

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140830.D
 Acq On : 11 Dec 2024 15:42
 Operator : RC/JU
 Sample : P5216-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-744

Quant Time: Dec 11 17:11:50 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)

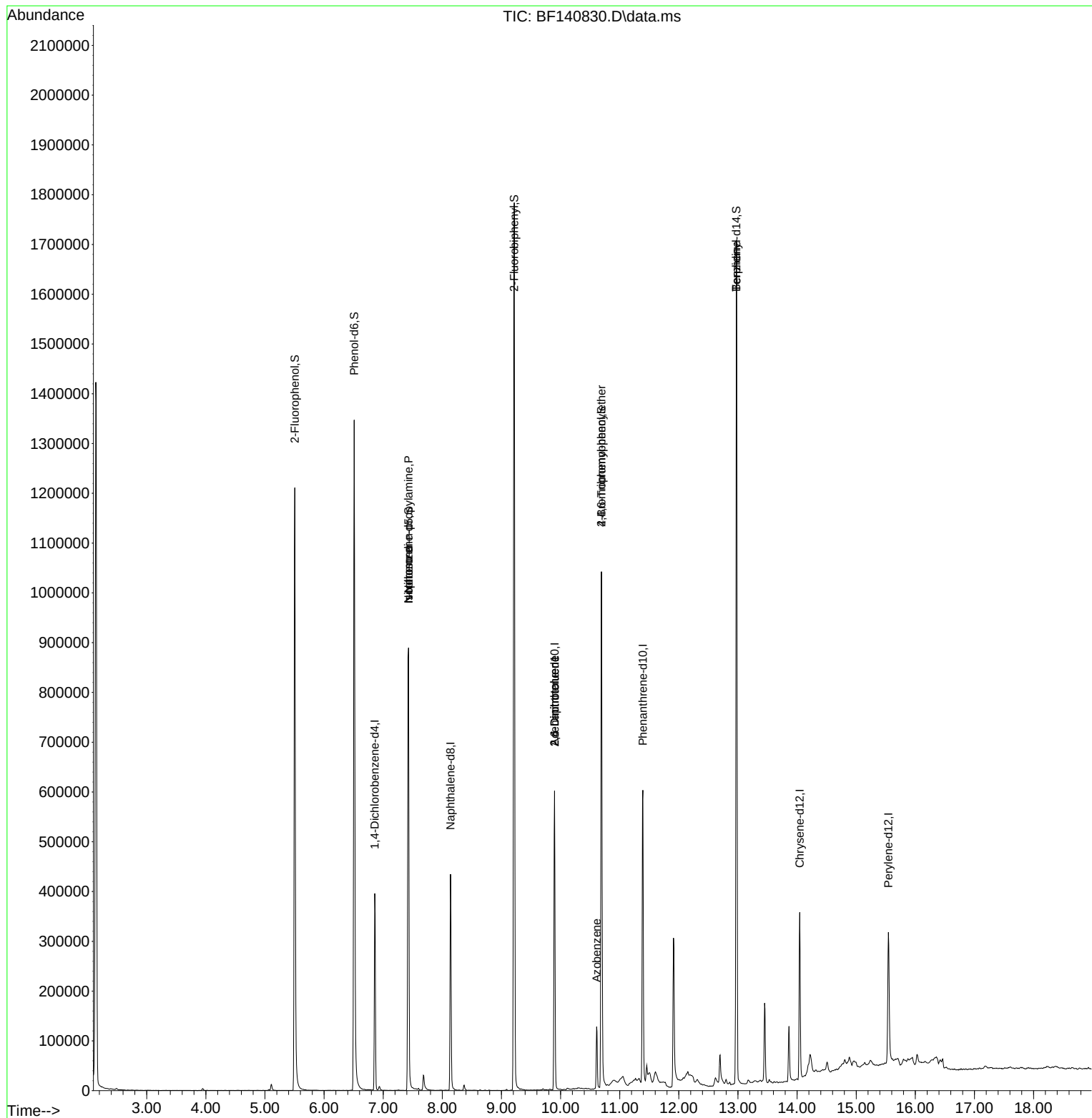
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	86511	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	285272	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	185673	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	346523	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	167870	20.000	ng	0.00
86) Perylene-d12	15.545	264	176101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	491340	96.904	ng	0.00
7) Phenol-d6	6.510	99	672371	100.307	ng	0.00
23) Nitrobenzene-d5	7.428	82	436934	78.344	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	191413	96.392	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	811393	65.111	ng	-0.02
79) Terphenyl-d14	12.974	244	823686	76.404	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	57793	14.589	ng	# 77
25) Isophorone	7.428	82	436931	46.971	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	23684	8.540	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	23684	6.426	ng	# 18
63) Azobenzene	10.610	77	33116	2.815	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	11565	3.241	ng	# 1
77) Benzidine	12.974	184	11682	2.393	ng	# 89

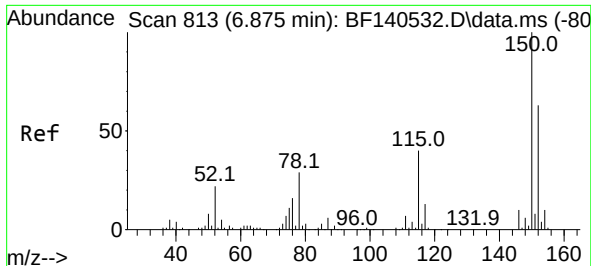
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140830.D
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MH-744

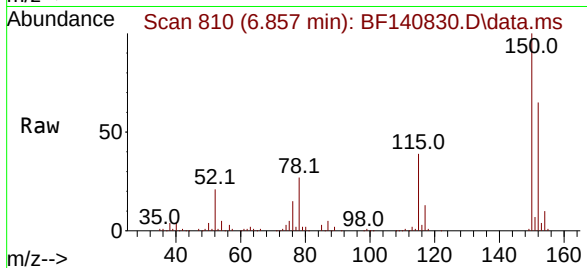
Quant Time: Dec 11 17:11:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



