

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
 Data File : BF128737.D
 Acq On : 08 Jun 2022 16:02
 Operator : CG\JU
 Sample : N3209-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4-GR

Quant Time: Jun 09 03:17:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

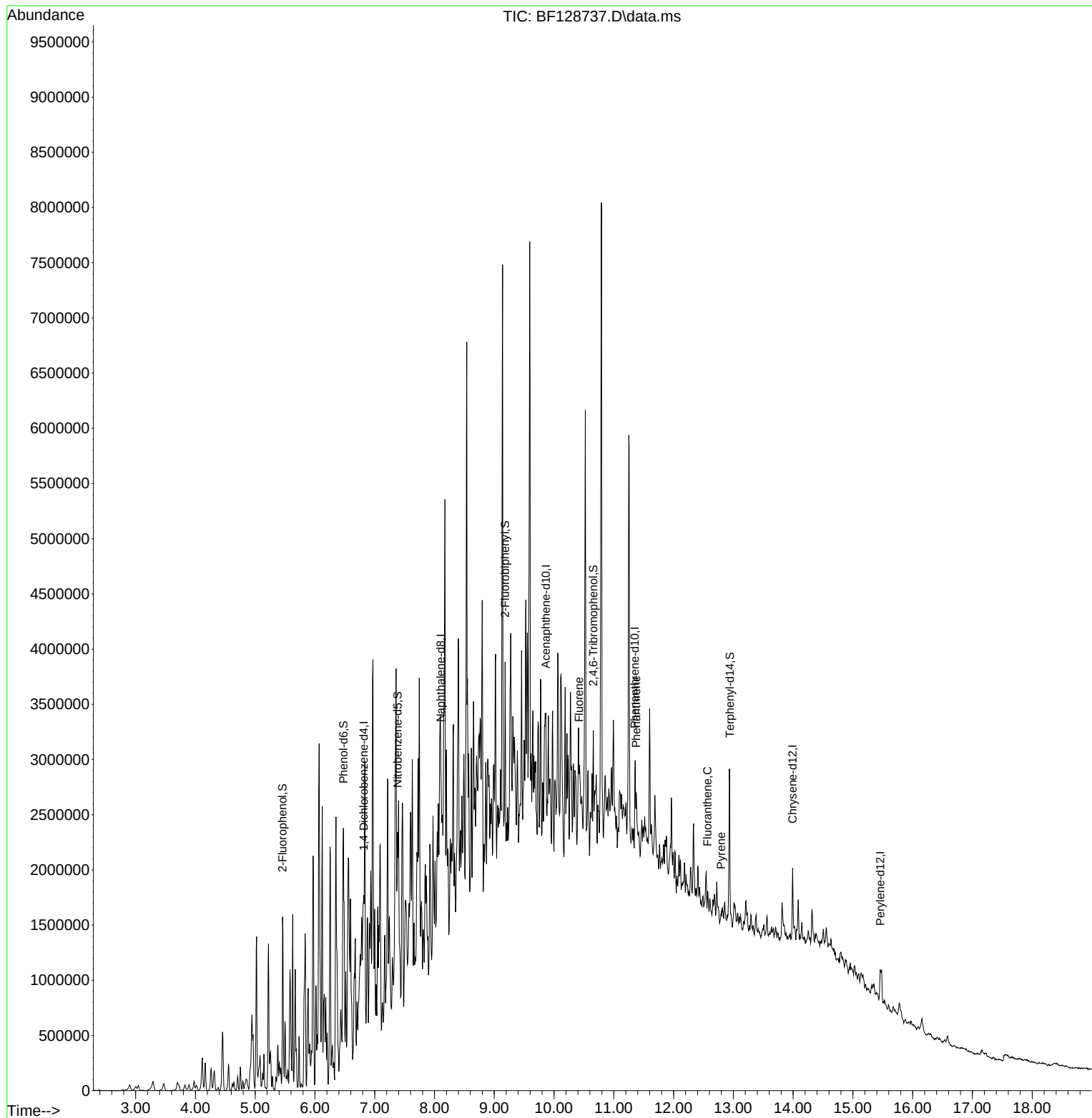
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	64962	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	185211	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	87920	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	150439	20.000	ng	# 0.01
76) Chrysene-d12	13.992	240	150139	20.000	ng	0.00
86) Perylene-d12	15.457	264	119464	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	387577	95.032	ng	0.00
7) Phenol-d6	6.475	99	458296	92.057	ng	0.00
23) Nitrobenzene-d5	7.381	82	324241	81.508	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	78030	75.114	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	393435	62.685	ng	0.00
79) Terphenyl-d14	12.939	244	440538	50.986	ng	0.00
Target Compounds						
						Qvalue
58) Fluorene	10.416	166	48012	8.584	ng	# 81
71) Phenanthrene	11.375	178	113606	15.056	ng	# 90
75) Fluoranthene	12.569	202	30526	3.870	ng	85
78) Pyrene	12.792	202	41637	3.727	ng	# 90

