

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139337.D
 Acq On : 11 Sep 2024 20:28
 Operator : RC/JU
 Sample : P3930-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-33

Quant Time: Sep 12 05:19:54 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)

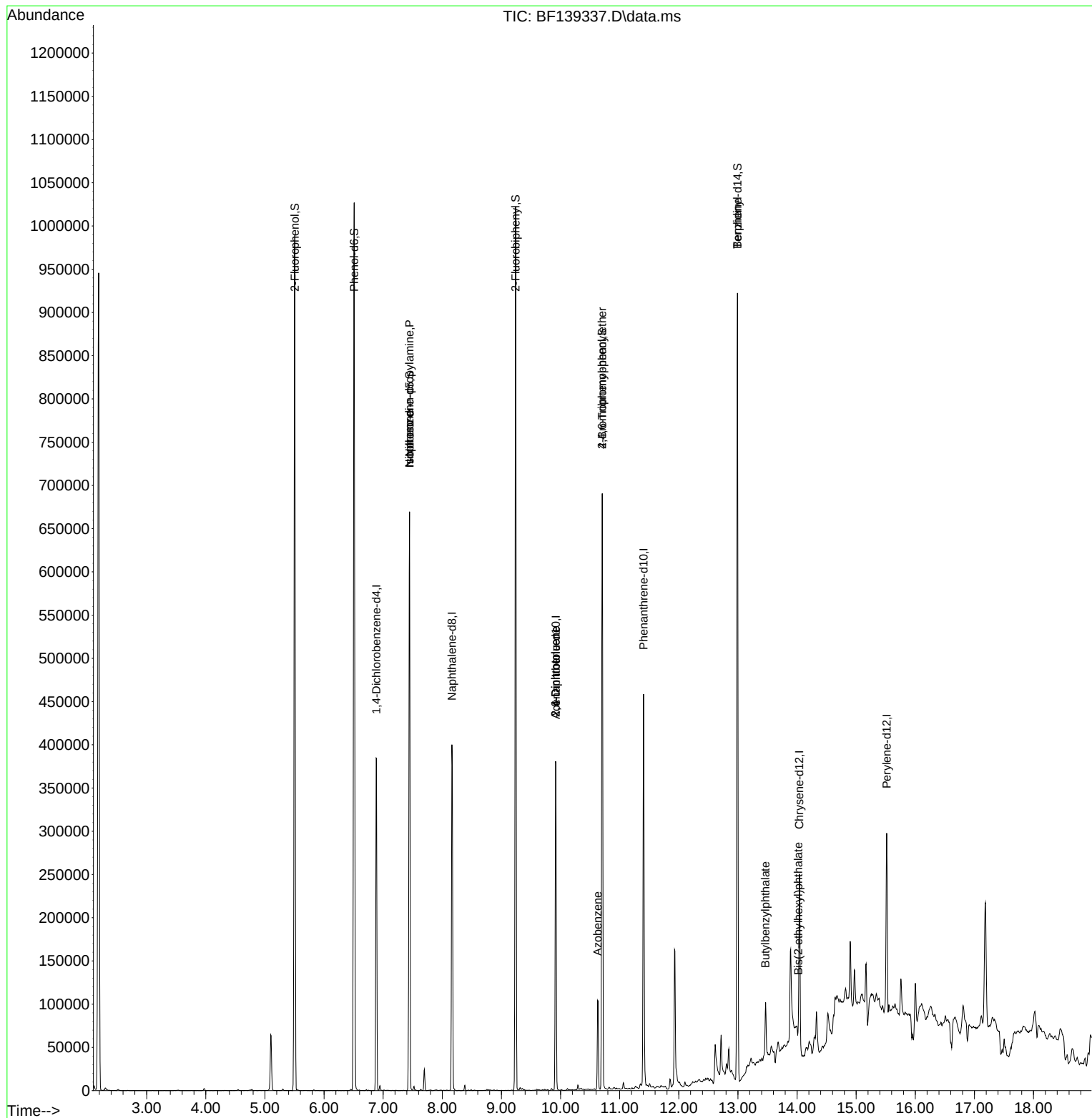
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	76775	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	232914	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	113914	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	231133	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	94425	20.000	ng	#-0.01
86) Perylene-d12	15.516	264	114775	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	324356	70.675	ng	0.00
7) Phenol-d6	6.510	99	425600	69.465	ng	0.00
23) Nitrobenzene-d5	7.445	82	272330	60.827	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	100316	101.982	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	414136	56.119	ng	-0.01
79) Terphenyl-d14	12.992	244	426954	73.005	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	38266	10.844	ng	# 76
25) Isophorone	7.445	82	272328	35.578	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	14761	9.424	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	14761	7.404	ng	# 19
63) Azobenzene	10.628	77	26954	3.764	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	7183	3.203	ng	# 1
77) Benzidine	12.992	184	6797	3.575	ng	# 93
80) Butylbenzylphthalate	13.463	149	4630	2.156	ng	89
84) Bis(2-ethylhexyl)phtha...	14.022	149	7604	3.017	ng	# 99

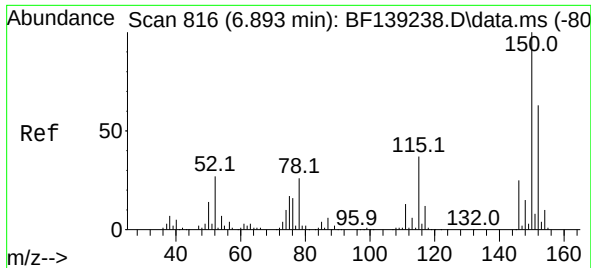
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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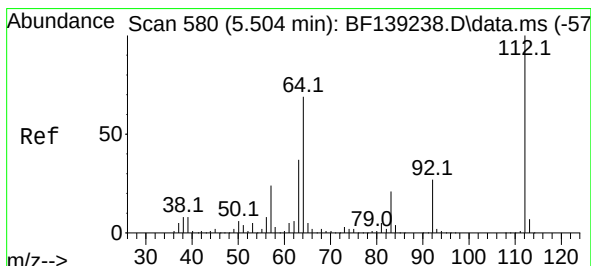
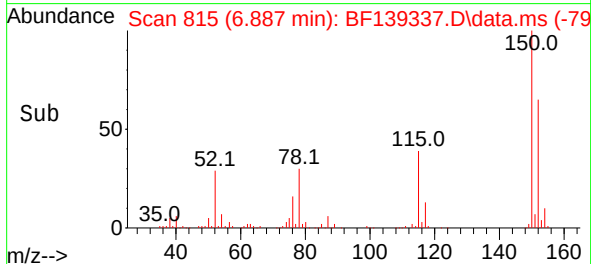
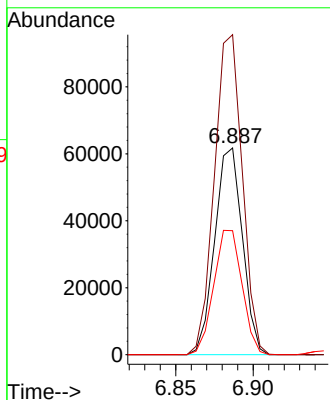
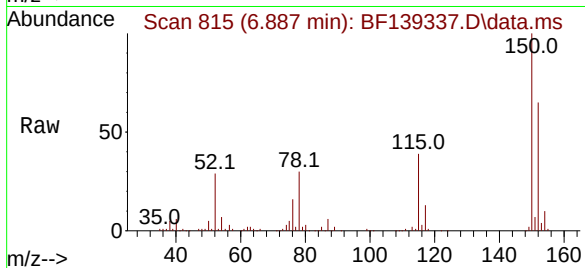




