

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140560.D
 Acq On : 22 Nov 2024 02:13
 Operator : RC/JU
 Sample : P4924-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Nov 22 02:55:35 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)

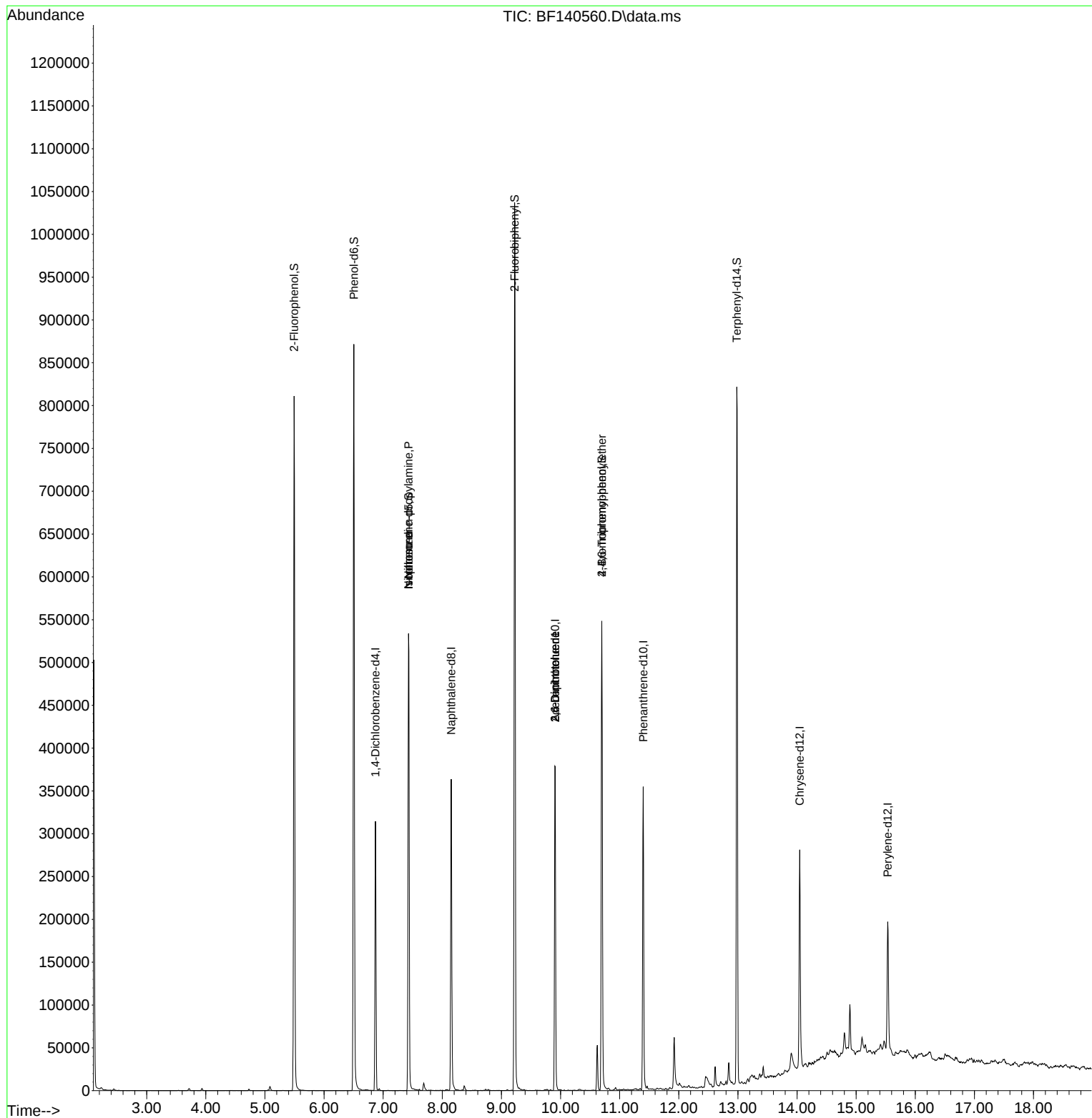
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	63835	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	230819	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	121722	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	192898	20.000	ng	0.00
76) Chrysene-d12	14.045	240	117194	20.000	ng	0.00
86) Perylene-d12	15.533	264	87555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	296638	79.287	ng	0.00
7) Phenol-d6	6.504	99	392092	79.273	ng	-0.01
23) Nitrobenzene-d5	7.428	82	249449	55.279	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	95259	73.173	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	472031	57.779	ng	-0.01
79) Terphenyl-d14	12.980	244	400089	53.159	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	33572	11.485	ng	# 77
25) Isophorone	7.428	82	245413	32.606	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	15112	8.312	ng	# 19
57) 2,4-Dinitrotoluene	9.910	165	15112	6.254	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	6084	3.063	ng	# 1

