

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)

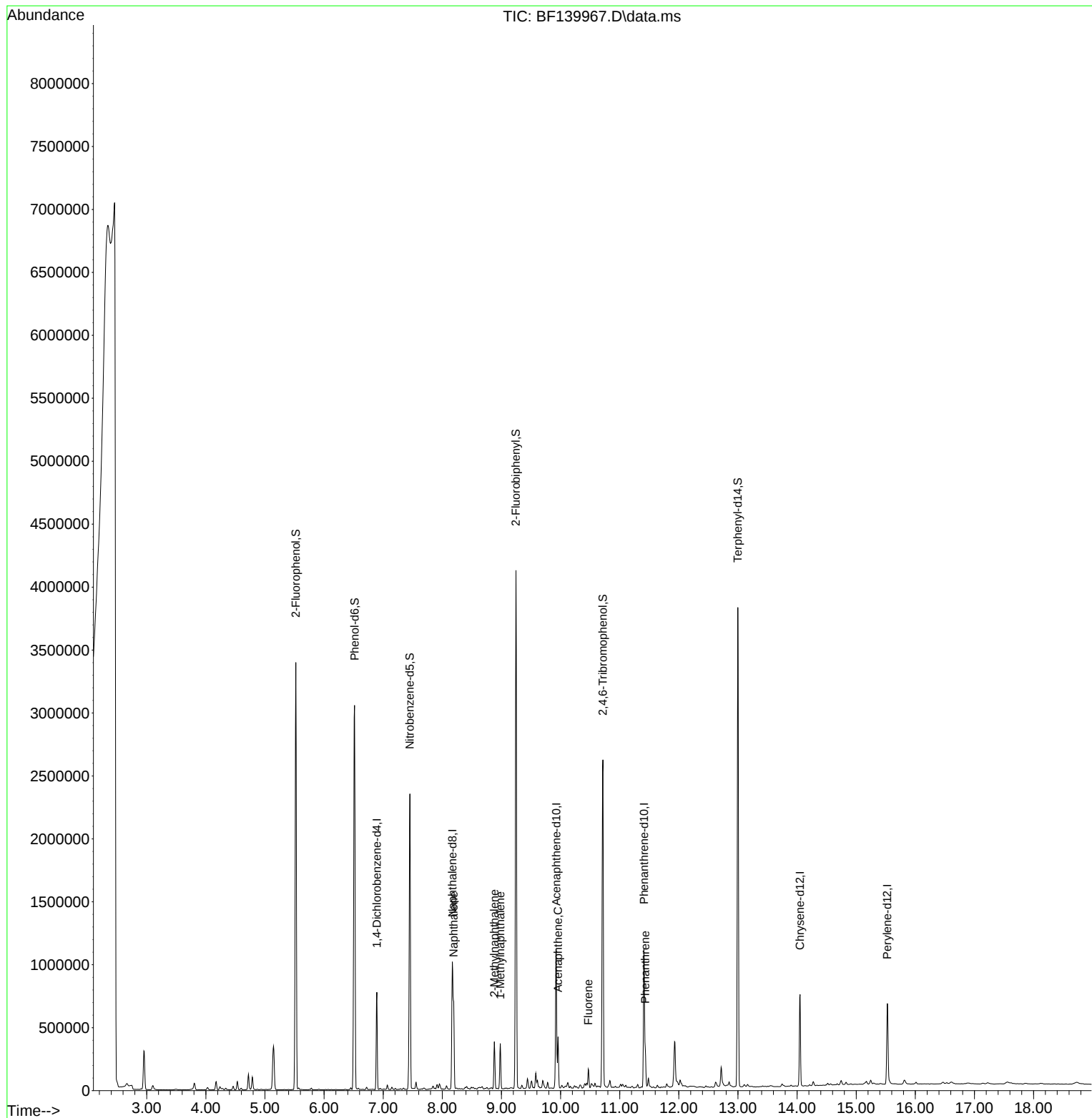
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	156242	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	612656	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	337691	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	580027	20.000	ng	0.00
76) Chrysene-d12	14.051	240	346002	20.000	ng	0.00
86) Perylene-d12	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
31) Naphthalene	8.192	128	410089	12.979	ng	100
37) 2-Methylnaphthalene	8.880	142	134304	6.940	ng	99
38) 1-Methylnaphthalene	8.980	142	128615	6.774	ng	98
52) Acenaphthene	9.957	154	118814	6.710	ng	99
58) Fluorene	10.469	166	66381	3.430	ng	98
71) Phenanthrene	11.433	178	148040	5.403	ng	98

