

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128822.D
 Acq On : 15 Jun 2022 13:06
 Operator : CG\JU
 Sample : N3334-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-8DL

Quant Time: Jun 15 13:59:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

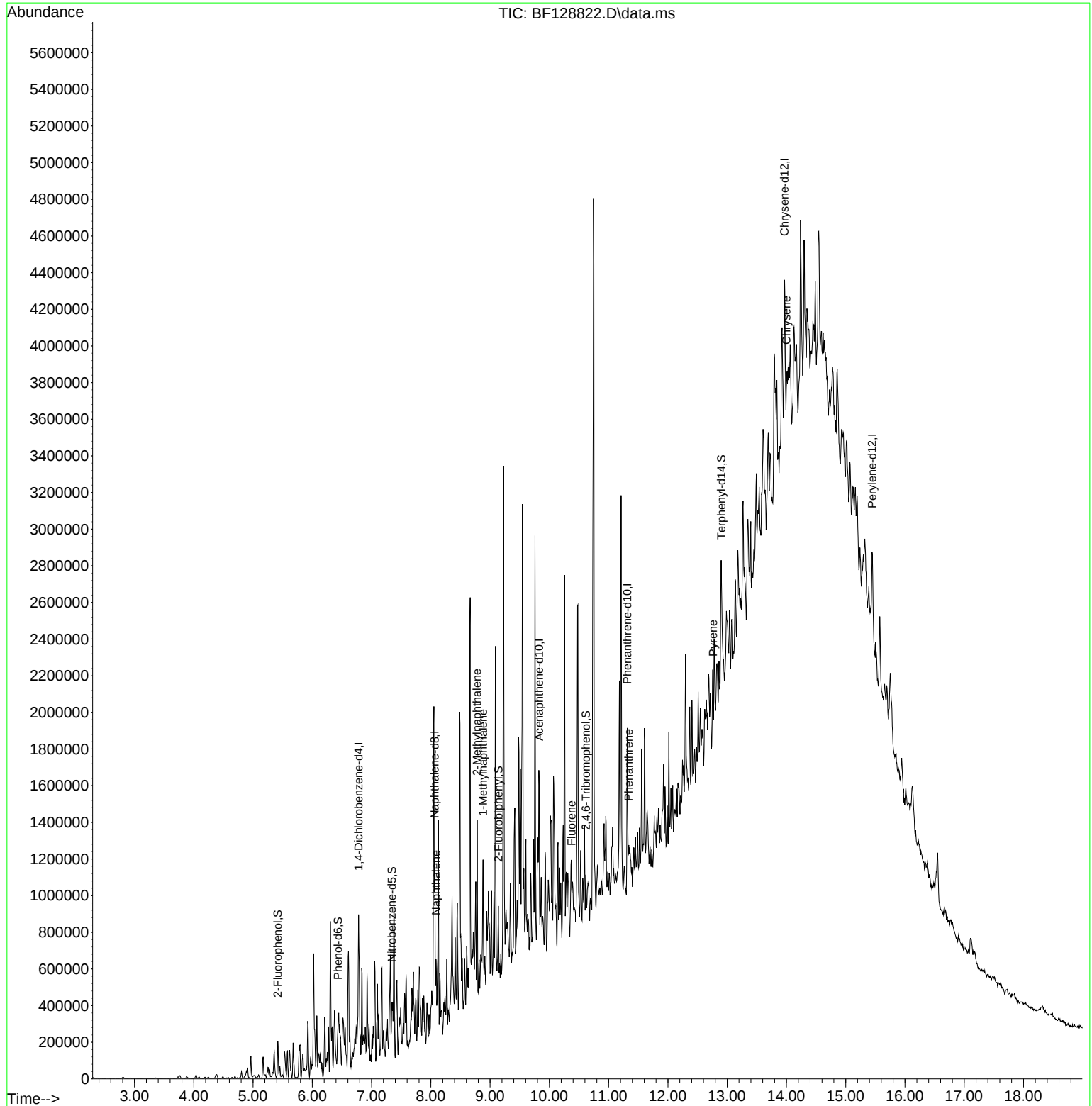
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83968	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	316661	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	162865	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	249023	20.000	ng	0.00
76) Chrysene-d12	13.969	240	180296	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	169677	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	47941	9.094	ng	0.00
7) Phenol-d6	6.434	99	64545	10.030	ng	0.00
23) Nitrobenzene-d5	7.340	82	51078	7.510	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	14061	7.307	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	91570	7.876	ng	0.00
79) Terphenyl-d14	12.904	244	75963	7.321	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.087	128	69358	4.268	ng	# 94
37) 2-Methylnaphthalene	8.781	142	209428	20.261	ng	100
38) 1-Methylnaphthalene	8.881	142	152900	15.310	ng	100
58) Fluorene	10.375	166	24173	2.333	ng	# 86
71) Phenanthrene	11.339	178	61547	4.928	ng	# 93
78) Pyrene	12.763	202	28318	2.111	ng	# 83
83) Chrysene	13.998	228	29635	2.766	ng	# 57