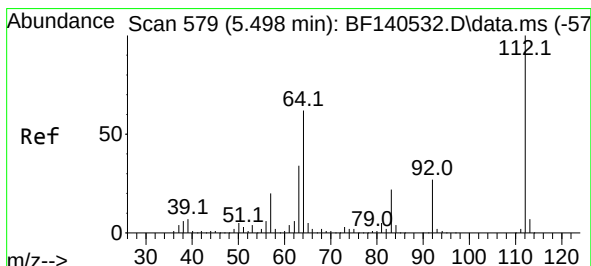
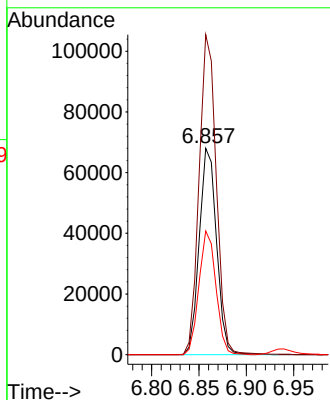
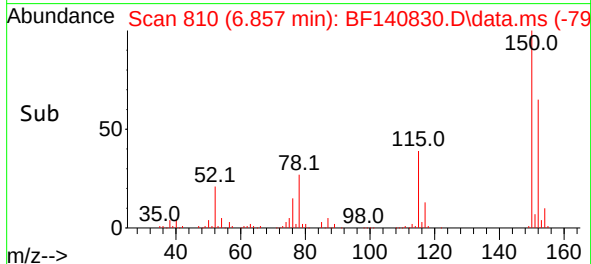


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Instrument :
BNA_F
ClientSampleId :
MH-744

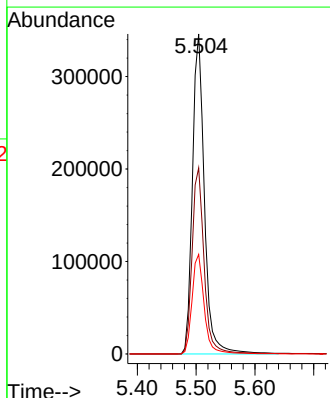
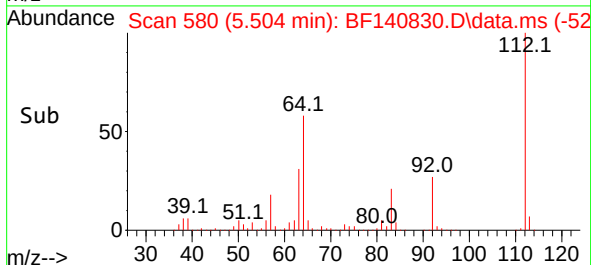
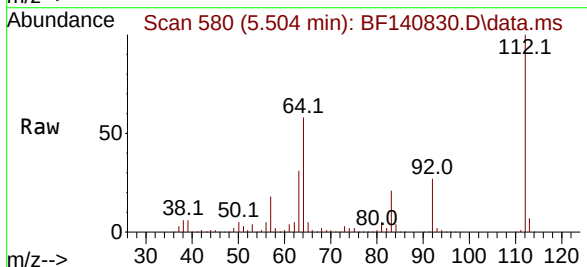


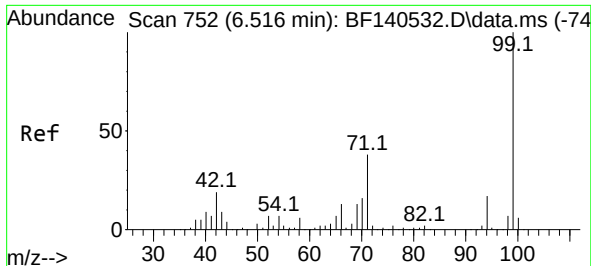
Tgt Ion:152 Resp: 86511
Ion Ratio Lower Upper
152 100
150 155.0 128.5 192.7
115 59.9 50.2 75.4



#5
2-Fluorophenol
Concen: 96.904 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Tgt Ion:112 Resp: 491340
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 31.1 27.0 40.4





#7

Phenol-d6

Concen: 100.307 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

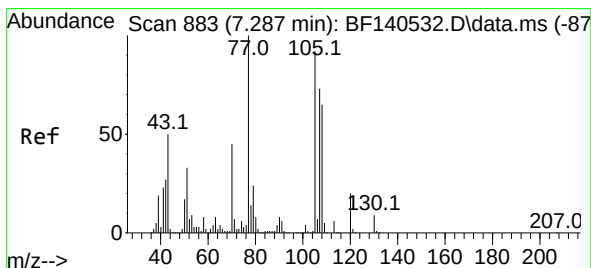
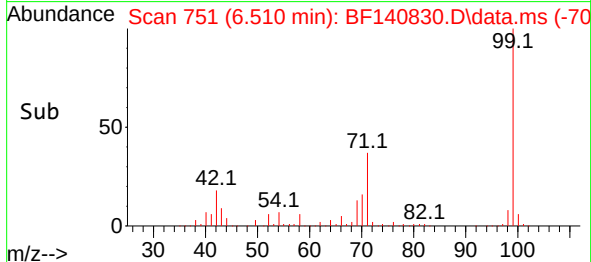
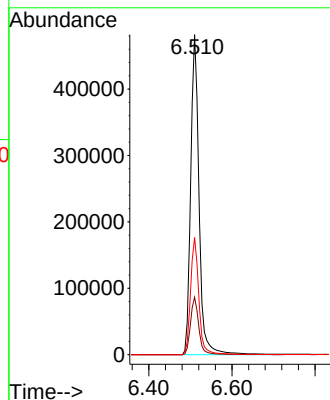
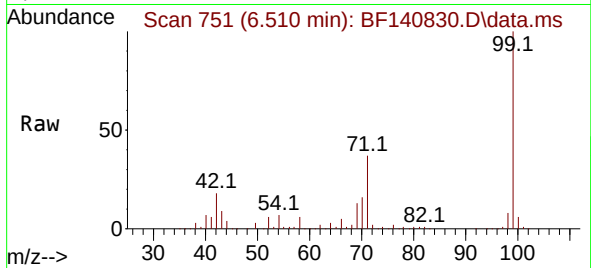
Tgt Ion: 99 Resp: 672371

