

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131887.D
 Acq On : 29 Dec 2022 19:58
 Operator : CG\JU
 Sample : N6206-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DL

Quant Time: Dec 30 02:12:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

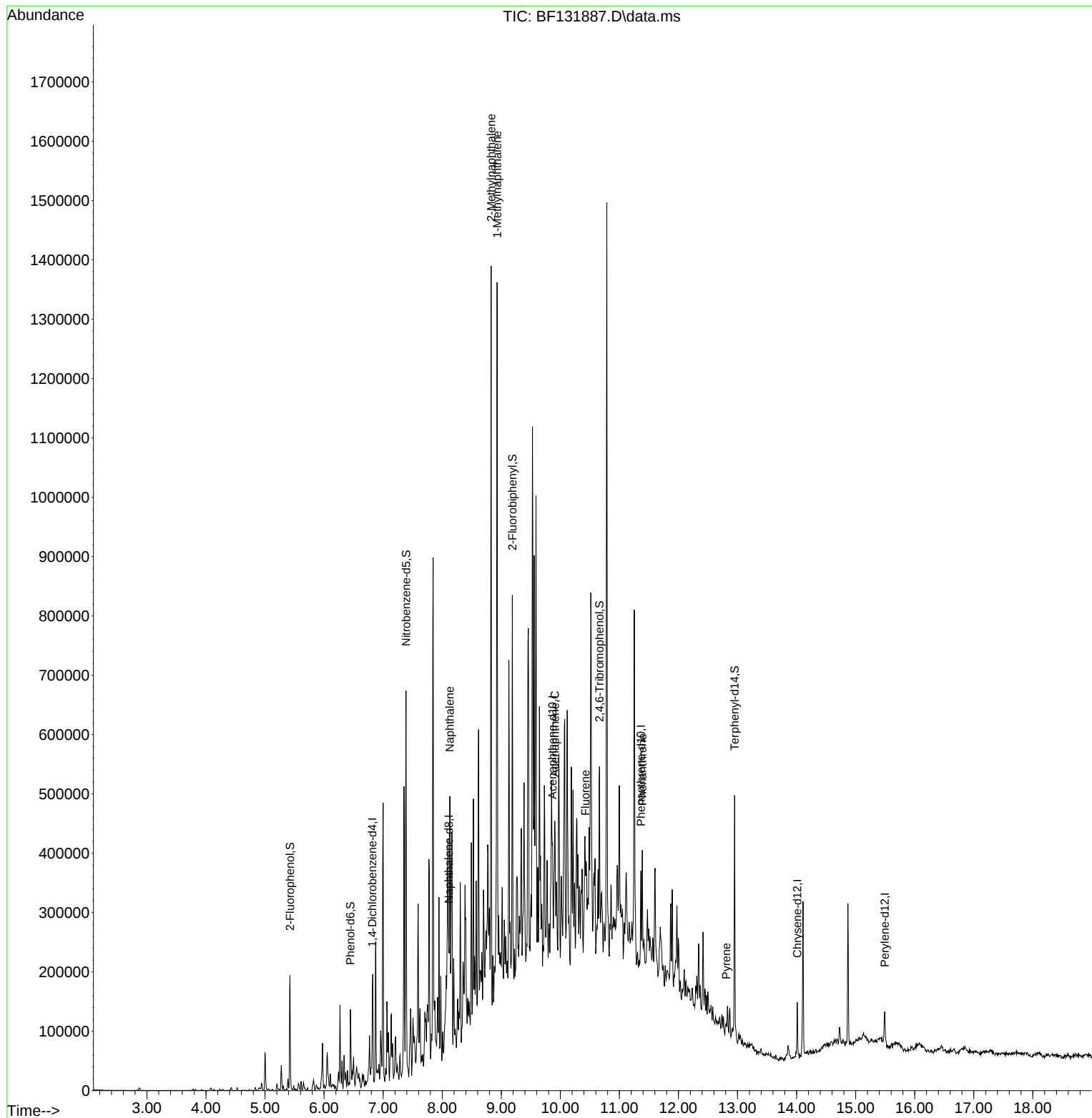
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	12927	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	43782	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	21102	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	34129	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	26604	20.000	ng	0.00
86) Perylene-d12	15.492	264	22335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	47708	61.161	ng	0.00
7) Phenol-d6	6.446	99	36708	35.819	ng	0.00
23) Nitrobenzene-d5	7.387	82	101172	92.261	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	26439	115.316	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	162202	105.285	ng	0.00
79) Terphenyl-d14	12.951	244	119265	75.830	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.128	128	90704	37.829	ng	# 91
37) 2-Methylnaphthalene	8.828	142	268374	166.772	ng	98
38) 1-Methylnaphthalene	8.928	142	228210	145.998	ng	99
52) Acenaphthene	9.904	154	14466	12.044	ng	# 73
58) Fluorene	10.422	166	27665	18.312	ng	# 88
71) Phenanthrene	11.386	178	57876	30.838	ng	# 96
78) Pyrene	12.810	202	9193	4.123	ng	# 93

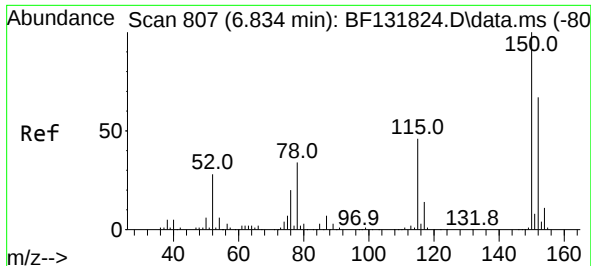
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1DL

