

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139534.D
 Acq On : 25 Sep 2024 17:37
 Operator : RC/JU
 Sample : PB163649TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163649TB

Quant Time: Sep 25 19:15:49 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)

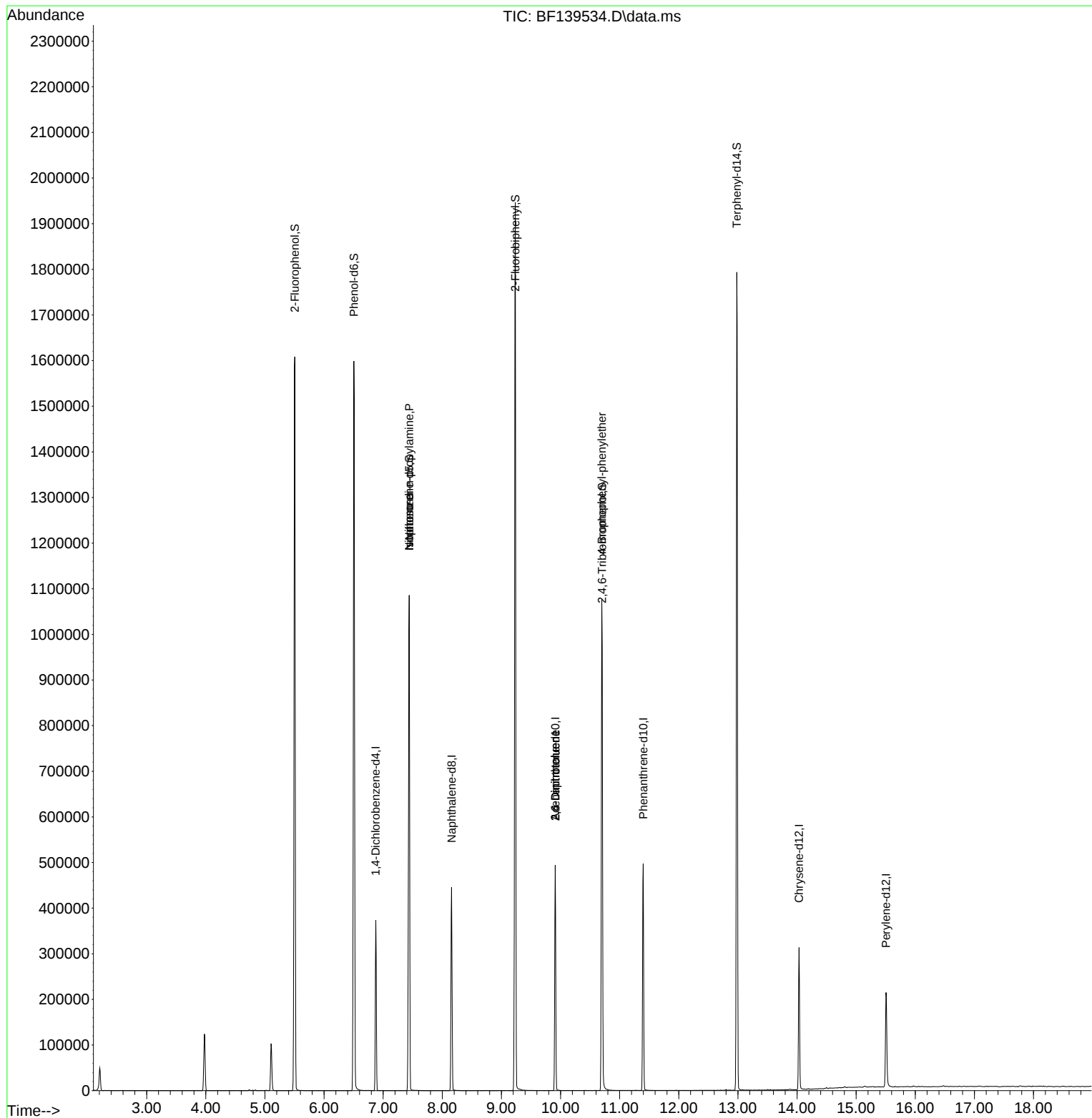
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71468	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	266054	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	143134	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	262330	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148291	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	129720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	561249	128.112	ng	0.01
7) Phenol-d6	6.504	99	720105	125.230	ng	0.00
23) Nitrobenzene-d5	7.440	82	482140	85.194	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	167305	109.792	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	856742	83.949	ng	0.00
79) Terphenyl-d14	12.980	244	875240	96.878	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	65541	19.234	ng	# 74
25) Isophorone	7.440	82	479887	53.617	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17525	8.421	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17525	6.237	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	11378	4.377	ng	# 1

