

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140928.D
 Acq On : 19 Dec 2024 16:05
 Operator : RC/JU
 Sample : P5291-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2-20241213

Quant Time: Dec 19 16:34:59 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)

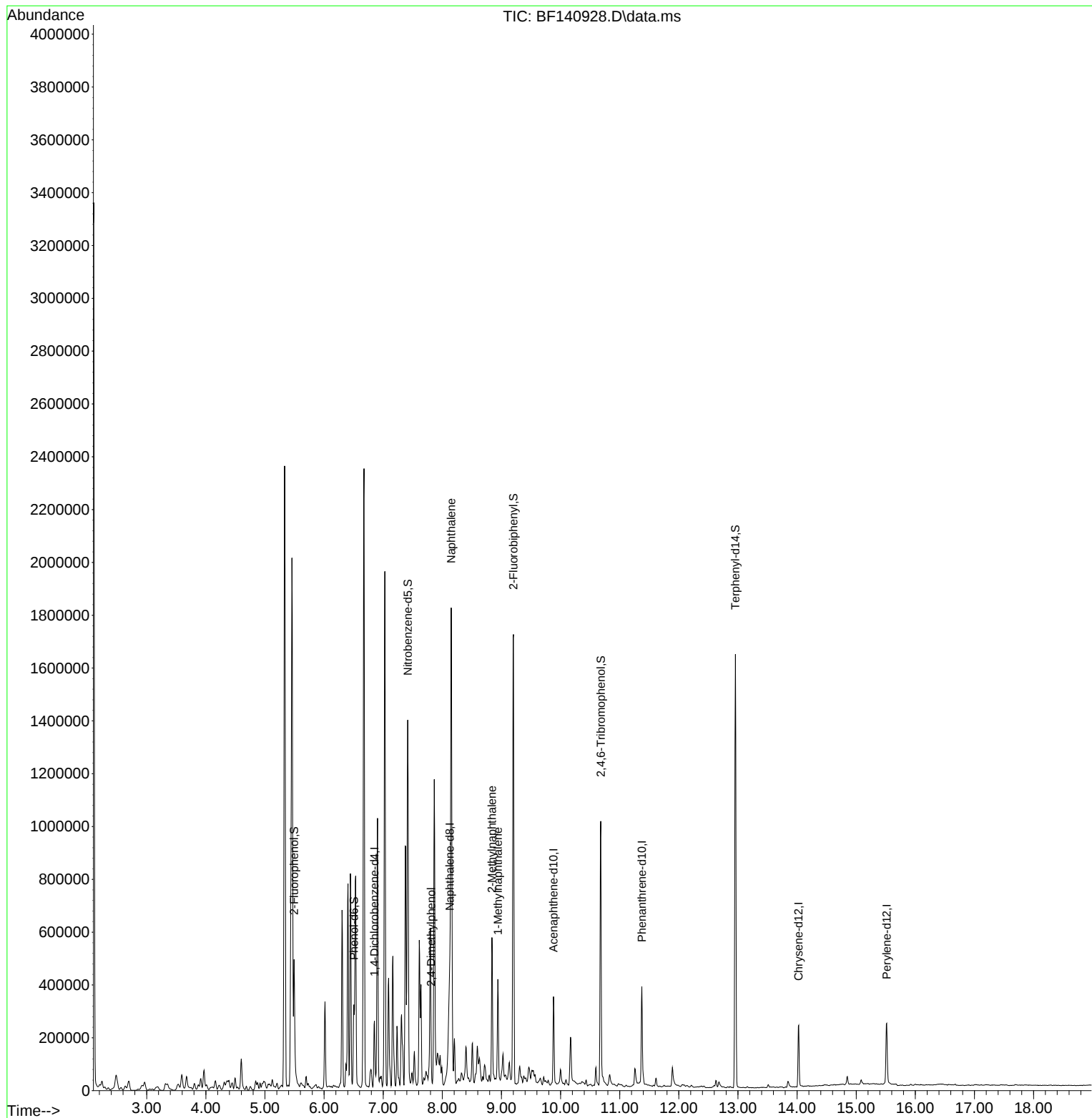
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	57762	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	194711	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	97803	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	191963	20.000	ng	0.00
76) Chrysene-d12	14.027	240	119938	20.000	ng	0.00
86) Perylene-d12	15.515	264	149451	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	227929	64.958	ng	0.00
7) Phenol-d6	6.504	99	185862	39.992	ng	0.00
23) Nitrobenzene-d5	7.416	82	398707	102.448	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	190170	164.403	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	784489	110.278	ng	0.00
79) Terphenyl-d14	12.957	244	819862	107.790	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	7.810	122	7300	3.404	ng	92
31) Naphthalene	8.151	128	1085620	101.501	ng	99
37) 2-Methylnaphthalene	8.839	142	211474	29.890	ng	98
38) 1-Methylnaphthalene	8.939	142	133791	19.121	ng	98