Quant Time: Dec 30 02:12:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

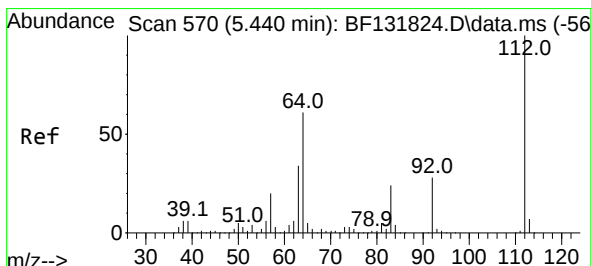
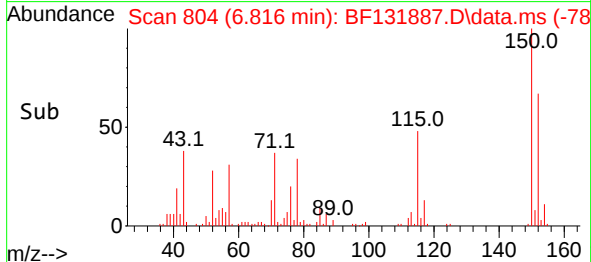
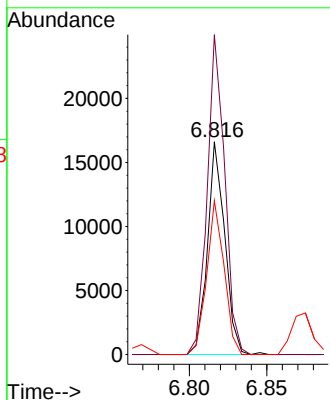
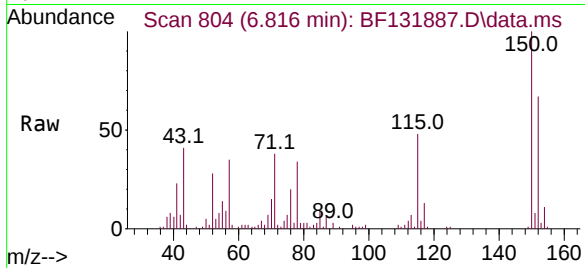




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

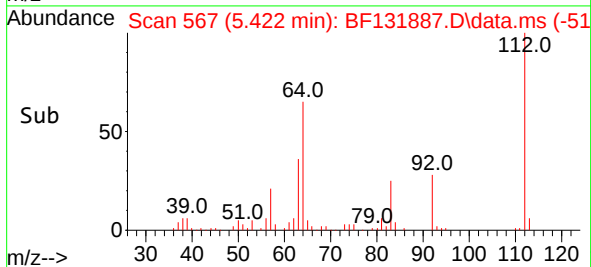
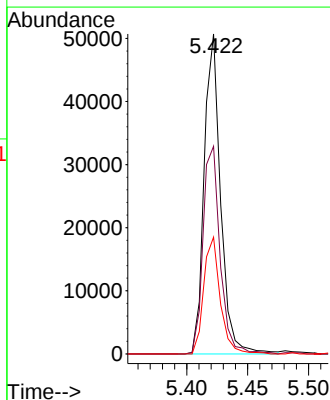
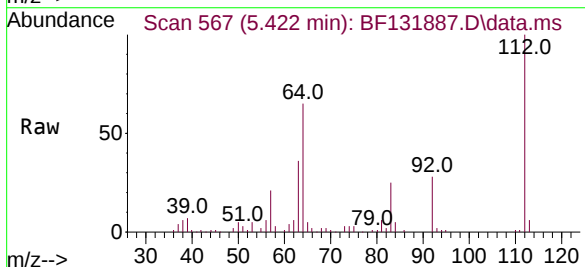
Instrument :
BNA_F
ClientSampleId :
MW-1DL

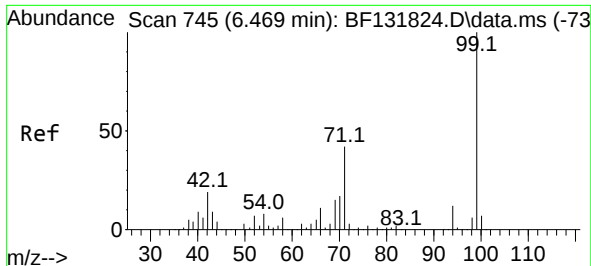
Tgt Ion:152 Resp: 12927
Ion Ratio Lower Upper
152 100
150 150.3 120.0 180.0
115 72.3 55.1 82.7



#5
2-Fluorophenol
Concen: 61.161 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:112 Resp: 47708
Ion Ratio Lower Upper
112 100
64 64.9 49.2 73.8
63 36.5 27.5 41.3

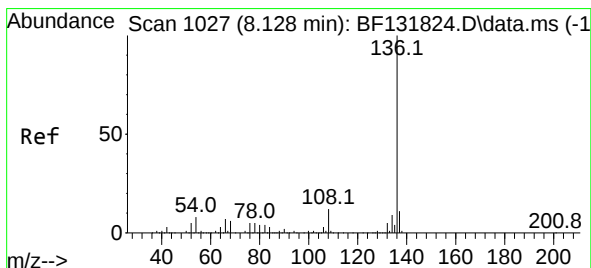
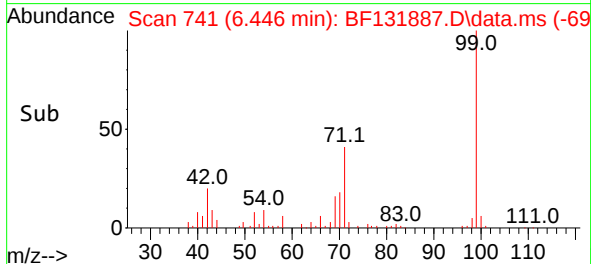
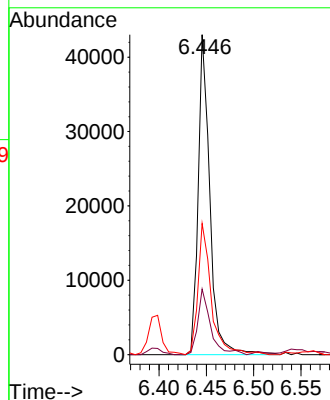
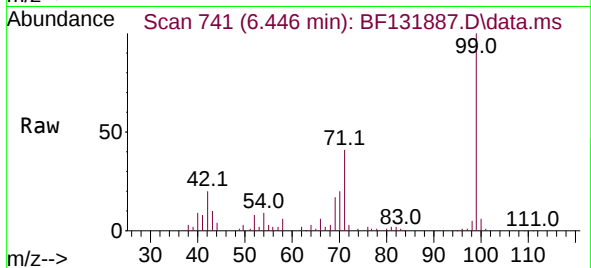




