

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139557.D
 Acq On : 26 Sep 2024 20:26
 Operator : RC/JU
 Sample : P4176-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-1C-SYS1

Quant Time: Sep 27 01:08:01 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)

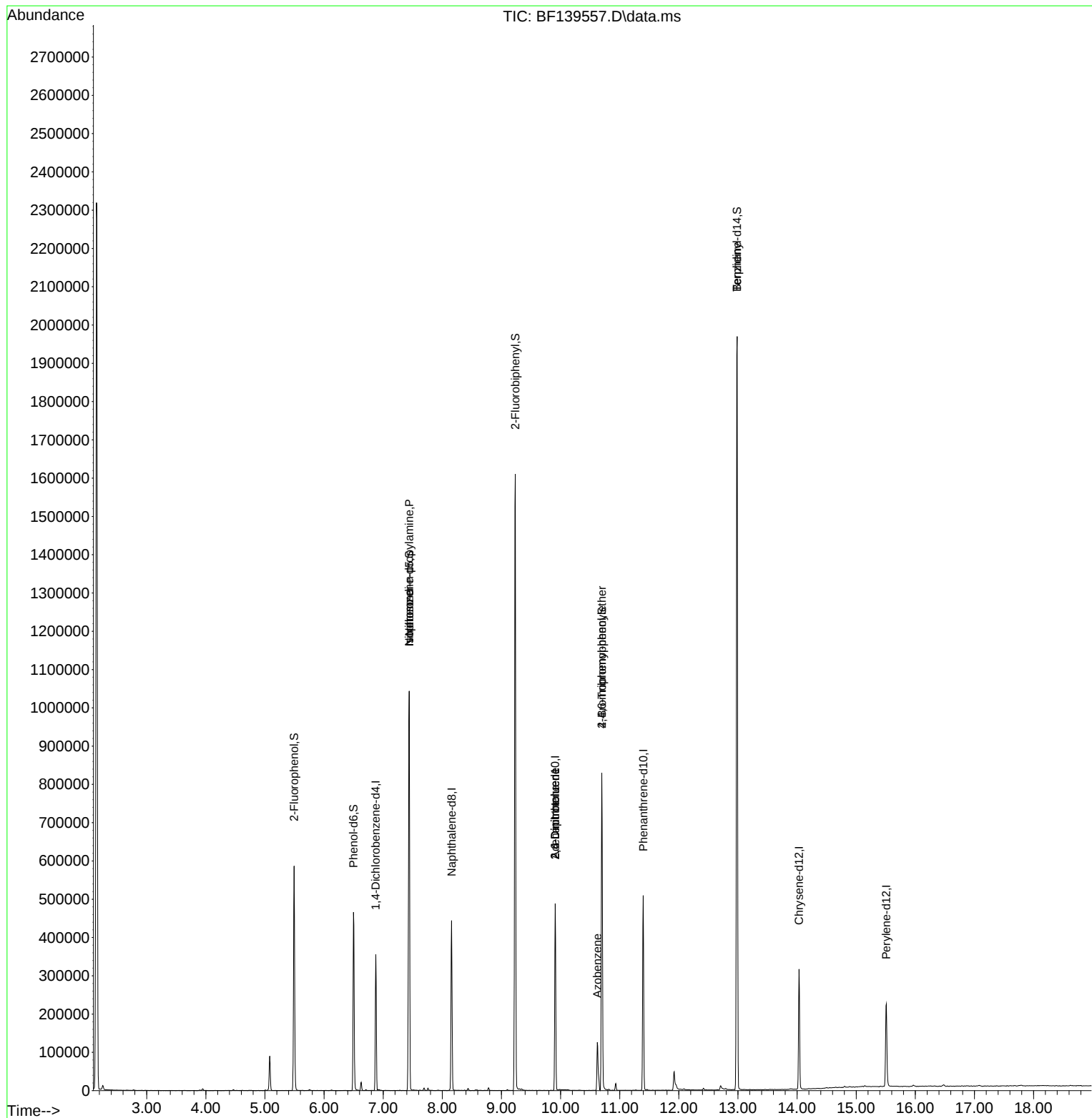
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69863	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	259638	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	140424	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	265704	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148610	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	134445	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	184914	43.179	ng	0.00
7) Phenol-d6	6.498	99	197380	35.114	ng	0.00
23) Nitrobenzene-d5	7.439	82	455853	82.539	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	125460	83.921	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	708884	70.802	ng	0.00
79) Terphenyl-d14	12.986	244	984345	108.720	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	61015	18.317	ng	# 74
25) Isophorone	7.439	82	454515	52.037	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17806	8.721	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17806	6.460	ng	# 16
63) Azobenzene	10.622	77	32642	3.489	ng	# 3
67) 4-Bromophenyl-phenylether	10.698	248	8460	3.213	ng	# 1
77) Benzidine	12.986	184	13794	6.479	ng	# 91

