

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140915.D
 Acq On : 18 Dec 2024 19:23
 Operator : RC/JU
 Sample : P5291-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213-A

Quant Time: Dec 19 01:20:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

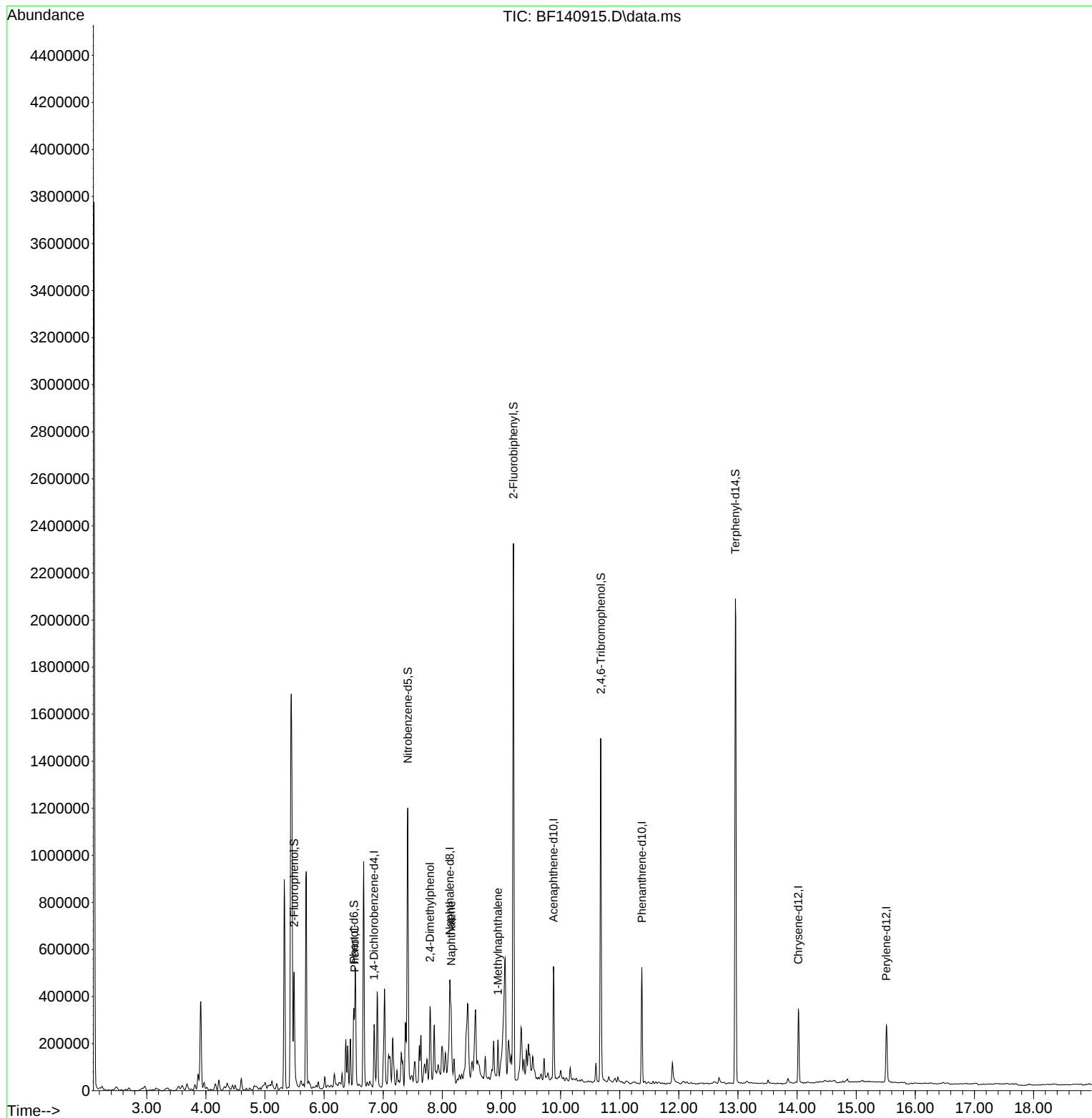
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	55545	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	235361	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145926	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	253299	20.000	ng	0.00
76) Chrysene-d12	14.021	240	156863	20.000	ng	-0.01
86) Perylene-d12	15.510	264	149587	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	224736	66.605	ng	0.00
7) Phenol-d6	6.504	99	191985	42.958	ng	0.00
23) Nitrobenzene-d5	7.416	82	491837	104.551	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	266267	154.278	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1027748	96.830	ng	0.00
79) Terphenyl-d14	12.957	244	1053942	105.948	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	18624	4.021	ng	# 82
27) 2,4-Dimethylphenol	7.792	122	62720	24.196	ng	99
31) Naphthalene	8.151	128	157119	12.153	ng	99
38) 1-Methylnaphthalene	8.939	142	25204	2.980	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140915.D
Acq On : 18 Dec 2024 19:23
Operator : RC/JU
Sample : P5291-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