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

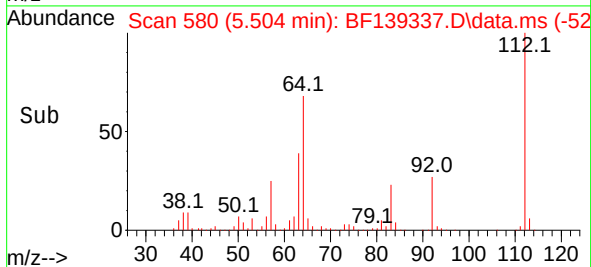
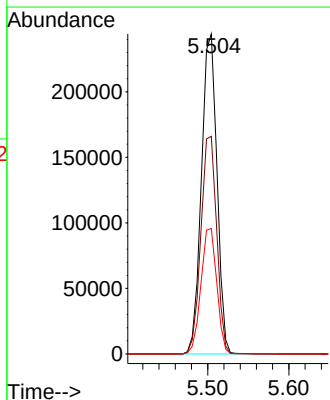
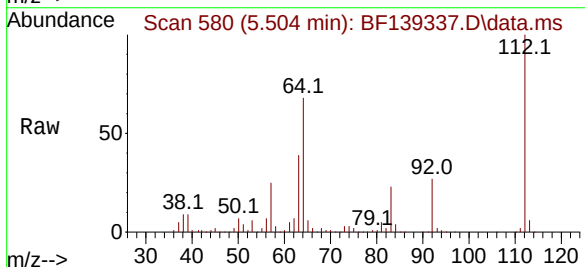
Instrument :
BNA_F
ClientSampleId :
DN-B-33

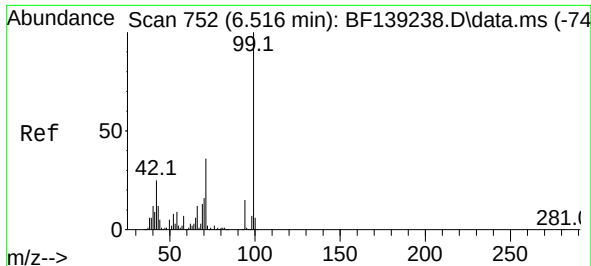
Tgt Ion:152 Resp: 76775
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.4
115 60.0 46.9 70.3



#5
2-Fluorophenol
Concen: 70.675 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

Tgt Ion:112 Resp: 324356
Ion Ratio Lower Upper
112 100
64 68.0 55.0 82.4
63 39.2 29.9 44.9

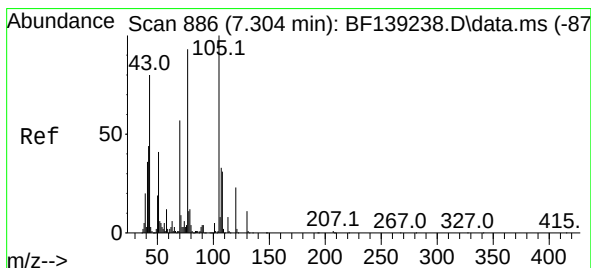
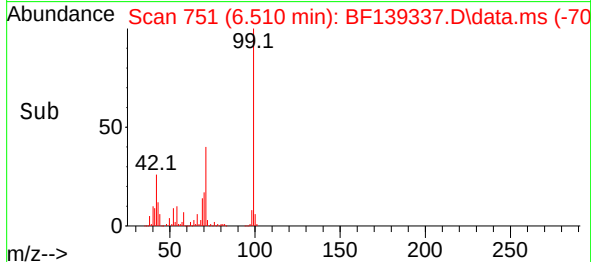
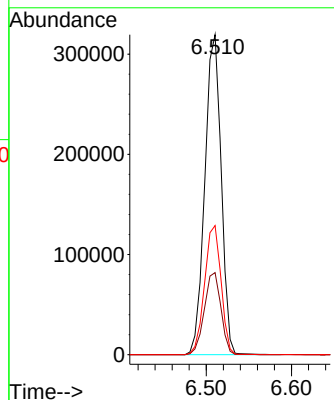
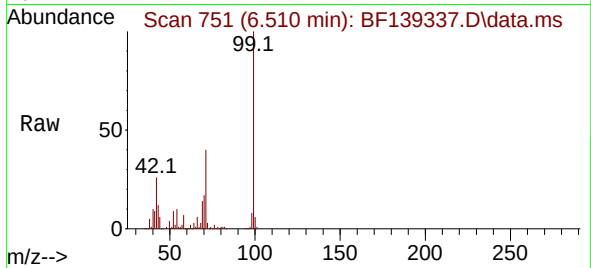




#7
Phenol-d6
Concen: 69.465 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

