

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140567.D
 Acq On : 22 Nov 2024 10:44
 Operator : RC/JU
 Sample : P4910-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-759

Quant Time: Nov 22 11:19:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

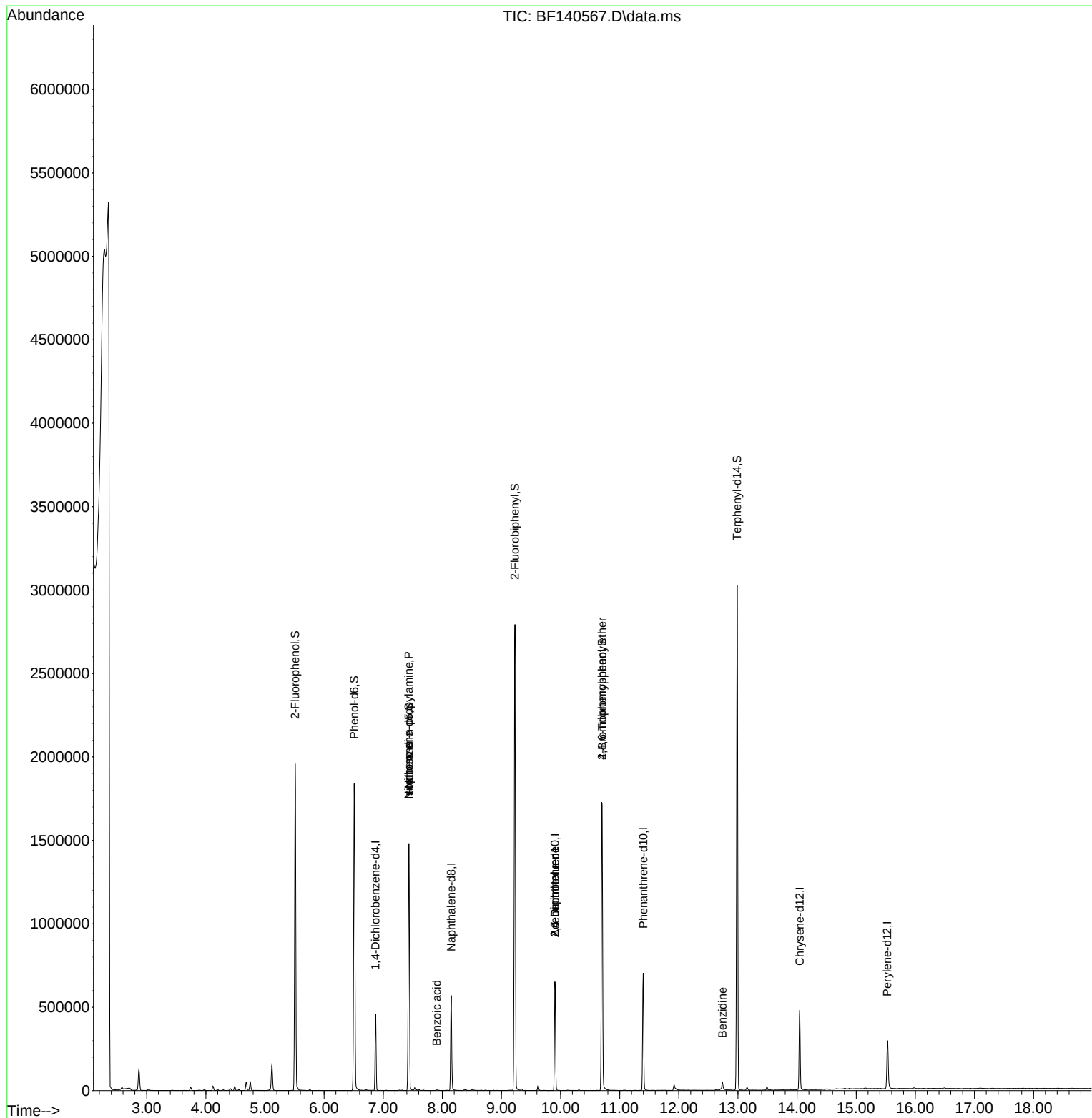
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	95916	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	362240	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	199732	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	383423	20.000	ng	0.00
76) Chrysene-d12	14.045	240	235981	20.000	ng	0.00
86) Perylene-d12	15.527	264	192364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	749572	133.338	ng	0.01
7) Phenol-d6	6.510	99	888052	119.493	ng	0.00
23) Nitrobenzene-d5	7.433	82	703247	99.302	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	324941	152.115	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1269026	94.666	ng	0.00
79) Terphenyl-d14	12.986	244	1517055	100.104	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	96594	21.992	ng	Qvalue # 75
25) Isophorone	7.433	82	699417	59.212	ng	# 66
32) Benzoic acid	7.904	122	965	7.435	ng	# 81
51) 2,6-Dinitrotoluene	9.904	165	26629	8.926	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	26629	6.716	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	21085	5.340	ng	# 1
77) Benzidine	12.739	184	32788	4.779	ng	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