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

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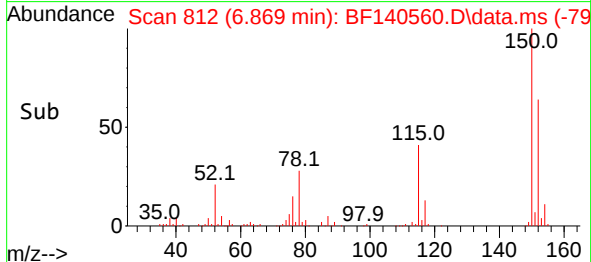
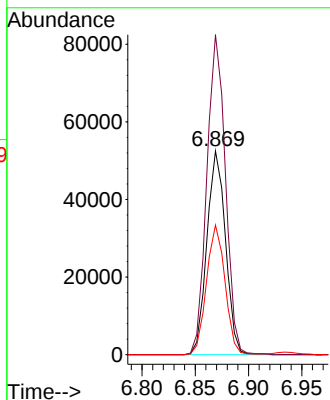
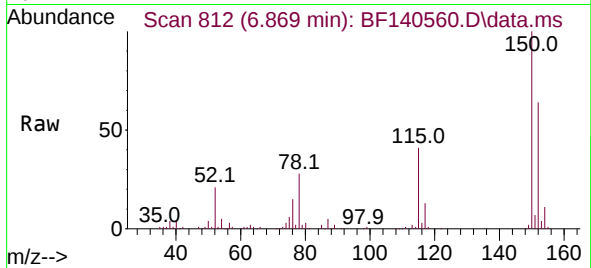




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

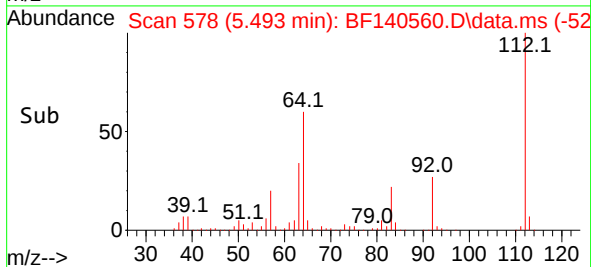
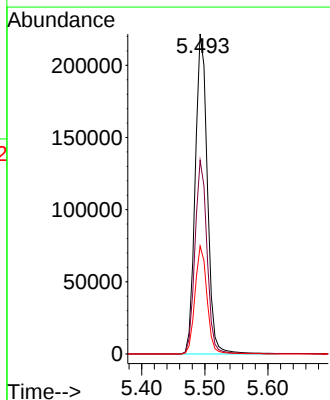
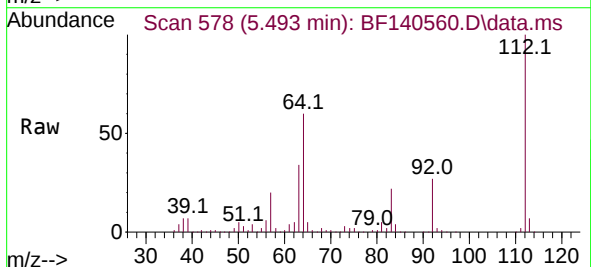
Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:152 Resp: 63835
Ion Ratio Lower Upper
152 100
150 157.1 128.5 192.7
115 63.6 50.2 75.4



#5
2-Fluorophenol
Concen: 79.287 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

Tgt Ion:112 Resp: 296638
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 33.7 27.0 40.4

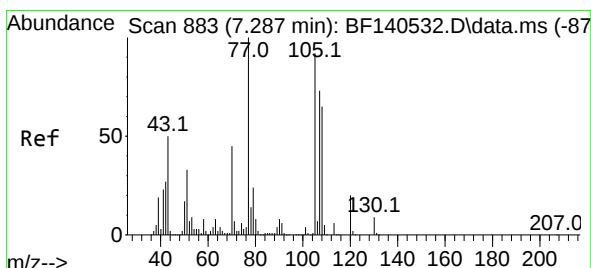
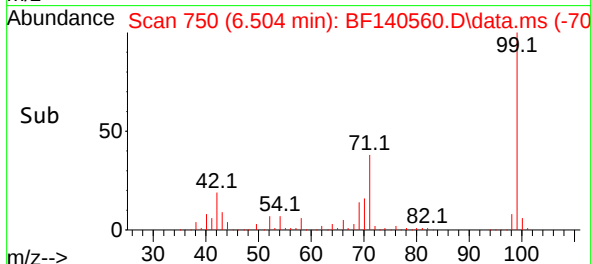
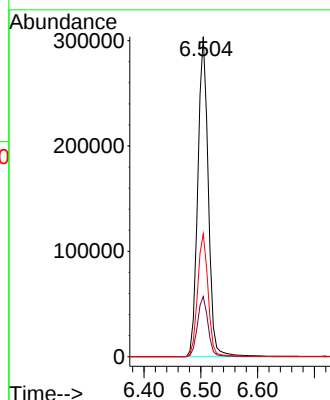
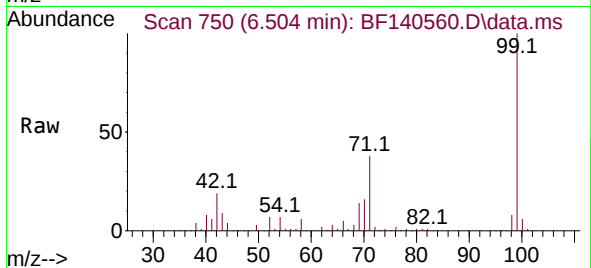




