

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140568.D
 Acq On : 22 Nov 2024 11:10
 Operator : RC/JU
 Sample : P4910-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-COTTAGE

Quant Time: Nov 22 11:32:00 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)

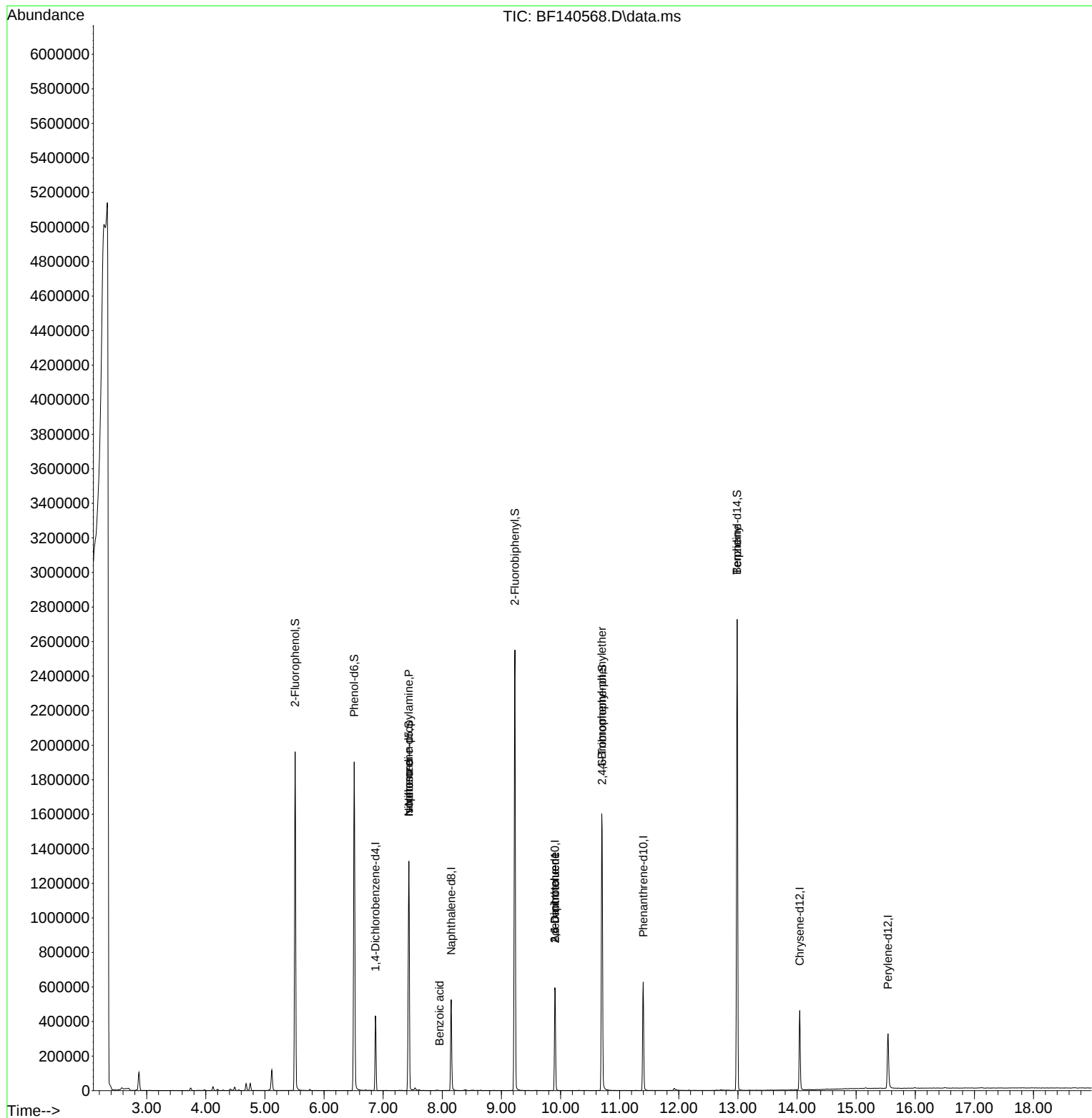
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90391	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	340003	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	188041	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	346986	20.000	ng	0.00
76) Chrysene-d12	14.045	240	224754	20.000	ng	0.00
86) Perylene-d12	15.539	264	204242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	731166	138.014	ng	0.01
7) Phenol-d6	6.510	99	929222	132.675	ng	0.00
23) Nitrobenzene-d5	7.434	82	635351	95.583	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	293011	145.696	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1169491	92.665	ng	0.00
79) Terphenyl-d14	12.986	244	1361281	94.312	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	86993	21.017	ng	# 74
25) Isophorone	7.434	82	629152	56.747	ng	# 66
32) Benzoic acid	7.951	122	698	7.379	ng	# 37
51) 2,6-Dinitrotoluene	9.904	165	24010	8.548	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	24006	6.431	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	18999	5.317	ng	# 1
77) Benzidine	12.986	184	18443	2.822	ng	# 94

