

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136996.D
 Acq On : 08 Jan 2024 14:17
 Operator : CG\JU
 Sample : P1038-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jan 08 14:38:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

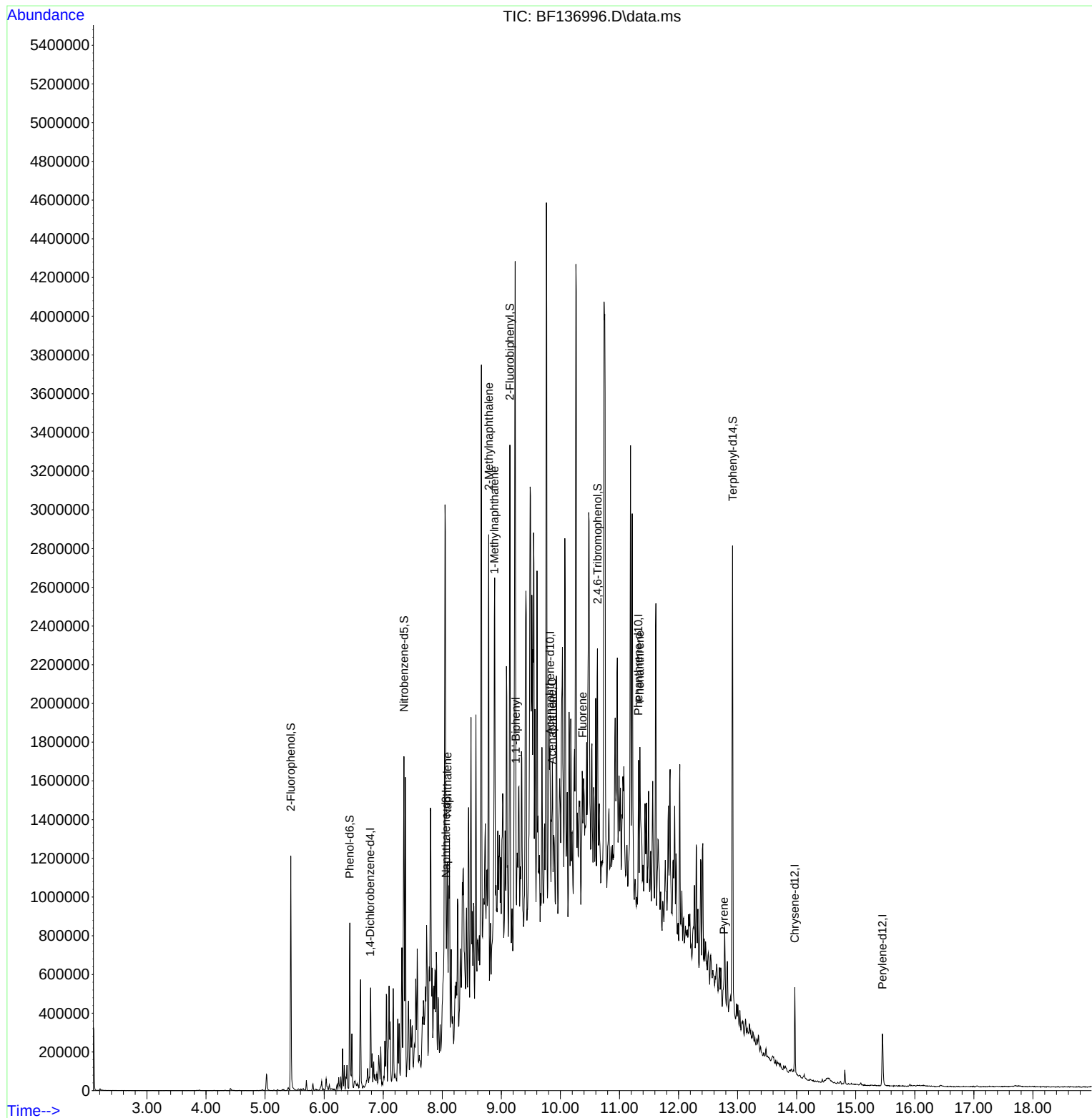
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60689	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	212800	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	109056	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	192538	20.000	ng	0.00
76) Chrysene-d12	13.969	240	145074	20.000	ng	0.00
86) Perylene-d12	15.451	264	136167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	314426	80.837	ng	0.00
7) Phenol-d6	6.434	99	282903	56.132	ng	0.00
23) Nitrobenzene-d5	7.351	82	465662	111.976	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	185944	144.774	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	883968	109.020	ng	0.00
79) Terphenyl-d14	12.916	244	899672	86.664	ng	0.00
Target Compounds						
31) Naphthalene	8.087	128	201718	17.255	ng	Qvalue # 96
37) 2-Methylnaphthalene	8.787	142	722664	96.051	ng	99
38) 1-Methylnaphthalene	8.881	142	450496	61.031	ng	100
46) 1,1'-Biphenyl	9.245	154	115531	12.624	ng	98
52) Acenaphthene	9.857	154	51217	7.770	ng	# 82
58) Fluorene	10.375	166	82644	10.424	ng	# 82
71) Phenanthrene	11.345	178	270913	27.422	ng	# 96
78) Pyrene	12.769	202	57453	4.034	ng	95

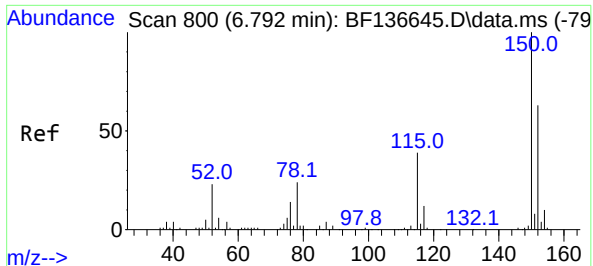
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: Jan 08 14:38:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

