

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139967.D
 Acq On : 23 Oct 2024 16:32
 Operator : RC/JU
 Sample : P4397-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOT

Quant Time: Oct 23 17:06:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

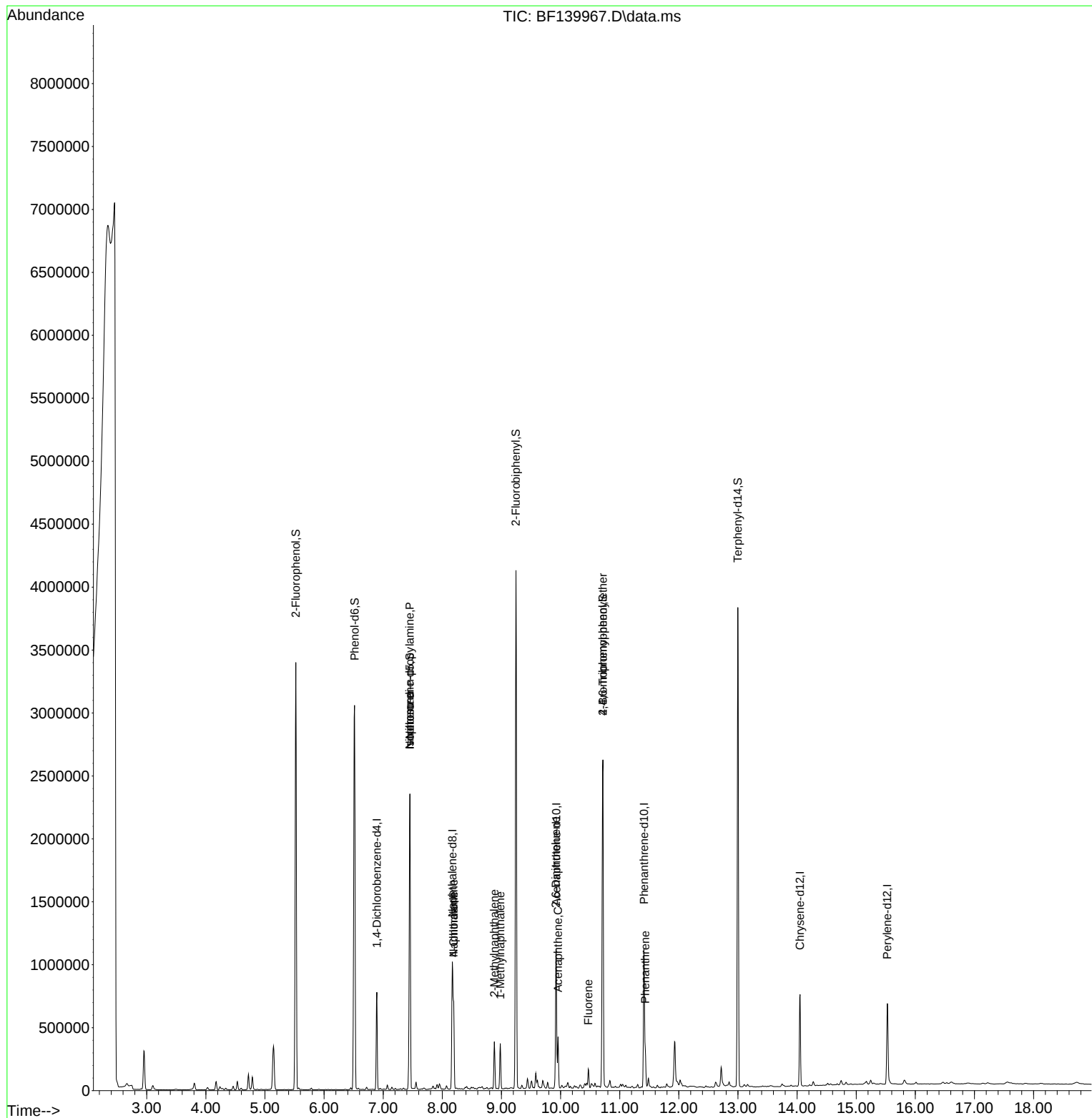
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	156242	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	612656	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	337691	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	580027	20.000	ng	0.00
76) Chrysene-d12	14.051	240	346002	20.000	ng	0.00
86) Perylene-d12	15.527	264	384483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1337902	134.053	ng	0.02
7) Phenol-d6	6.516	99	1641886	127.020	ng	0.00
23) Nitrobenzene-d5	7.451	82	1090077	98.613	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	497608	157.538	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1878698	91.946	ng	0.00
79) Terphenyl-d14	12.998	244	1936806	91.213	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	148066	18.887	ng	# 76
25) Isophorone	7.451	82	1086988	51.809	ng	# 67
31) Naphthalene	8.192	128	410089	12.979	ng	100
33) 4-Chloroaniline	8.192	127	54973	5.102	ng	# 31
37) 2-Methylnaphthalene	8.880	142	134304	6.940	ng	99
38) 1-Methylnaphthalene	8.980	142	128615	6.774	ng	98
51) 2,6-Dinitrotoluene	9.922	165	46679	10.249	ng	# 22
52) Acenaphthene	9.957	154	118814	6.710	ng	99
58) Fluorene	10.469	166	66381	3.430	ng	98
67) 4-Bromophenyl-phenylether	10.716	248	30891	5.170	ng	# 1
71) Phenanthrene	11.433	178	148040	5.403	ng	98

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

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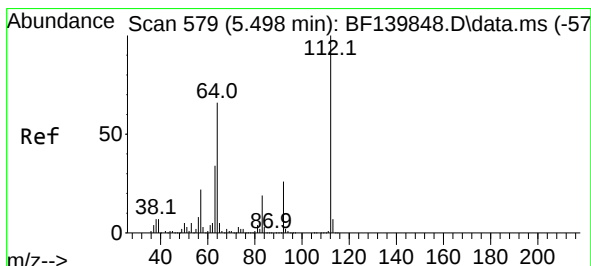
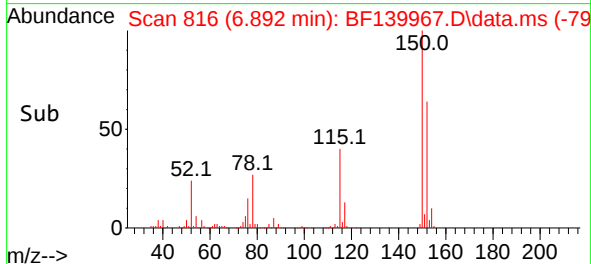
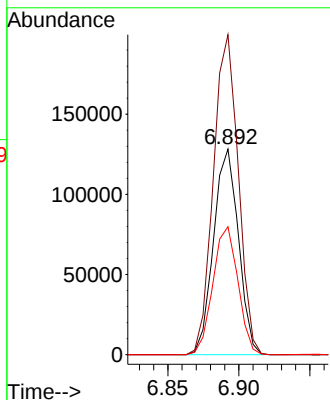
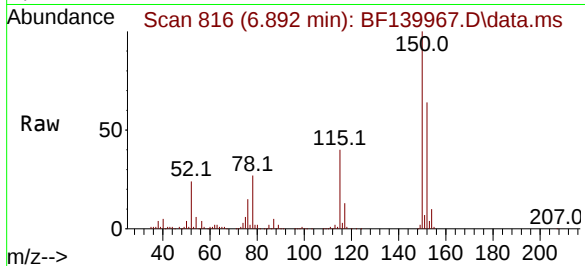