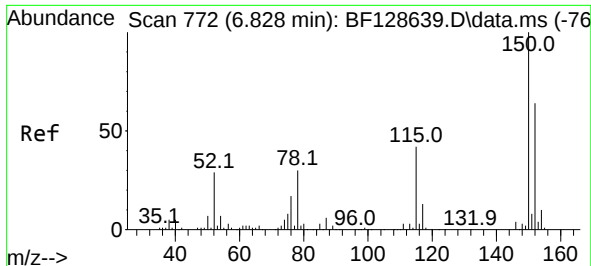
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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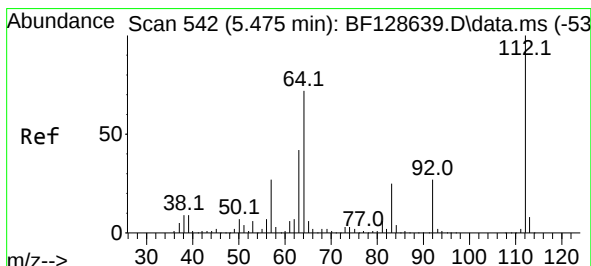
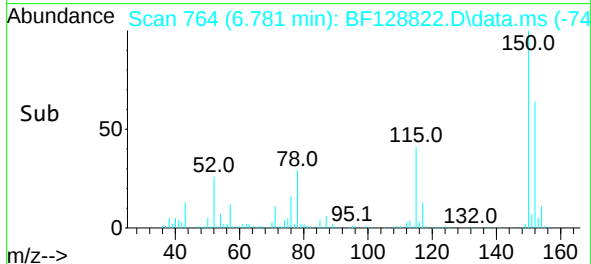
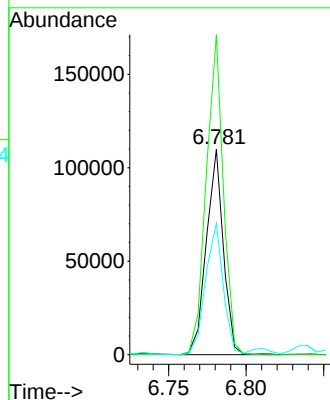
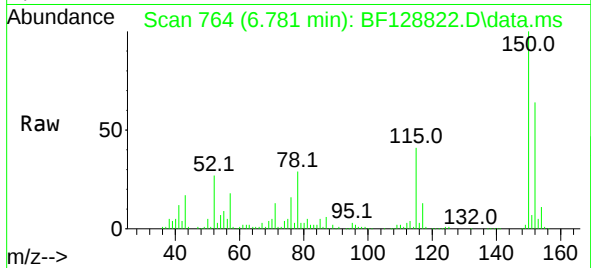




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

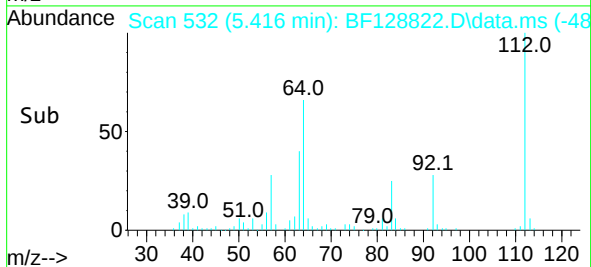
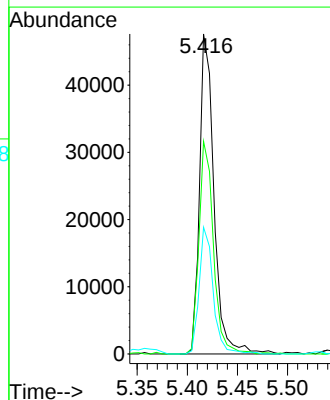
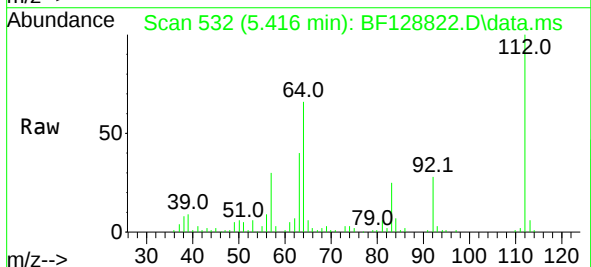
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8DL

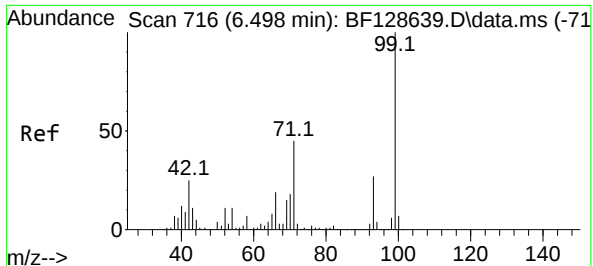
Tgt Ion:152 Resp: 83968
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 9.094 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

Tgt Ion:112 Resp: 47941
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 39.6 28.0 42.0

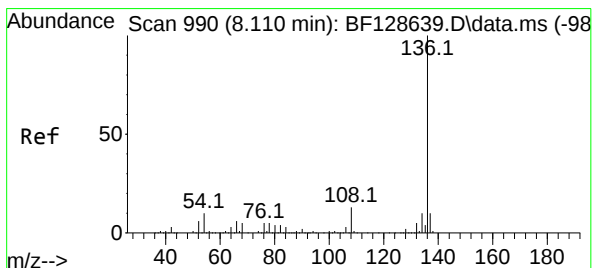
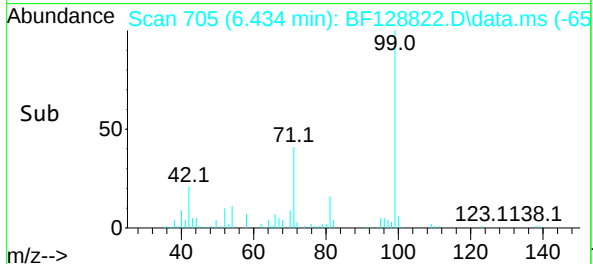
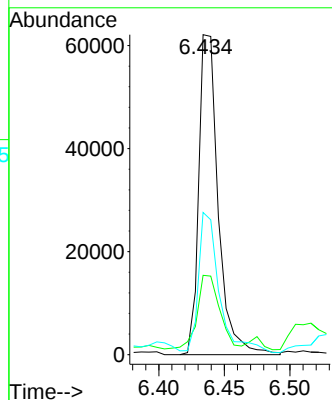
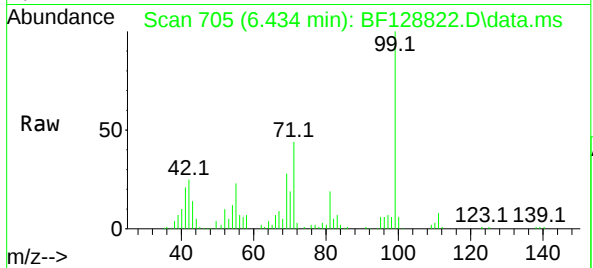