#7
Phenol-d6
Concen: 35.819 ng
RT: 6.446 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

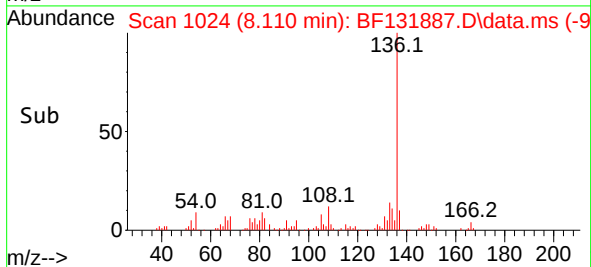
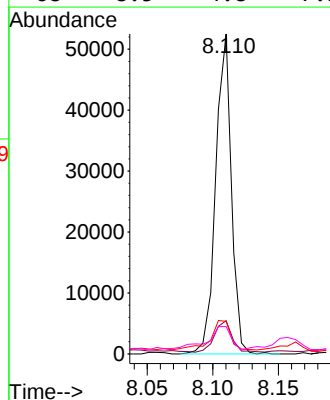
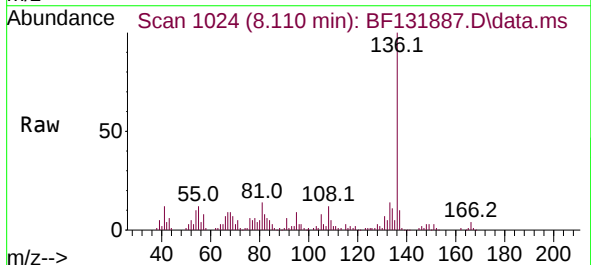
Instrument :
BNA_F
ClientSampleId :
MW-1DL

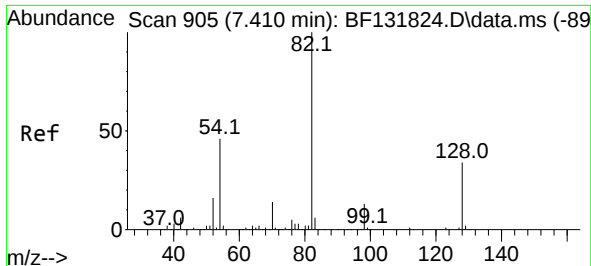
Tgt Ion: 99 Resp: 36708
Ion Ratio Lower Upper
99 100
42 20.5 15.3 22.9
71 41.0 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion: 136 Resp: 43782
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 10.2 6.7 10.1#
68 8.5 4.8 7.2#

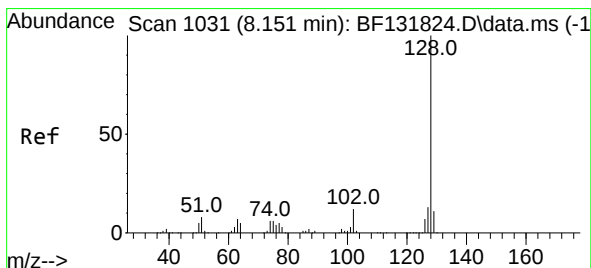
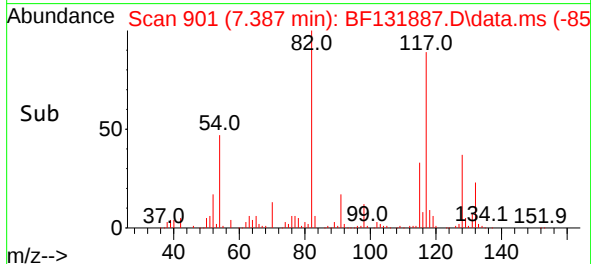
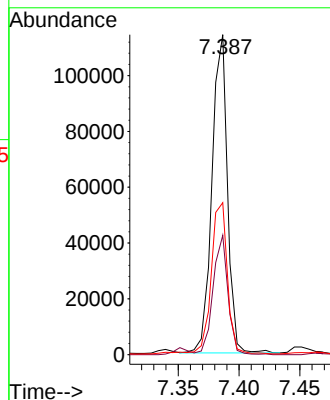
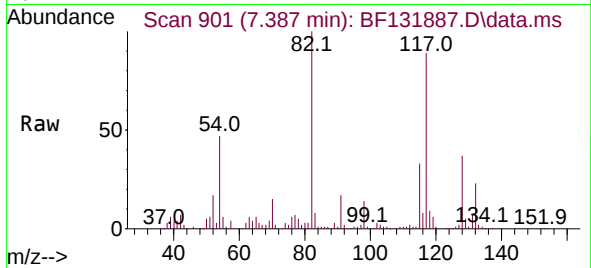




#23
Nitrobenzene-d5
Concen: 92.261 ng
RT: 7.387 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