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

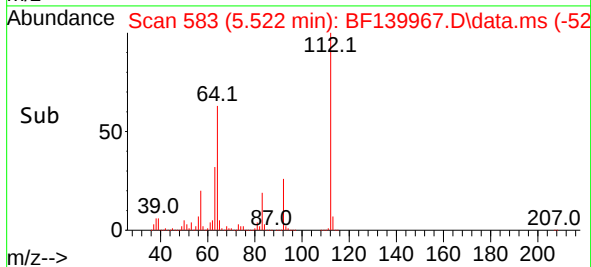
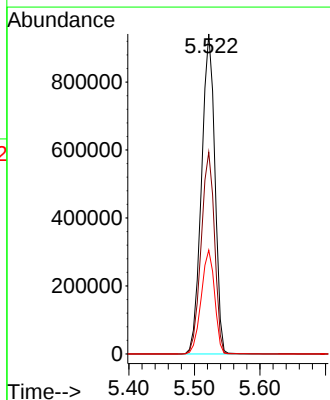
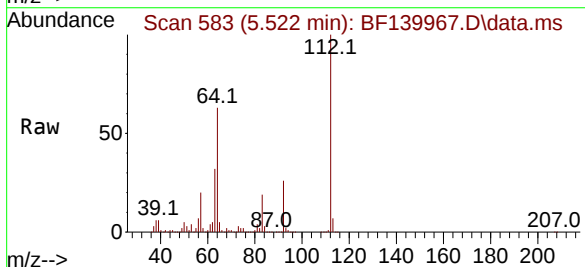
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

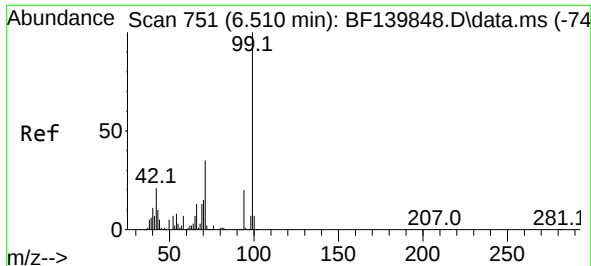
Tgt Ion:152 Resp: 156242
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 134.053 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

Tgt Ion:112 Resp: 1337902
Ion Ratio Lower Upper
112 100
64 63.1 53.0 79.6
63 32.5 27.0 40.4

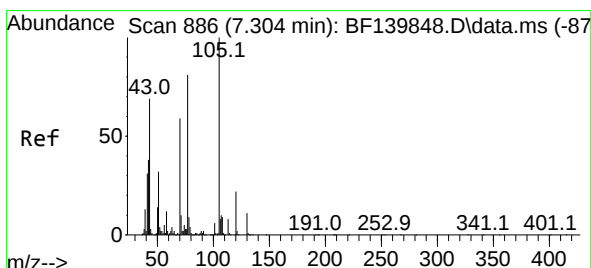
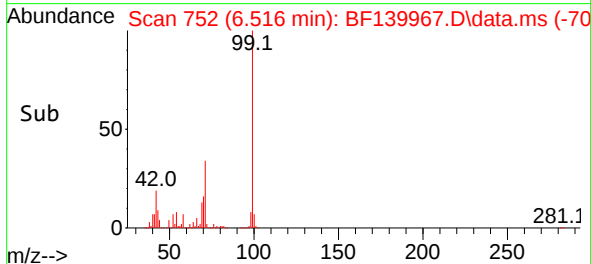
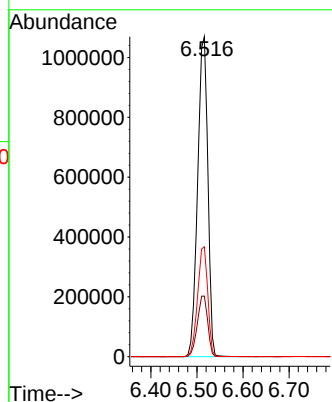
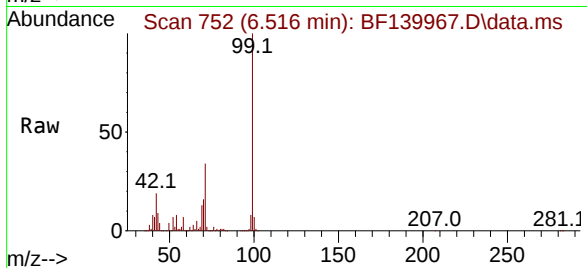




#7
Phenol-d6
Concen: 127.020 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

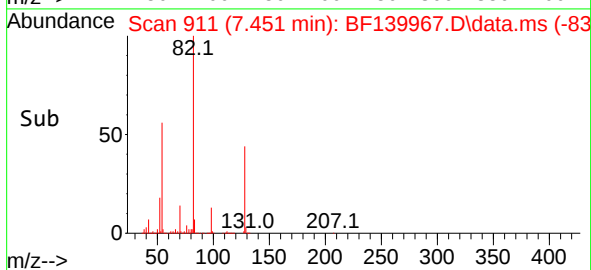
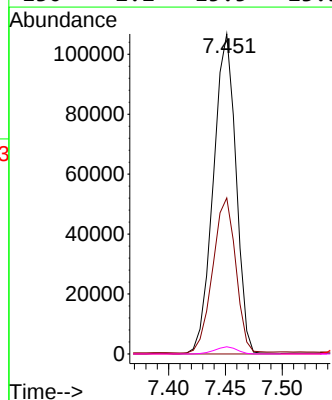
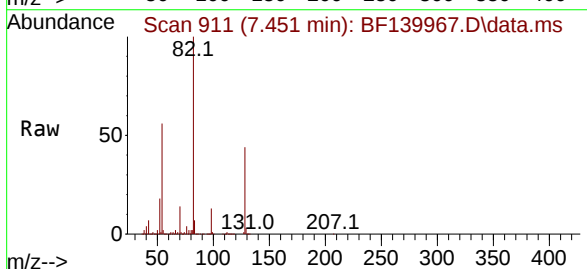
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