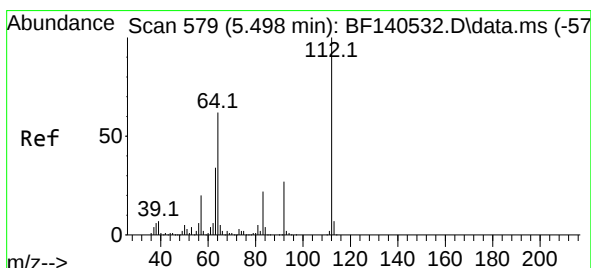
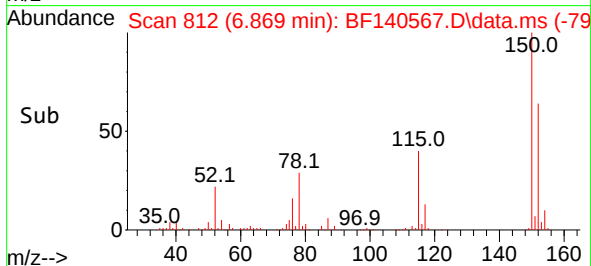
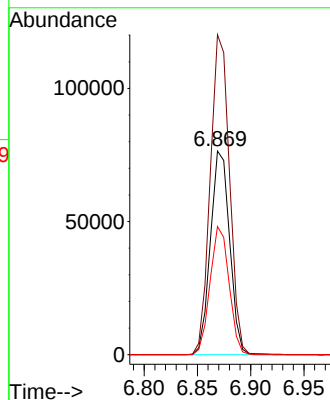
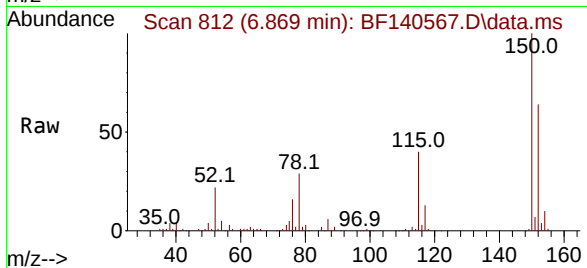




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

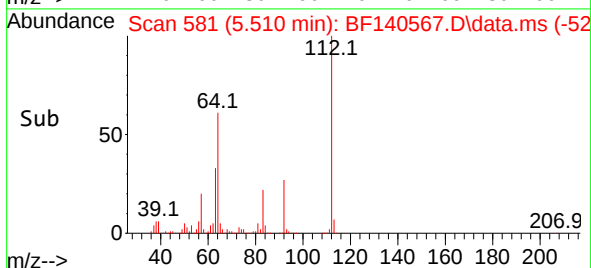
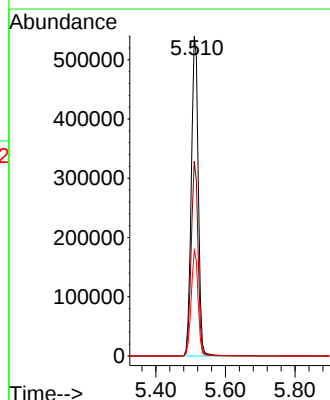
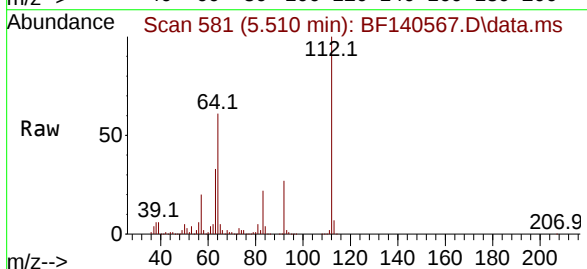
Instrument :
BNA_F
ClientSampleId :
MH-759

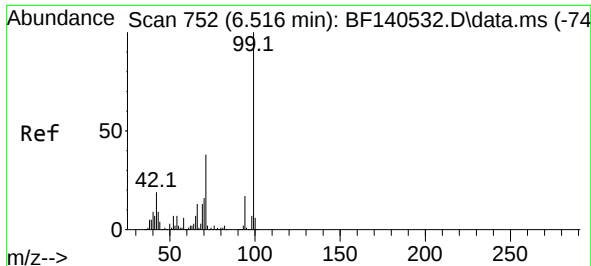
Tgt Ion:152 Resp: 95916
Ion Ratio Lower Upper
152 100
150 157.1 128.5 192.7
115 63.0 50.2 75.4



#5
2-Fluorophenol
Concen: 133.338 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:112 Resp: 749572
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 33.0 27.0 40.4





#7
Phenol-d6
Concen: 119.493 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

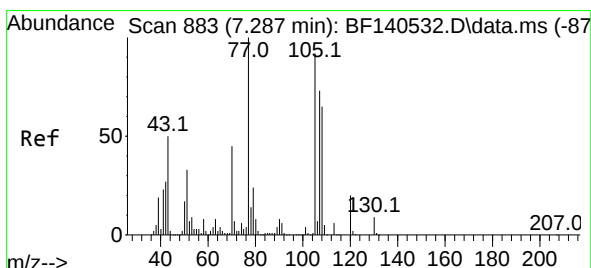
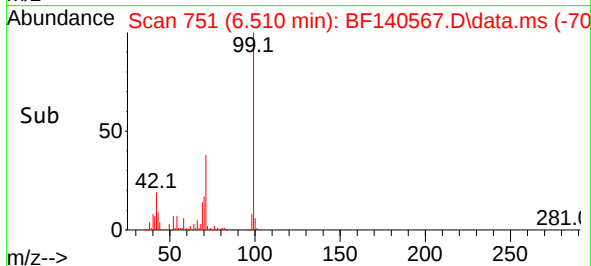
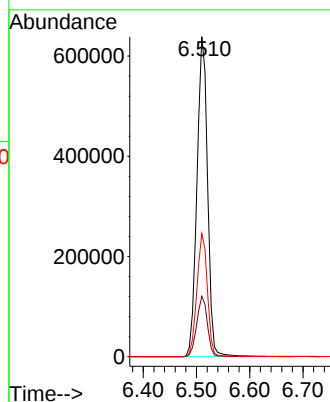
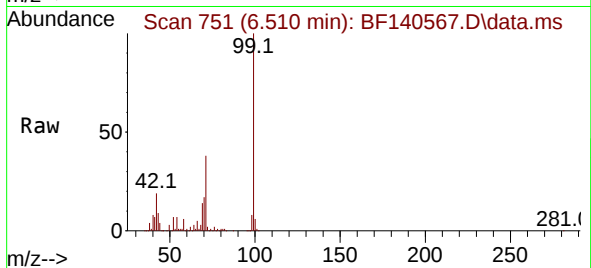
Instrument :