Ion Ratio Lower Upper

99 100

42 17.9 15.4 23.0

71 36.6 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.589 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.141 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Tgt Ion: 70 Resp: 57793

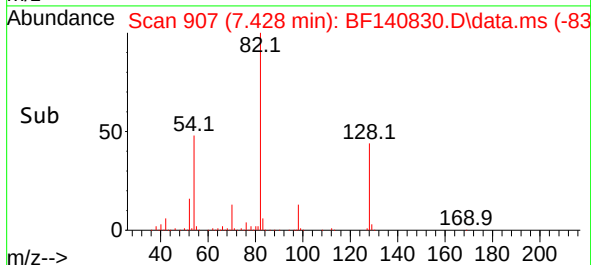
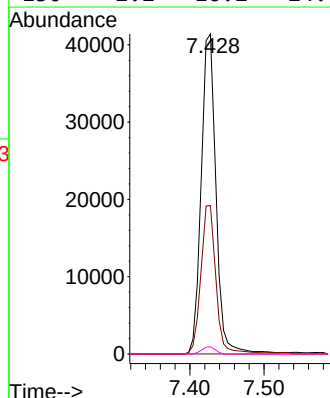
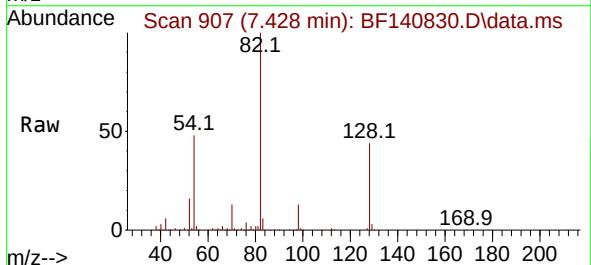
Ion Ratio Lower Upper

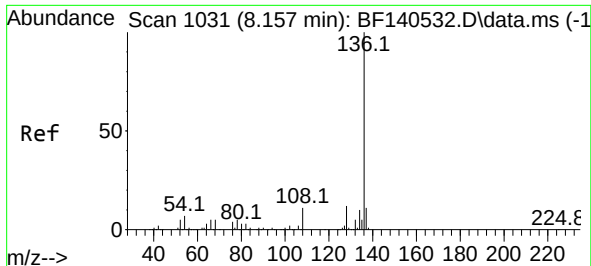
70 100

42 46.3 47.6 71.4#

101 0.0 7.6 11.4#

130 2.2 16.2 24.4#



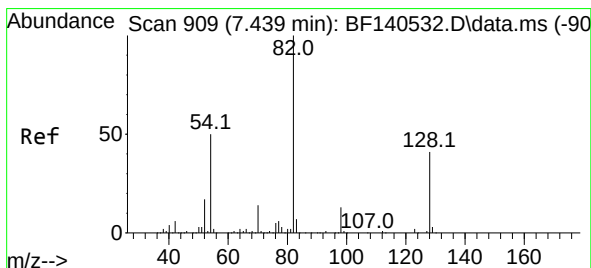
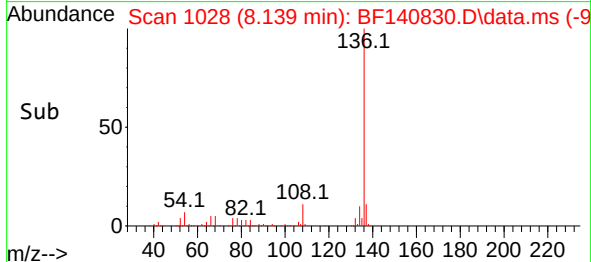
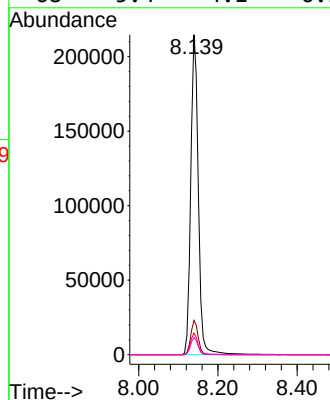
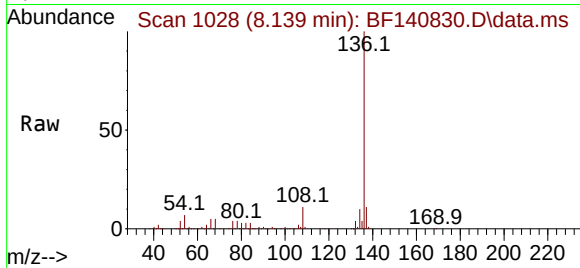


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Instrument :
BNA_F
ClientSampleId :
MH-744