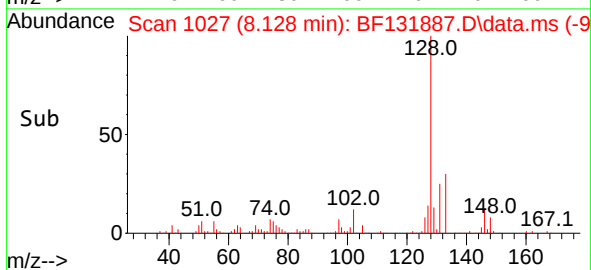
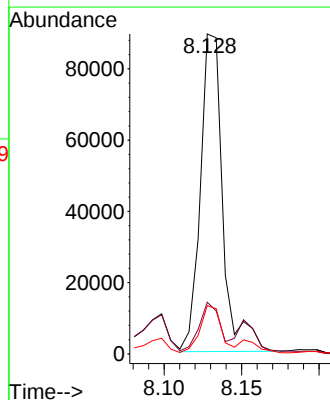
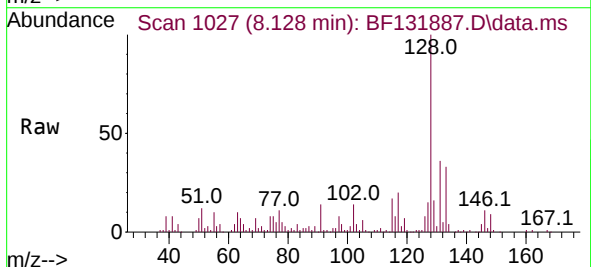
Instrument :
BNA_F
ClientSampleId :
MW-1DL

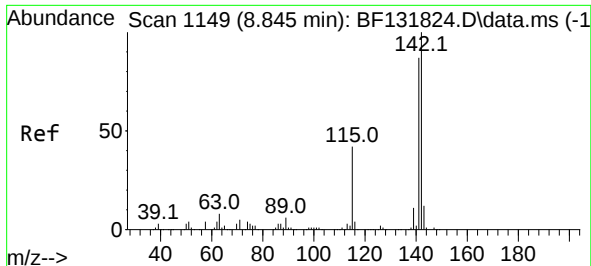
Tgt Ion: 82 Resp: 101172
Ion Ratio Lower Upper
82 100
128 37.3 27.1 40.7
54 47.5 37.0 55.6



#31
Naphthalene
Concen: 37.829 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:128 Resp: 90704
Ion Ratio Lower Upper
128 100
129 16.1 8.6 13.0#
127 15.1 10.6 15.8





#37

2-Methylnaphthalene

Concen: 166.772 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

Instrument :

BNA_F

ClientSampleId :

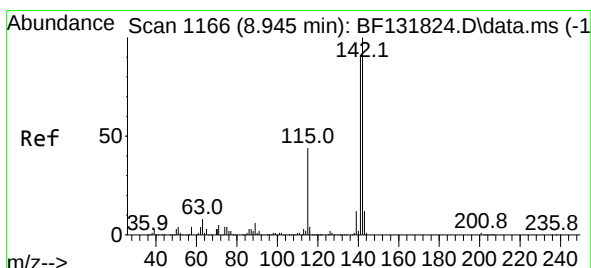
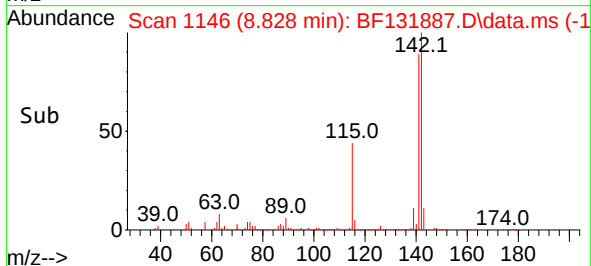
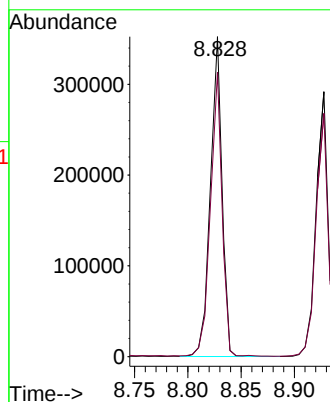
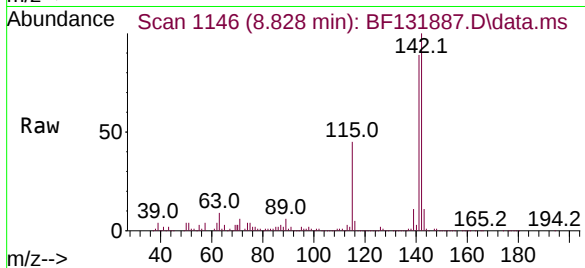
MW-1DL

Tgt Ion:142 Resp: 268374

Ion Ratio Lower Upper

142 100

141 88.9 69.8 104.8



#38

1-Methylnaphthalene

Concen: 145.998 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF131887.D

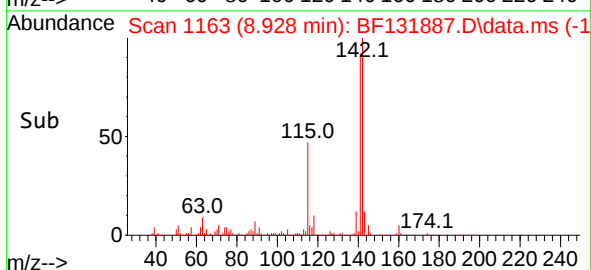
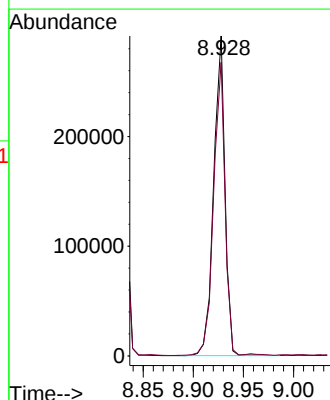
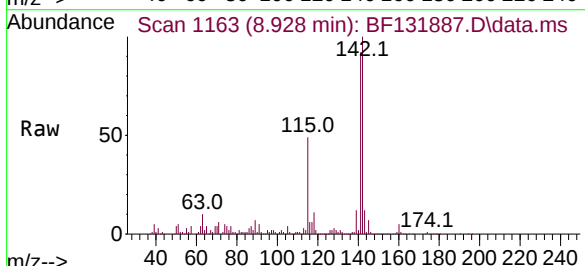
Acq: 29 Dec 2022 19:58