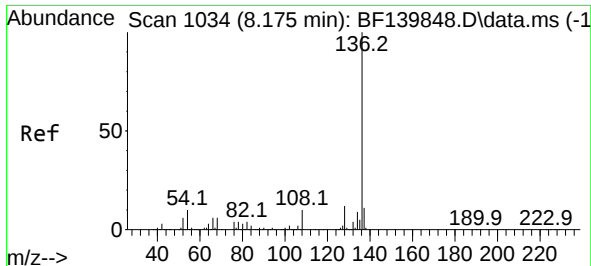
Tgt Ion: 99 Resp: 1641886
Ion Ratio Lower Upper
99 100
42 19.0 16.7 25.1
71 34.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.887 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

Tgt Ion: 70 Resp: 148066
Ion Ratio Lower Upper
70 100
42 48.8 51.5 77.3#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

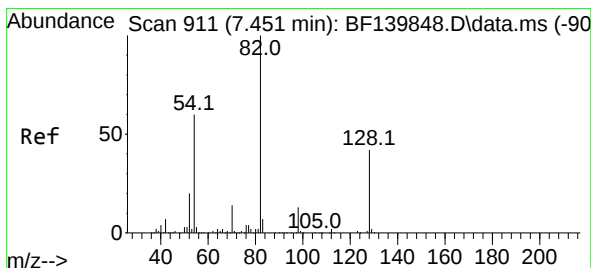
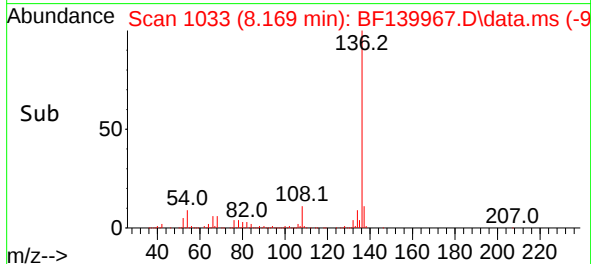
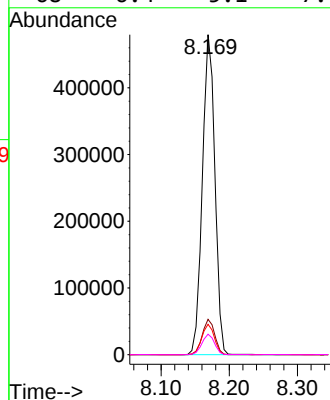
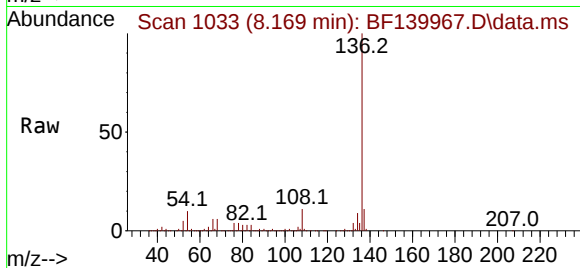
Instrument :

BNA_F

ClientSampleId :

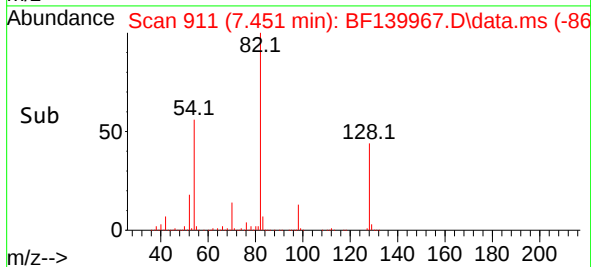
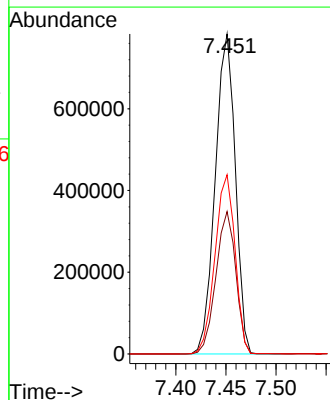
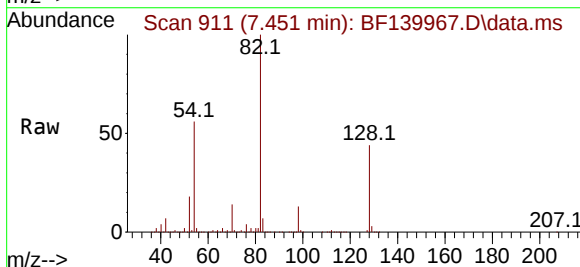
WB-301-BOT

Tgt Ion:136 Resp: 612656
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.5 8.4 12.6
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.613 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

Tgt Ion: 82 Resp: 1090077
Ion Ratio Lower Upper
82 100
128 44.5 33.4 50.0
54 56.0 47.8 71.8

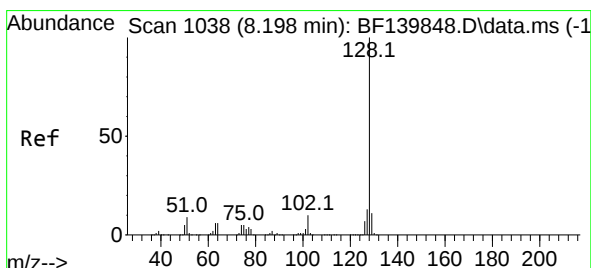
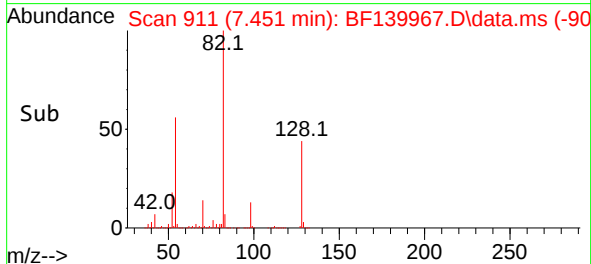
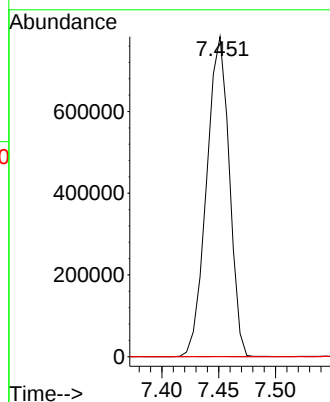
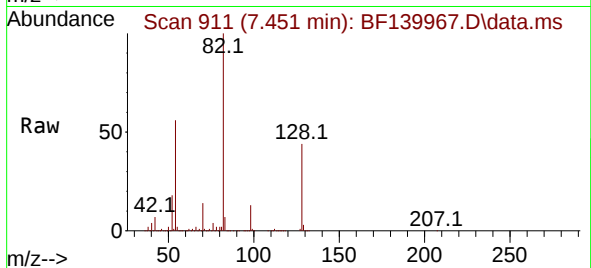




#25
Isophorone
Concen: 51.809 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