Tgt Ion:136 Resp: 285272

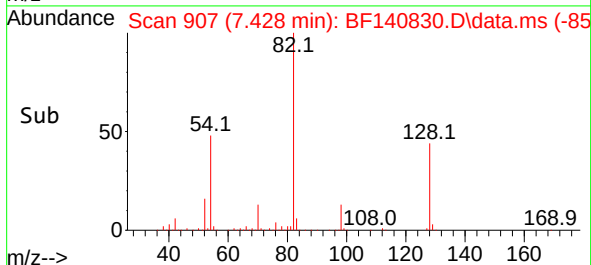
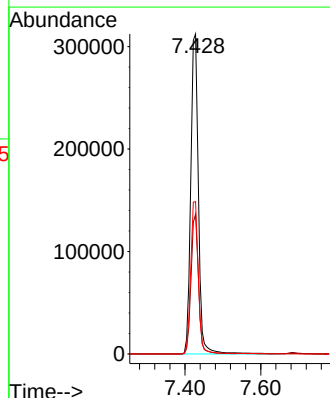
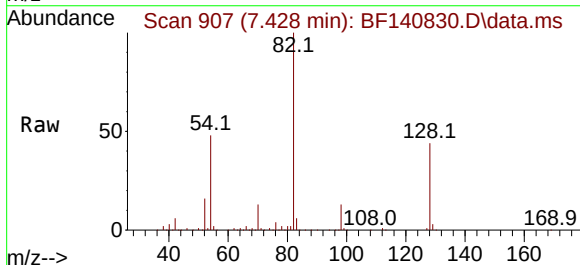
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	5.8	8.8
68	5.4	4.1	6.1

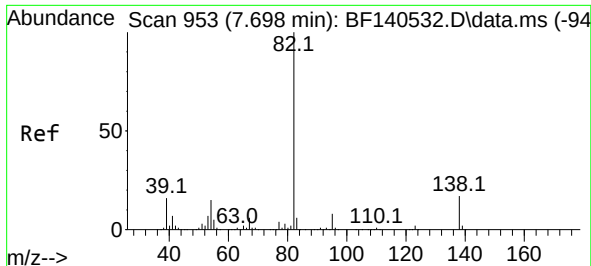


#23
Nitrobenzene-d5
Concen: 78.344 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Tgt Ion: 82 Resp: 436934

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.0	49.4
54	47.6	39.5	59.3

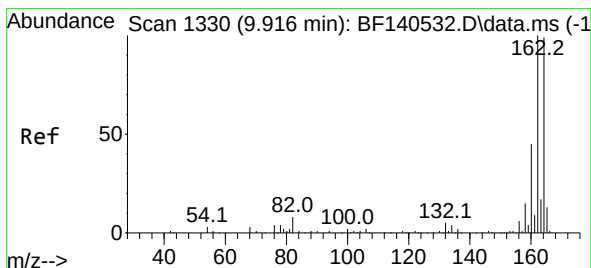
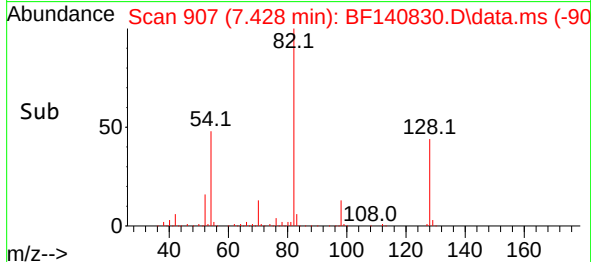
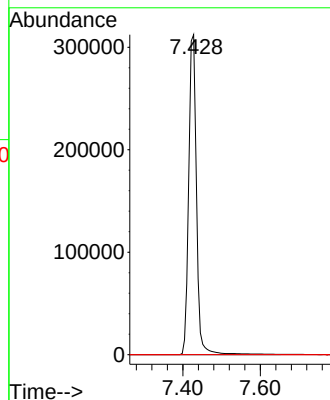
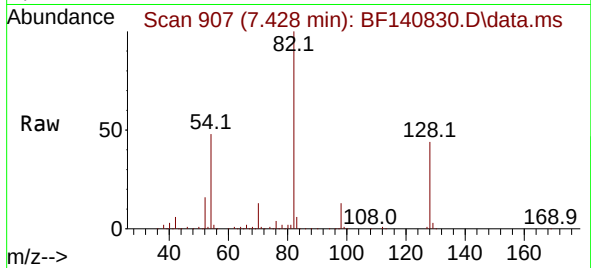




#25
Isophorone
Concen: 46.971 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

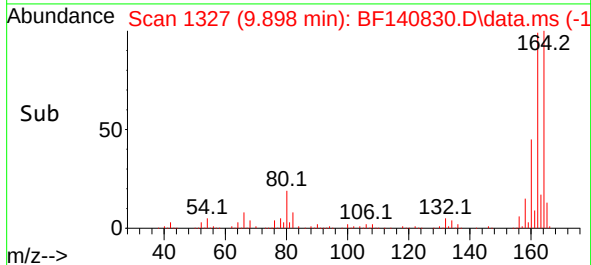
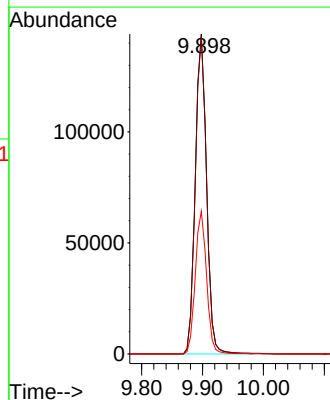
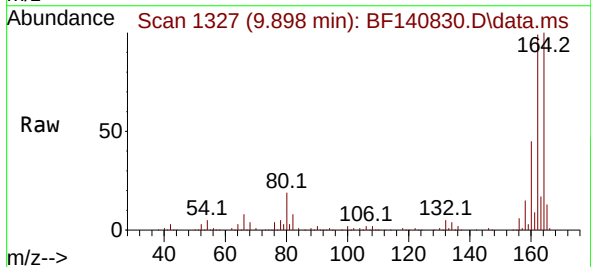
Instrument :
BNA_F
ClientSampleId :
MH-744

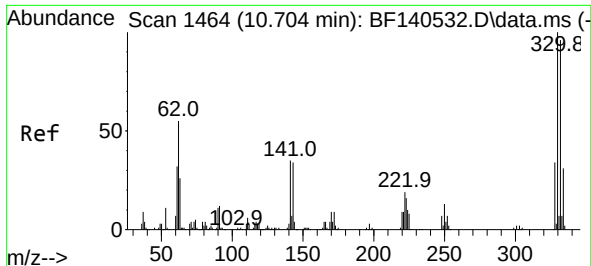
Tgt Ion: 82 Resp: 436931
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Tgt Ion:164 Resp: 185673
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 96.392 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