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

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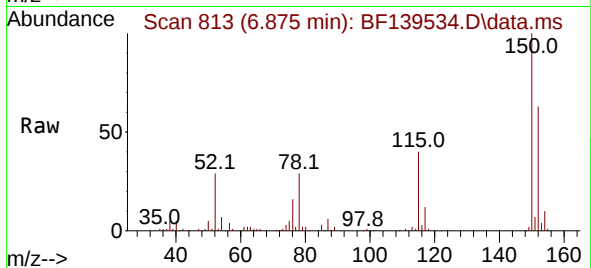
Quant Time: Sep 25 19:15:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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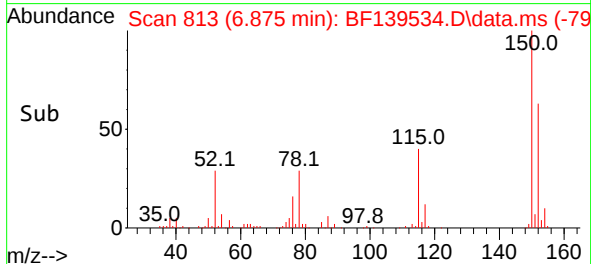
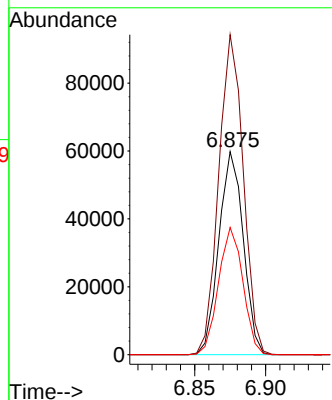


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

Instrument :
BNA_F
ClientSampleId :
PB163649TB

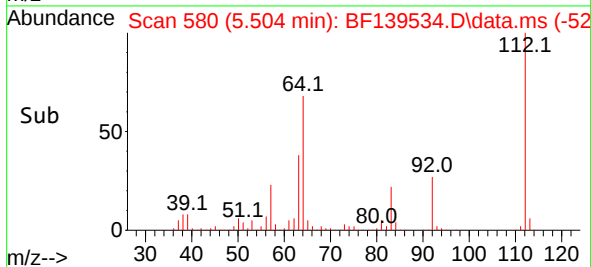
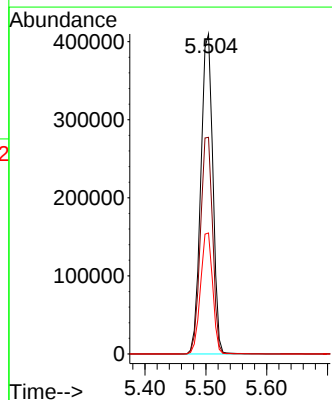
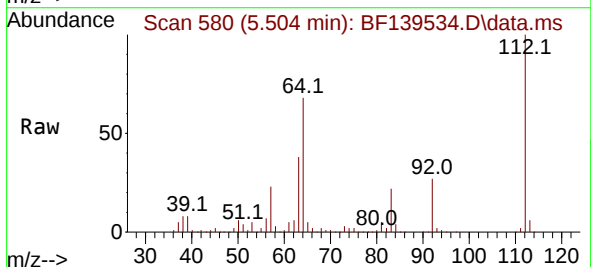


Tgt Ion:152 Resp: 71468
Ion Ratio Lower Upper
152 100
150 157.6 124.1 186.1
115 62.6 48.1 72.1



#5
2-Fluorophenol
Concen: 128.112 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

Tgt Ion:112 Resp: 561249
Ion Ratio Lower Upper
112 100
64 67.7 54.8 82.2
63 37.8 33.0 49.4

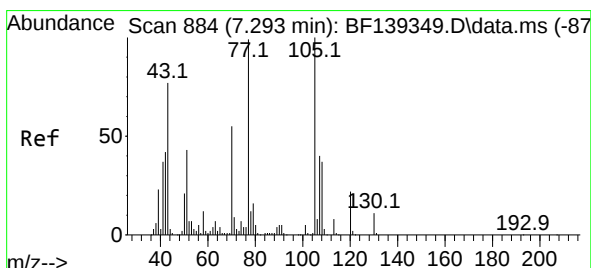
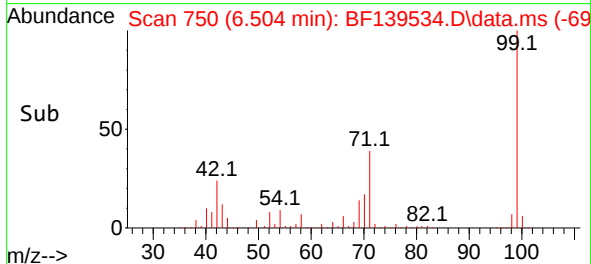
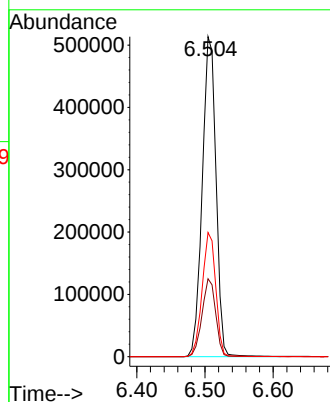
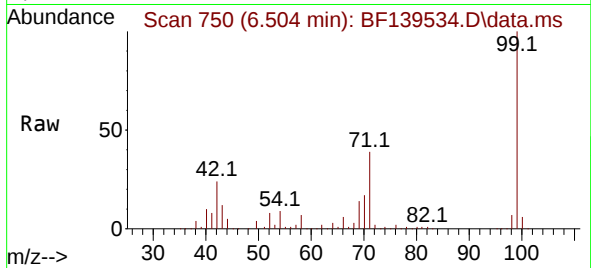