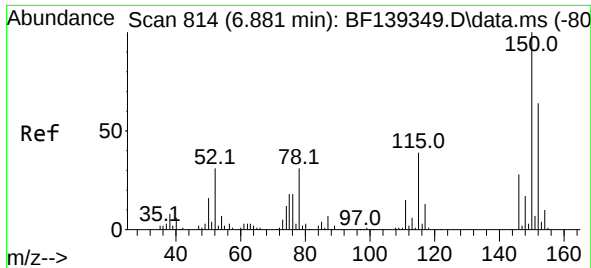
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
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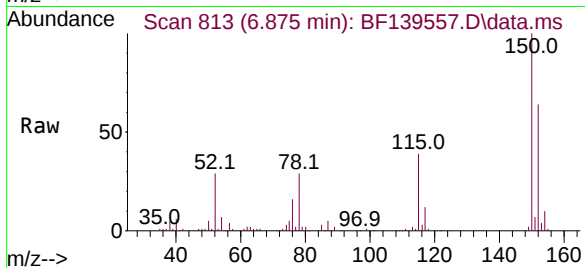
Quant Time: Sep 27 01:08:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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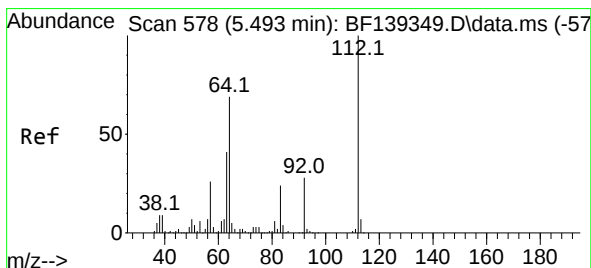
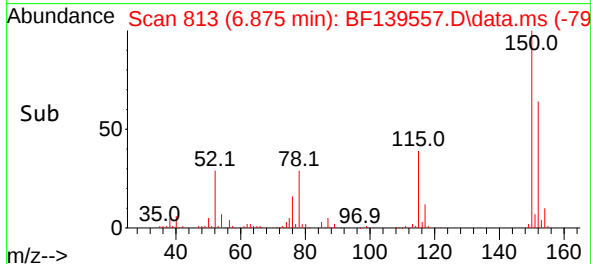
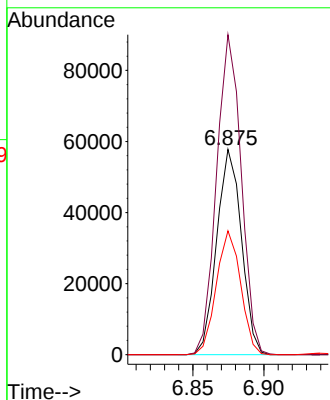


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1

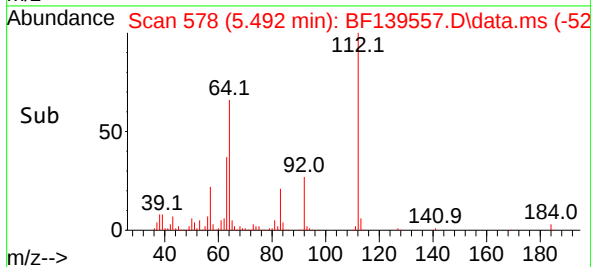
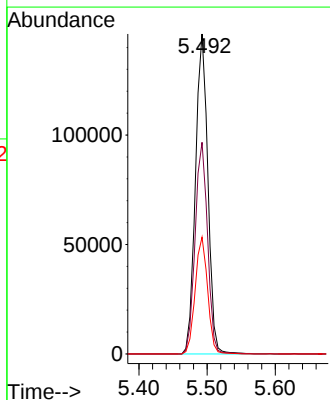
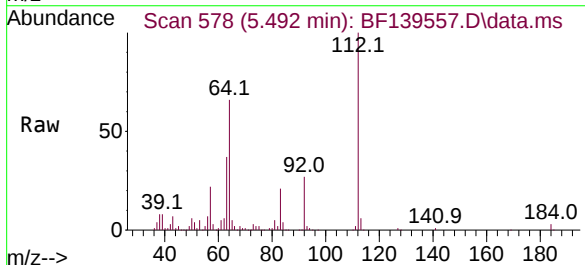


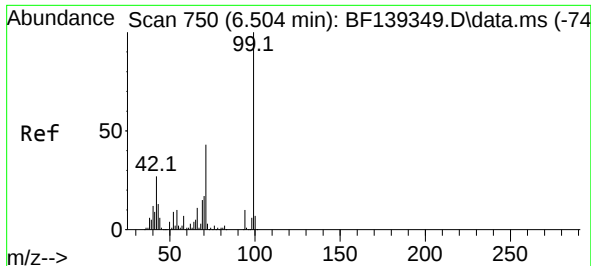
Tgt Ion:152 Resp: 69863
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 43.179 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

Tgt Ion:112 Resp: 184914
Ion Ratio Lower Upper
112 100
64 66.2 54.8 82.2
63 36.5 33.0 49.4





#7

Phenol-d6

Concen: 35.114 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Instrument :

BNA_F

ClientSampleId :

FB-1C-SYS1

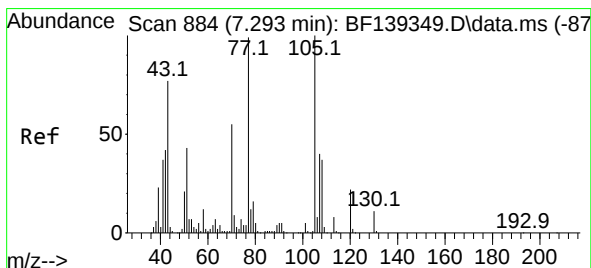
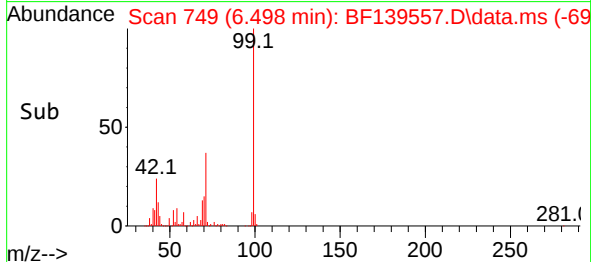
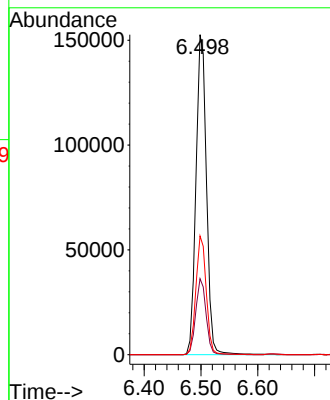
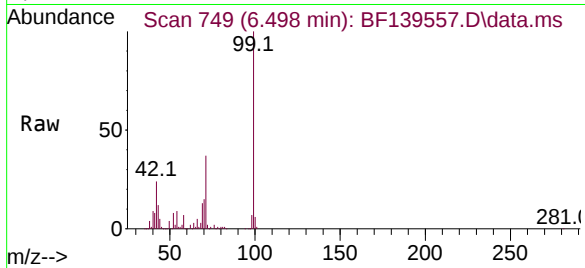
Tgt Ion: 99 Resp: 197380