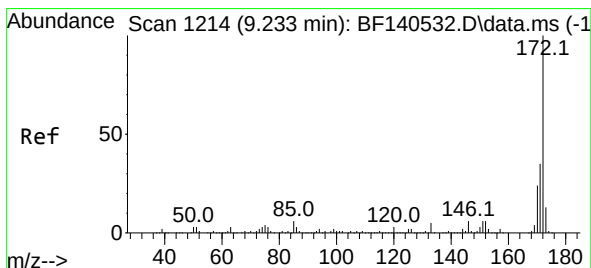
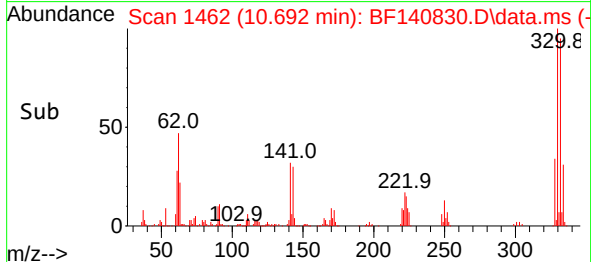
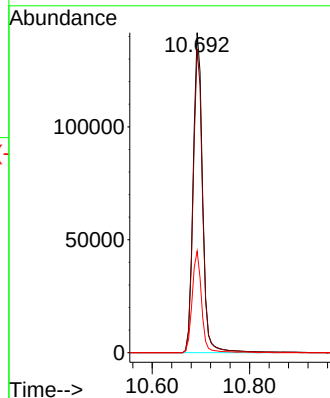
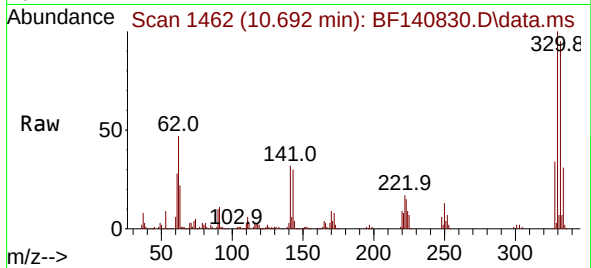
Tgt Ion:330 Resp: 191413

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

141 31.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 65.111 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

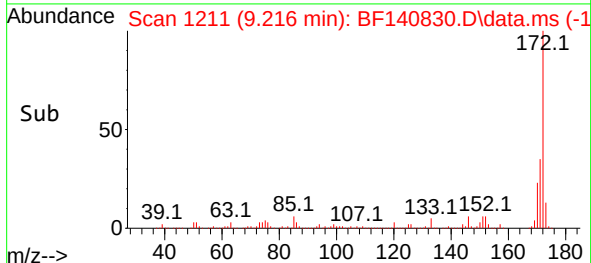
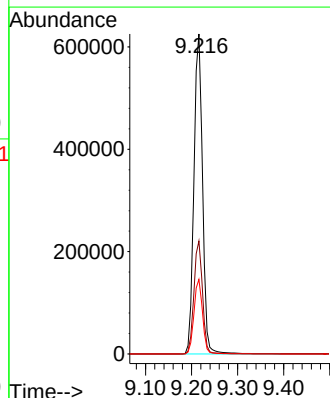
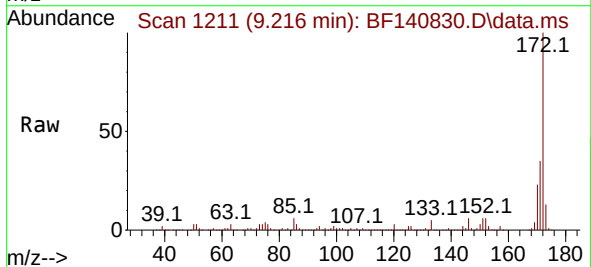
Tgt Ion:172 Resp: 811393

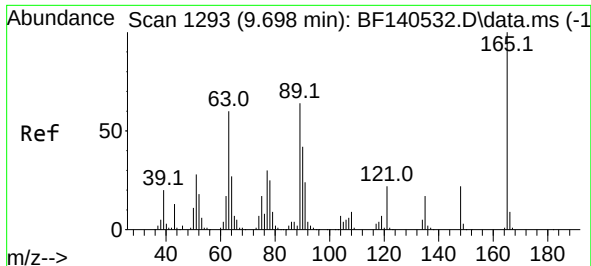
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.540 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

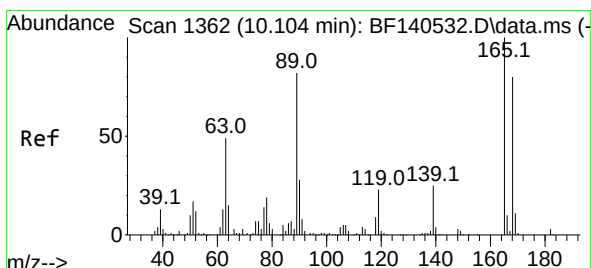
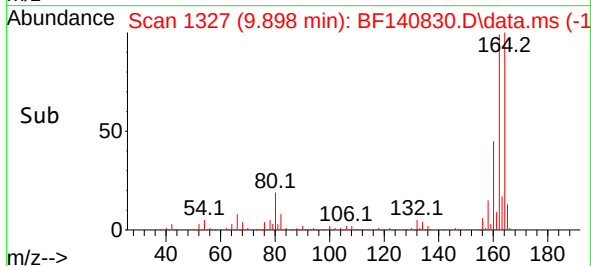
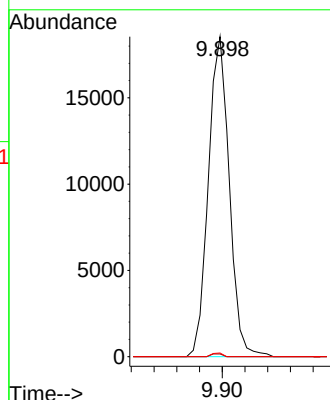
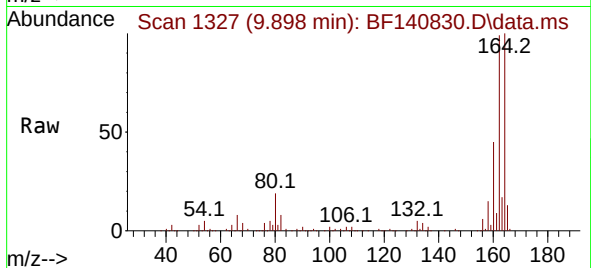
Tgt Ion:165 Resp: 23684