#7
Phenol-d6
Concen: 125.230 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

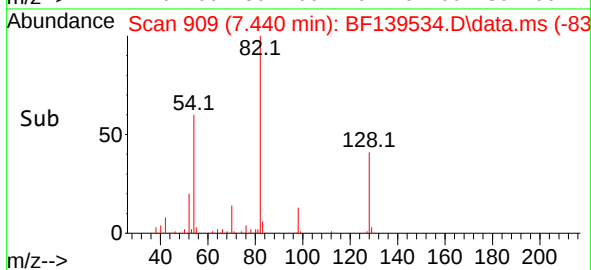
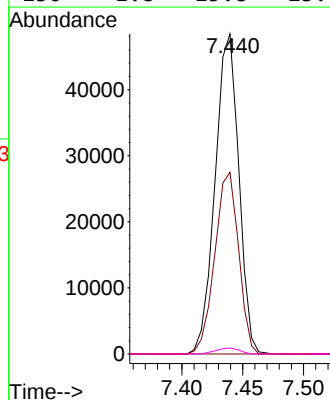
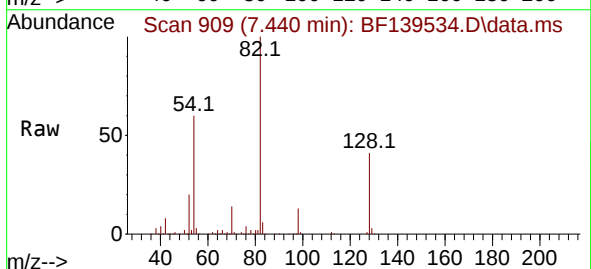
Instrument :
BNA_F
ClientSampleId :
PB163649TB

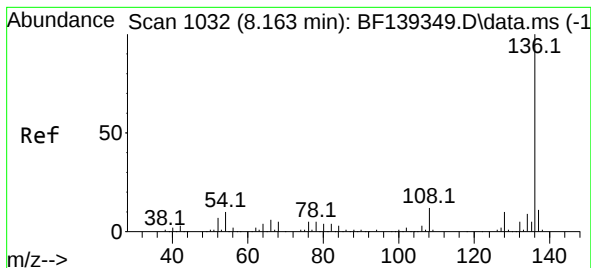
Tgt Ion: 99 Resp: 720105
Ion Ratio Lower Upper
99 100
42 24.3 21.9 32.9
71 38.8 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.234 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

Tgt Ion: 70 Resp: 65541
Ion Ratio Lower Upper
70 100
42 56.7 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 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: BF139534.D

Acq: 25 Sep 2024 17:37

Instrument :

BNA_F

ClientSampleId :

PB163649TB

Tgt Ion:136 Resp: 266054

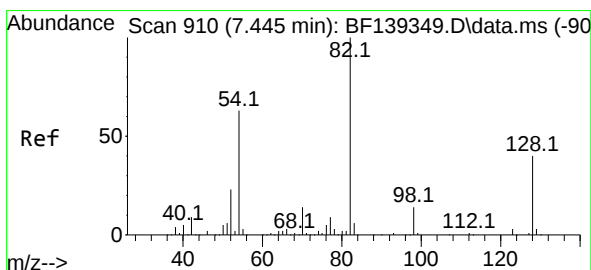
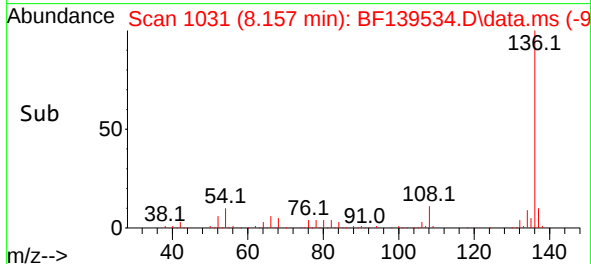
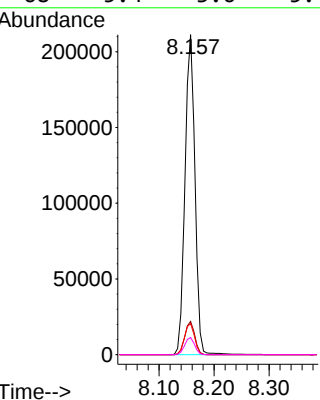
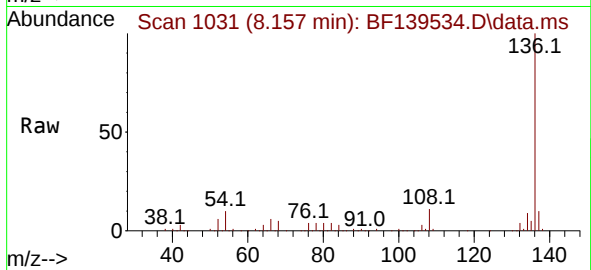
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 9.7 7.8 11.8