#7
Phenol-d6
Concen: 10.030 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

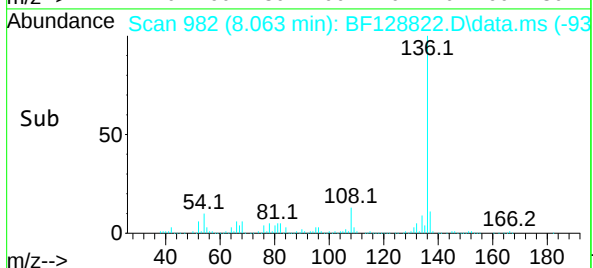
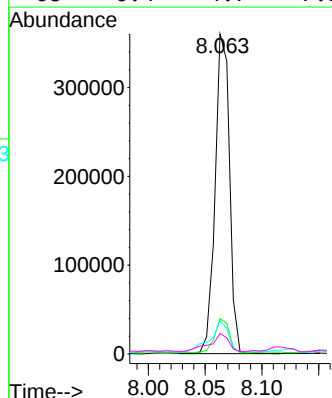
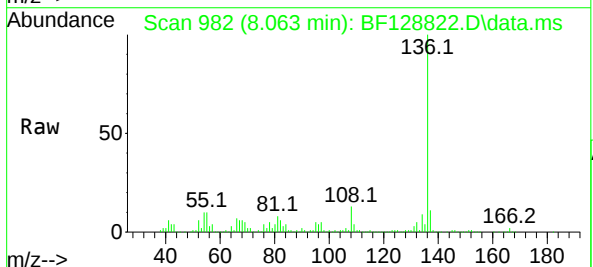
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8DL

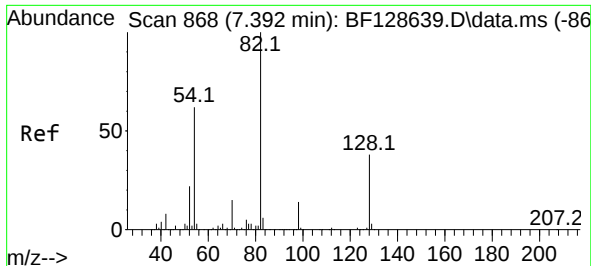
Tgt Ion: 99 Resp: 64545
Ion Ratio Lower Upper
99 100
42 24.8 17.3 25.9
71 44.5 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

Tgt Ion: 136 Resp: 316661
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.5 11.3
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 7.510 ng

RT: 7.340 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128822.D

Acq: 15 Jun 2022 13:06

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8DL

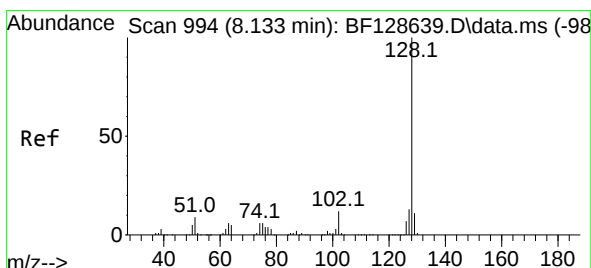
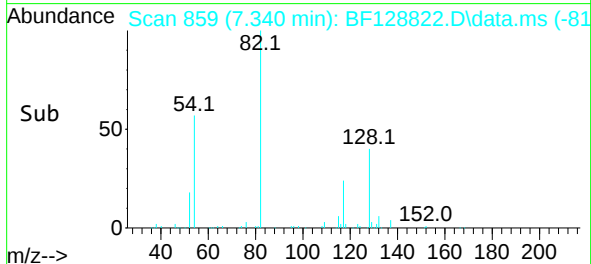
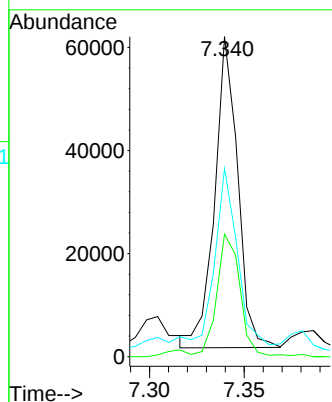
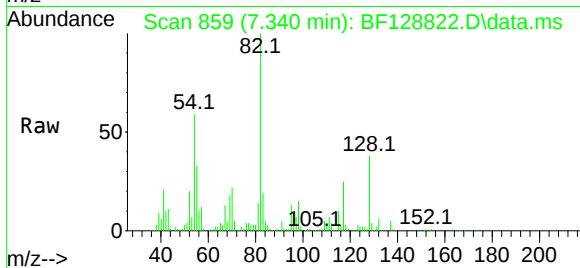
Tgt Ion: 82 Resp: 51078

Ion Ratio Lower Upper

82 100

128 38.3 34.0 51.0

54 58.8 46.9 70.3



#31

Naphthalene

Concen: 4.268 ng

RT: 8.087 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF128822.D

Acq: 15 Jun 2022 13:06

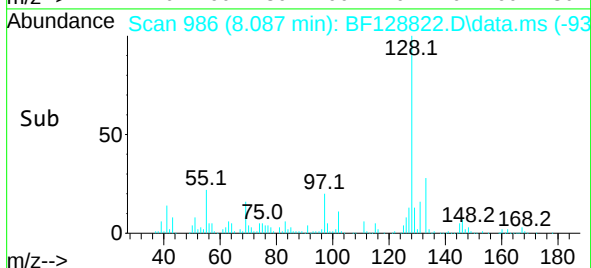
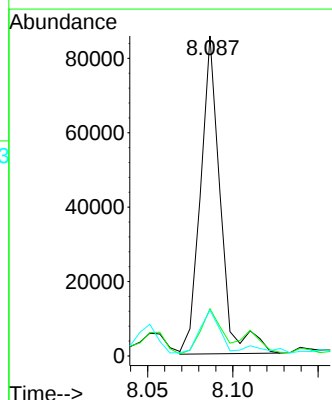
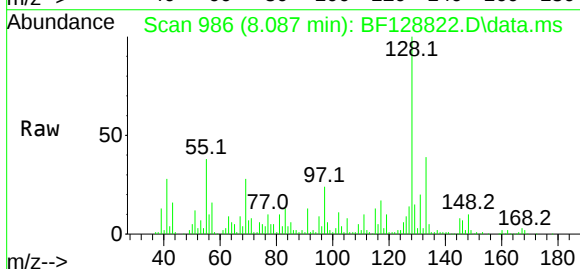
Tgt Ion: 128 Resp: 69358