Ion Ratio Lower Upper

99 100

42 23.8 21.9 32.9

71 37.1 34.6 52.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.317 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Tgt Ion: 70 Resp: 61015

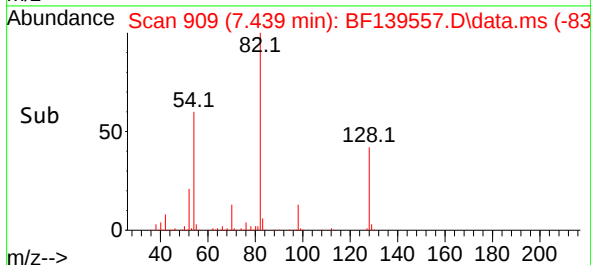
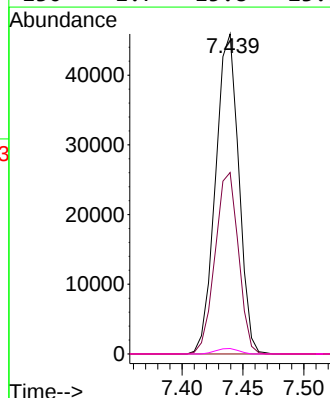
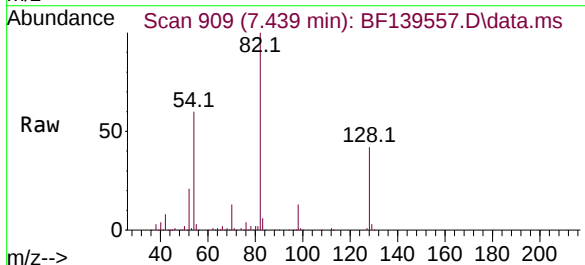
Ion Ratio Lower Upper

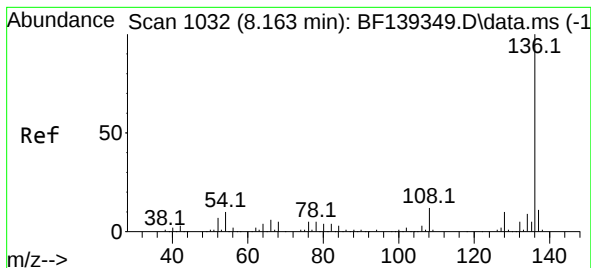
70 100

42 56.7 61.2 91.8#

101 0.0 7.5 11.3#

130 1.7 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139557.D

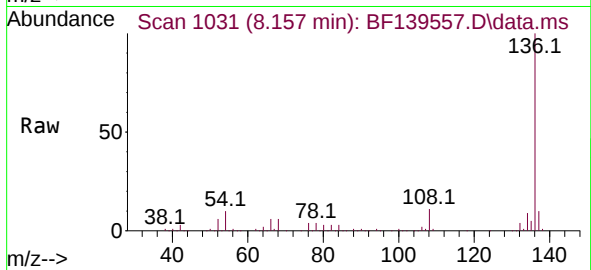
Acq: 26 Sep 2024 20:26

Instrument :

BNA_F

ClientSampleId :

FB-1C-SYS1



Tgt Ion:136 Resp: 259638

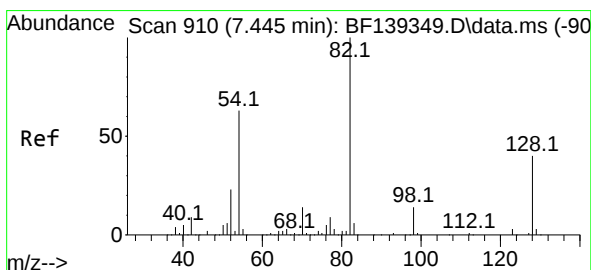
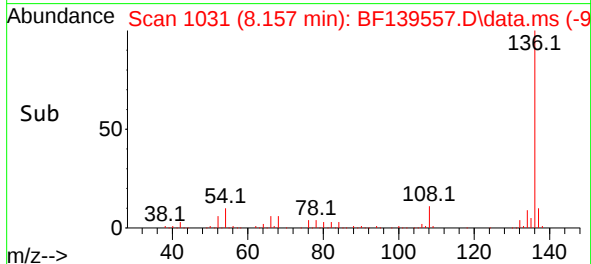
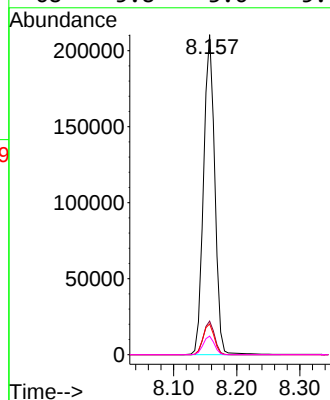
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.6 7.8 11.8

68 5.8 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 82.539 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