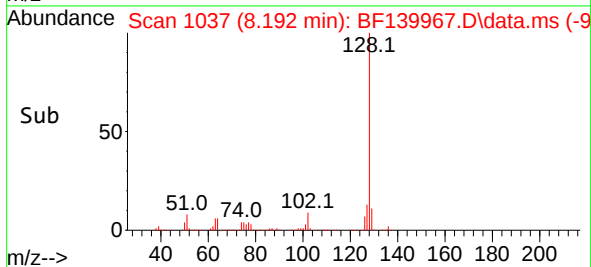
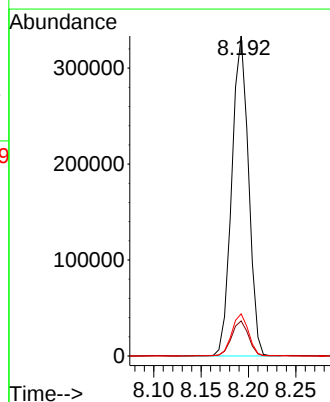
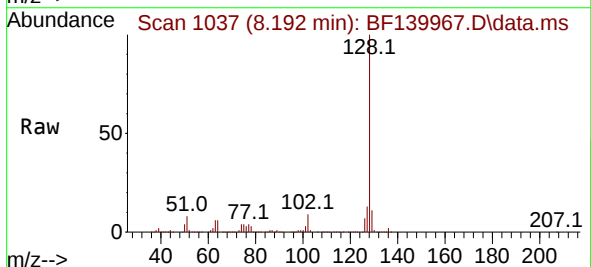
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

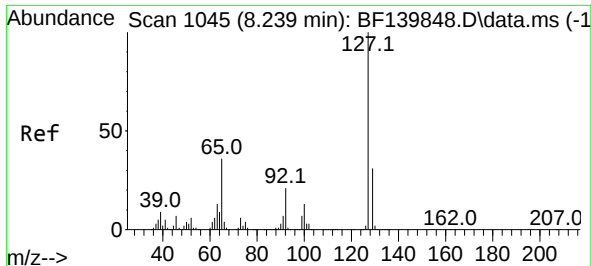
Tgt Ion: 82 Resp: 1086988
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#31
Naphthalene
Concen: 12.979 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

Tgt Ion:128 Resp: 410089
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 16.0

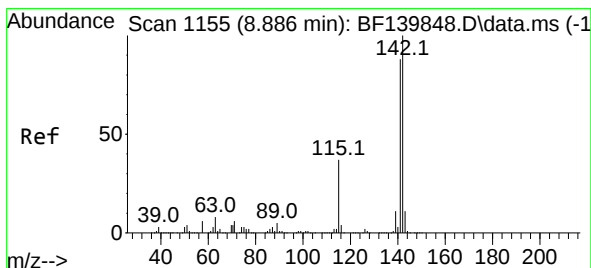
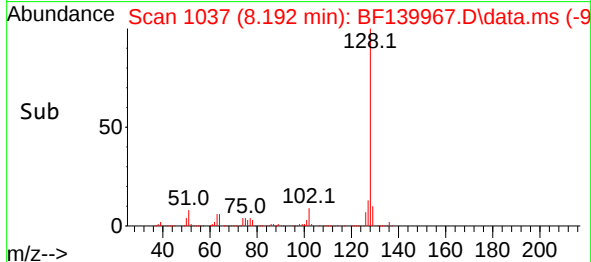
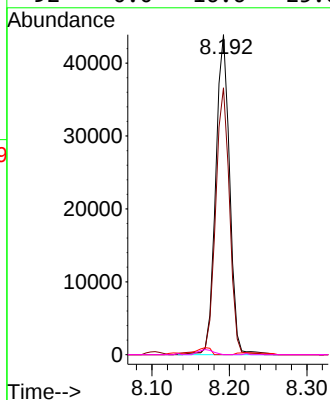
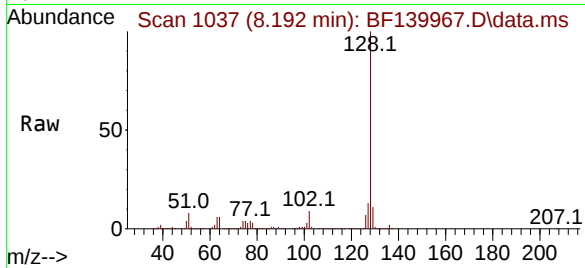




#33
4-Chloroaniline
Concen: 5.102 ng
RT: 8.192 min Scan# 110
Delta R.T. -0.047 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

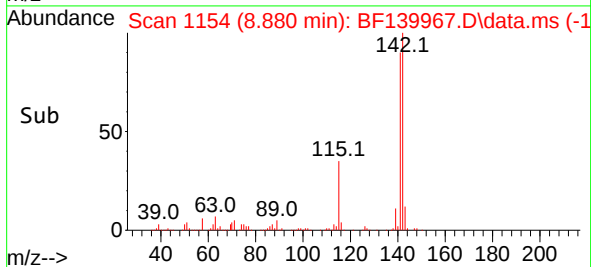
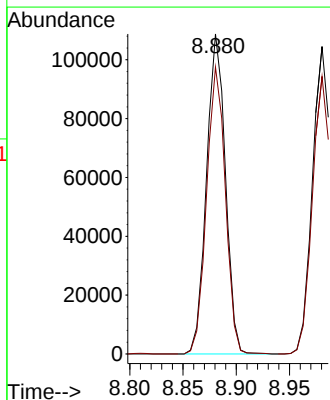
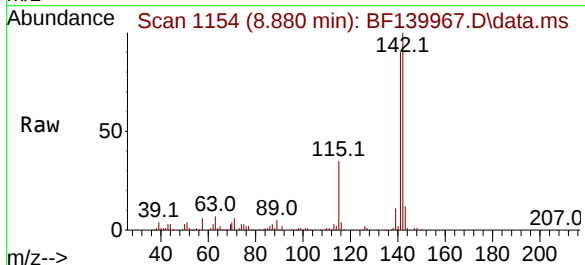
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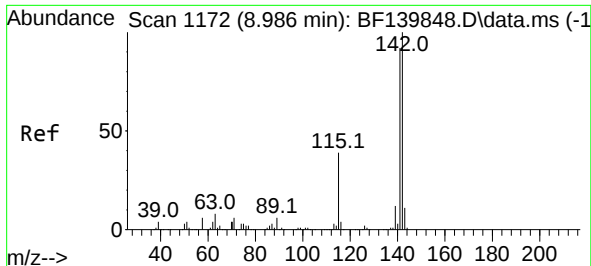
Tgt Ion:127	Resp:	54973
Ion	Ratio	Lower Upper
127	100	
129	83.4	25.4 38.2#
65	0.0	28.4 42.6#
92	0.0	16.6 25.0#



#37
2-Methylnaphthalene
Concen: 6.940 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

Tgt Ion:142	Resp:	134304
Ion	Ratio	Lower Upper
142	100	
141	89.7	70.8 106.2





#38

1-Methylnaphthalene

Concen: 6.774 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

Instrument :

BNA_F

ClientSampleId :