68 5.4 3.6 5.4



#23

Nitrobenzene-d5

Concen: 85.194 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139534.D

Acq: 25 Sep 2024 17:37

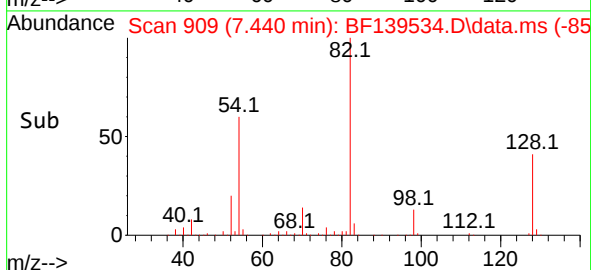
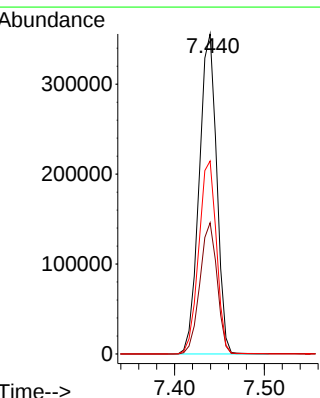
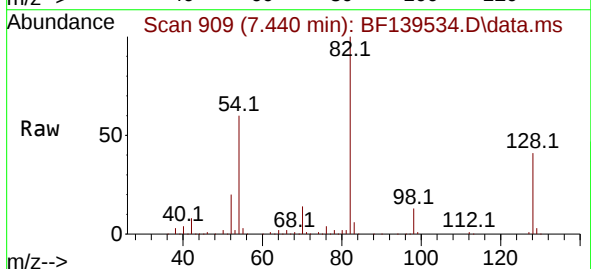
Tgt Ion: 82 Resp: 482140

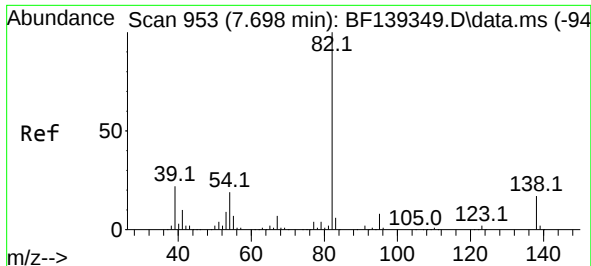
Ion Ratio Lower Upper

82 100

128 41.0 31.8 47.6

54 60.3 50.6 75.8

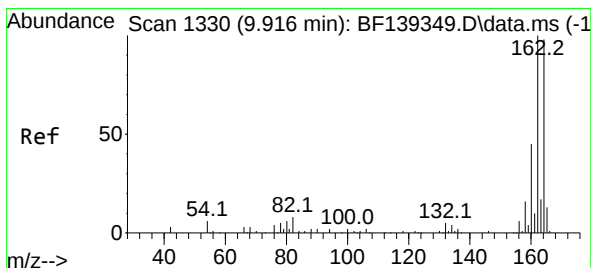
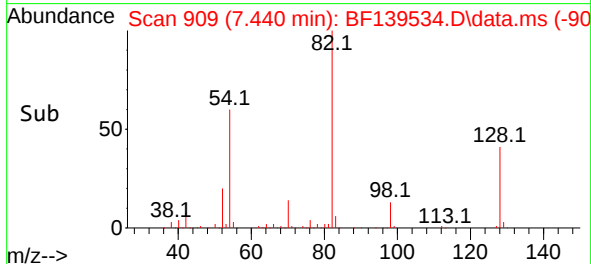
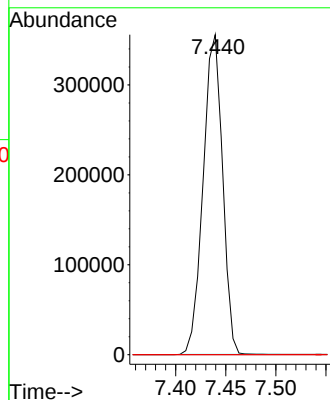
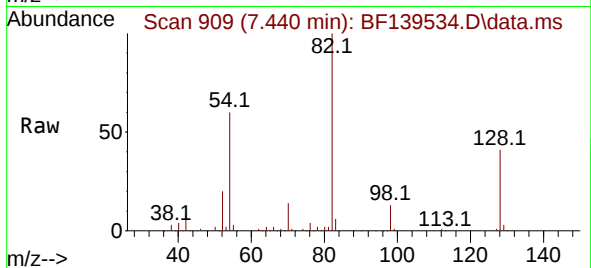