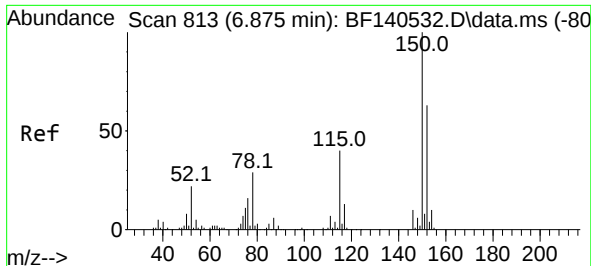
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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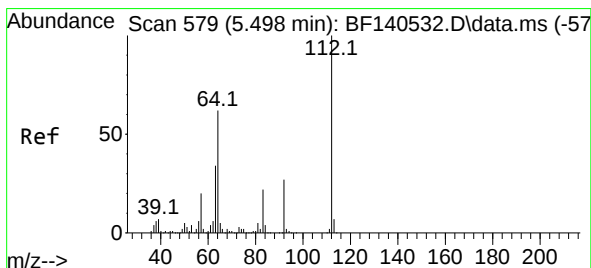
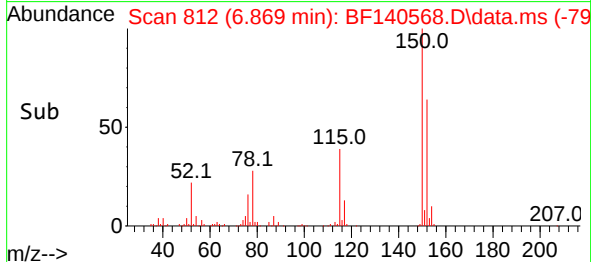
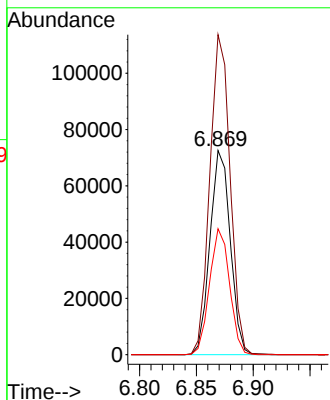
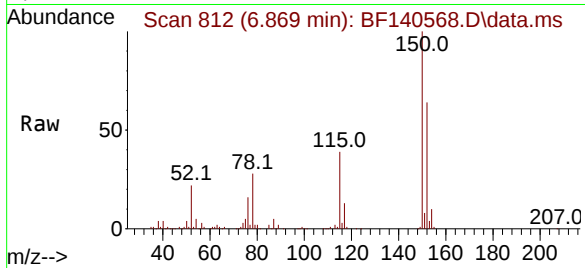




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

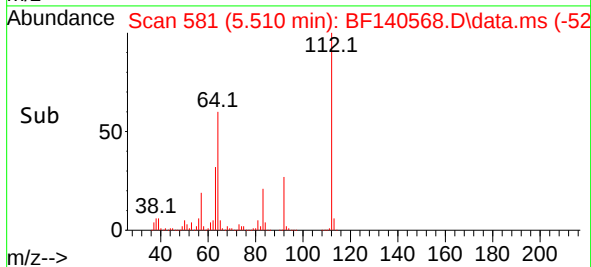
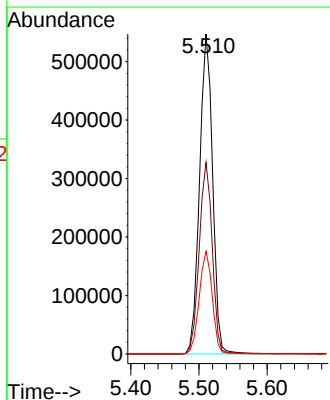
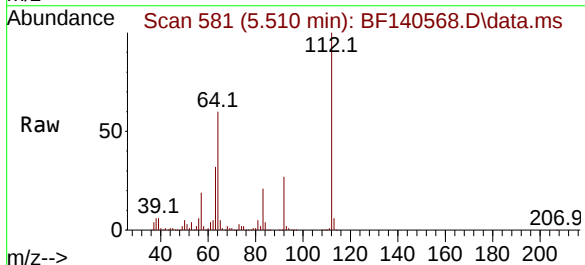
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

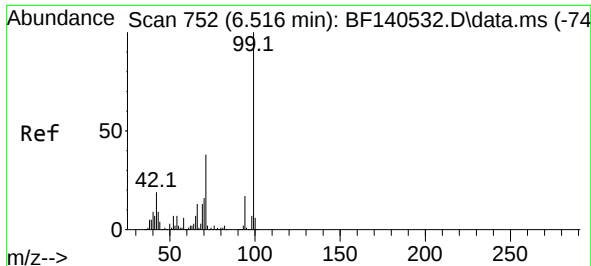
Tgt Ion:152 Resp: 90391
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 61.7 50.2 75.4



#5
2-Fluorophenol
Concen: 138.014 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion:112 Resp: 731166
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.0 27.0 40.4

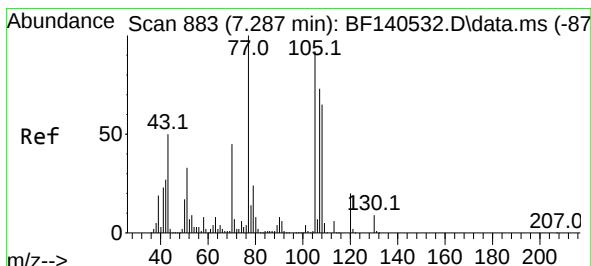
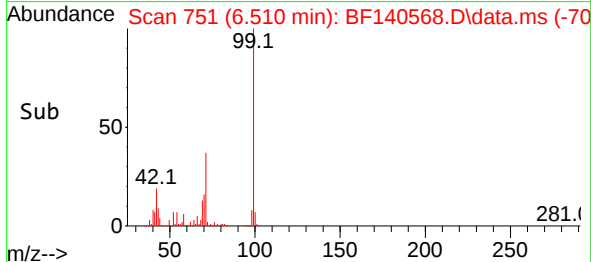
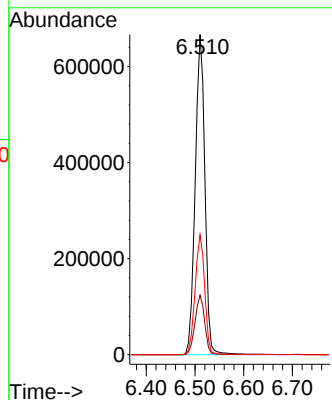
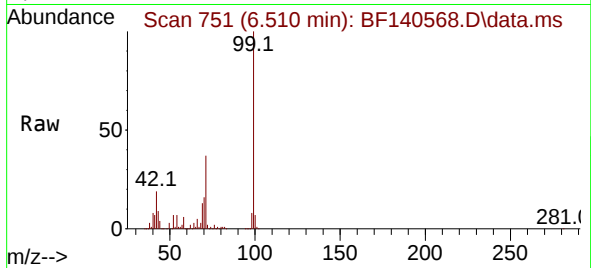