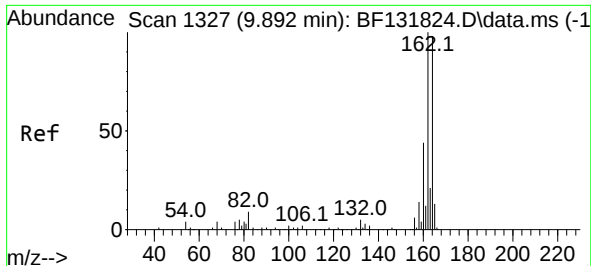
Tgt Ion:142 Resp: 228210

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

Instrument :

BNA_F

ClientSampleId :

MW-1DL

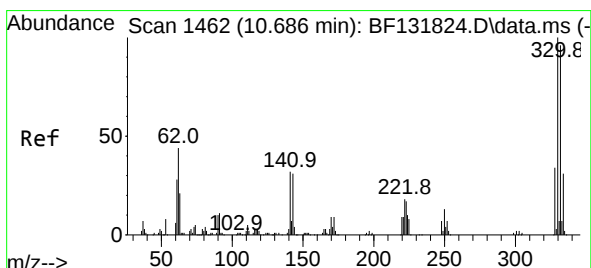
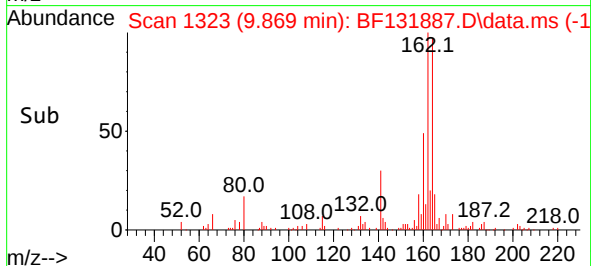
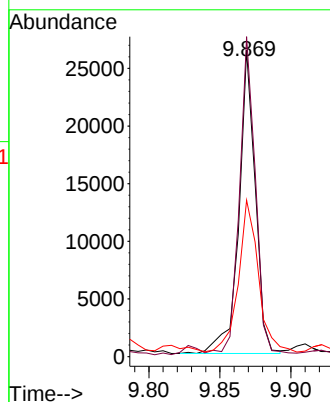
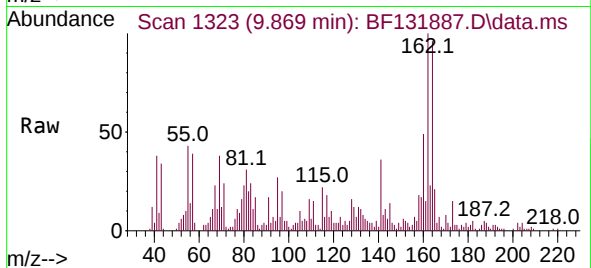
Tgt Ion:164 Resp: 21102

Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.6

160 51.0 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 115.316 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

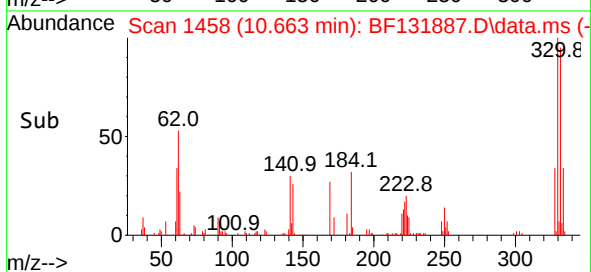
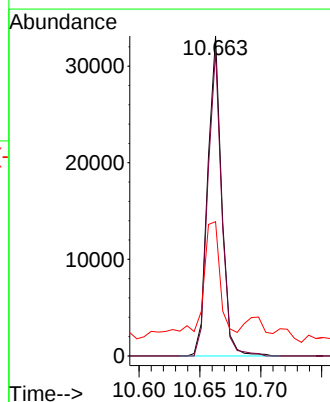
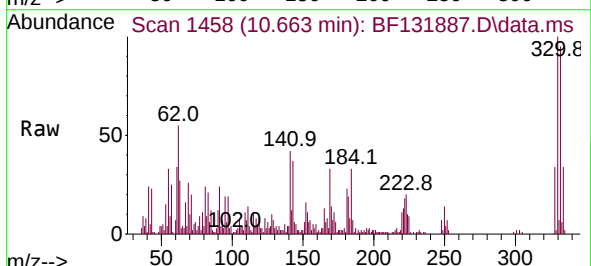
Tgt Ion:330 Resp: 26439

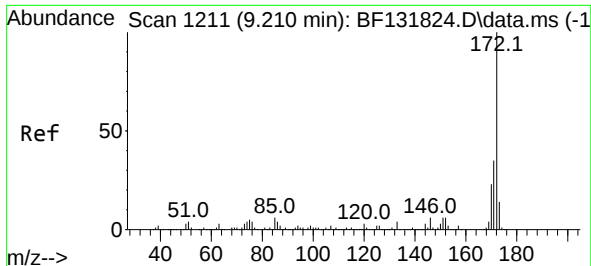
Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.4

141 50.4 31.0 46.4#





#45

2-Fluorobiphenyl

Concen: 105.285 ng

RT: 9.187 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

Instrument :

BNA_F

ClientSampleId :