#25
Isophorone
Concen: 53.617 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

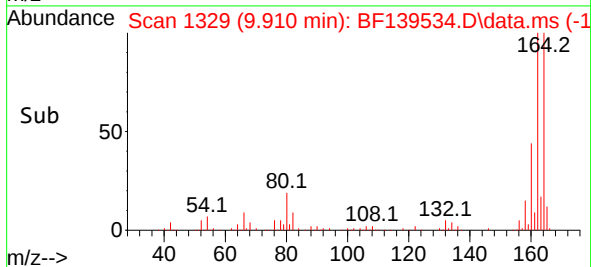
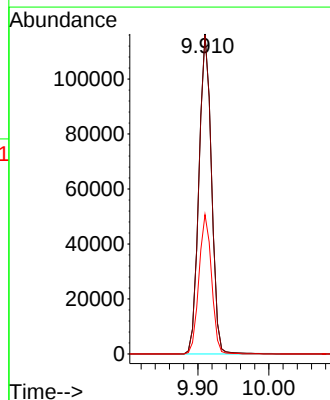
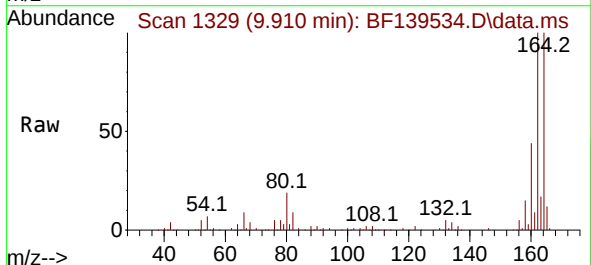
Instrument :
BNA_F
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PB163649TB

Tgt Ion: 82 Resp: 479887
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: BF139534.D
Acq: 25 Sep 2024 17:37

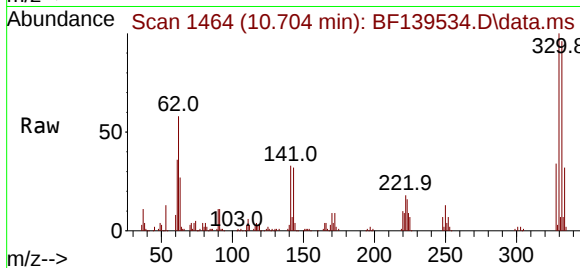
Tgt Ion: 164 Resp: 143134
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 43.5 36.4 54.6



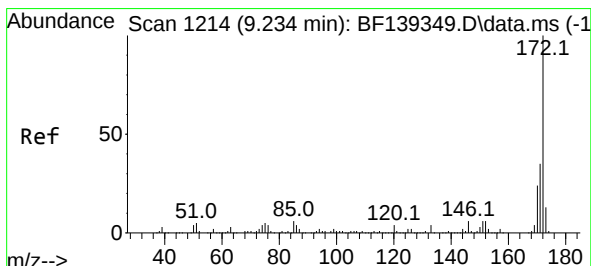
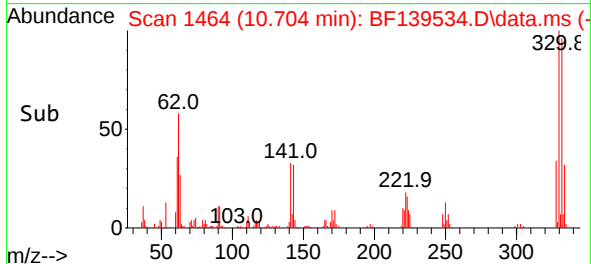
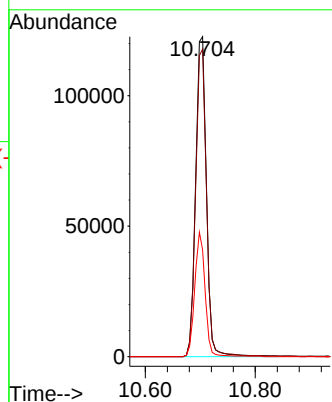


#42
2,4,6-Tribromophenol
Concen: 109.792 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

