

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140649.D
 Acq On : 26 Nov 2024 18:26
 Operator : RC/JU
 Sample : P4985-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WC

Quant Time: Nov 27 00:08:00 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)

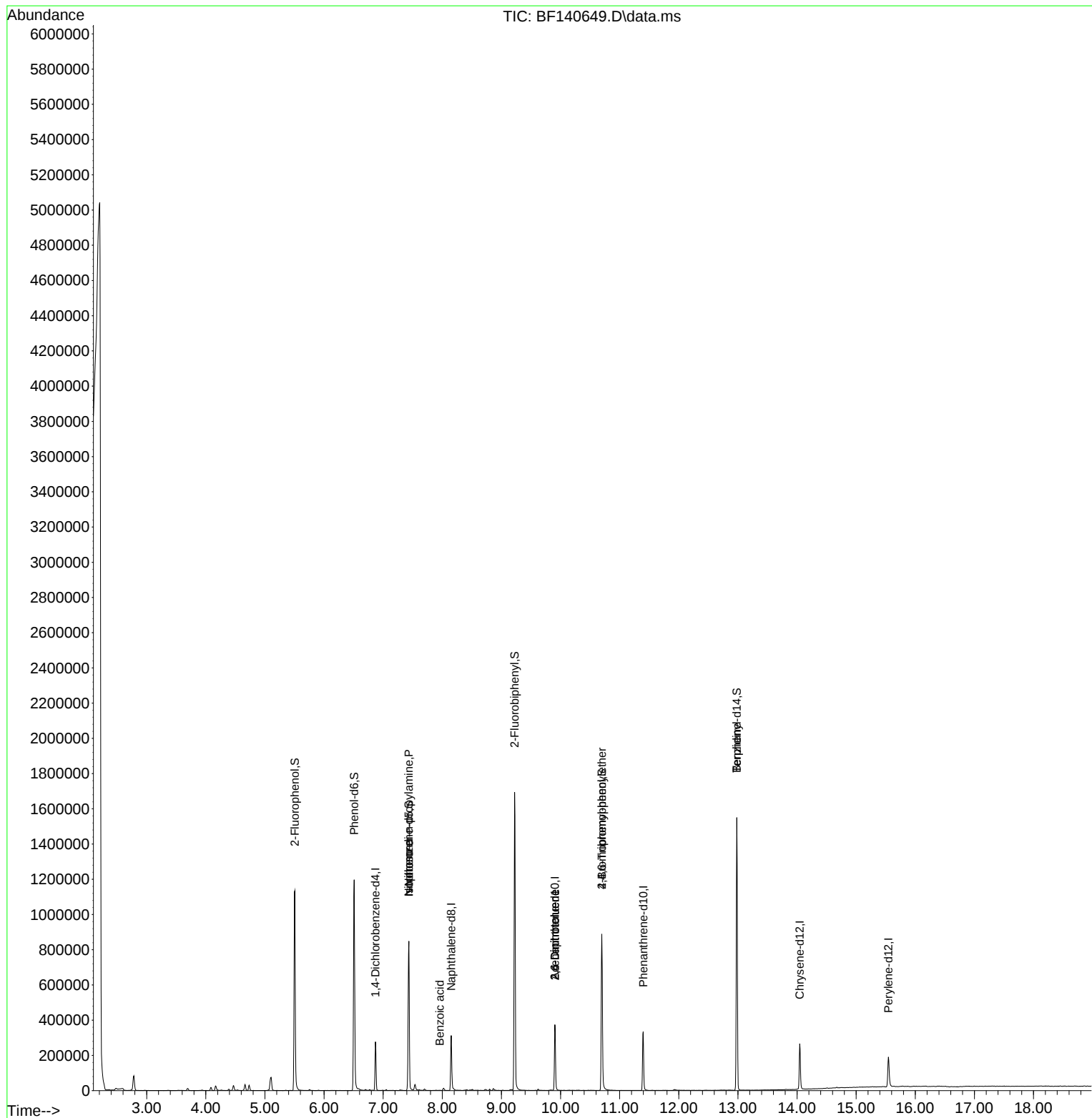
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57294	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	211473	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	116578	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	197040	20.000	ng	0.00
76) Chrysene-d12	14.045	240	136703	20.000	ng	0.00
86) Perylene-d12	15.545	264	115889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	461659	137.482	ng	0.00
7) Phenol-d6	6.510	99	598622	134.846	ng	0.00
23) Nitrobenzene-d5	7.434	82	393693	95.225	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	164370	131.832	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	767622	98.107	ng	-0.01
79) Terphenyl-d14	12.980	244	761106	86.695	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	51687	19.701	ng	# 76
25) Isophorone	7.434	82	388637	56.359	ng	# 66
32) Benzoic acid	7.957	122	405	7.367	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	15384	8.835	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	15384	6.648	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	10368	5.109	ng	# 1
77) Benzidine	12.980	184	9569	2.408	ng	# 91