Quant Time: Dec 19 01:20:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

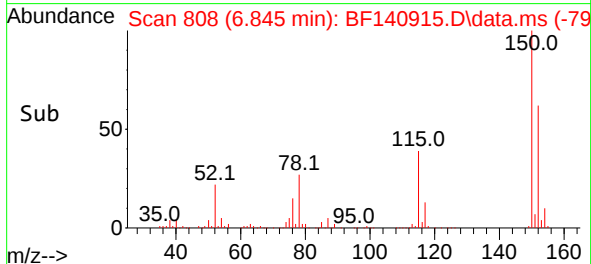
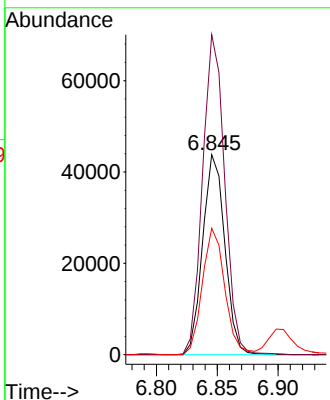
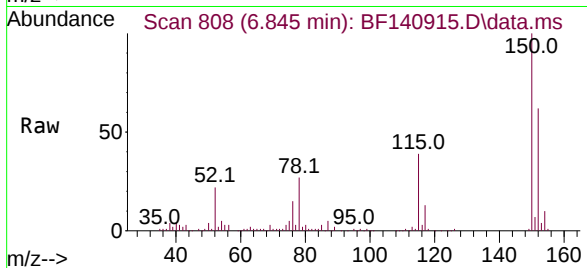




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

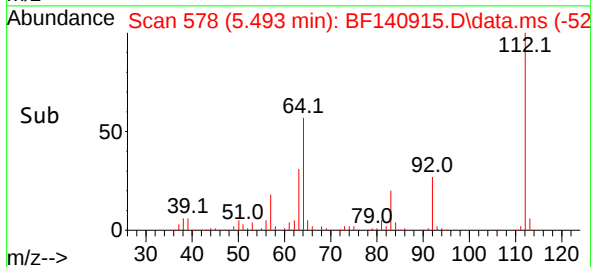
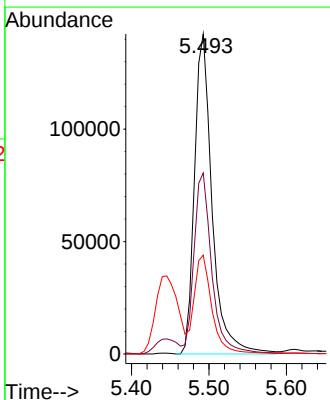
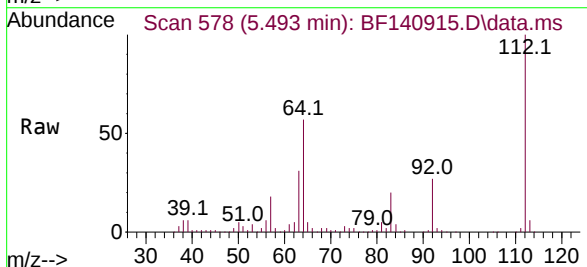
Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

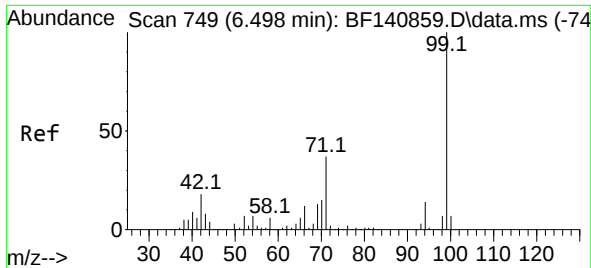
Tgt Ion:152 Resp: 55545
Ion Ratio Lower Upper
152 100
150 160.0 127.9 191.9
115 63.2 48.0 72.0



#5
2-Fluorophenol
Concen: 66.605 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:112 Resp: 224736
Ion Ratio Lower Upper
112 100
64 56.5 46.1 69.1
63 30.9 24.9 37.3