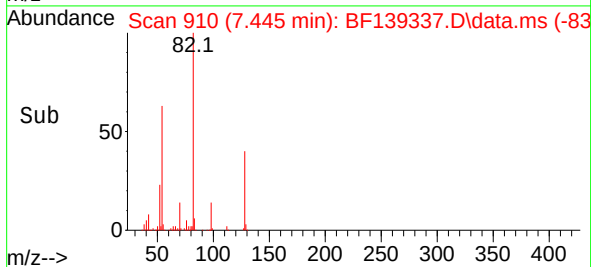
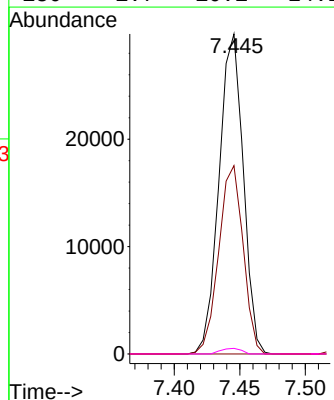
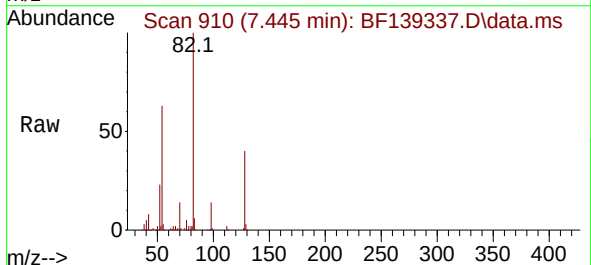
Instrument :
BNA_F
ClientSampleId :
DN-B-33

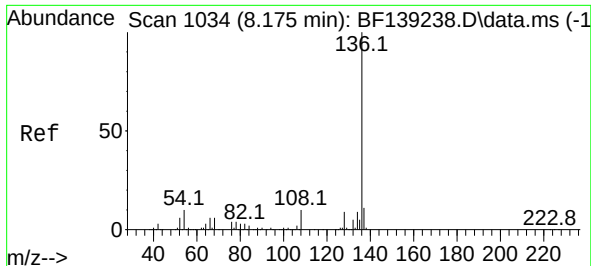
Tgt Ion: 99 Resp: 425600
Ion Ratio Lower Upper
99 100
42 25.6 19.8 29.6
71 40.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.844 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

Tgt Ion: 70 Resp: 38266
Ion Ratio Lower Upper
70 100
42 58.8 61.0 91.6#
101 0.0 7.2 10.8#
130 1.7 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: BF139337.D

Acq: 11 Sep 2024 20:28

Instrument :

BNA_F

ClientSampleId :

DN-B-33

Tgt Ion:136 Resp: 232914

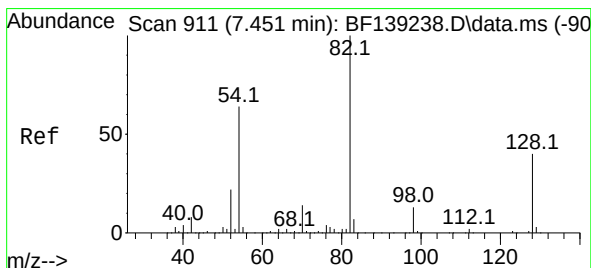
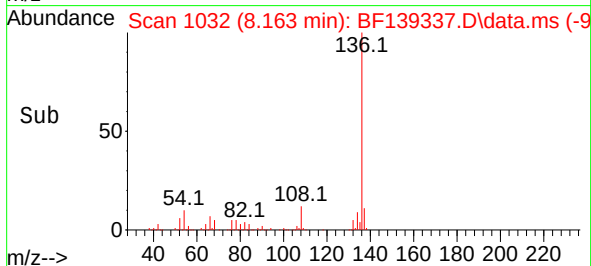
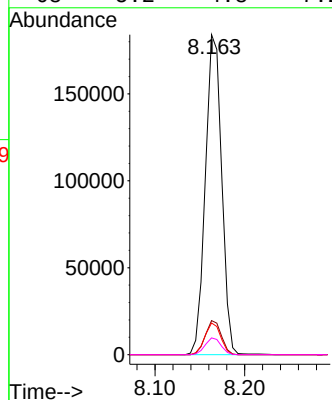
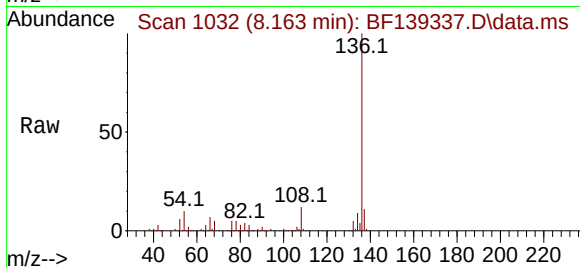
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.9 8.4 12.6

68 5.2 4.8 7.2



#23

Nitrobenzene-d5

Concen: 60.827 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

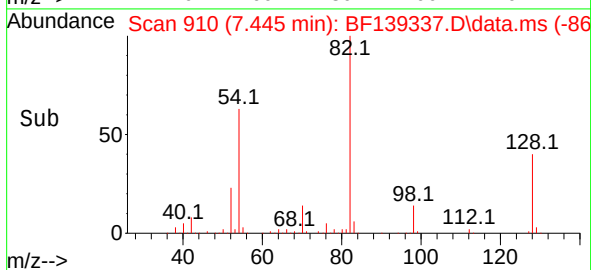
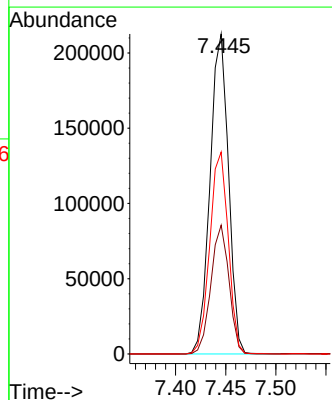
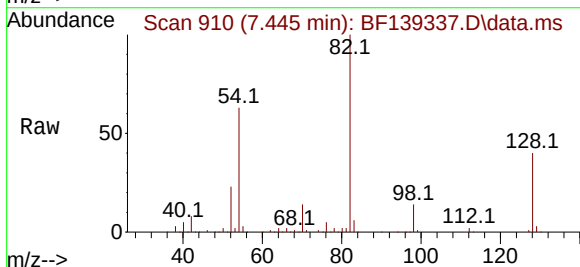
Tgt Ion: 82 Resp: 272330