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

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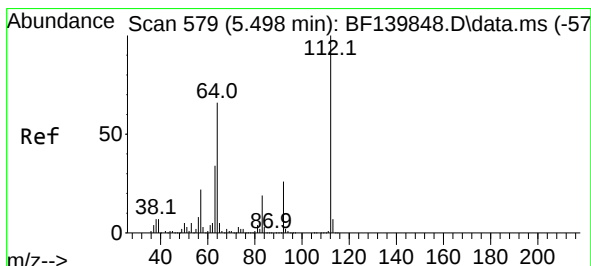
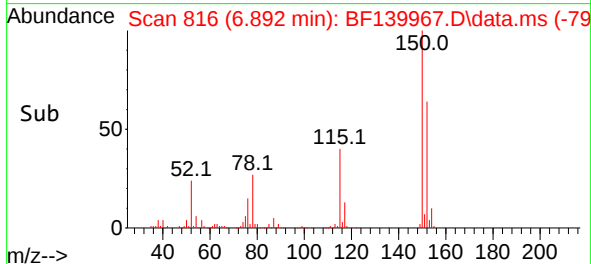
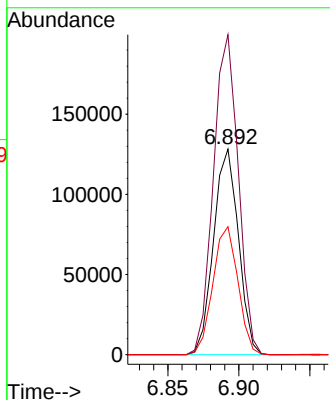
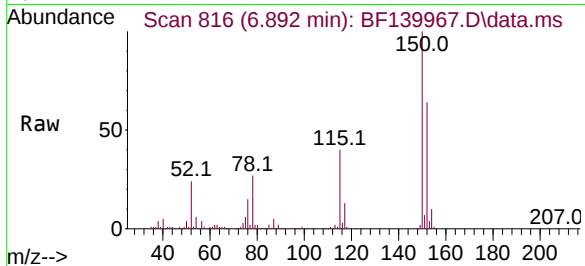




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

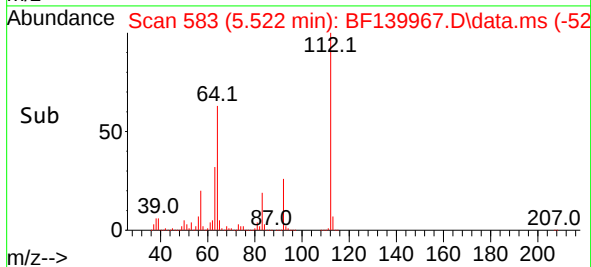
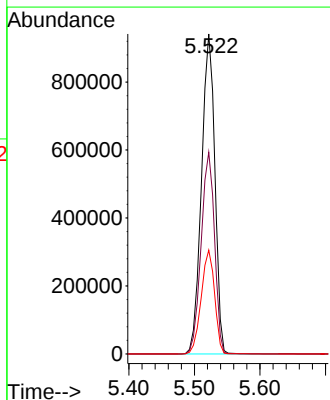
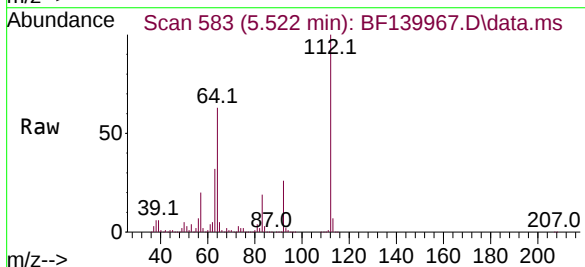
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

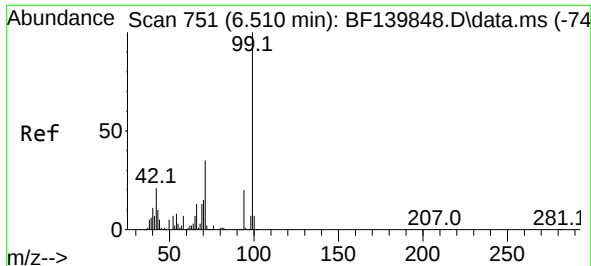
Tgt Ion:152 Resp: 156242
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 62.2 51.4 77.2



#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

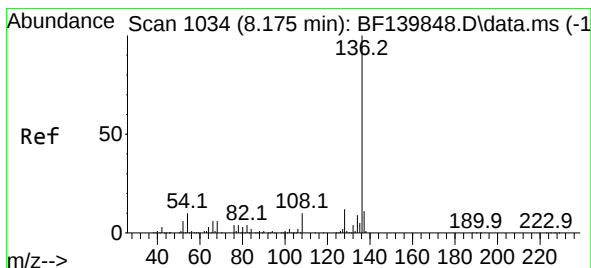
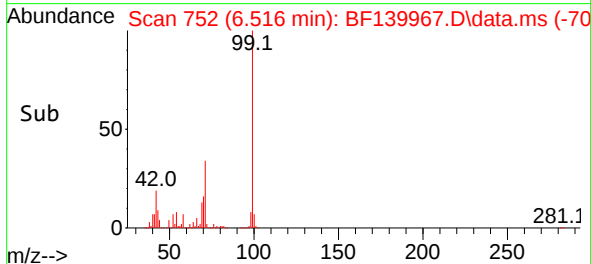
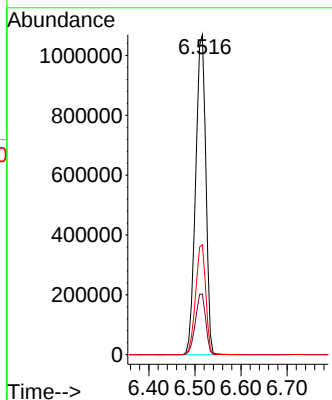
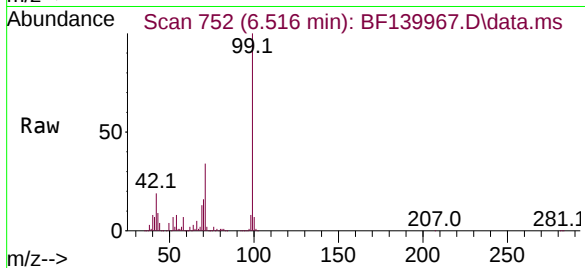