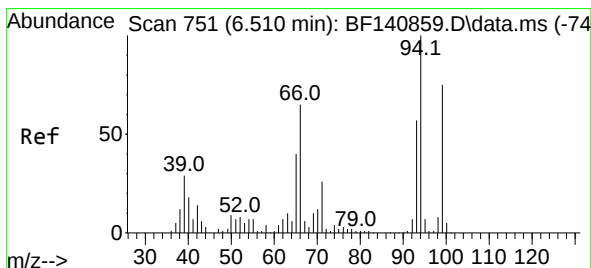
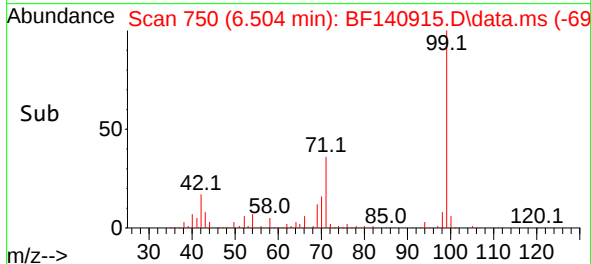
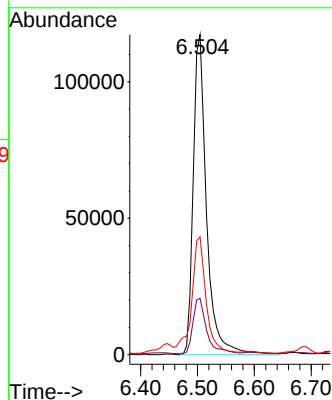
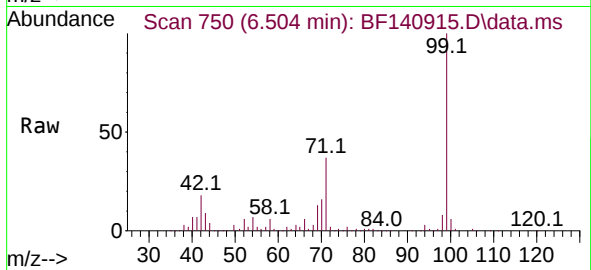




#7
Phenol-d6
Concen: 42.958 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

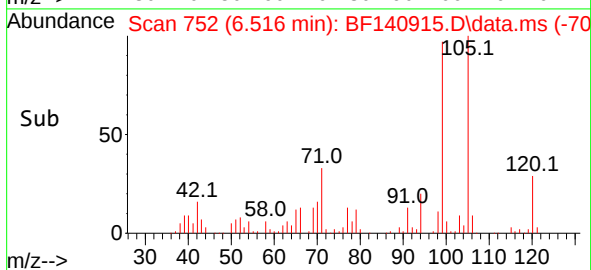
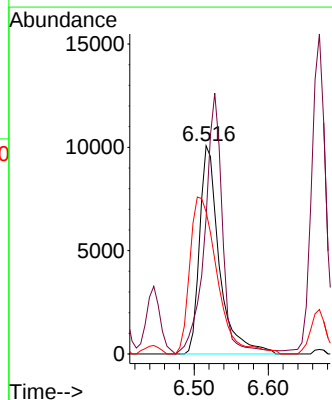
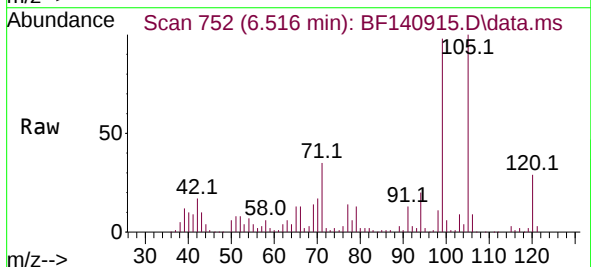
Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

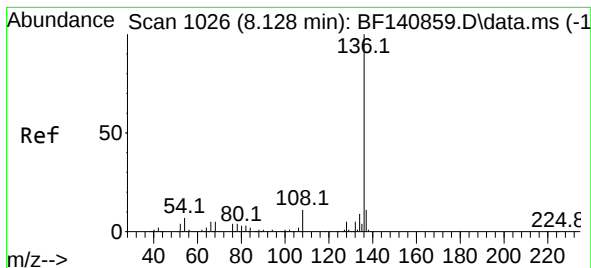
Tgt Ion: 99 Resp: 191985
Ion Ratio Lower Upper
99 100
42 17.6 14.3 21.5
71 36.8 29.9 44.9



#10
Phenol
Concen: 4.021 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion: 94 Resp: 18624
Ion Ratio Lower Upper
94 100
65 65.4 19.9 59.9#
66 68.4 45.6 85.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140915.D

Acq: 18 Dec 2024 19:23

Instrument :

BNA_F

ClientSampleId :