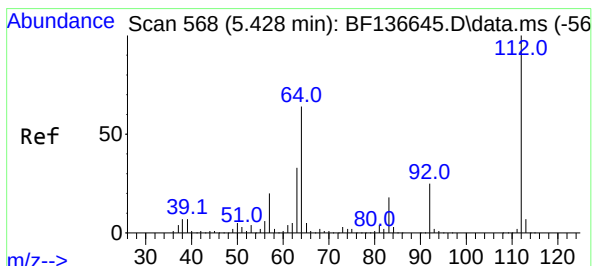
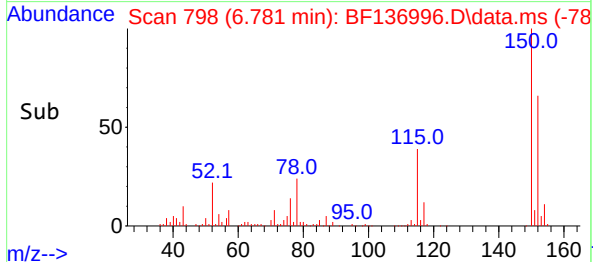
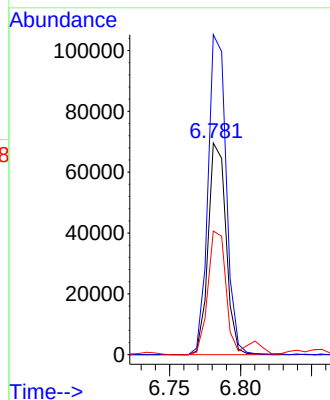
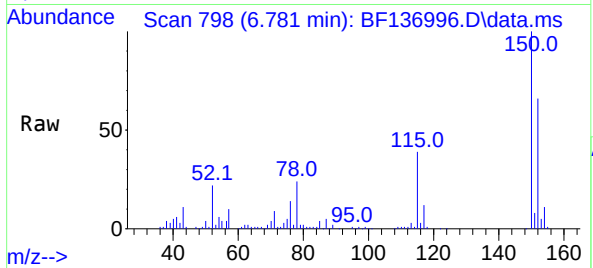




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

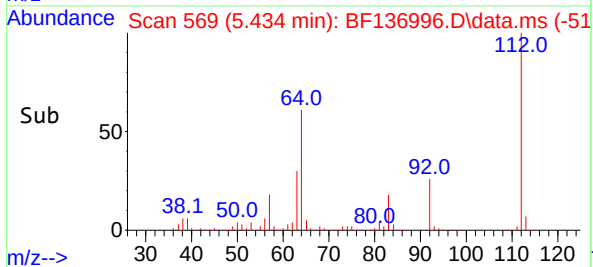
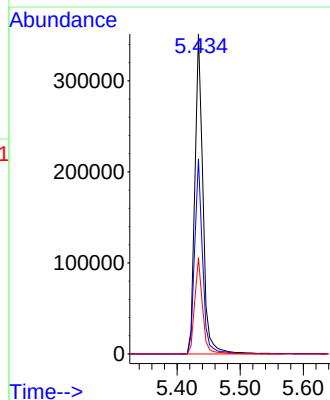
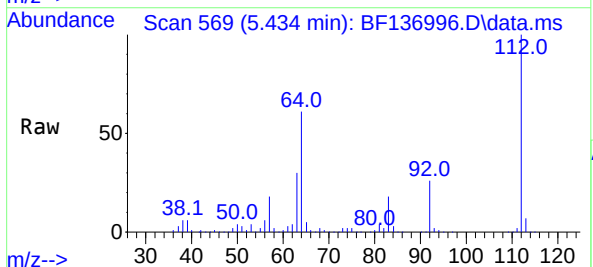
Instrument :
BNA_F
ClientSampleId :
MW-2

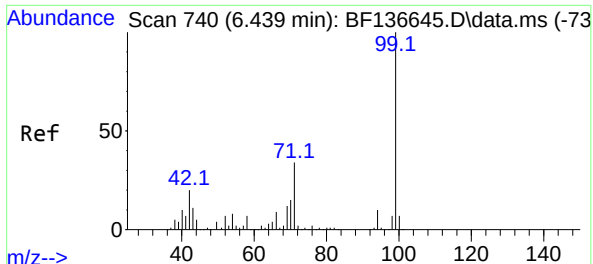
Tgt Ion:152 Resp: 60689
Ion Ratio Lower Upper
152 100
150 151.2 127.0 190.6
115 58.4 49.0 73.4



#5
2-Fluorophenol
Concen: 80.837 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

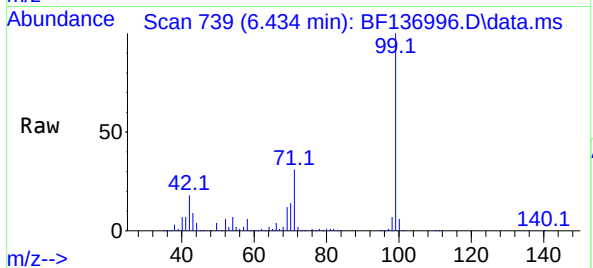
Tgt Ion:112 Resp: 314426
Ion Ratio Lower Upper
112 100
64 60.9 51.1 76.7
63 30.1 26.1 39.1



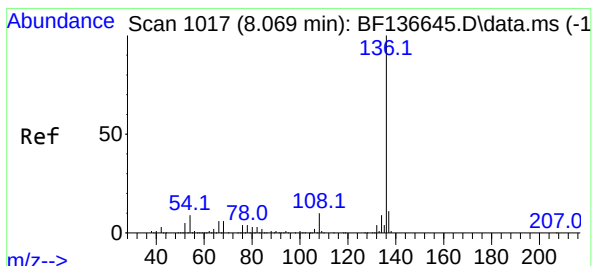
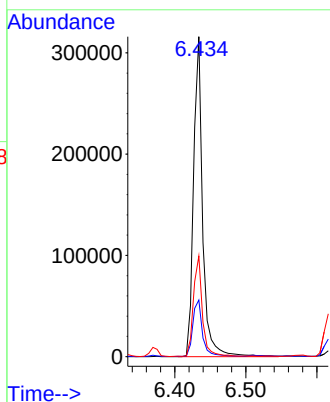
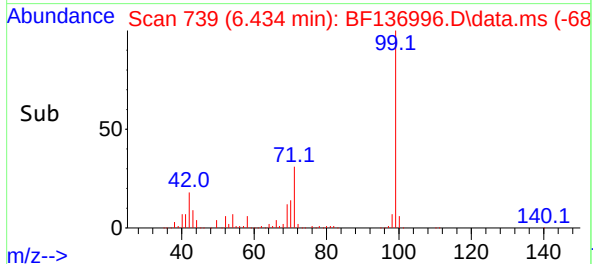


