

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140689.D
 Acq On : 02 Dec 2024 15:29
 Operator : RC/JU
 Sample : P5021-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Dec 02 15:59:32 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)

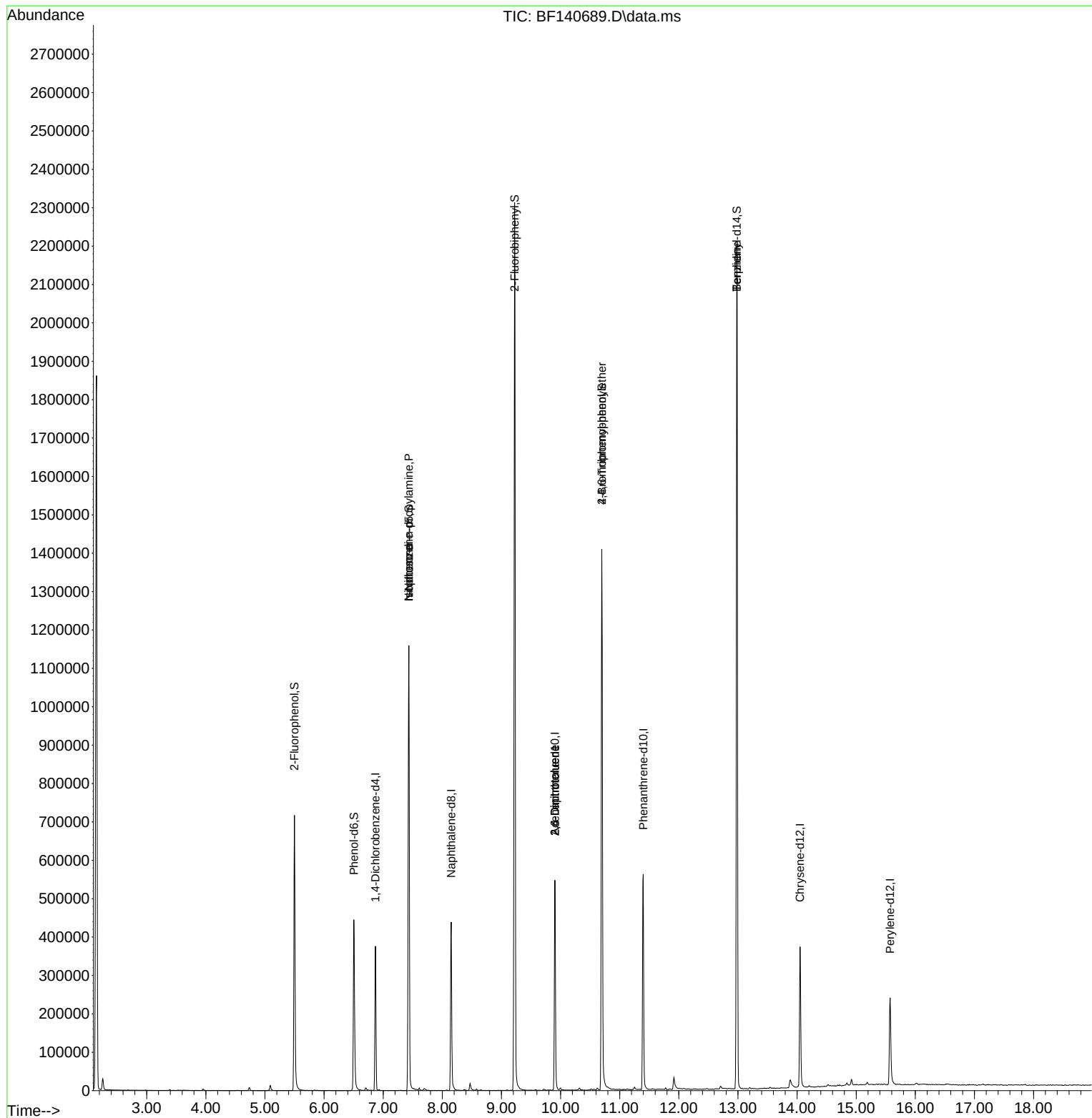
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	78955	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	302257	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	171220	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	321567	20.000	ng	0.00
76) Chrysene-d12	14.051	240	192319	20.000	ng	0.00
86) Perylene-d12	15.574	264	156519	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	289417	62.543	ng	0.00
7) Phenol-d6	6.504	99	235332	38.468	ng	-0.01
23) Nitrobenzene-d5	7.434	82	564811	95.582	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	259284	141.592	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1084317	94.356	ng	-0.01
79) Terphenyl-d14	12.980	244	1124513	91.047	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	74129	20.503	ng	# 76
25) Isophorone	7.434	82	558525	56.668	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	21864	8.549	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21864	6.433	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	16597	5.012	ng	# 1
77) Benzidine	12.980	184	15229	2.724	ng	# 88