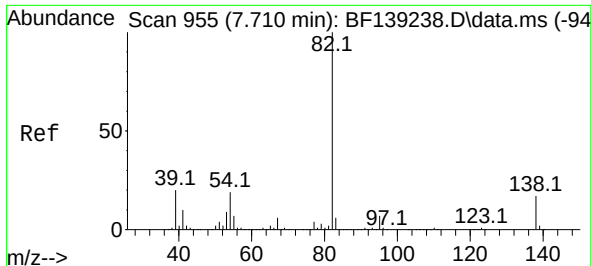
Ion Ratio Lower Upper

82 100

128 40.3 32.3 48.5

54 63.1 51.2 76.8

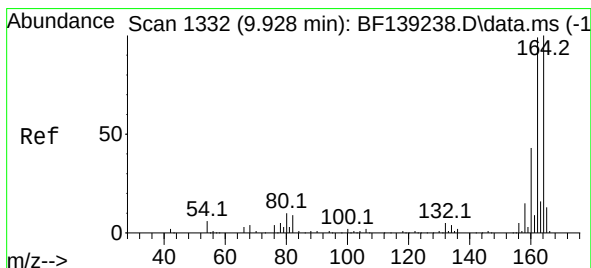
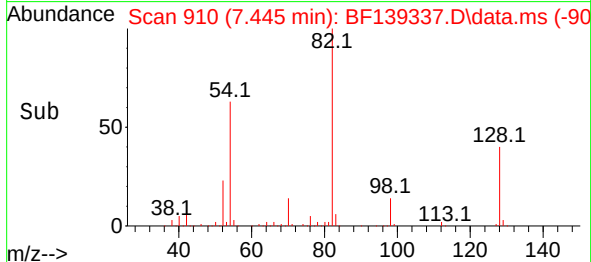
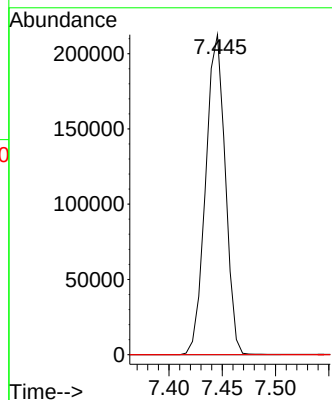
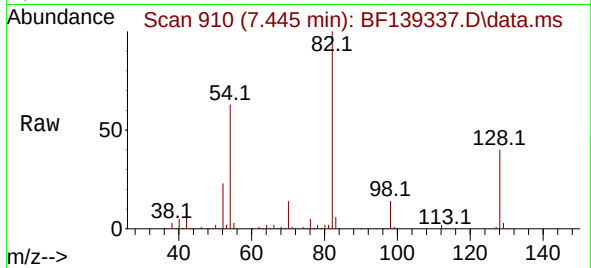




#25
Isophorone
Concen: 35.578 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

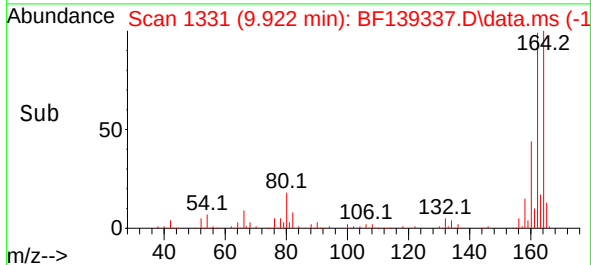
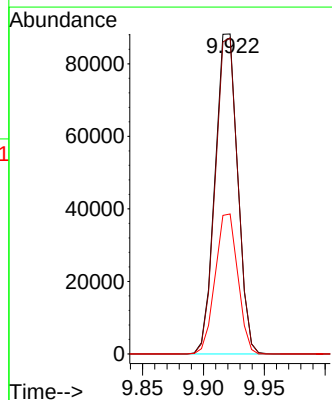
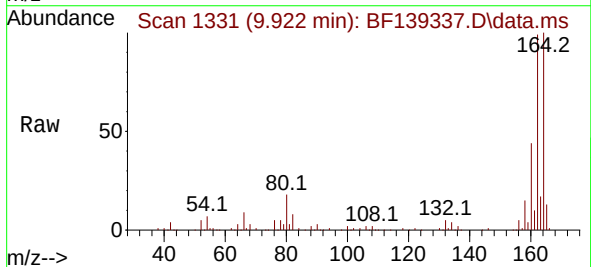
Instrument :
BNA_F
ClientSampleId :
DN-B-33

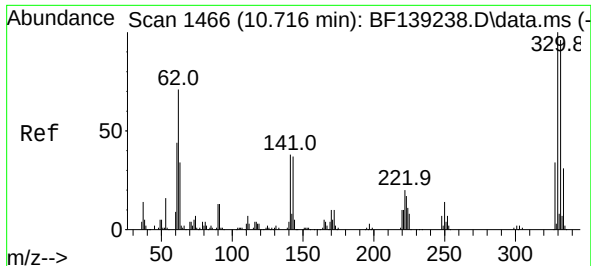
Tgt Ion: 82 Resp: 272328
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

Tgt Ion:164 Resp: 113914
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 101.982 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF139337.D

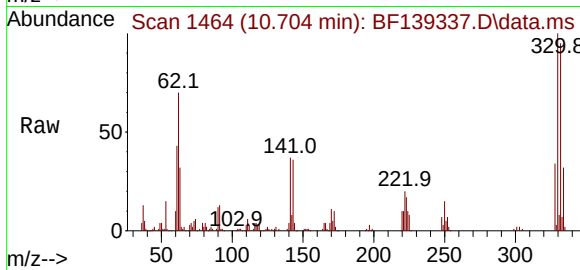
Acq: 11 Sep 2024 20:28

Instrument :

BNA_F

ClientSampleId :

DN-B-33



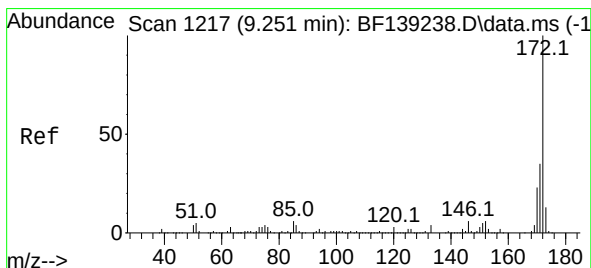
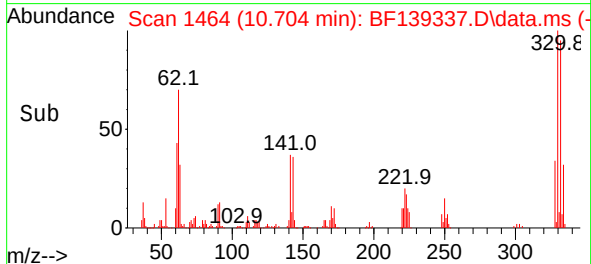
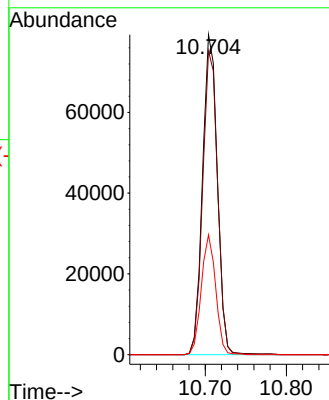
Tgt Ion:330 Resp: 100316