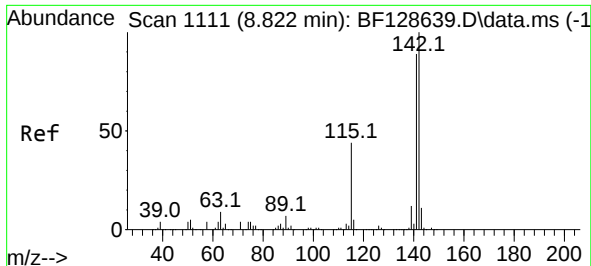
Ion Ratio Lower Upper

128 100

129 14.7 9.2 13.8#

127 14.3 10.5 15.7





#37

2-Methylnaphthalene

Concen: 20.261 ng

RT: 8.781 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF128822.D

Acq: 15 Jun 2022 13:06

Instrument :

BNA_F

ClientSampleId :

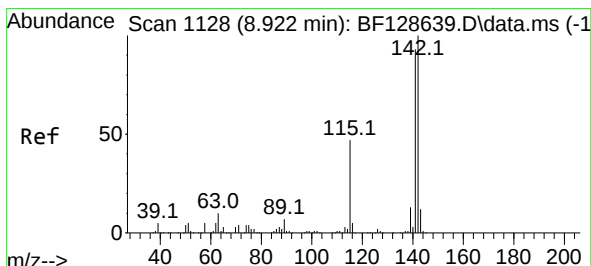
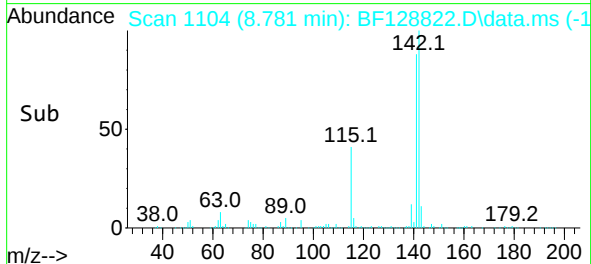
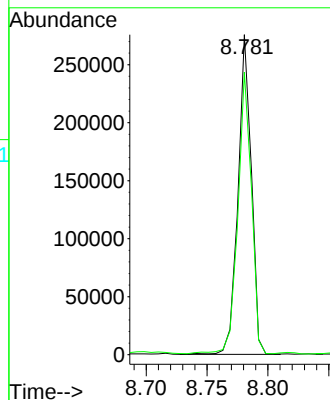
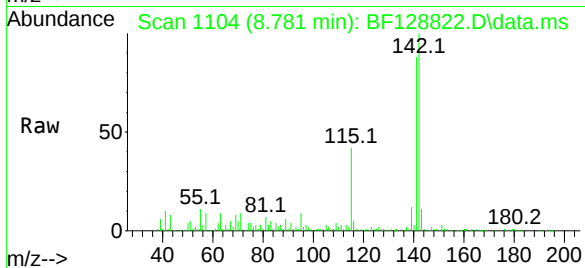
WC-14A-1A-8DL

Tgt Ion:142 Resp: 209428

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 15.310 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF128822.D

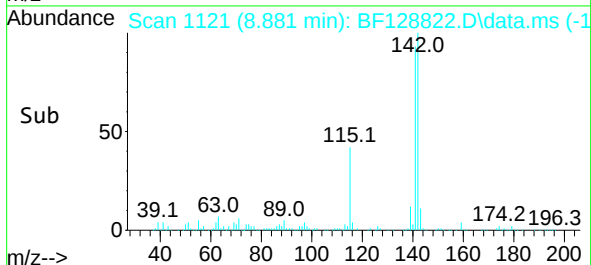
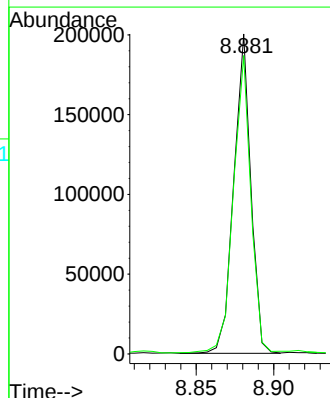
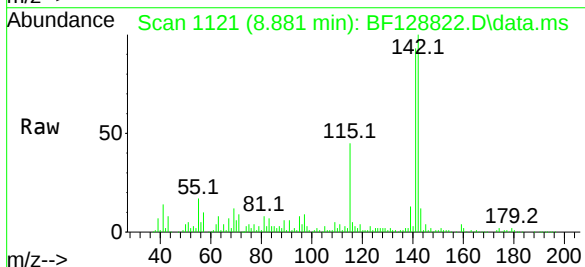
Acq: 15 Jun 2022 13:06