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

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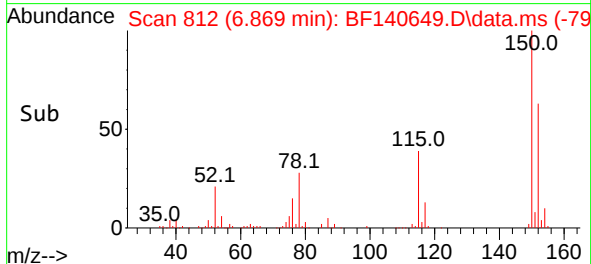
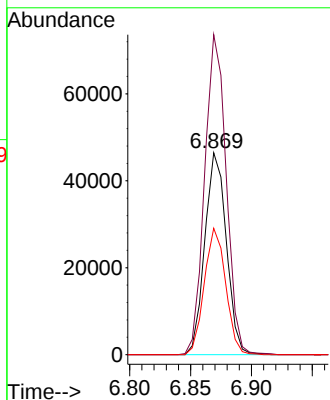
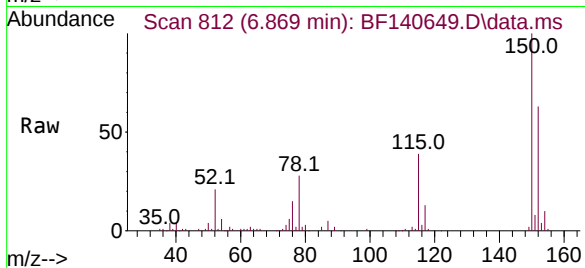




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

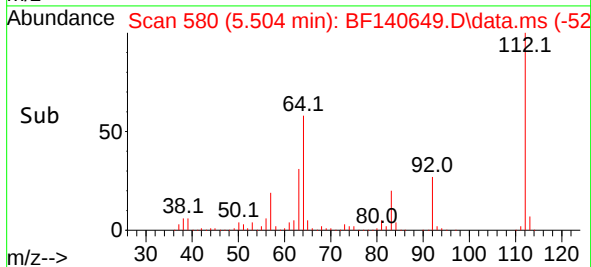
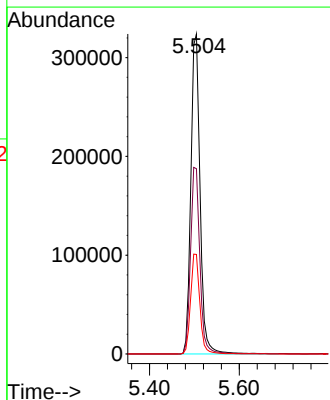
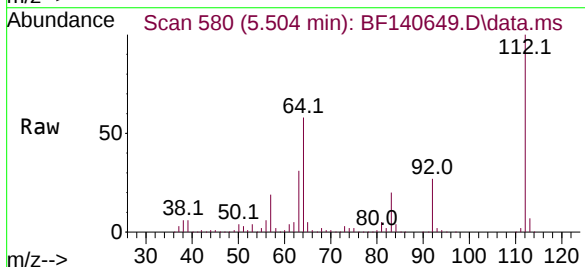
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

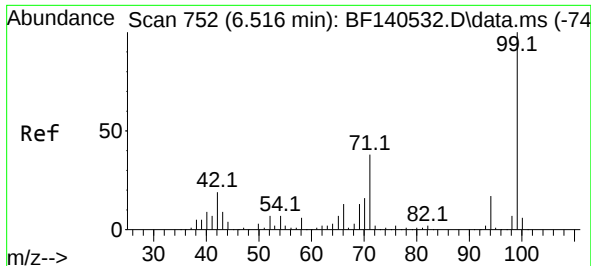
Tgt Ion:152 Resp: 57294
Ion Ratio Lower Upper
152 100
150 158.5 128.5 192.7
115 62.6 50.2 75.4



#5
2-Fluorophenol
Concen: 137.482 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion:112 Resp: 461659
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.1 27.0 40.4

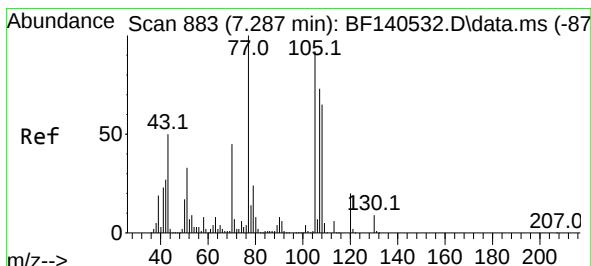
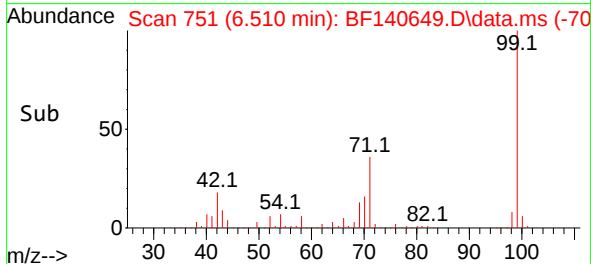
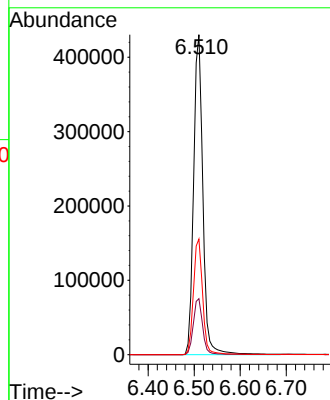
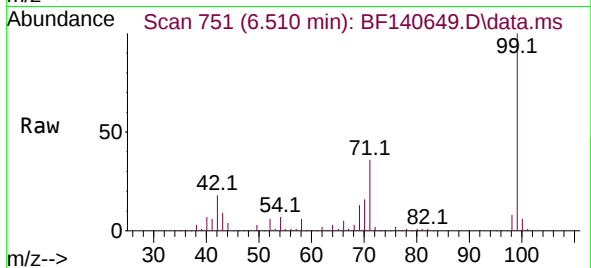




#7
Phenol-d6
Concen: 134.846 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