#7
Phenol-d6
Concen: 56.132 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

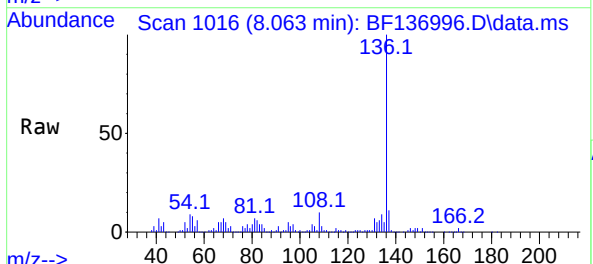
Instrument :
BNA_F
ClientSampleId :
MW-2



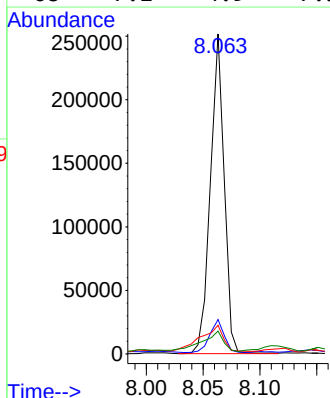
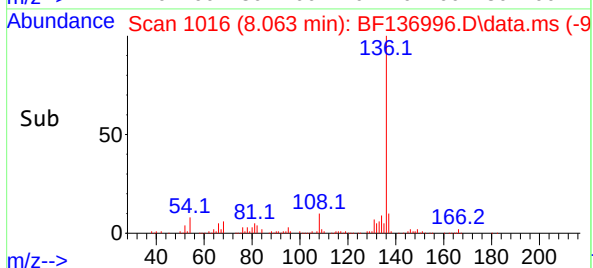
Tgt Ion: 99 Resp: 282903
Ion Ratio Lower Upper
99 100
42 17.7 16.1 24.1
71 31.4 27.4 41.2

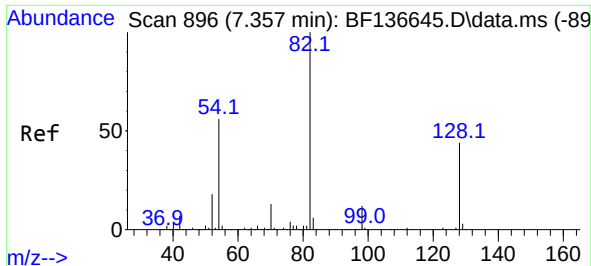


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17



Tgt Ion:136 Resp: 212800
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.0 7.2 10.8
68 7.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 111.976 ng

RT: 7.351 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136996.D

Acq: 08 Jan 2024 14:17

Instrument :

BNA_F

ClientSampleId :

MW-2

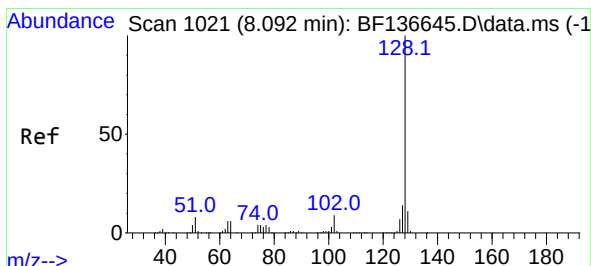
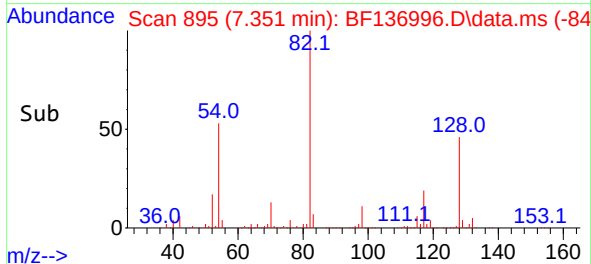
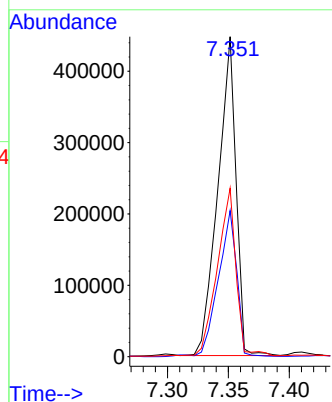
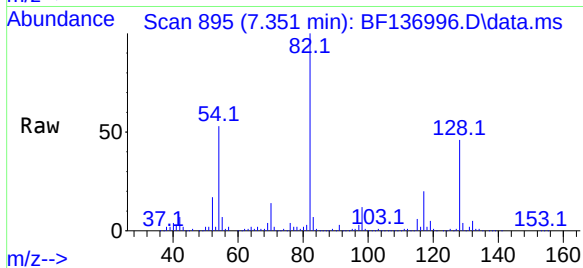
Tgt Ion: 82 Resp: 465662

Ion Ratio Lower Upper

82 100

128 45.7 35.3 52.9

54 52.6 44.5 66.7



#31

Naphthalene

Concen: 17.255 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF136996.D

Acq: 08 Jan 2024 14:17

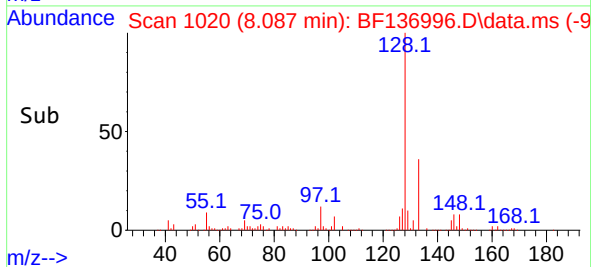
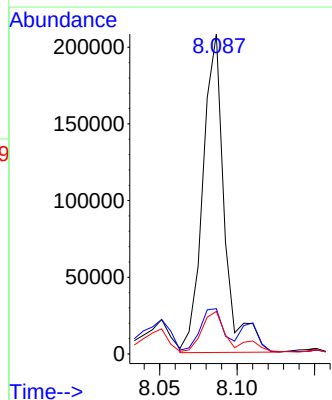
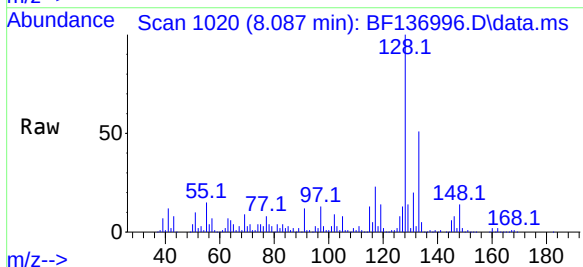
Tgt Ion: 128 Resp: 201718