BNA_F

ClientSampleId :

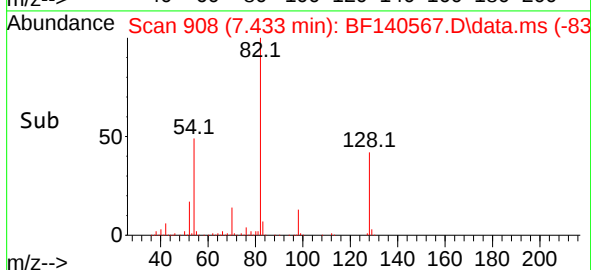
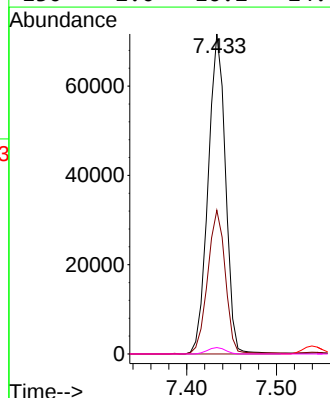
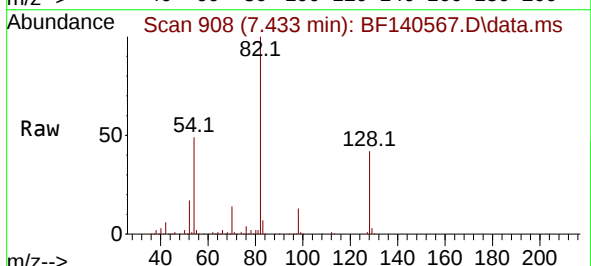
MH-759

Tgt Ion: 99 Resp: 888052
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.5 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.992 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion: 70 Resp: 96594
Ion Ratio Lower Upper
70 100
42 44.9 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

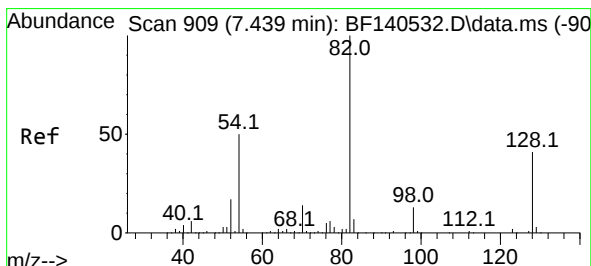
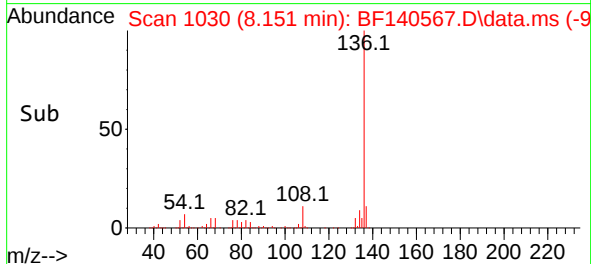
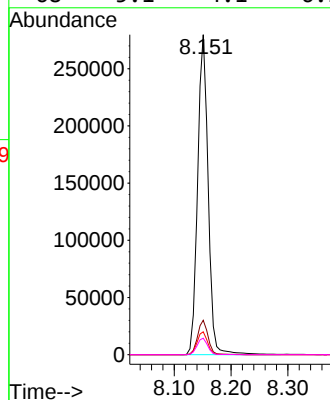
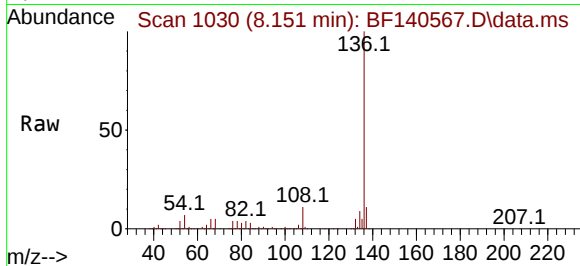




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

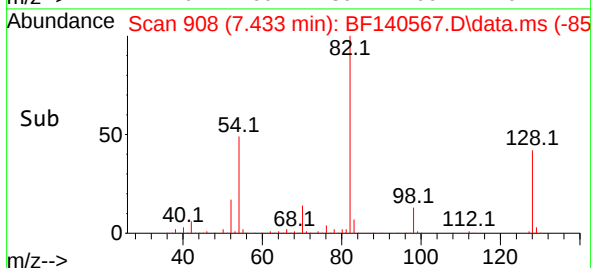
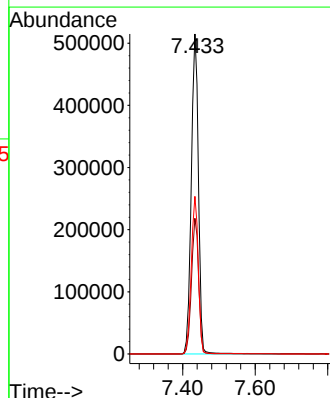
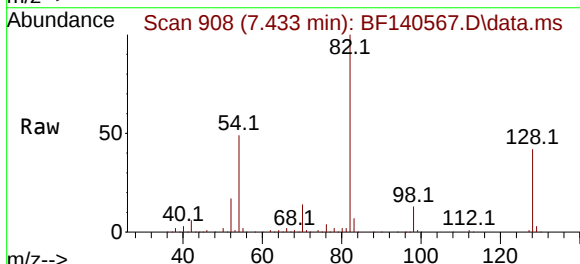
Instrument :
BNA_F
ClientSampleId :
MH-759