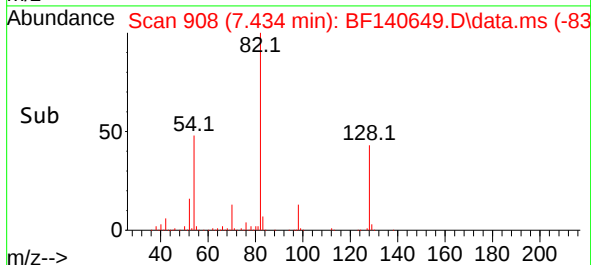
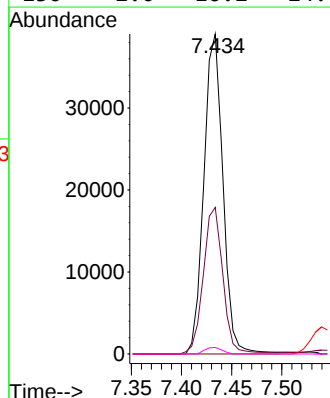
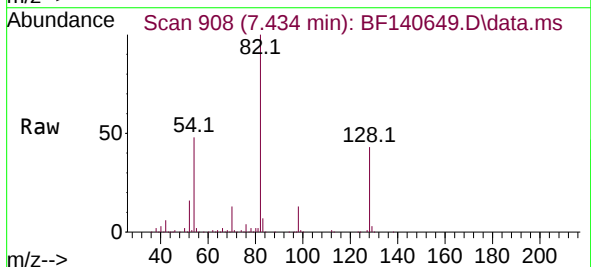
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

Tgt Ion: 99 Resp: 598622
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.701 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion: 70 Resp: 51687
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#



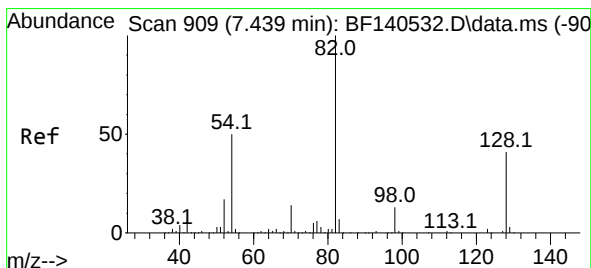
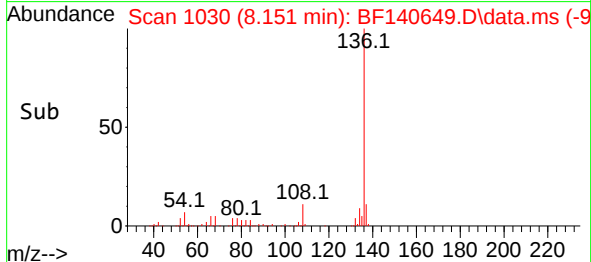
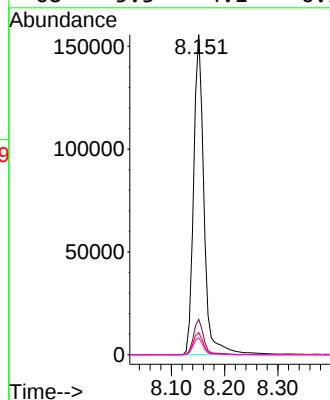
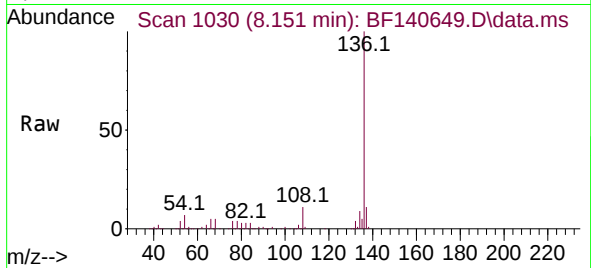


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Instrument :
BNA_F
ClientSampleId :
MH-756-WC

Tgt Ion:136 Resp: 211473

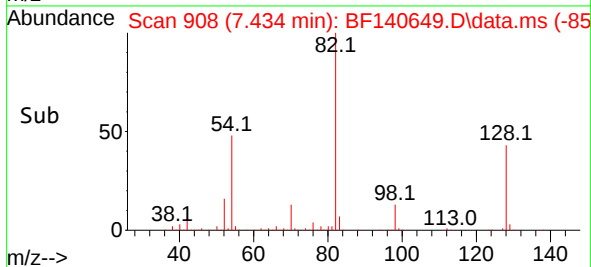
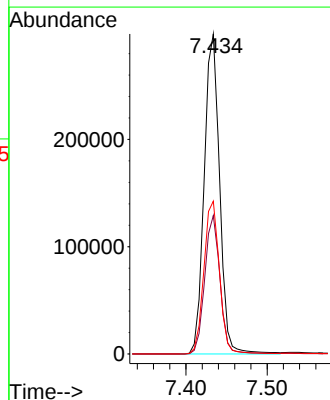
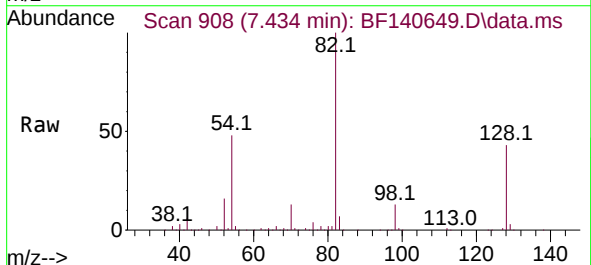
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.9	5.8	8.8
68	5.3	4.1	6.1