#7
Phenol-d6
Concen: 127.020 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

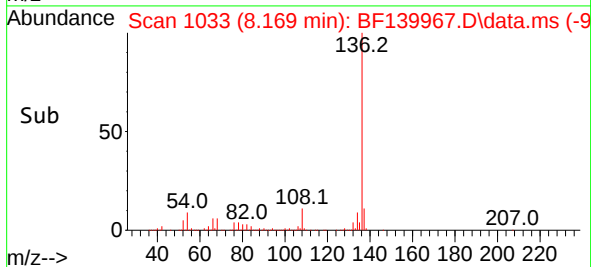
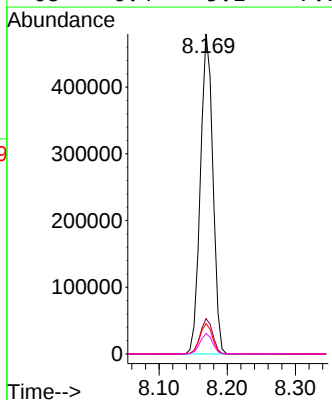
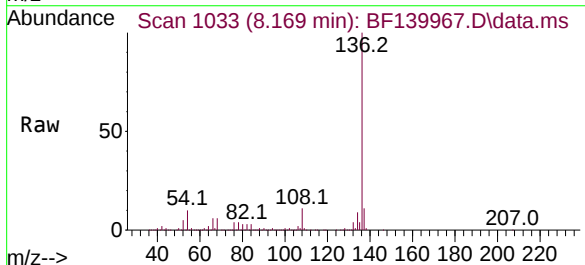
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

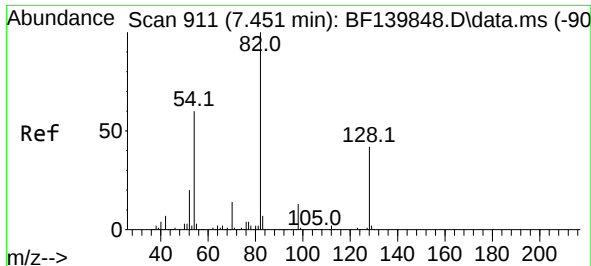
Tgt Ion: 99 Resp: 1641886
Ion Ratio Lower Upper
99 100
42 19.0 16.7 25.1
71 34.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

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

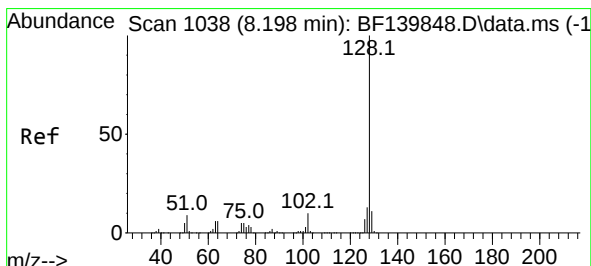
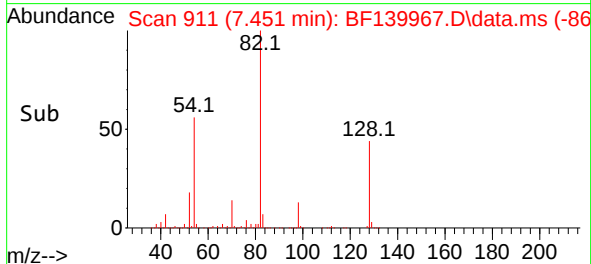
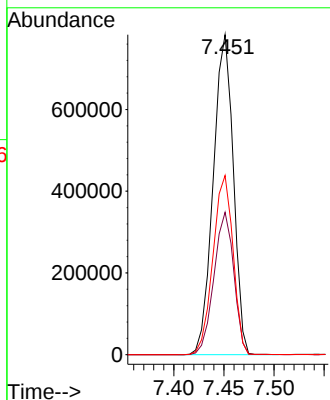
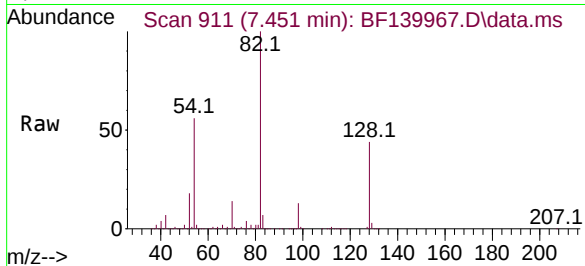




#23
Nitrobenzene-d5
Concen: 98.613 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

