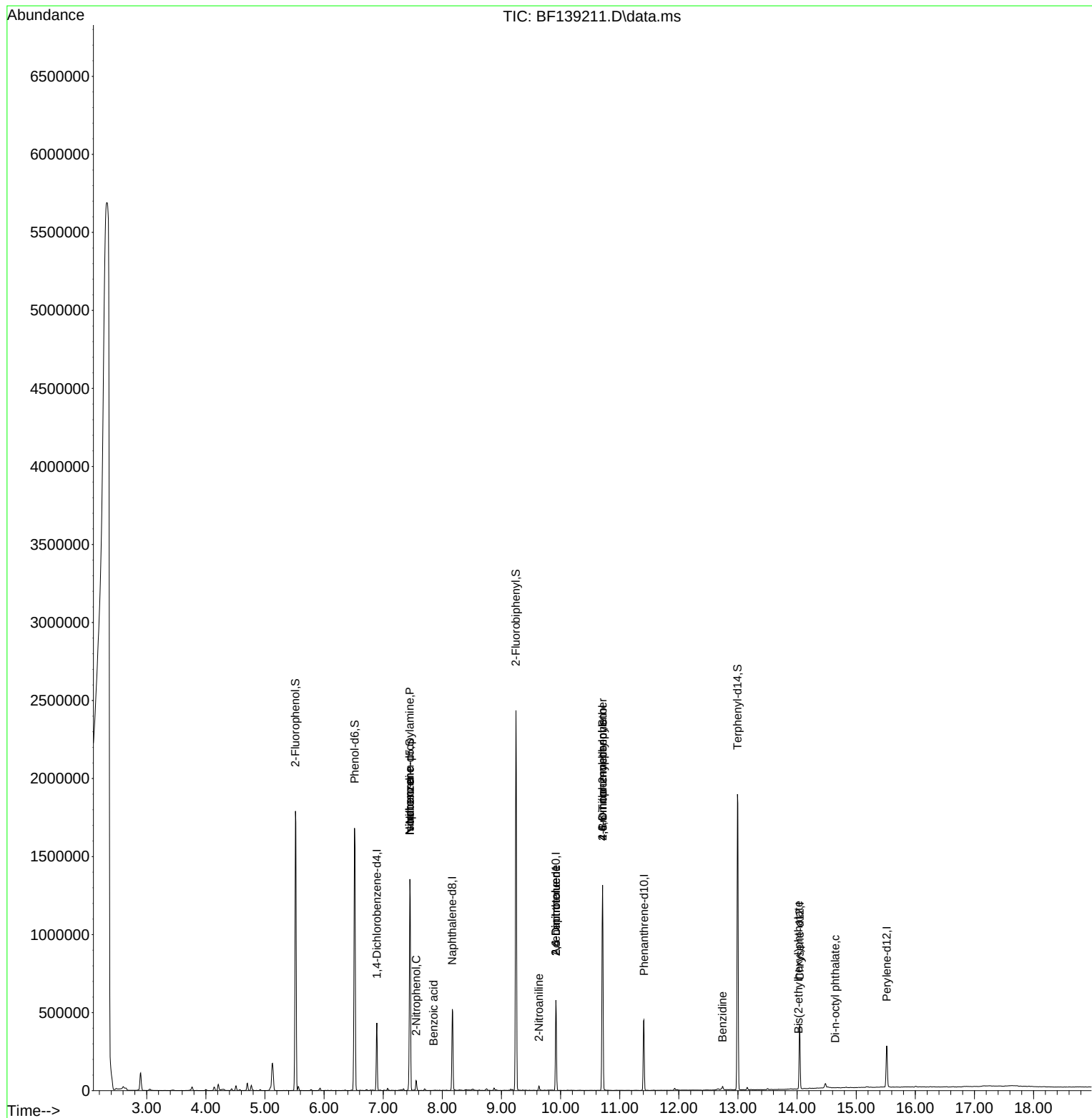
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	82517	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	306840	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162749	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	238082	20.000	ng	0.00
76) Chrysene-d12	14.045	240	188688	20.000	ng	0.00
86) Perylene-d12	15.515	264	154609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	643038	130.947	ng	0.01
7) Phenol-d6	6.516	99	778209	115.470	ng	0.00
23) Nitrobenzene-d5	7.451	82	622437	112.382	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204658	146.828	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1027337	98.054	ng	0.00
79) Terphenyl-d14	12.992	244	942567	77.944	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	86292	21.408	ng	# 78
24) Nitrobenzene	7.451	77	2120	3.562	ng	# 43
25) Isophorone	7.451	82	620838	56.683	ng	# 68
26) 2-Nitrophenol	7.557	139	670	5.249	ng	# 26
32) Benzoic acid	7.851	122	216	9.581	ng	# 93
48) 2-Nitroaniline	9.633	65	54	5.796	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	21363	14.663	ng	# 14
57) 2,4-Dinitrotoluene	9.922	165	21363	13.266	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	437	7.401	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	14438	5.707	ng	# 1
77) Benzidine	12.739	184	12091	3.797	ng	# 98
84) Bis(2-ethylhexyl)phtha...	14.027	149	743	3.352	ng	# 84
85) Di-n-octyl phthalate	14.645	149	171	8.969	ng	# 1

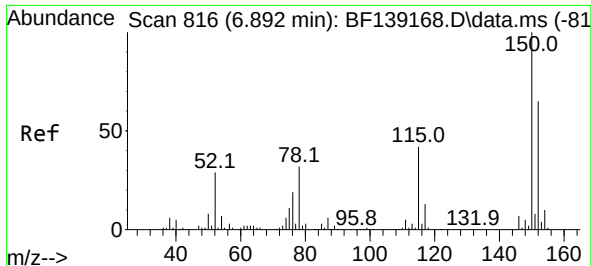
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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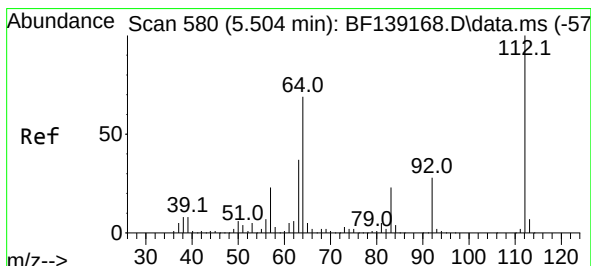
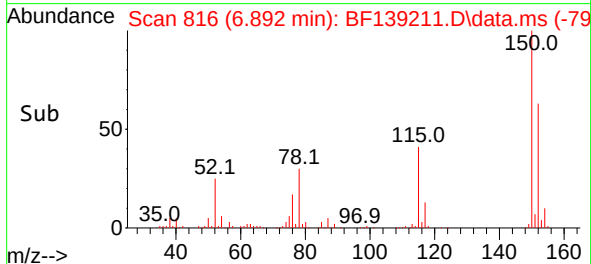
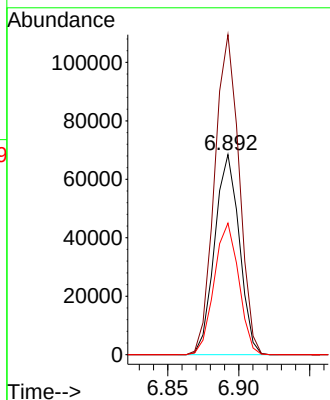
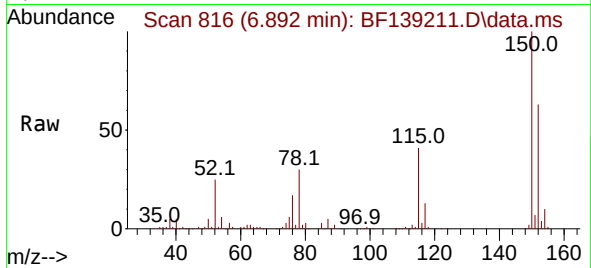