MW-1DL

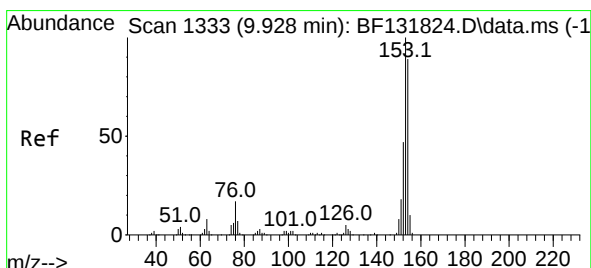
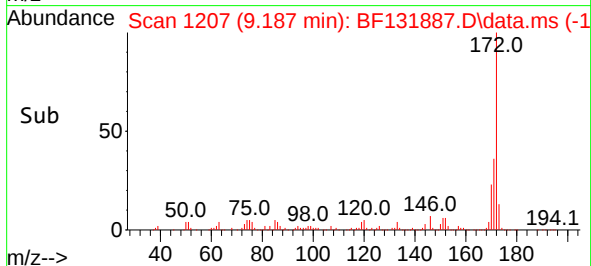
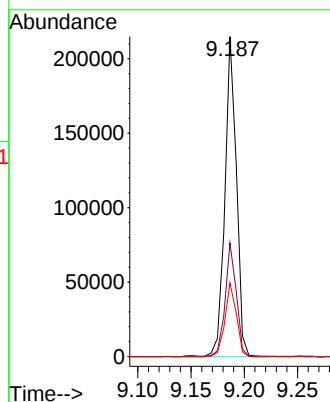
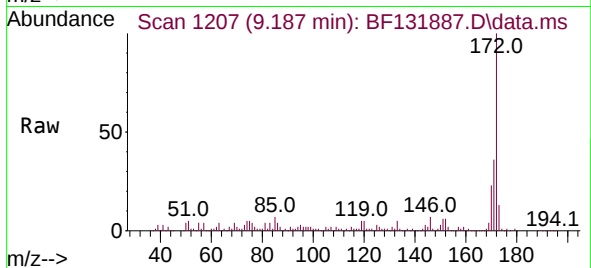
Tgt Ion:172 Resp: 162202

Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.0 18.7 28.1



#52

Acenaphthene

Concen: 12.044 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

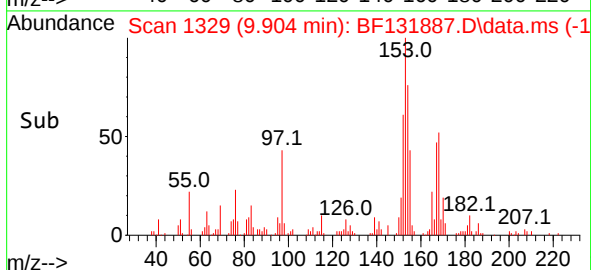
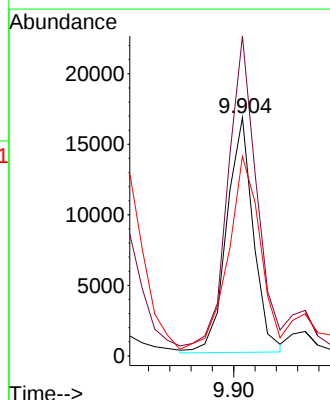
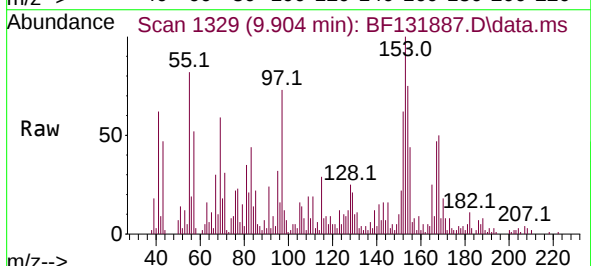
Tgt Ion:154 Resp: 14466

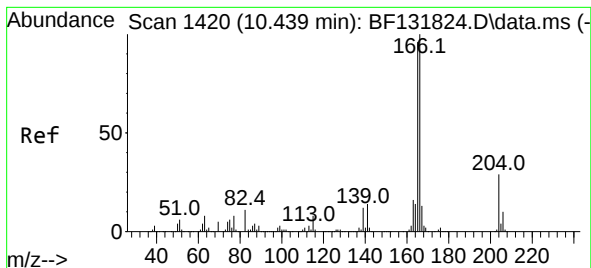
Ion Ratio Lower Upper

154 100

153 134.2 90.2 135.2

152 83.7 42.5 63.7#





#58

Fluorene

Concen: 18.312 ng

RT: 10.422 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

Instrument :

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MW-1DL

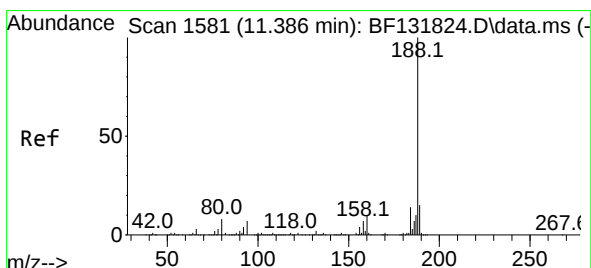
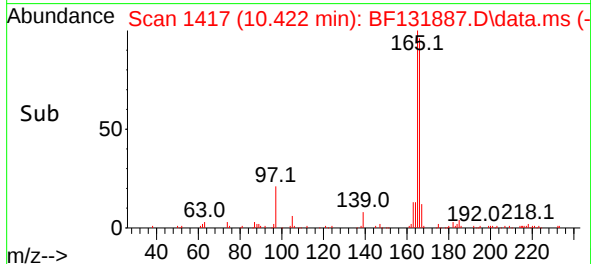
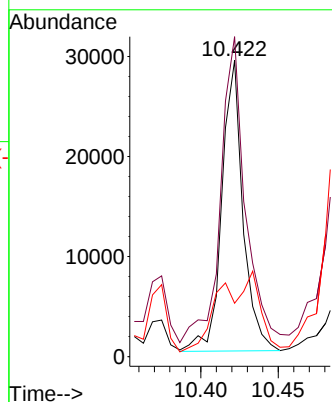
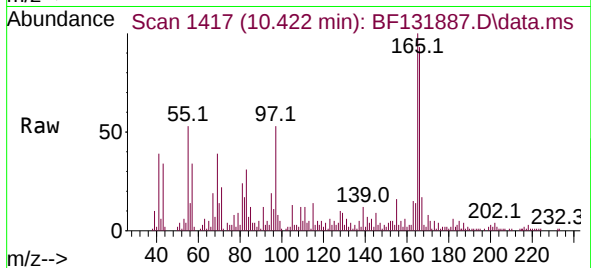
Tgt Ion:166 Resp: 27665