Ion Ratio Lower Upper

165 100

63 0.8 49.9 74.9#

89 1.1 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.426 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.206 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Tgt Ion:165 Resp: 23684

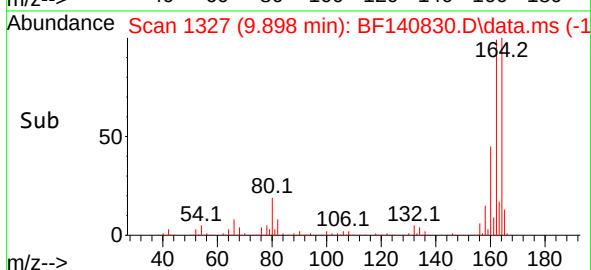
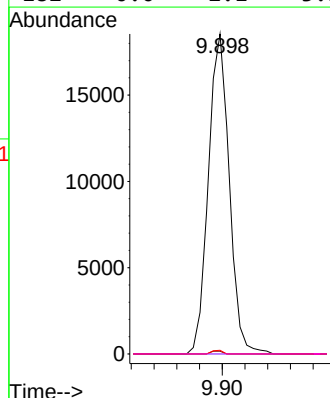
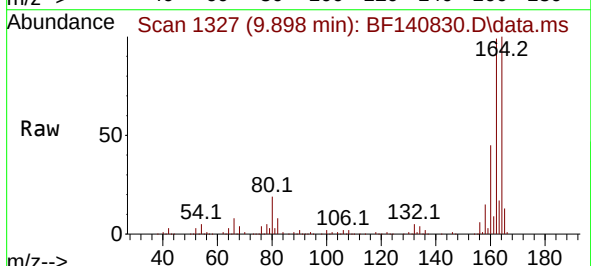
Ion Ratio Lower Upper

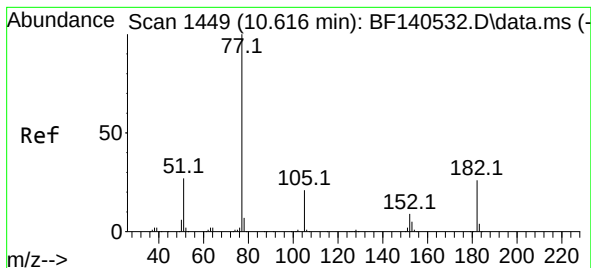
165 100

63 0.8 41.7 62.5#

89 1.1 65.8 98.8#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.815 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

Instrument :

BNA_F

ClientSampleId :

MH-744

Tgt Ion: 77 Resp: 33116

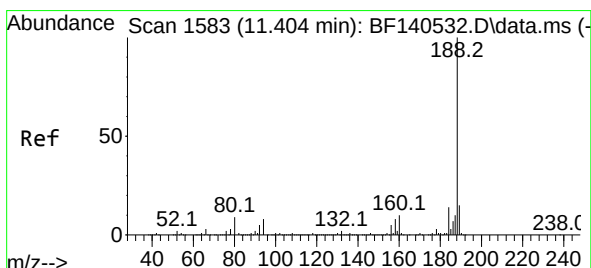
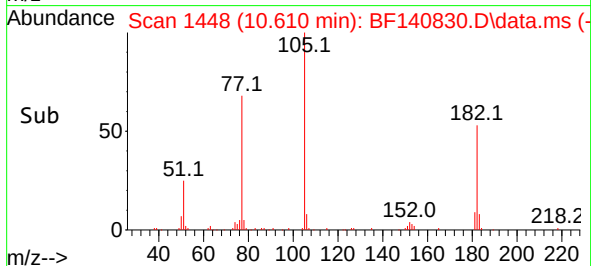
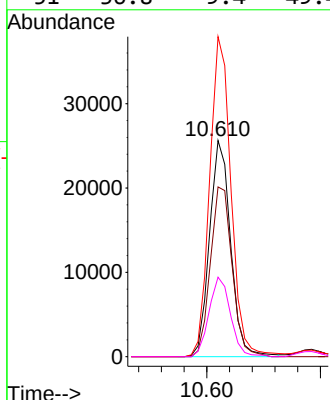
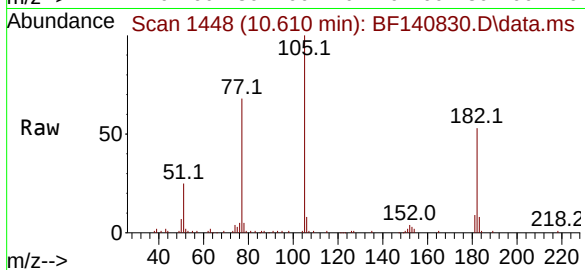
Ion Ratio Lower Upper