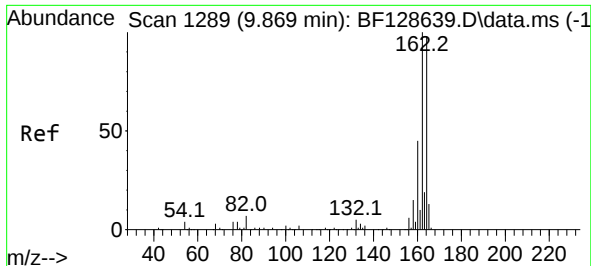
Tgt Ion:142 Resp: 152900

Ion Ratio Lower Upper

142 100

141 93.3 74.2 111.4

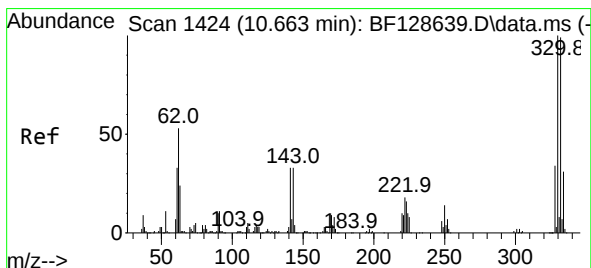
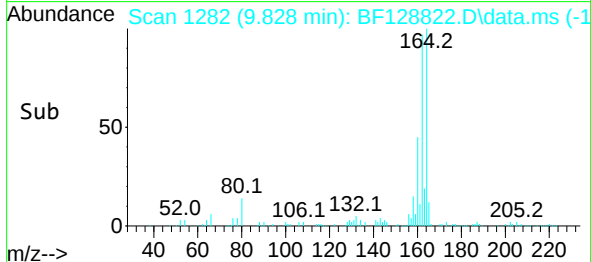
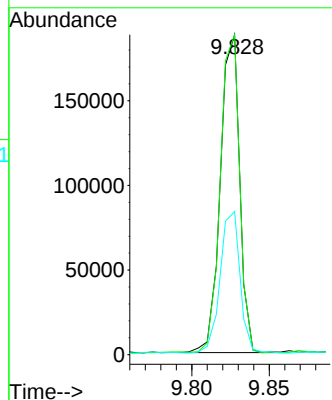
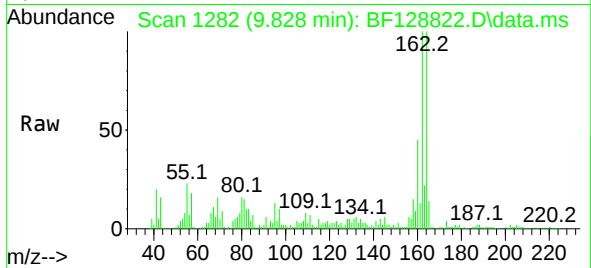




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

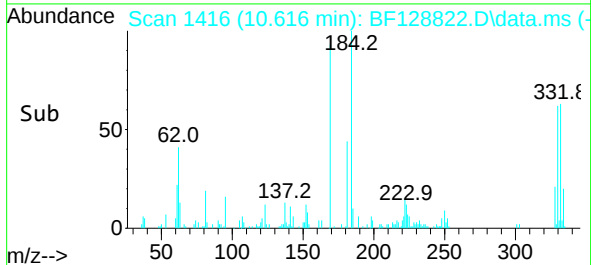
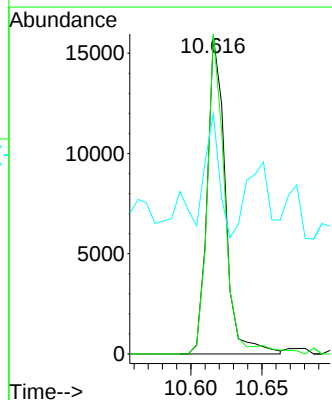
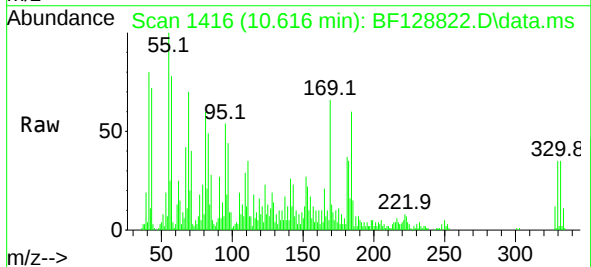
Instrument :
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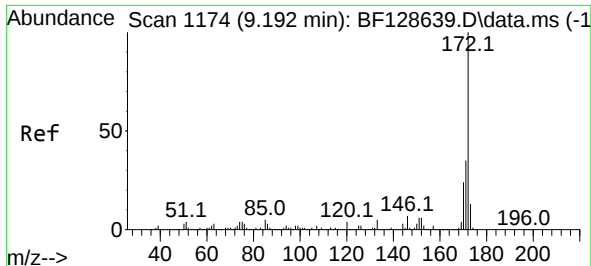
Tgt Ion:164 Resp: 162865
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 44.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 7.307 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

Tgt Ion:330 Resp: 14061
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 30.0 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 7.876 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128822.D

Acq: 15 Jun 2022 13:06

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8DL

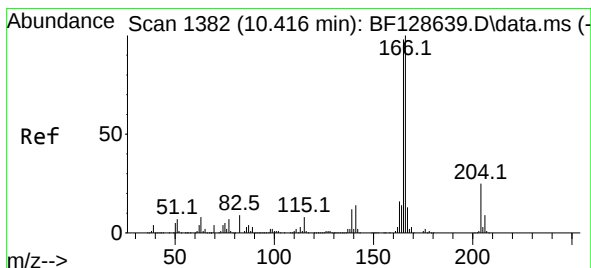
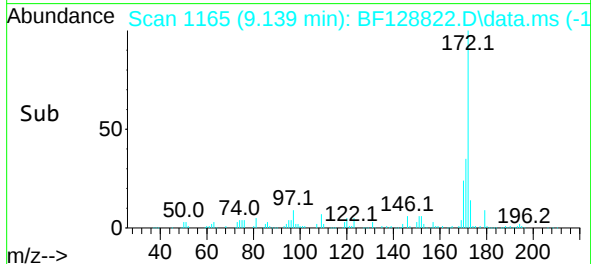
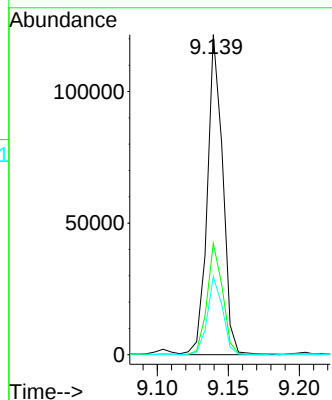
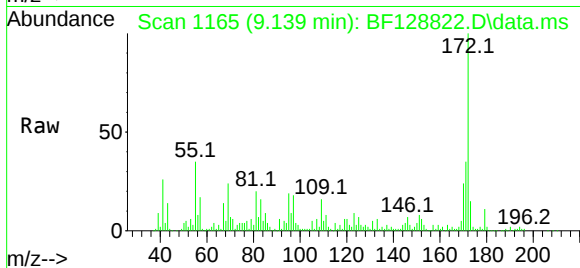
Tgt Ion:172 Resp: 91570