#7
Phenol-d6
Concen: 79.273 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

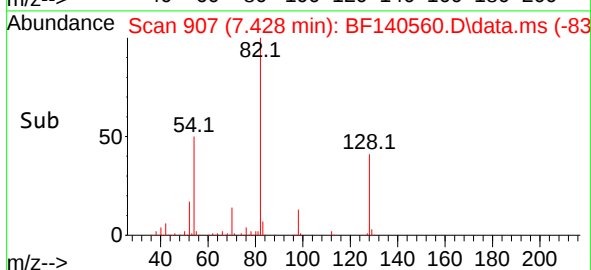
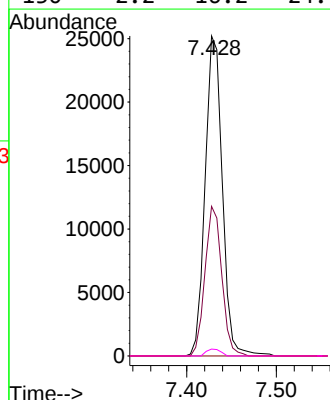
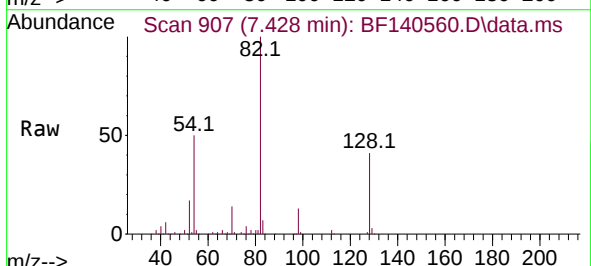
Instrument :
BNA_F
ClientSampleId :
MH-4

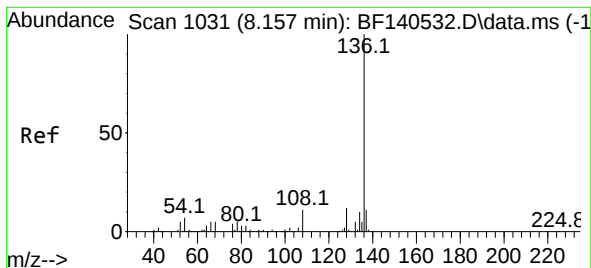
Tgt Ion: 99 Resp: 392092
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.485 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

Tgt Ion: 70 Resp: 33572
Ion Ratio Lower Upper
70 100
42 46.7 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: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140560.D

Acq: 22 Nov 2024 02:13

Instrument :

BNA_F

ClientSampleId :

MH-4

Tgt Ion:136 Resp: 230819

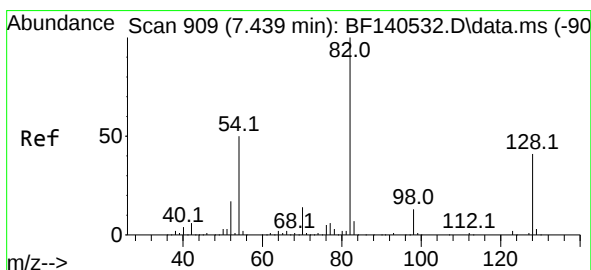
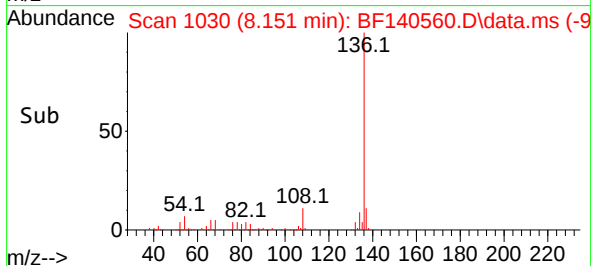
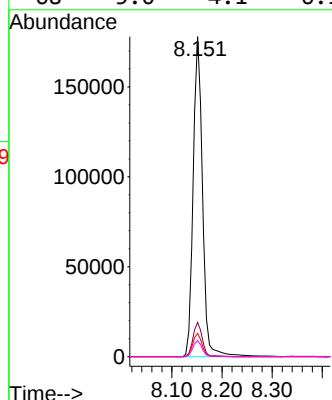
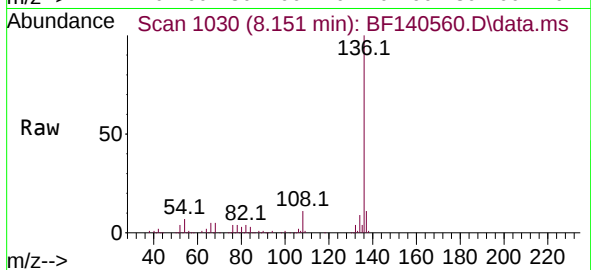
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.3 5.8 8.8