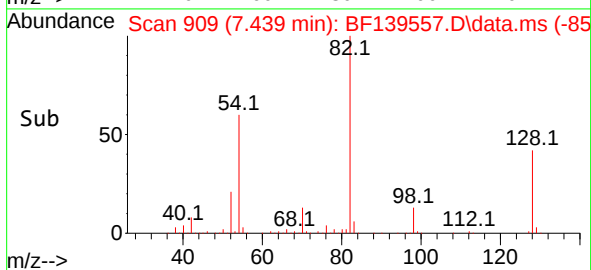
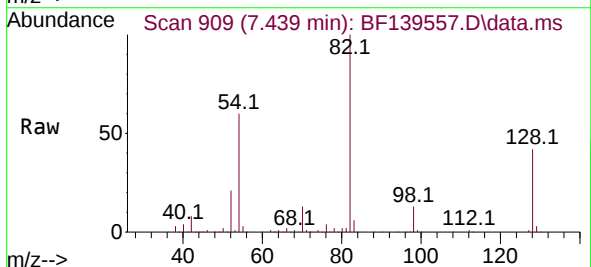
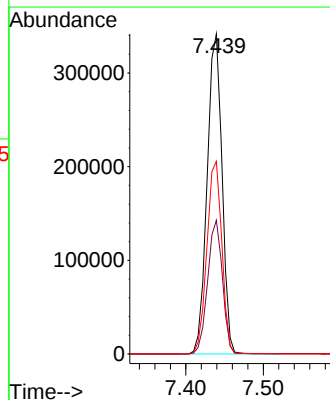
Tgt Ion: 82 Resp: 455853

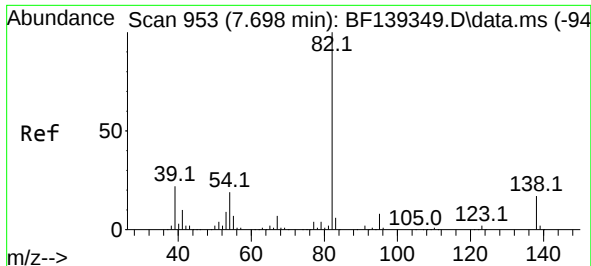
Ion Ratio Lower Upper

82 100

128 41.8 31.8 47.6

54 60.2 50.6 75.8

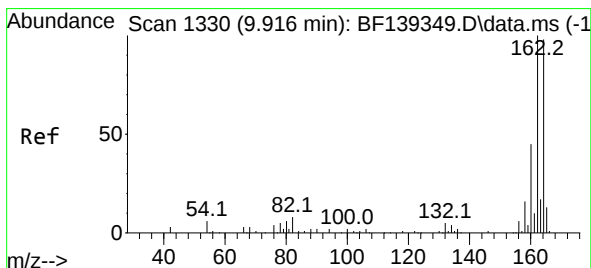
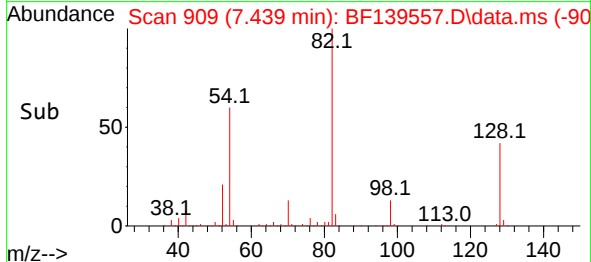
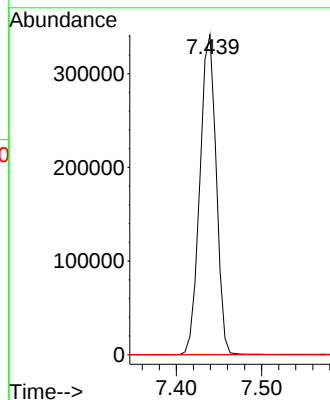
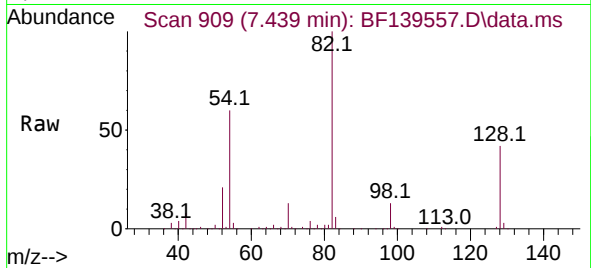




#25
Isophorone
Concen: 52.037 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

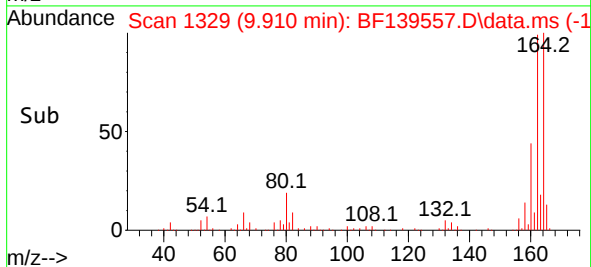
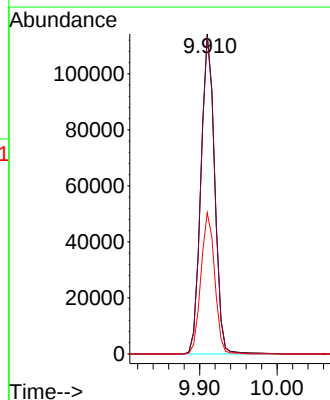
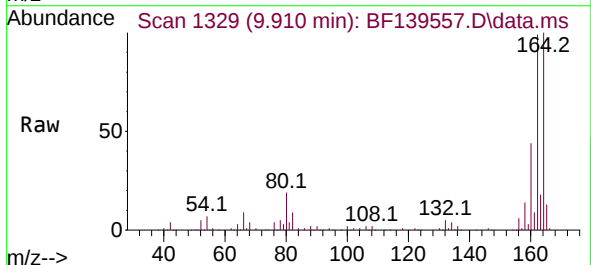
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1

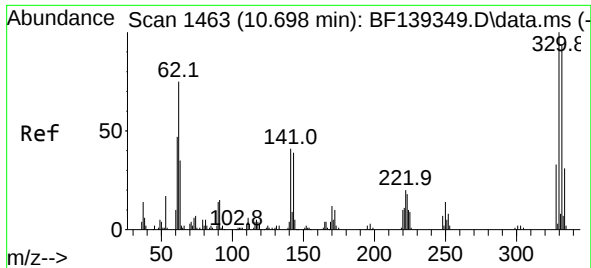
Tgt Ion: 82 Resp: 454515
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