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 24.4 19.8 29.8



#58

Fluorene

Concen: 2.333 ng

RT: 10.375 min Scan# 1375

Delta R.T. 0.000 min

Lab File: BF128822.D

Acq: 15 Jun 2022 13:06

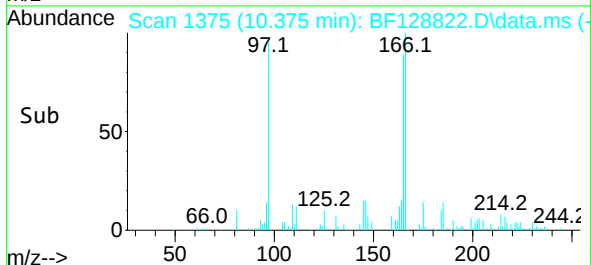
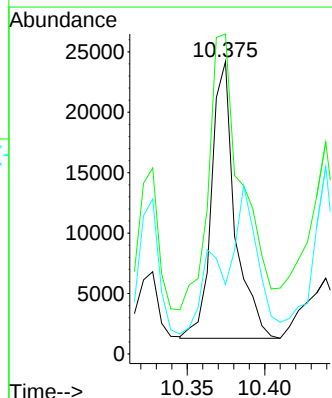
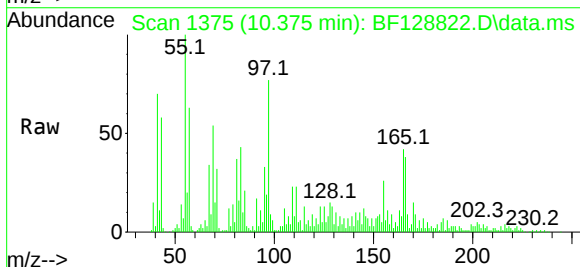
Tgt Ion:166 Resp: 24173

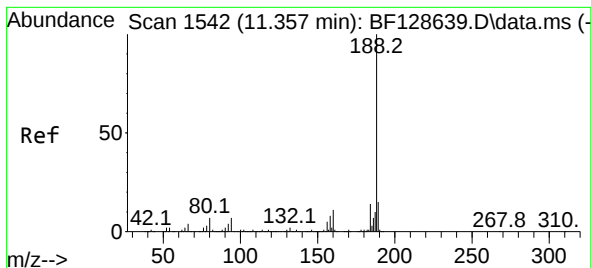
Ion Ratio Lower Upper

166 100

165 109.4 78.1 117.1

167 23.8 10.5 15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128822.D

Acq: 15 Jun 2022 13:06

Instrument :

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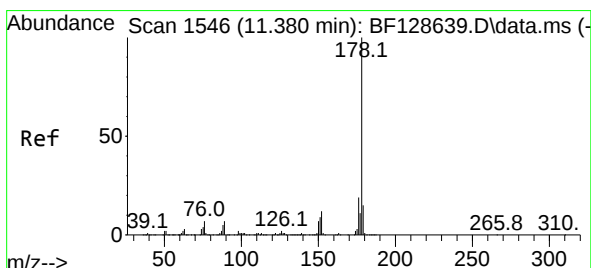
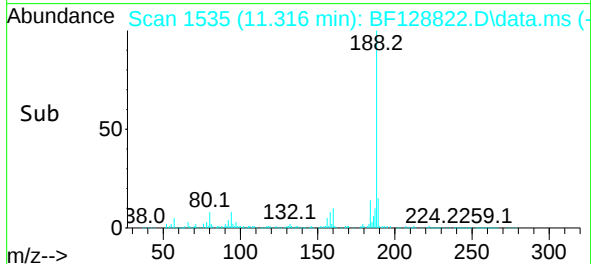
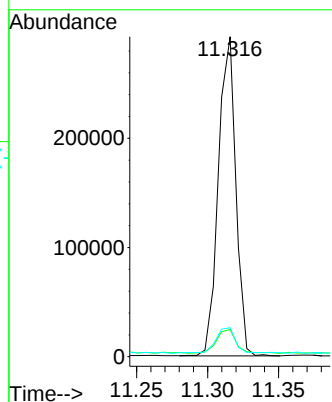
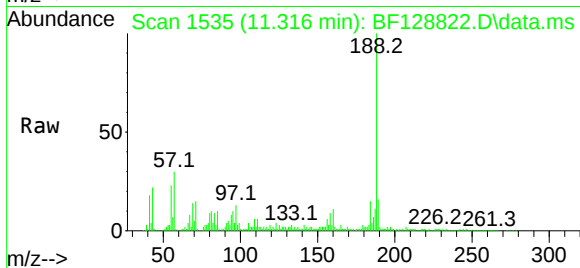
Tgt Ion:188 Resp: 249023