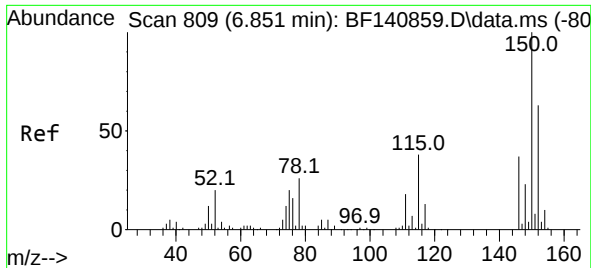
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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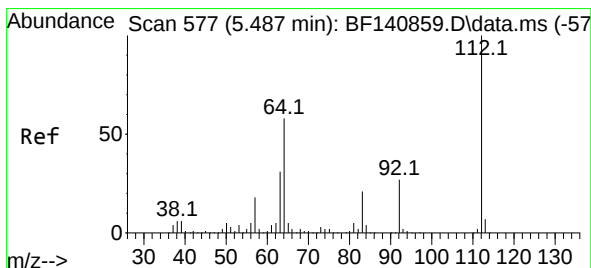
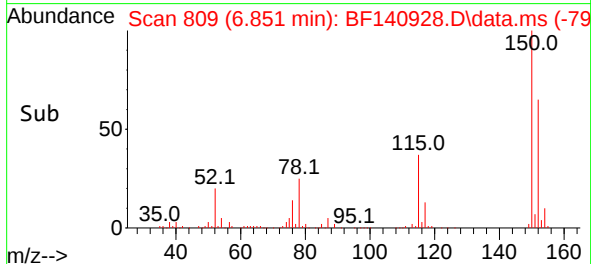
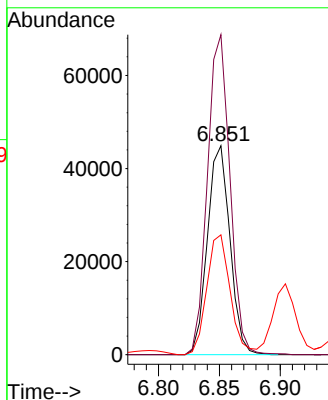
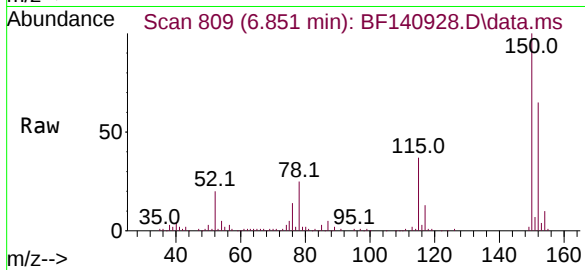




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140928.D
 Acq: 19 Dec 2024 16:05

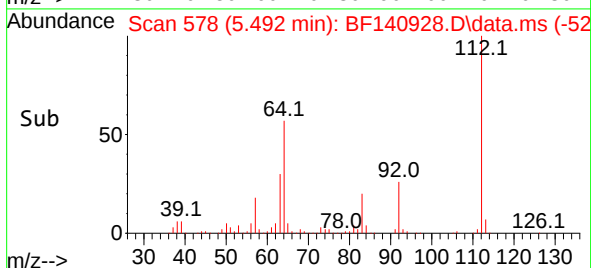
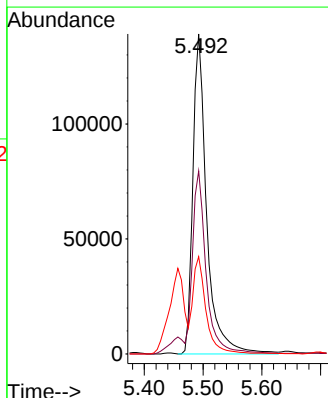
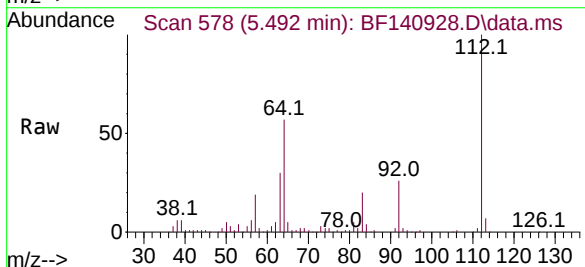
Instrument :
 BNA_F
 ClientSampleId :
 MW2-20241213

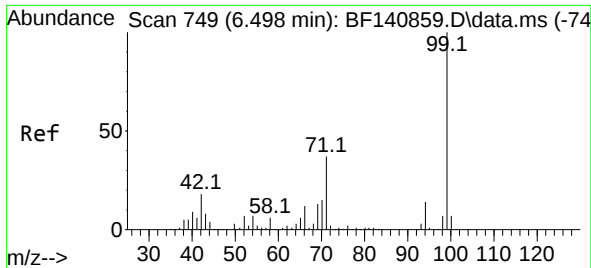
Tgt Ion:152 Resp: 57762
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.9 191.9
 115 57.4 48.0 72.0



#5
 2-Fluorophenol
 Concen: 64.958 ng
 RT: 5.492 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF140928.D
 Acq: 19 Dec 2024 16:05

