

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139338.D
 Acq On : 11 Sep 2024 20:55
 Operator : RC/JU
 Sample : P3930-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34

Quant Time: Sep 12 05:20:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

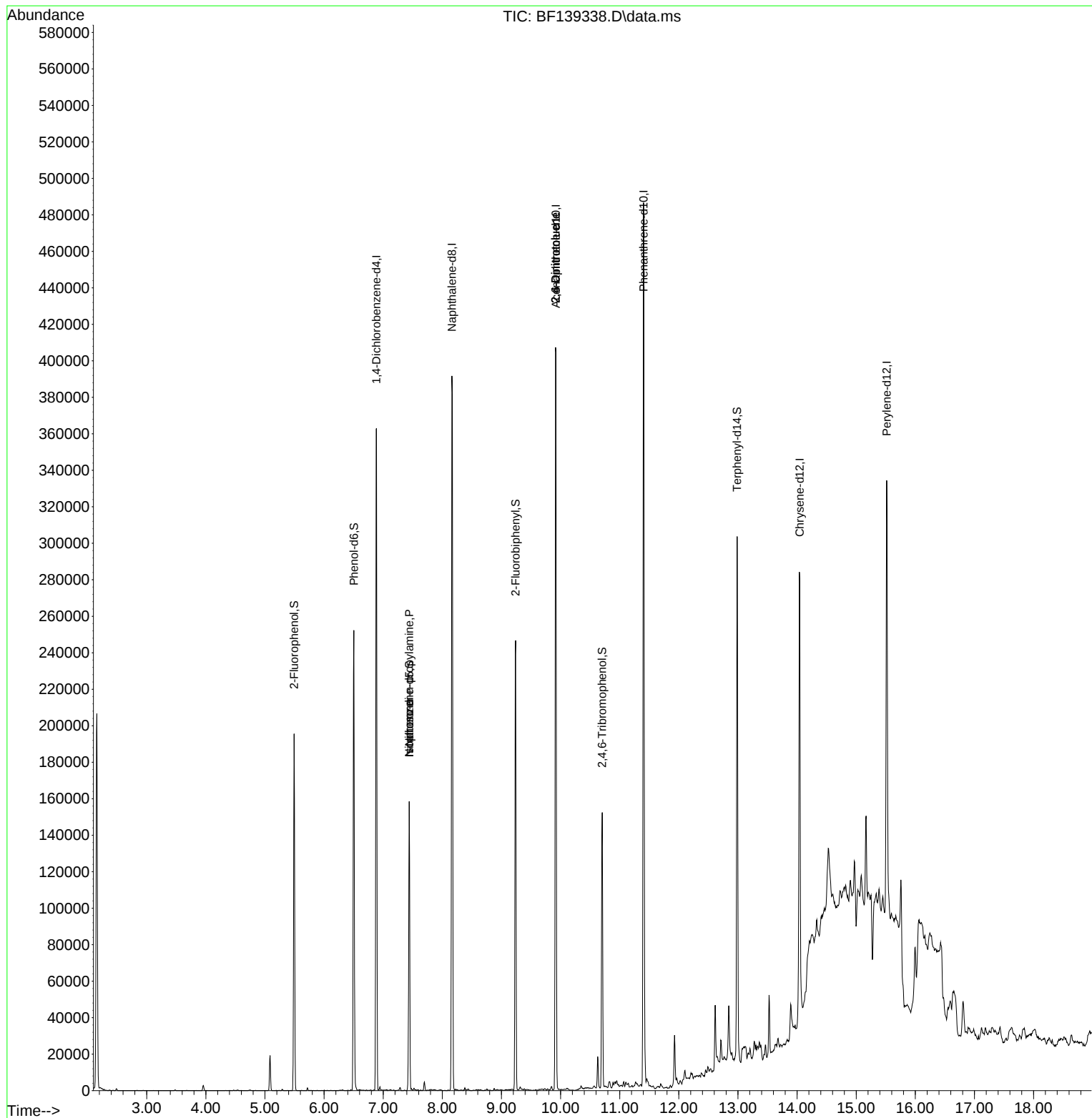
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73061	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	233804	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	123170	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	247175	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	109969	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	136979	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	58405	13.373	ng	-0.01
7) Phenol-d6	6.504	99	96618	16.571	ng	-0.01
23) Nitrobenzene-d5	7.439	82	62392	13.883	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	21348	20.072	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	105364	13.205	ng	-0.01
79) Terphenyl-d14	12.986	244	132170	19.405	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	8729	2.599	ng	# 76
25) Isophorone	7.439	82	62390	8.120	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	16323	9.638	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	16323	7.572	ng	# 18

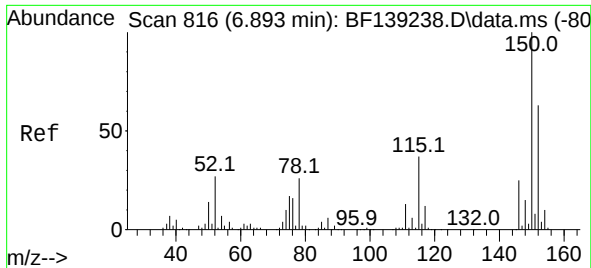
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
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Quant Time: Sep 12 05:20:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

