

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138405.D
 Acq On : 01 Jul 2024 16:05
 Operator : CG\JU
 Sample : P3119-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2-20240627

Quant Time: Jul 01 16:53:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

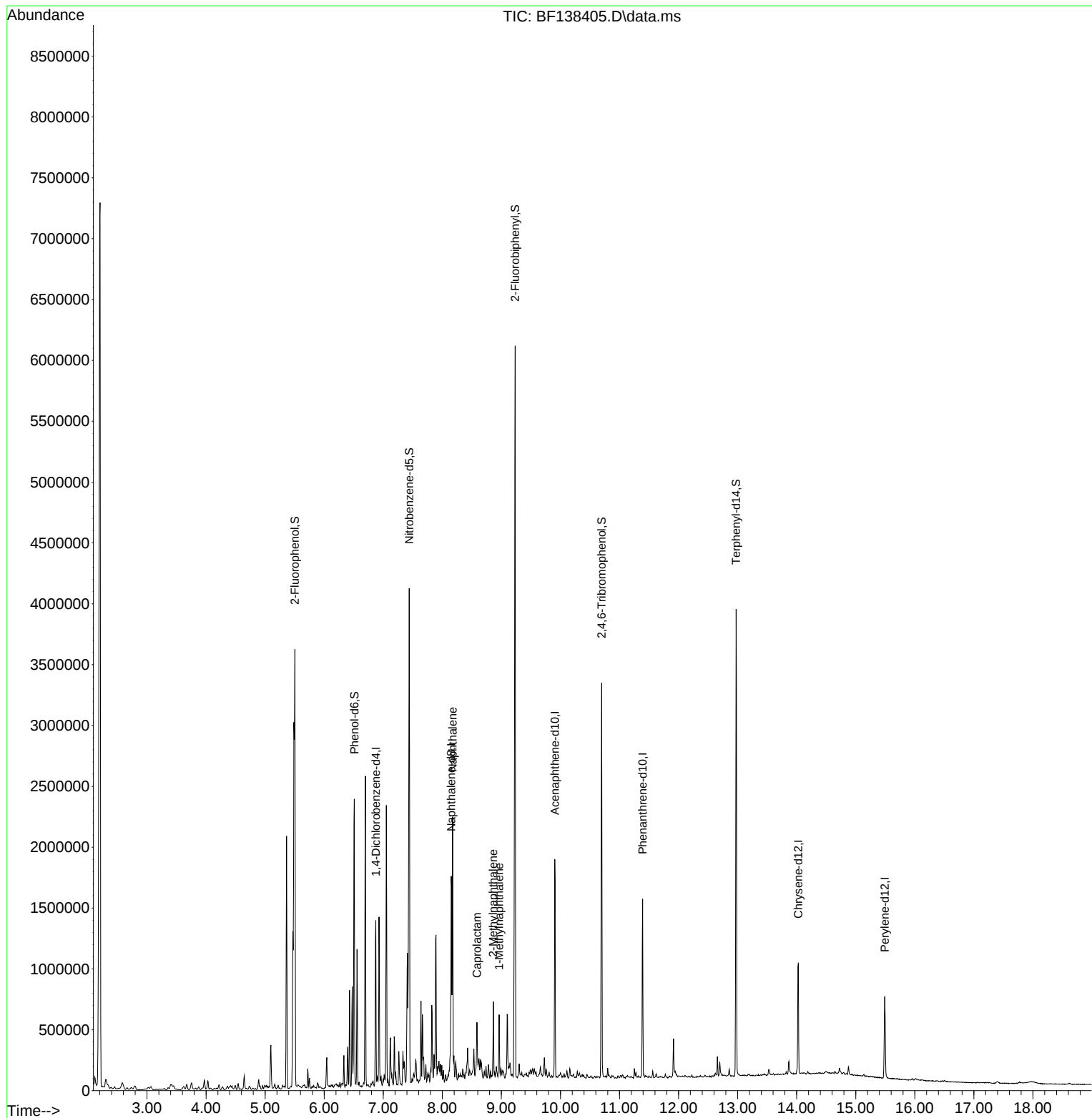
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	184159	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	721627	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	365632	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	496878	20.000	ng	0.00
76) Chrysene-d12	14.027	240	307478	20.000	ng	0.00
86) Perylene-d12	15.492	264	294064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	854374	76.918	ng	0.00
7) Phenol-d6	6.510	99	748994	50.056	ng	0.00
23) Nitrobenzene-d5	7.439	82	1242947	89.476	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	360618	120.719	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1914207	83.318	ng	0.00
79) Terphenyl-d14	12.974	244	1361581	60.685	ng	0.00
Target Compounds						
31) Naphthalene	8.175	128	763454	20.928	ng	Qvalue 99
35) Caprolactam	8.586	113	26237	8.294	ng	# 82
37) 2-Methylnaphthalene	8.863	142	138960	5.894	ng	99
38) 1-Methylnaphthalene	8.963	142	100017	4.374	ng	98