#7
Phenol-d6
Concen: 132.675 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

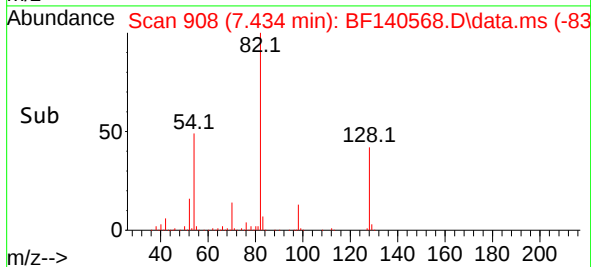
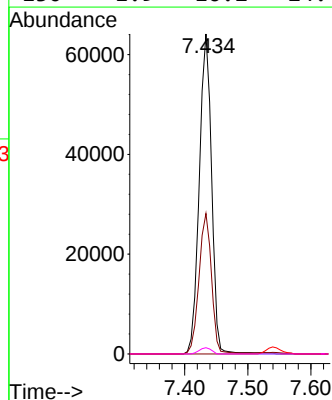
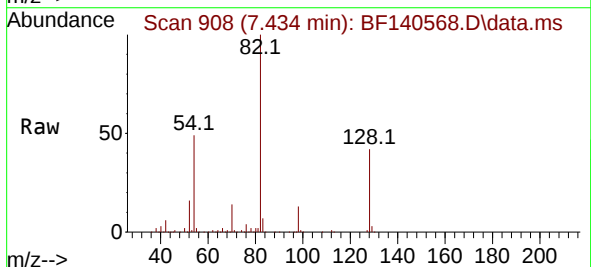
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

Tgt Ion: 99 Resp: 929222
Ion Ratio Lower Upper
99 100
42 18.6 15.4 23.0
71 37.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.017 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion: 70 Resp: 86993
Ion Ratio Lower Upper
70 100
42 43.9 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

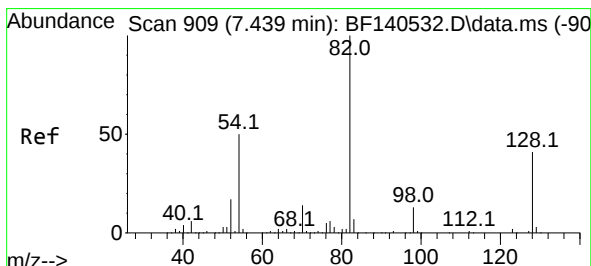
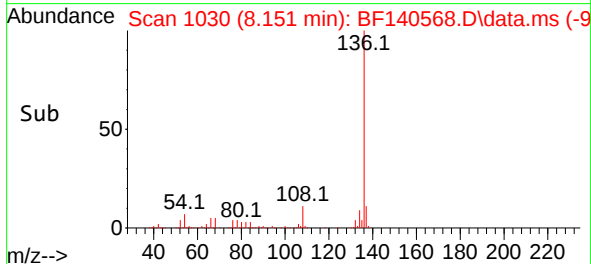
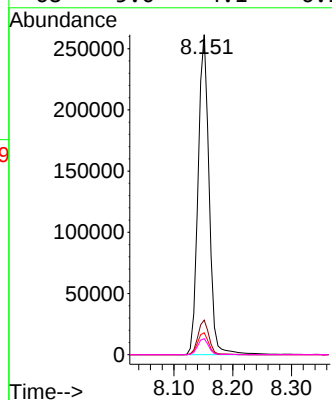
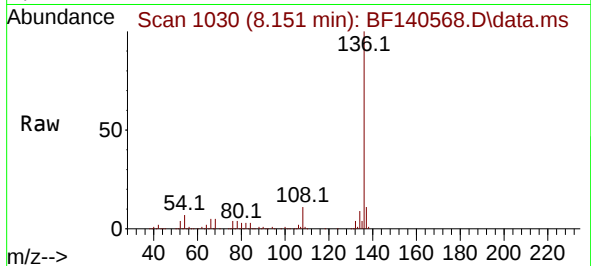




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

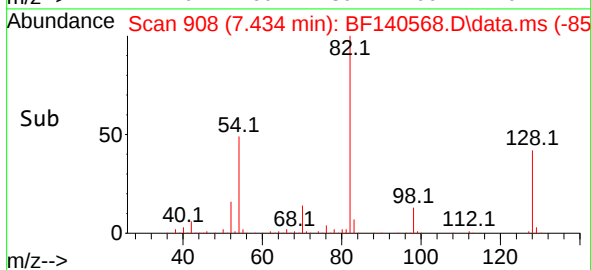
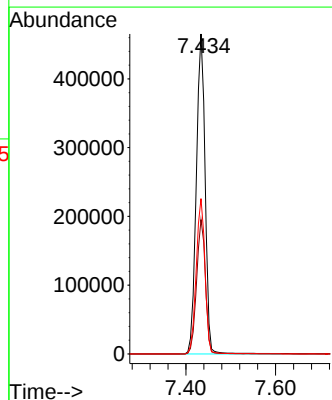
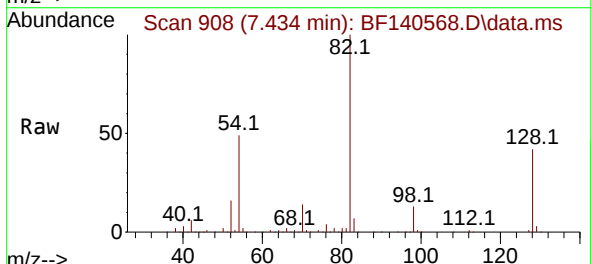
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