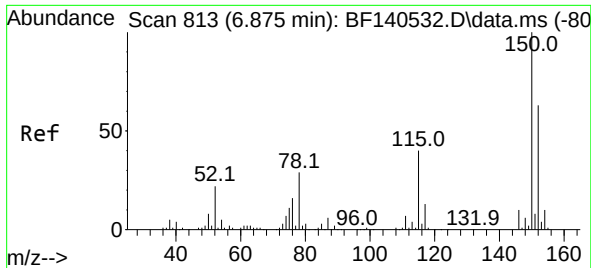
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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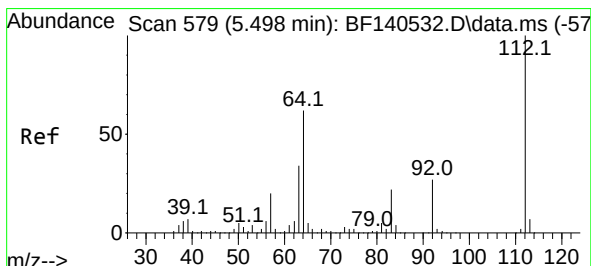
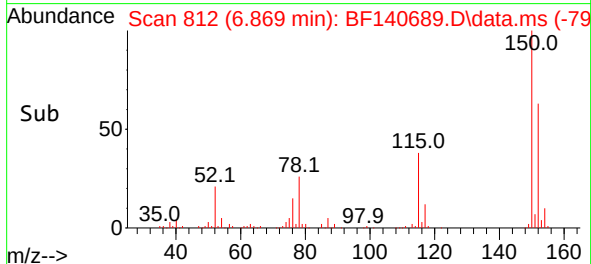
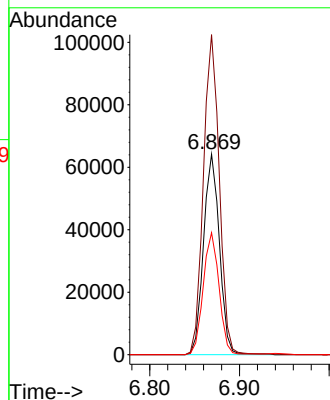
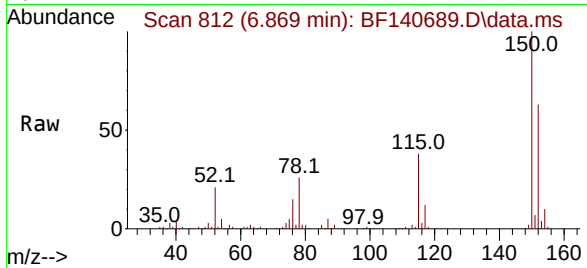




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

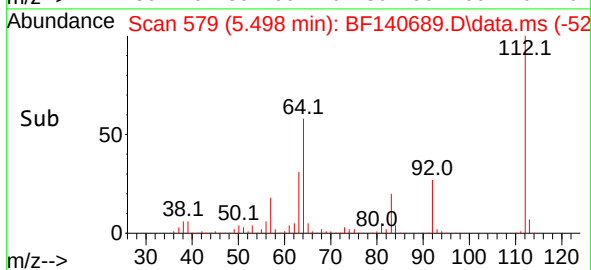
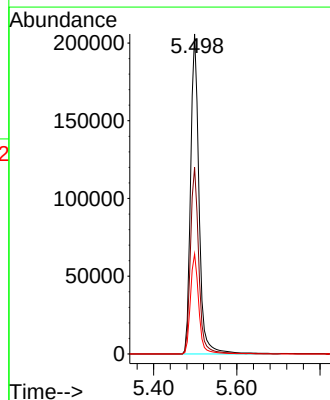
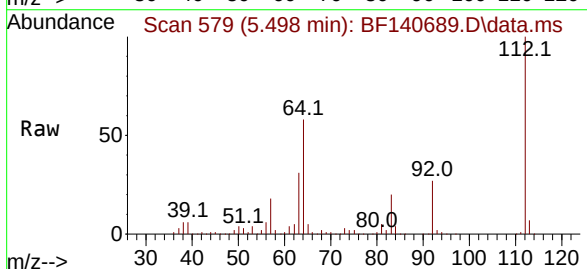
Instrument :
BNA_F
ClientSampleId :
MW-11

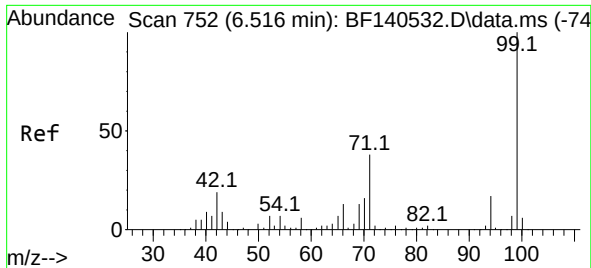
Tgt Ion:152 Resp: 78955
Ion Ratio Lower Upper
152 100
150 159.6 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 62.543 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

Tgt Ion:112 Resp: 289417
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 31.3 27.0 40.4

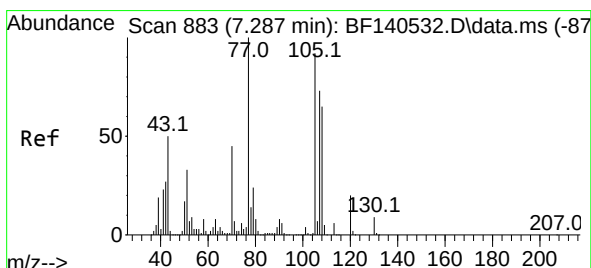
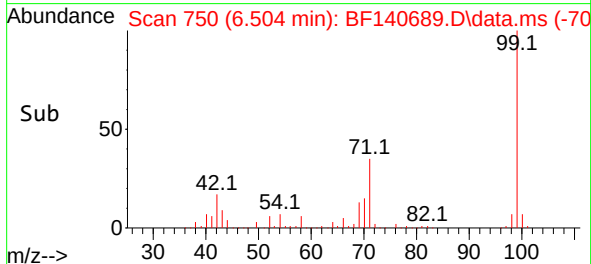
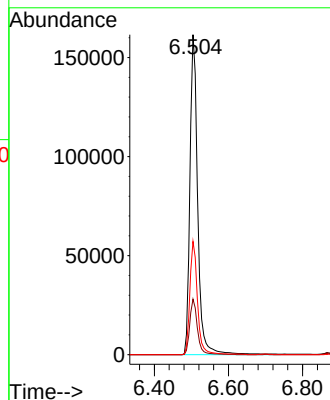
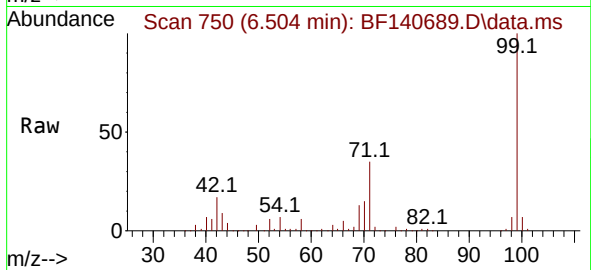