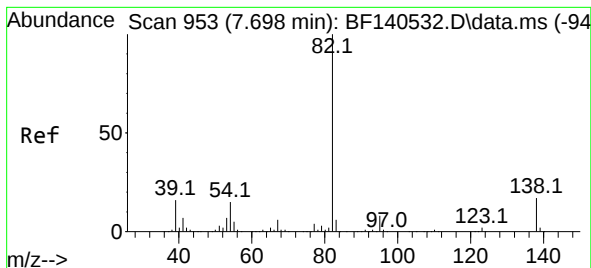


#23
Nitrobenzene-d5
Concen: 95.225 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion: 82 Resp: 393693

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	47.7	39.5	59.3





#25

Isophorone

Concen: 56.359 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF140649.D

Acq: 26 Nov 2024 18:26

Instrument :

BNA_F

ClientSampleId :

MH-756-WC

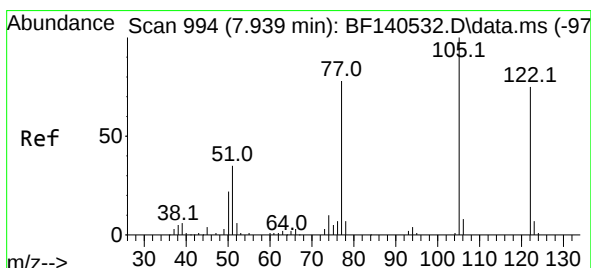
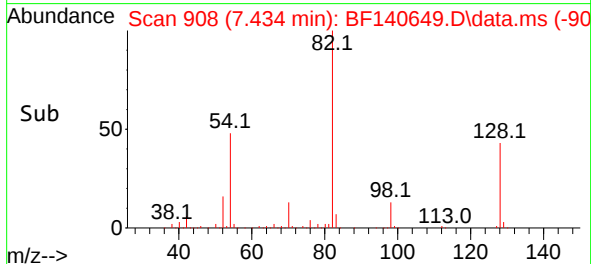
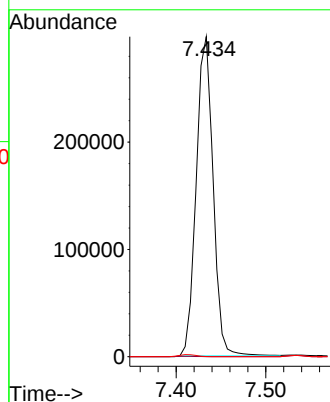
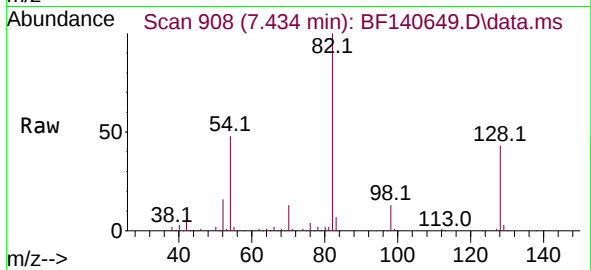
Tgt Ion: 82 Resp: 388637

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.1 13.8 20.6#



#32

Benzoic acid

Concen: 7.367 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.018 min

Lab File: BF140649.D

Acq: 26 Nov 2024 18:26

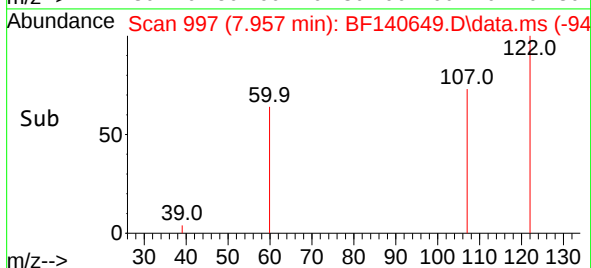
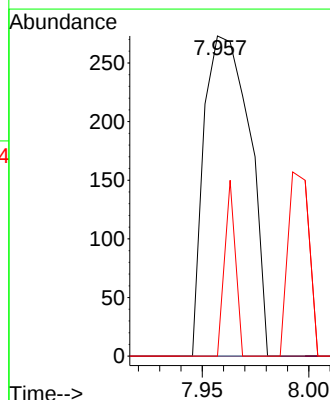
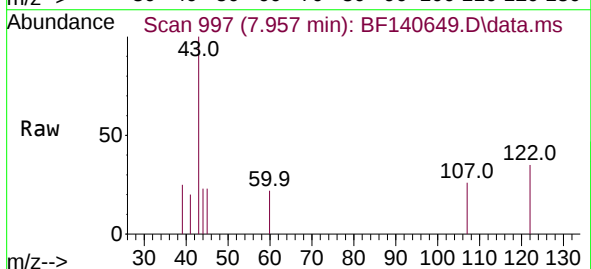
Tgt Ion: 122 Resp: 405