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

141 36.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 56.119 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

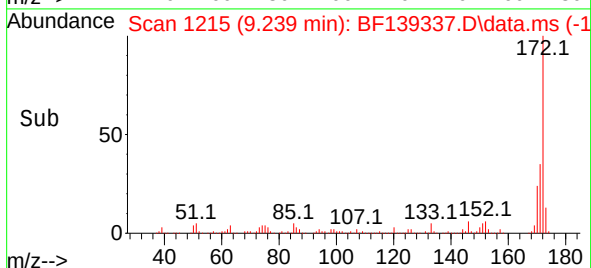
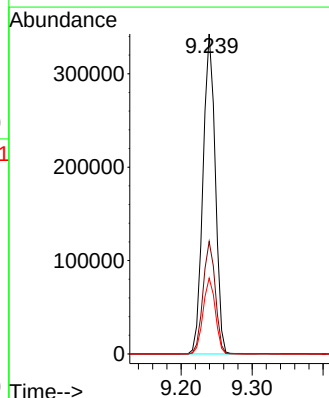
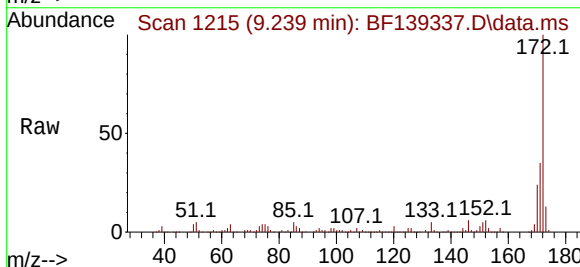
Tgt Ion:172 Resp: 414136

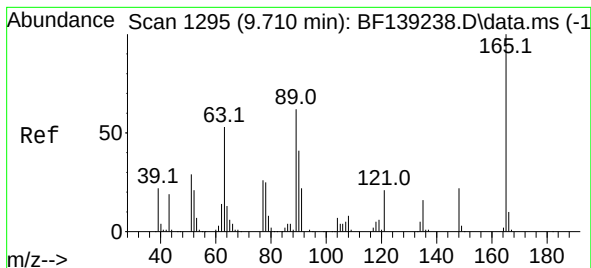
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.424 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.206 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

Instrument :

BNA_F

ClientSampleId :

DN-B-33

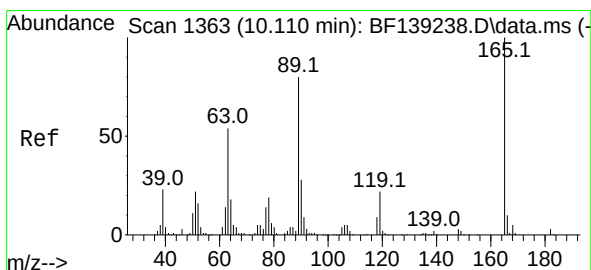
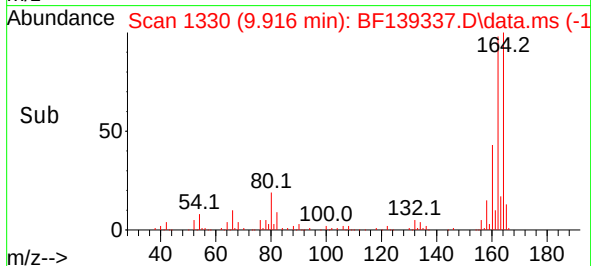
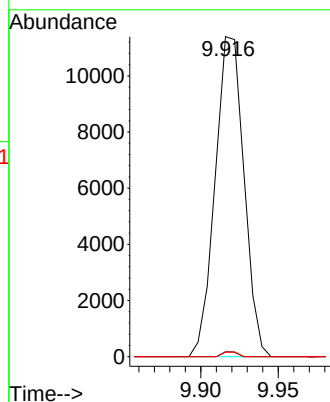
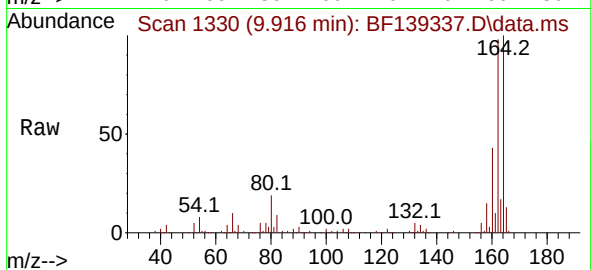
Tgt Ion:165 Resp: 14761

Ion Ratio Lower Upper

165 100

63 1.5 56.1 84.1#

89 1.4 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.404 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

Tgt Ion:165 Resp: 14761

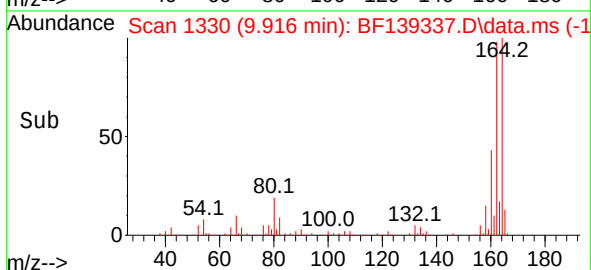
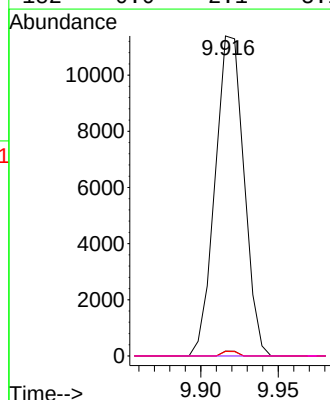
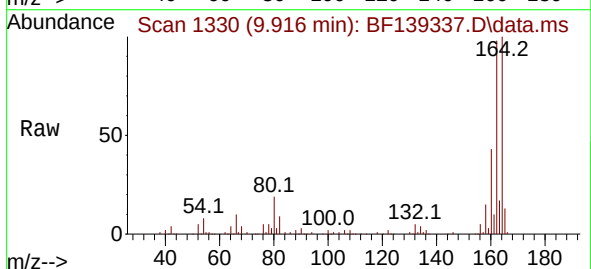
Ion Ratio Lower Upper