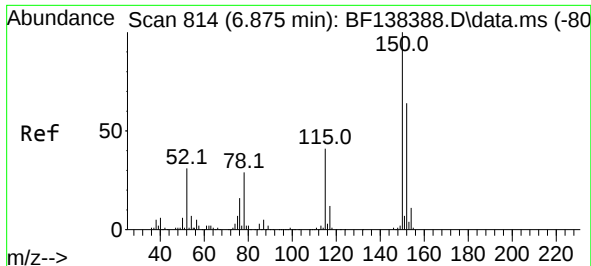
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138405.D
Acq On : 01 Jul 2024 16:05
Operator : CG\JU
Sample : P3119-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

Quant Time: Jul 01 16:53:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

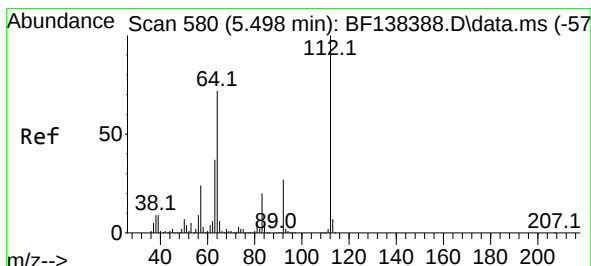
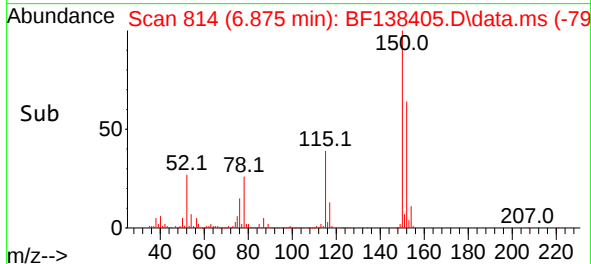
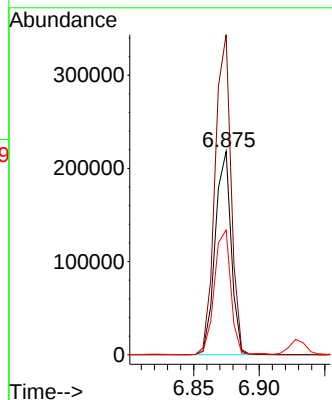
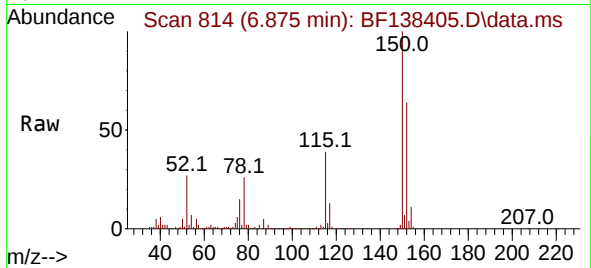




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

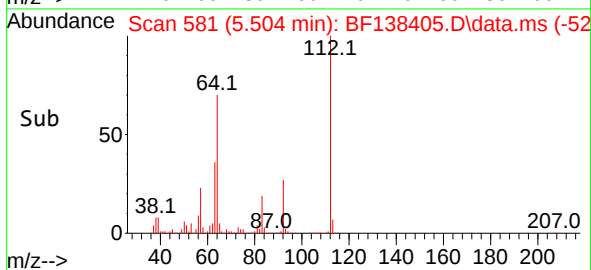
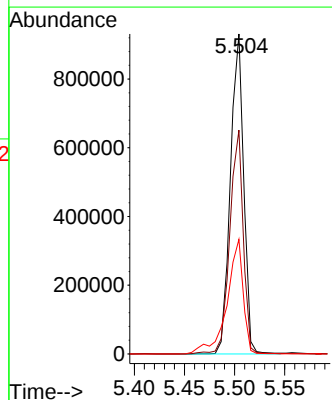
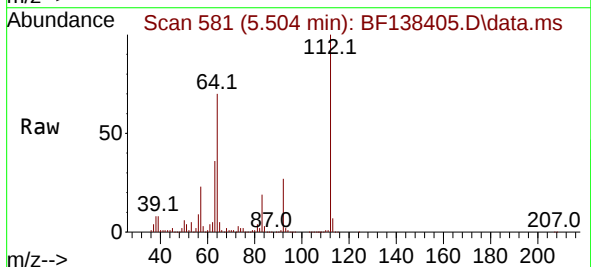
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

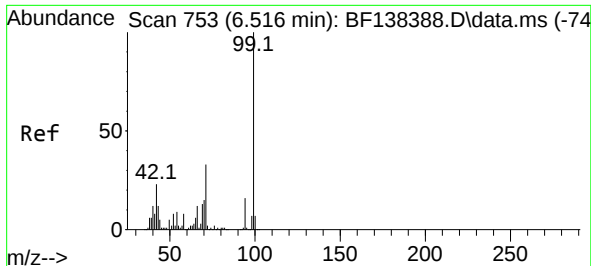
Tgt Ion:152 Resp: 184159
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 61.3 50.8 76.2