Tgt Ion:136 Resp: 340003
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 95.583 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion: 82 Resp: 635351
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 48.6 39.5 59.3

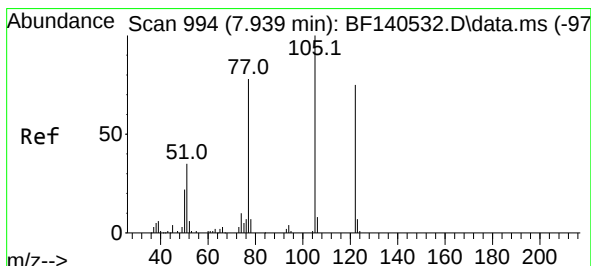
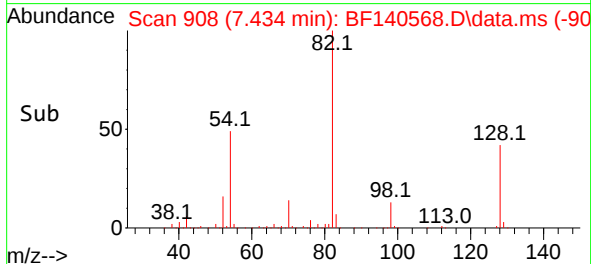
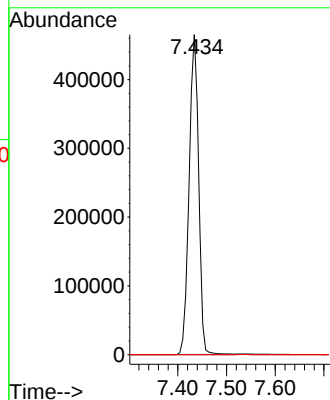
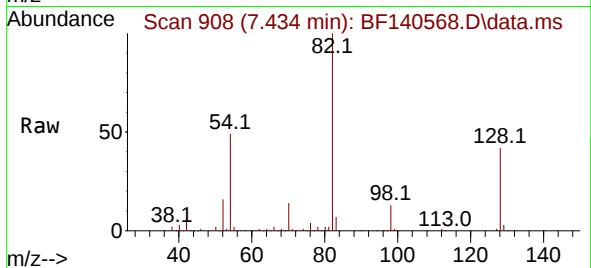




#25
Isophorone
Concen: 56.747 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

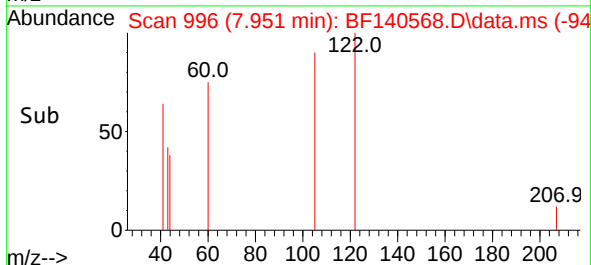
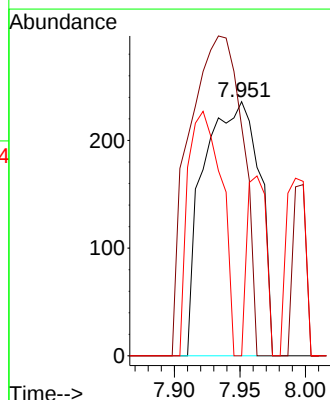
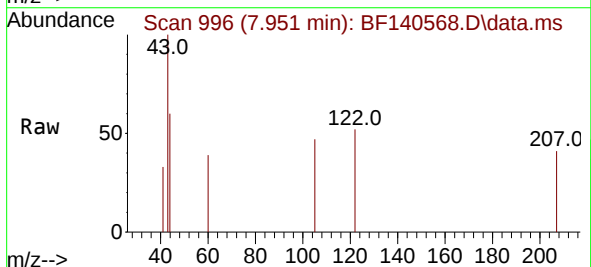
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

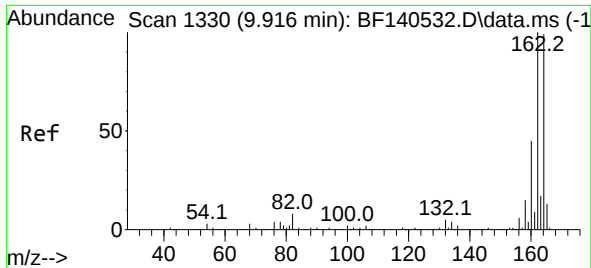
Tgt Ion: 82 Resp: 629152
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.379 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion:122 Resp: 698
Ion Ratio Lower Upper
122 100
105 90.3 109.3 149.3#
77 0.0 82.3 122.3#