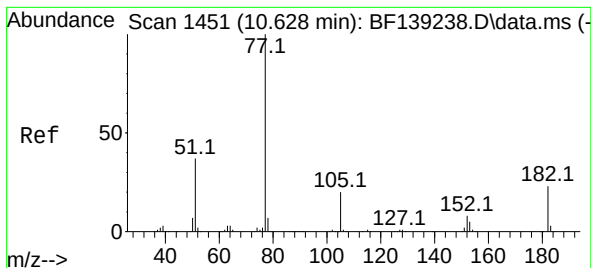
165 100

63 1.5 43.4 65.0#

89 1.4 64.2 96.4#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.764 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

Instrument :

BNA_F

ClientSampleId :

DN-B-33

Tgt Ion: 77 Resp: 26954

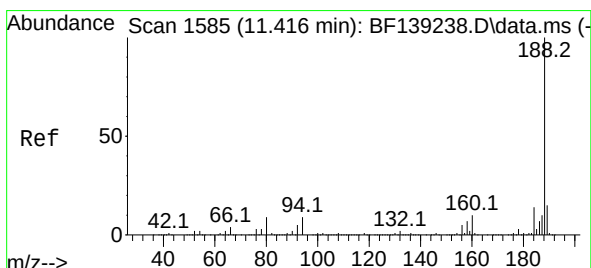
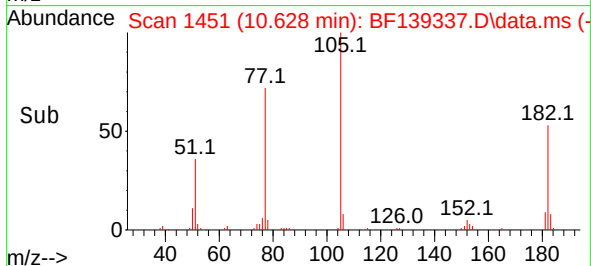
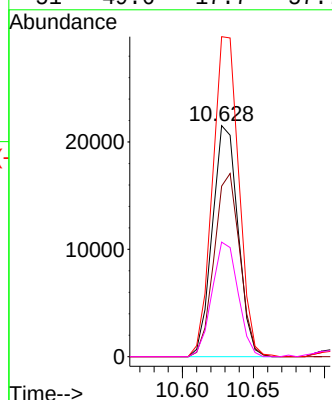
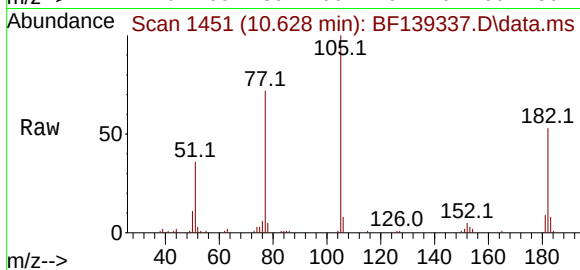
Ion Ratio Lower Upper

77 100

182 73.8 3.0 43.0#

105 138.5 0.0 39.4#

51 49.6 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

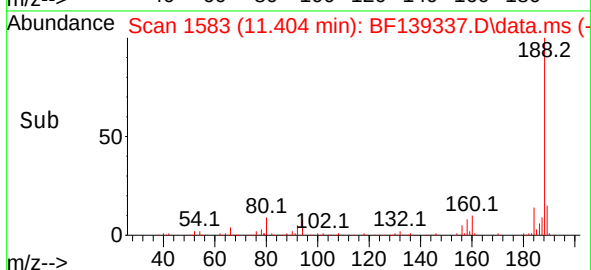
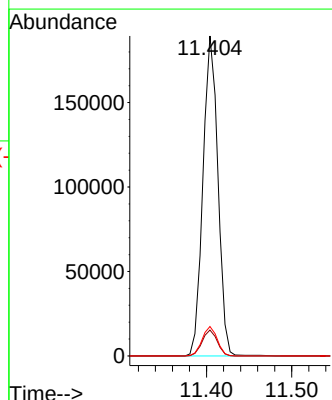
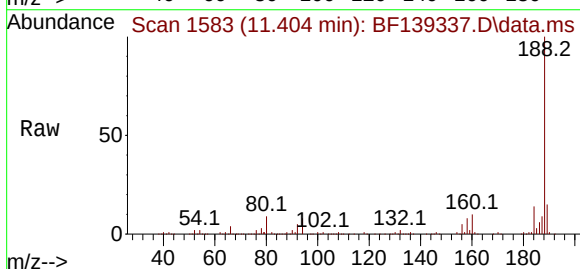
Tgt Ion: 188 Resp: 231133

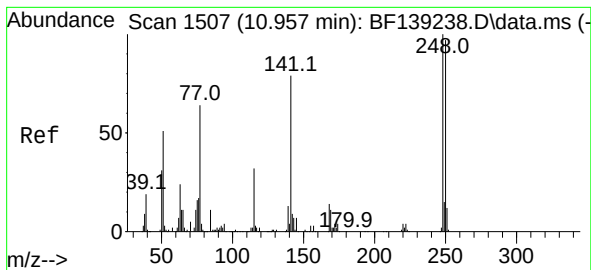
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 9.2 7.3 10.9

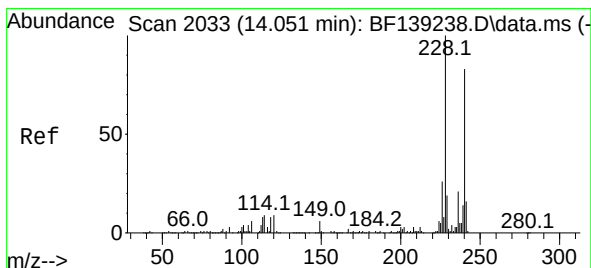
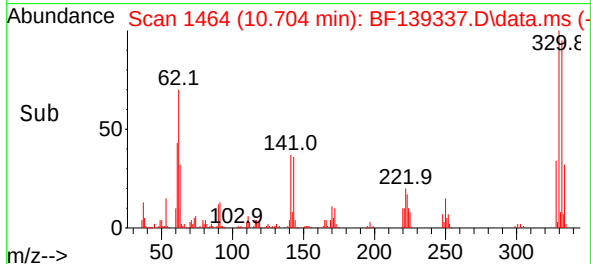
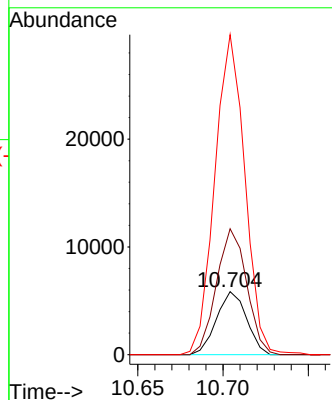
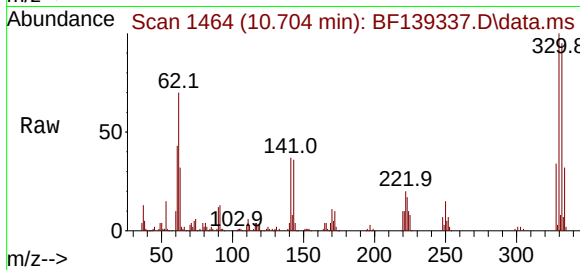