68 5.0 4.1 6.1



#23

Nitrobenzene-d5

Concen: 55.279 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140560.D

Acq: 22 Nov 2024 02:13

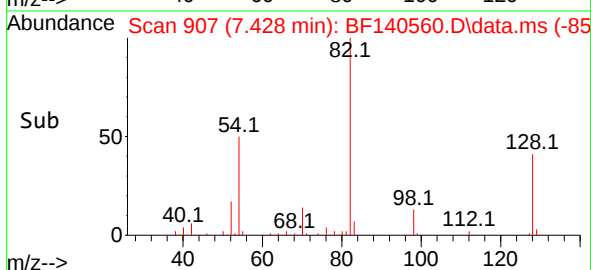
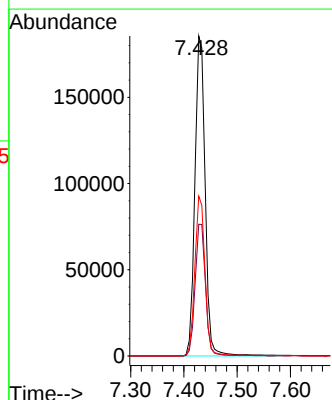
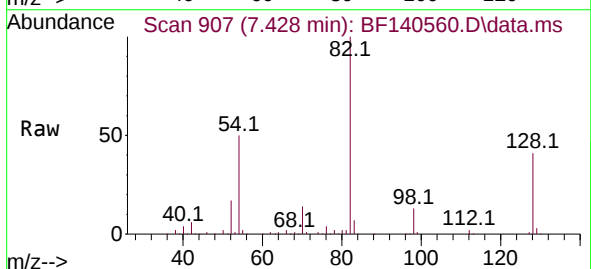
Tgt Ion: 82 Resp: 249449

Ion Ratio Lower Upper

82 100

128 41.2 33.0 49.4

54 49.9 39.5 59.3

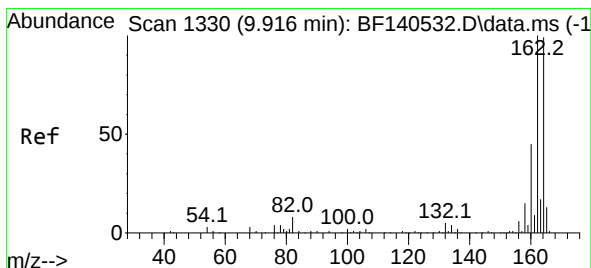
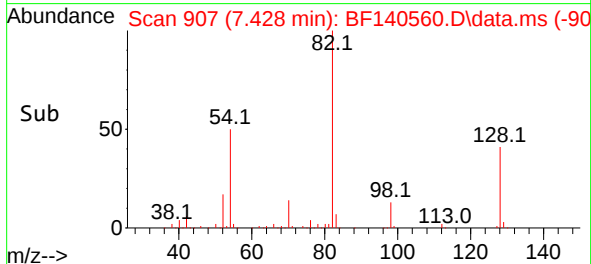
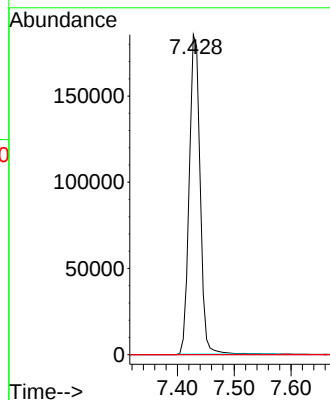
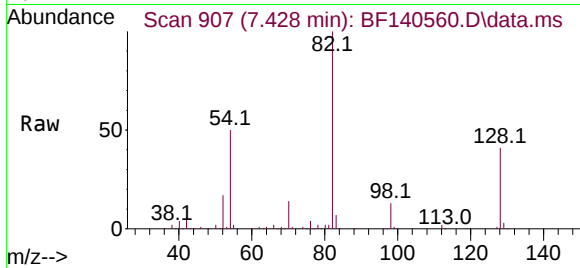