Tgt Ion:112 Resp: 227929
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.1 69.1
 63 30.4 24.9 37.3

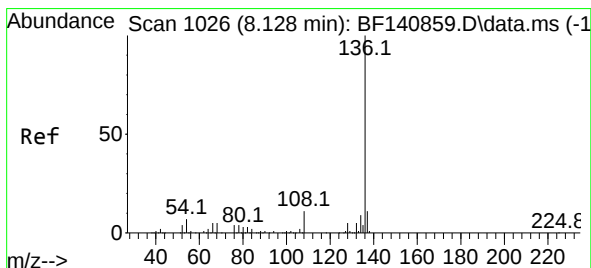
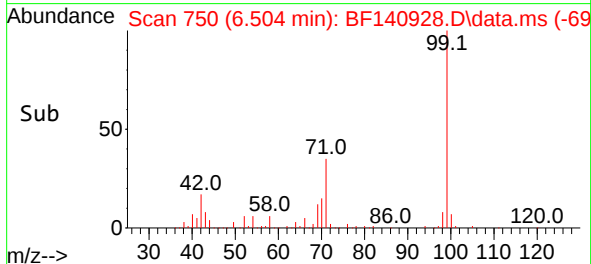
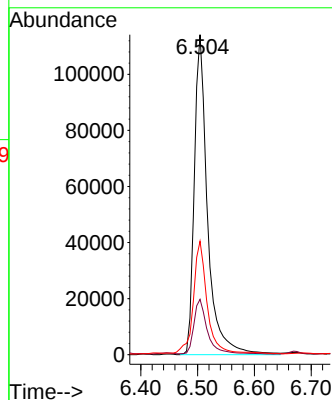
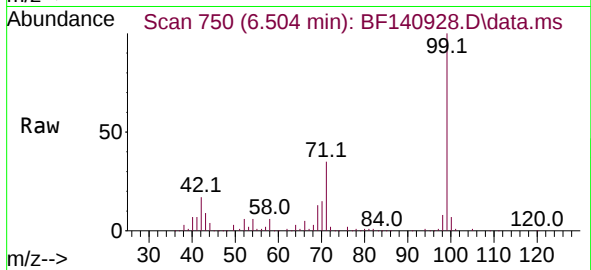




#7
Phenol-d6
Concen: 39.992 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

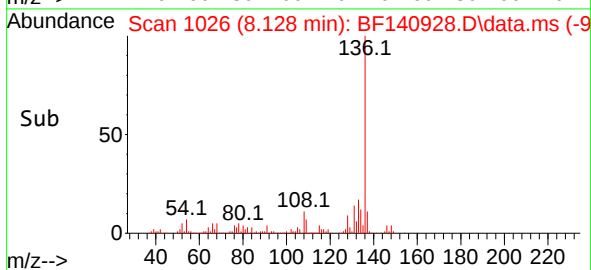
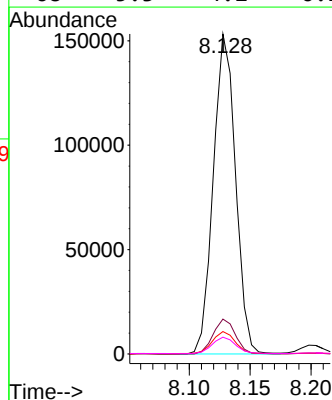
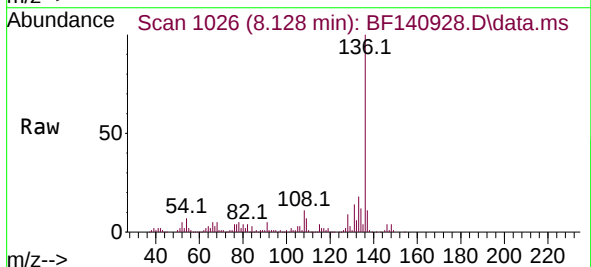
Instrument :
BNA_F
ClientSampleId :
MW2-20241213

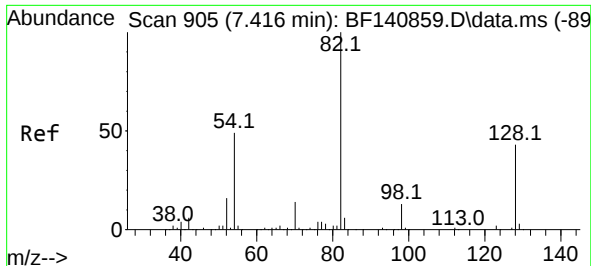
Tgt Ion: 99 Resp: 185862
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 35.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion: 136 Resp: 194711
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.0 5.6 8.4
68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 102.448 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140928.D

Acq: 19 Dec 2024 16:05

Instrument :

BNA_F

ClientSampleId :