#67
4-Bromophenyl-phenylether
Concen: 3.203 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

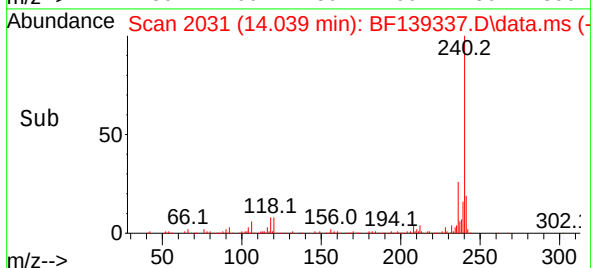
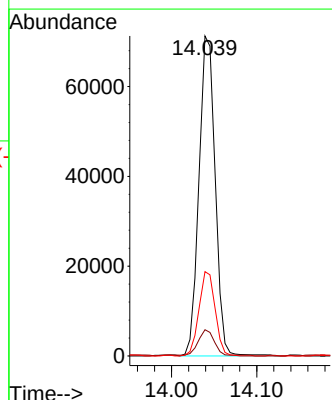
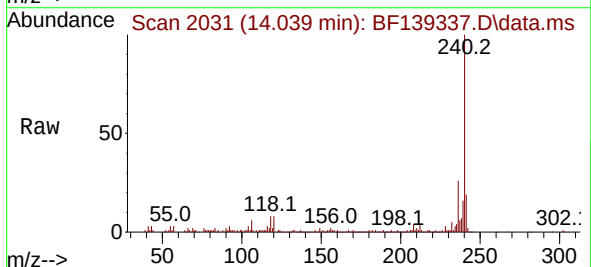
Instrument :
BNA_F
ClientSampleId :
DN-B-33

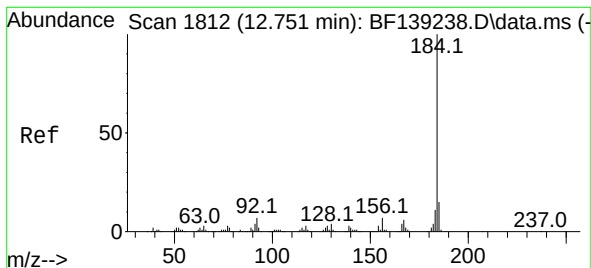
Tgt Ion:248 Resp: 7183
Ion Ratio Lower Upper
248 100
250 199.7 77.2 115.8#
141 507.5 63.6 95.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

Tgt Ion:240 Resp: 94425
Ion Ratio Lower Upper
240 100
120 8.2 8.6 12.8#
236 26.3 20.7 31.1





#77

Benzidine

Concen: 3.575 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

Instrument :

BNA_F

ClientSampleId :

DN-B-33

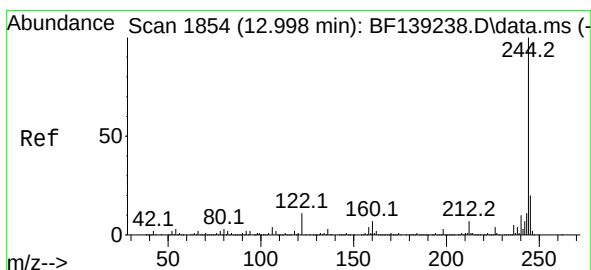
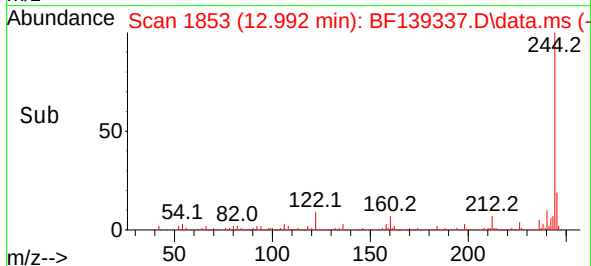
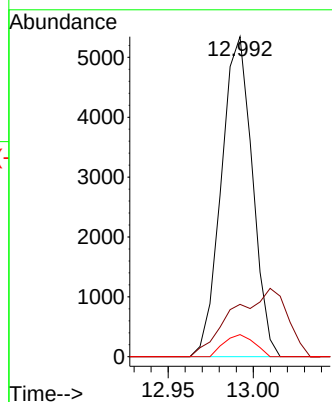
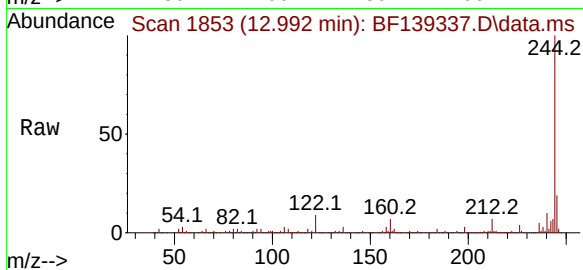
Tgt Ion:184 Resp: 6797