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.1 7.6 11.4



#71

Phenanthrene

Concen: 4.928 ng

RT: 11.339 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF128822.D

Acq: 15 Jun 2022 13:06

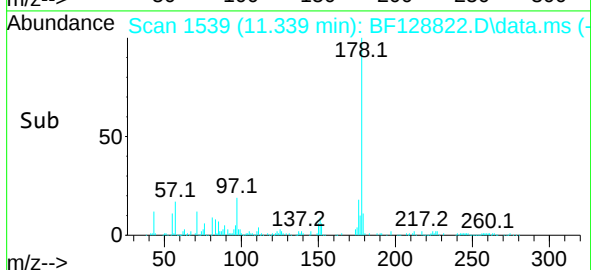
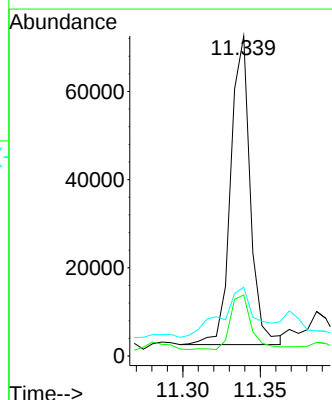
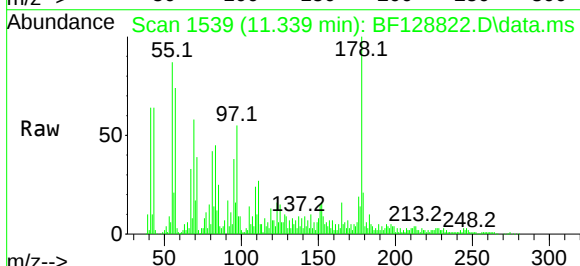
Tgt Ion:178 Resp: 61547

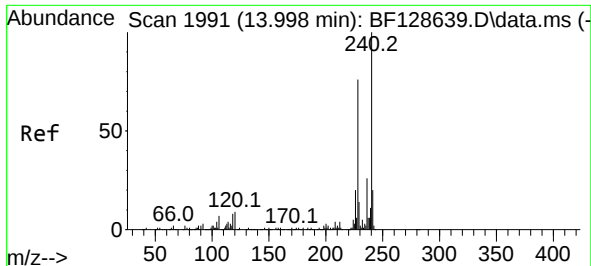
Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 21.5 12.6 19.0#

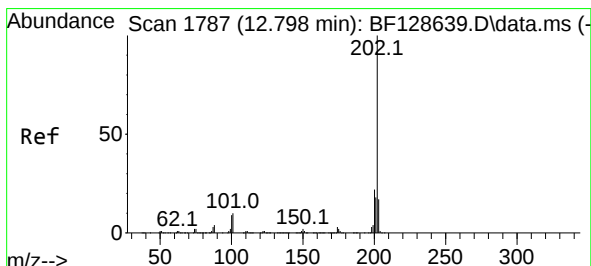
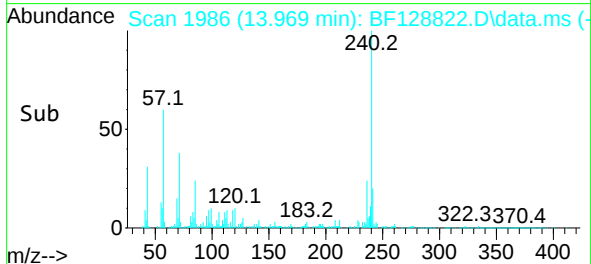
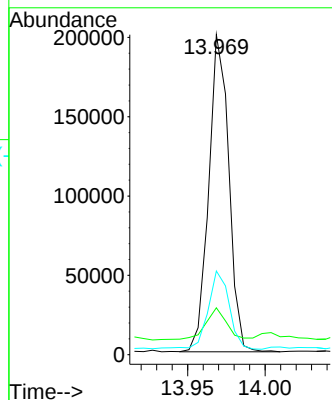
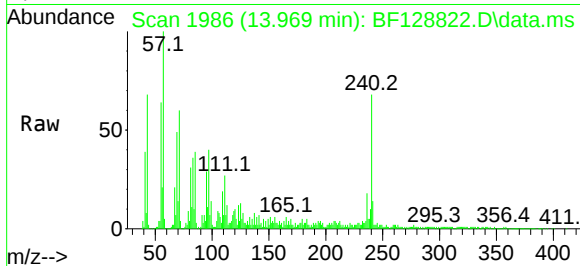




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

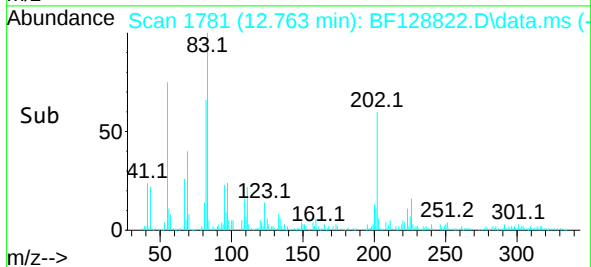
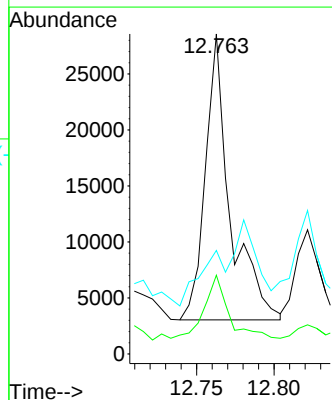
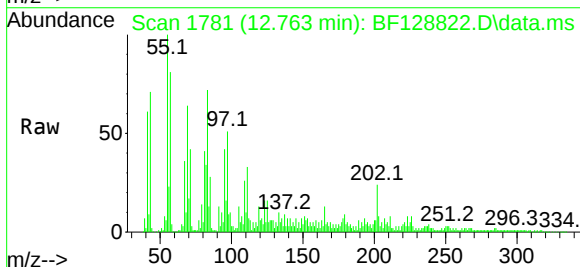
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8DL