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

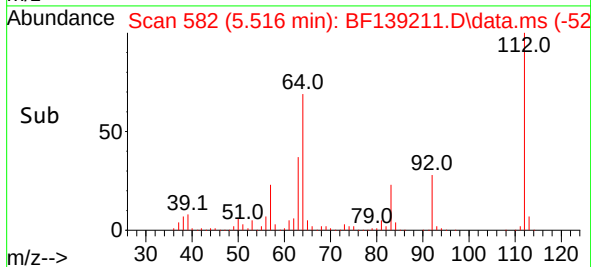
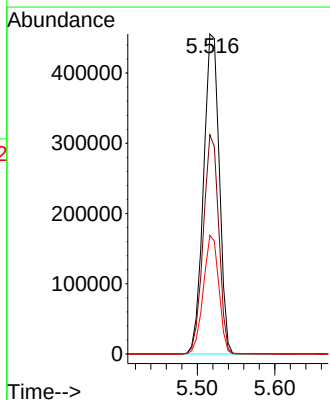
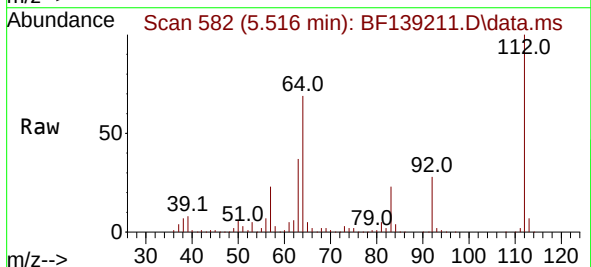
Instrument :
BNA_F
ClientSampleId :
WC-2

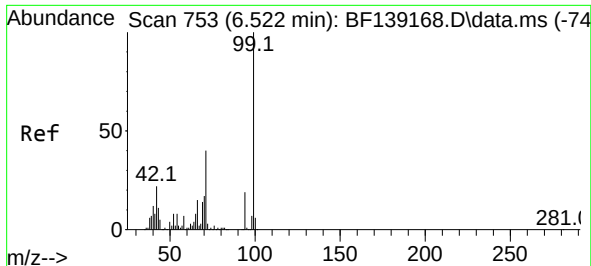
Tgt Ion:152 Resp: 82517
Ion Ratio Lower Upper
152 100
150 159.8 123.7 185.5
115 65.7 51.8 77.8



#5
2-Fluorophenol
Concen: 130.947 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:112 Resp: 643038
Ion Ratio Lower Upper
112 100
64 68.5 55.5 83.3
63 37.0 29.8 44.6

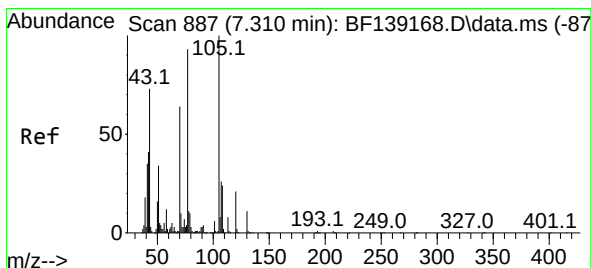
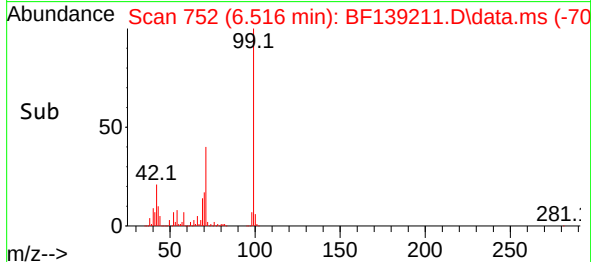
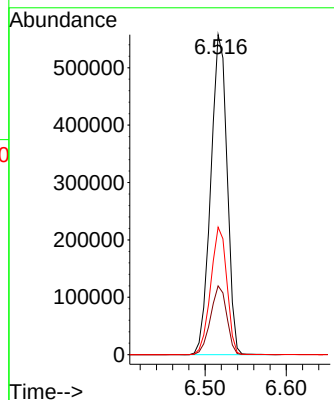
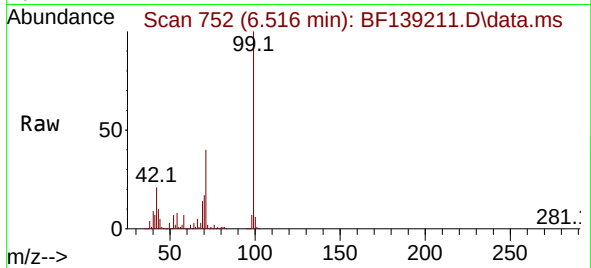




#7
Phenol-d6
Concen: 115.470 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

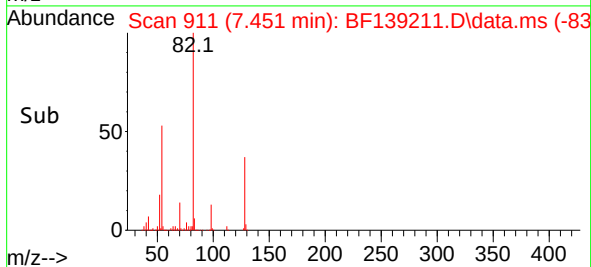
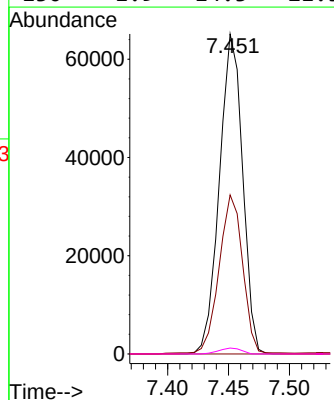
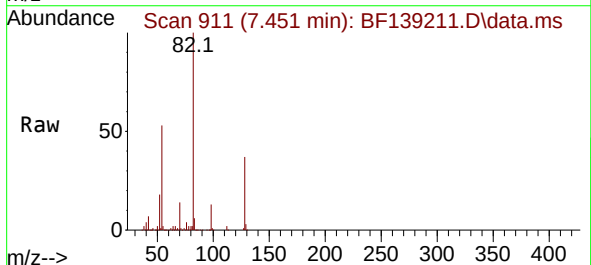
Instrument :
BNA_F
ClientSampleId :
WC-2

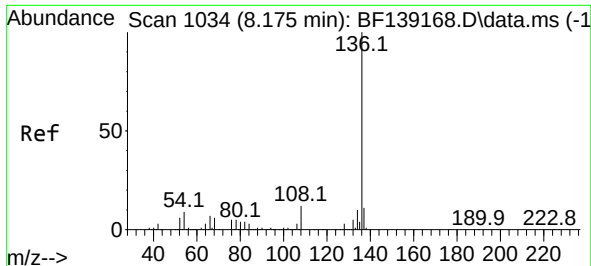
Tgt Ion: 99 Resp: 778209
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.8 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.408 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 70 Resp: 86292
Ion Ratio Lower Upper
70 100
42 49.7 50.8 76.2#
101 0.0 7.4 11.0#
130 1.9 14.3 21.5#