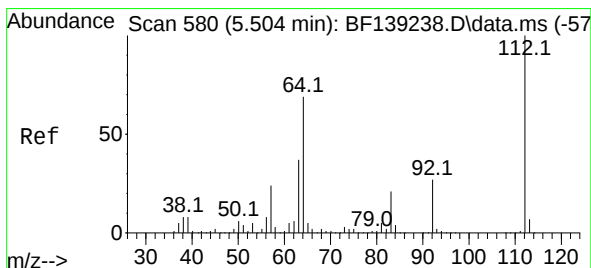
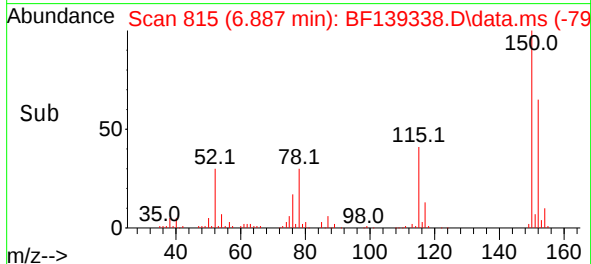
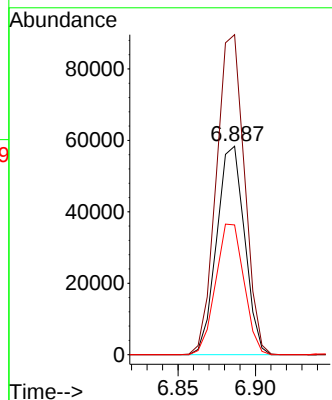
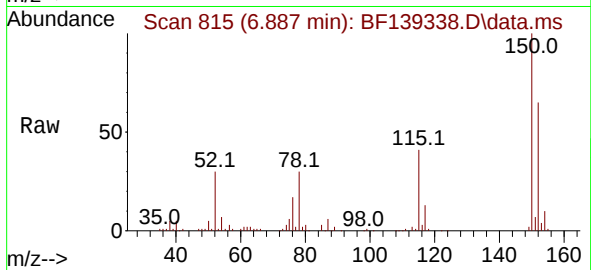




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

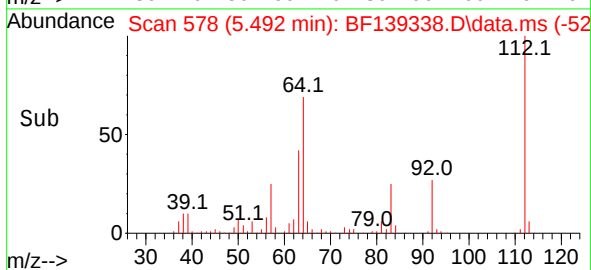
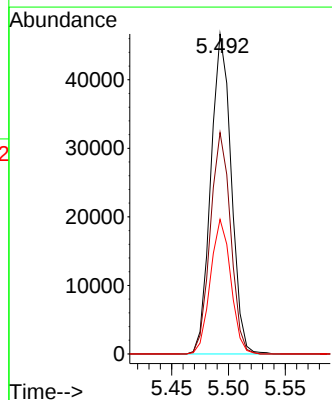
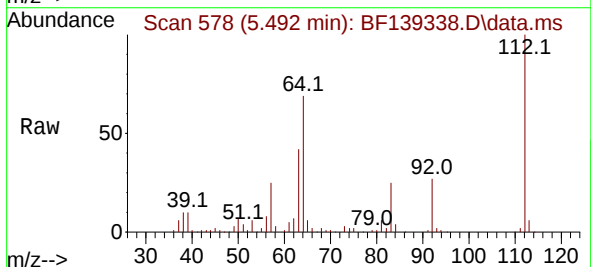
Instrument :
BNA_F
ClientSampleId :
DN-B-34

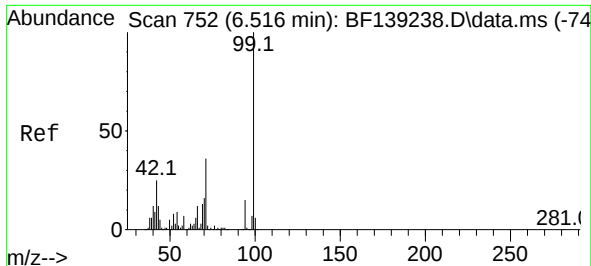
Tgt Ion:152 Resp: 73061
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.4
115 62.3 46.9 70.3



#5
2-Fluorophenol
Concen: 13.373 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

Tgt Ion:112 Resp: 58405
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 42.1 29.9 44.9