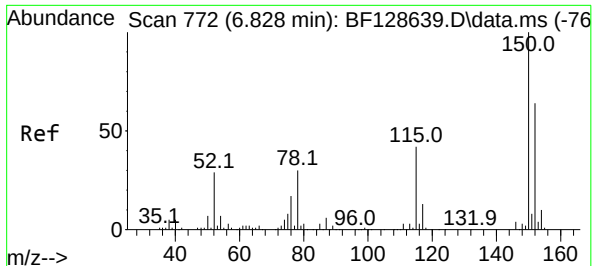
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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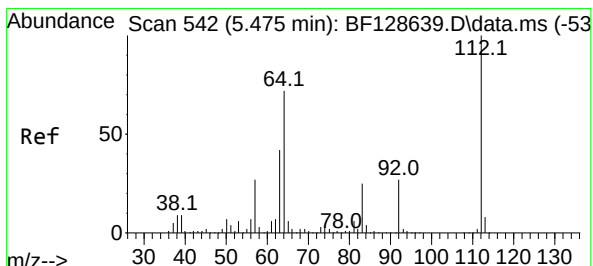
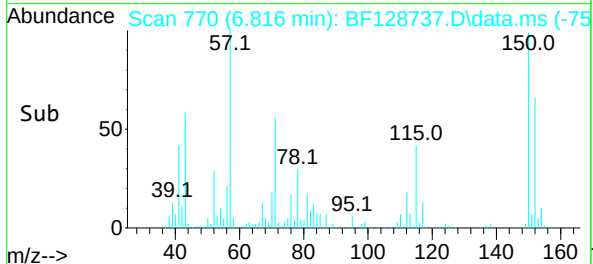
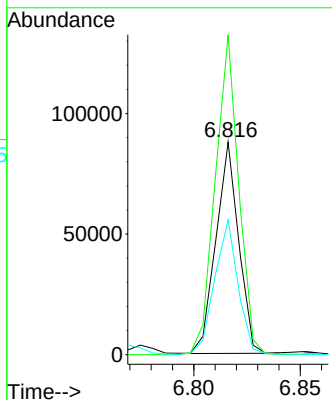
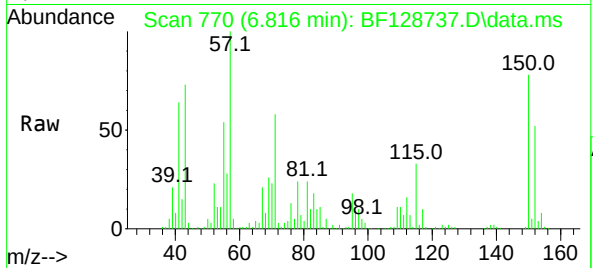




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

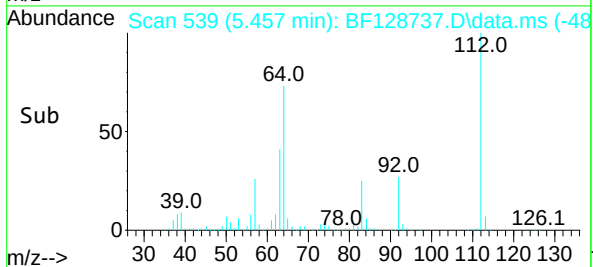
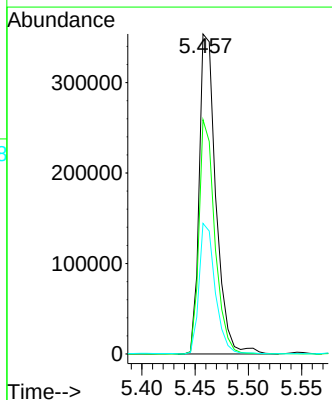
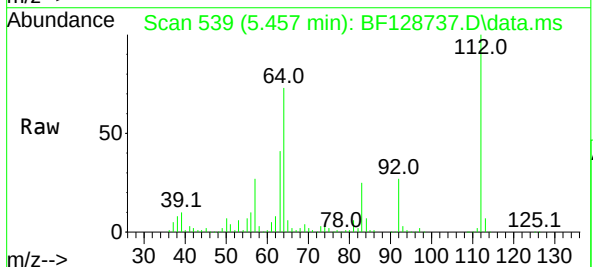
Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