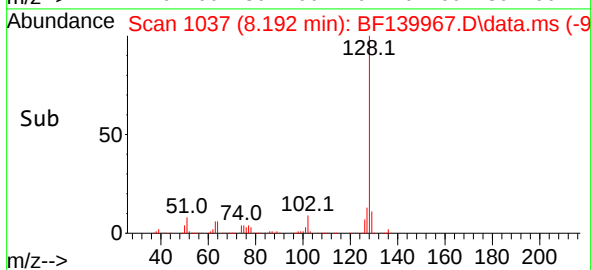
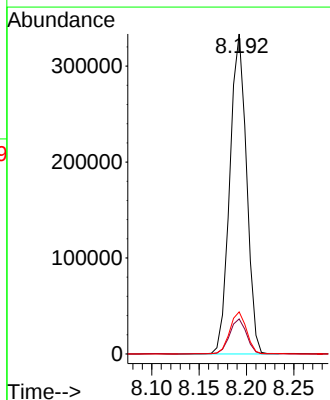
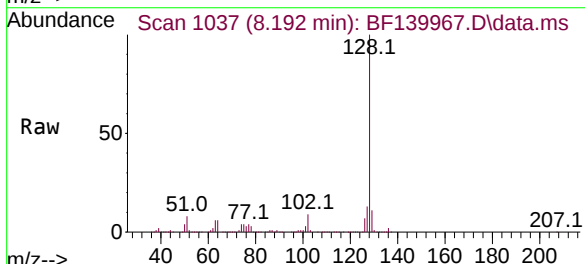
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

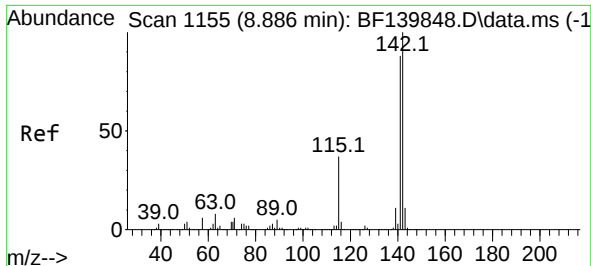
Tgt Ion: 82 Resp: 1090077
Ion Ratio Lower Upper
82 100
128 44.5 33.4 50.0
54 56.0 47.8 71.8



#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





#37

2-Methylnaphthalene

Concen: 6.940 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139967.D

Acq: 23 Oct 2024 16:32

Instrument :

BNA_F

ClientSampleId :

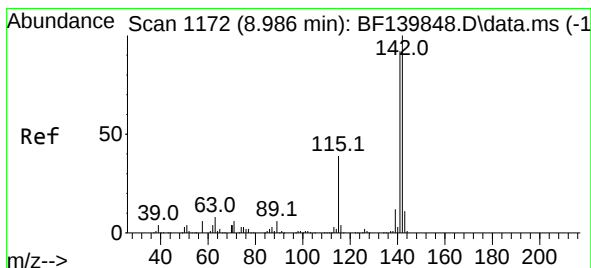
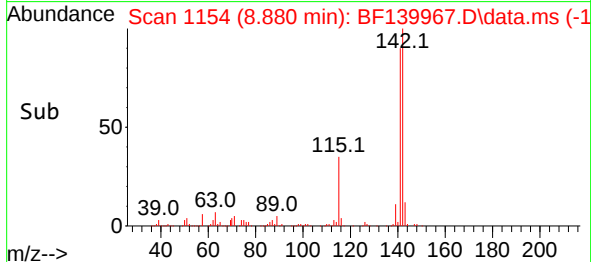
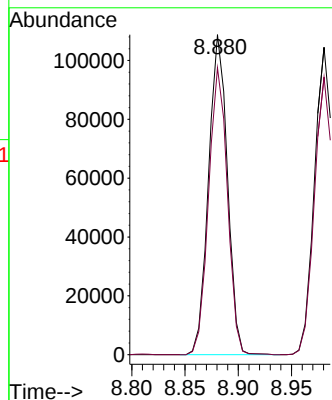
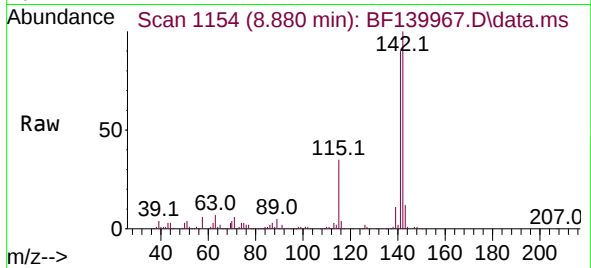
WB-301-BOT

Tgt Ion:142 Resp: 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# 1171

Delta R.T. -0.006 min

Lab File: BF139967.D

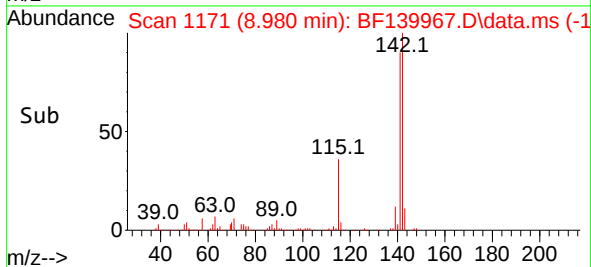
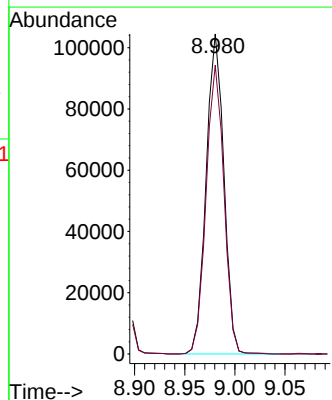
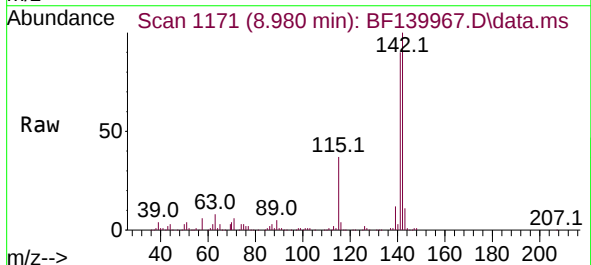
Acq: 23 Oct 2024 16:32