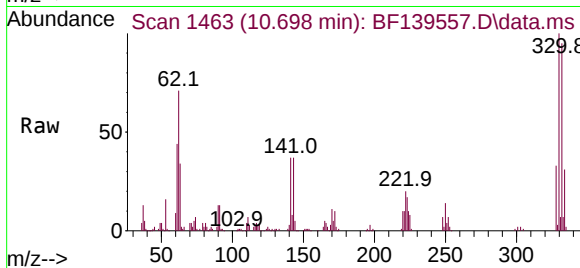
Tgt Ion:164 Resp: 140424
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.1 36.4 54.6



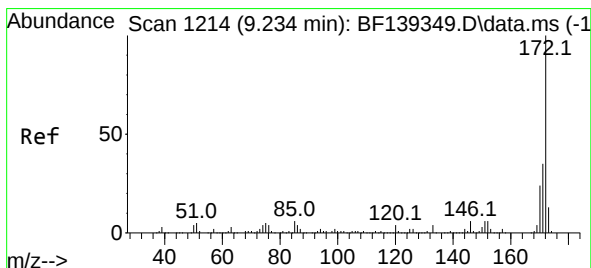
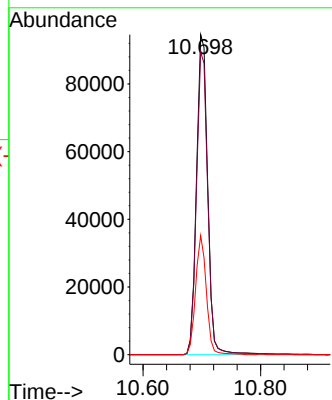
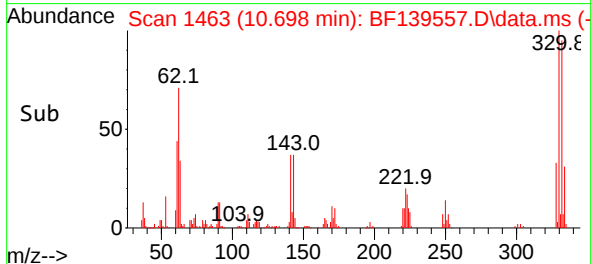


#42
2,4,6-Tribromophenol
Concen: 83.921 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

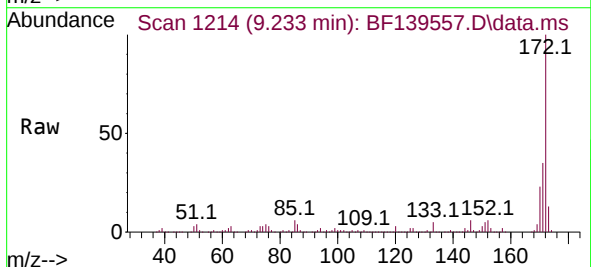
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1



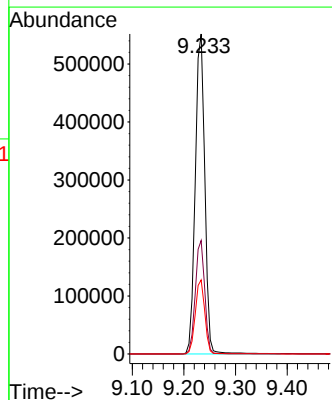
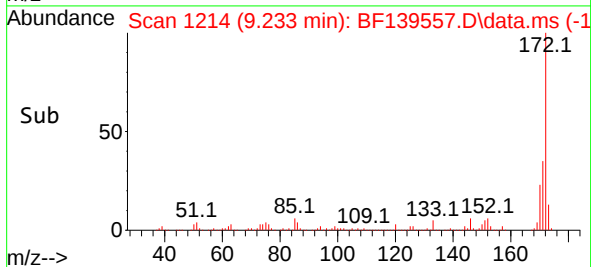
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Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 35.9 31.2 46.8

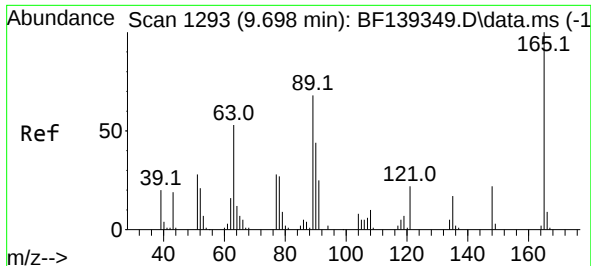


#45
2-Fluorobiphenyl
Concen: 70.802 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26



Tgt Ion:172 Resp: 708884
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.721 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Instrument :

BNA_F

ClientSampleId :

FB-1C-SYS1

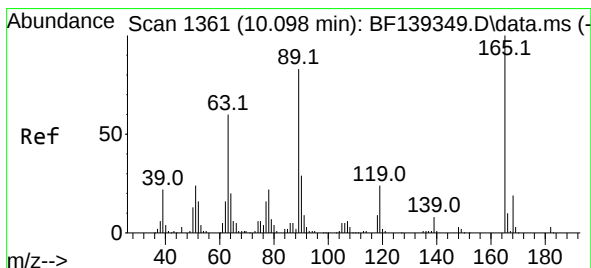
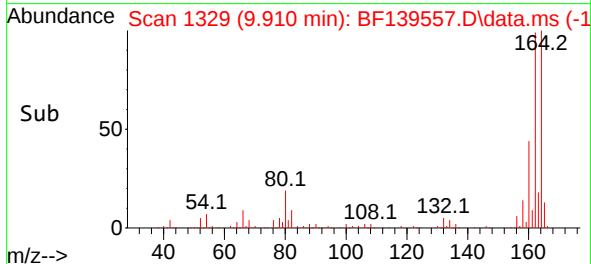
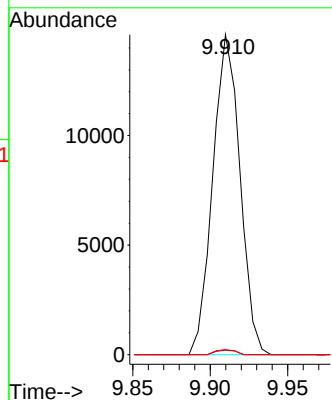
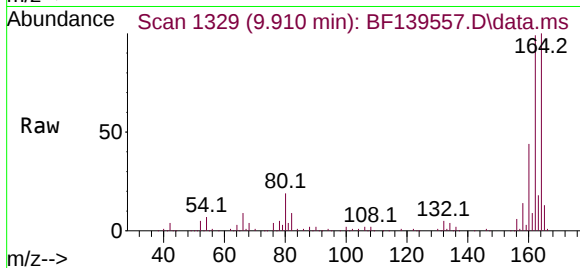
Tgt Ion:165 Resp: 17806