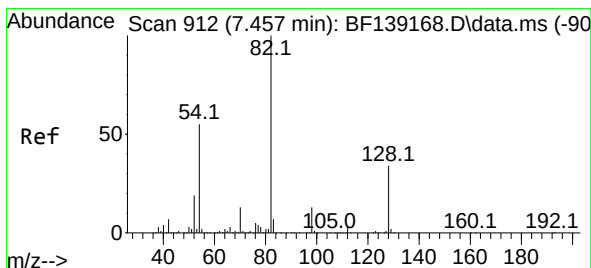
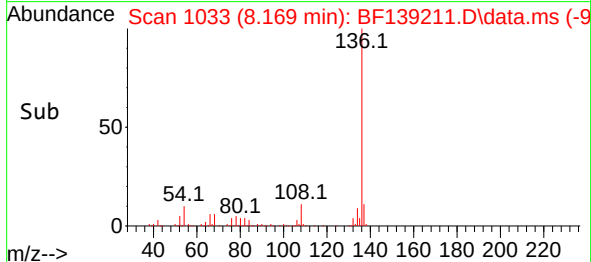
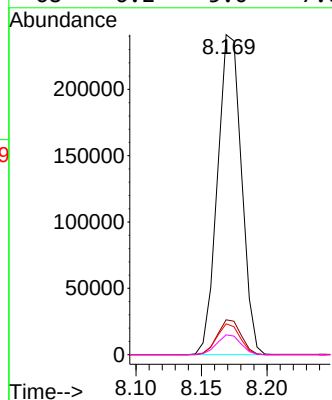
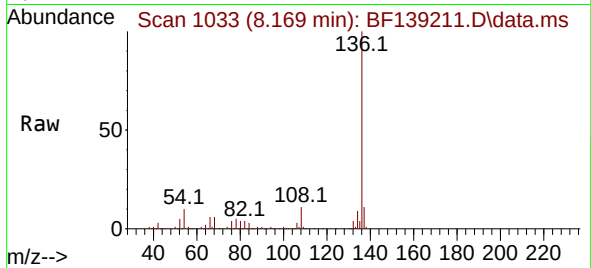




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

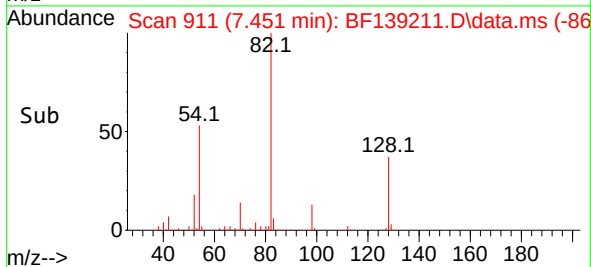
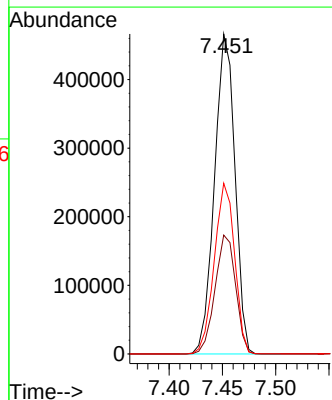
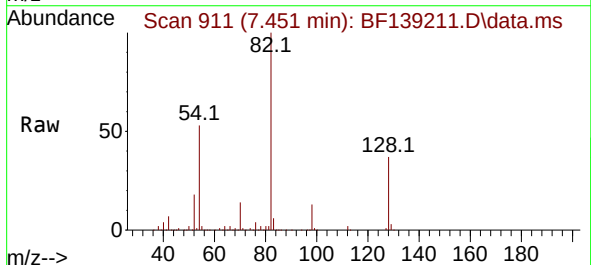
Instrument :
BNA_F
ClientSampleId :
WC-2

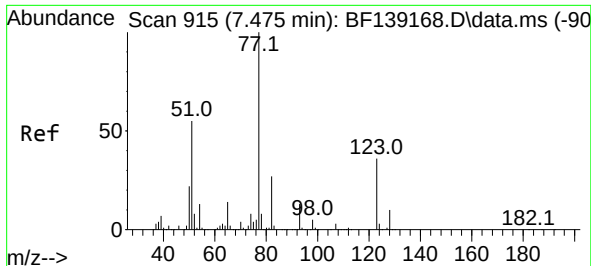
Tgt Ion:	136	Resp:	306840
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	9.6	7.6	11.4
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 112.382 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:	82	Resp:	622437
Ion Ratio	Lower	Upper	
82	100		
128	37.1	27.1	40.7
54	53.4	44.2	66.4

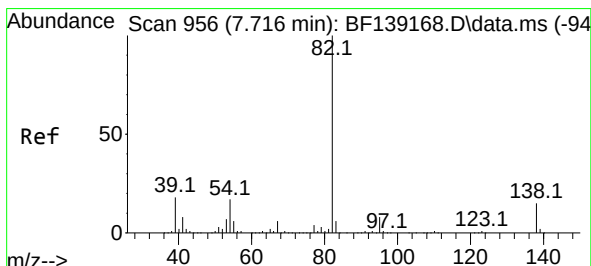
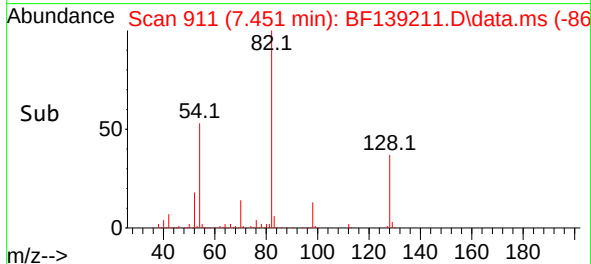
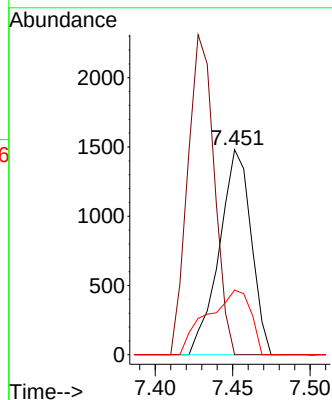
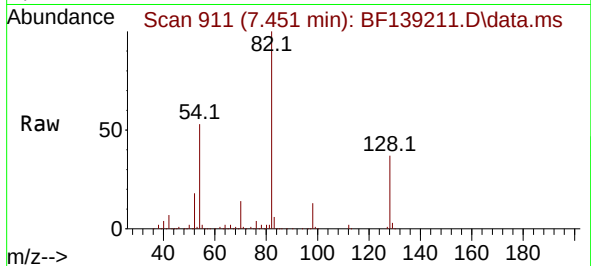




#24
Nitrobenzene
Concen: 3.562 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

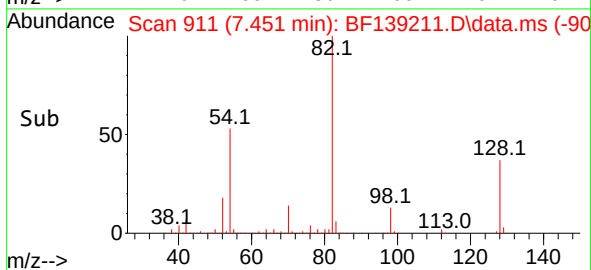
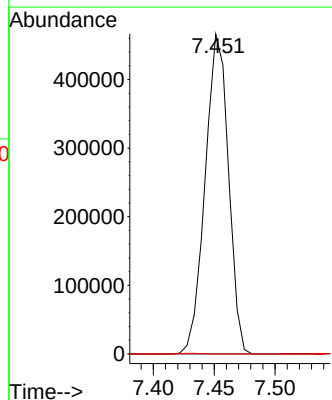
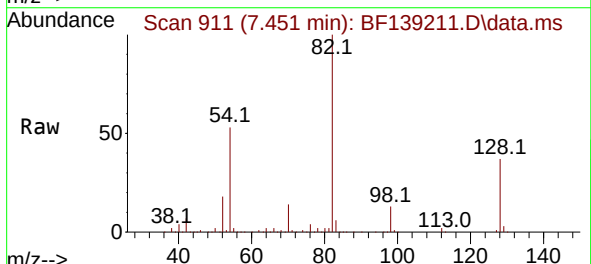
Instrument :
BNA_F
ClientSampleId :
WC-2