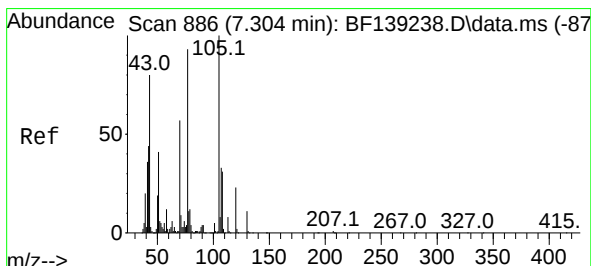
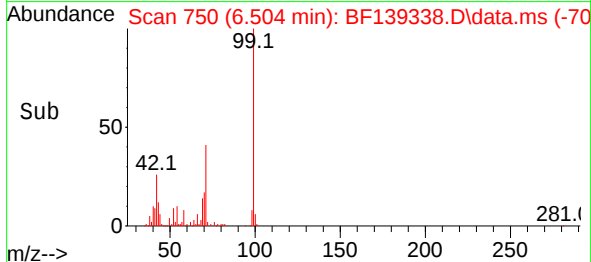
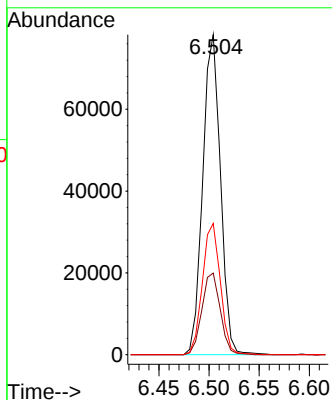
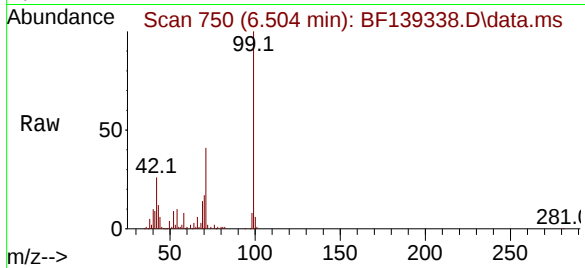




#7
Phenol-d6
Concen: 16.571 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

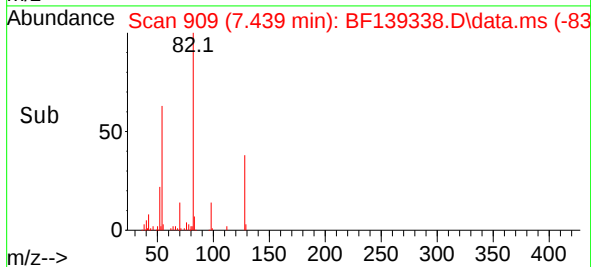
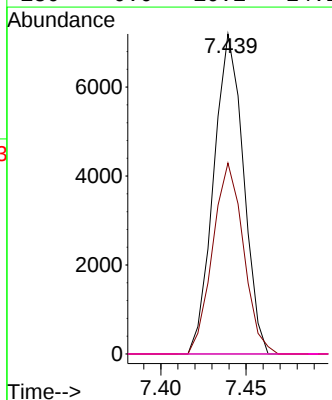
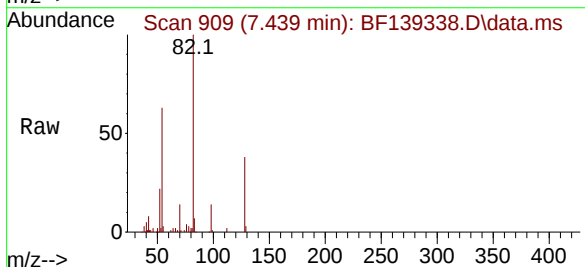
Instrument :
BNA_F
ClientSampleId :
DN-B-34

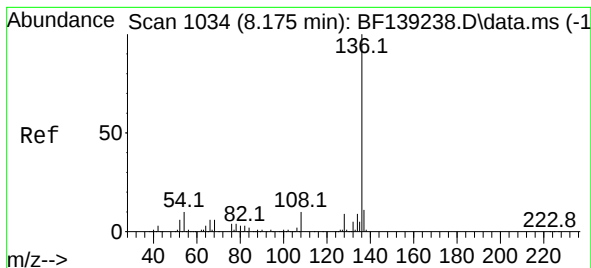
Tgt Ion: 99 Resp: 96618
Ion Ratio Lower Upper
99 100
42 25.5 19.8 29.6
71 41.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.599 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

Tgt Ion: 70 Resp: 8729
Ion Ratio Lower Upper
70 100
42 59.6 61.0 91.6#
101 0.0 7.2 10.8#
130 0.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