MW6-20241213-A

Tgt Ion:136 Resp: 235361

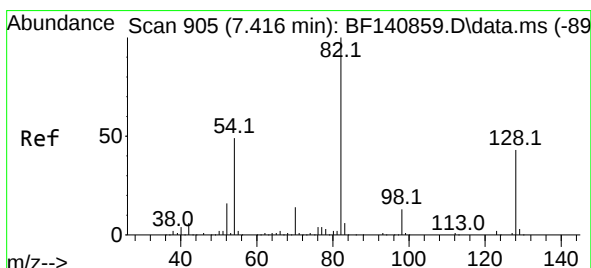
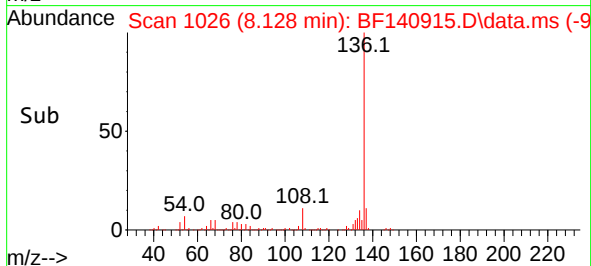
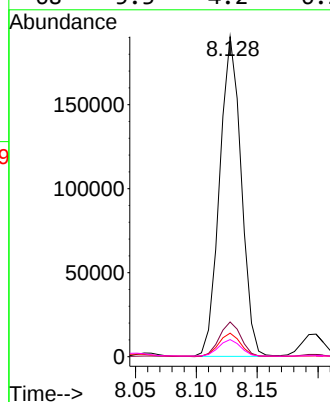
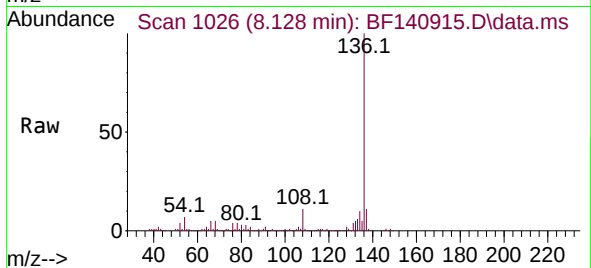
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.3 5.6 8.4

68 5.3 4.2 6.2



#23

Nitrobenzene-d5

Concen: 104.551 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140915.D

Acq: 18 Dec 2024 19:23

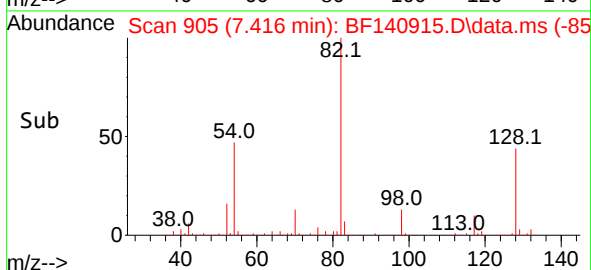
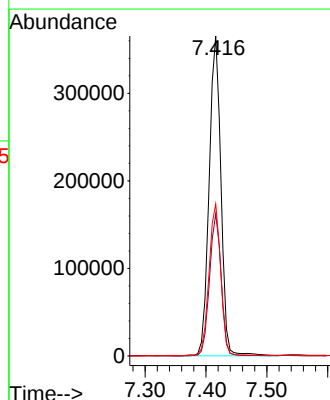
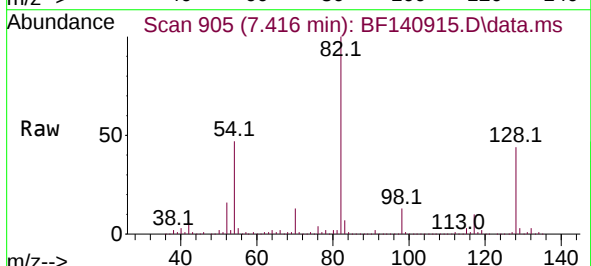
Tgt Ion: 82 Resp: 491837

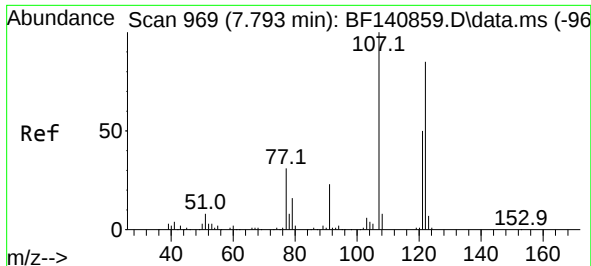
Ion Ratio Lower Upper

82 100

128 44.4 34.4 51.6

54 47.5 38.8 58.2

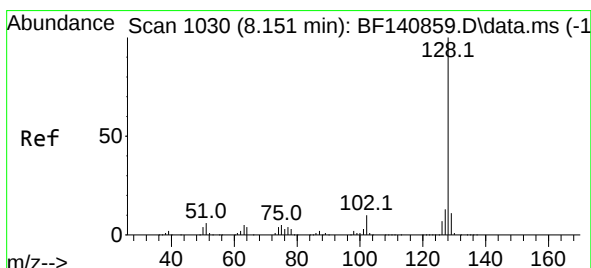
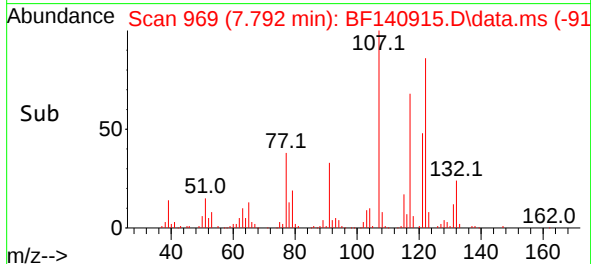
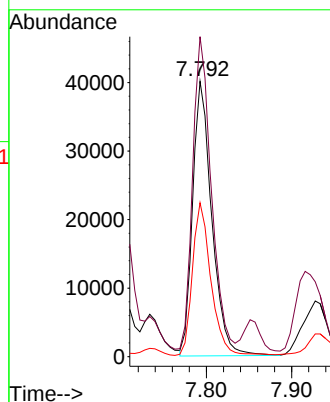
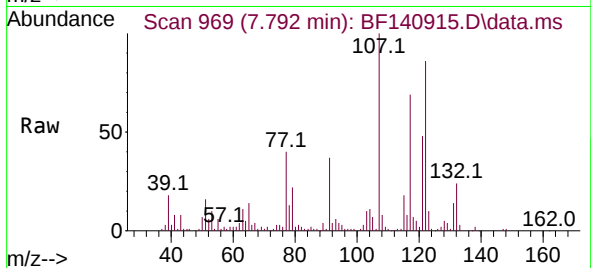