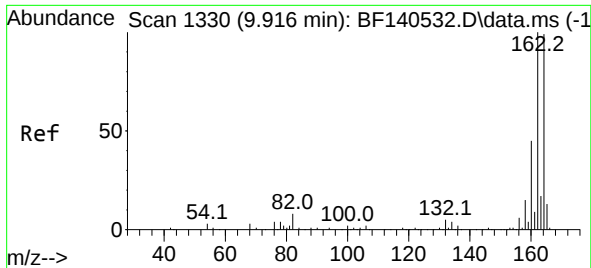
Ion Ratio Lower Upper

122 100

105 0.0 109.3 149.3#

77 0.0 82.3 122.3#

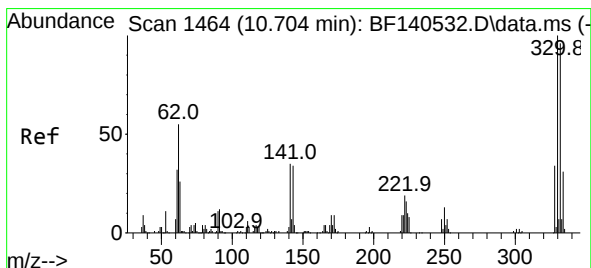
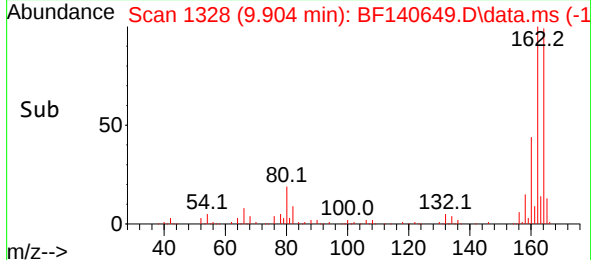
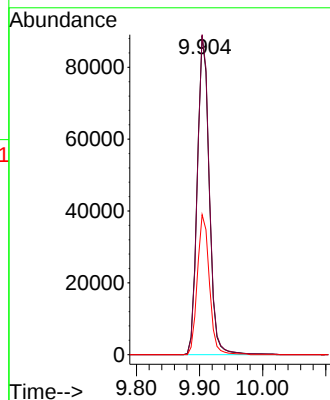
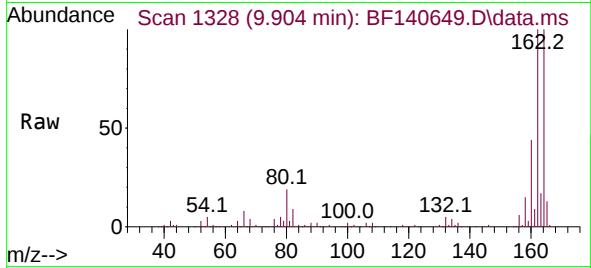




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

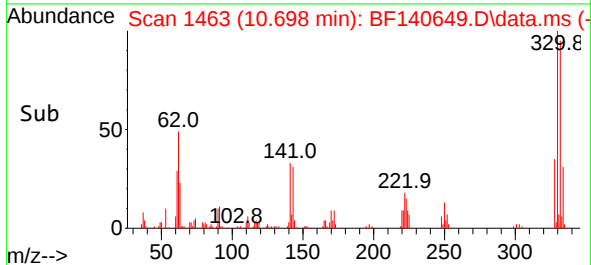
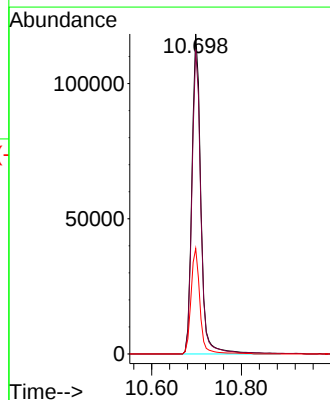
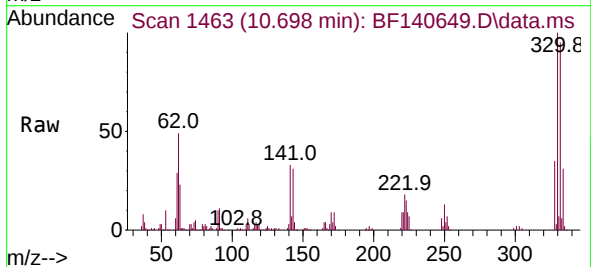
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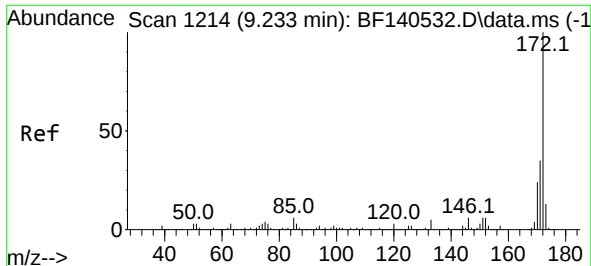
Tgt Ion:164 Resp: 116578
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 43.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 131.832 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion:330 Resp: 164370
Ion Ratio Lower Upper
330 100
332 93.9 76.9 115.3
141 32.9 26.7 40.1

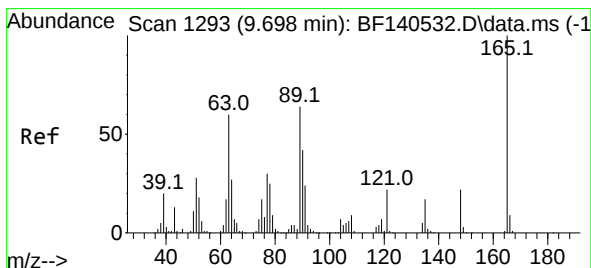
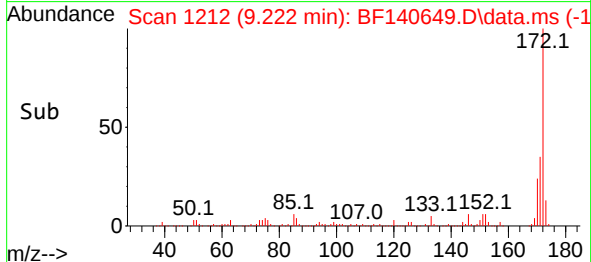
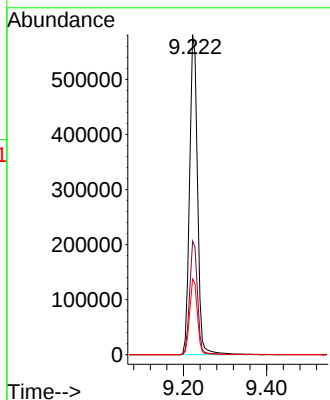
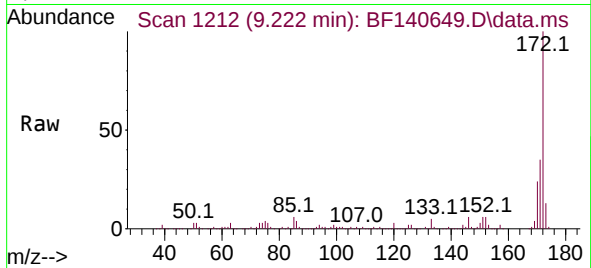