77 100

182 78.6 5.3 45.3#

105 148.1 0.3 40.3#

51 36.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140830.D

Acq: 11 Dec 2024 15:42

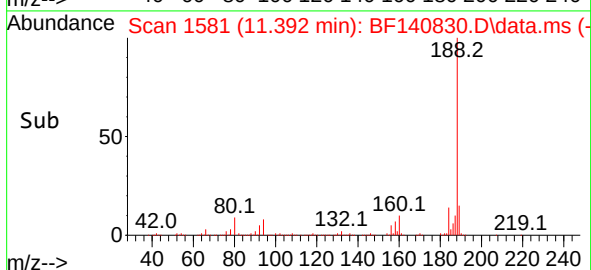
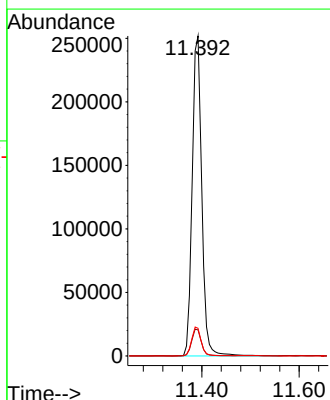
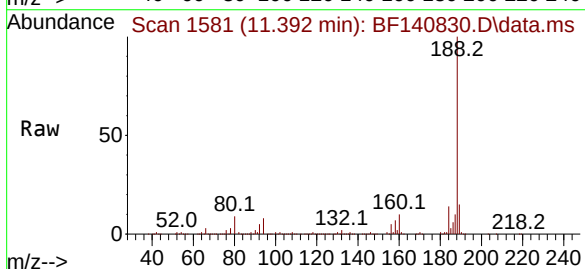
Tgt Ion:188 Resp: 346523

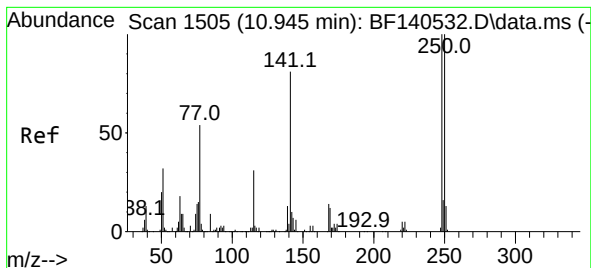
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.6 6.9 10.3

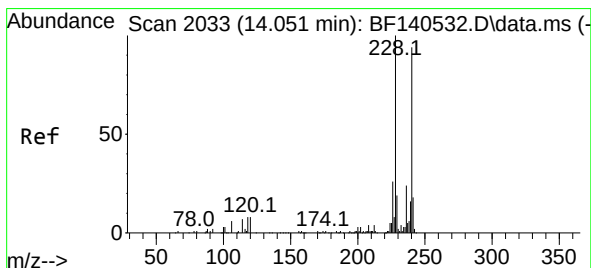
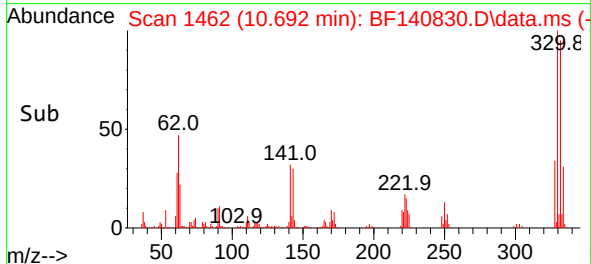
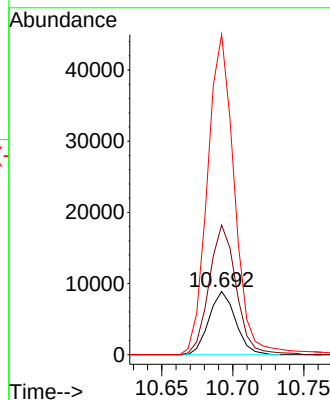
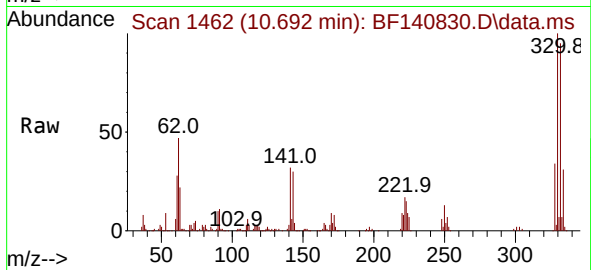




#67
4-Bromophenyl-phenylether
Concen: 3.241 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

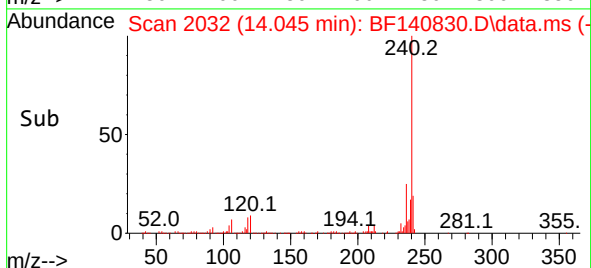
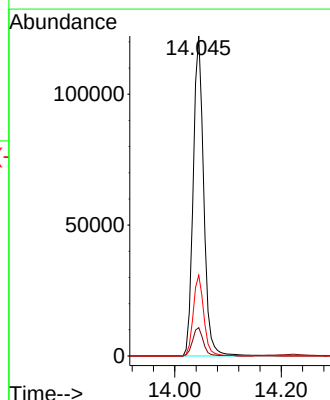
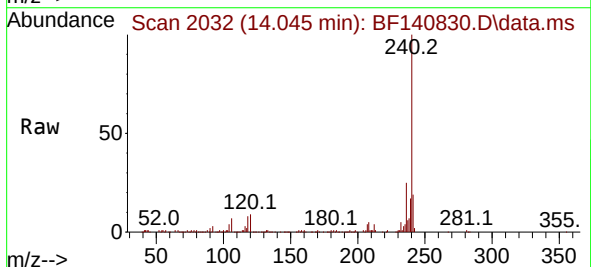
Instrument :
BNA_F
ClientSampleId :
MH-744