Ion Ratio Lower Upper

166 100

165 108.0 77.0 115.4

167 18.0 10.4 15.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

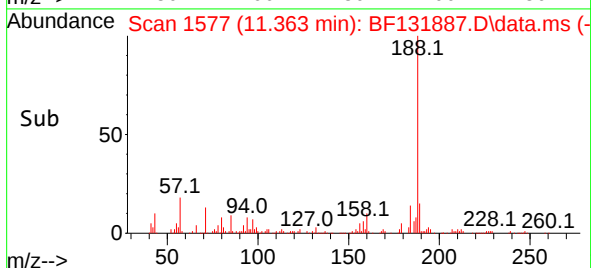
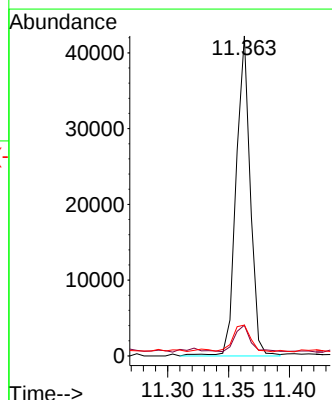
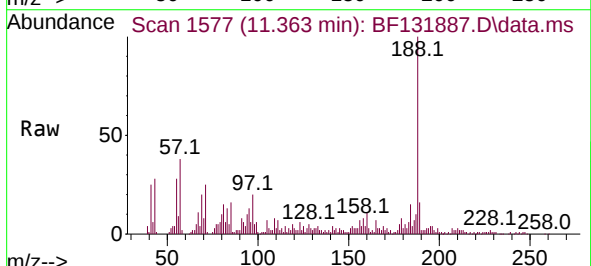
Tgt Ion:188 Resp: 34129

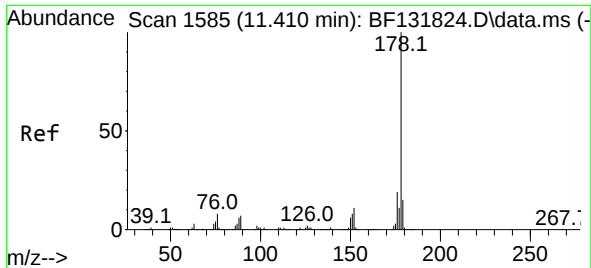
Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.6#

80 9.6 6.7 10.1

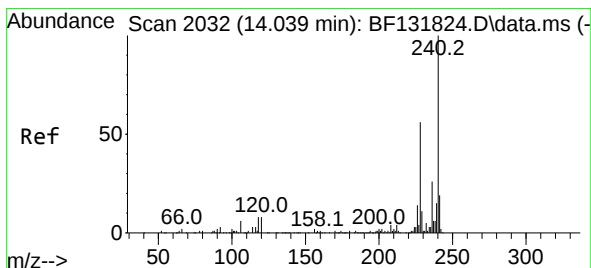
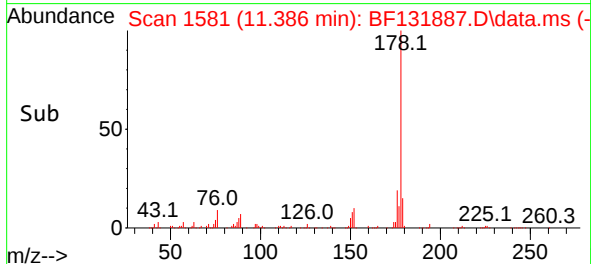
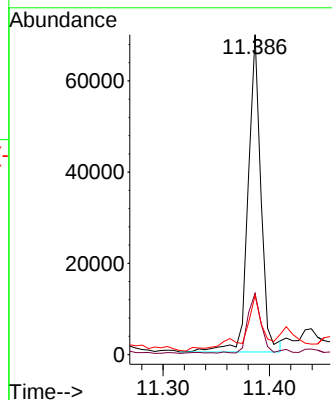
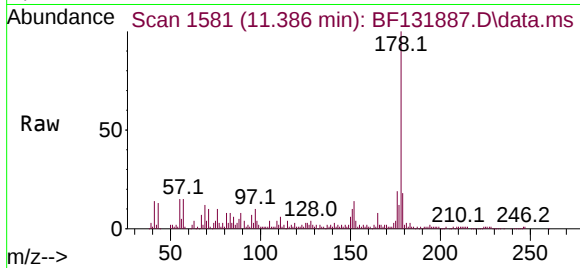




#71
Phenanthrene
Concen: 30.838 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

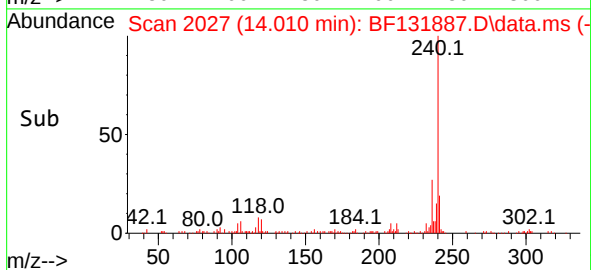
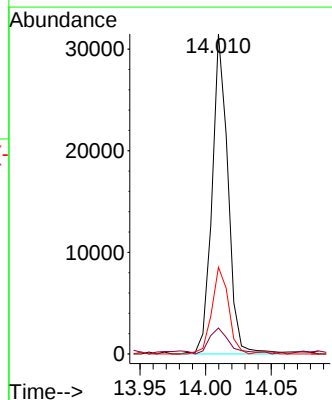
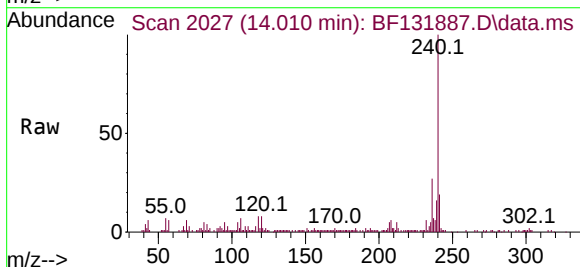
Instrument :
BNA_F
ClientSampleId :
MW-1DL