#7
Phenol-d6
Concen: 38.468 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

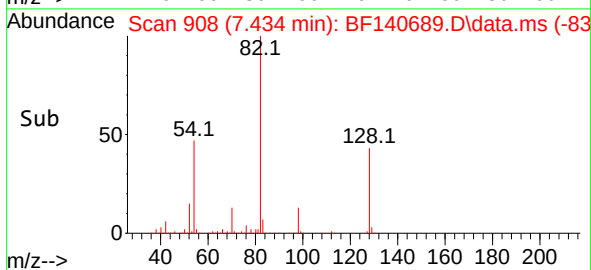
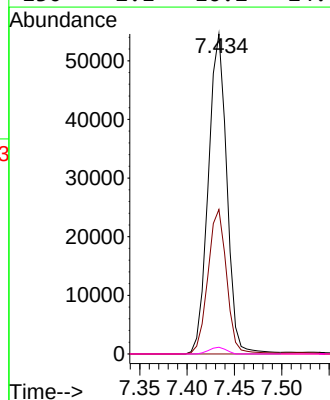
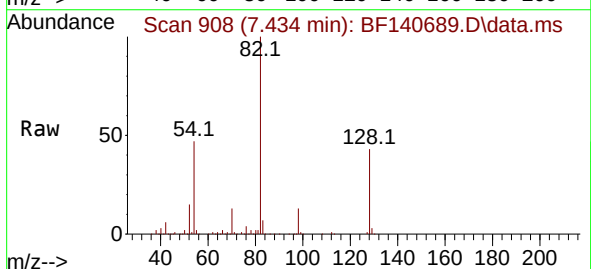
Instrument :
BNA_F
ClientSampleId :
MW-11

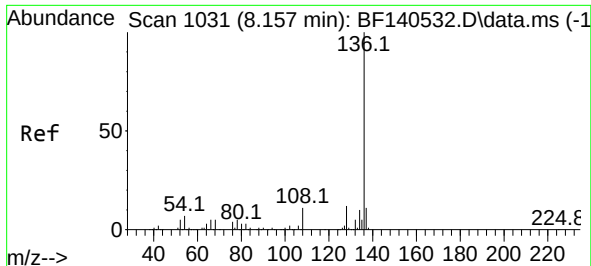
Tgt Ion: 99 Resp: 235332
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.0
71 35.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.503 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

Tgt Ion: 70 Resp: 74129
Ion Ratio Lower Upper
70 100
42 45.2 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 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: BF140689.D
Acq: 02 Dec 2024 15:29

Instrument :

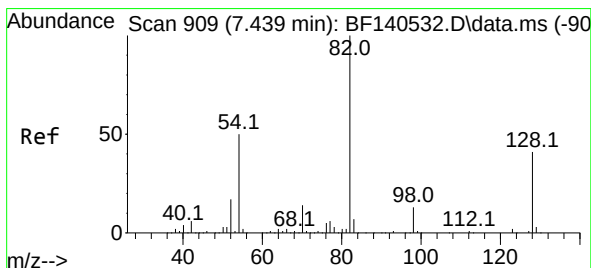
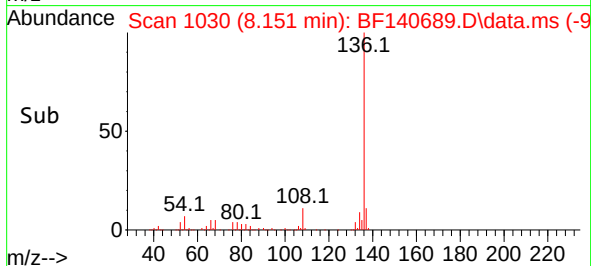
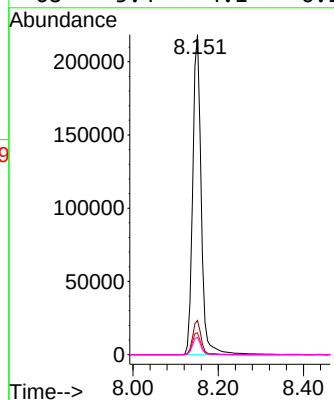
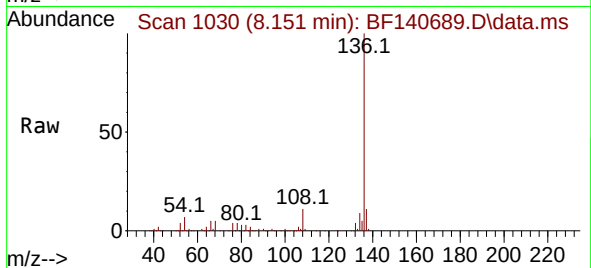
BNA_F