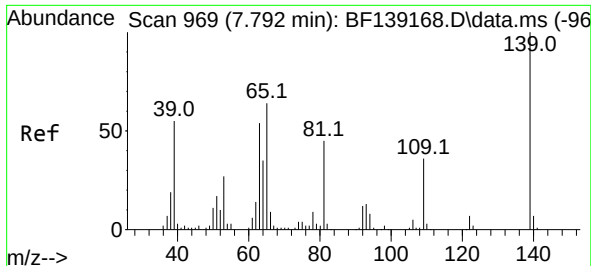
Tgt Ion: 77 Resp: 2120
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 31.6 10.9 16.3#



#25
Isophorone
Concen: 56.683 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 82 Resp: 620838
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

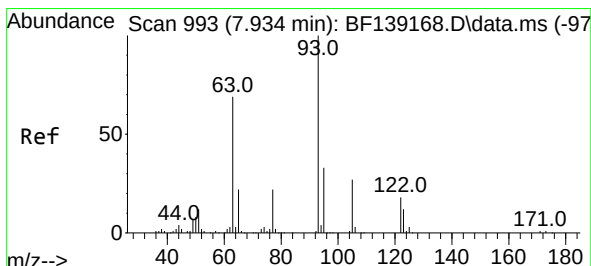
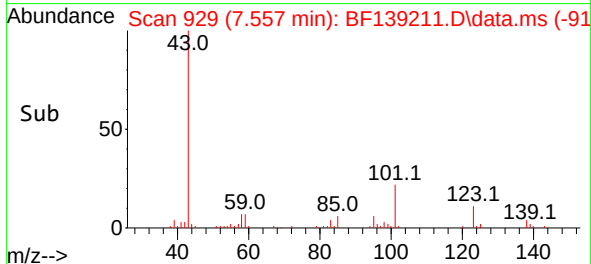
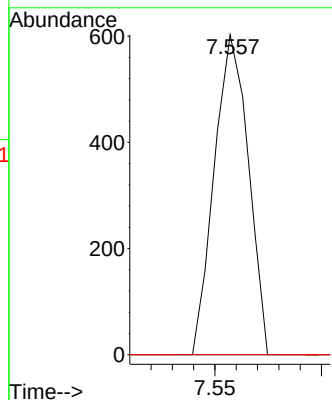
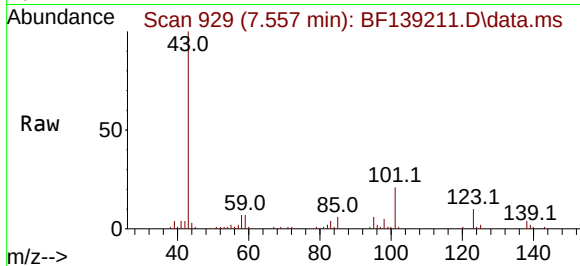




#26
2-Nitrophenol
Concen: 5.249 ng
RT: 7.557 min Scan# 911
Delta R.T. -0.235 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

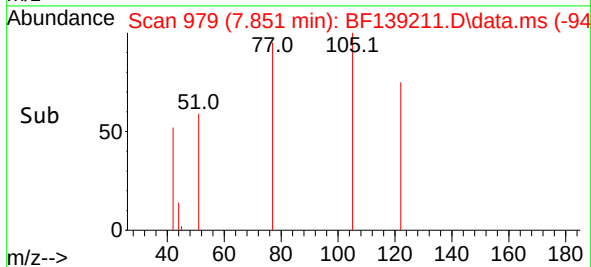
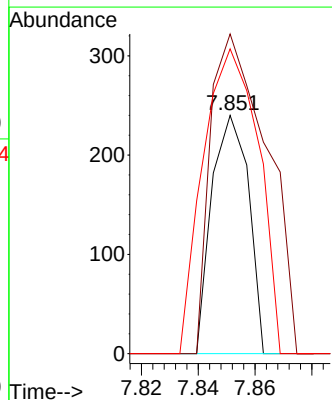
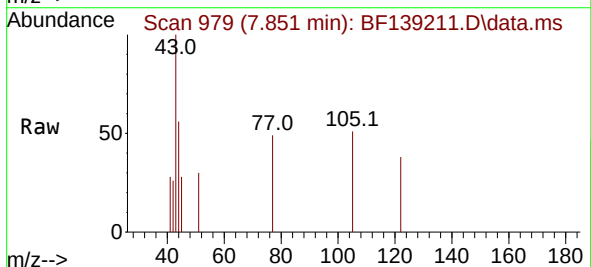
Instrument :
BNA_F
ClientSampleId :
WC-2

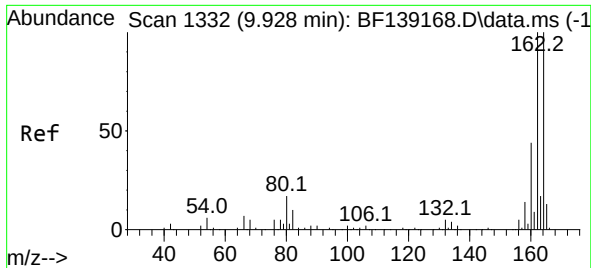
Tgt Ion:139 Resp: 670
Ion Ratio Lower Upper
139 100
109 0.0 28.9 43.3#
65 0.0 51.1 76.7#



#32
Benzoic acid
Concen: 9.581 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.083 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:122 Resp: 216
Ion Ratio Lower Upper
122 100
105 134.2 118.9 158.9
77 127.9 96.4 136.4

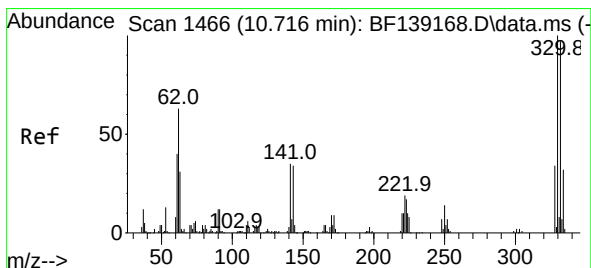
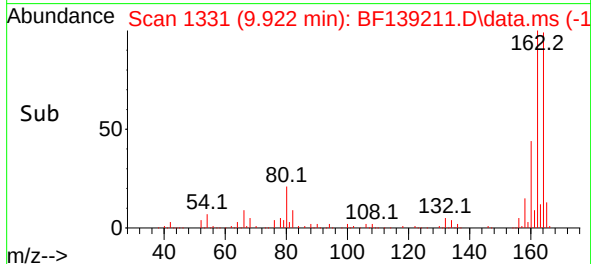
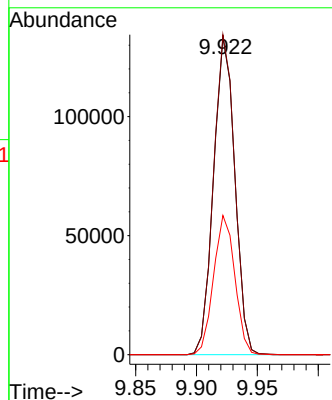
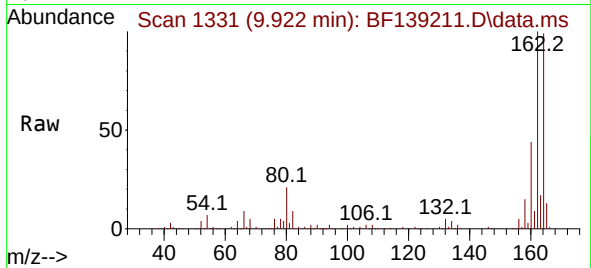