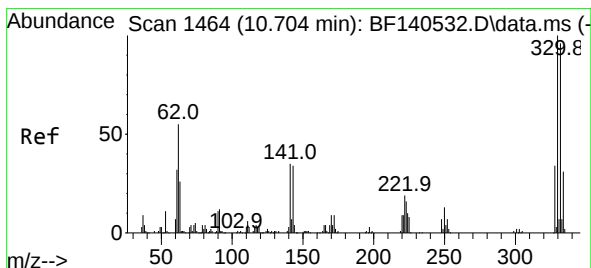
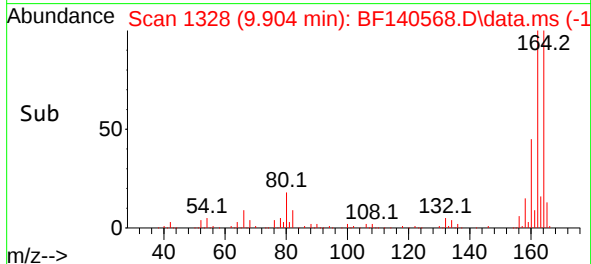
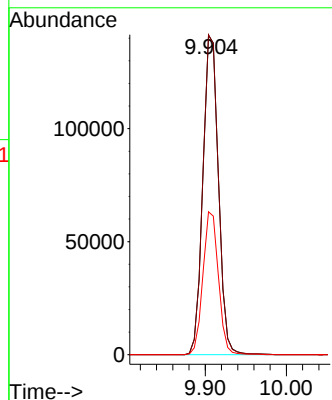
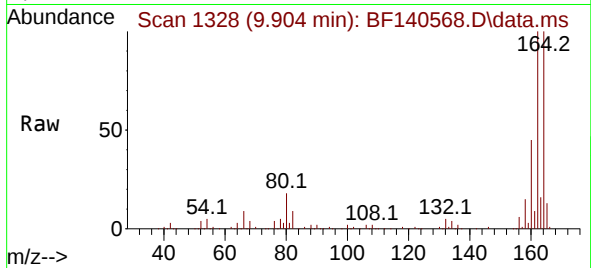




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

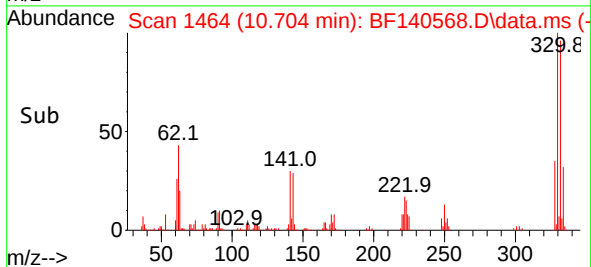
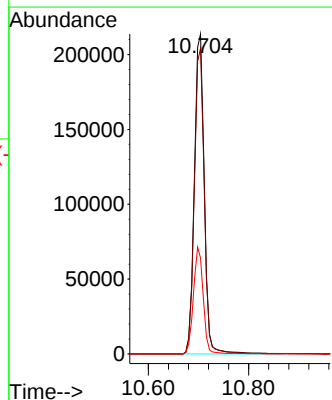
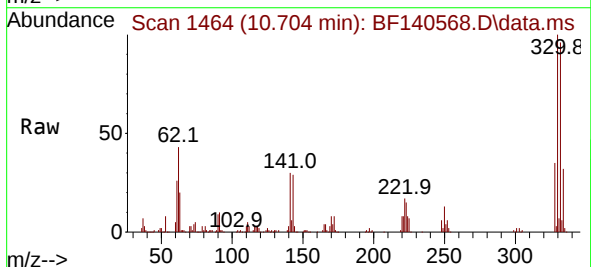
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

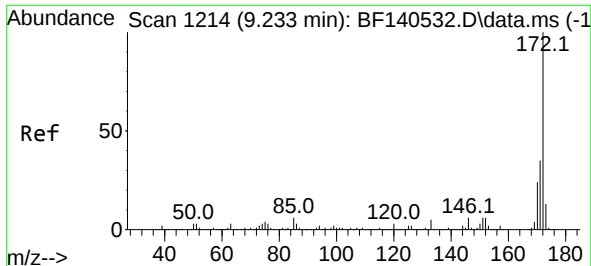
Tgt Ion:164 Resp: 188041
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 44.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 145.696 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion:330 Resp: 293011
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 33.1 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 92.665 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140568.D

Acq: 22 Nov 2024 11:10

Instrument :

BNA_F

ClientSampleId :

MH-COTTAGE

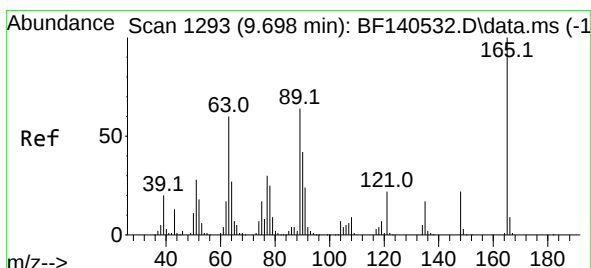
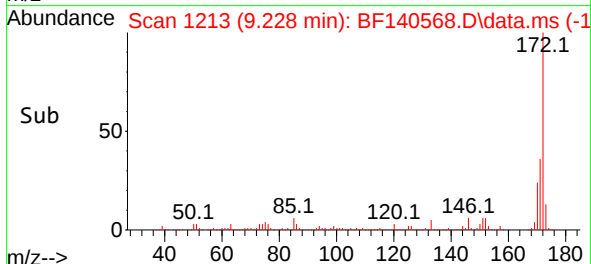
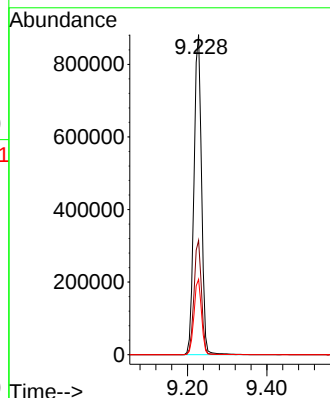
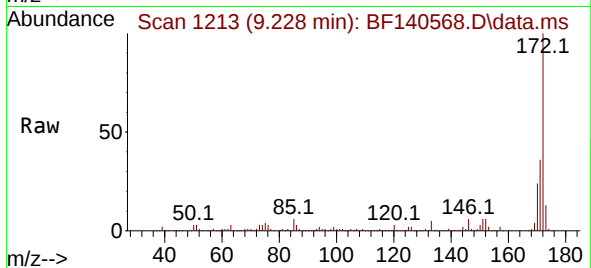
Tgt Ion:172 Resp: 1169491