ClientSampleId :

MW-11

Tgt Ion:136 Resp: 302257

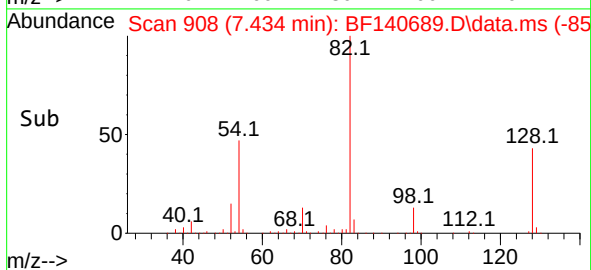
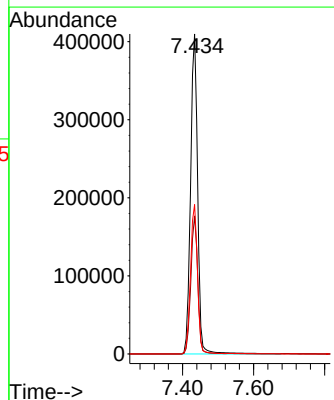
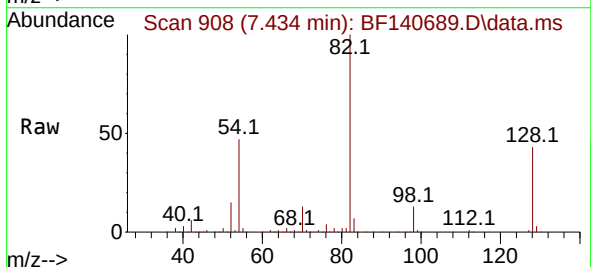
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.9	5.8	8.8
68	5.4	4.1	6.1

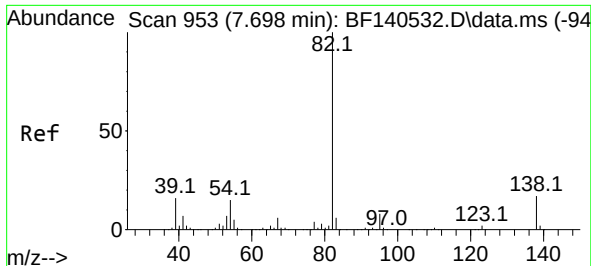


#23
Nitrobenzene-d5
Concen: 95.582 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

Tgt Ion: 82 Resp: 564811

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.0	49.4
54	46.7	39.5	59.3

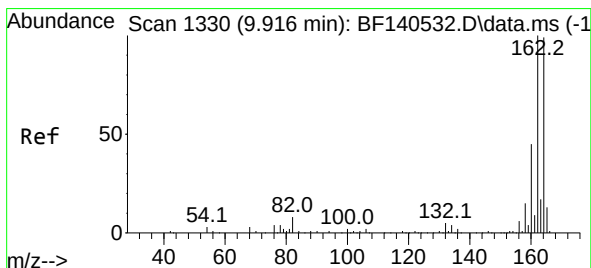
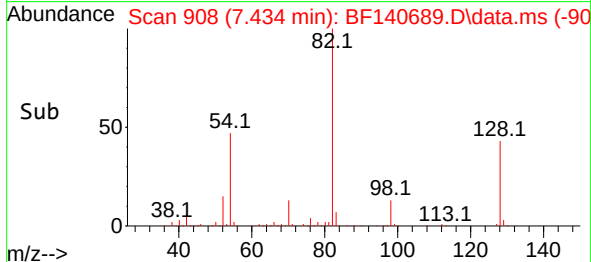
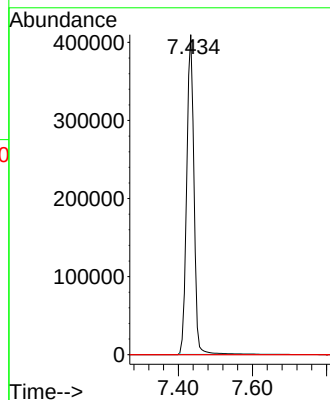
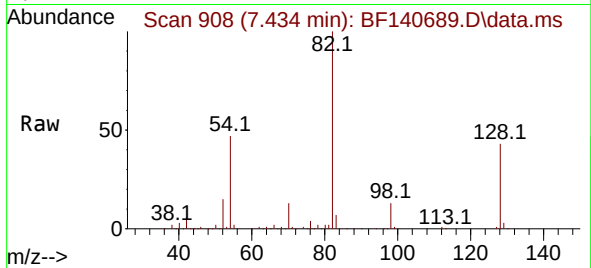




#25
Isophorone
Concen: 56.668 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

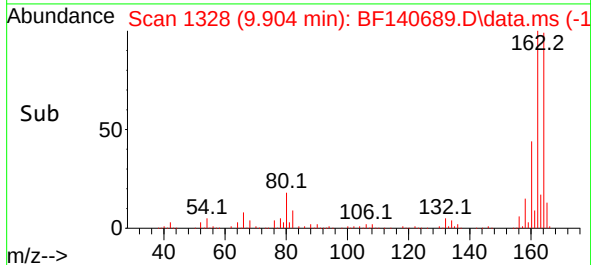
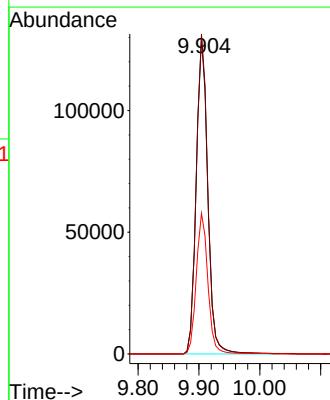
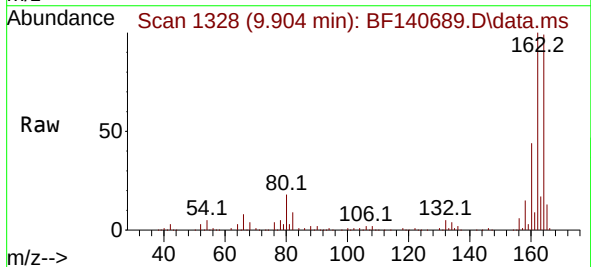
Instrument :
BNA_F
ClientSampleId :
MW-11