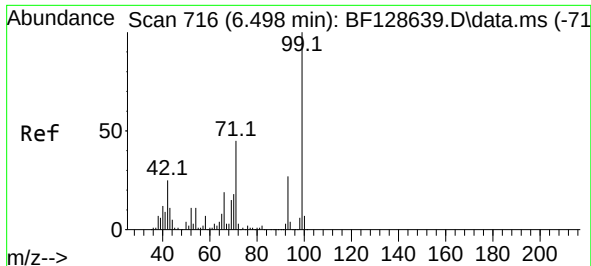
Tgt Ion:152 Resp: 64962
Ion Ratio Lower Upper
152 100
150 150.5 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 95.032 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

Tgt Ion:112 Resp: 387577
Ion Ratio Lower Upper
112 100
64 73.2 53.3 79.9
63 40.8 28.0 42.0

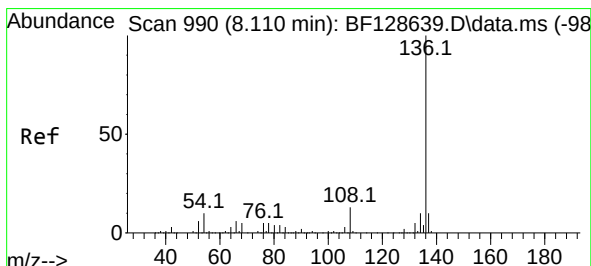
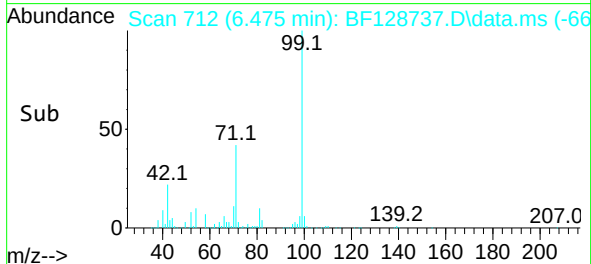
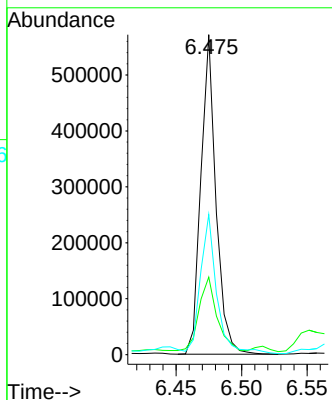
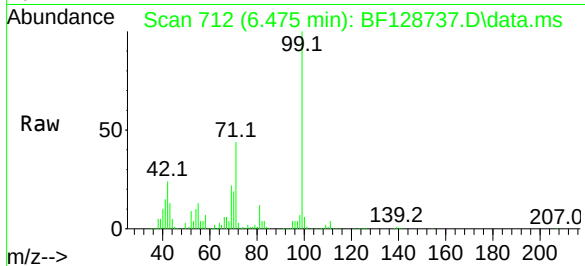




#7
Phenol-d6
Concen: 92.057 ng
RT: 6.475 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

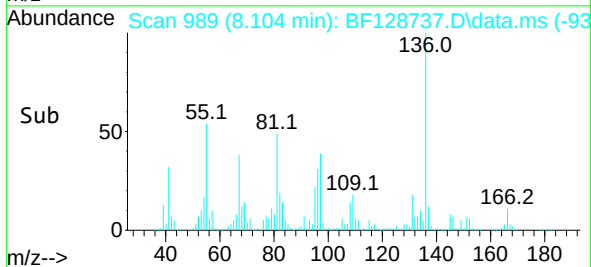
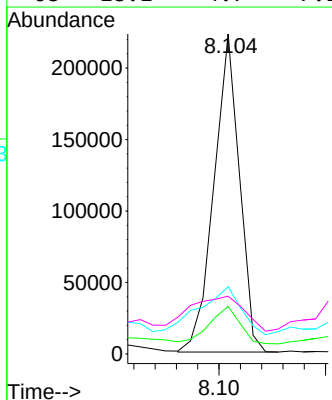
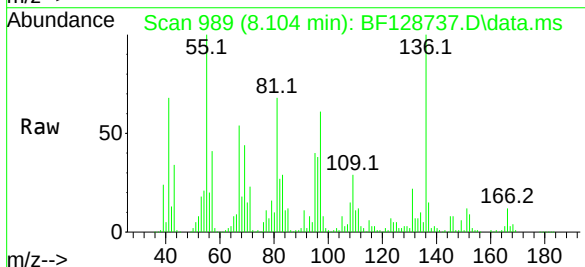
Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