#27
2,4-Dimethylphenol
Concen: 24.196 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

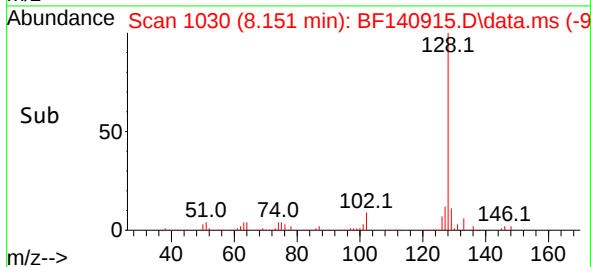
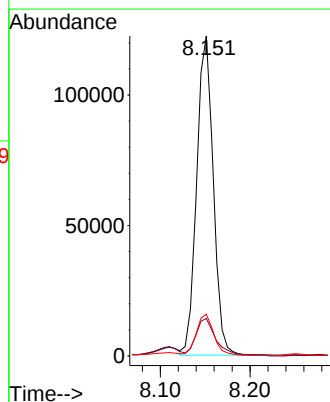
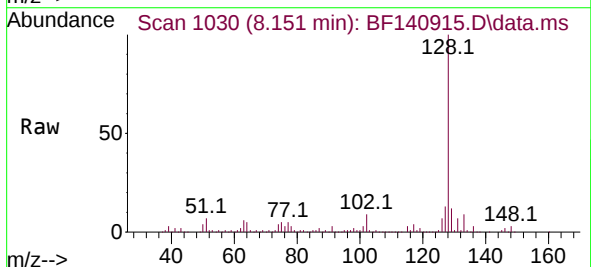
Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

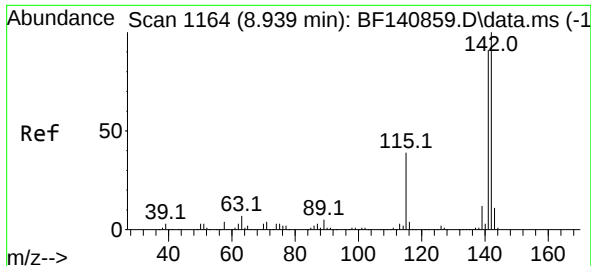
Tgt Ion:122	Resp:	62720
Ion	Ratio	Lower Upper
122	100	
107	116.2	92.6 139.0
121	55.9	45.8 68.8



#31
Naphthalene
Concen: 12.153 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:128	Resp:	157119
Ion	Ratio	Lower Upper
128	100	
129	11.7	8.9 13.3
127	13.0	10.6 16.0

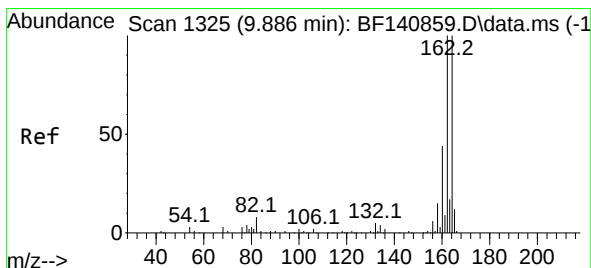
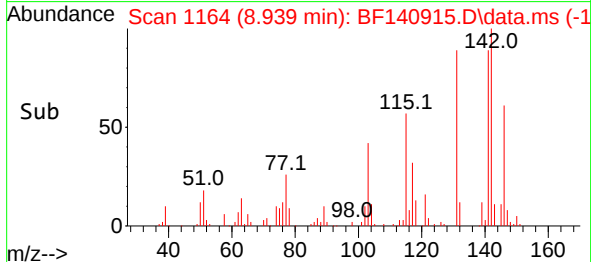
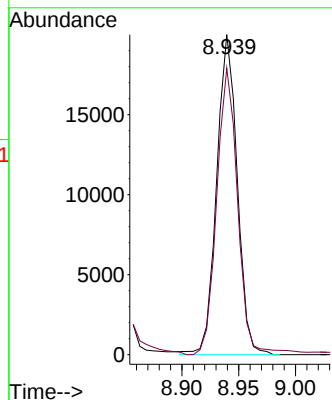
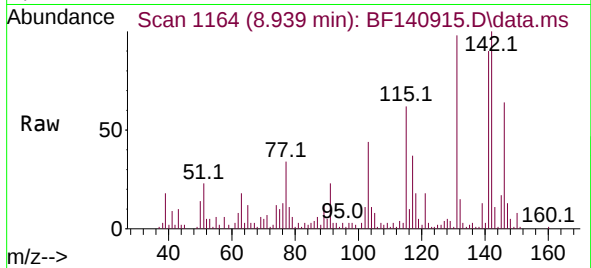