DN-B-34

Tgt Ion:136 Resp: 233804

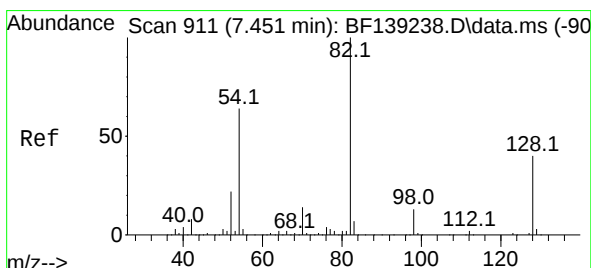
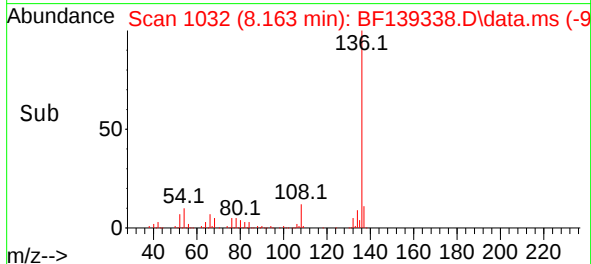
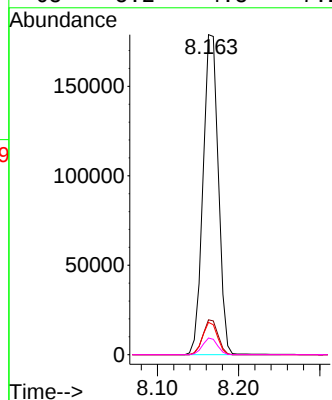
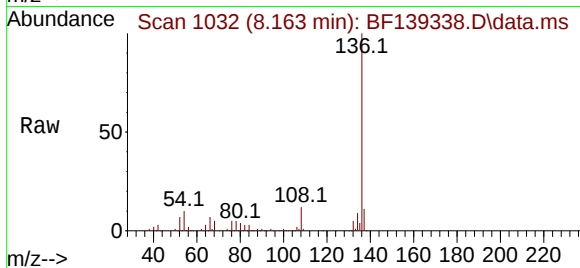
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.1 8.4 12.6

68 5.2 4.8 7.2



#23

Nitrobenzene-d5

Concen: 13.883 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

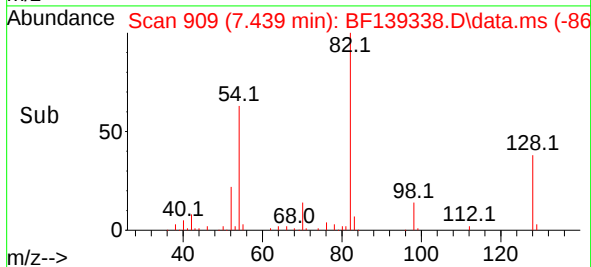
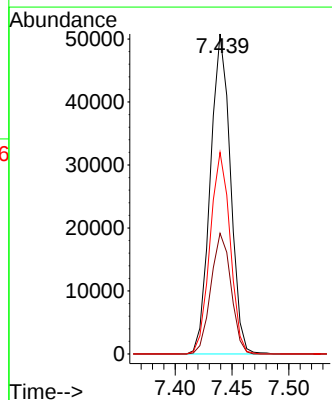
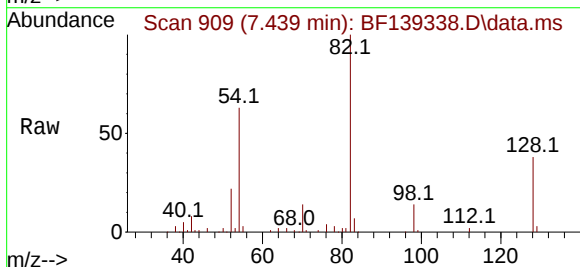
Tgt Ion: 82 Resp: 62392

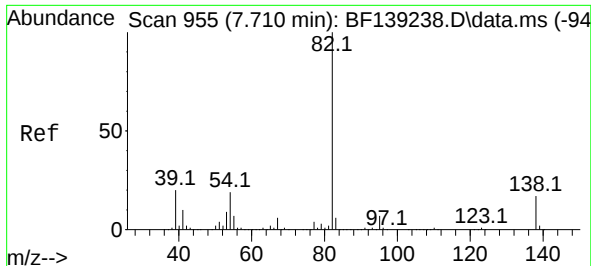
Ion Ratio Lower Upper

82 100

128 37.7 32.3 48.5

54 63.0 51.2 76.8

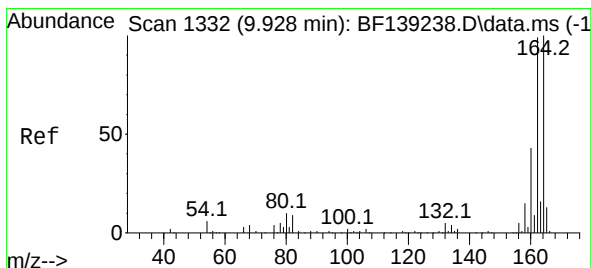
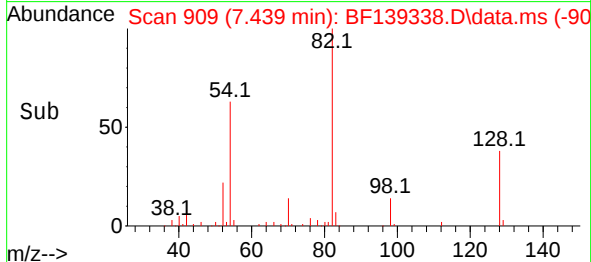
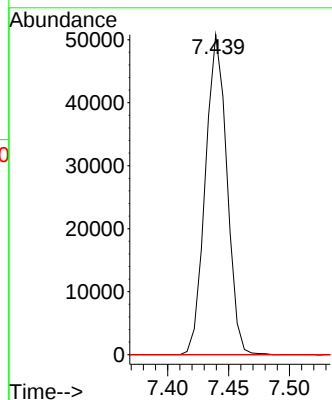
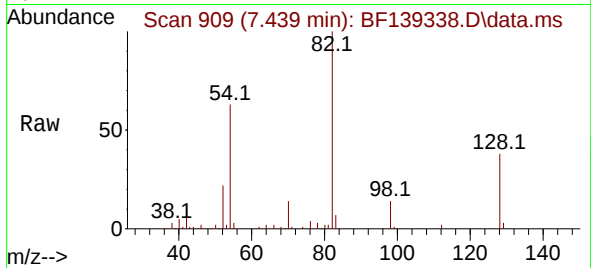