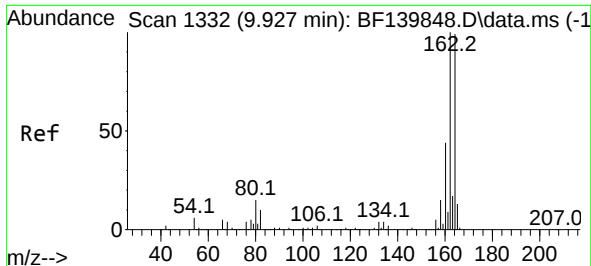
Tgt Ion:142 Resp: 128615

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3

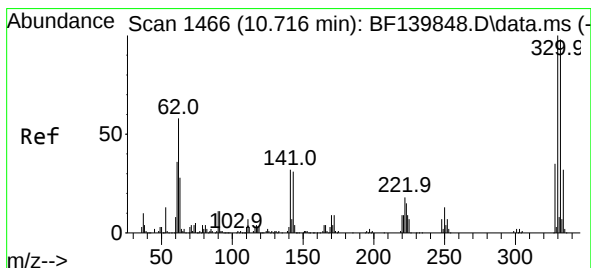
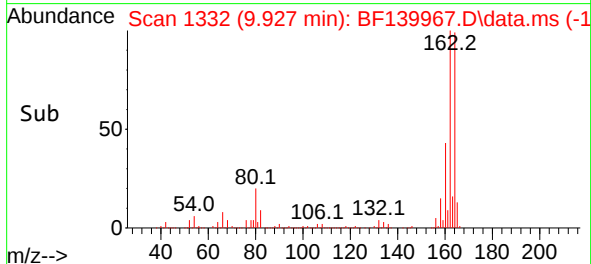
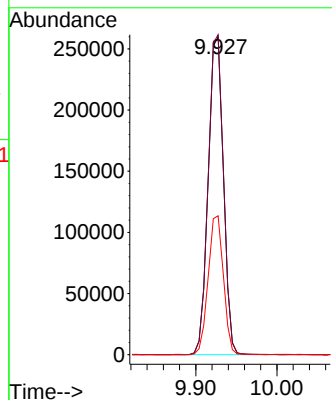
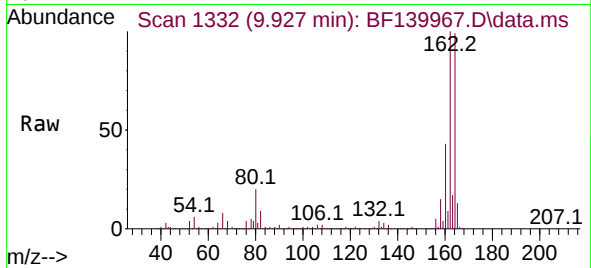




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

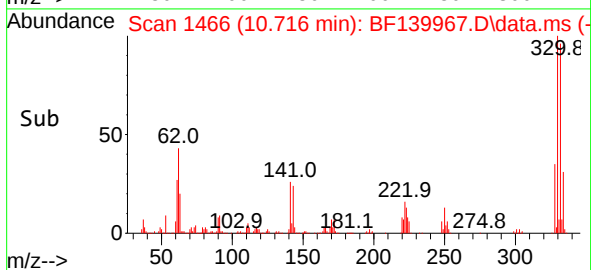
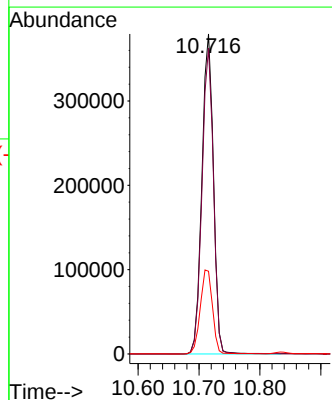
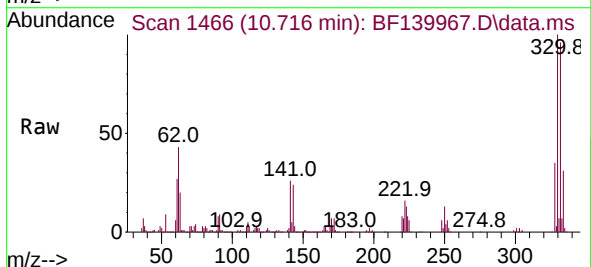
Instrument :
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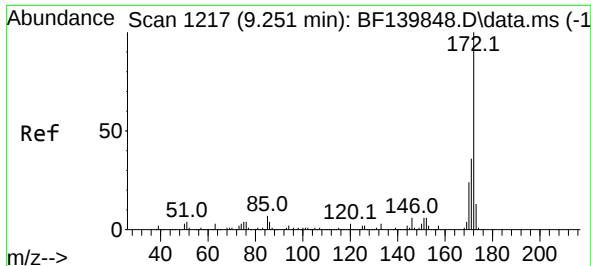
Tgt Ion:164 Resp: 337691
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 43.7 35.4 53.0