Ion Ratio Lower Upper

165 100

63 1.4 60.9 91.3#

89 1.6 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.460 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Tgt Ion:165 Resp: 17806

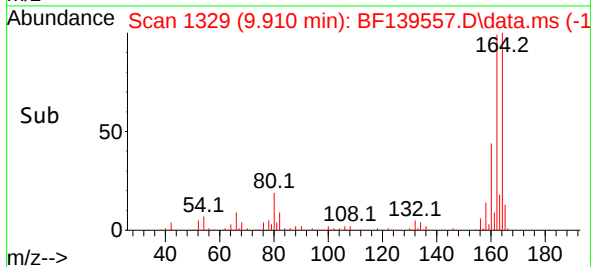
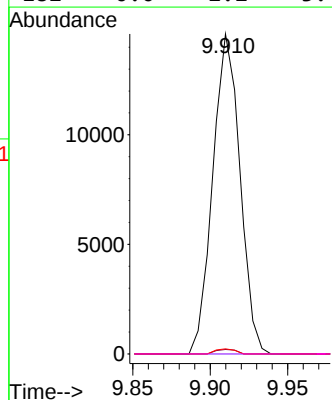
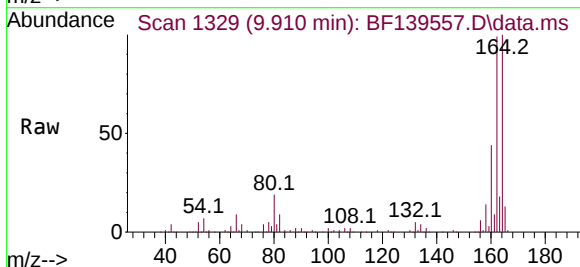
Ion Ratio Lower Upper

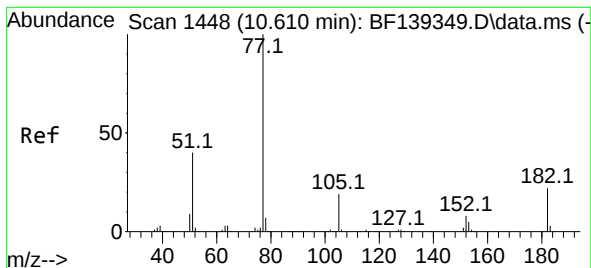
165 100

63 1.4 47.8 71.6#

89 1.6 66.7 100.1#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.489 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

Instrument :

BNA_F

ClientSampleId :

FB-1C-SYS1

Tgt Ion: 77 Resp: 32642

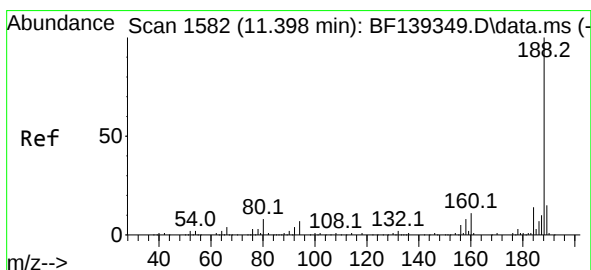
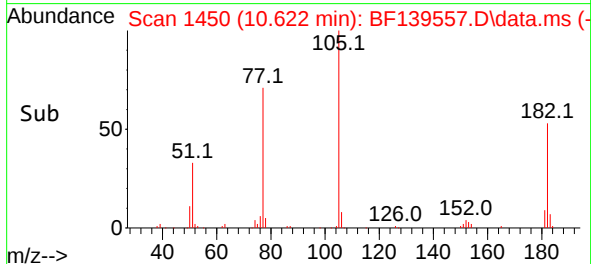
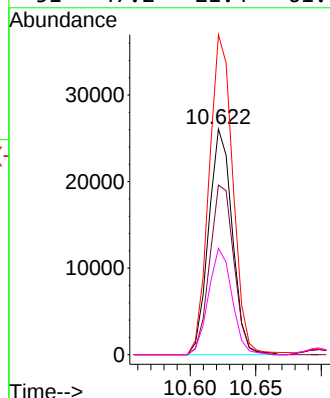
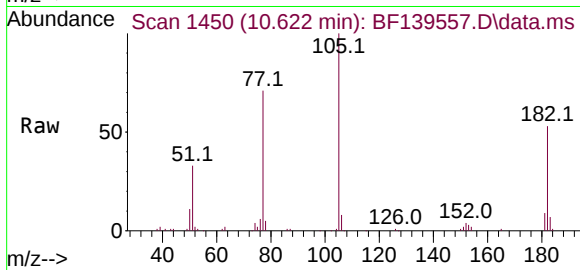
Ion Ratio Lower Upper