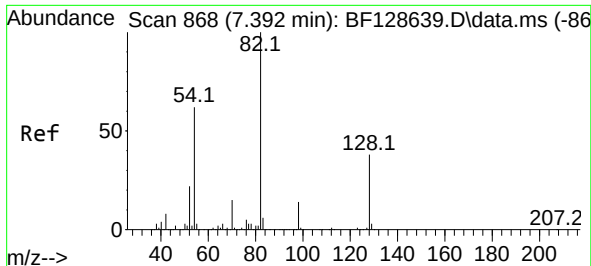
Tgt Ion: 99 Resp: 458296
Ion Ratio Lower Upper
99 100
42 24.2 17.3 25.9
71 43.8 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. 0.006 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

Tgt Ion: 136 Resp: 185211
Ion Ratio Lower Upper
136 100
137 14.9 8.8 13.2#
54 21.0 7.5 11.3#
68 18.1 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 81.508 ng

RT: 7.381 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF128737.D

Acq: 08 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

WC-14B-4-GR

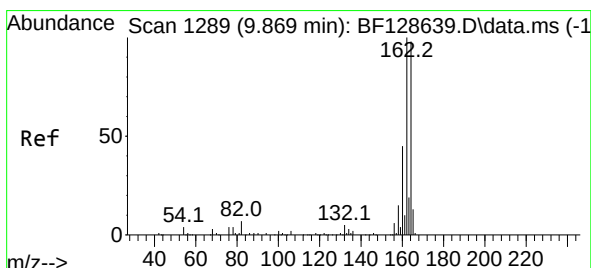
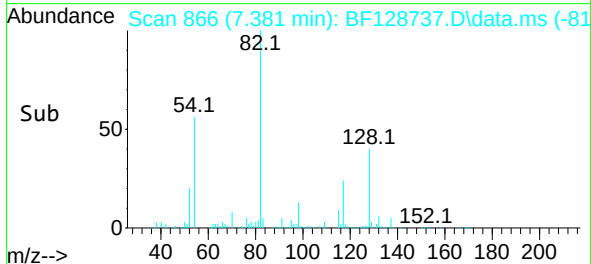
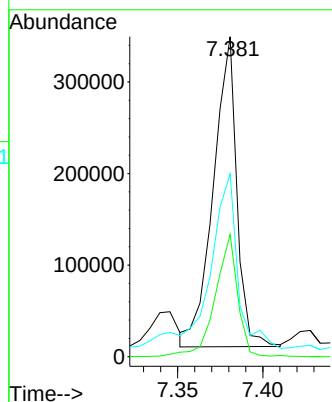
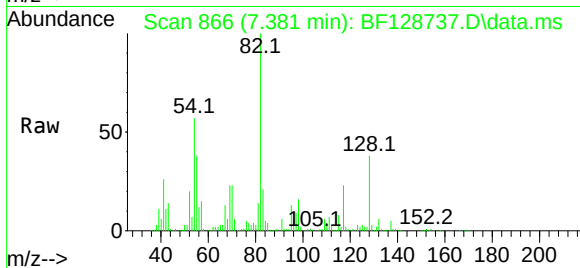
Tgt Ion: 82 Resp: 324241