#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

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

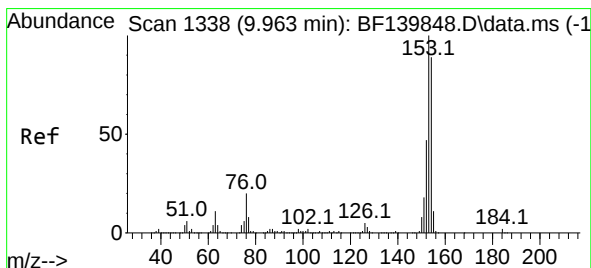
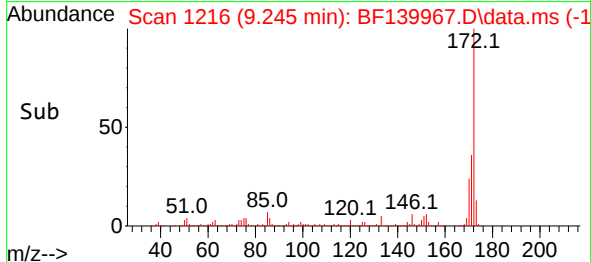
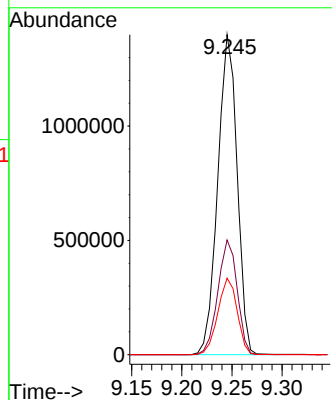
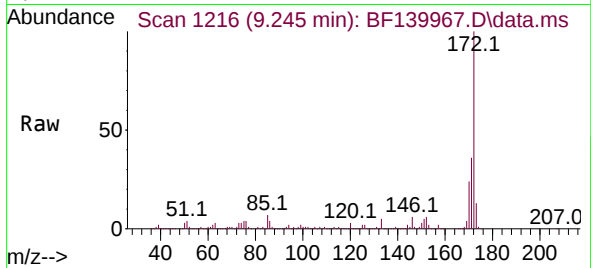




#45
2-Fluorobiphenyl
Concen: 91.946 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

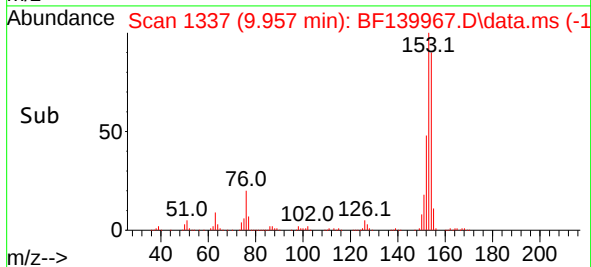
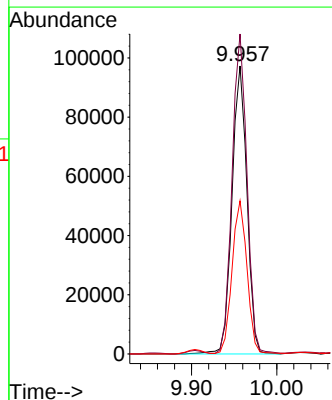
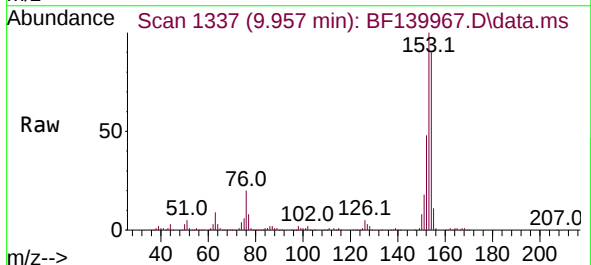
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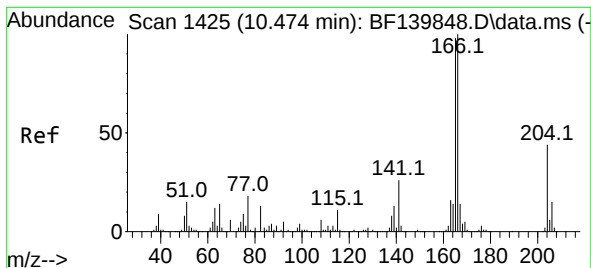
Tgt Ion:172 Resp: 1878698
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.1 28.7