#25
Isophorone
Concen: 32.606 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

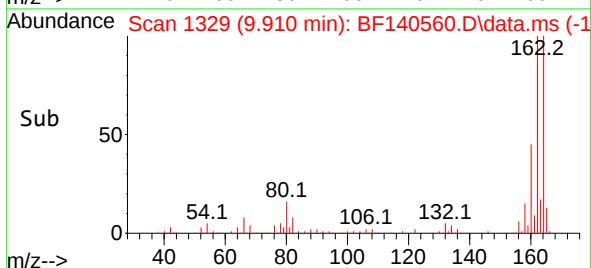
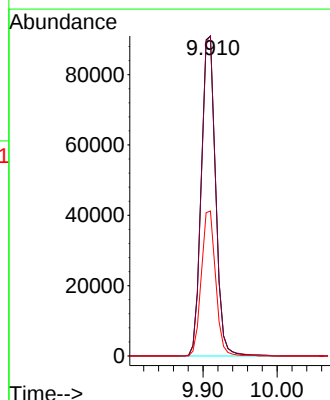
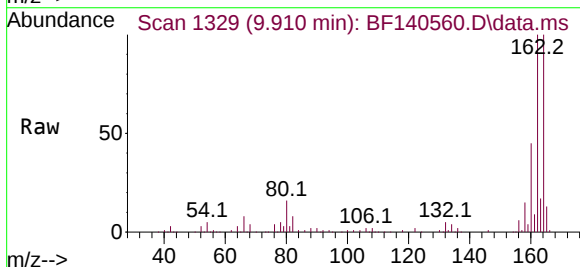
Instrument :
BNA_F
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MH-4

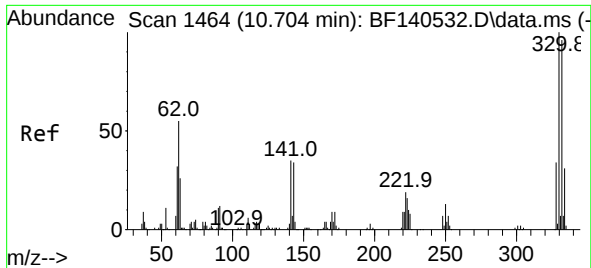
Tgt Ion: 82 Resp: 245413
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

Tgt Ion:164 Resp: 121722
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 45.3 36.2 54.4

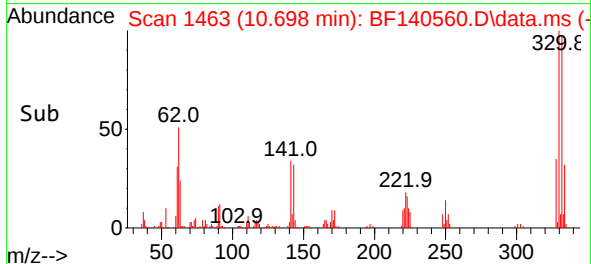
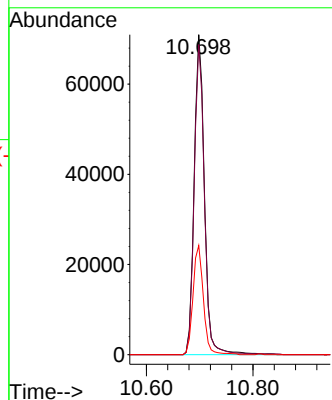
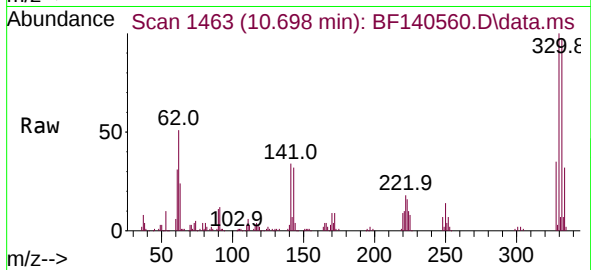




#42
2,4,6-Tribromophenol
Concen: 73.173 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