Ion Ratio Lower Upper

82 100

128 38.2 34.0 51.0

54 57.1 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF128737.D

Acq: 08 Jun 2022 16:02

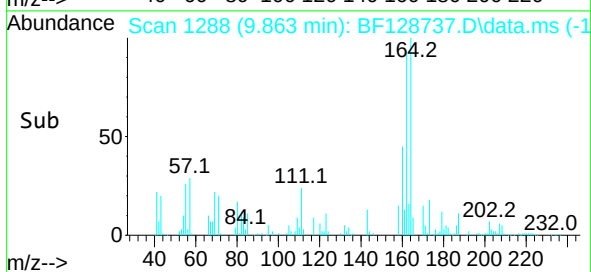
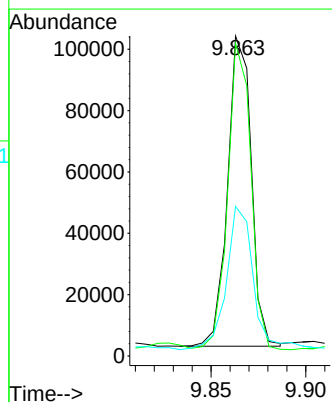
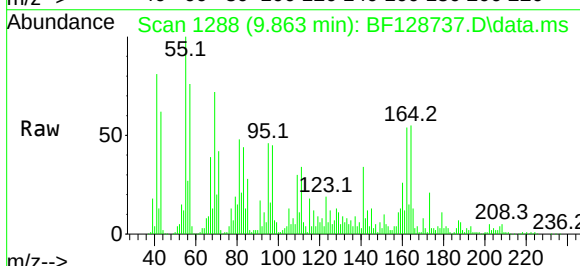
Tgt Ion: 164 Resp: 87920

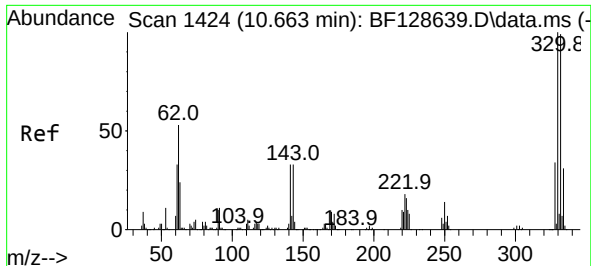
Ion Ratio Lower Upper

164 100

162 97.7 79.5 119.3

160 46.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 75.114 ng

RT: 10.657 min Scan# 1423

Delta R.T. 0.006 min

Lab File: BF128737.D

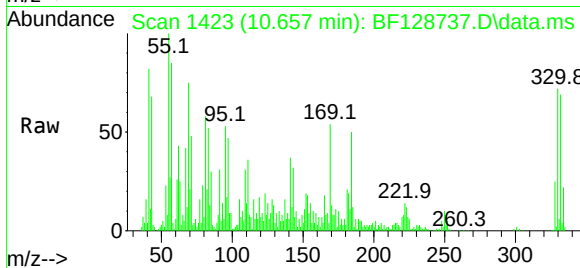
Acq: 08 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

WC-14B-4-GR



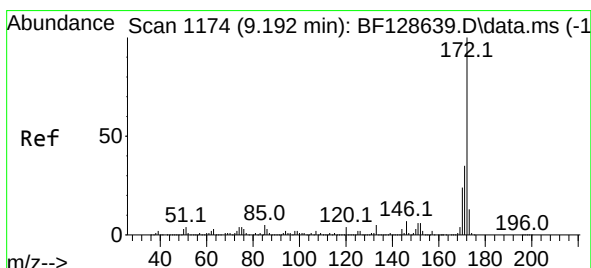
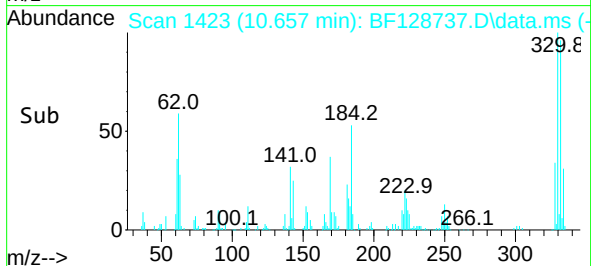
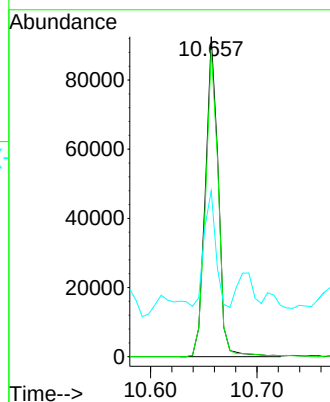
Tgt Ion:330 Resp: 78030

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 32.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 62.685 ng