#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

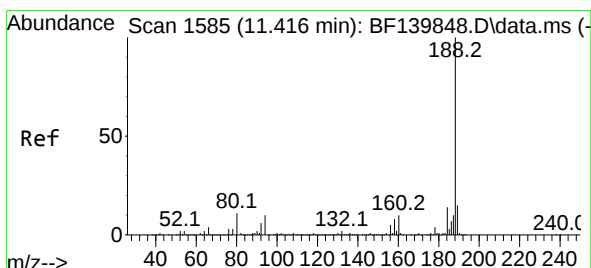
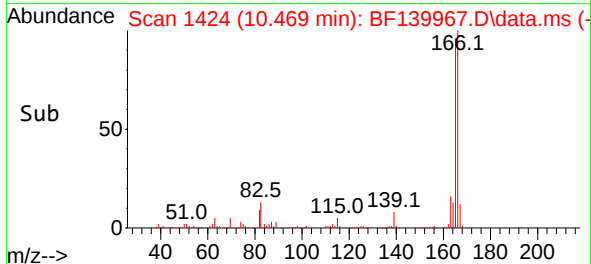
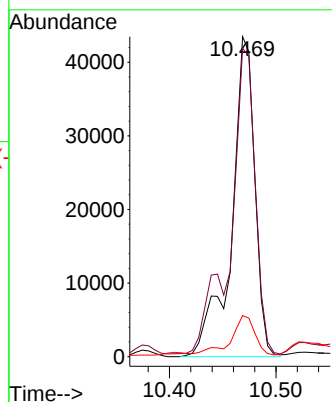
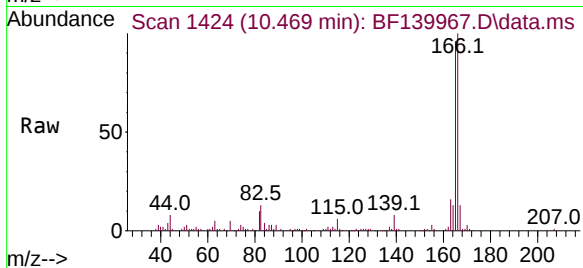
Tgt Ion:166 Resp: 66381

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

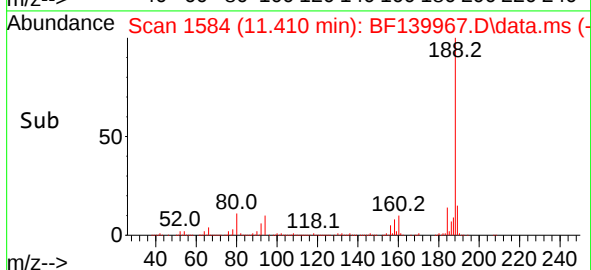
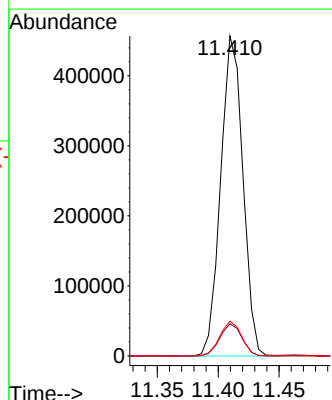
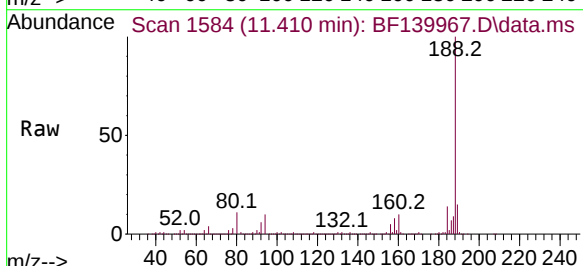
Tgt Ion:188 Resp: 580027

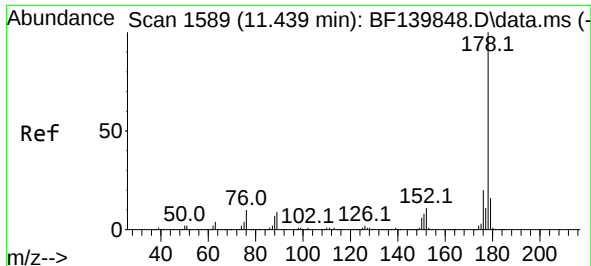
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.9 9.0 13.4

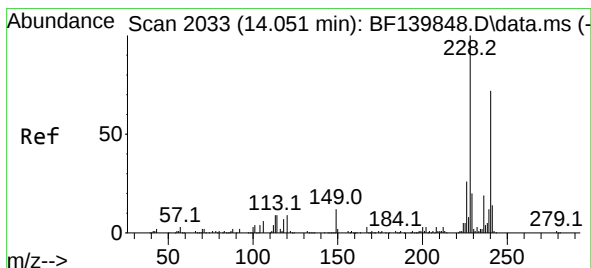
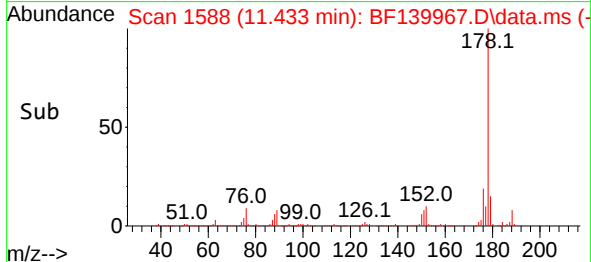
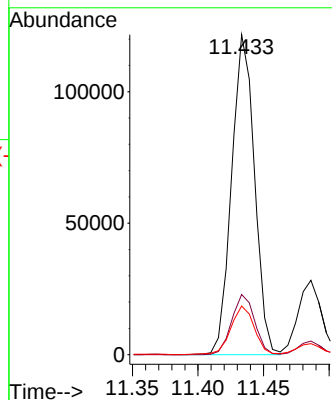
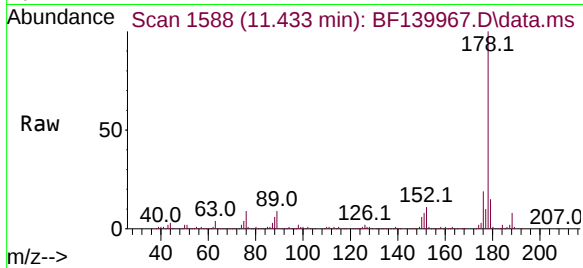