Tgt Ion:136	Resp: 362240
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 7.1	5.8 8.8
68 5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 99.302 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion: 82	Resp: 703247
Ion Ratio	Lower Upper
82 100	
128 42.4	33.0 49.4
54 49.3	39.5 59.3

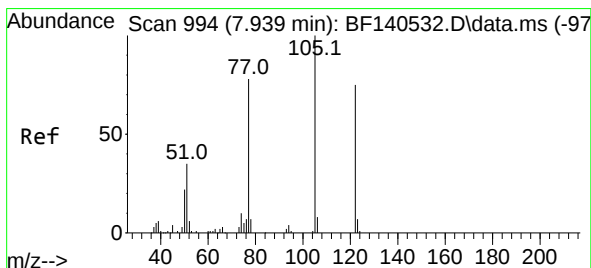
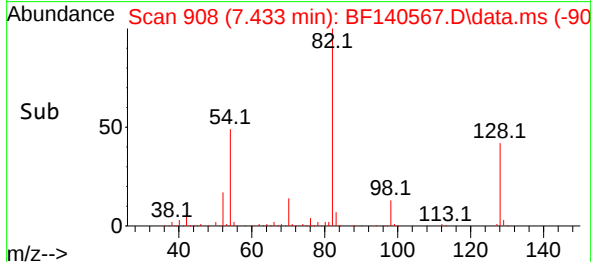
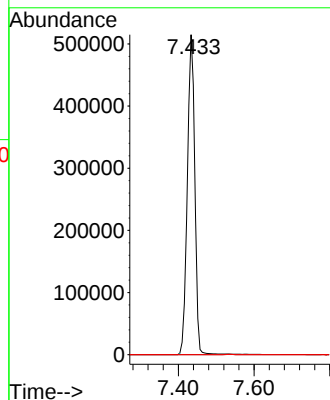
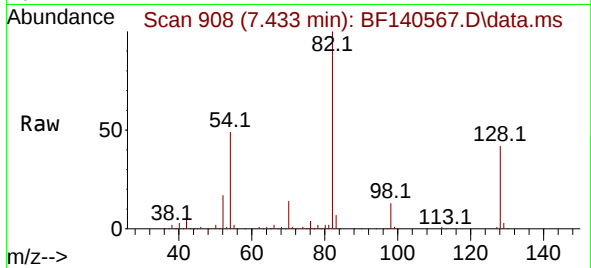




#25
Isophorone
Concen: 59.212 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

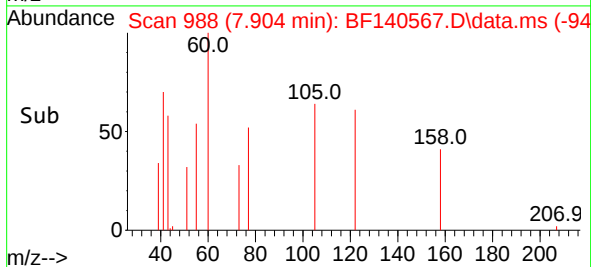
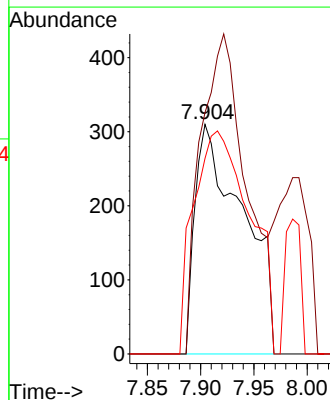
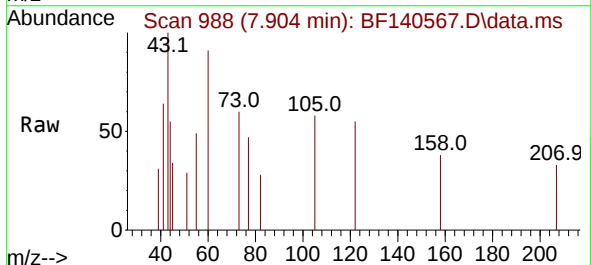
Instrument :
BNA_F
ClientSampleId :
MH-759

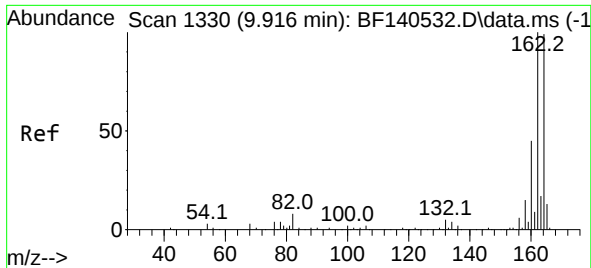
Tgt Ion: 82 Resp: 699417
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.435 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.035 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion: 122 Resp: 965
Ion Ratio Lower Upper
122 100
105 105.2 109.3 149.3#
77 85.2 82.3 122.3