#25
Isophorone
Concen: 8.120 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.271 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

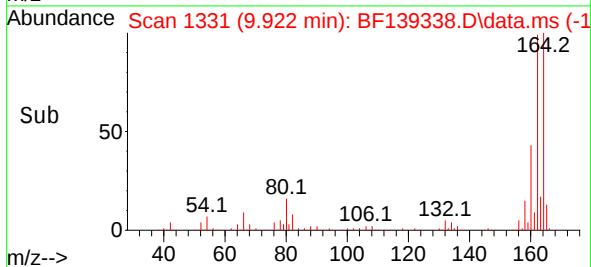
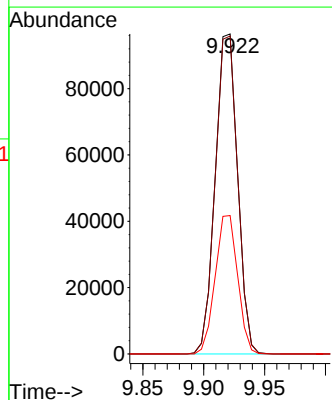
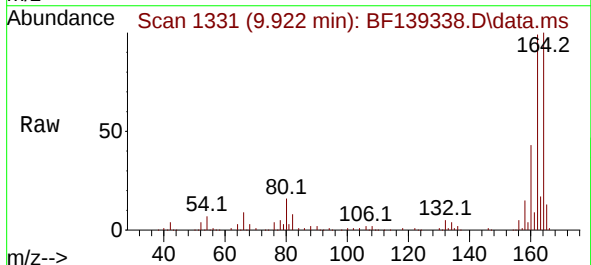
Instrument :
BNA_F
ClientSampleId :
DN-B-34

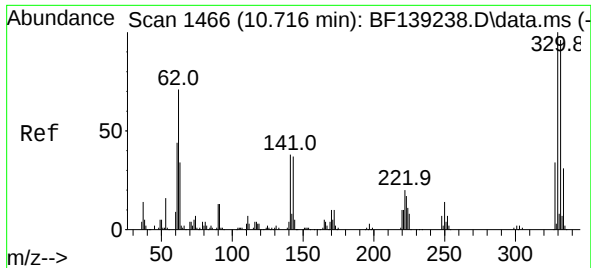
Tgt Ion: 82 Resp: 62390
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139338.D
Acq: 11 Sep 2024 20:55

Tgt Ion:164 Resp: 123170
Ion Ratio Lower Upper
164 100
162 99.3 79.2 118.8
160 43.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 20.072 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF139338.D

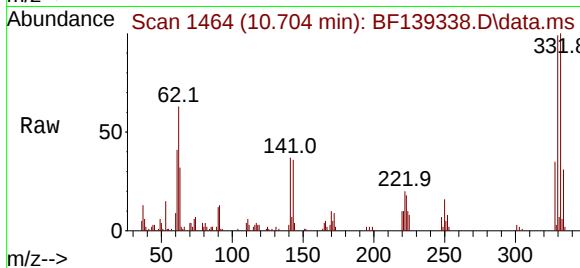
Acq: 11 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

DN-B-34



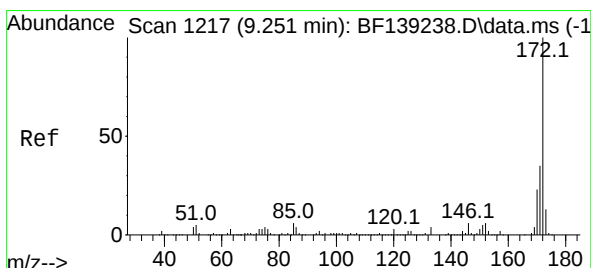
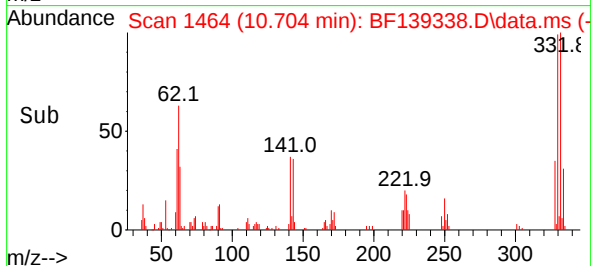
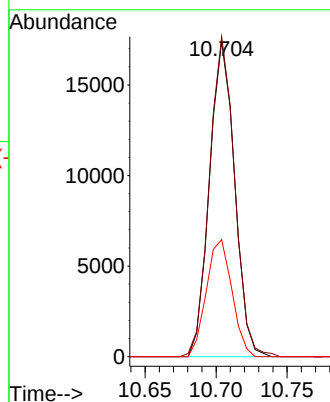
Tgt Ion:330 Resp: 21348