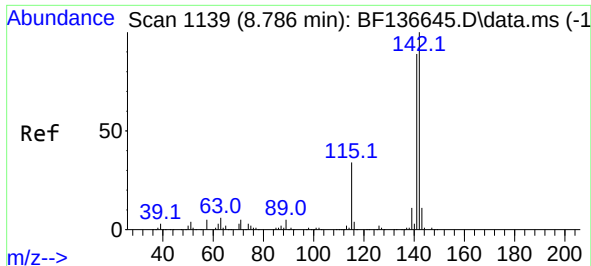
Ion Ratio Lower Upper

128 100

129 14.2 8.7 13.1#

127 13.3 10.8 16.2

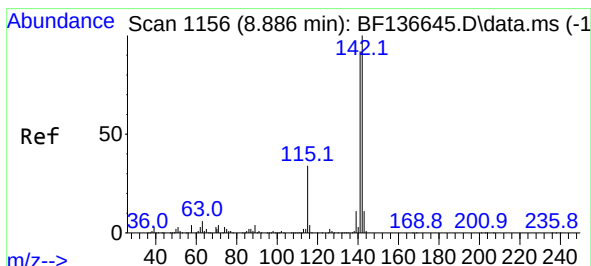
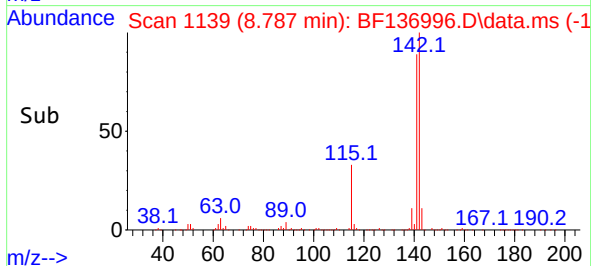
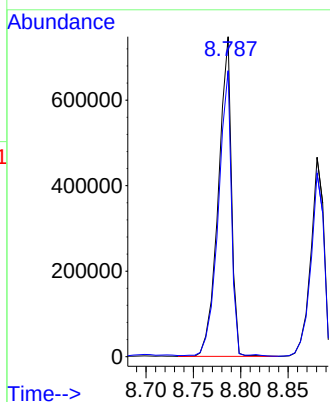
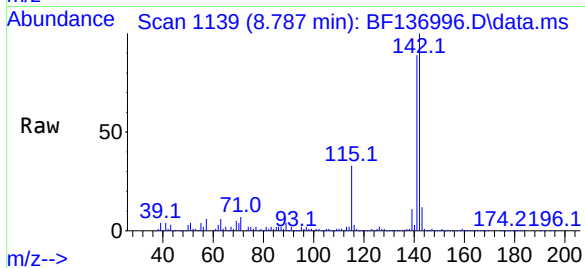




#37
2-Methylnaphthalene
Concen: 96.051 ng
RT: 8.787 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

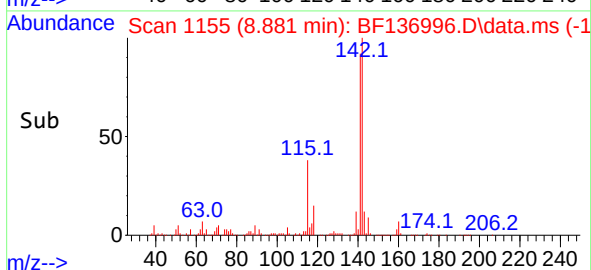
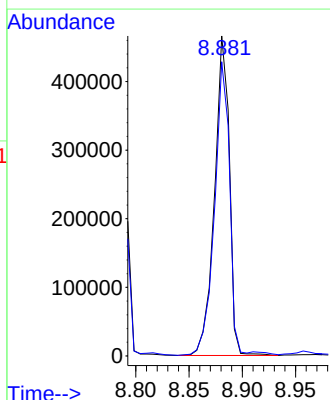
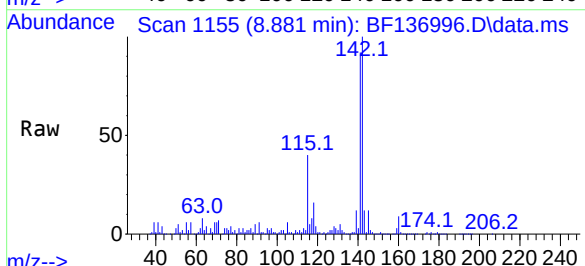
Instrument :
BNA_F
ClientSampleId :
MW-2

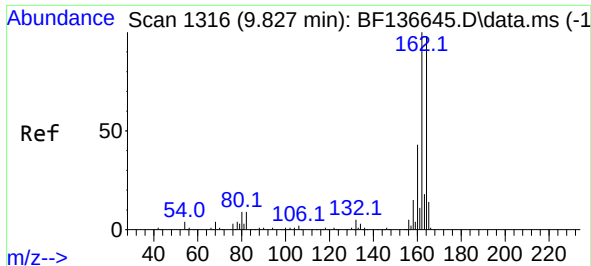
Tgt Ion:142 Resp: 722664
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7



#38
1-Methylnaphthalene
Concen: 61.031 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