MW2-20241213

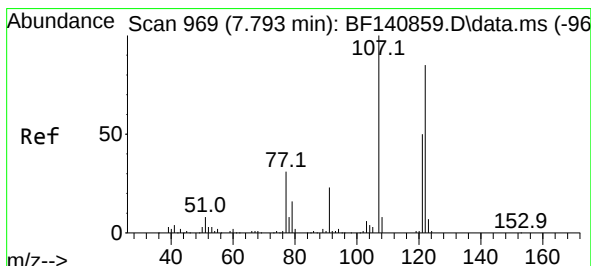
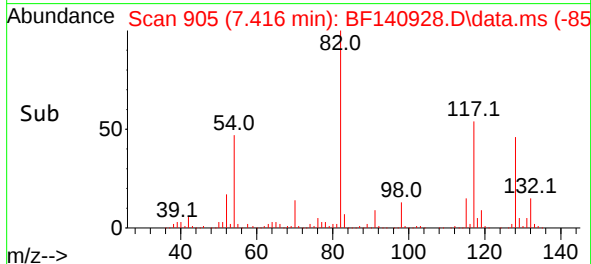
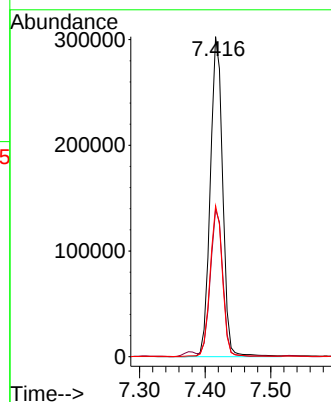
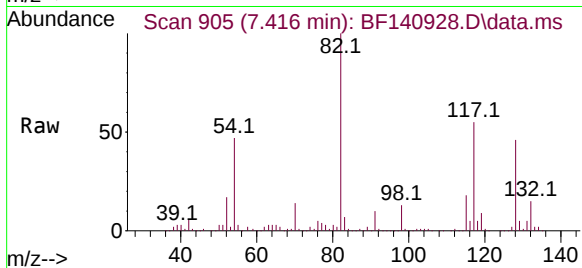
Tgt Ion: 82 Resp: 398707

Ion Ratio Lower Upper

82 100

128 46.1 34.4 51.6

54 47.2 38.8 58.2



#27

2,4-Dimethylphenol

Concen: 3.404 ng

RT: 7.810 min Scan# 972

Delta R.T. 0.017 min

Lab File: BF140928.D

Acq: 19 Dec 2024 16:05

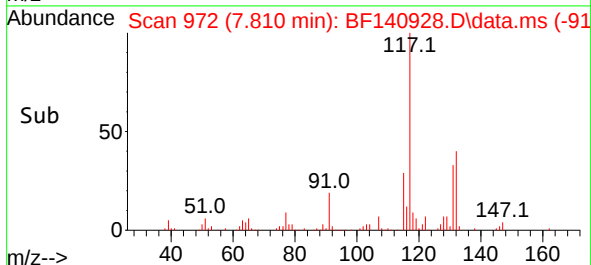
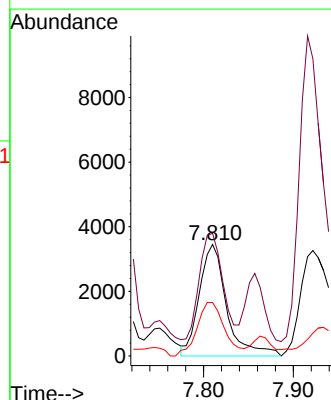
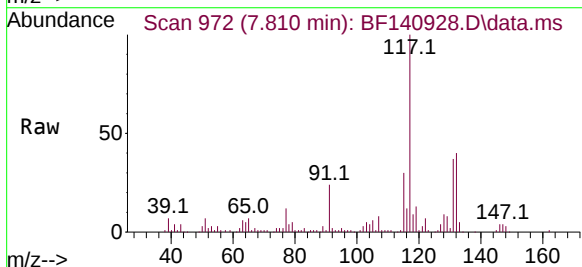
Tgt Ion:122 Resp: 7300