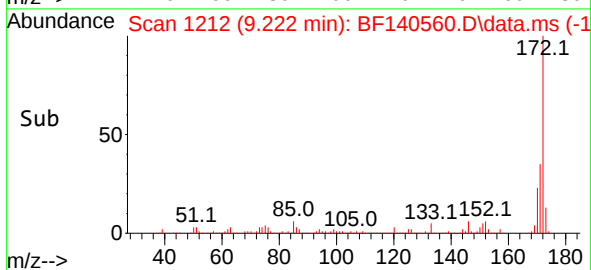
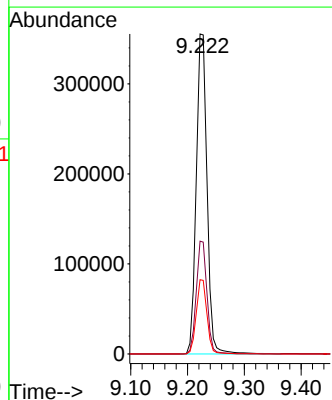
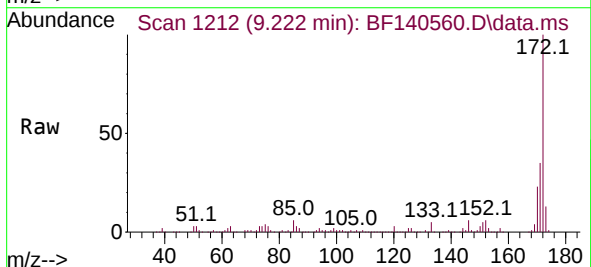
Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:330 Resp: 95259
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 57.779 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

Tgt Ion:172 Resp: 472031
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.2 19.0 28.6

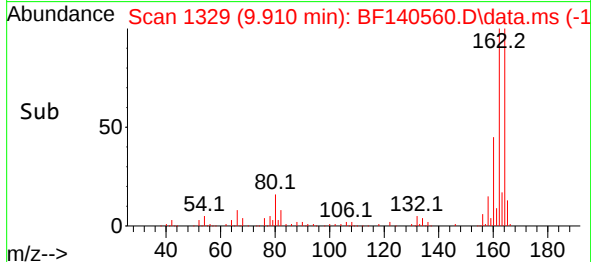
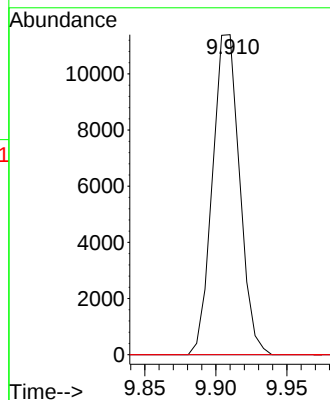
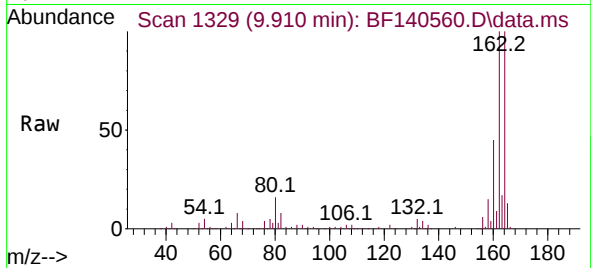




#51
2,6-Dinitrotoluene
Concen: 8.312 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

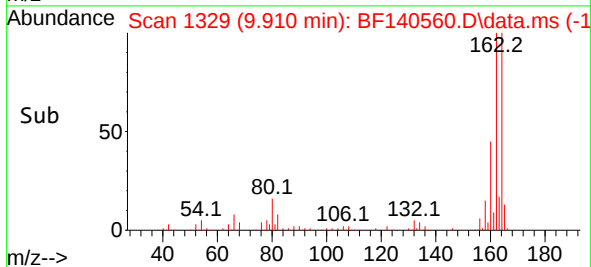
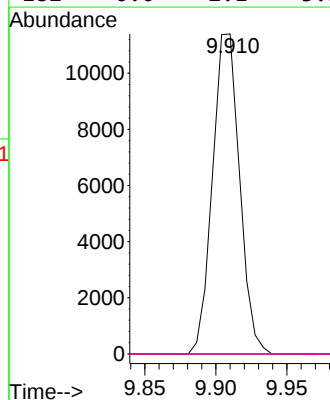
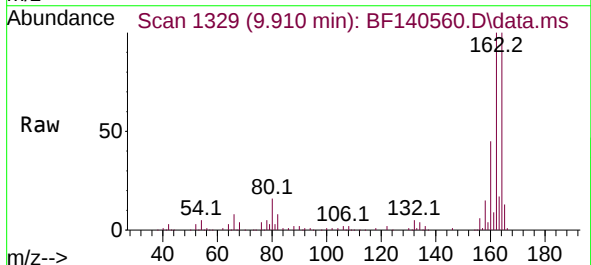
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BNA_F
ClientSampleId :
MH-4

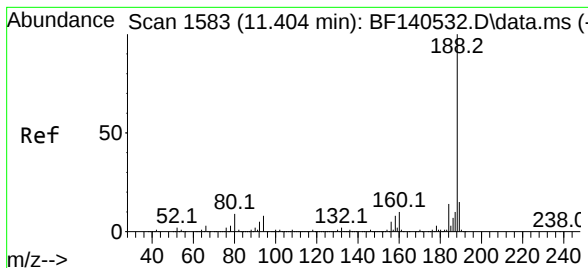
Tgt Ion:165 Resp: 15112
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.254 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140560.D
Acq: 22 Nov 2024 02:13