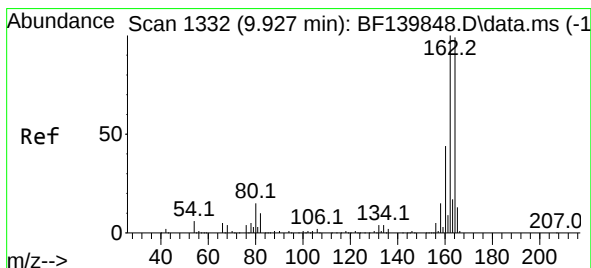
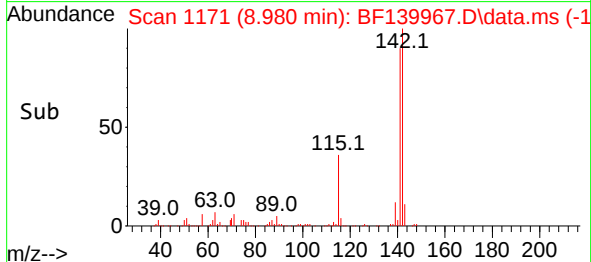
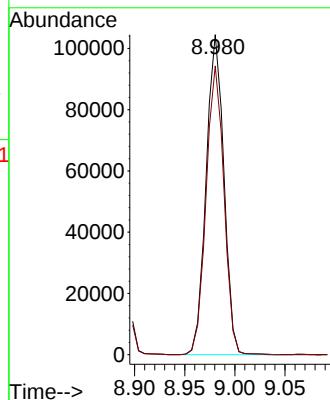
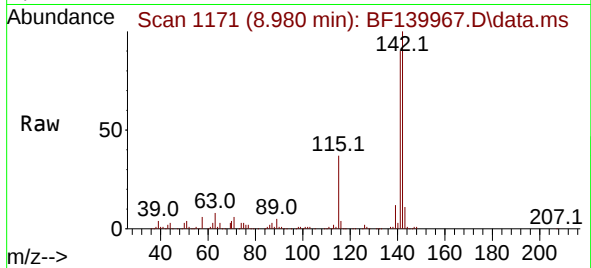
WB-301-BOT

Tgt Ion:142 Resp: 128615

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

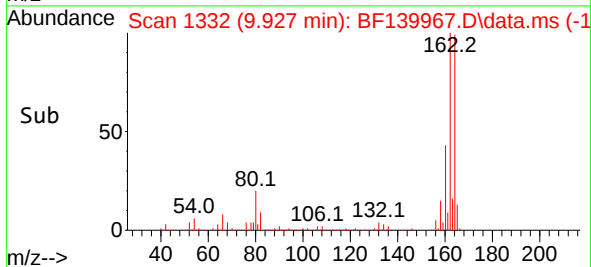
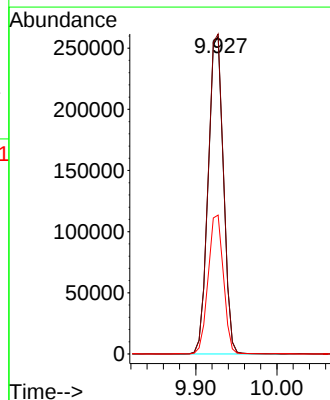
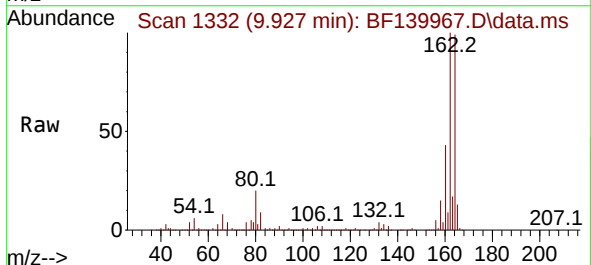
Tgt Ion:164 Resp: 337691

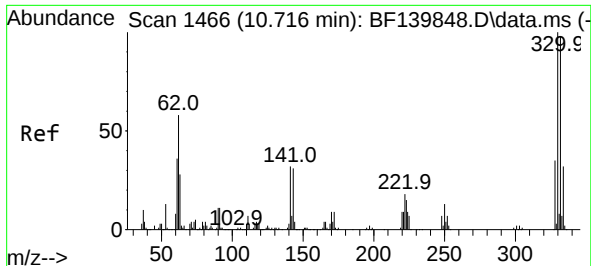
Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 157.538 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

Instrument :

BNA_F

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WB-301-BOT

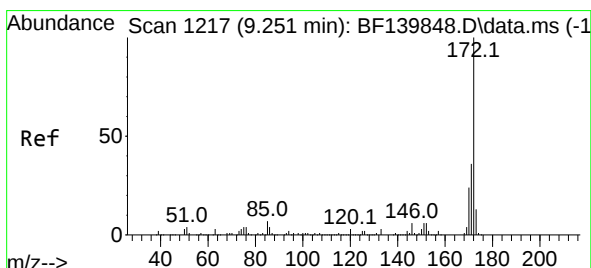
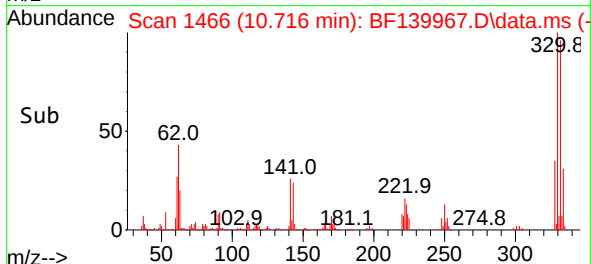
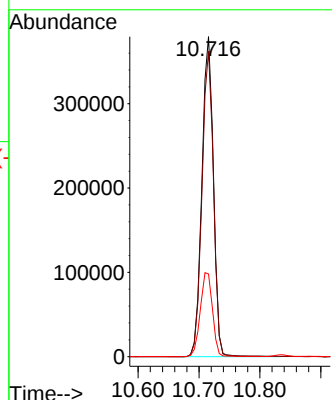
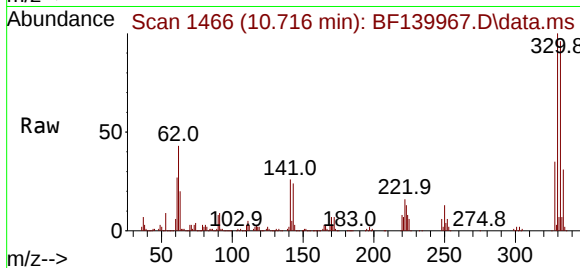
Tgt Ion:330 Resp: 497608

Ion Ratio Lower Upper

330 100

332 94.9 78.1 117.1

141 27.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 91.946 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