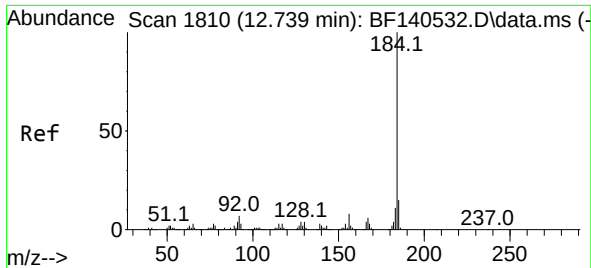
Tgt Ion:248 Resp: 11565
Ion Ratio Lower Upper
248 100
250 205.3 79.8 119.8#
141 506.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Tgt Ion:240 Resp: 167870
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.3 20.6 31.0

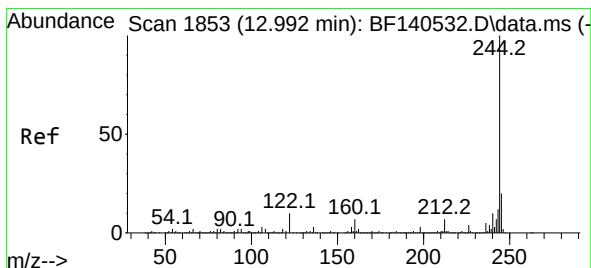
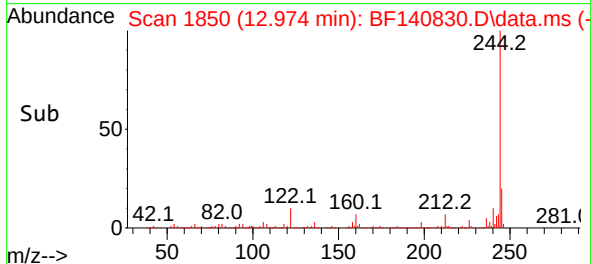
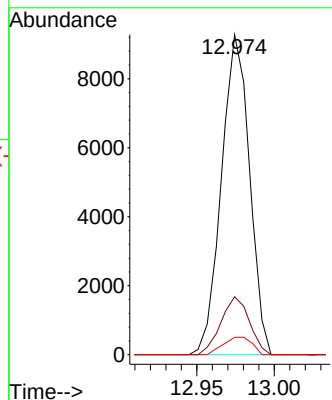
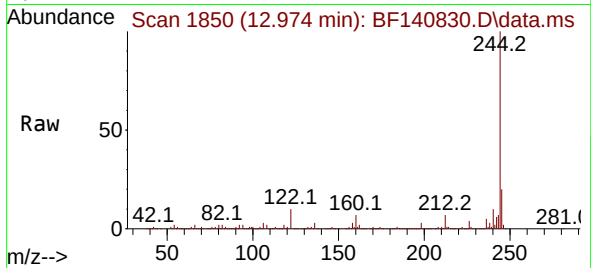




#77
Benzidine
Concen: 2.393 ng
RT: 12.974 min Scan# 1850
Delta R.T. 0.235 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

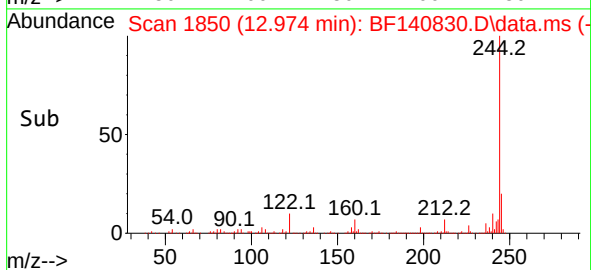
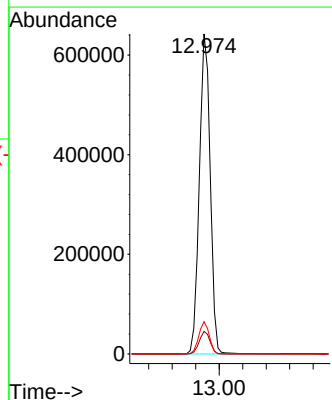
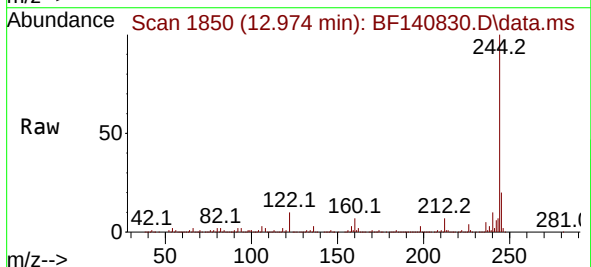
Instrument :
BNA_F
ClientSampleId :
MH-744

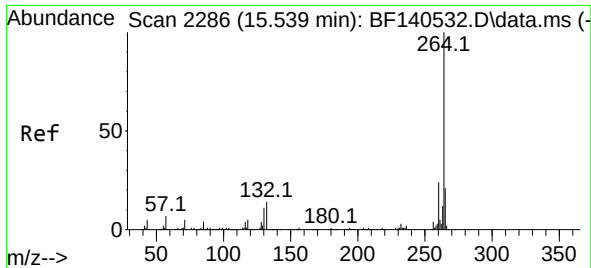
Tgt Ion:184 Resp: 11682
Ion Ratio Lower Upper
184 100
185 18.1 11.7 17.5#
183 5.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 76.404 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.018 min
Lab File: BF140830.D
Acq: 11 Dec 2024 15:42

Tgt Ion:244 Resp: 823686
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.1 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: BF140830.D
 Acq: 11 Dec 2024 15:42

Instrument :
 BNA_F
 ClientSampleId :
 MH-744

Tgt Ion:264 Resp: 176101
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.0 16.6 25.0