Tgt Ion:165 Resp: 15112
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# 11

Delta R.T. -0.006 min

Lab File: BF140560.D

Acq: 22 Nov 2024 02:13

Instrument :

BNA_F

ClientSampleId :

MH-4

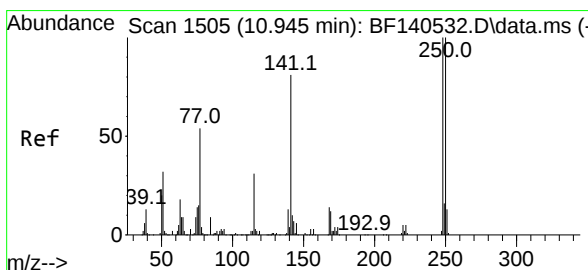
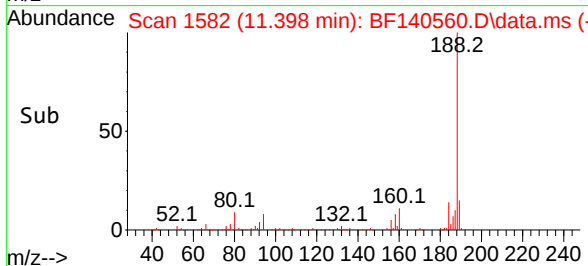
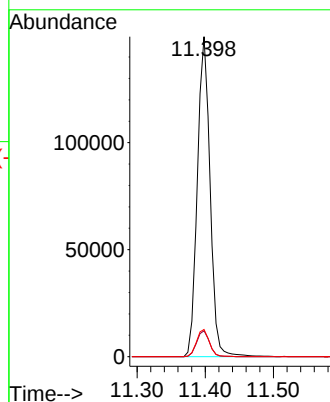
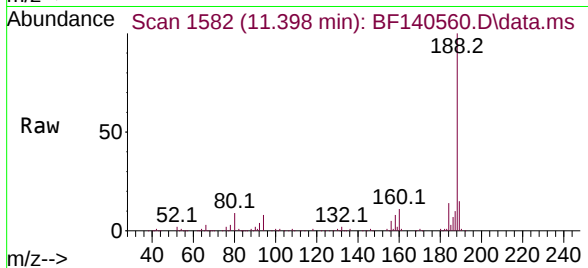
Tgt Ion:188 Resp: 192898

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.5 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 3.063 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140560.D

Acq: 22 Nov 2024 02:13

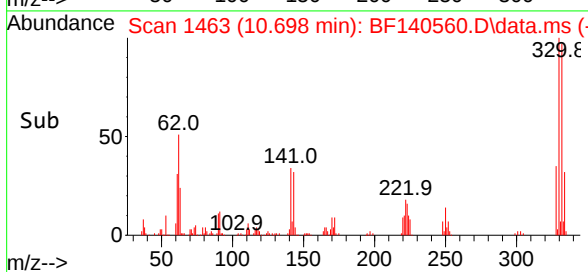
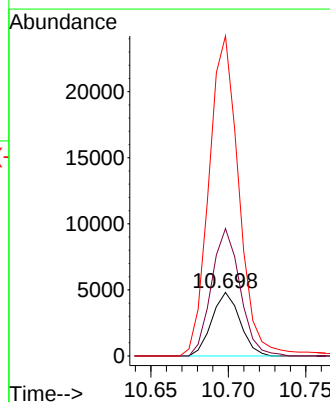
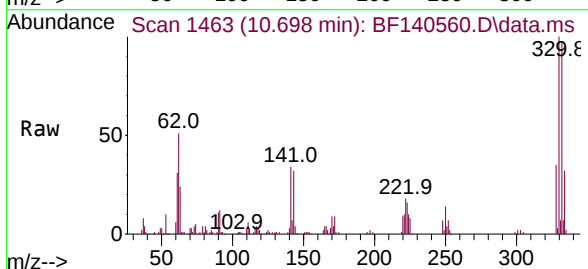
Tgt Ion:248 Resp: 6084

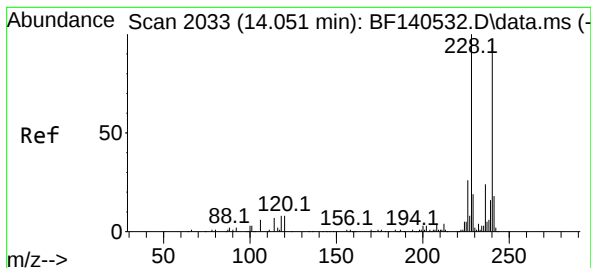
Ion Ratio Lower Upper

248 100

250 200.6 79.8 119.8#

141 504.1 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: BF140560.D

Acq: 22 Nov 2024 02:13

Instrument :