#5
2-Fluorophenol
Concen: 76.918 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:112 Resp: 854374
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 35.8 29.4 44.0

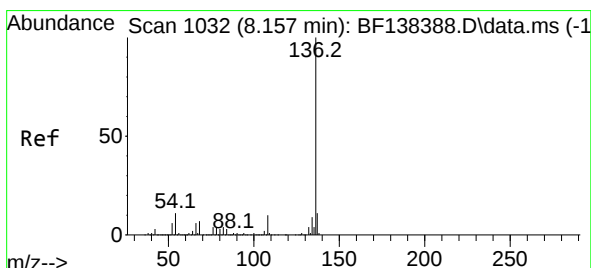
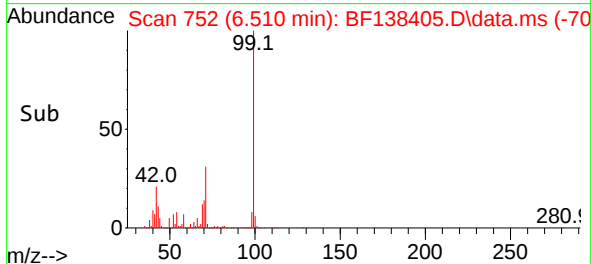
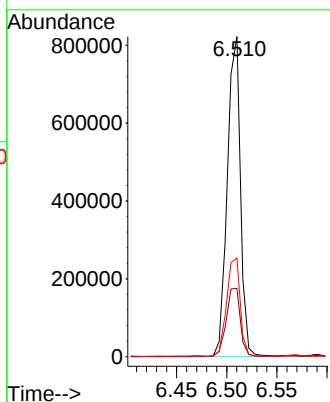
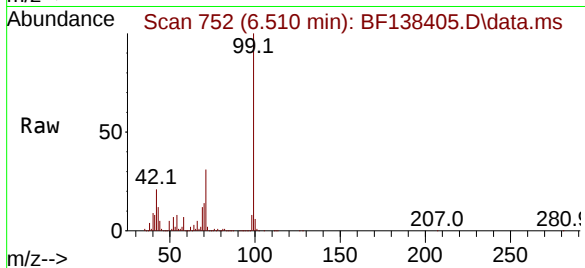




#7
Phenol-d6
Concen: 50.056 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

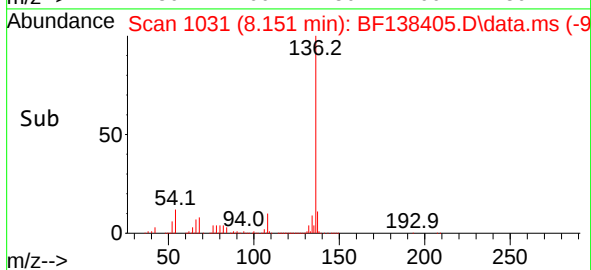
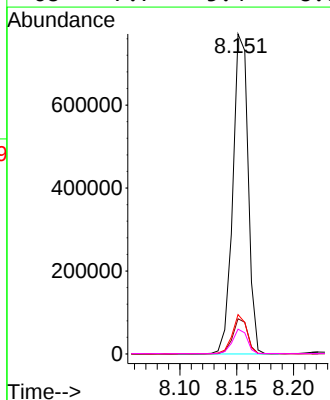
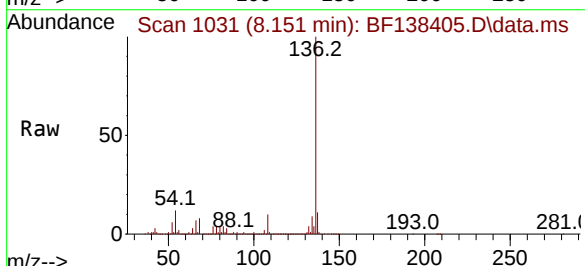
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

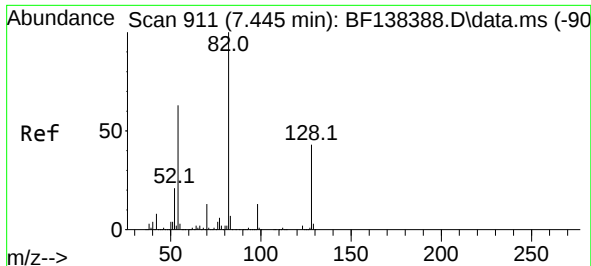
Tgt Ion: 99 Resp: 748994
Ion Ratio Lower Upper
99 100
42 21.4 18.5 27.7
71 30.9 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion: 136 Resp: 721627
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.3 9.0 13.4
68 7.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 89.476 ng

RT: 7.439 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Instrument :

BNA_F

ClientSampleId :