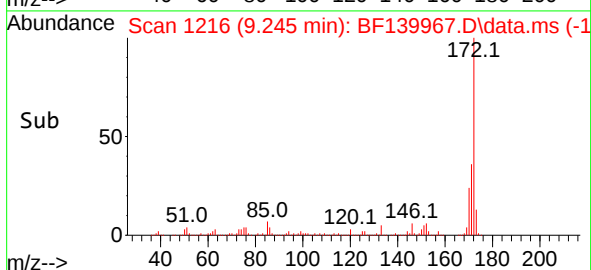
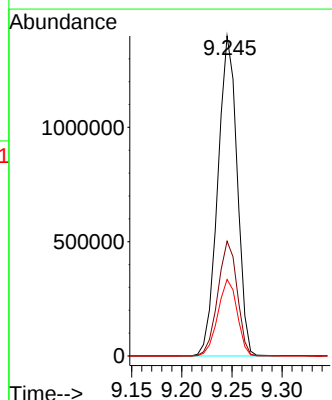
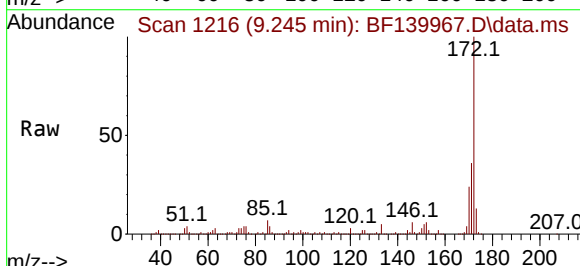
Tgt Ion:172 Resp: 1878698

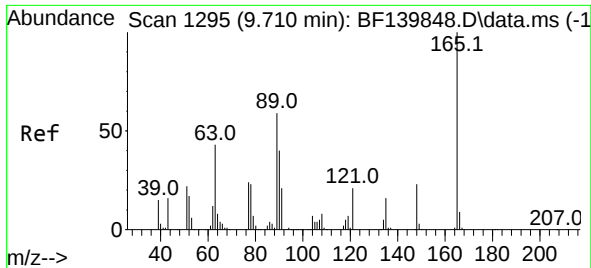
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.1 28.7

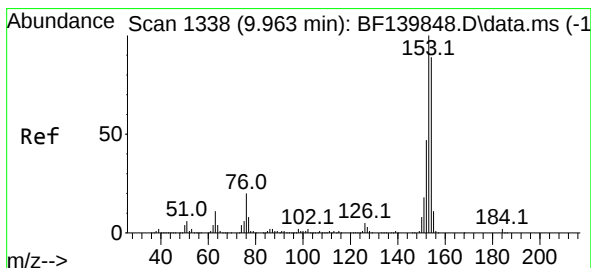
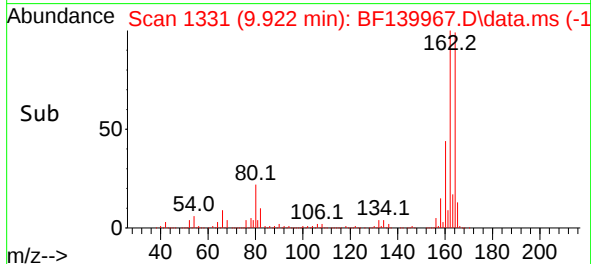
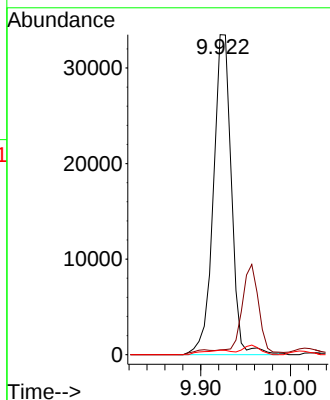
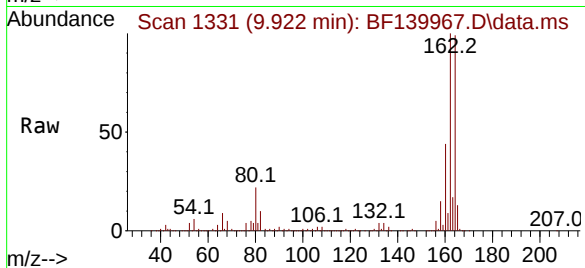




#51
2,6-Dinitrotoluene
Concen: 10.249 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

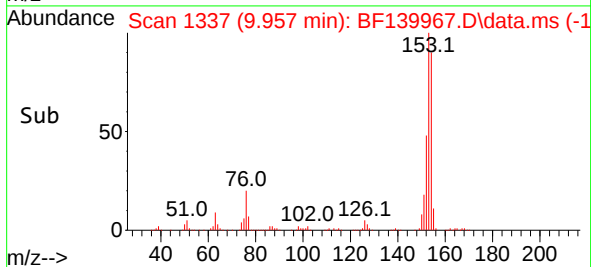
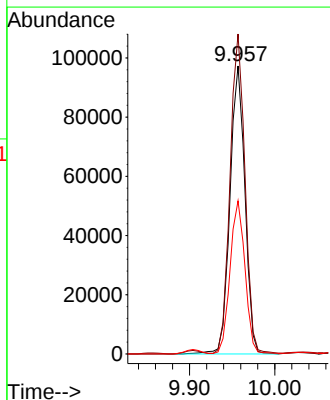
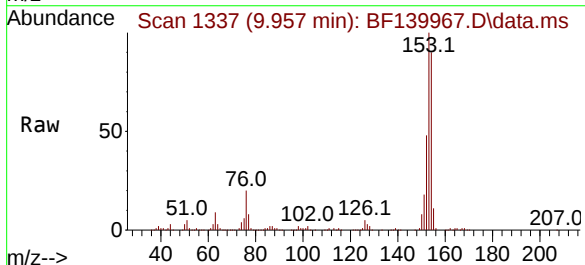
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

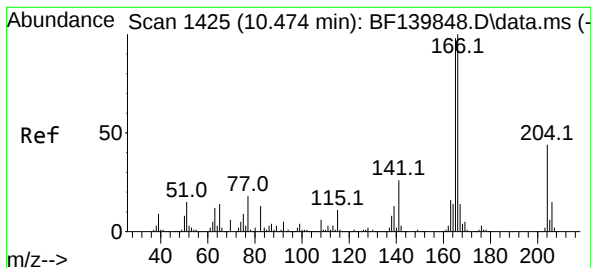
Tgt Ion:165 Resp: 46679
Ion Ratio Lower Upper
165 100
63 1.5 50.6 75.8#
89 1.4 47.5 71.3#



#52
Acenaphthene
Concen: 6.710 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

Tgt Ion:154 Resp: 118814
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.6
152 53.2 42.4 63.6





#58

Fluorene

Concen: 3.430 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

Instrument :

BNA_F

ClientSampleId :