#45
2-Fluorobiphenyl
Concen: 98.107 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

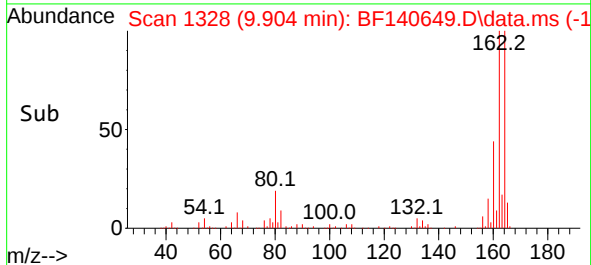
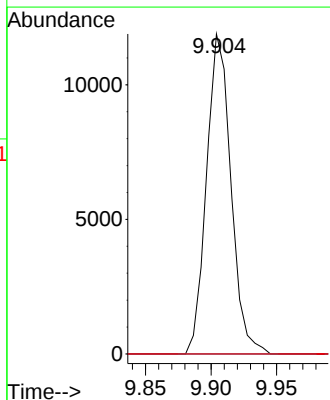
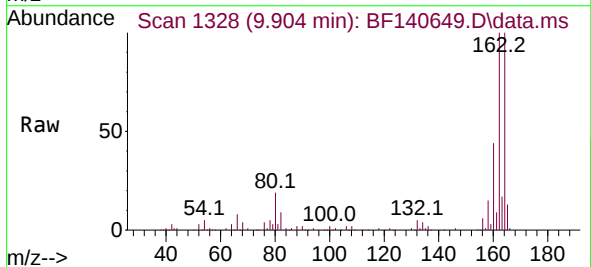
Instrument :
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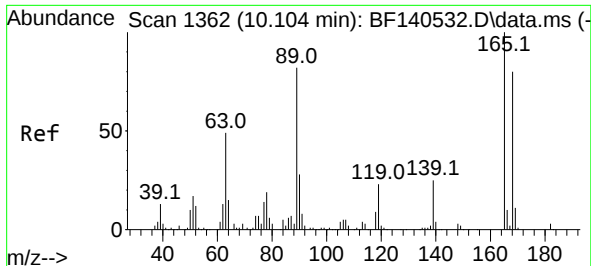
Tgt Ion:172 Resp: 767622
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.835 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion:165 Resp: 15384
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#

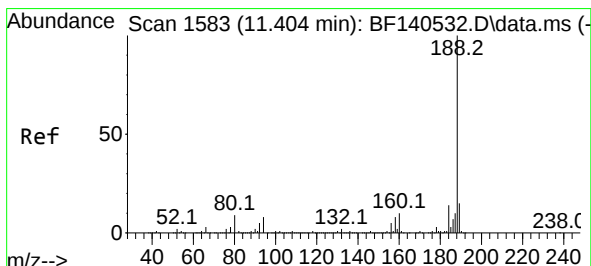
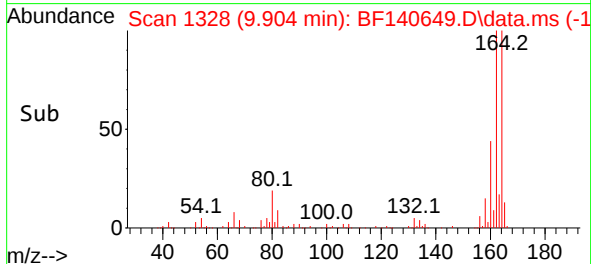
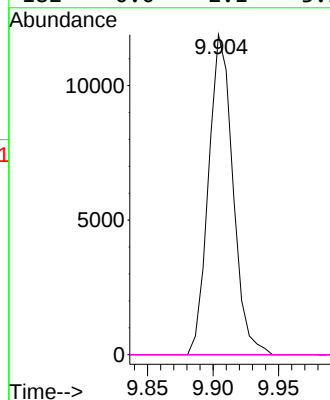
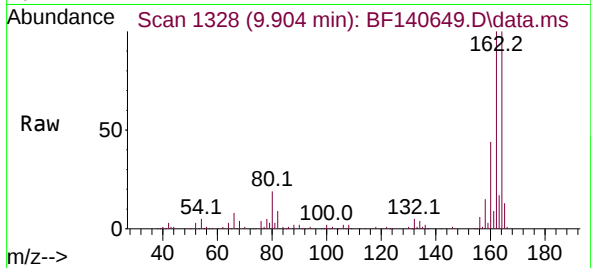




#57
2,4-Dinitrotoluene
Concen: 6.648 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