Ion Ratio Lower Upper

184 100

185 16.4 11.9 17.9

183 6.9 8.8 13.2#



#79

Terphenyl-d14

Concen: 73.005 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

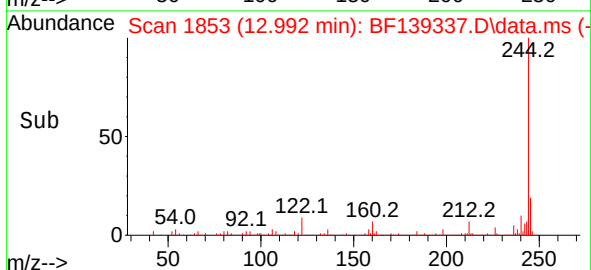
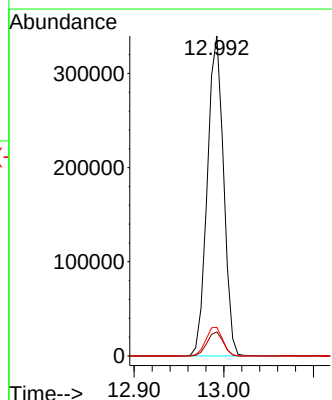
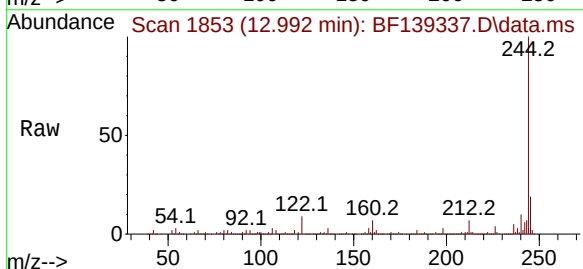
Tgt Ion:244 Resp: 426954

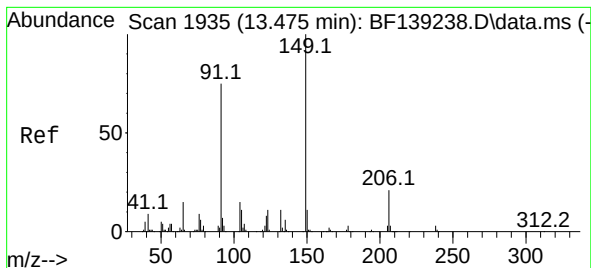
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.0 8.7 13.1





#80

Butylbenzylphthalate

Concen: 2.156 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

Instrument :

BNA_F

ClientSampleId :

DN-B-33

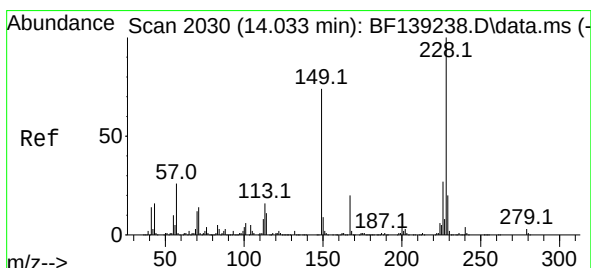
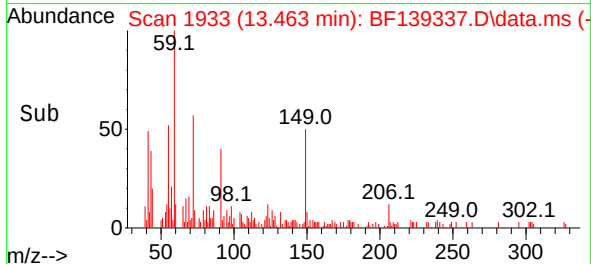
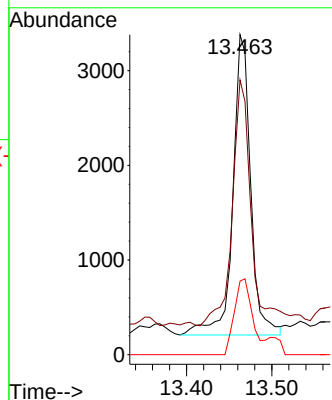
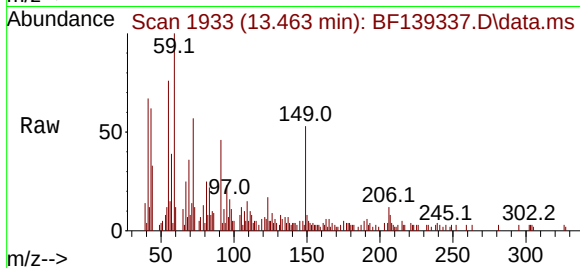
Tgt Ion:149 Resp: 4630

Ion Ratio Lower Upper

149 100

91 85.8 60.3 90.5

206 23.0 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.017 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF139337.D

Acq: 11 Sep 2024 20:28

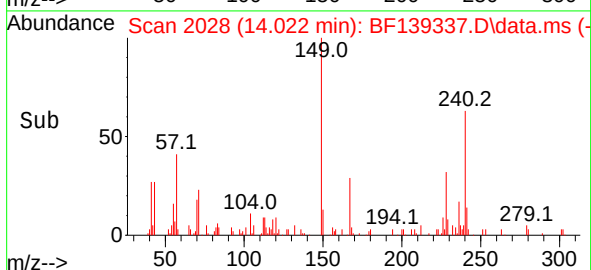
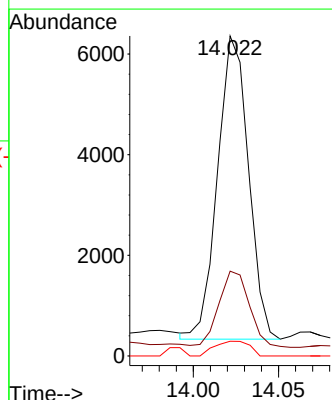
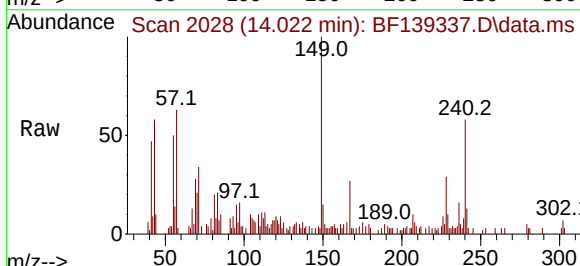
Tgt Ion:149 Resp: 7604

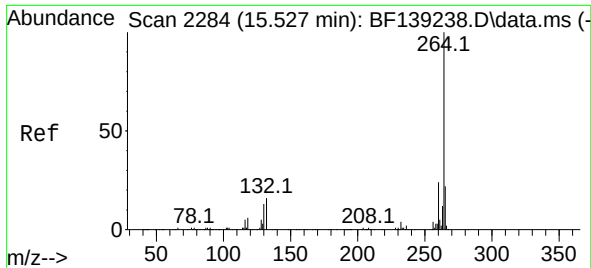
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

279 4.6 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139337.D
Acq: 11 Sep 2024 20:28

Instrument :
BNA_F
ClientSampleId :
DN-B-33

Tgt Ion:264 Resp: 114775
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.2 17.3 25.9