MW2-20240627

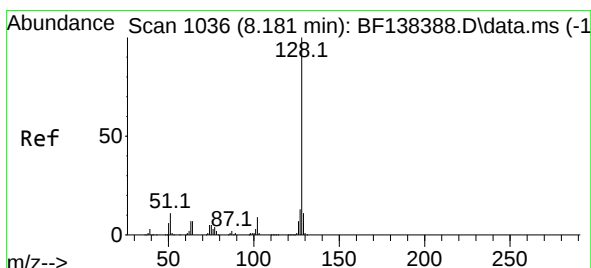
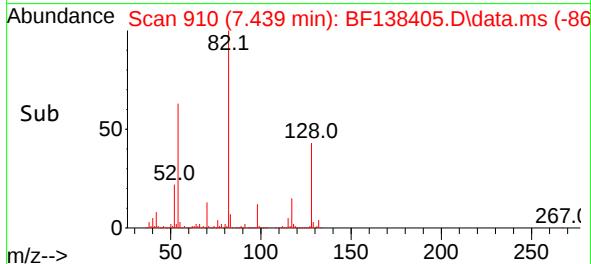
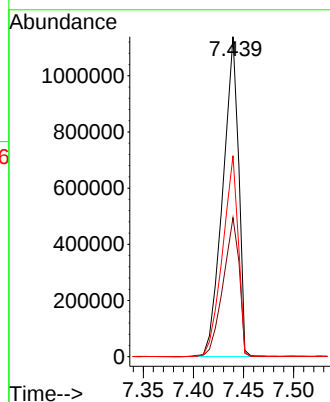
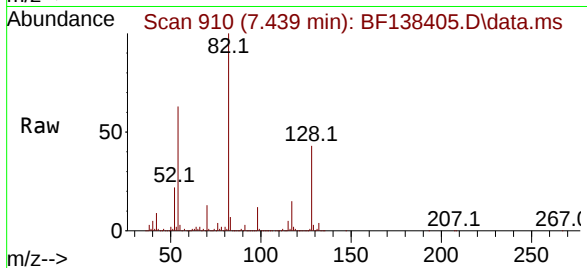
Tgt Ion: 82 Resp: 1242947

Ion Ratio Lower Upper

82 100

128 43.4 34.6 52.0

54 62.8 50.5 75.7



#31

Naphthalene

Concen: 20.928 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

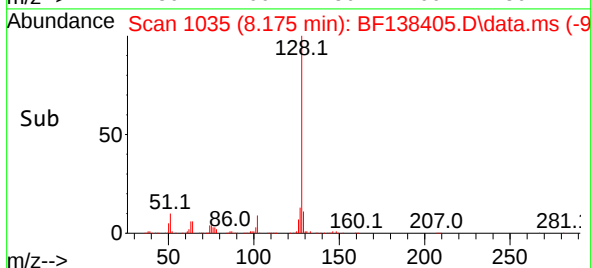
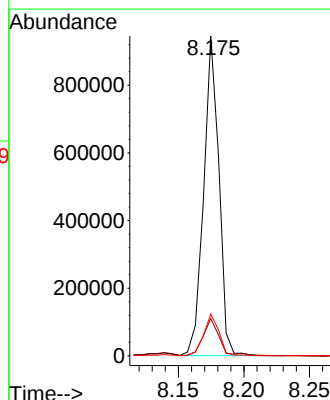
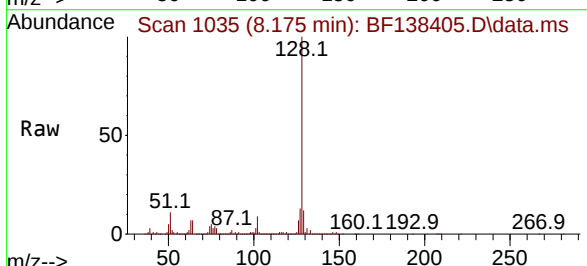
Tgt Ion: 128 Resp: 763454

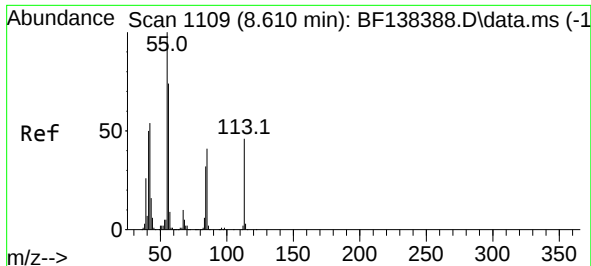
Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