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

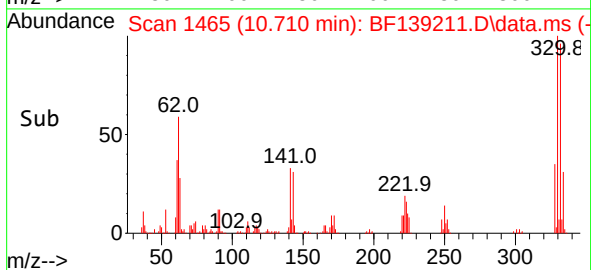
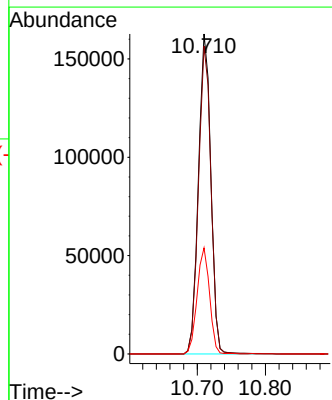
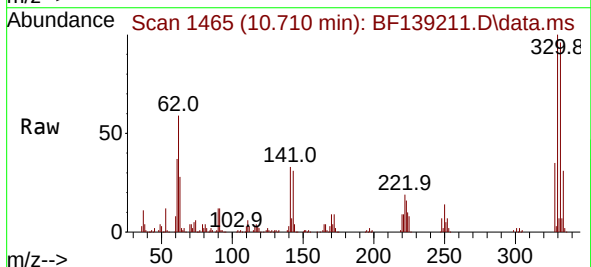
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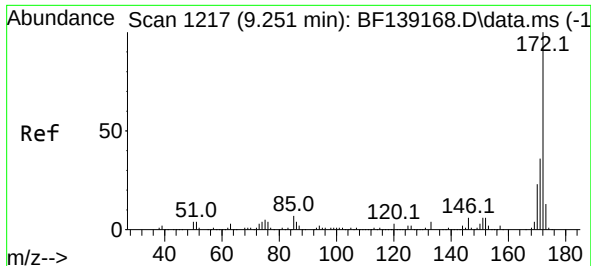
Tgt Ion:164 Resp: 162749
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 43.9 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 146.828 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:330 Resp: 204658
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.2 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 98.054 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

Instrument :

BNA_F

ClientSampleId :

WC-2

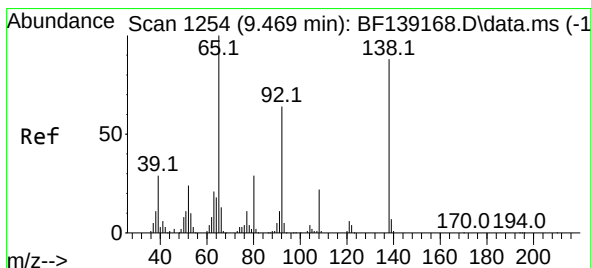
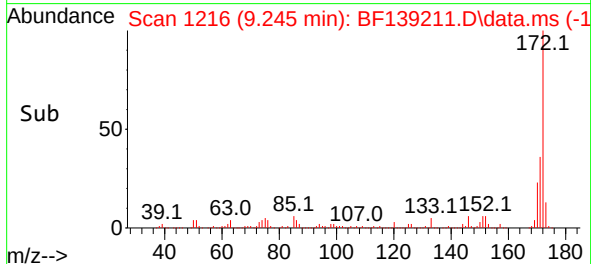
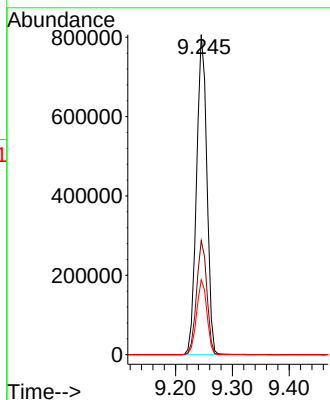
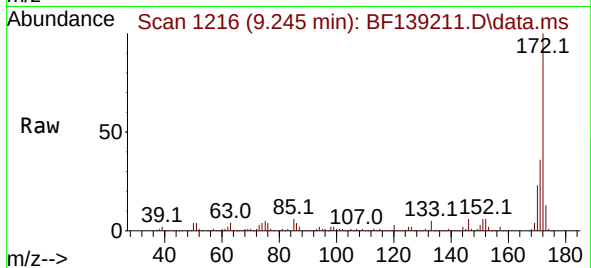
Tgt Ion:172 Resp: 1027337

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.4 18.8 28.2



#48

2-Nitroaniline

Concen: 5.796 ng

RT: 9.633 min Scan# 1282

Delta R.T. 0.164 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

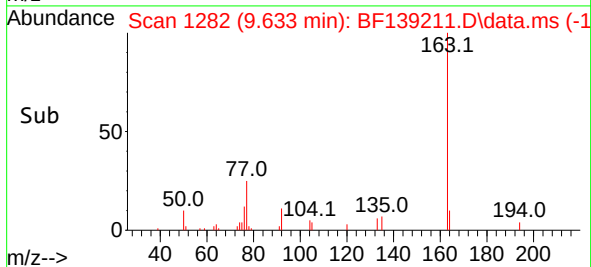
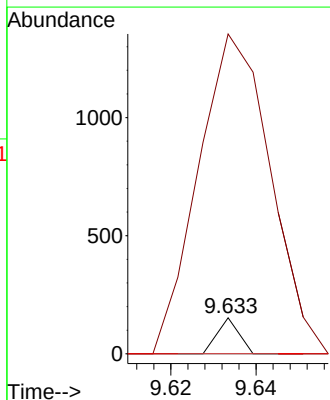
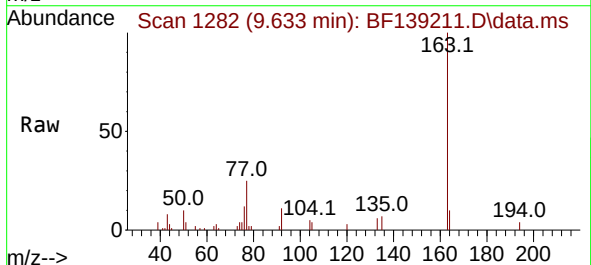
Tgt Ion: 65 Resp: 54

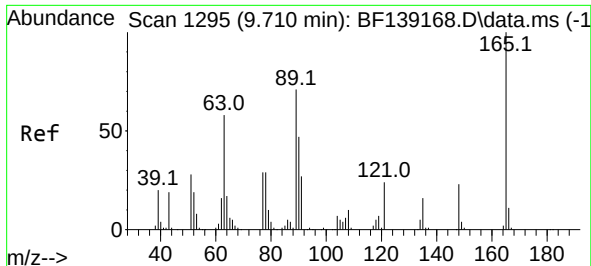
Ion Ratio Lower Upper

65 100

92 885.0 51.2 76.8#

138 0.0 70.0 105.0#





#51

2,6-Dinitrotoluene

Concen: 14.663 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

Instrument :

BNA_F

ClientSampleId :