Instrument :
BNA_F
ClientSampleId :
PB163649TB

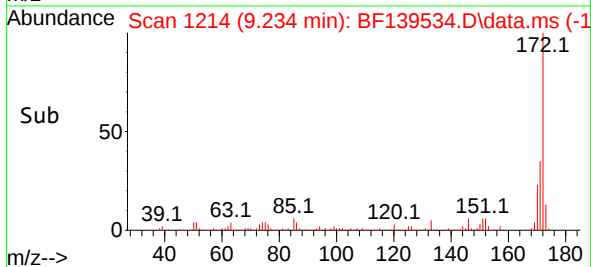
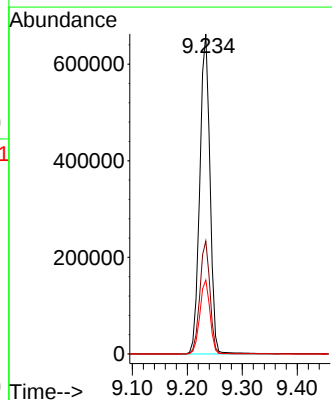
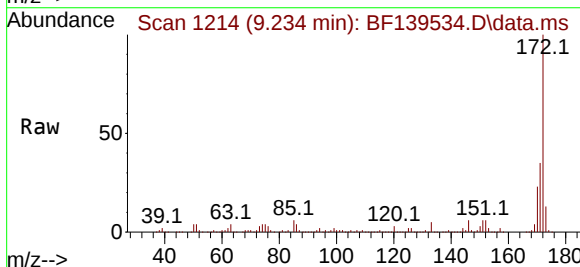


Tgt Ion: 330 Resp: 167305
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 37.3 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 83.949 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

Tgt Ion: 172 Resp: 856742
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.421 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139534.D

Acq: 25 Sep 2024 17:37

Instrument :

BNA_F

ClientSampleId :

PB163649TB

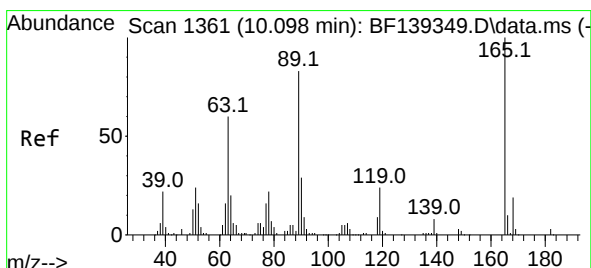
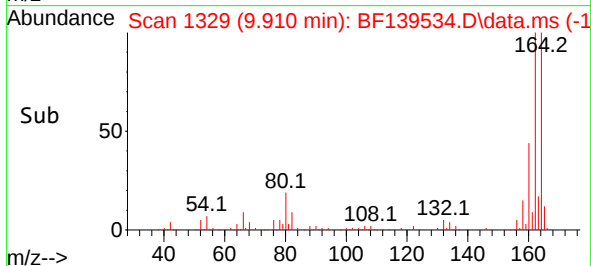
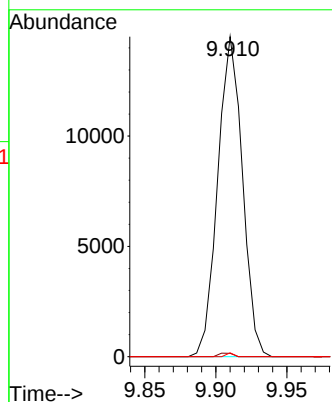
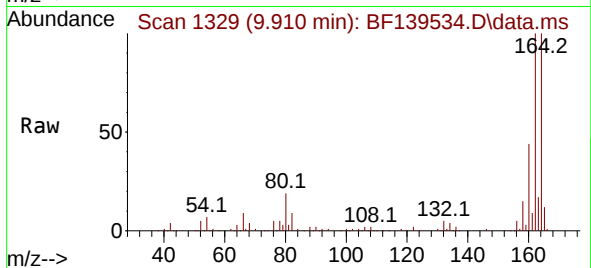
Tgt Ion:165 Resp: 17525

Ion Ratio Lower Upper

165 100

63 1.1 60.9 91.3#

89 1.2 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.237 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139534.D

Acq: 25 Sep 2024 17:37

Tgt Ion:165 Resp: 17525

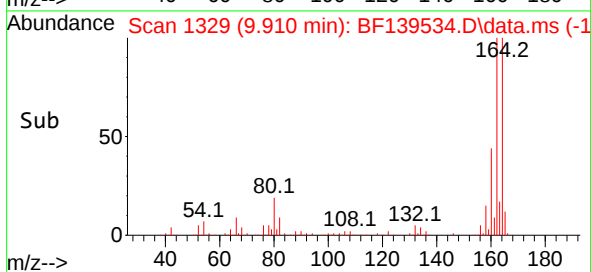
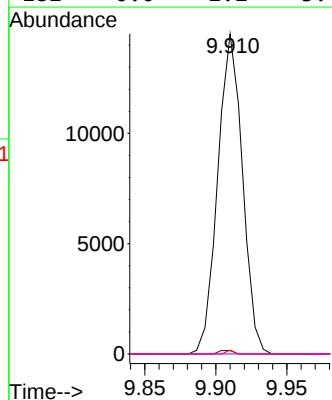
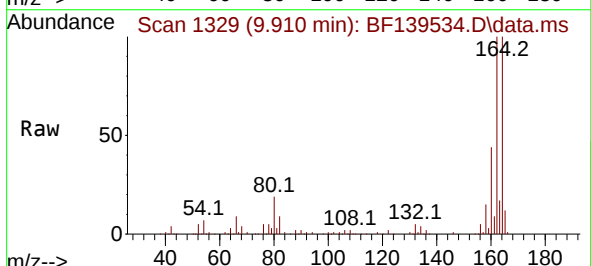
Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.6#