Tgt Ion:142 Resp: 450496
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4

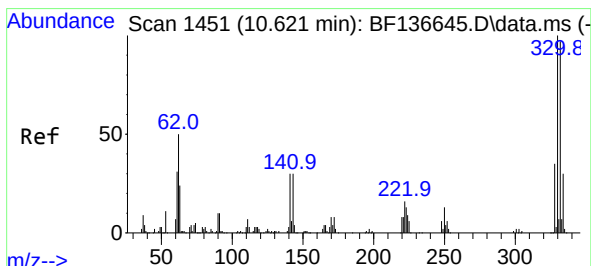
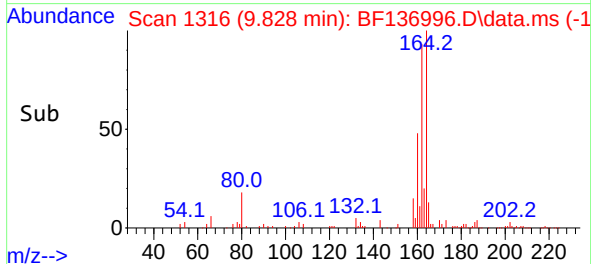
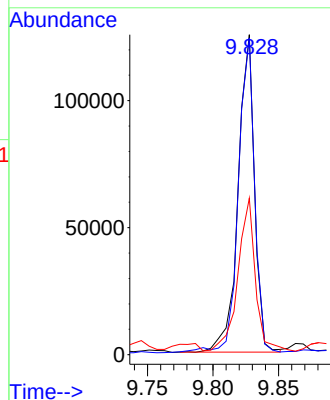
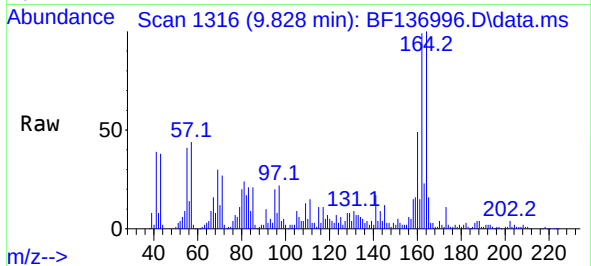




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

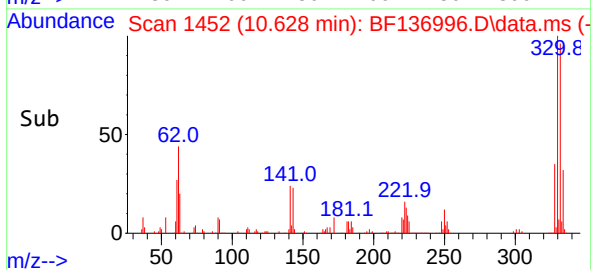
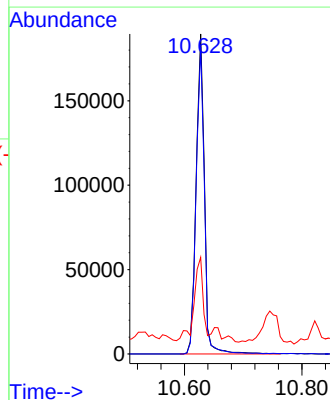
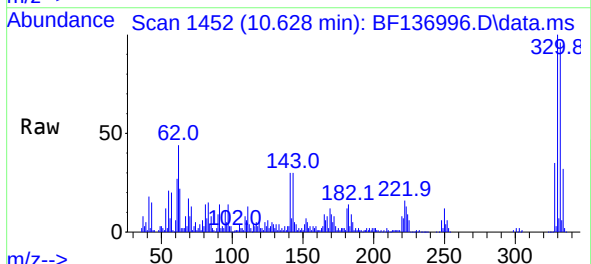
Instrument :
BNA_F
ClientSampleId :
MW-2

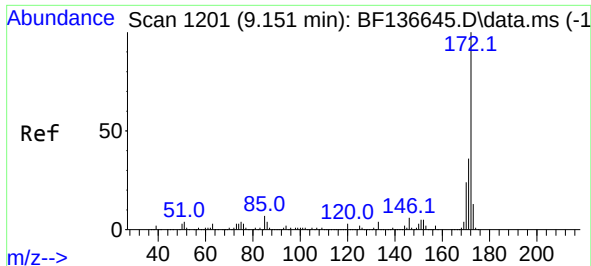
Tgt Ion:164 Resp: 109056
Ion Ratio Lower Upper
164 100
162 99.0 81.6 122.4
160 48.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 144.774 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

Tgt Ion:330 Resp: 185944
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 28.8 23.4 35.2

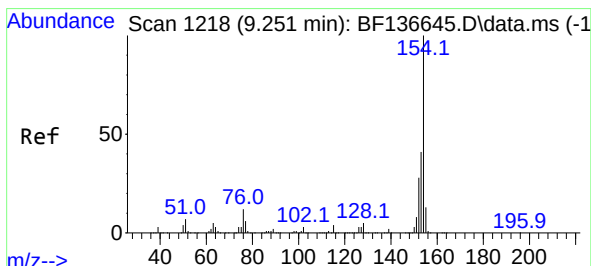
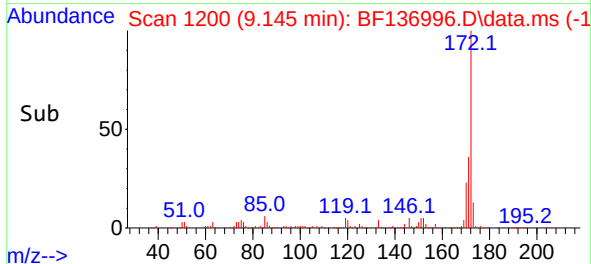
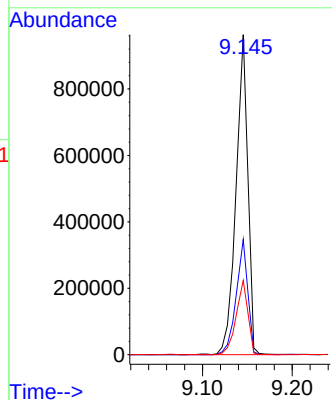
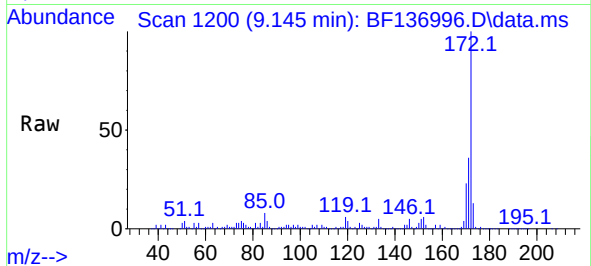