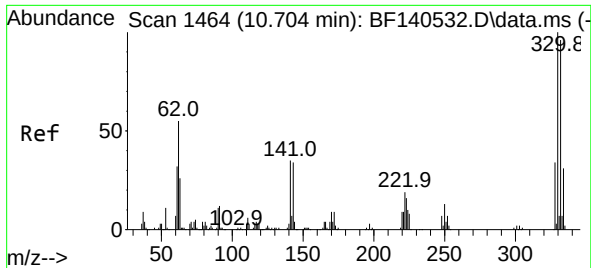
Tgt Ion: 82 Resp: 558525
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

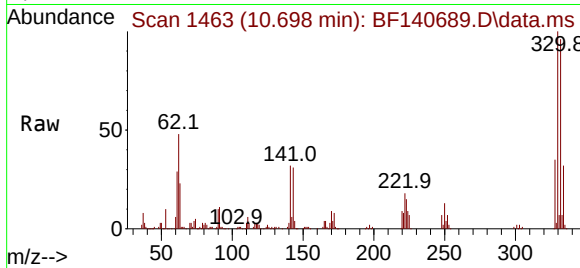
Tgt Ion: 164 Resp: 171220
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.5 36.2 54.4



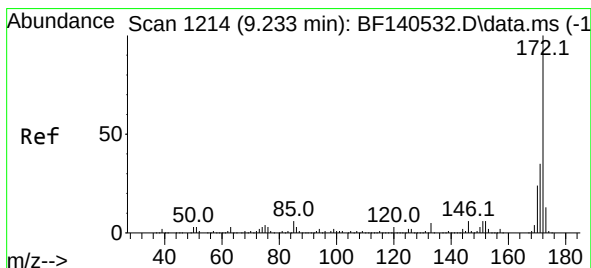
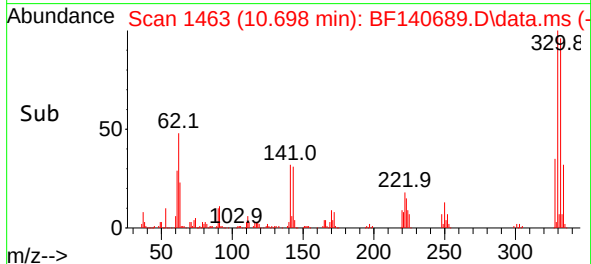
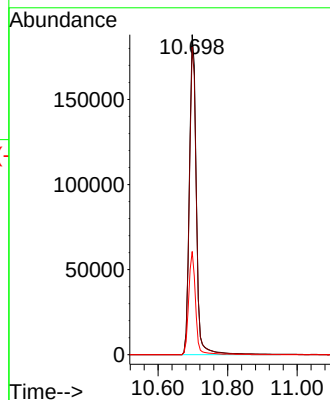


#42
2,4,6-Tribromophenol
Concen: 141.592 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

Instrument :
BNA_F
ClientSampleId :
MW-11

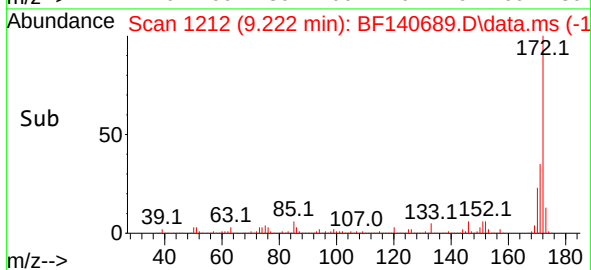
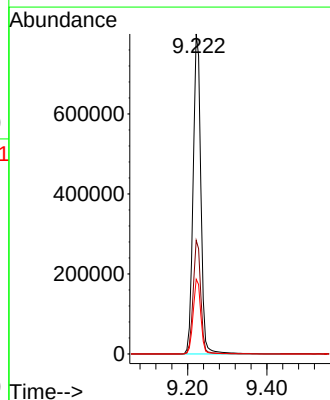
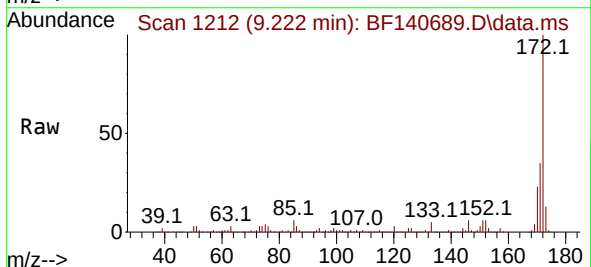