WB-301-BOT

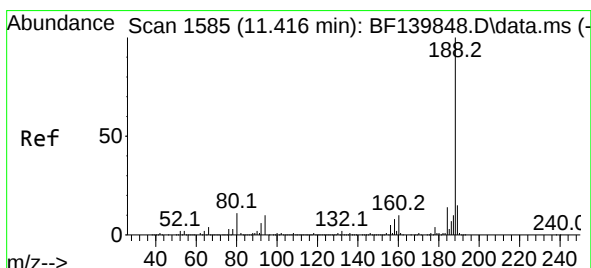
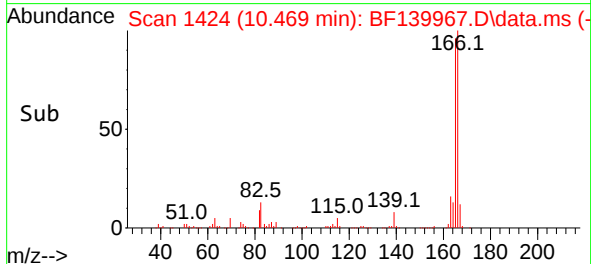
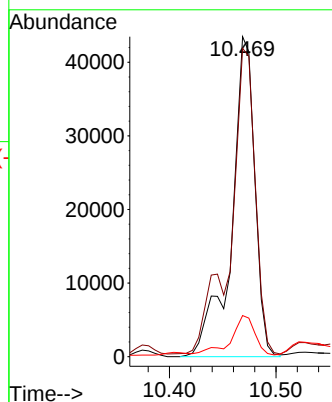
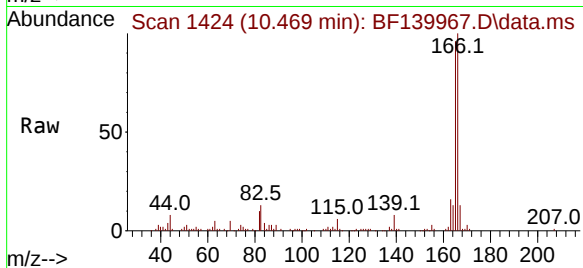
Tgt Ion:166 Resp: 66381

Ion Ratio Lower Upper

166 100

165 96.4 78.5 117.7

167 12.8 10.9 16.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

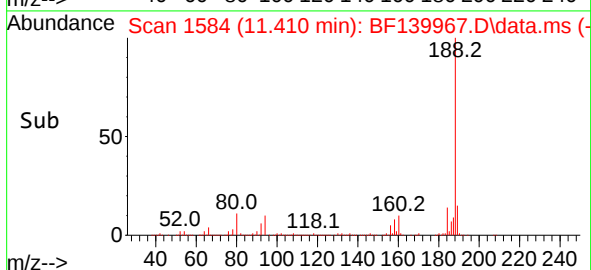
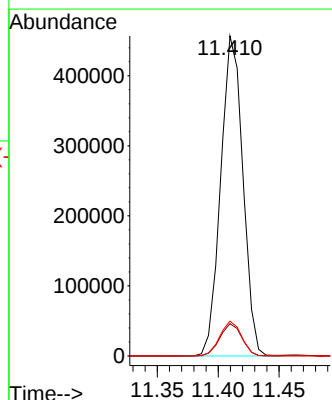
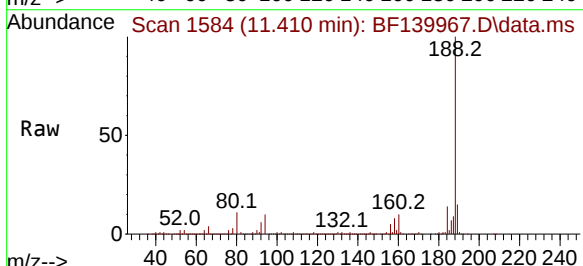
Tgt Ion:188 Resp: 580027

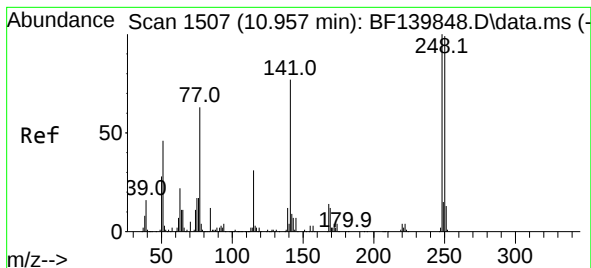
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.9 9.0 13.4

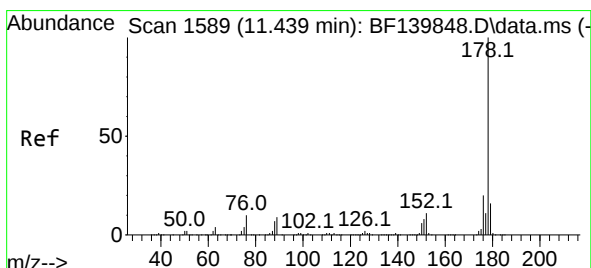
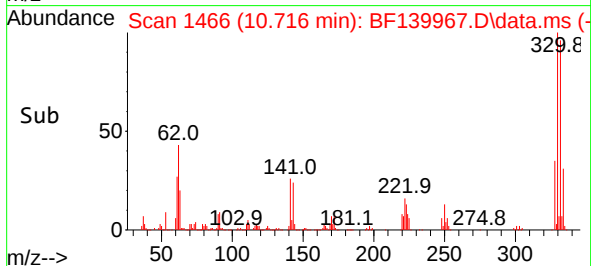
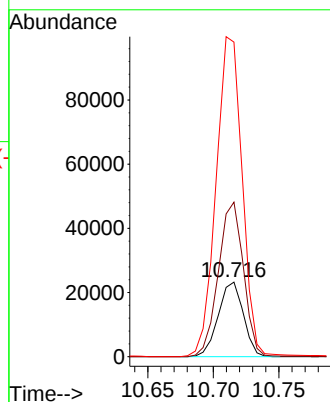
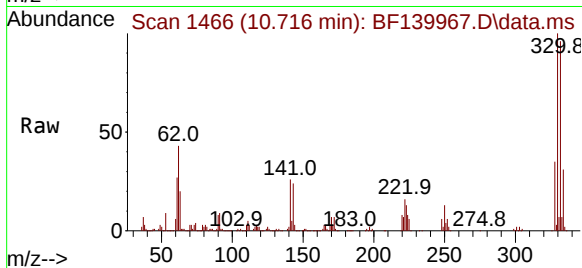




#67
4-Bromophenyl-phenylether
Concen: 5.170 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