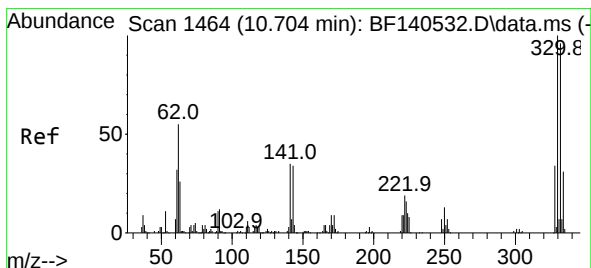
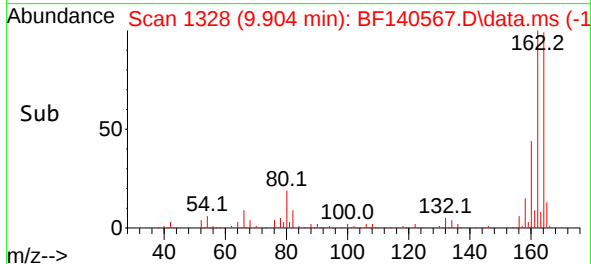
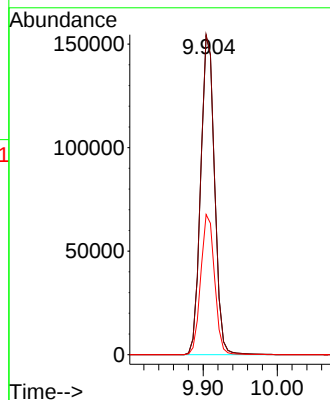
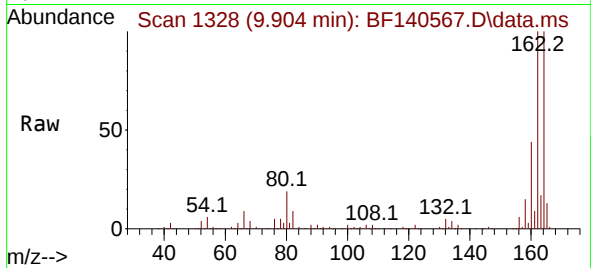




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

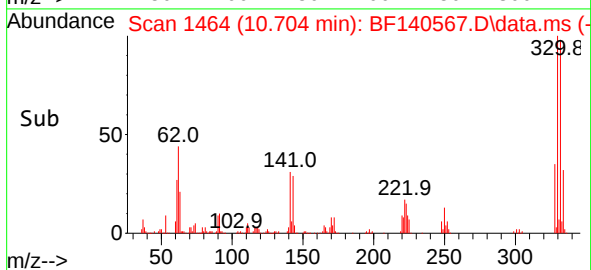
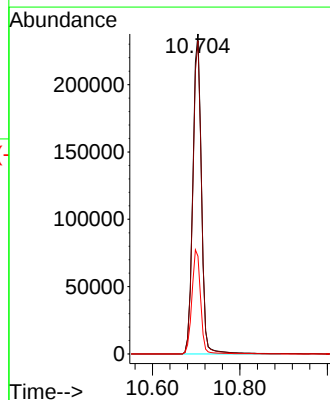
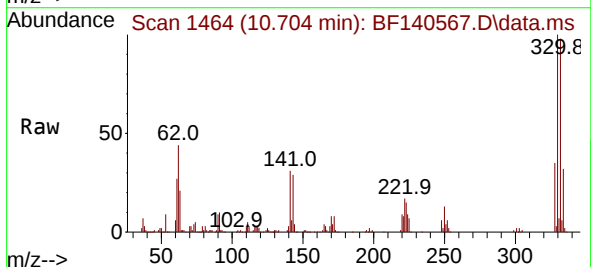
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ClientSampleId :
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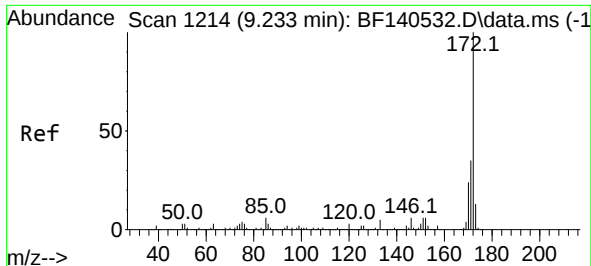
Tgt Ion:164 Resp: 199732
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 43.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 152.115 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:330 Resp: 324941
Ion Ratio Lower Upper
330 100
332 97.7 76.9 115.3
141 33.0 26.7 40.1

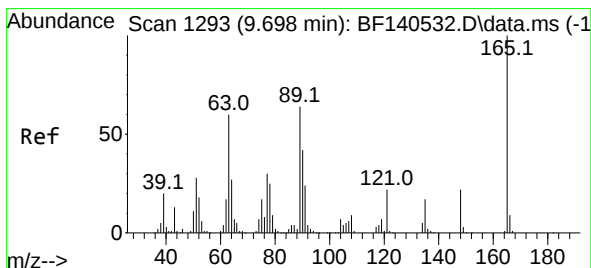
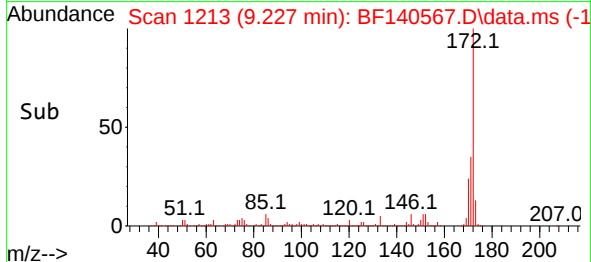
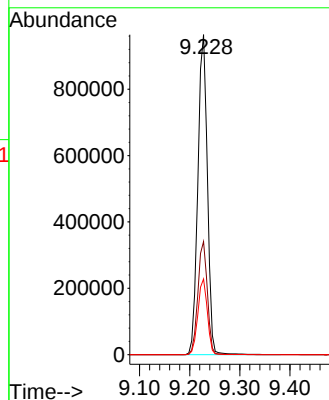
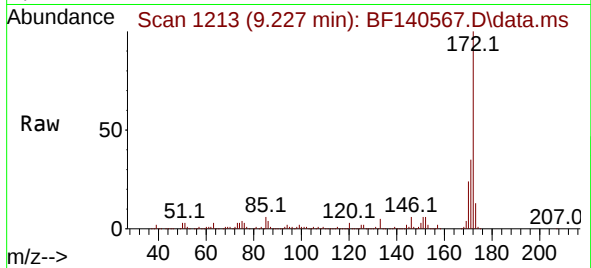