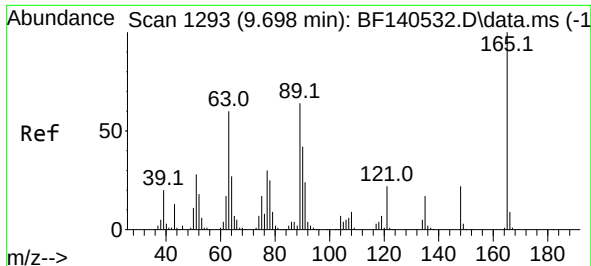
Tgt Ion:330 Resp: 259284
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 32.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 94.356 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

Tgt Ion:172 Resp: 1084317
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.0 28.6

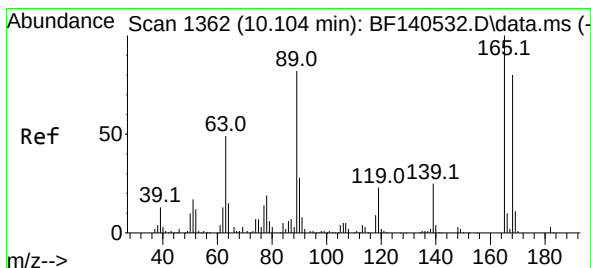
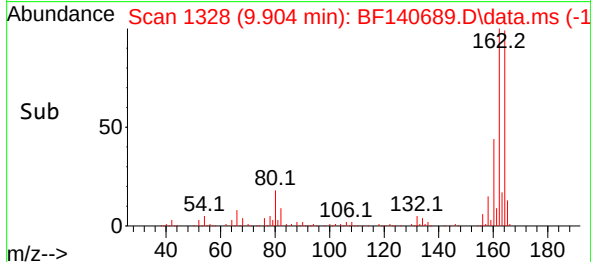
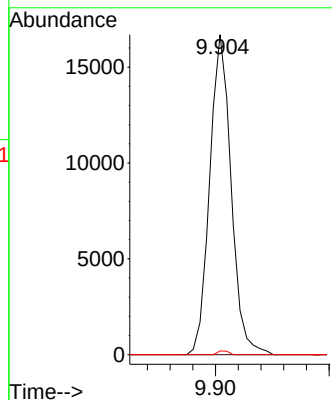
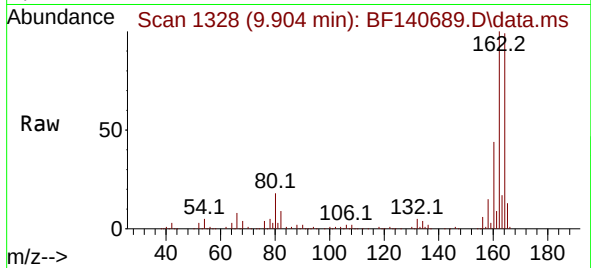




#51
2,6-Dinitrotoluene
Concen: 8.549 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

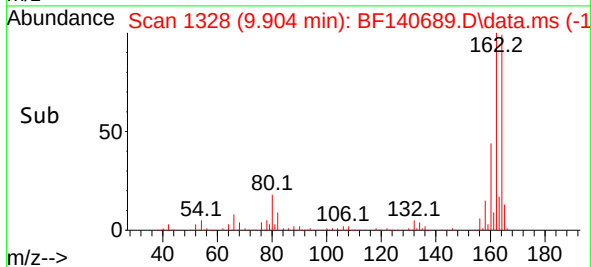
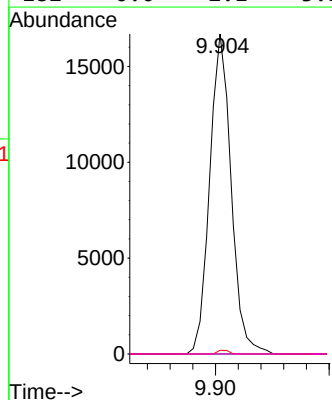
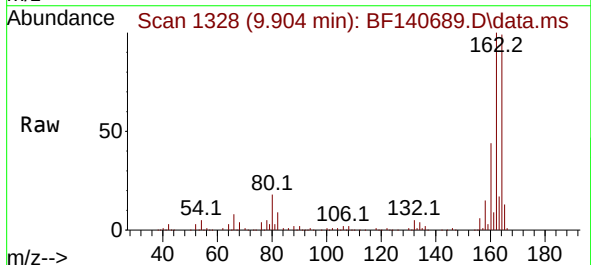
Instrument :
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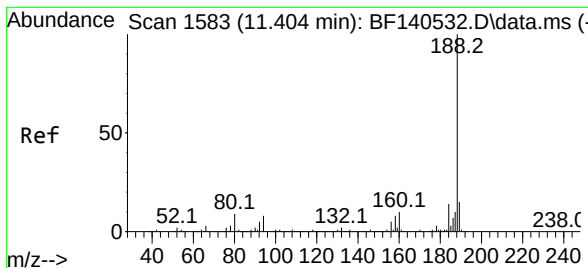
Tgt Ion:165 Resp: 21864
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.1 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.433 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140689.D
Acq: 02 Dec 2024 15:29

Tgt Ion:165 Resp: 21864
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.1 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140689.D

Acq: 02 Dec 2024 15:29

Instrument :

BNA_F

ClientSampleId :