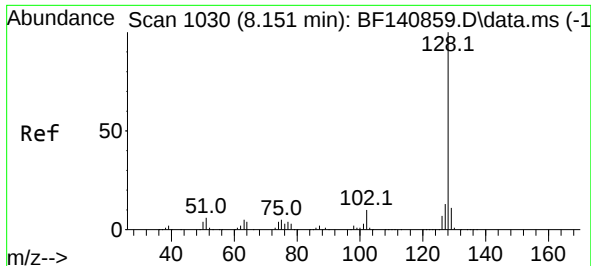
Ion Ratio Lower Upper

122 100

107 109.9 92.6 139.0

121 48.0 45.8 68.8



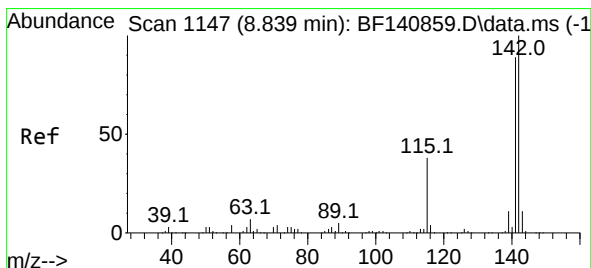
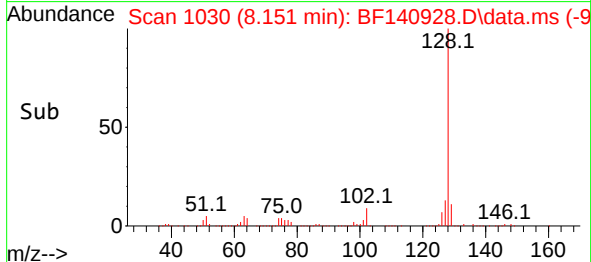
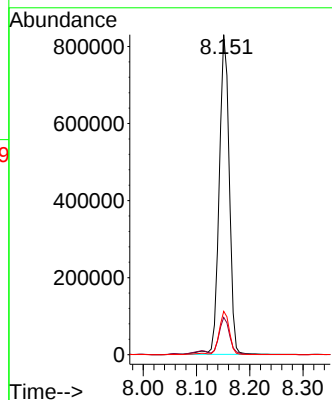
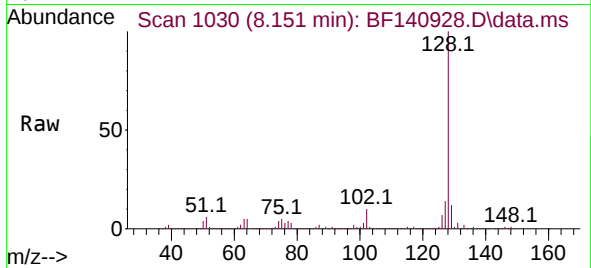


#31
Naphthalene
Concen: 101.501 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

Tgt Ion:128 Resp: 1085620

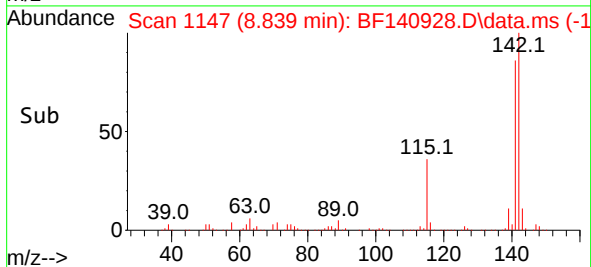
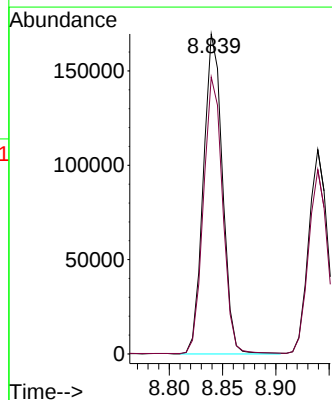
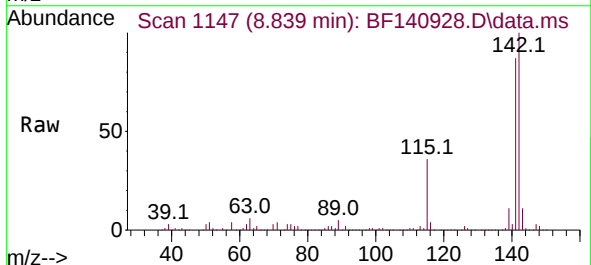
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.6	10.6	16.0

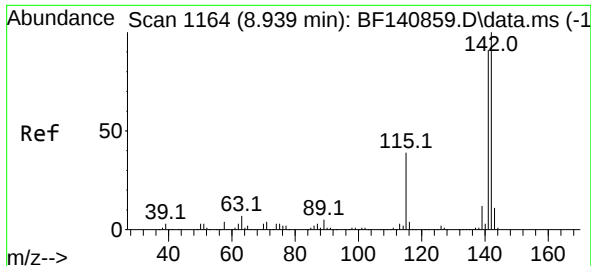


#37
2-Methylnaphthalene
Concen: 29.890 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:142 Resp: 211474

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.0	106.6

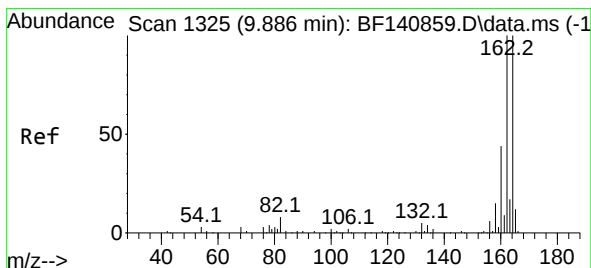
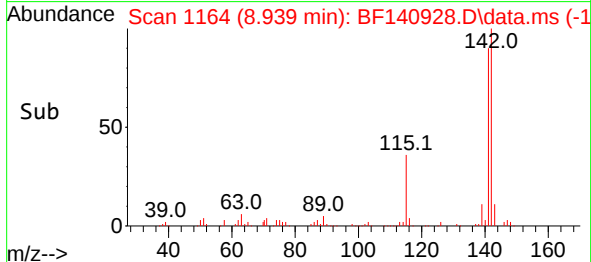
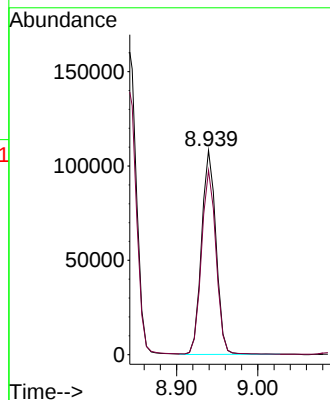
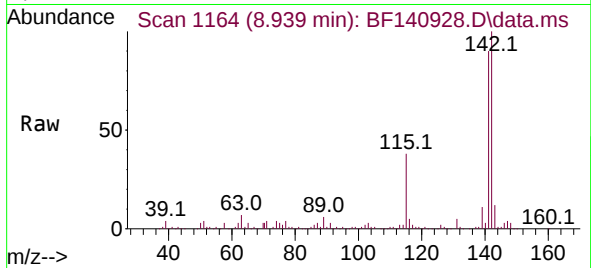