BNA_F

ClientSampleId :

MH-4

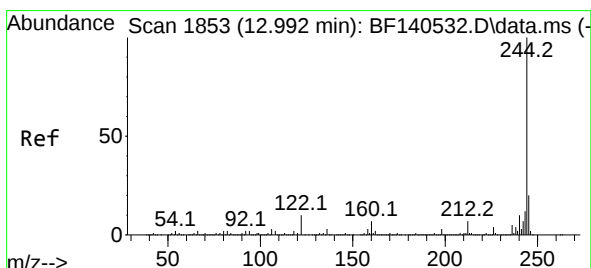
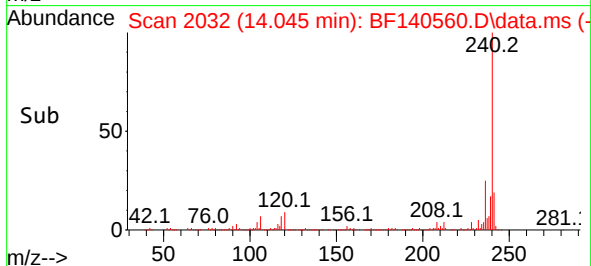
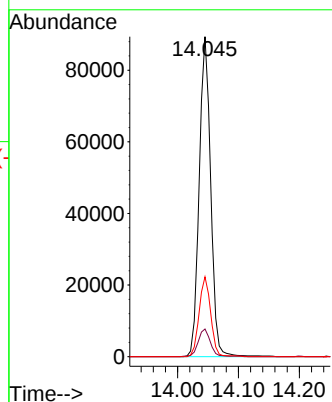
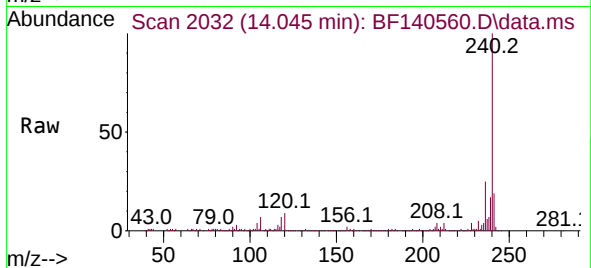
Tgt Ion:240 Resp: 117194

Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 24.9 20.6 31.0



#79

Terphenyl-d14

Concen: 53.159 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140560.D

Acq: 22 Nov 2024 02:13

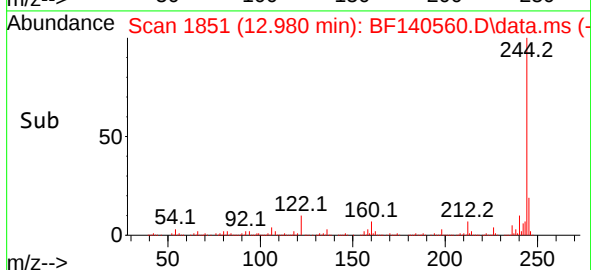
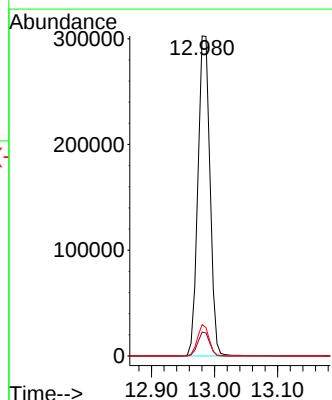
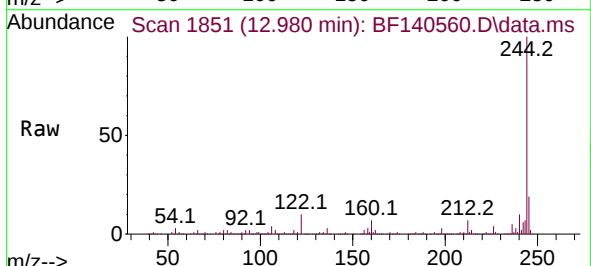
Tgt Ion:244 Resp: 400089

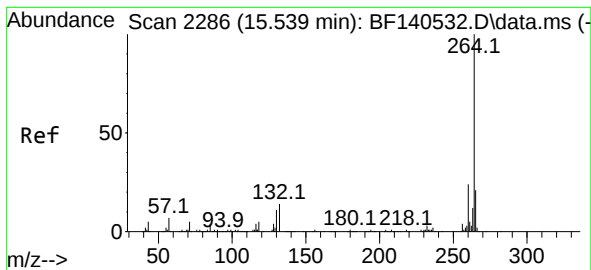
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.8 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140560.D

Acq: 22 Nov 2024 02:13

Instrument :

BNA_F

ClientSampleId :

MH-4

Tgt Ion:264 Resp: 87555

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.7 16.6 25.0