#45
2-Fluorobiphenyl
Concen: 94.666 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

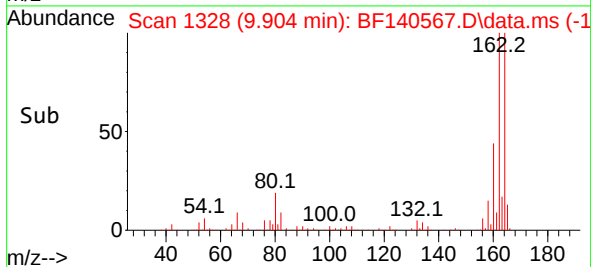
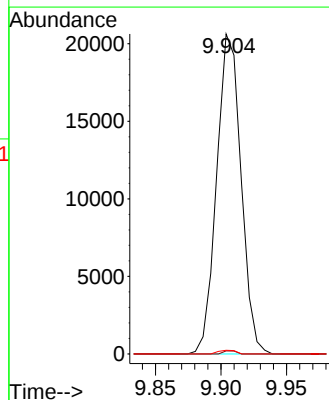
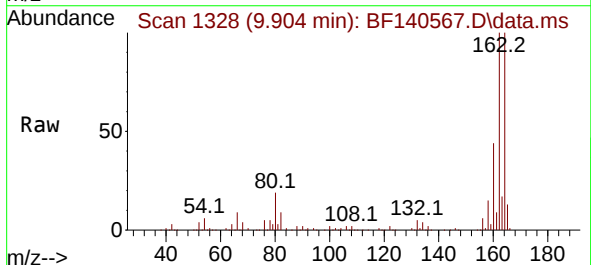
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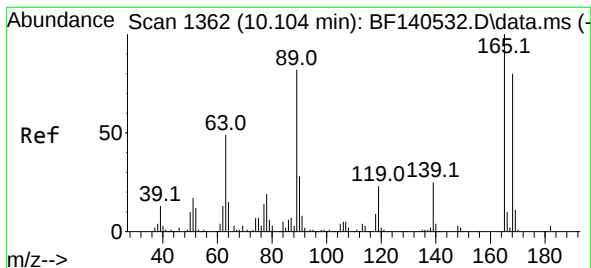
Tgt Ion:172 Resp: 1269026
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.926 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:165 Resp: 26629
Ion Ratio Lower Upper
165 100
63 0.9 49.9 74.9#
89 1.2 50.9 76.3#

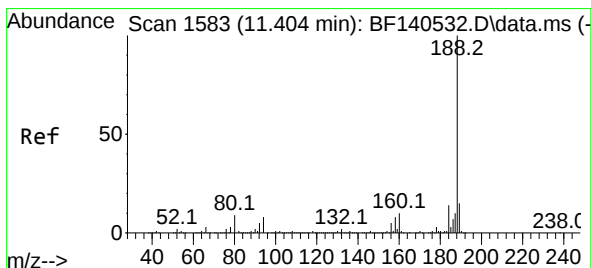
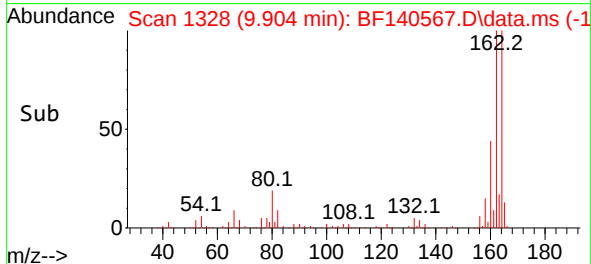
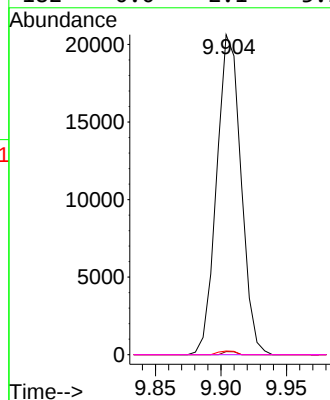
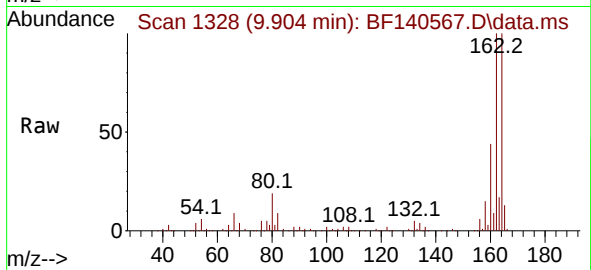