#38
1-Methylnaphthalene
Concen: 19.121 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

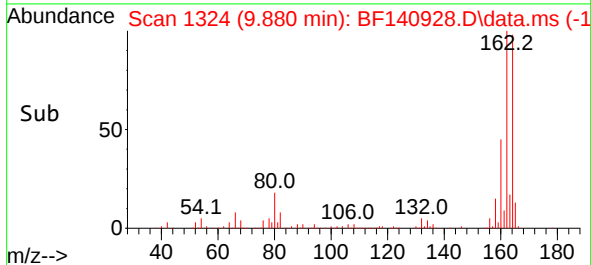
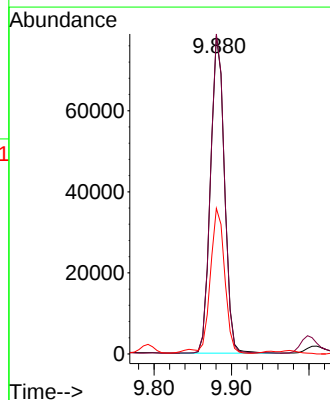
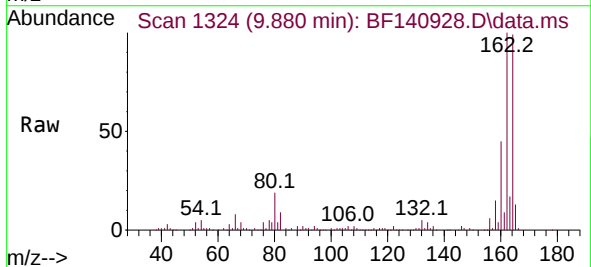
Instrument :
BNA_F
ClientSampleId :
MW2-20241213

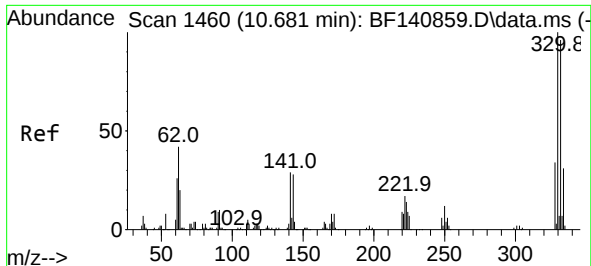
Tgt Ion:142 Resp: 133791
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

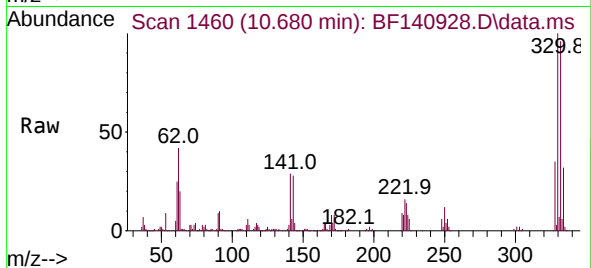
Tgt Ion:164 Resp: 97803
Ion Ratio Lower Upper
164 100
162 100.5 79.9 119.9
160 45.7 35.2 52.8



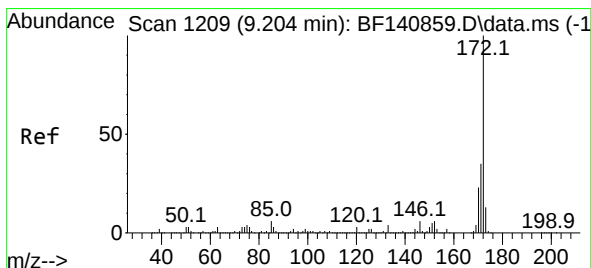
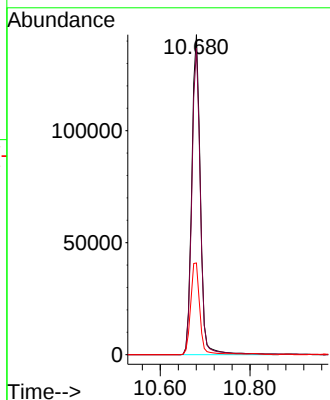
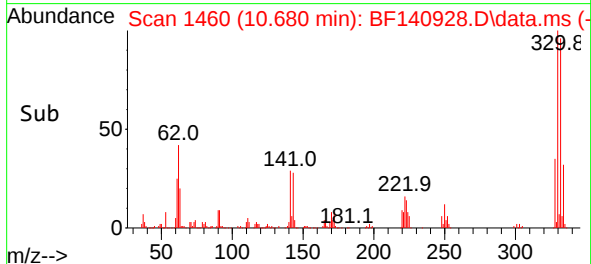