WC-2

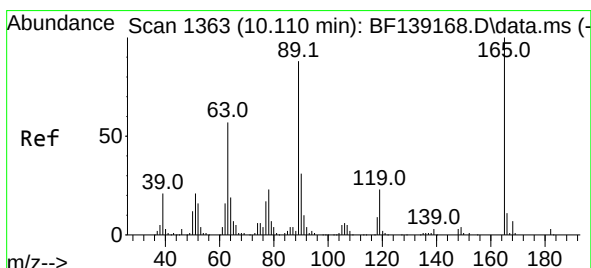
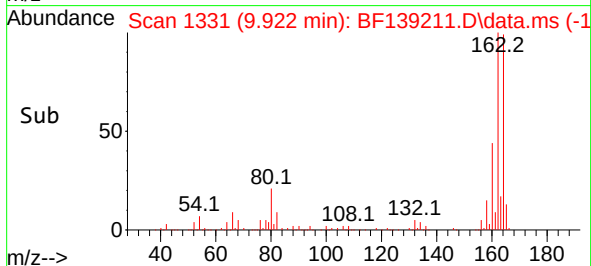
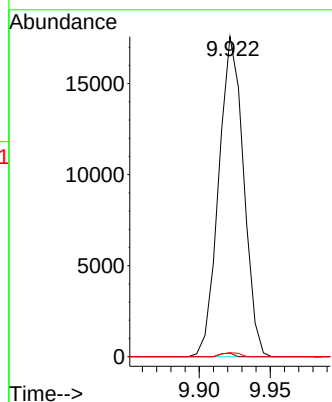
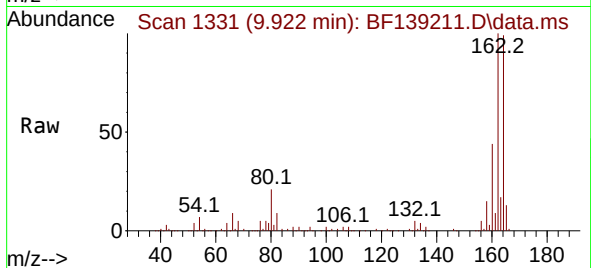
Tgt Ion:165 Resp: 21363

Ion Ratio Lower Upper

165 100

63 1.1 60.1 90.1#

89 1.3 57.0 85.6#



#57

2,4-Dinitrotoluene

Concen: 13.266 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

Tgt Ion:165 Resp: 21363

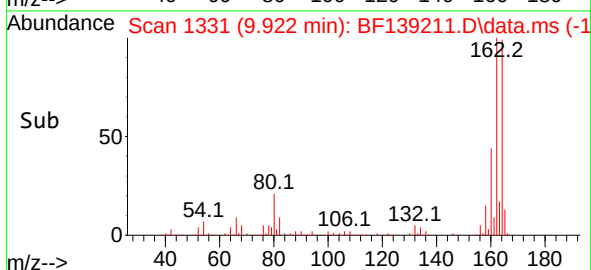
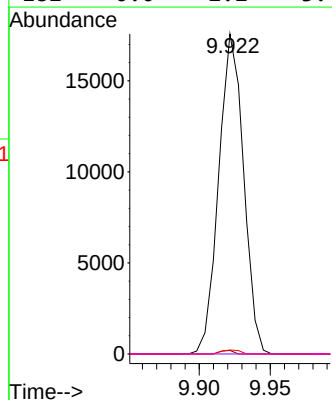
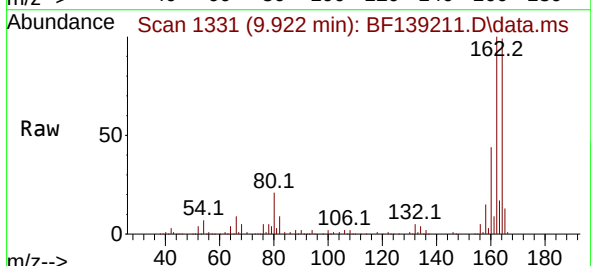
Ion Ratio Lower Upper

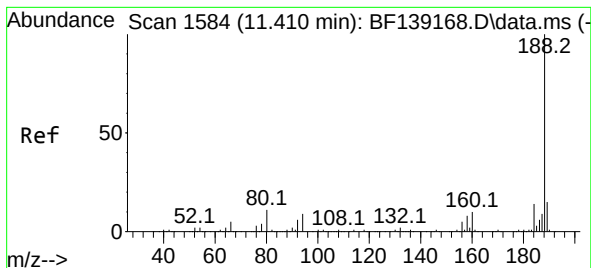
165 100

63 1.1 46.2 69.2#

89 1.3 70.2 105.4#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

Instrument :

BNA_F

ClientSampleId :

WC-2

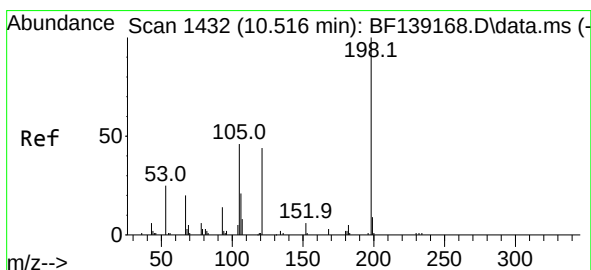
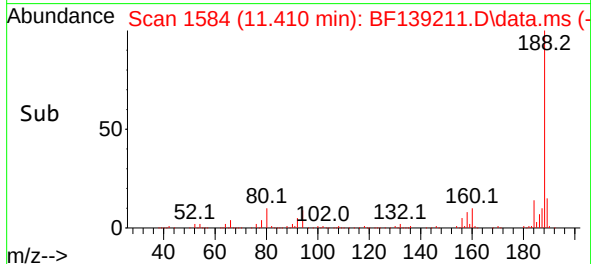
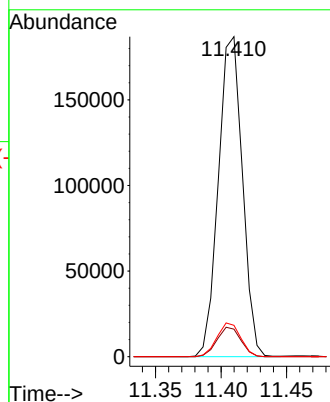
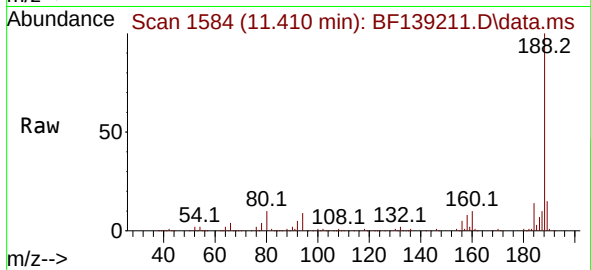
Tgt Ion:188 Resp: 238082

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.8 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.401 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

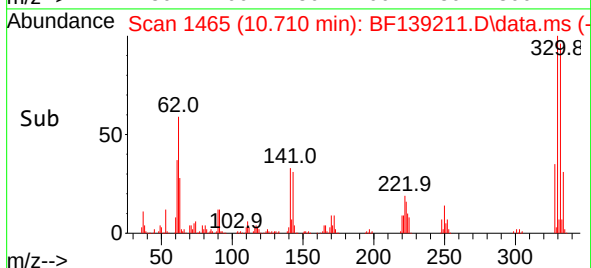
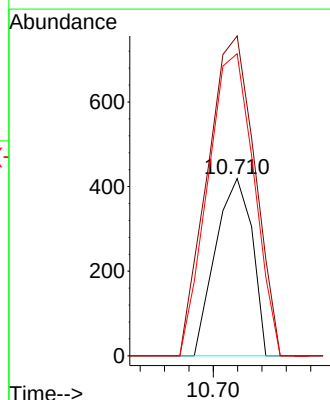
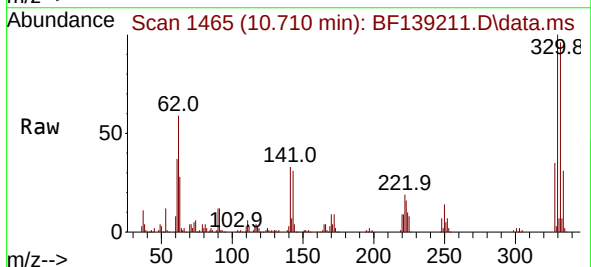
Tgt Ion:198 Resp: 437