#57
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

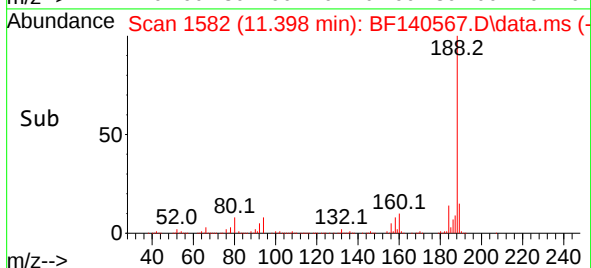
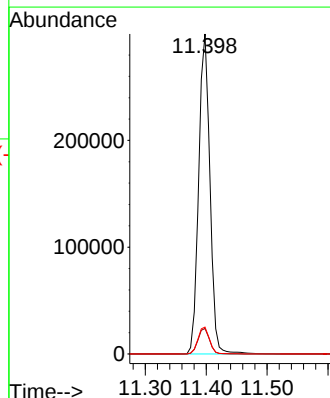
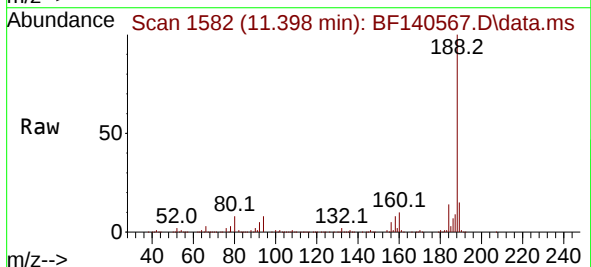
Instrument :
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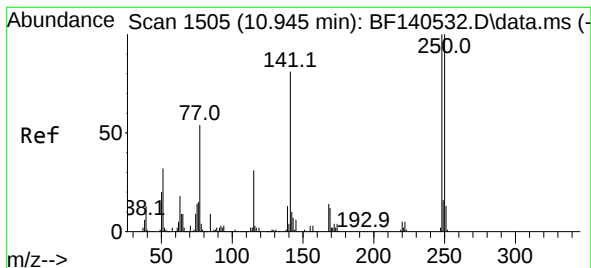
Tgt Ion:165 Resp: 26629
Ion Ratio Lower Upper
165 100
63 0.9 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:188 Resp: 383423
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.4 6.9 10.3

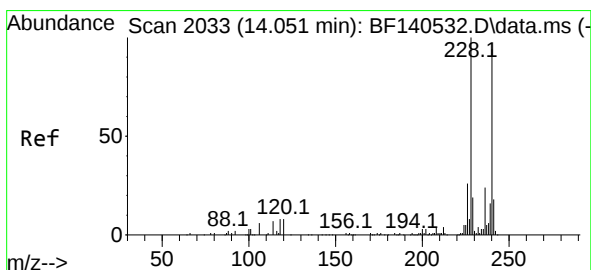
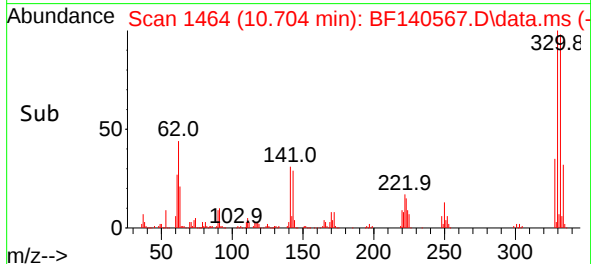
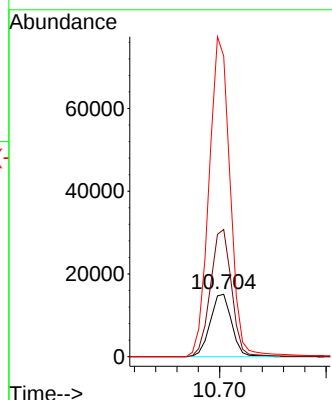
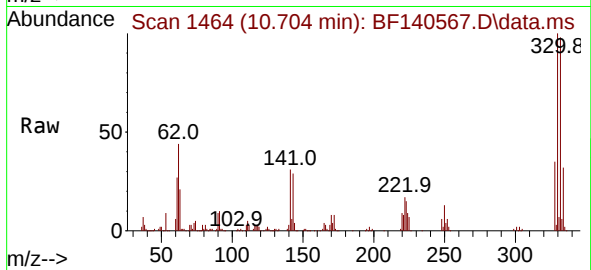




#67
4-Bromophenyl-phenylether
Concen: 5.340 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

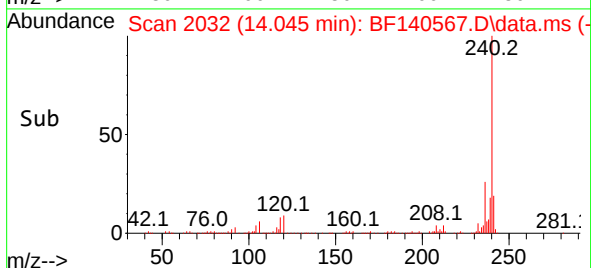
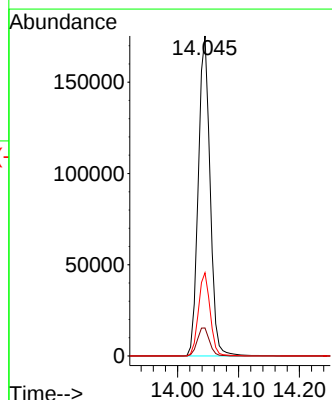
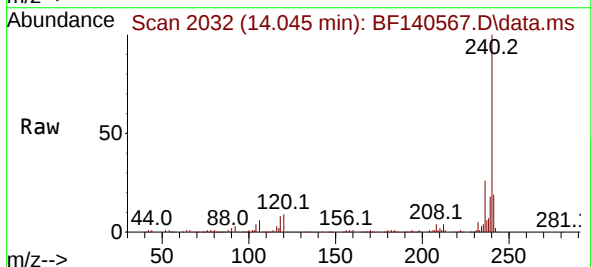
Instrument :
BNA_F
ClientSampleId :
MH-759

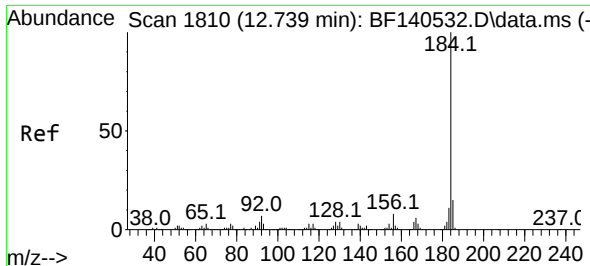
Tgt Ion:248 Resp: 21085
Ion Ratio Lower Upper
248 100
250 203.7 79.8 119.8#
141 481.4 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:240 Resp: 235981
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 26.0 20.6 31.0