#38
1-Methylnaphthalene
Concen: 2.980 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

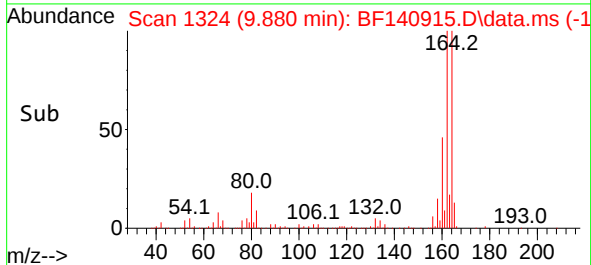
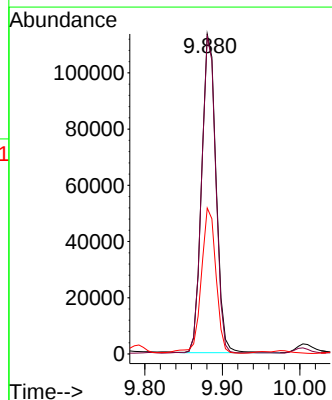
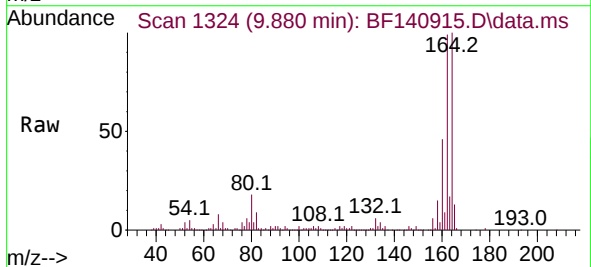
Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

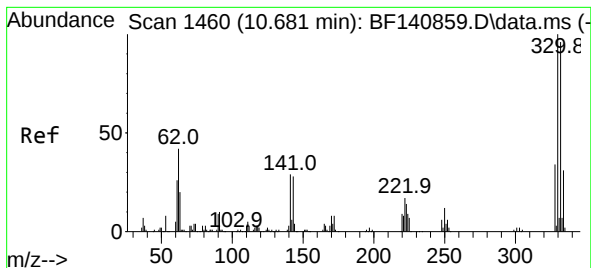
Tgt Ion:142 Resp: 25204
Ion Ratio Lower Upper
142 100
141 89.6 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:164 Resp: 145926
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 45.6 35.2 52.8

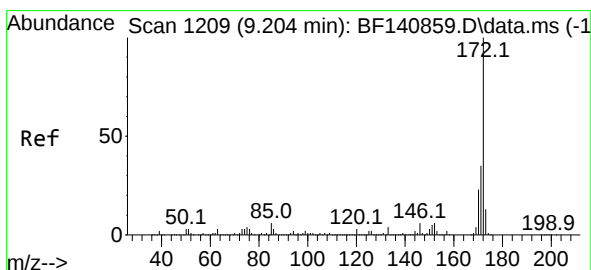
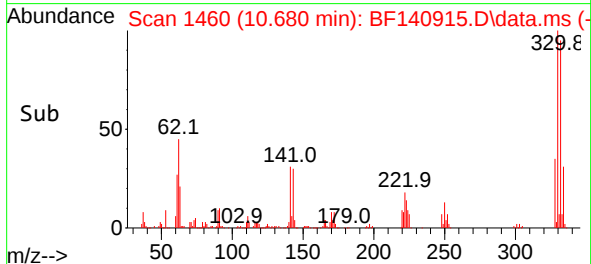
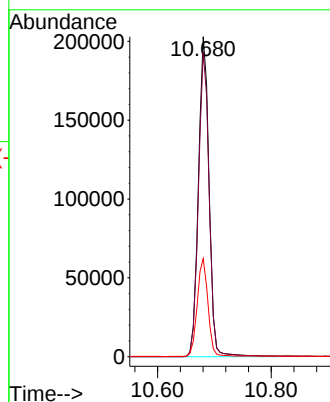
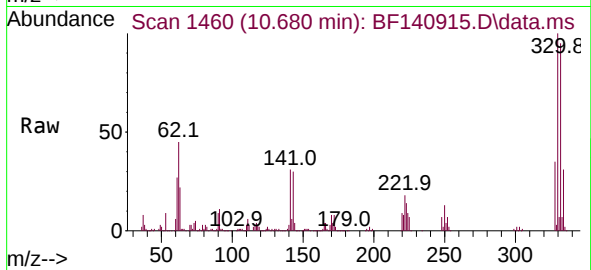