#71
Phenanthrene
Concen: 5.403 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139967.D
Acq: 23 Oct 2024 16:32

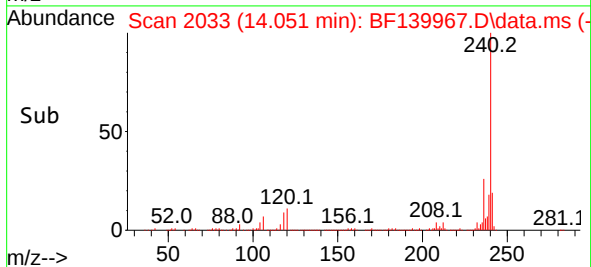
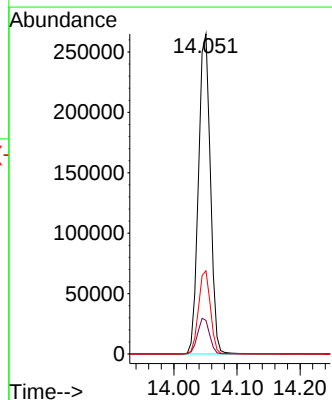
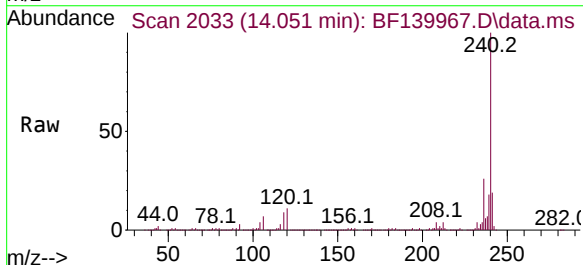
Instrument :
BNA_F
ClientSampleId :
WB-301-BOT

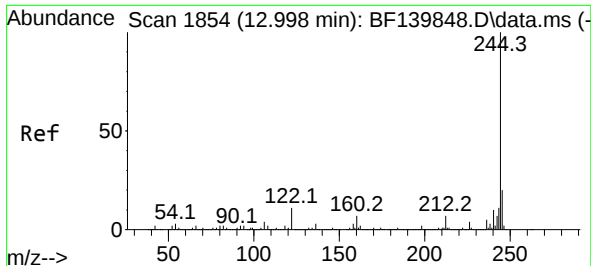
Tgt Ion:178 Resp: 148040
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 15.2 12.6 18.8



#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

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

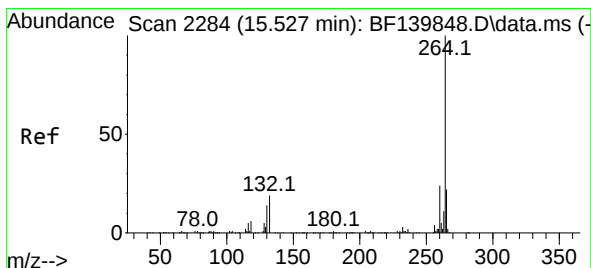
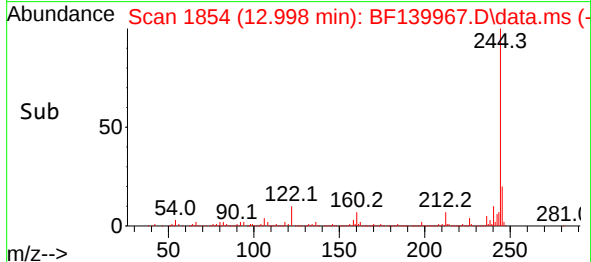
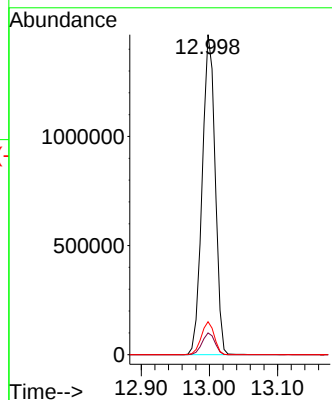
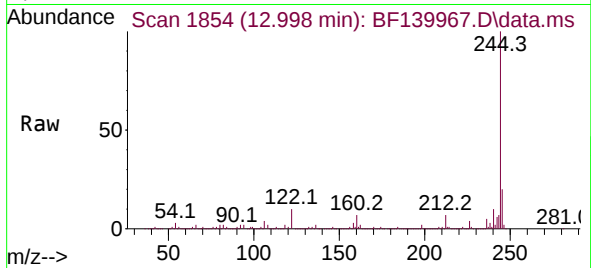




#79
 Terphenyl-d14
 Concen: 91.213 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139967.D
 Acq: 23 Oct 2024 16:32

Instrument :
 BNA_F
 ClientSampleId :
 WB-301-BOT

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# 2284
 Delta R.T. 0.000 min
 Lab File: BF139967.D
 Acq: 23 Oct 2024 16:32

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