77 100

182 75.1 1.8 41.8#

105 141.7 0.0 38.6#

51 47.2 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139557.D

Acq: 26 Sep 2024 20:26

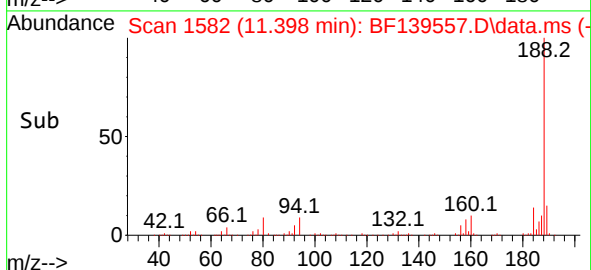
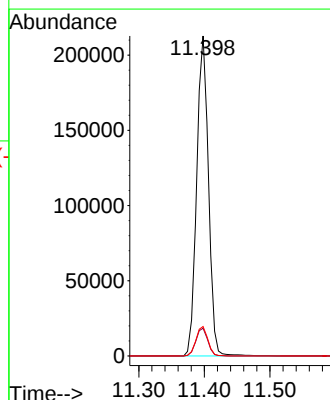
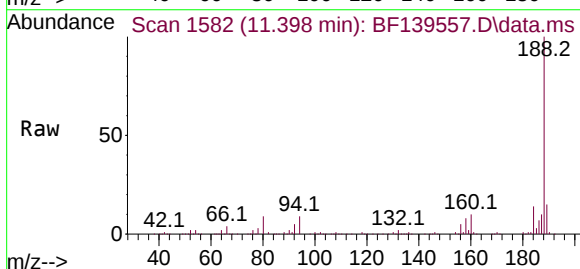
Tgt Ion: 188 Resp: 265704

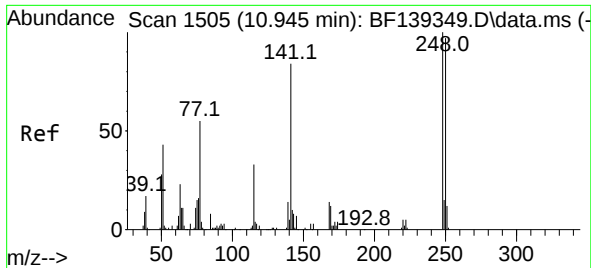
Ion Ratio Lower Upper

188 100

94 8.6 5.5 8.3#

80 9.2 6.6 9.8

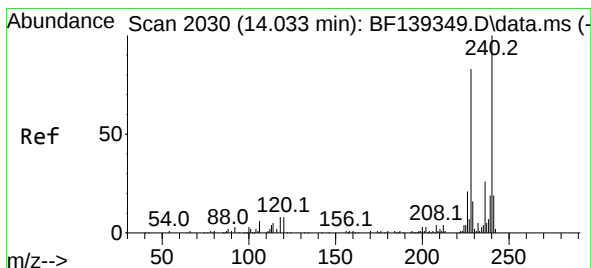
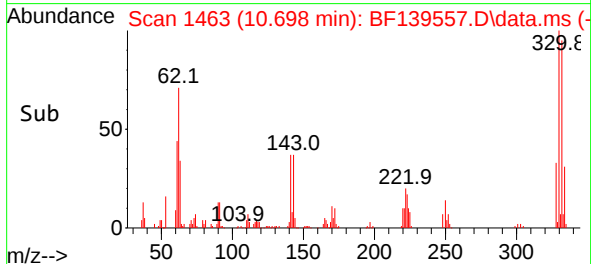
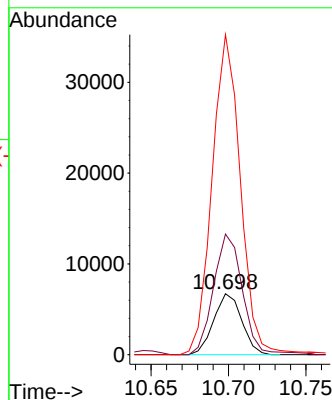
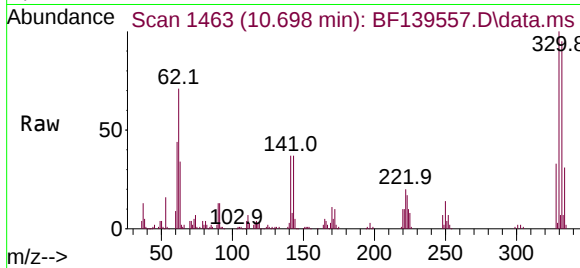




#67
4-Bromophenyl-phenylether
Concen: 3.213 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

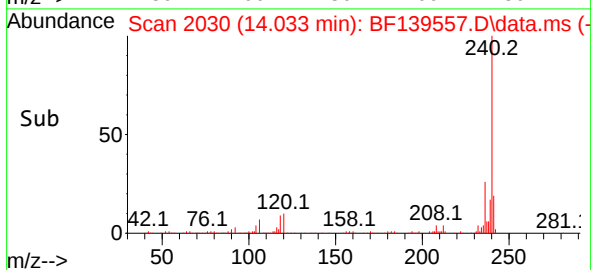
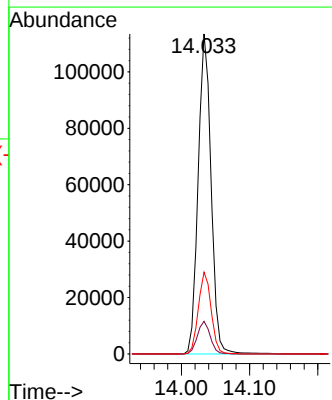
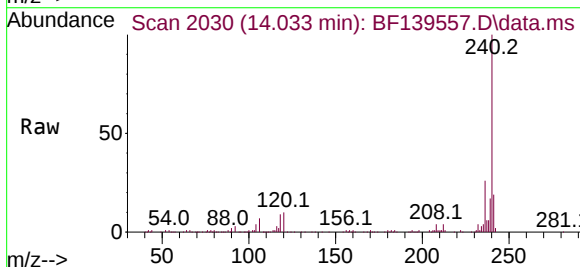
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1