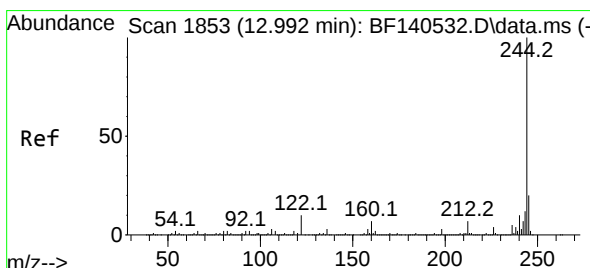
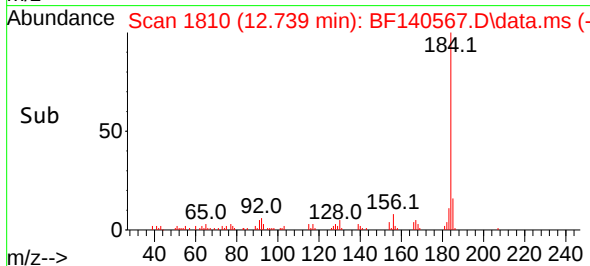
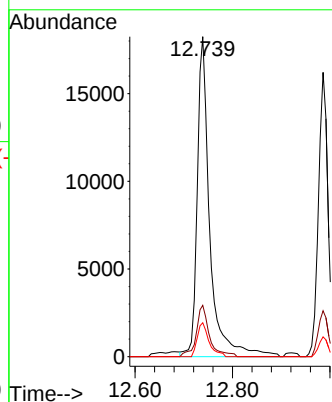
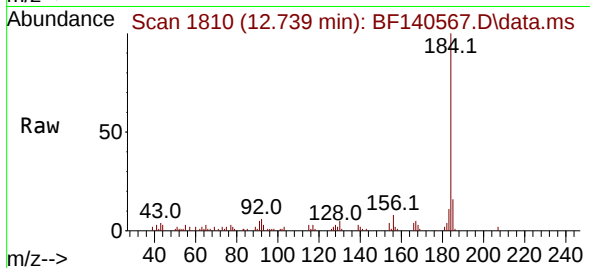




#77
Benzidine
Concen: 4.779 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

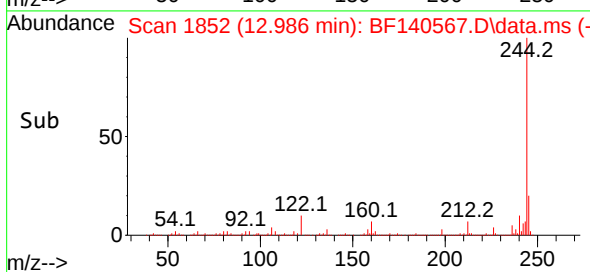
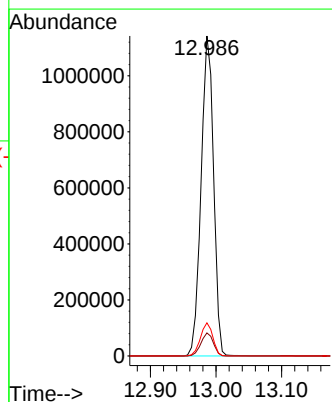
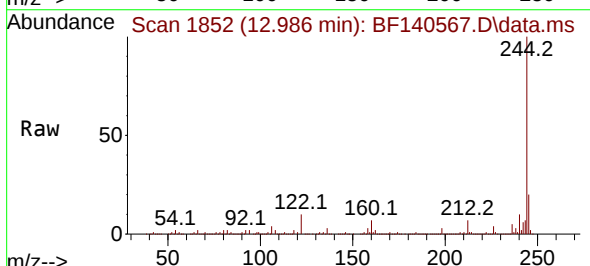
Instrument :
BNA_F
ClientSampleId :
MH-759

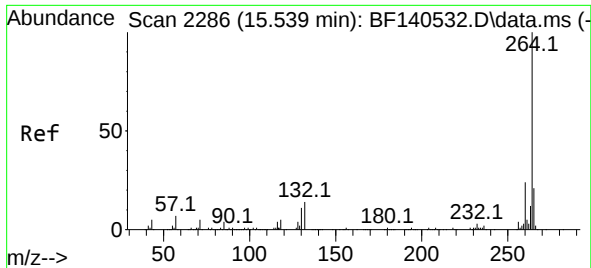
Tgt Ion:184 Resp: 32788
Ion Ratio Lower Upper
184 100
185 16.1 11.7 17.5
183 10.6 8.8 13.2



#79
Terphenyl-d14
Concen: 100.104 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:244 Resp: 1517055
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.3 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140567.D

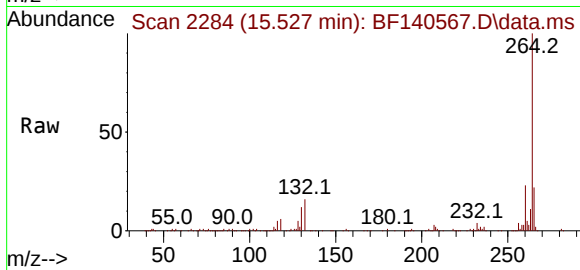
Acq: 22 Nov 2024 10:44

Instrument :

BNA_F

ClientSampleId :

MH-759



Tgt Ion:264 Resp: 192364

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.8 16.6 25.0