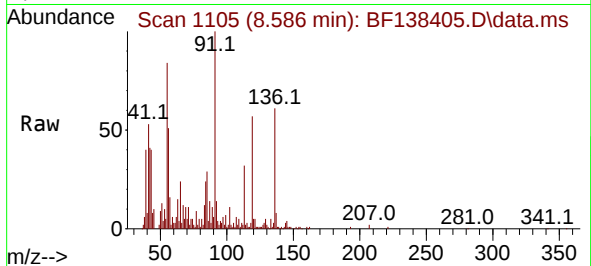
127 13.0 10.6 16.0



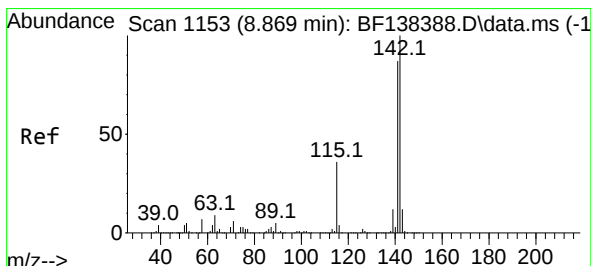
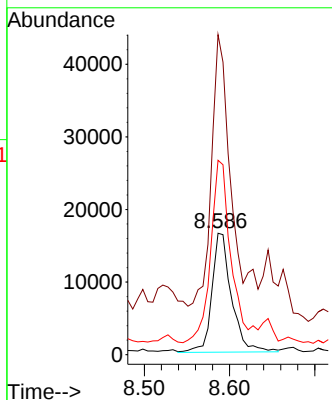
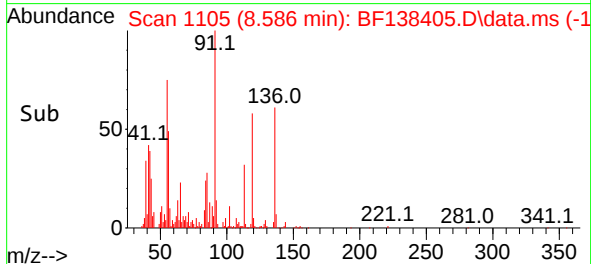


#35
Caprolactam
Concen: 8.294 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.024 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Instrument :
BNA_F
ClientSampleId :
MW2-20240627

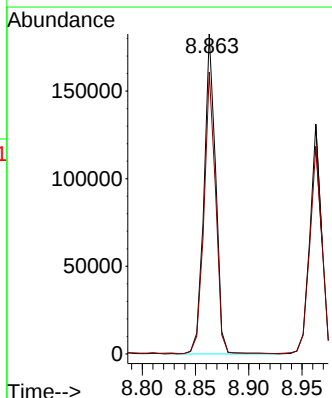
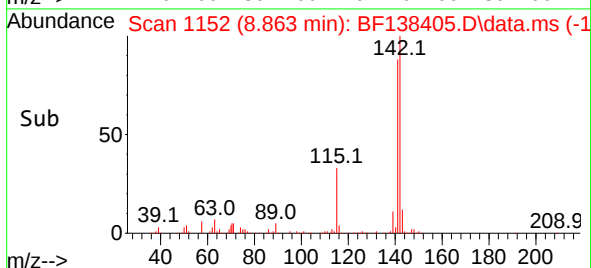
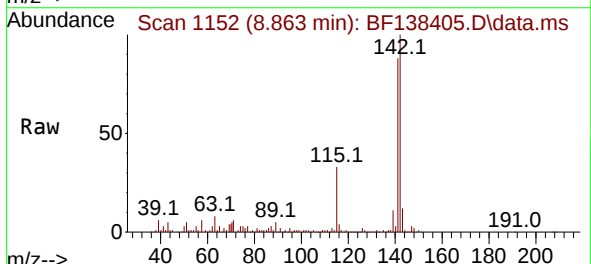


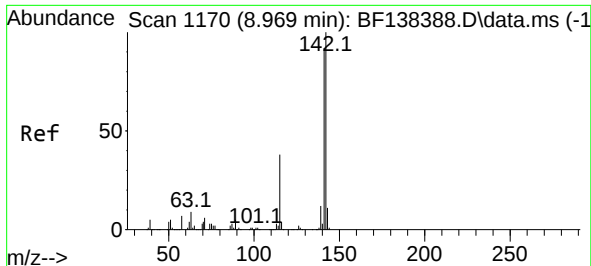
Tgt Ion:113 Resp: 26237
Ion Ratio Lower Upper
113 100
55 263.5 195.9 235.9#
56 160.1 138.7 178.7



#37
2-Methylnaphthalene
Concen: 5.894 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:142 Resp: 138960
Ion Ratio Lower Upper
142 100
141 88.1 69.6 104.4