Ion Ratio Lower Upper

330 100

332 101.9 76.6 115.0

141 37.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 13.205 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

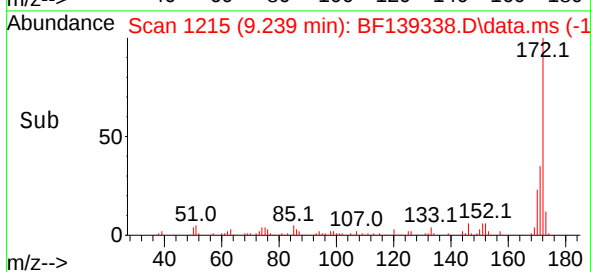
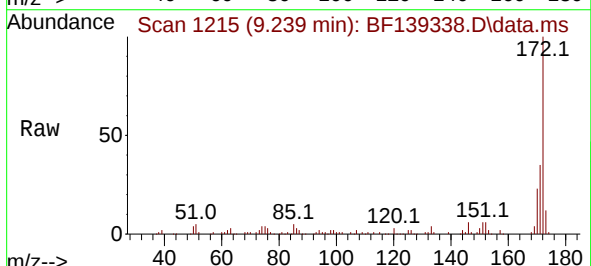
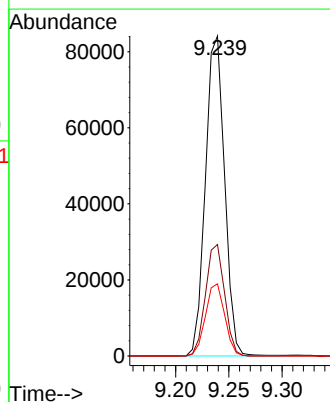
Tgt Ion:172 Resp: 105364

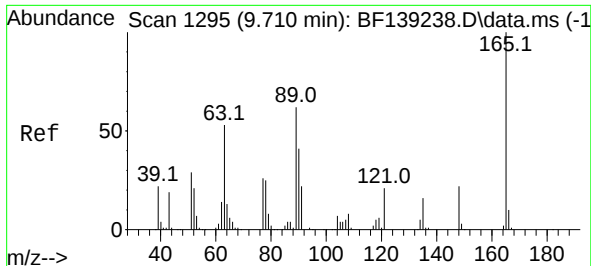
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 22.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.638 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.206 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

DN-B-34

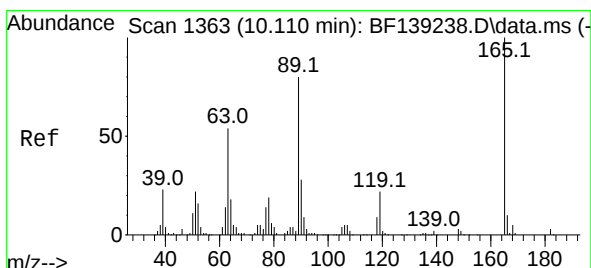
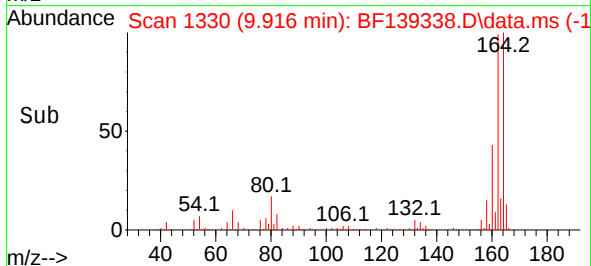
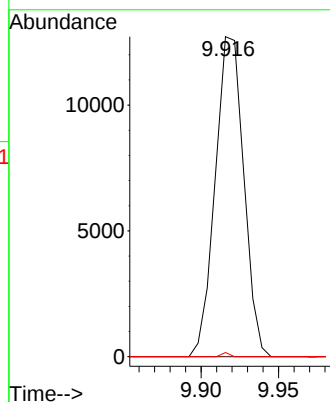
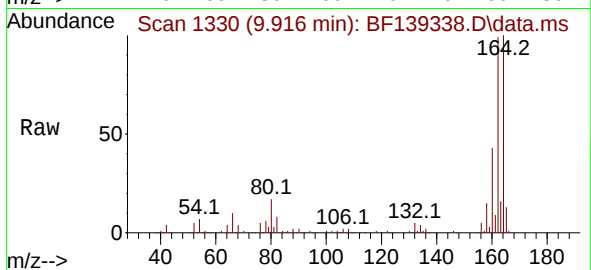
Tgt Ion:165 Resp: 16323