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.548 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140568.D

Acq: 22 Nov 2024 11:10

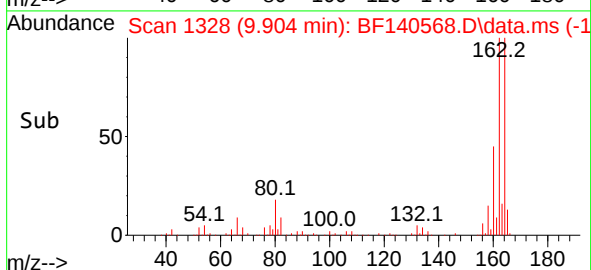
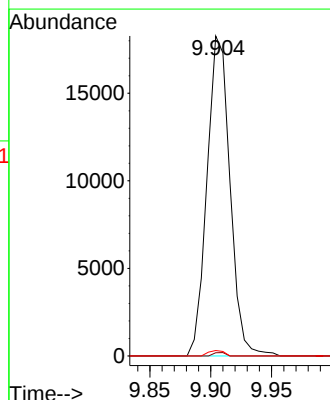
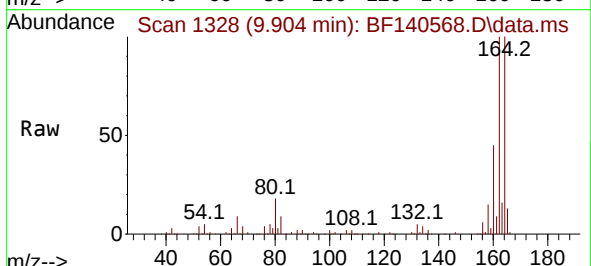
Tgt Ion:165 Resp: 24010

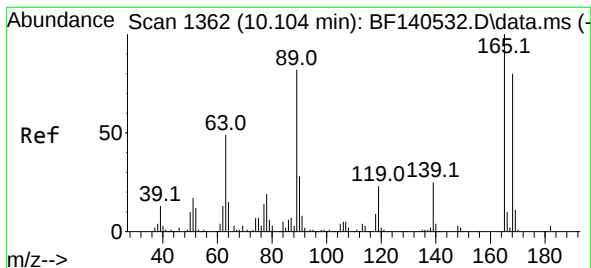
Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.7 50.9 76.3#

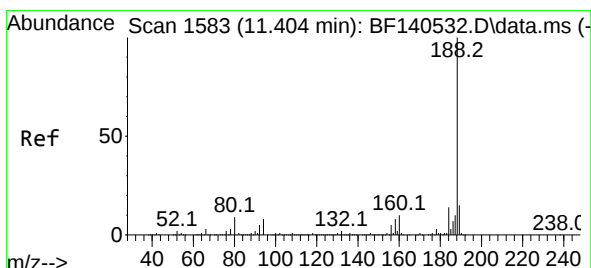
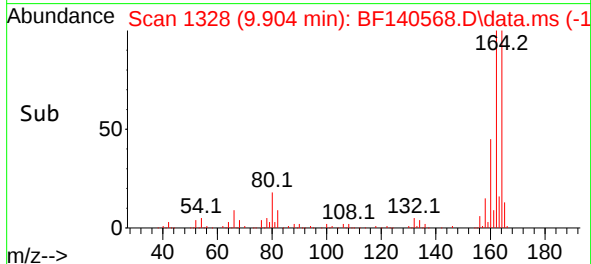
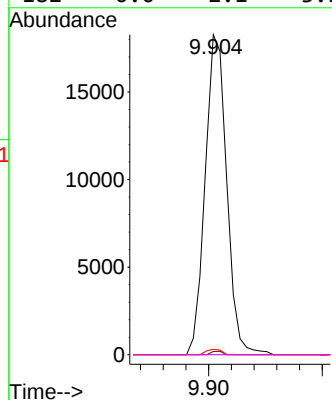
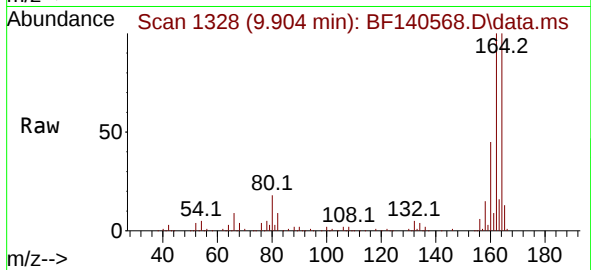




#57
2,4-Dinitrotoluene
Concen: 6.431 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

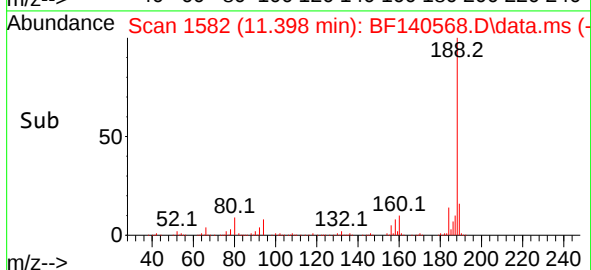
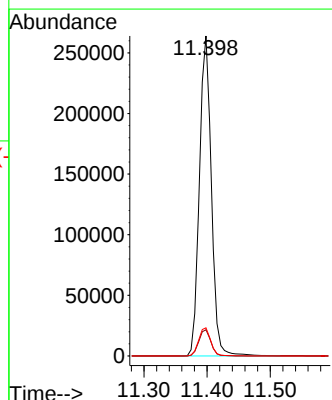
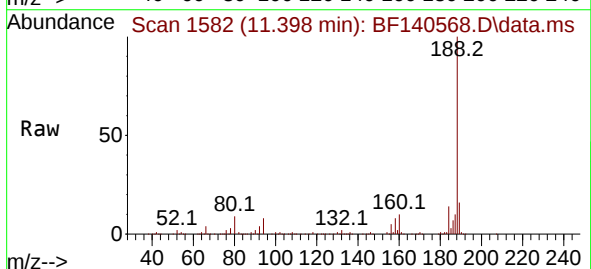
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