89 1.2 66.7 100.1#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139534.D

Acq: 25 Sep 2024 17:37

Instrument :

BNA_F

ClientSampleId :

PB163649TB

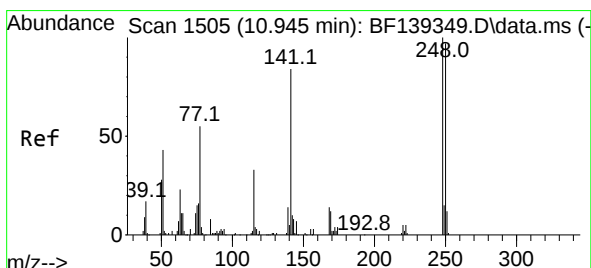
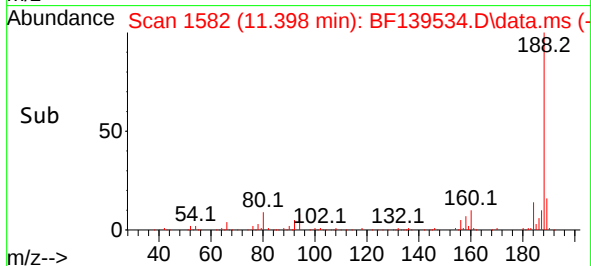
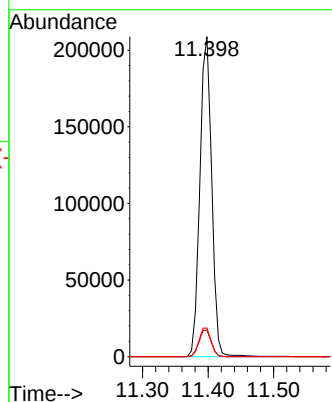
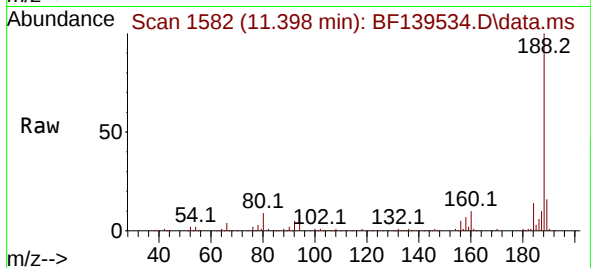
Tgt Ion:188 Resp: 262330

Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3#

80 9.0 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.377 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139534.D

Acq: 25 Sep 2024 17:37

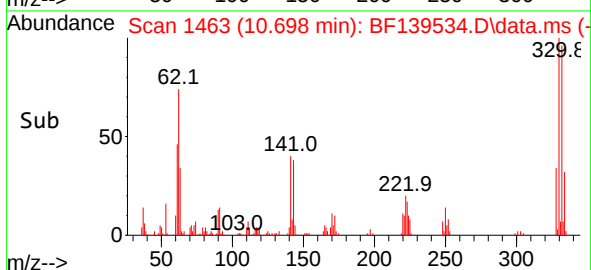
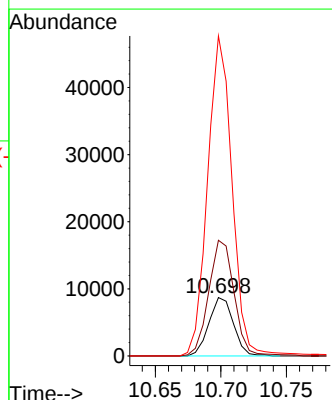
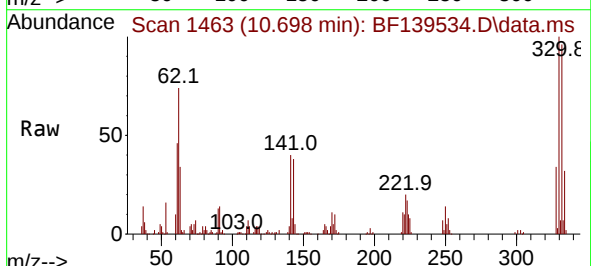
Tgt Ion:248 Resp: 11378

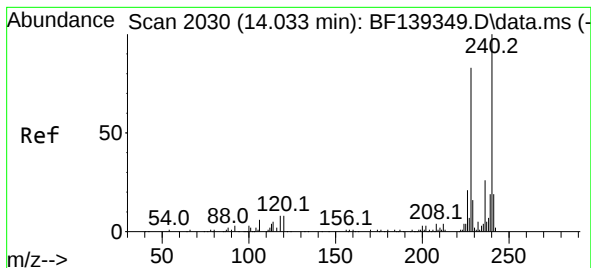
Ion Ratio Lower Upper

248 100

250 198.0 77.6 116.4#

141 547.5 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: BF139534.D

Acq: 25 Sep 2024 17:37

Instrument :