#42
2,4,6-Tribromophenol
Concen: 154.278 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

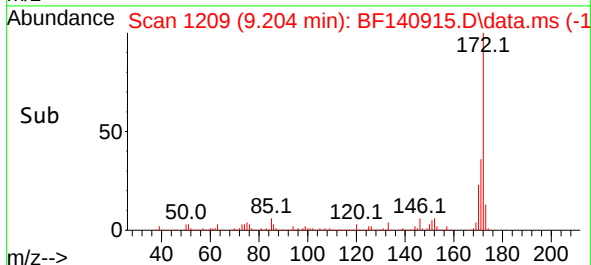
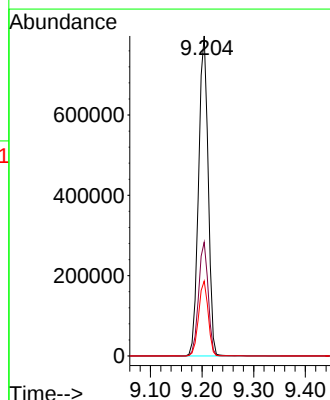
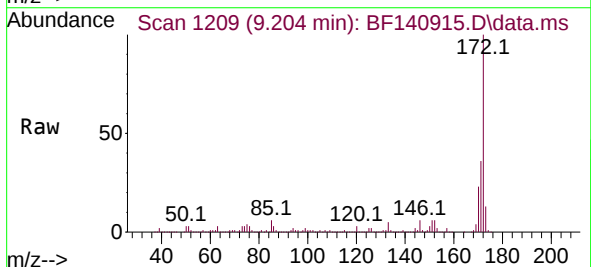
Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

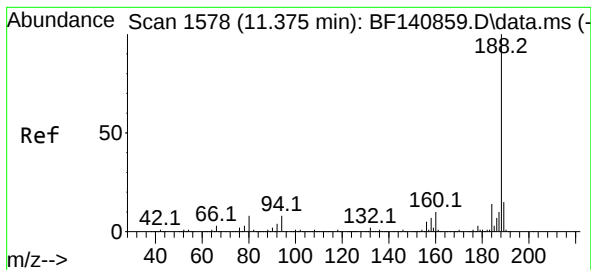
Tgt Ion:330 Resp: 266267
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 30.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 96.830 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:172 Resp: 1027748
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 18.6 28.0

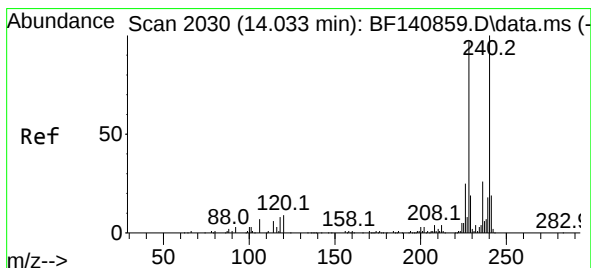
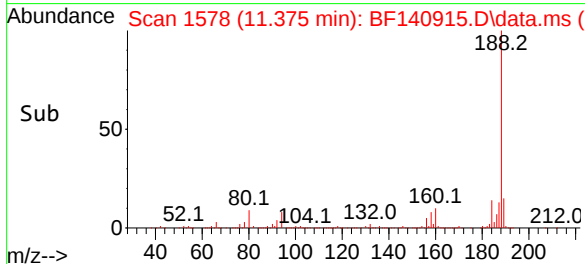
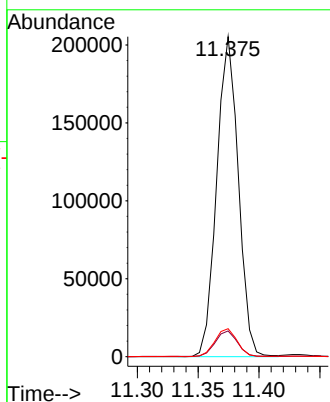
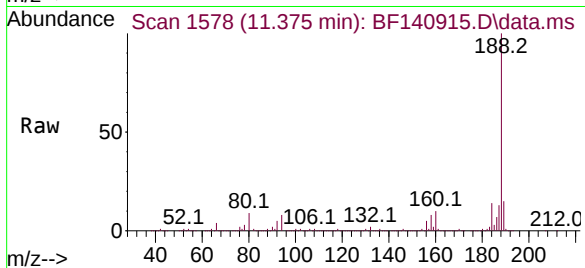