#45
2-Fluorobiphenyl
Concen: 109.020 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

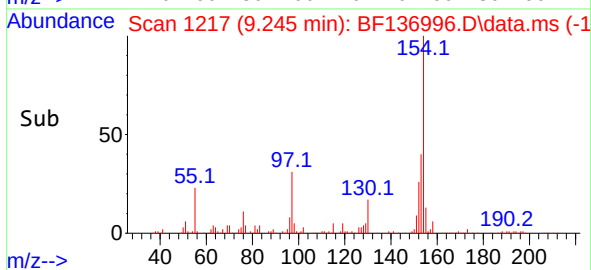
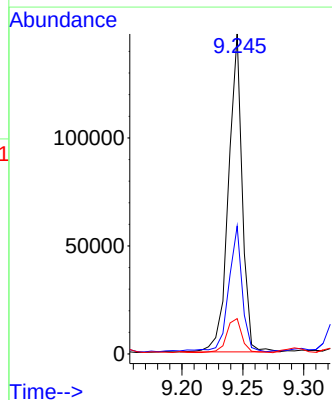
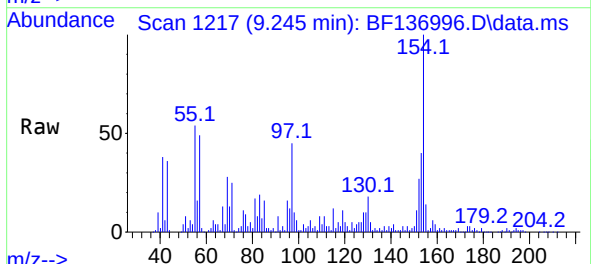
Instrument :
BNA_F
ClientSampleId :
MW-2

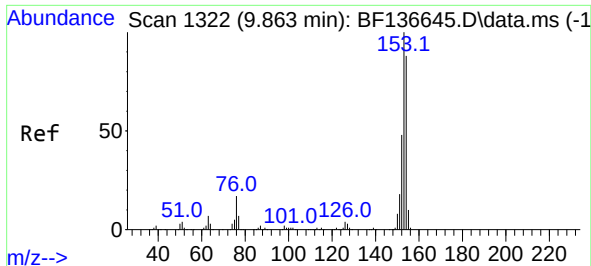
Tgt Ion:172 Resp: 883968
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 12.624 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

Tgt Ion:154 Resp: 115531
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 11.1 0.0 31.7

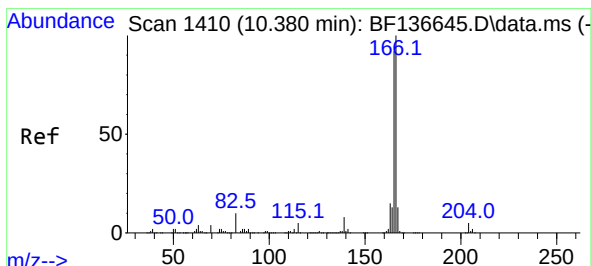
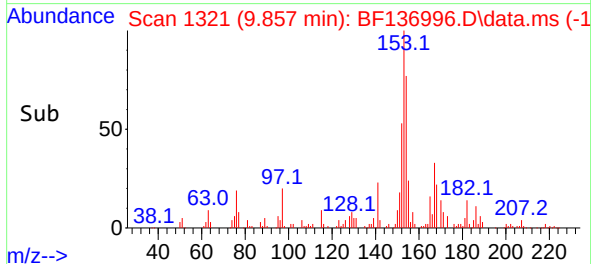
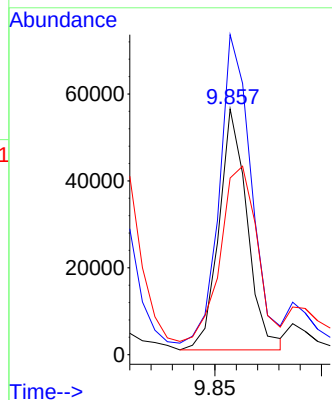
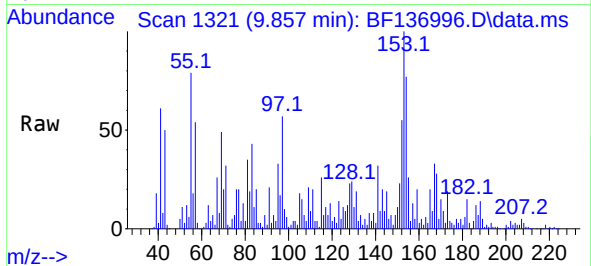




#52
Acenaphthene
Concen: 7.770 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

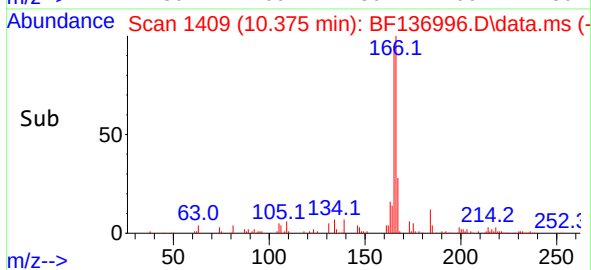
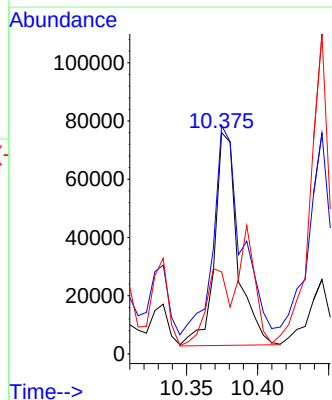
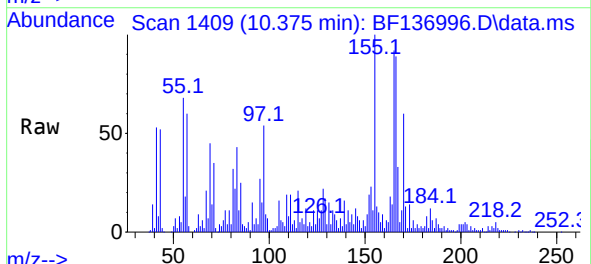
Instrument :
BNA_F
ClientSampleId :
MW-2