#42
2,4,6-Tribromophenol
Concen: 164.403 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20241213

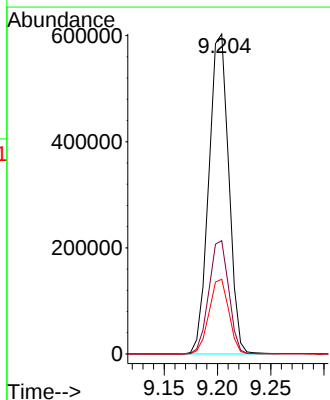
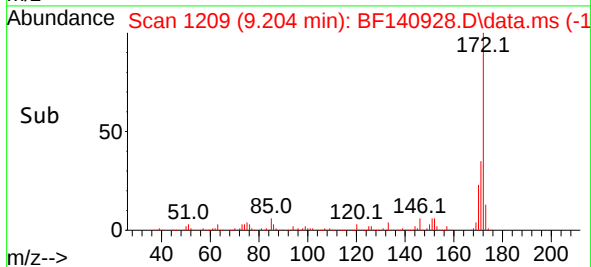
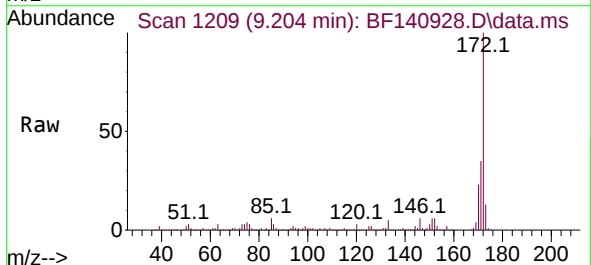


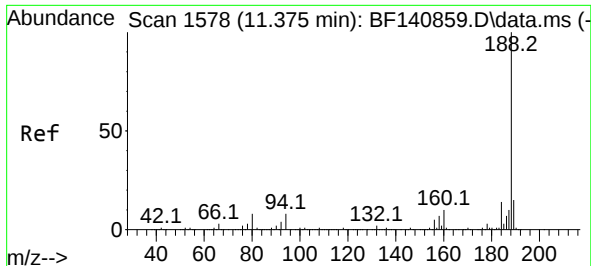
Tgt Ion:330 Resp: 190170
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 30.6 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 110.278 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

Tgt Ion:172 Resp: 784489
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.6 28.0

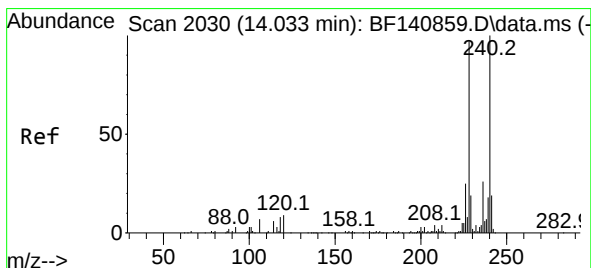
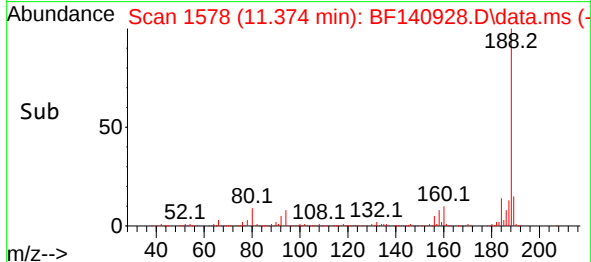
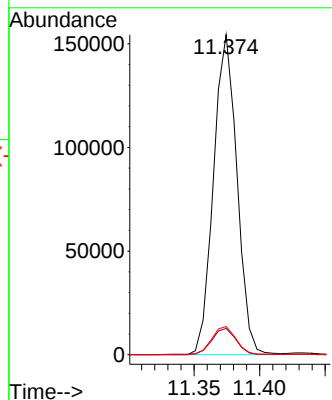
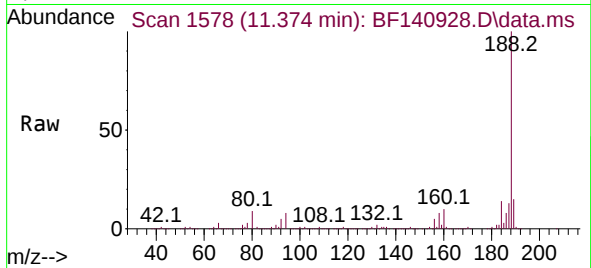