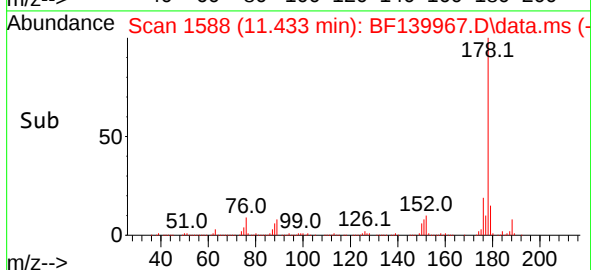
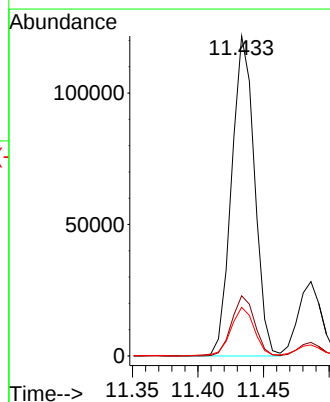
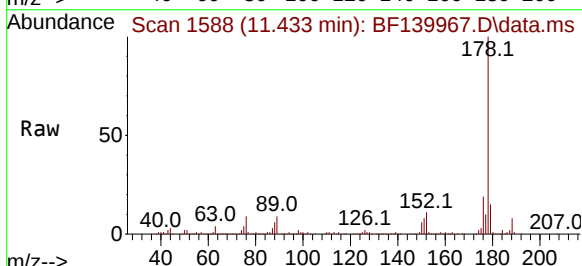
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

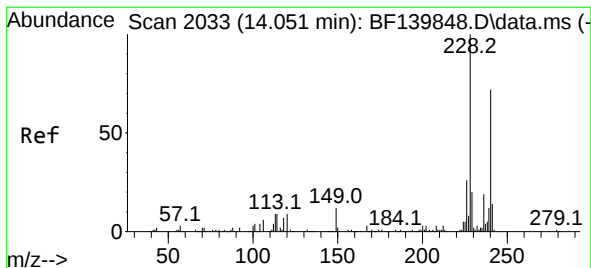
Tgt Ion:248 Resp: 30891
Ion Ratio Lower Upper
248 100
250 207.3 79.0 118.6#
141 422.1 61.7 92.5#



#71
Phenanthrene
Concen: 5.403 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

Tgt Ion:178 Resp: 148040
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.2 12.6 18.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

Instrument :

BNA_F

ClientSampleId :

WB-301-BOT

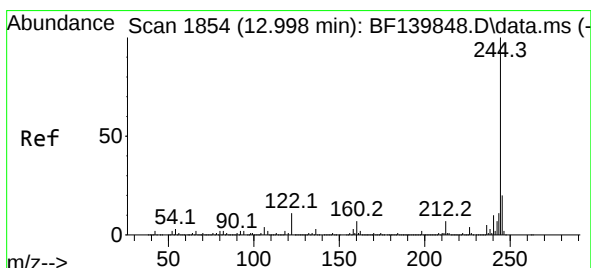
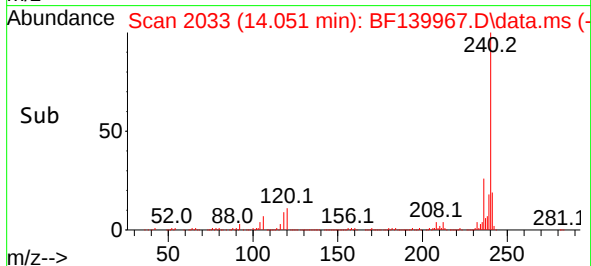
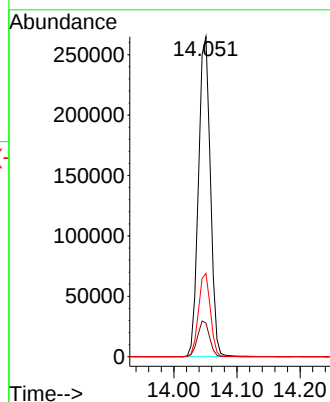
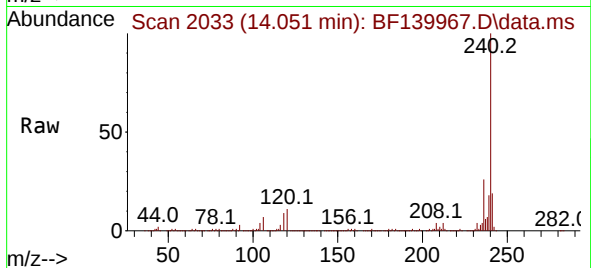
Tgt Ion:240 Resp: 346002

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 91.213 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

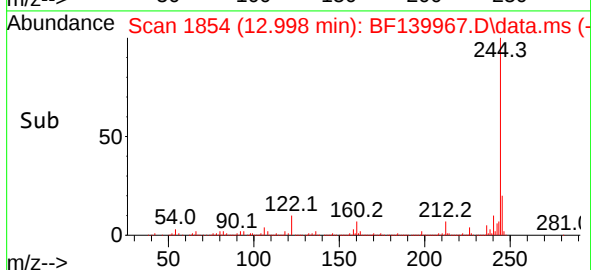
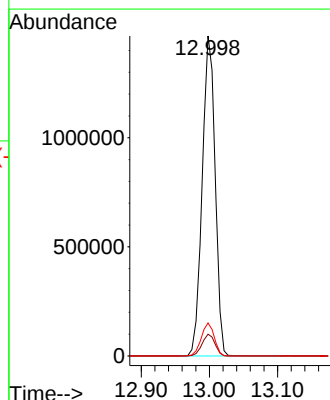
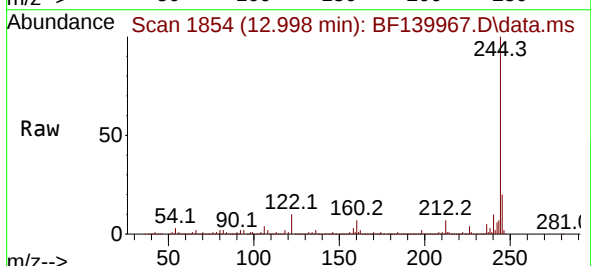
Tgt Ion:244 Resp: 1936806

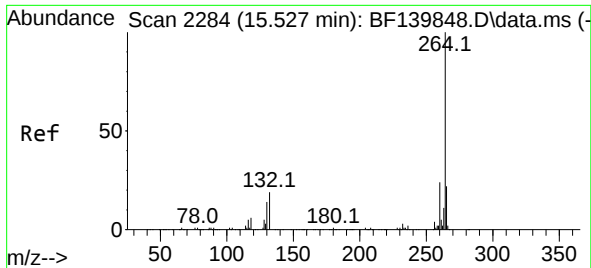
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

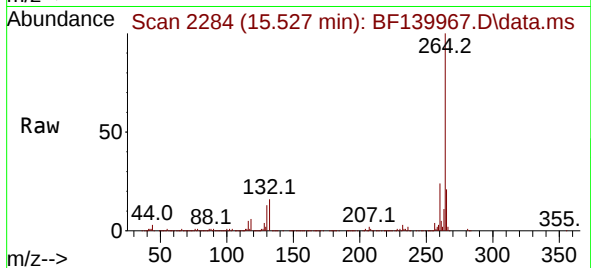
122 10.3 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139967.D
 Acq: 23 Oct 2024 16:32

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOT



Tgt Ion:264 Resp: 384483
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.3 17.4 26.0