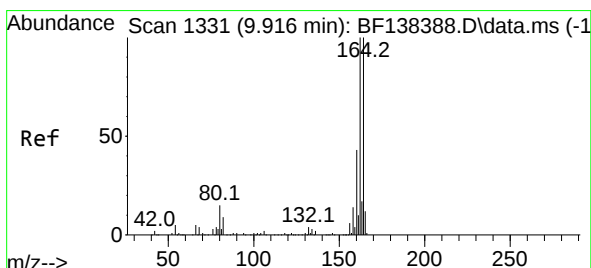
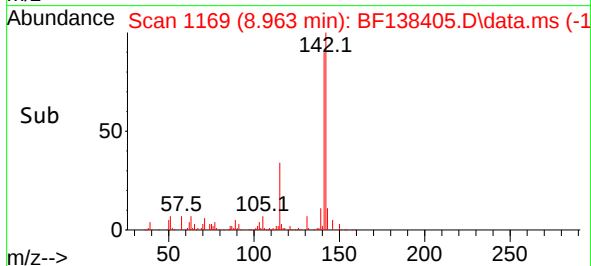
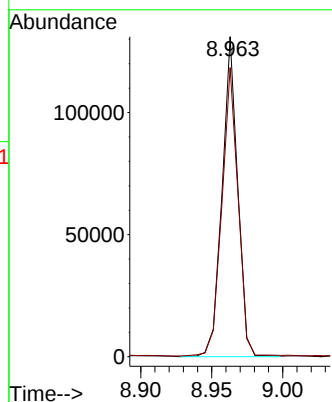
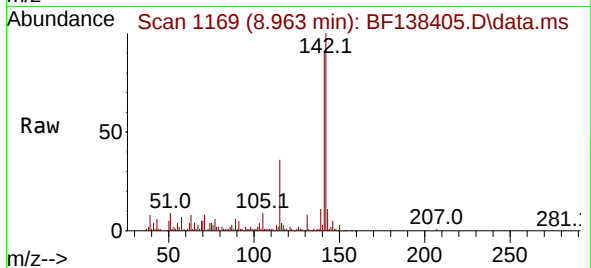




#38
1-Methylnaphthalene
Concen: 4.374 ng
RT: 8.963 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

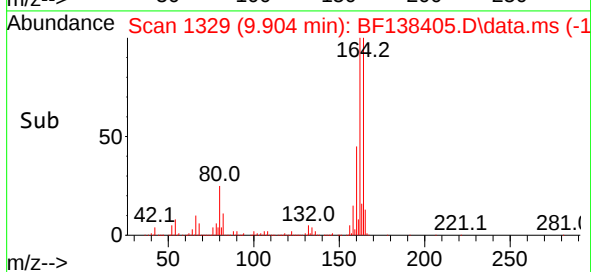
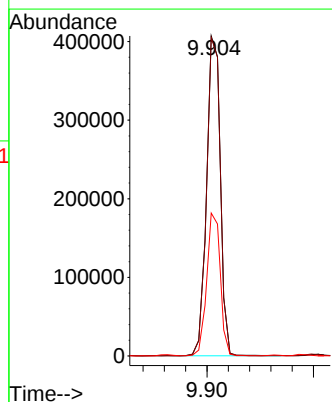
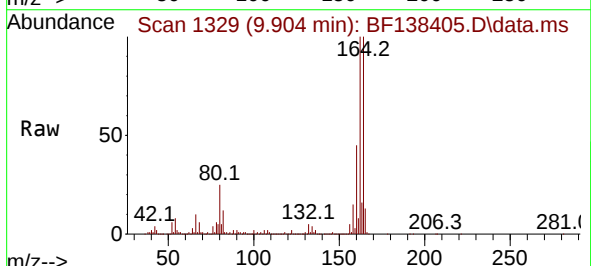
Instrument : BNA_F
ClientSampleId : MW2-20240627

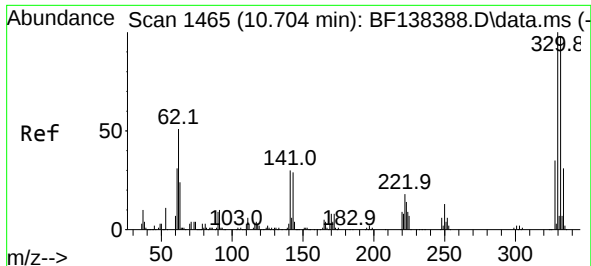
Tgt Ion:142 Resp: 100017
Ion Ratio Lower Upper
142 100
141 90.4 73.7 110.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:164 Resp: 365632
Ion Ratio Lower Upper
164 100
162 99.6 80.1 120.1
160 44.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 120.719 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Instrument :

BNA_F

ClientSampleId :

MW2-20240627

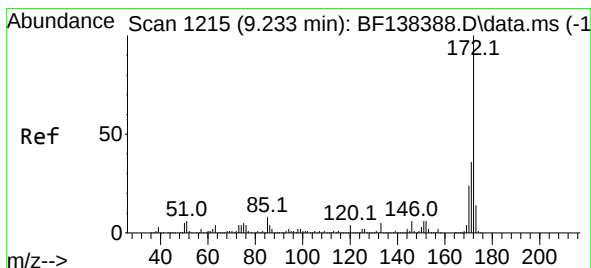
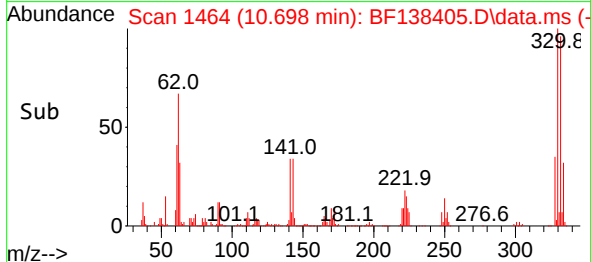
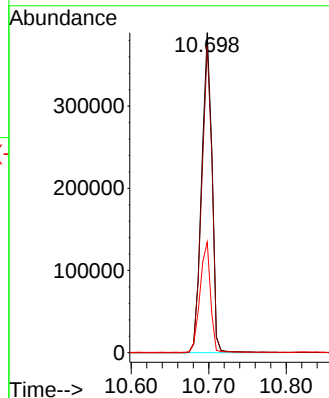
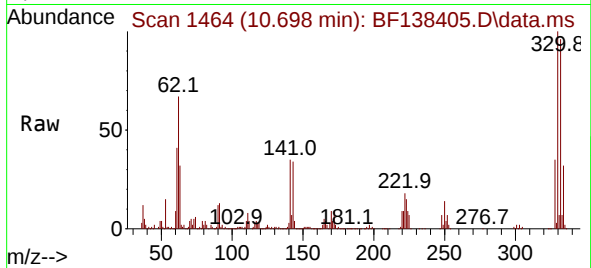
Tgt Ion:330 Resp: 360618