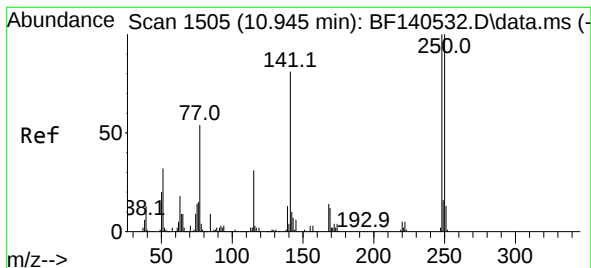
Tgt Ion:	165	Resp:	24006
Ion Ratio	Lower	Upper	
165	100		
63	1.0	41.7	62.5#
89	1.7	65.8	98.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion:	188	Resp:	346986
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.4	9.6
80	8.8	6.9	10.3

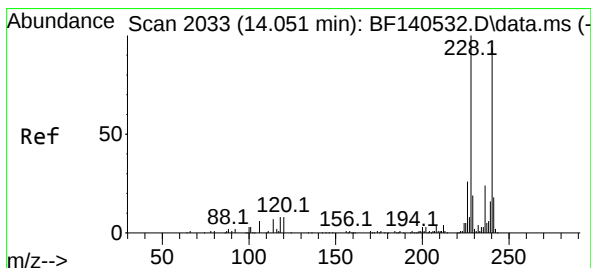
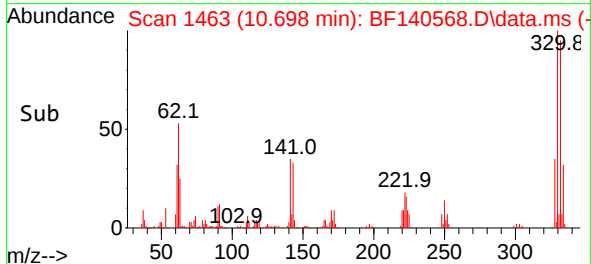
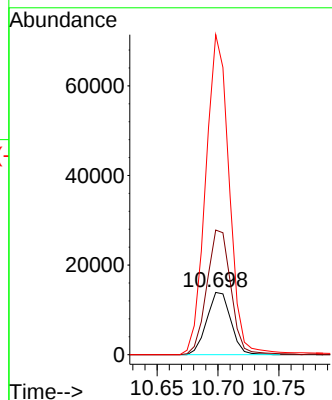
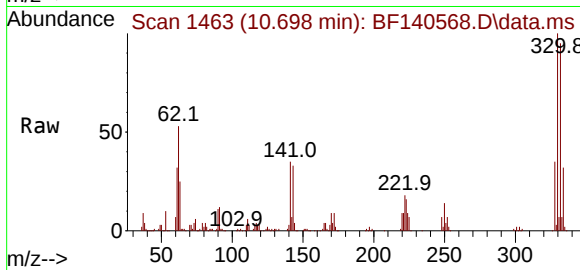




#67
4-Bromophenyl-phenylether
Concen: 5.317 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

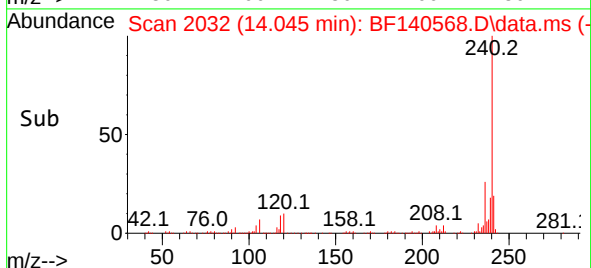
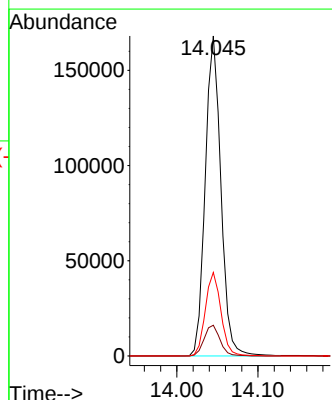
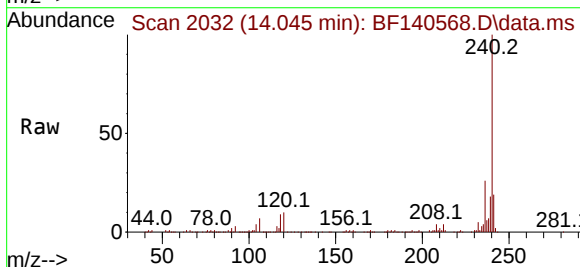
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

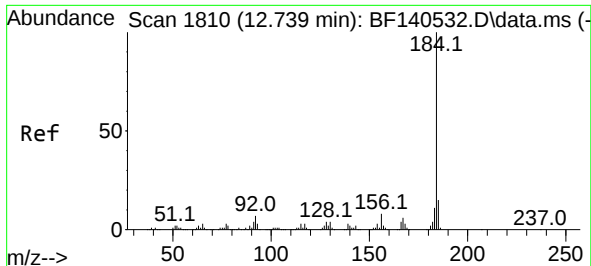
Tgt Ion:248 Resp: 18999
Ion Ratio Lower Upper
248 100
250 200.0 79.8 119.8#
141 513.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion:240 Resp: 224754
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.1 20.6 31.0