Ion Ratio Lower Upper

165 100

63 0.0 56.1 84.1#

89 1.3 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.572 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

Tgt Ion:165 Resp: 16323

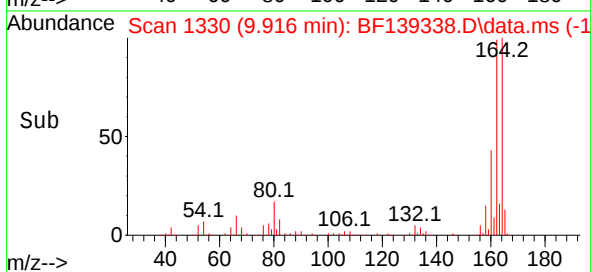
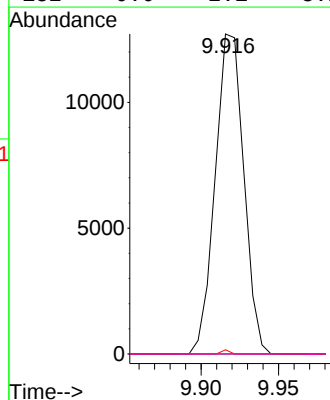
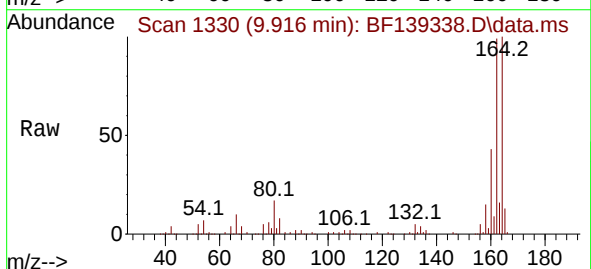
Ion Ratio Lower Upper

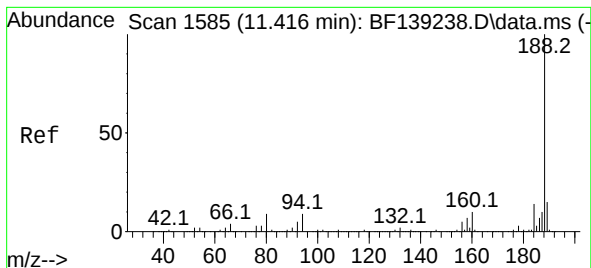
165 100

63 0.0 43.4 65.0#

89 1.3 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

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DN-B-34

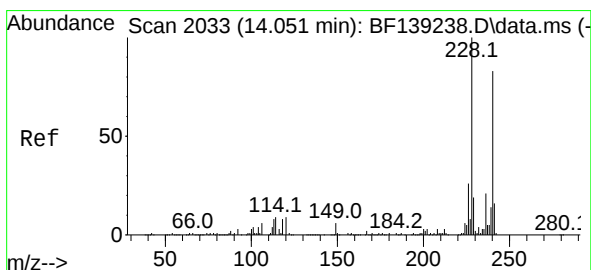
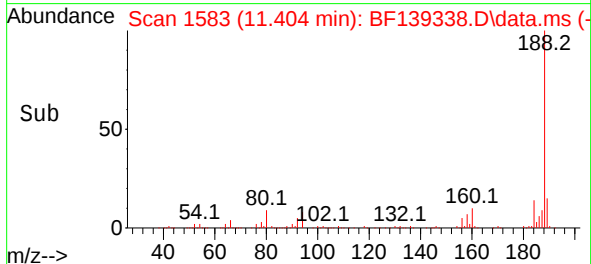
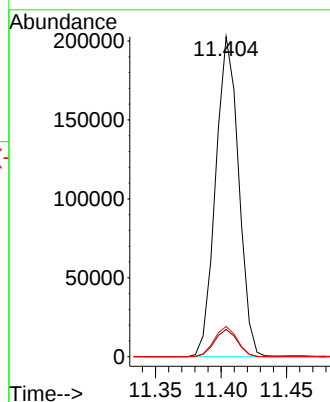
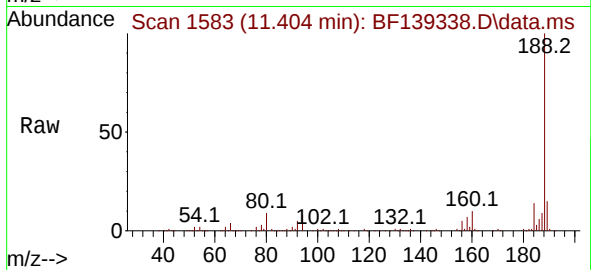
Tgt Ion:188 Resp: 247175