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

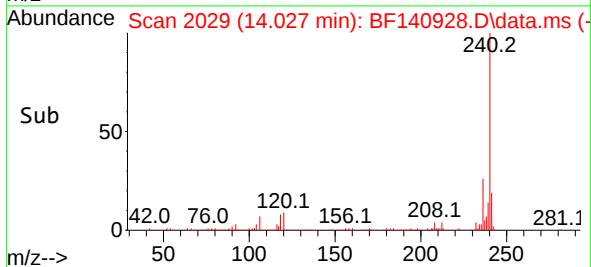
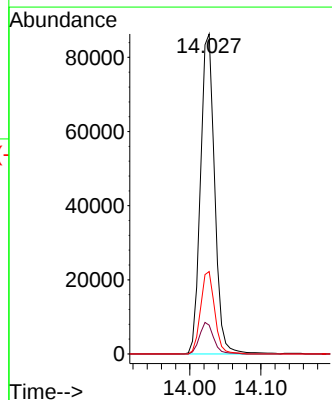
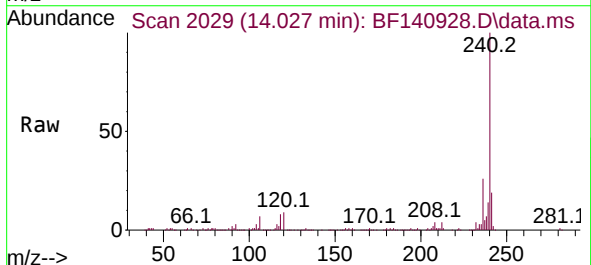
Instrument :
BNA_F
ClientSampleId :
MW2-20241213

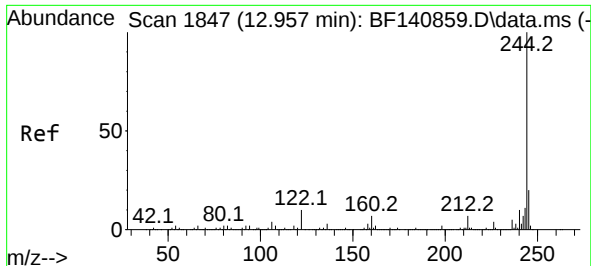
Tgt Ion:188 Resp: 191963
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140928.D
Acq: 19 Dec 2024 16:05

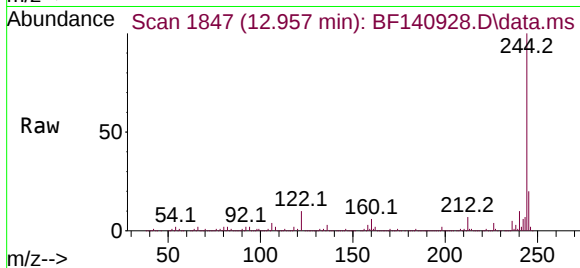
Tgt Ion:240 Resp: 119938
Ion Ratio Lower Upper
240 100
120 9.0 7.6 11.4
236 25.7 20.5 30.7



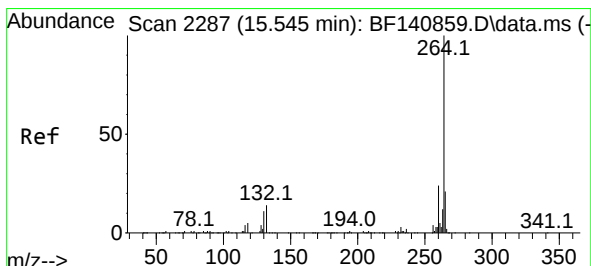
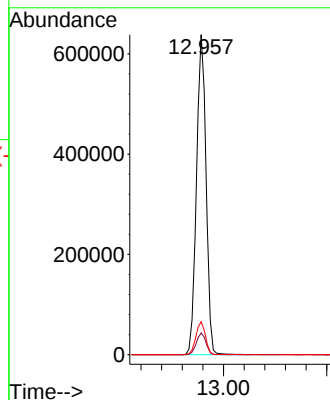
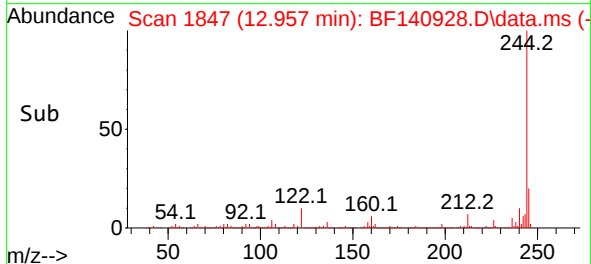


#79
 Terphenyl-d14
 Concen: 107.790 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF140928.D
 Acq: 19 Dec 2024 16:05

Instrument :
 BNA_F
 ClientSampleId :
 MW2-20241213



Tgt Ion:244 Resp: 819862
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.030 min
 Lab File: BF140928.D
 Acq: 19 Dec 2024 16:05

Tgt Ion:264 Resp: 149451
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 19.6 17.0 25.4