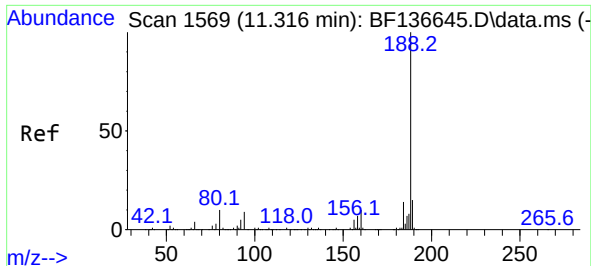
Tgt Ion:154 Resp: 51217
Ion Ratio Lower Upper
154 100
153 130.2 90.7 136.1
152 71.9 43.7 65.5#



#58
Fluorene
Concen: 10.424 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

Tgt Ion:166 Resp: 82644
Ion Ratio Lower Upper
166 100
165 103.2 73.7 110.5
167 37.0 10.4 15.6#

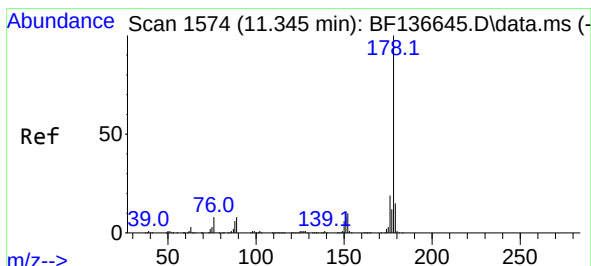
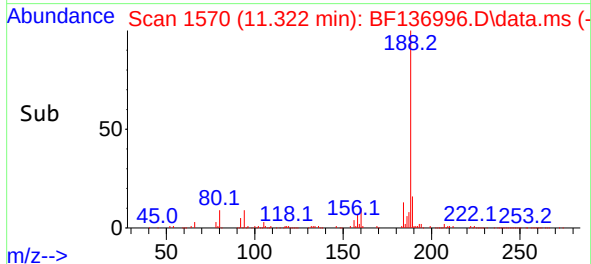
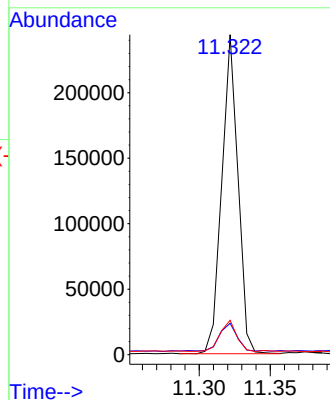
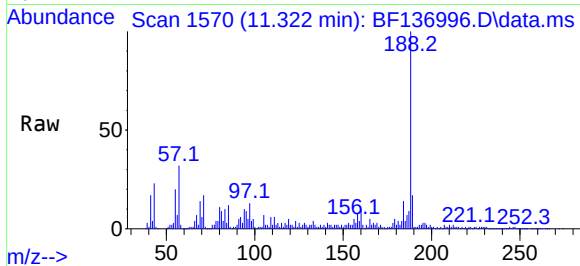




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

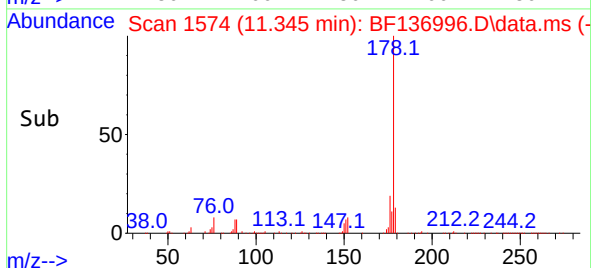
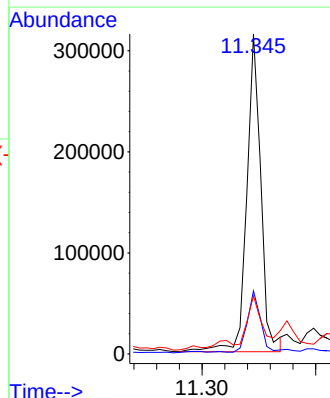
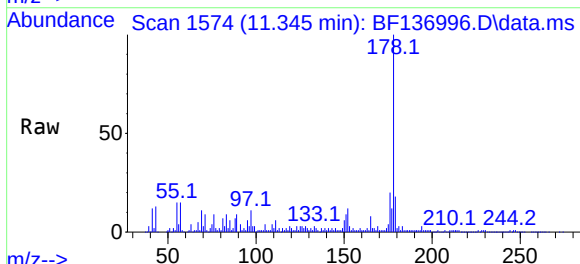
Instrument :
BNA_F
ClientSampleId :
MW-2

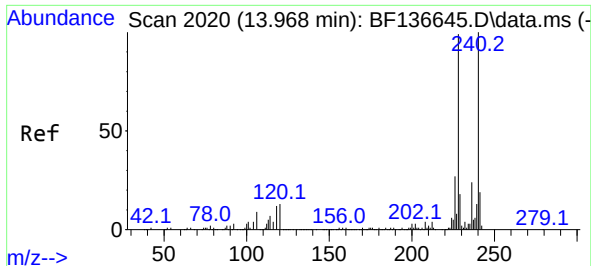
Tgt Ion:188 Resp: 192538
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.8 8.1 12.1



#71
Phenanthrene
Concen: 27.422 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

Tgt Ion:178 Resp: 270913
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 18.1 11.9 17.9#