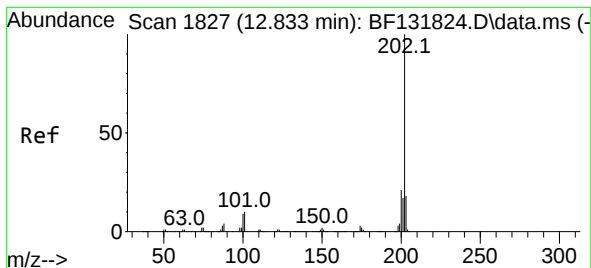
Tgt Ion:178 Resp: 57876
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 18.5 12.2 18.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131887.D
Acq: 29 Dec 2022 19:58

Tgt Ion:240 Resp: 26604
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 27.1 20.6 31.0





#78

Pyrene

Concen: 4.123 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

Instrument :

BNA_F

ClientSampleId :

MW-1DL

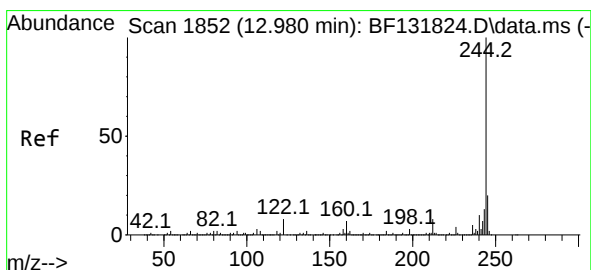
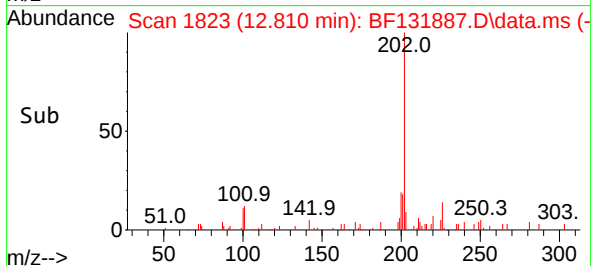
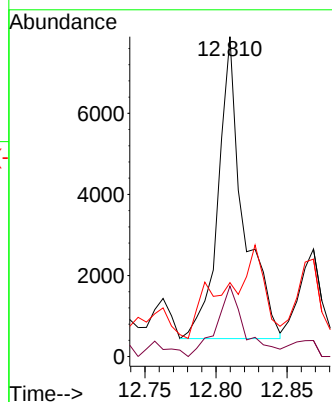
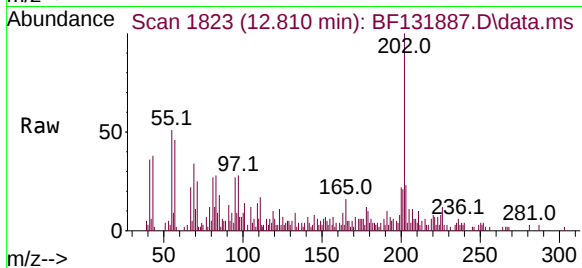
Tgt Ion:202 Resp: 9193

Ion Ratio Lower Upper

202 100

200 22.0 16.7 25.1

203 23.1 14.4 21.6#



#79

Terphenyl-d14

Concen: 75.830 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF131887.D

Acq: 29 Dec 2022 19:58

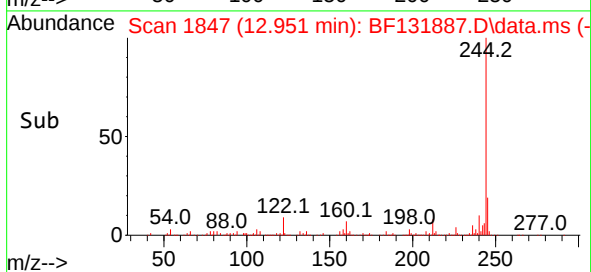
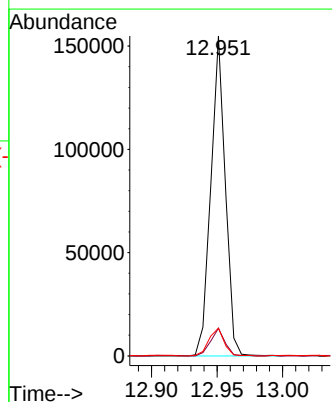
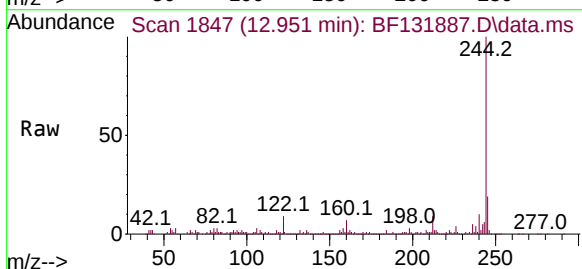
Tgt Ion:244 Resp: 119265

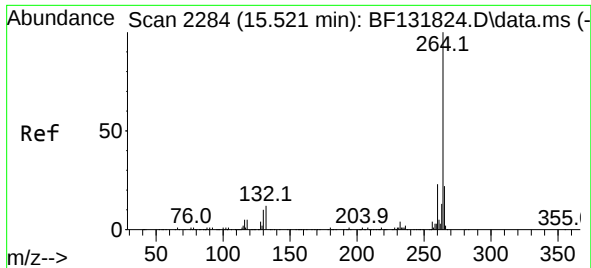
Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

122 8.7 6.4 9.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131887.D
 Acq: 29 Dec 2022 19:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DL

Tgt Ion:264	Resp:	22335
Ion Ratio	Lower	Upper
264	100	
260	26.2	18.6 28.0
265	22.2	17.4 26.0