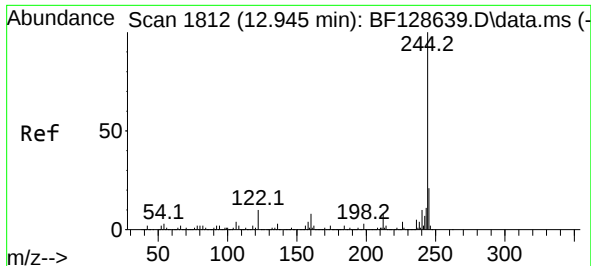
Tgt Ion:240 Resp: 180296
Ion Ratio Lower Upper
240 100
120 14.6 8.9 13.3#
236 26.2 20.8 31.2



#78
Pyrene
Concen: 2.111 ng
RT: 12.763 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF128822.D
Acq: 15 Jun 2022 13:06

Tgt Ion:202 Resp: 28318
Ion Ratio Lower Upper
202 100
200 24.6 17.7 26.5
203 32.4 14.6 21.8#

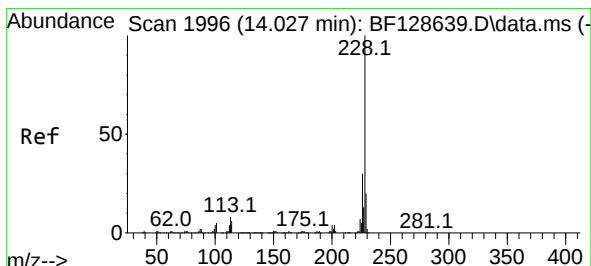
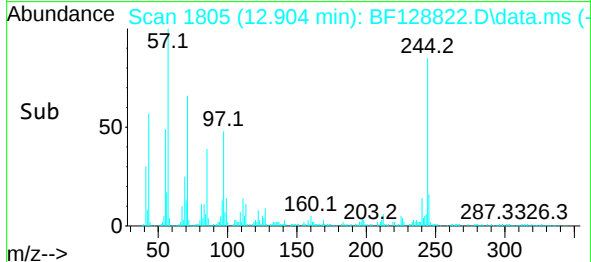
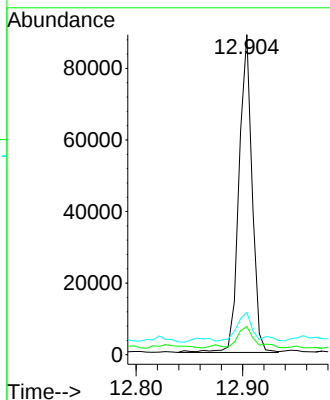
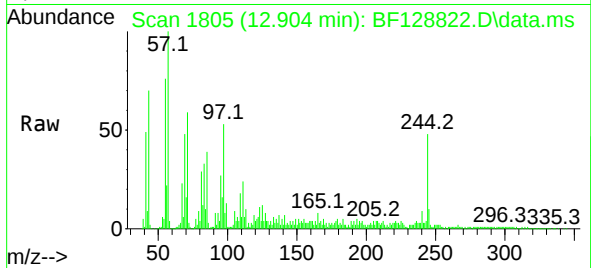




#79
 Terphenyl-d14
 Concen: 7.321 ng
 RT: 12.904 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF128822.D
 Acq: 15 Jun 2022 13:06

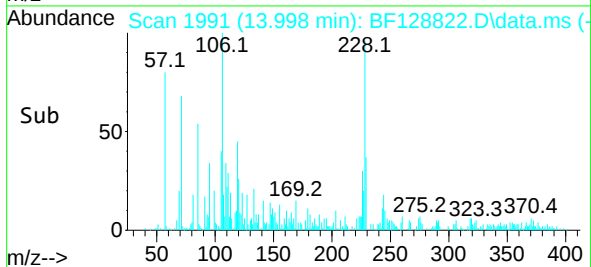
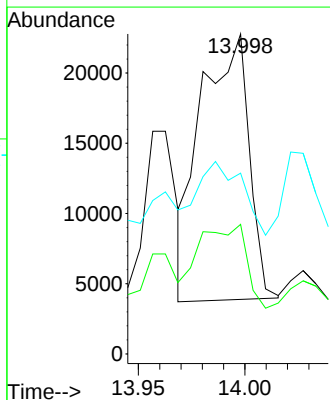
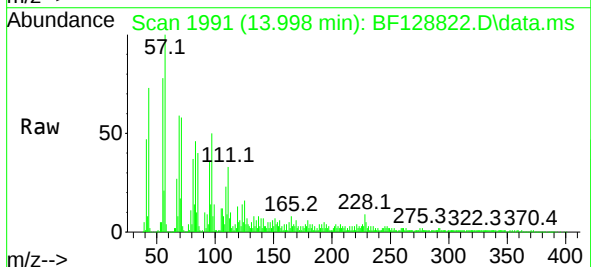
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-8DL

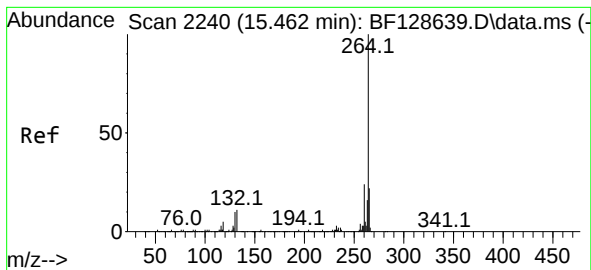
Tgt Ion:244 Resp: 75963
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.1 9.1
 122 13.2 8.8 13.2



#83
 Chrysene
 Concen: 2.766 ng
 RT: 13.998 min Scan# 1991
 Delta R.T. 0.006 min
 Lab File: BF128822.D
 Acq: 15 Jun 2022 13:06

Tgt Ion:228 Resp: 29635
 Ion Ratio Lower Upper
 228 100
 226 40.5 24.3 36.5#
 229 56.5 15.9 23.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF128822.D
 Acq: 15 Jun 2022 13:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-8DL

Tgt Ion:264 Resp: 169677
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.8 17.2 25.8