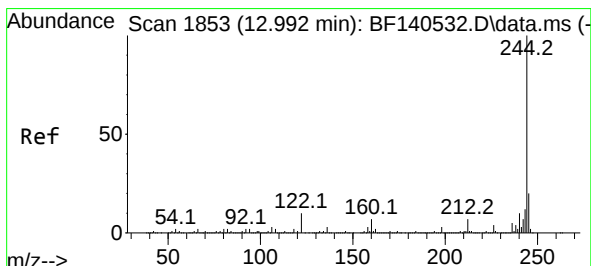
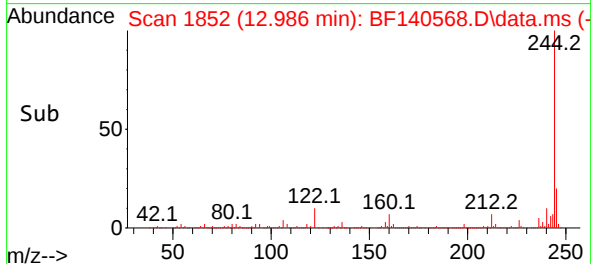
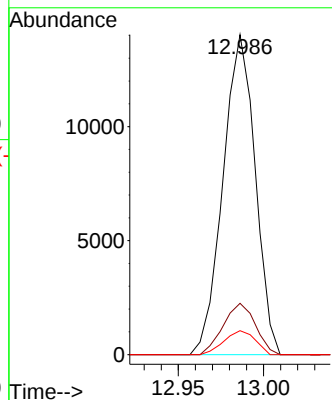
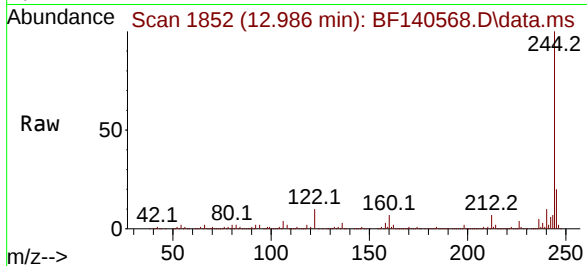




#77
Benzidine
Concen: 2.822 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

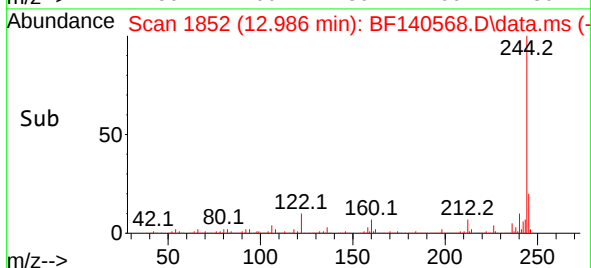
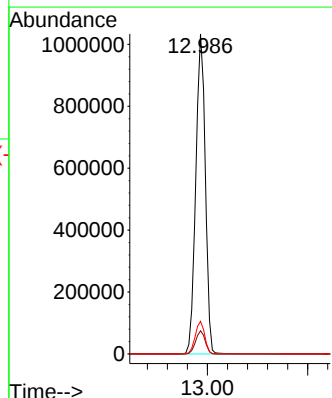
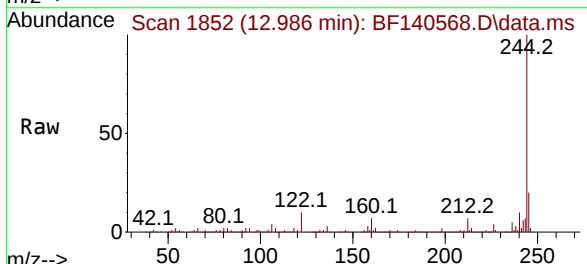
Instrument :
BNA_F
ClientSampleId :
MH-COTTAGE

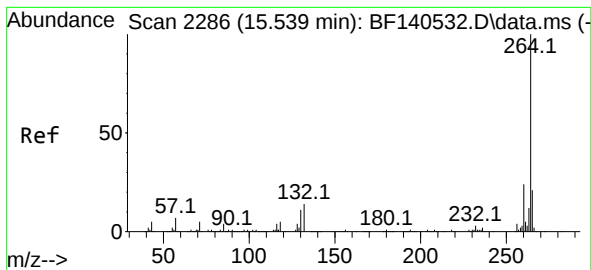
Tgt Ion:184 Resp: 18443
Ion Ratio Lower Upper
184 100
185 16.1 11.7 17.5
183 7.5 8.8 13.2#



#79
Terphenyl-d14
Concen: 94.312 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140568.D
Acq: 22 Nov 2024 11:10

Tgt Ion:244 Resp: 1361281
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.2 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140568.D

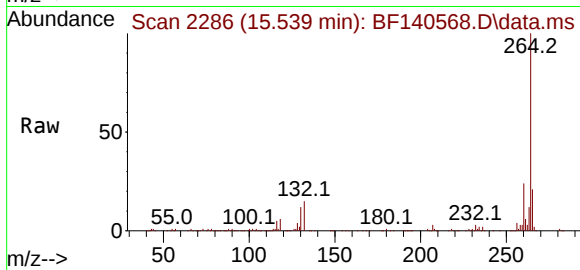
Acq: 22 Nov 2024 11:10

Instrument :

BNA_F

ClientSampleId :

MH-COTTAGE



Tgt Ion:264 Resp: 204242

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 20.6 16.6 25.0