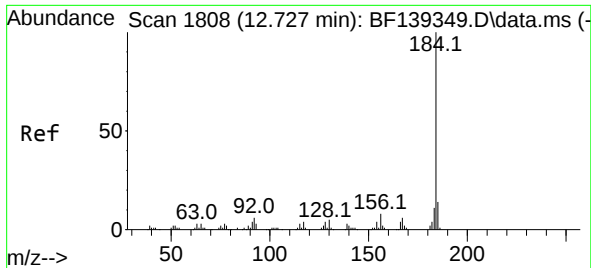
Tgt Ion:248 Resp: 8460
Ion Ratio Lower Upper
248 100
250 198.0 77.6 116.4#
141 525.4 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

Tgt Ion:240 Resp: 148610
Ion Ratio Lower Upper
240 100
120 10.2 6.2 9.2#
236 25.6 20.9 31.3

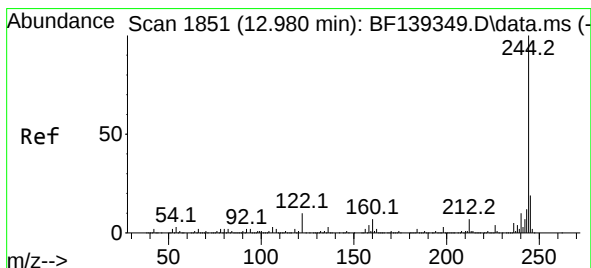
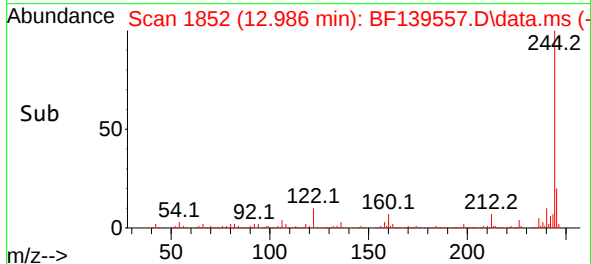
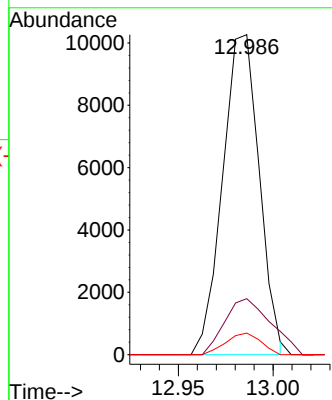
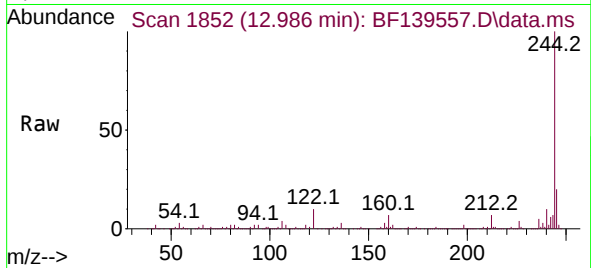




#77
Benzidine
Concen: 6.479 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

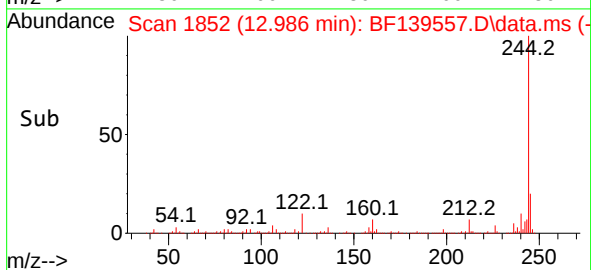
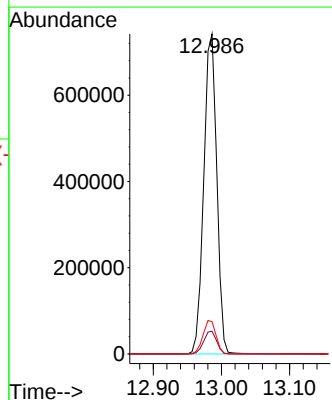
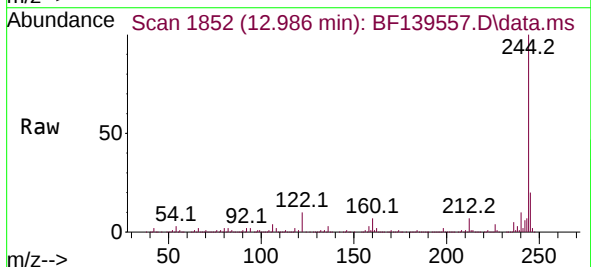
Instrument :
BNA_F
ClientSampleId :
FB-1C-SYS1

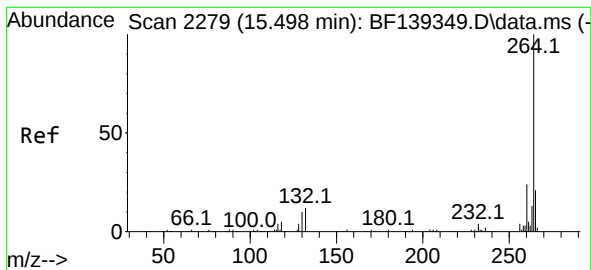
Tgt Ion:184 Resp: 13794
Ion Ratio Lower Upper
184 100
185 17.5 11.5 17.3#
183 6.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 108.720 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF139557.D
Acq: 26 Sep 2024 20:26

Tgt Ion:244 Resp: 984345
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.1 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139557.D
 Acq: 26 Sep 2024 20:26

Instrument :
 BNA_F
 ClientSampleId :
 FB-1C-SYS1

Tgt Ion:264 Resp: 134445
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 21.7 16.6 25.0