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139338.D

Acq: 11 Sep 2024 20:55

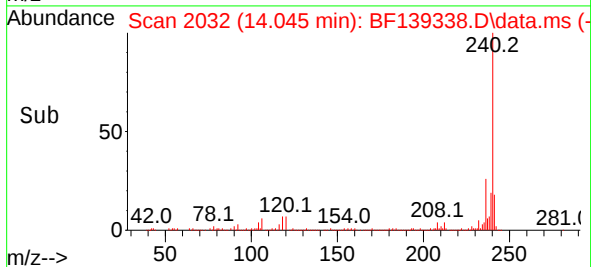
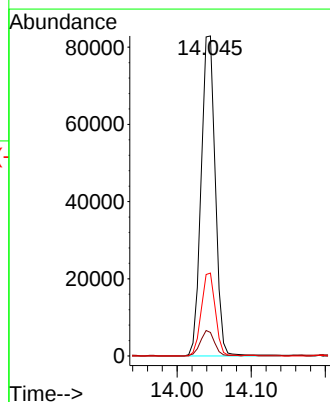
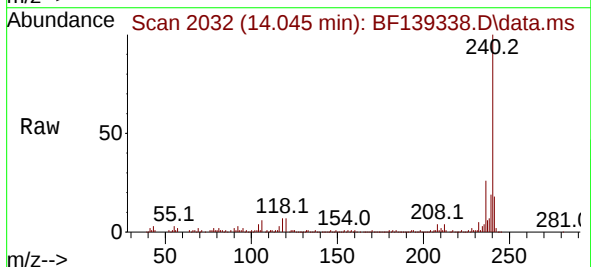
Tgt Ion:240 Resp: 109969

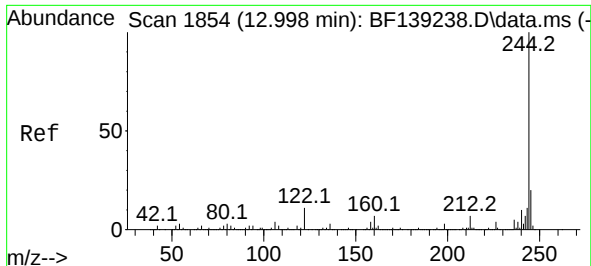
Ion Ratio Lower Upper

240 100

120 7.3 8.6 12.8#

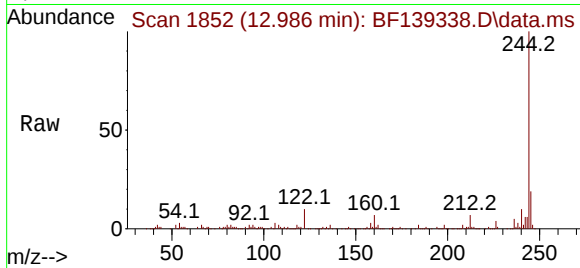
236 25.9 20.7 31.1



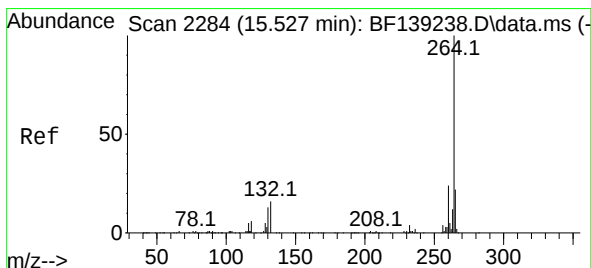
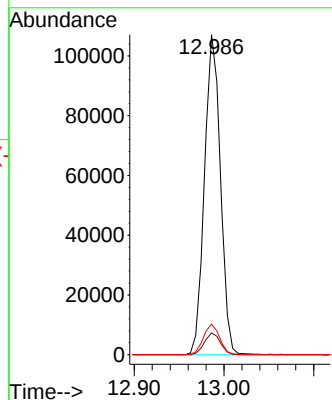
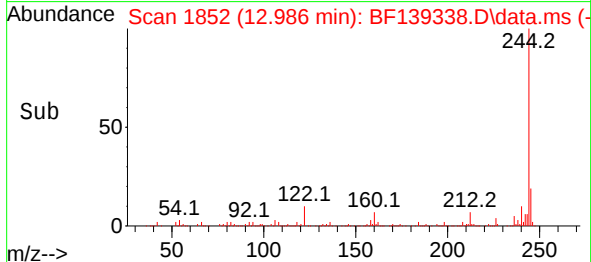


#79
 Terphenyl-d14
 Concen: 19.405 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF139338.D
 Acq: 11 Sep 2024 20:55

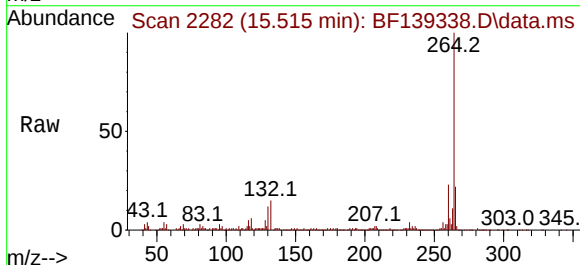
Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34



Tgt Ion:244 Resp: 132170
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.5 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF139338.D
 Acq: 11 Sep 2024 20:55



Tgt Ion:264 Resp: 136979
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.8 17.3 25.9