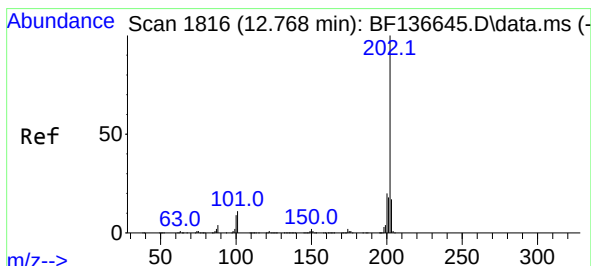
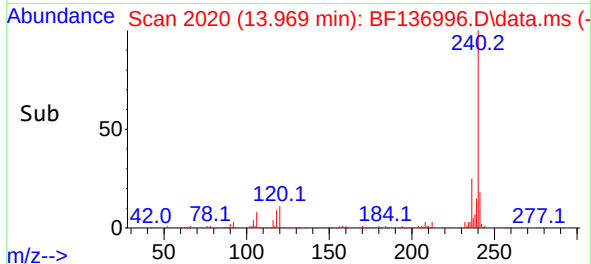
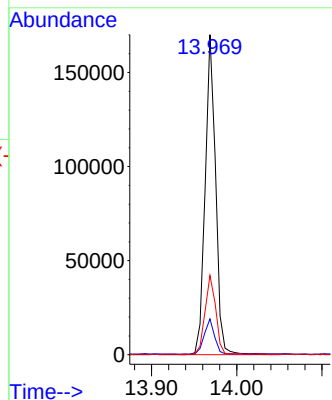
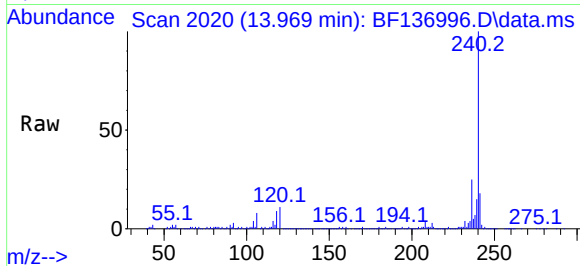




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

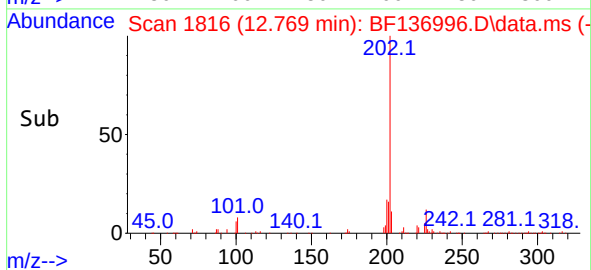
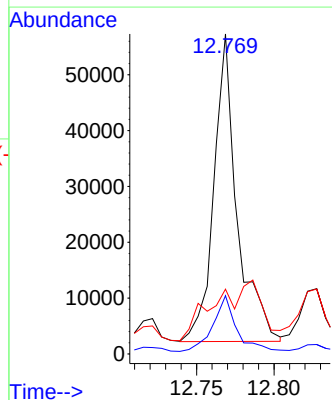
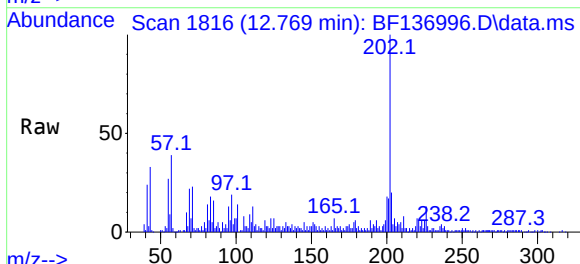
Instrument :
BNA_F
ClientSampleId :
MW-2

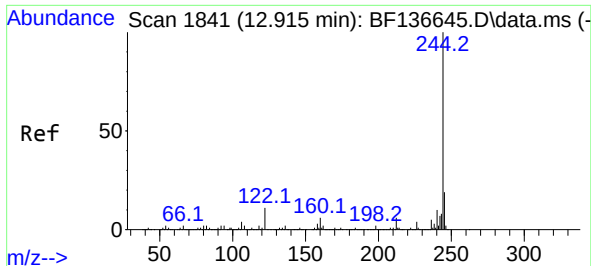
Tgt Ion:240 Resp: 145074
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 24.8 19.4 29.2



#78
Pyrene
Concen: 4.034 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136996.D
Acq: 08 Jan 2024 14:17

Tgt Ion:202 Resp: 57453
Ion Ratio Lower Upper
202 100
200 18.2 15.9 23.9
203 20.3 13.8 20.6

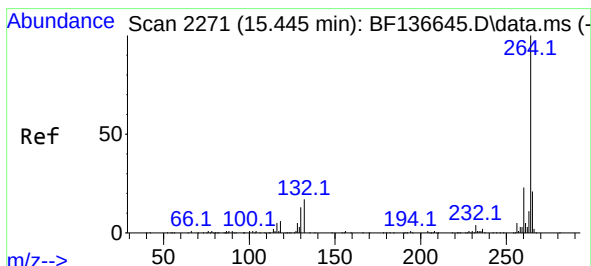
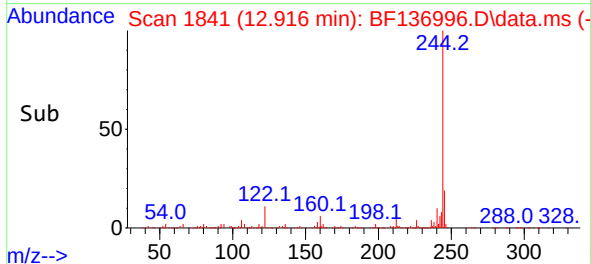
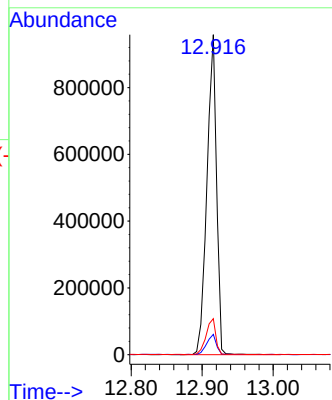
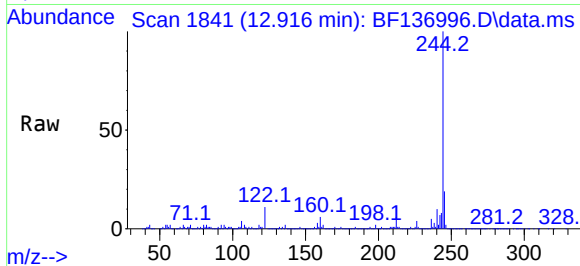




#79
 Terphenyl-d14
 Concen: 86.664 ng
 RT: 12.916 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136996.D
 Acq: 08 Jan 2024 14:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 899672
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF136996.D
 Acq: 08 Jan 2024 14:17

Tgt Ion:264 Resp: 136167
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 21.9 17.0 25.6