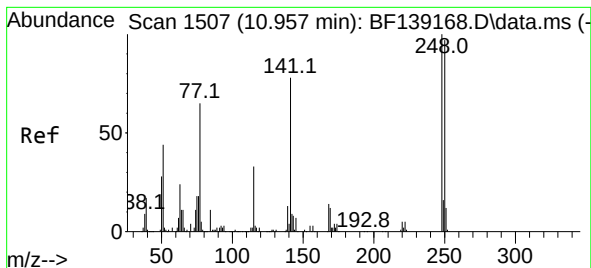
Ion Ratio Lower Upper

198 100

51 180.4 39.2 79.2#

105 170.4 29.3 69.3#

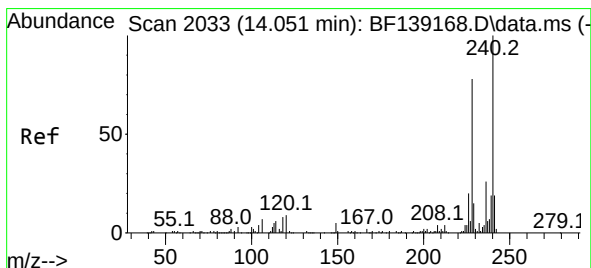
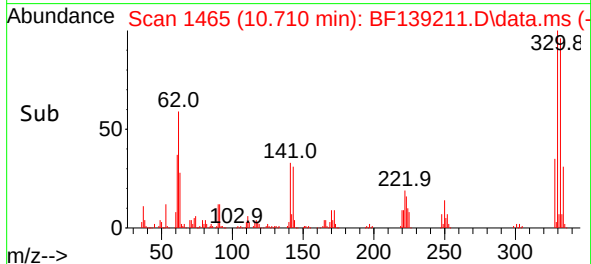
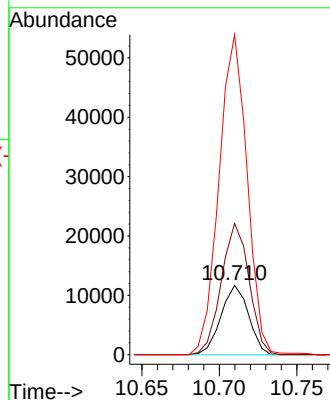
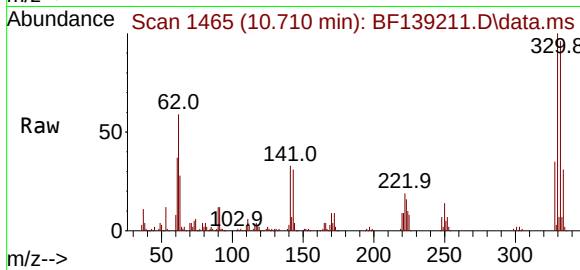




#67
4-Bromophenyl-phenylether
Concen: 5.707 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

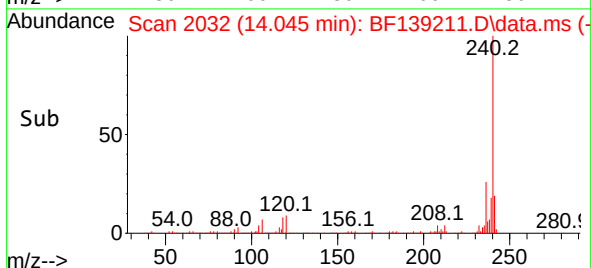
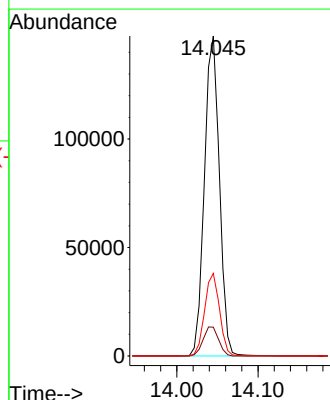
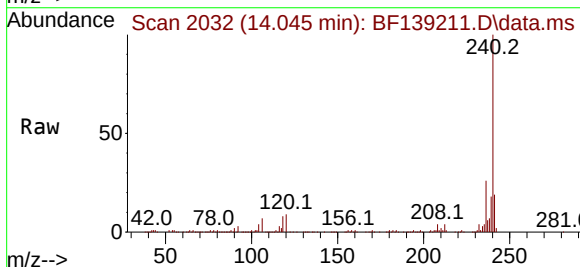
Instrument :
BNA_F
ClientSampleId :
WC-2

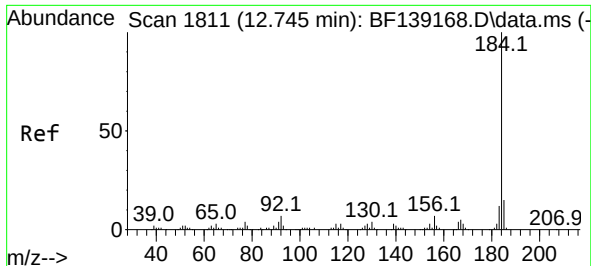
Tgt Ion:248 Resp: 14438
Ion Ratio Lower Upper
248 100
250 189.5 78.0 117.0#
141 461.8 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:240 Resp: 188688
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.8 20.9 31.3

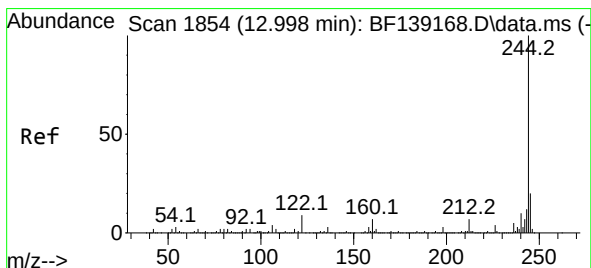
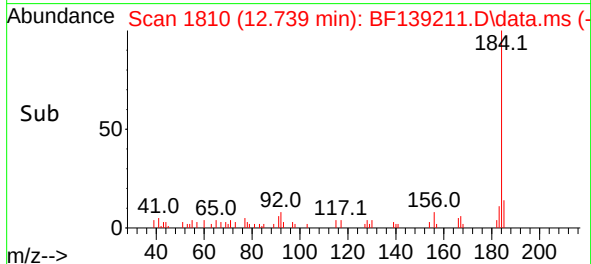
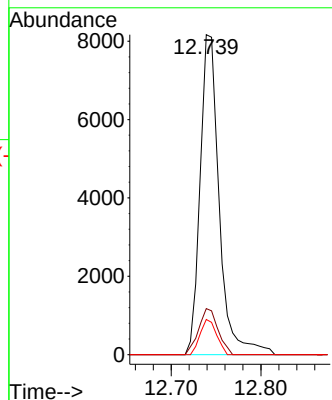
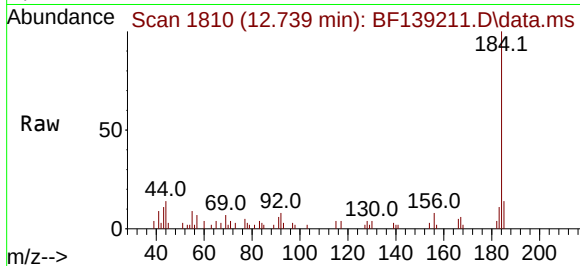




#77
Benzidine
Concen: 3.797 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