MW-11

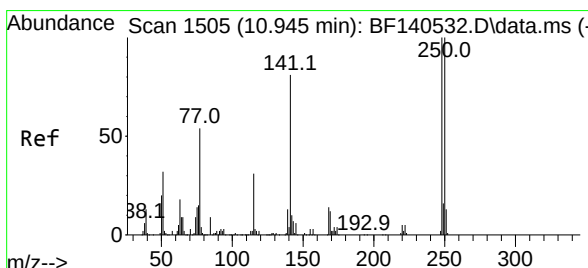
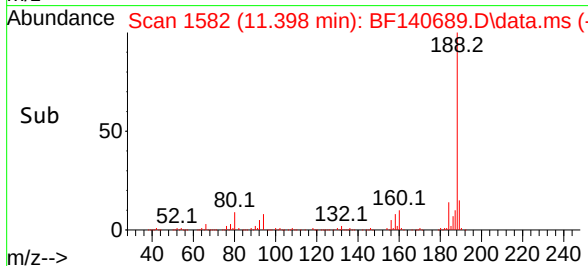
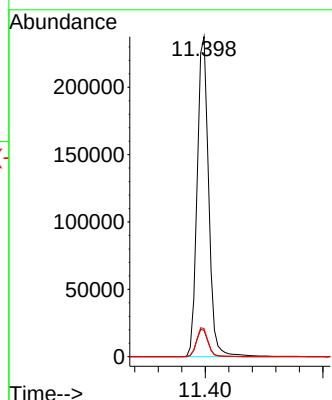
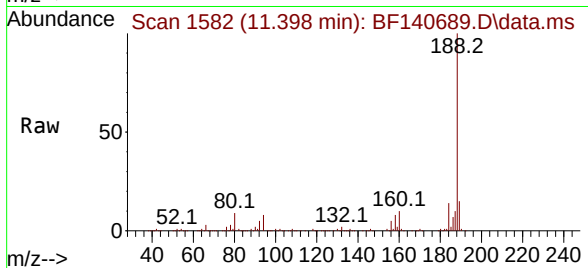
Tgt Ion:188 Resp: 321567

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: 5.012 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140689.D

Acq: 02 Dec 2024 15:29

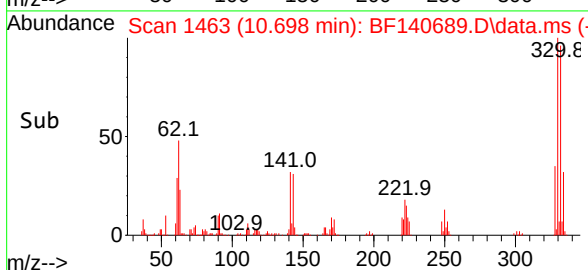
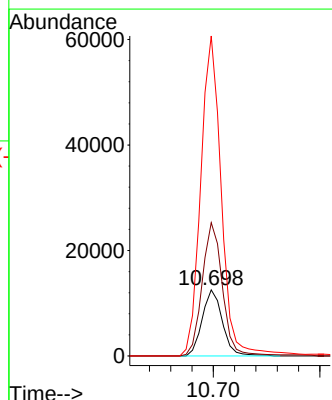
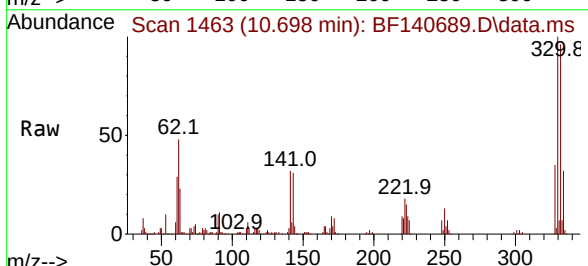
Tgt Ion:248 Resp: 16597

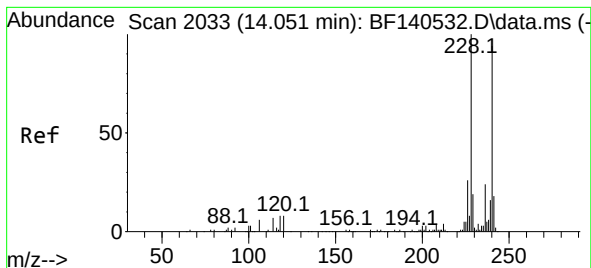
Ion Ratio Lower Upper

248 100

250 201.6 79.8 119.8#

141 484.1 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140689.D

Acq: 02 Dec 2024 15:29

Instrument :

BNA_F

ClientSampleId :

MW-11

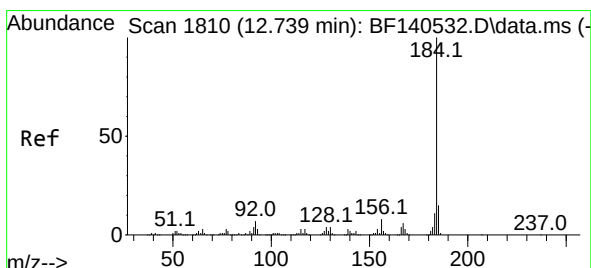
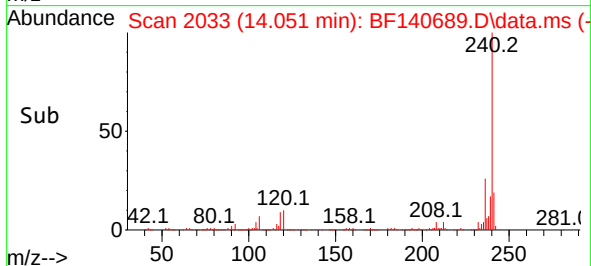
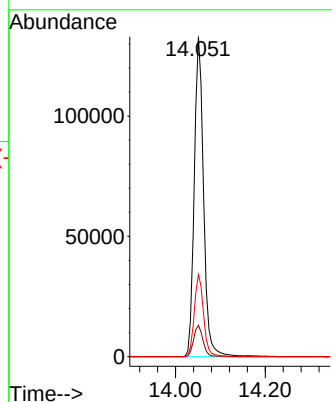
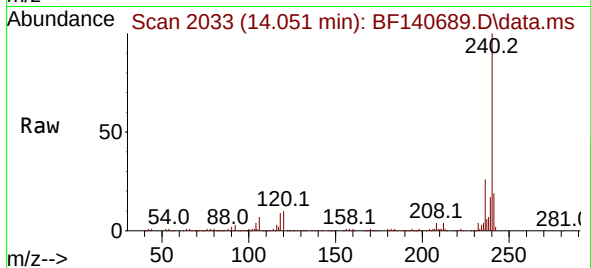
Tgt Ion:240 Resp: 192319

Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 25.7 20.6 31.0



#77

Benzidine

Concen: 2.724 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.241 min

Lab File: BF140689.D

Acq: 02 Dec 2024 15:29

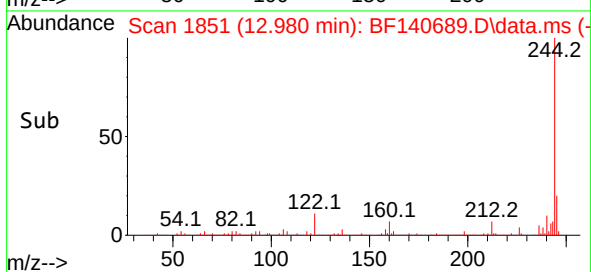
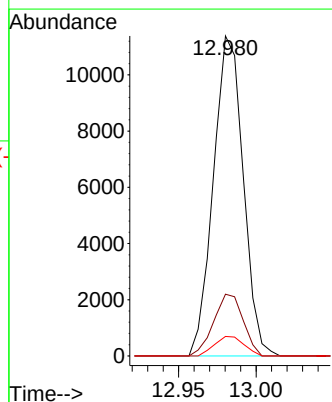
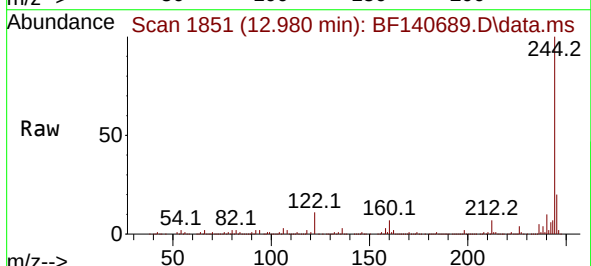
Tgt Ion:184 Resp: 15229

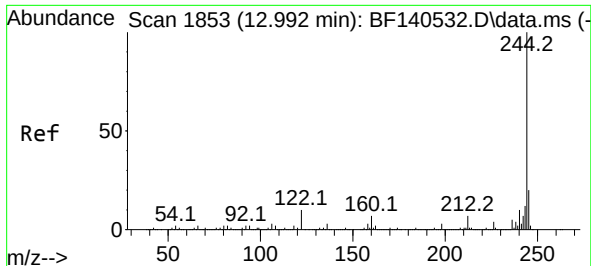
Ion Ratio Lower Upper

184 100

185 19.3 11.7 17.5#

183 6.1 8.8 13.2#

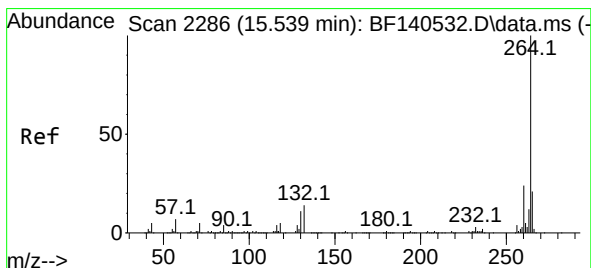
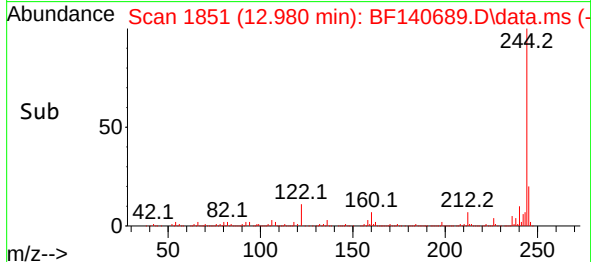
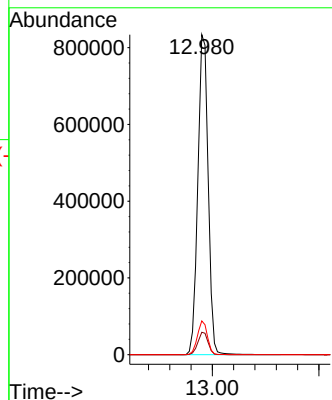
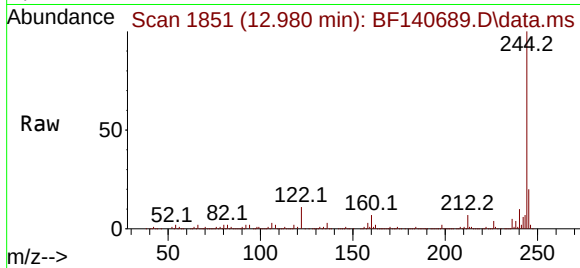




#79
 Terphenyl-d14
 Concen: 91.047 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140689.D
 Acq: 02 Dec 2024 15:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:244 Resp: 1124513
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.035 min
 Lab File: BF140689.D
 Acq: 02 Dec 2024 15:29

Tgt Ion:264 Resp: 156519
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.3 16.6 25.0