BNA_F

ClientSampleId :

PB163649TB

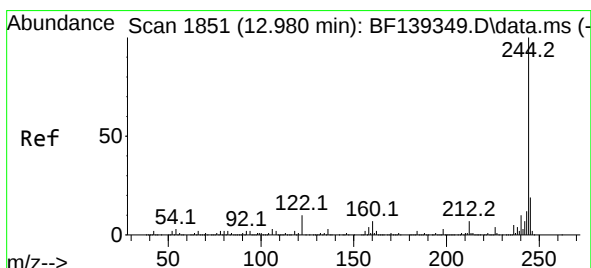
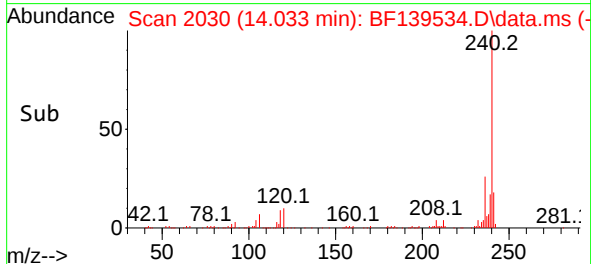
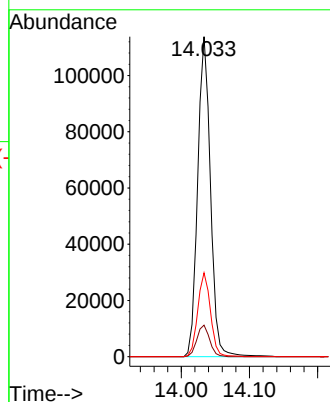
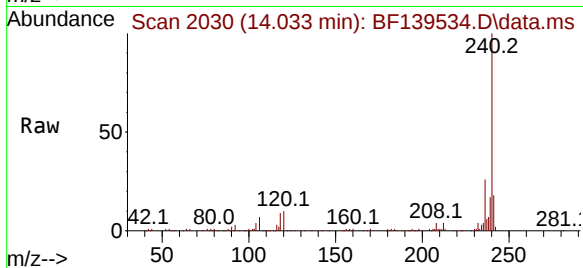
Tgt Ion:240 Resp: 148291

Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 96.878 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139534.D

Acq: 25 Sep 2024 17:37

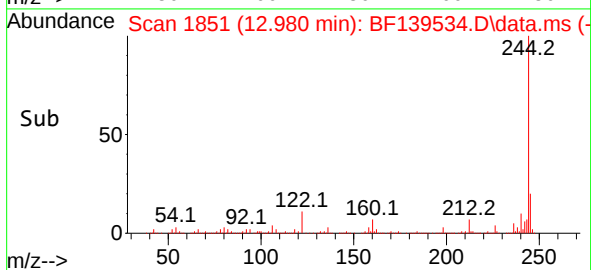
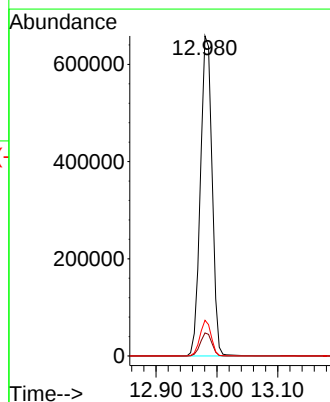
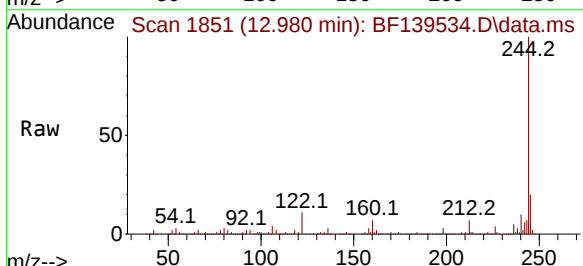
Tgt Ion:244 Resp: 875240

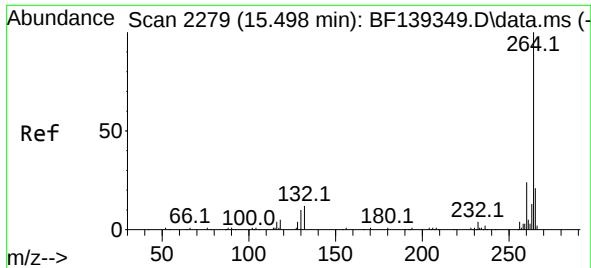
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.2 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139534.D
Acq: 25 Sep 2024 17:37

Instrument :
BNA_F
ClientSampleId :
PB163649TB

Tgt Ion:264 Resp: 129720
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.2 16.6 25.0