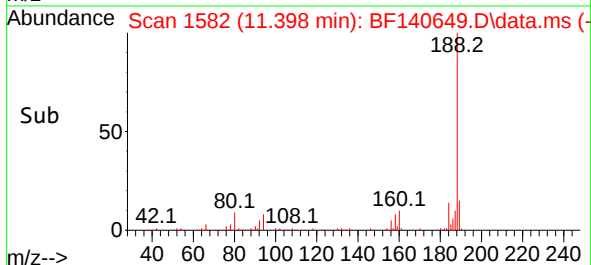
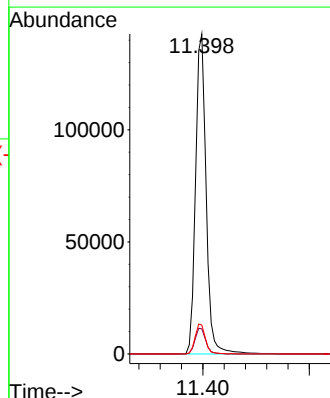
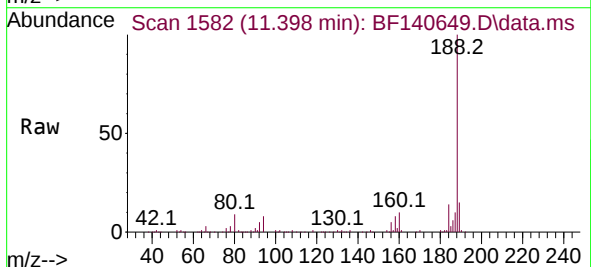
Instrument :
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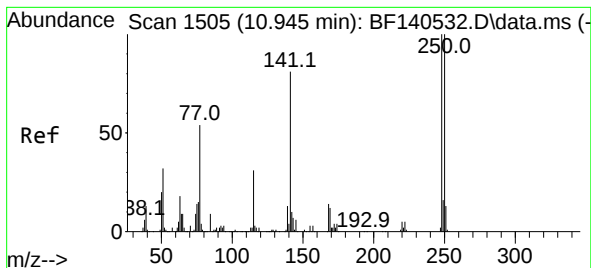
Tgt Ion:165 Resp: 15384
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion:188 Resp: 197040
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.1 6.9 10.3

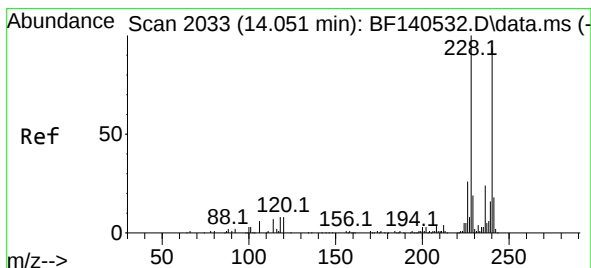
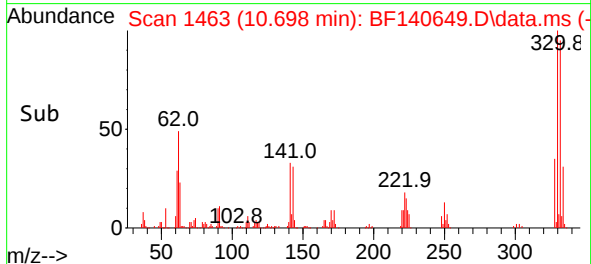
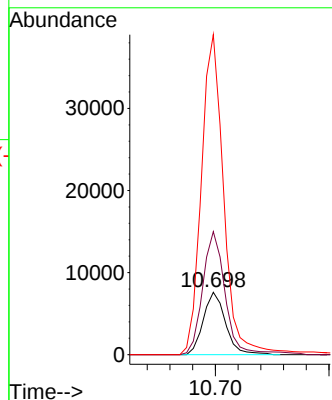
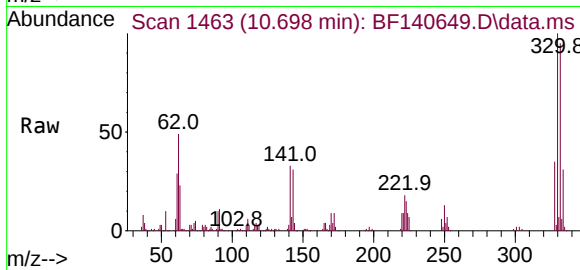




#67
4-Bromophenyl-phenylether
Concen: 5.109 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

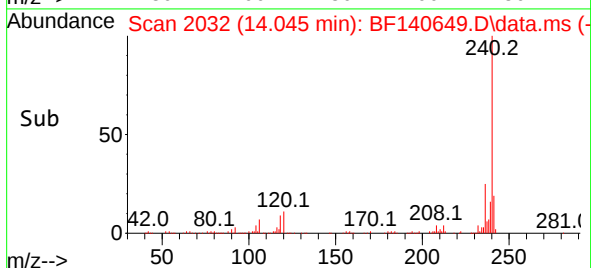
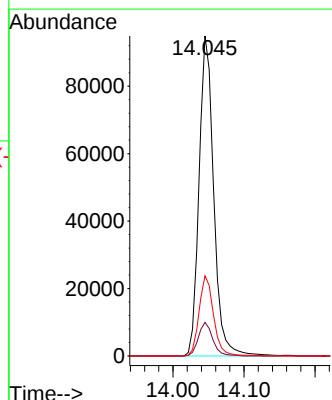
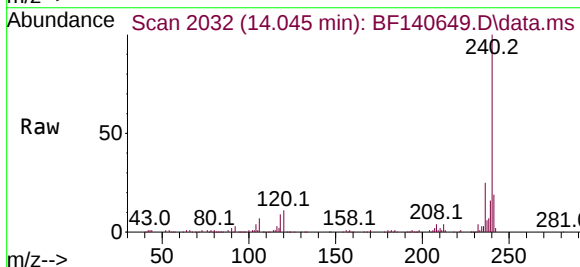
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