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 34.8 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 83.318 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

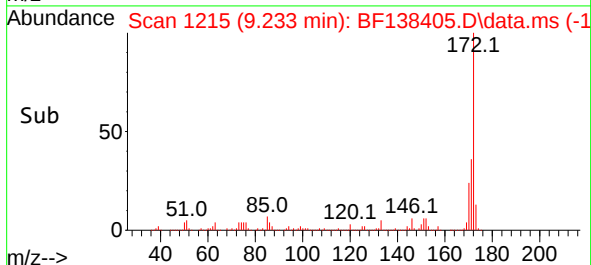
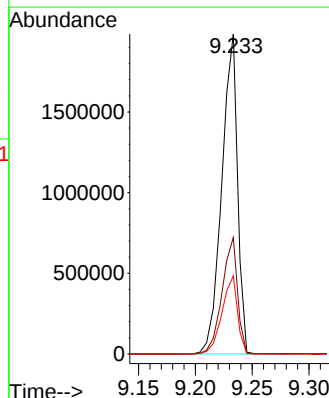
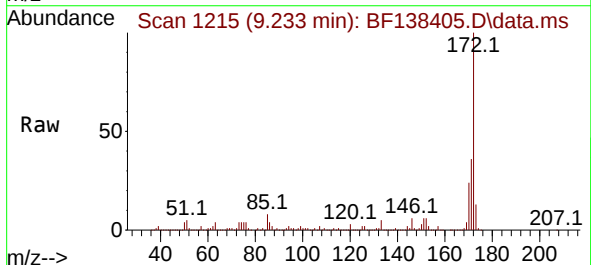
Tgt Ion:172 Resp: 1914207

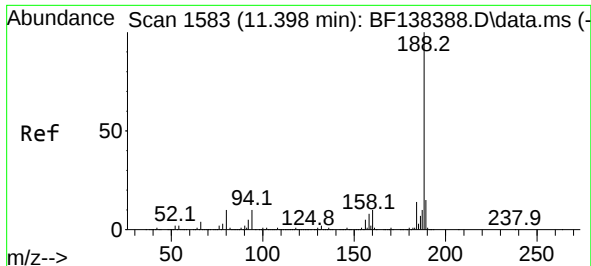
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.4 19.0 28.6

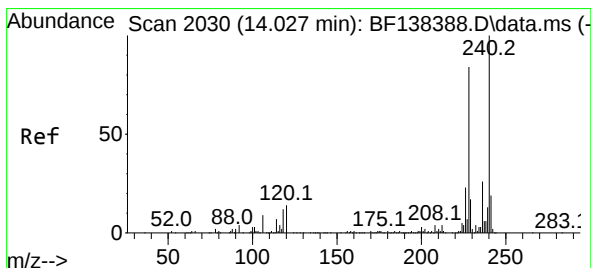
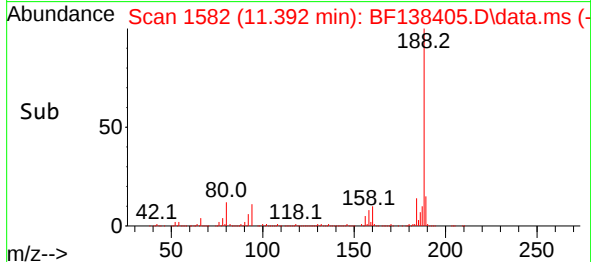
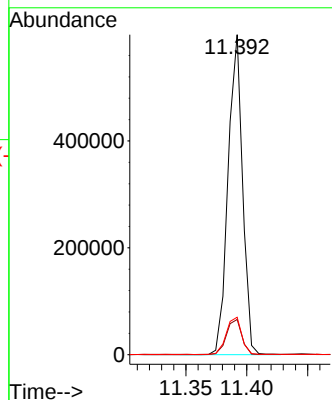
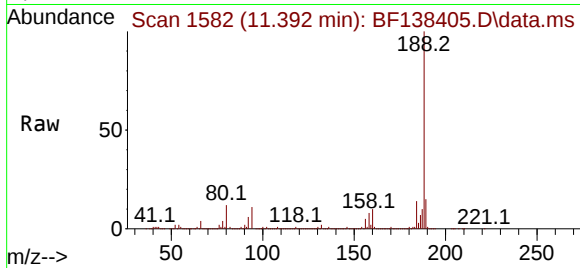