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

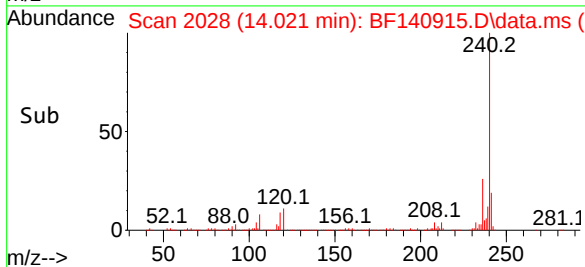
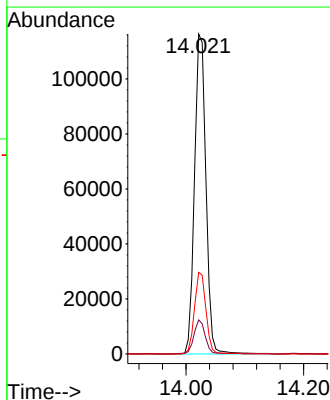
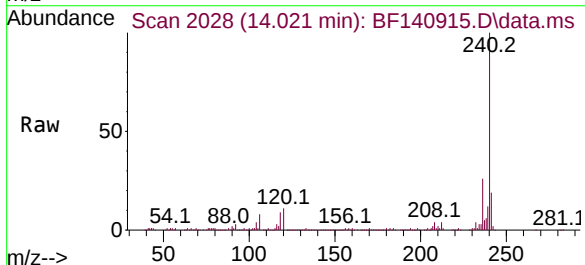
Instrument :
BNA_F
ClientSampleId :
MW6-20241213-A

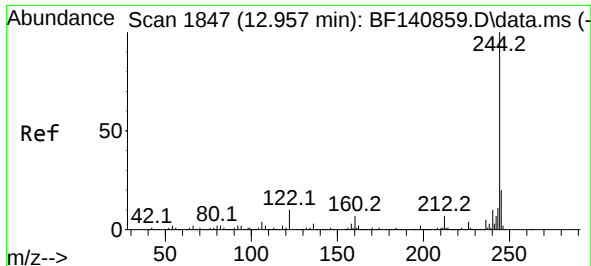
Tgt Ion:188 Resp: 253299
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140915.D
Acq: 18 Dec 2024 19:23

Tgt Ion:240 Resp: 156863
Ion Ratio Lower Upper
240 100
120 10.6 7.6 11.4
236 25.5 20.5 30.7

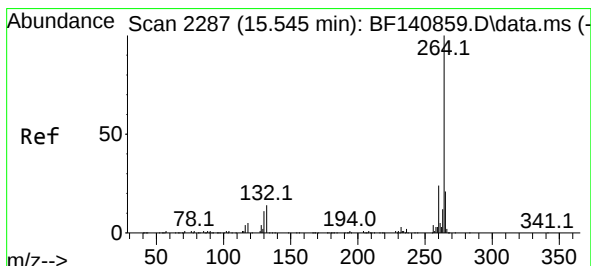
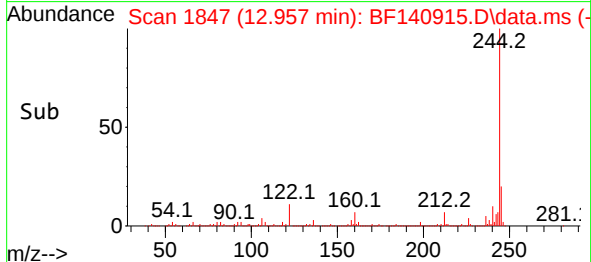
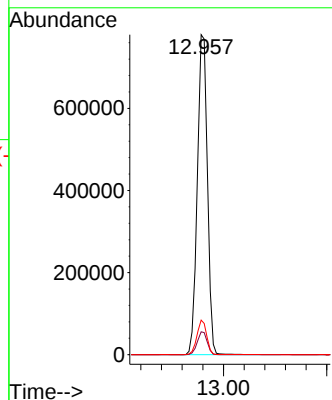
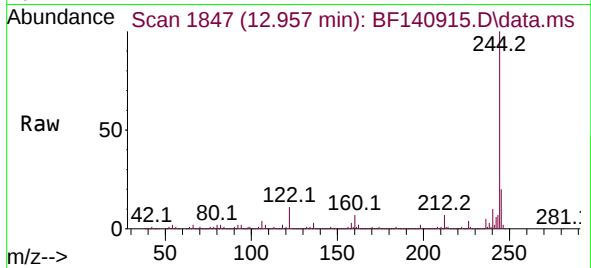




#79
 Terphenyl-d14
 Concen: 105.948 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140915.D
 Acq: 18 Dec 2024 19:23

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213-A

Tgt Ion:244 Resp: 1053942
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.035 min
 Lab File: BF140915.D
 Acq: 18 Dec 2024 19:23

Tgt Ion:264 Resp: 149587
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.1 17.0 25.4