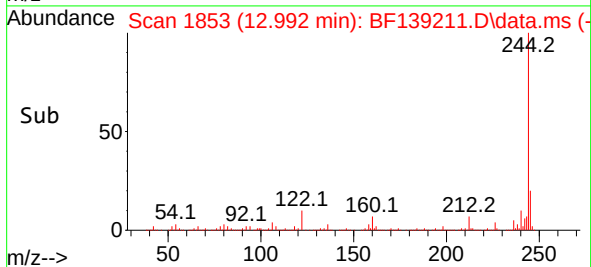
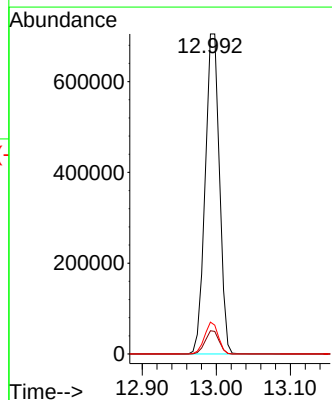
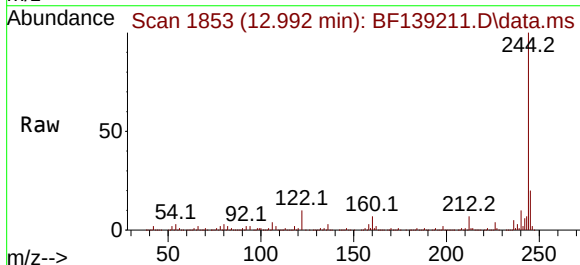
Instrument :
BNA_F
ClientSampleId :
WC-2

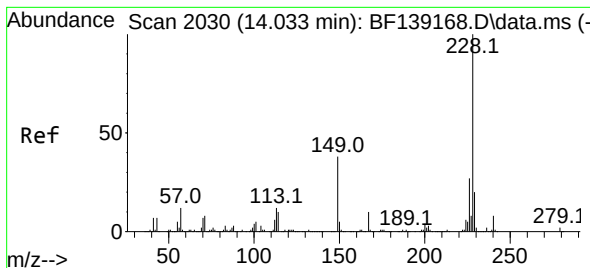
Tgt Ion:184 Resp: 12091
Ion Ratio Lower Upper
184 100
185 14.4 12.1 18.1
183 11.0 9.4 14.0



#79
Terphenyl-d14
Concen: 77.944 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:244 Resp: 942567
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.0 7.6 11.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.352 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

Instrument :

BNA_F

ClientSampleId :

WC-2

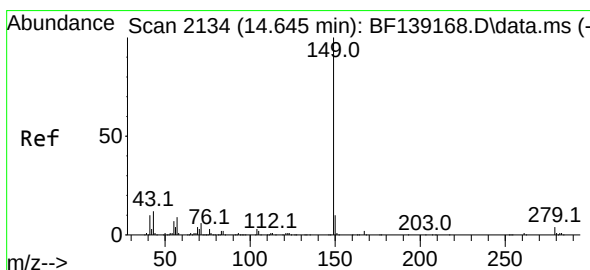
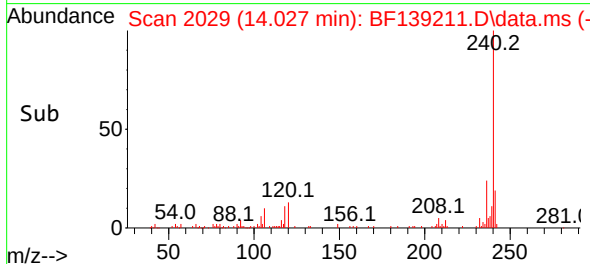
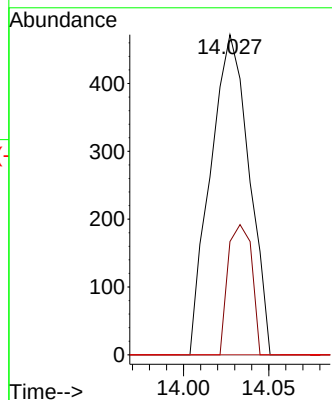
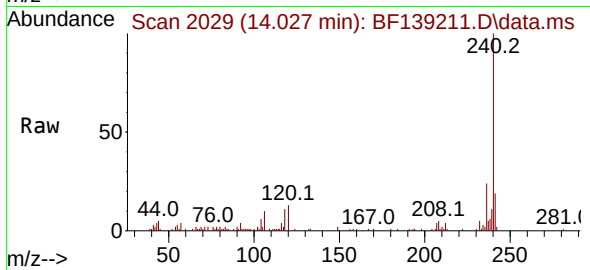
Tgt Ion:149 Resp: 743

Ion Ratio Lower Upper

149 100

167 35.4 21.3 31.9#

279 0.0 3.4 5.0#



#85

Di-n-octyl phthalate

Concen: 8.969 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

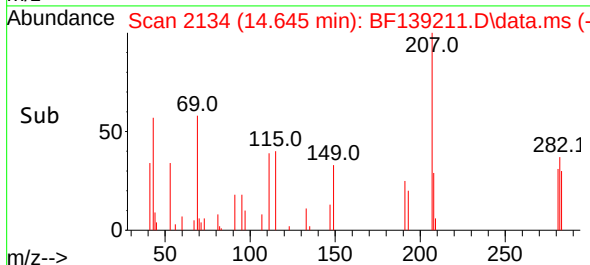
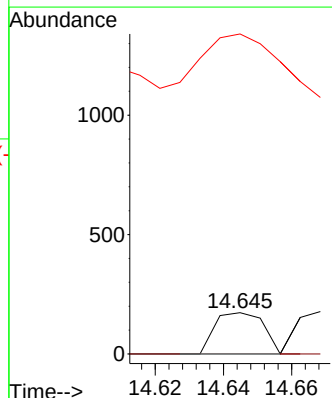
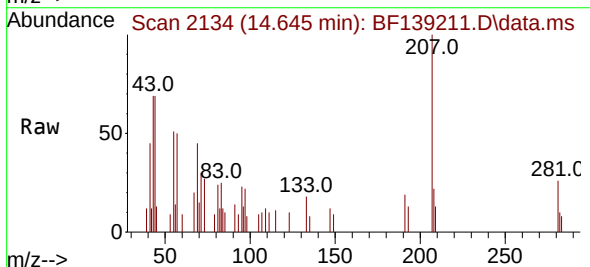
Tgt Ion:149 Resp: 171

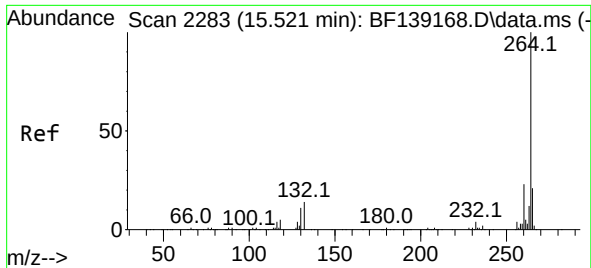
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

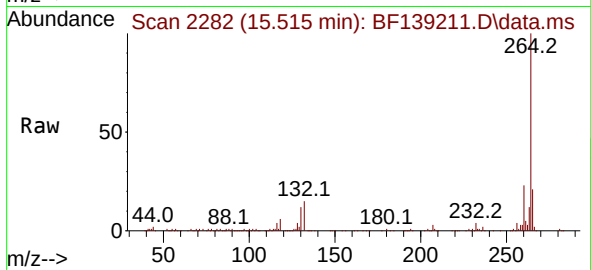
43 310.5 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139211.D
 Acq: 28 Aug 2024 17:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-2



Tgt Ion:264 Resp: 154609
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.5 17.0 25.6