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

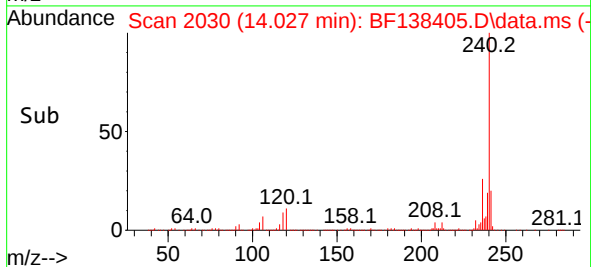
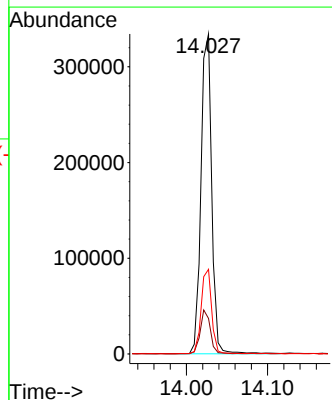
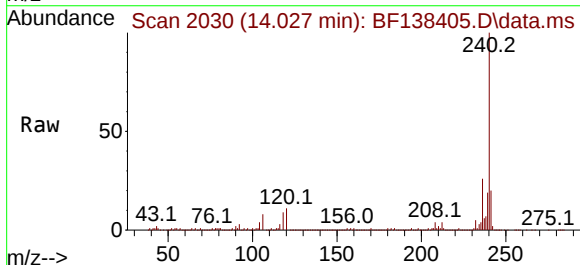
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

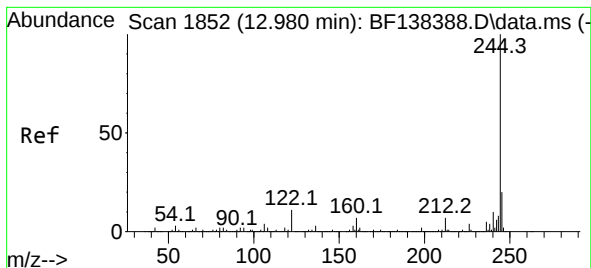
Tgt Ion:188 Resp: 496878
Ion Ratio Lower Upper
188 100
94 11.0 8.0 12.0
80 11.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:240 Resp: 307478
Ion Ratio Lower Upper
240 100
120 11.1 10.9 16.3
236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 60.685 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Instrument :

BNA_F

ClientSampleId :

MW2-20240627

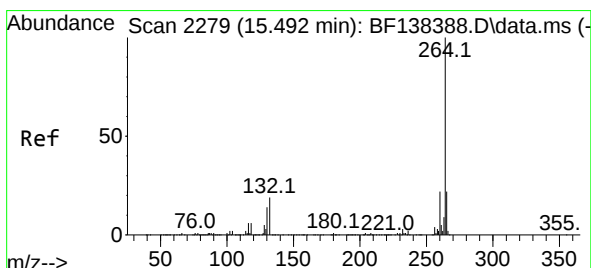
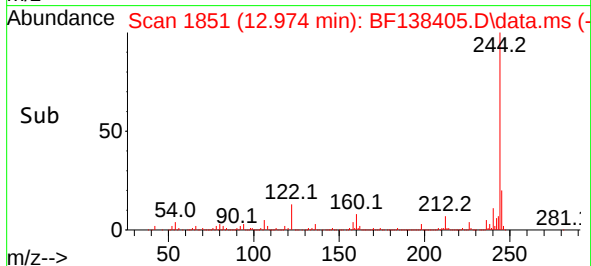
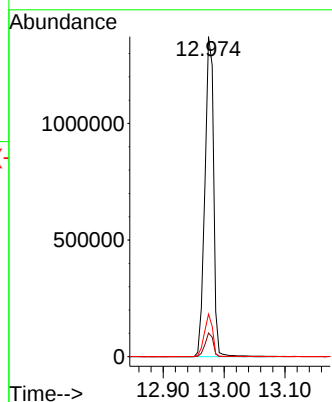
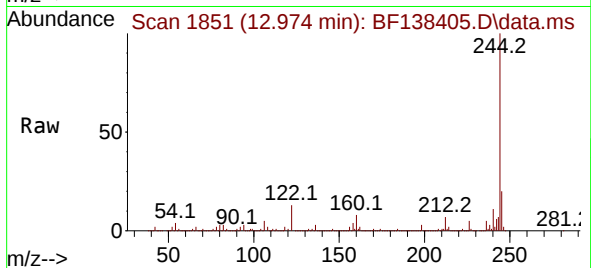
Tgt Ion:244 Resp: 1361581

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 13.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Tgt Ion:264 Resp: 294064

Ion Ratio Lower Upper

264 100

260 23.7 17.8 26.6

265 22.2 17.5 26.3