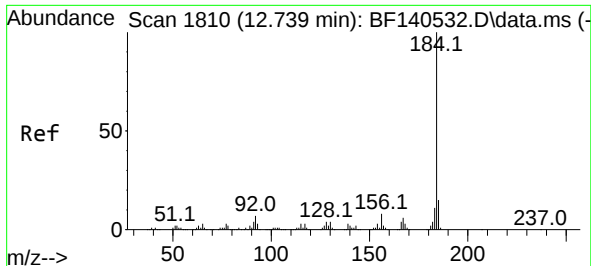
Tgt Ion:248 Resp: 10368
Ion Ratio Lower Upper
248 100
250 197.1 79.8 119.8#
141 512.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion:240 Resp: 136703
Ion Ratio Lower Upper
240 100
120 10.5 7.3 10.9
236 25.0 20.6 31.0

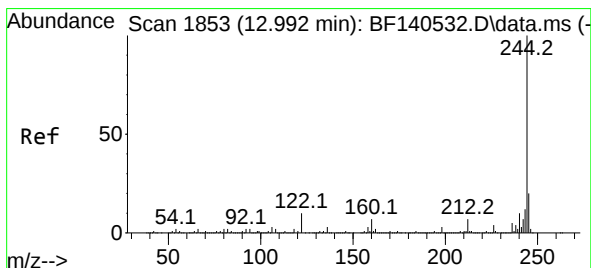
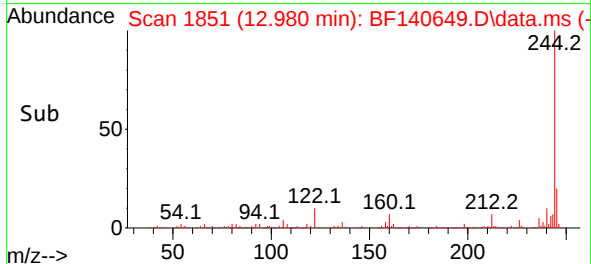
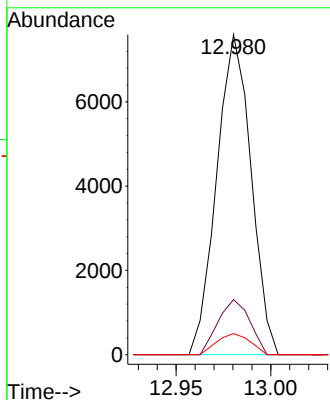
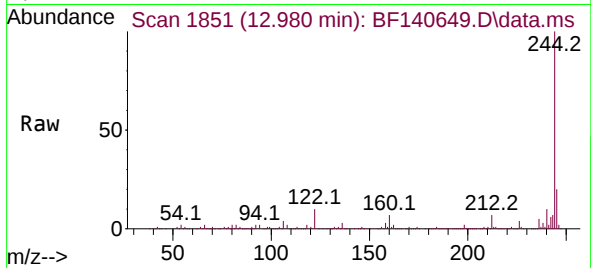




#77
Benzidine
Concen: 2.408 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

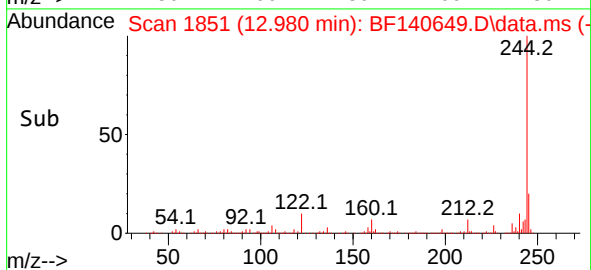
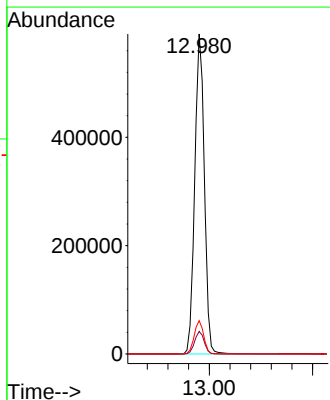
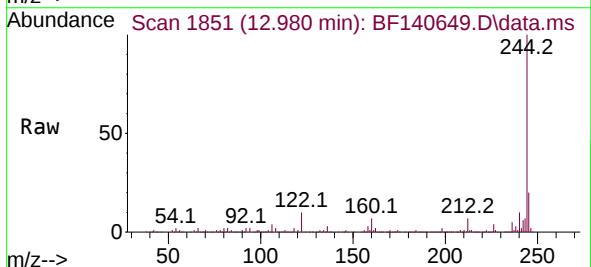
Instrument :
BNA_F
ClientSampleId :
MH-756-WC

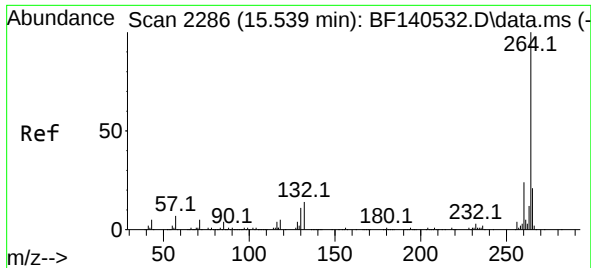
Tgt Ion:184 Resp: 9569
Ion Ratio Lower Upper
184 100
185 17.2 11.7 17.5
183 6.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 86.695 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140649.D
Acq: 26 Nov 2024 18:26

Tgt Ion:244 Resp: 761106
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.4 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140649.D
 Acq: 26 Nov 2024 18:26

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WC

Tgt Ion:264 Resp: 115889
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.6 16.6 25.0