RT: 9.181 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF128737.D

Acq: 08 Jun 2022 16:02

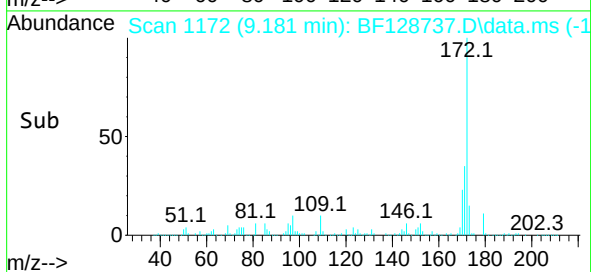
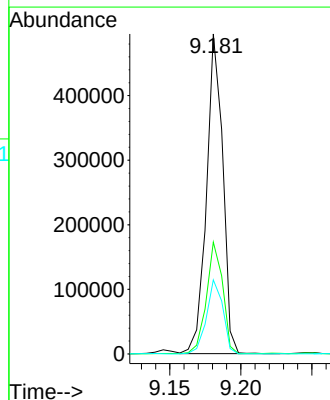
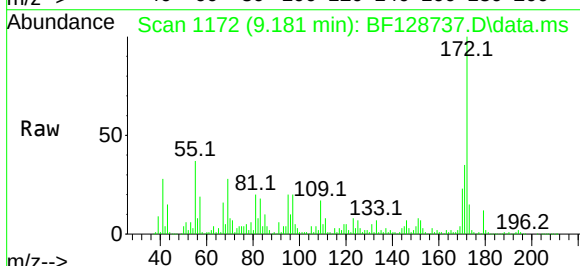
Tgt Ion:172 Resp: 393435

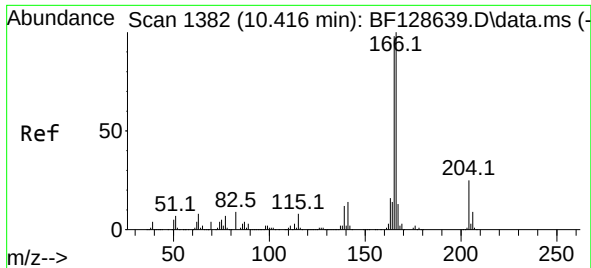
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.1 19.8 29.8

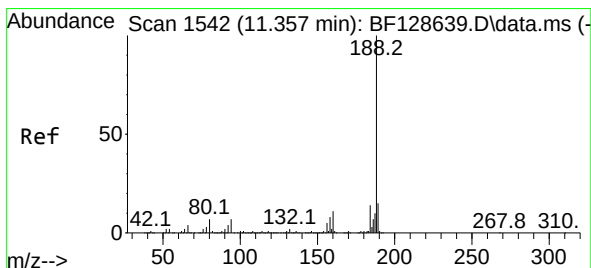
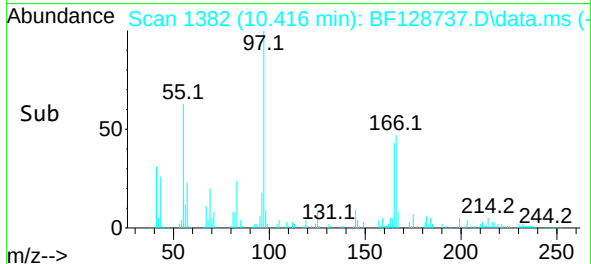
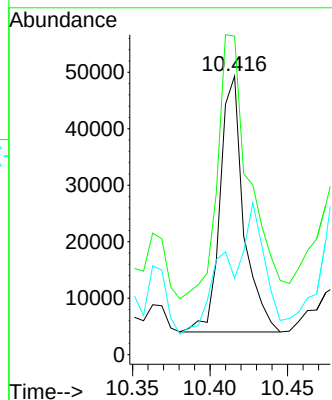
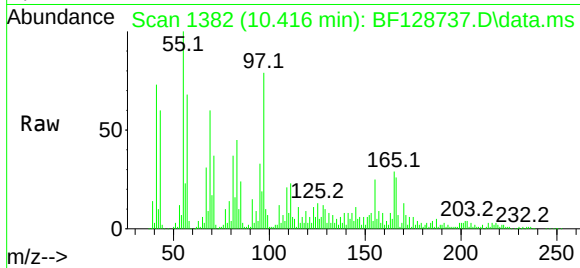




#58
Fluorene
Concen: 8.584 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

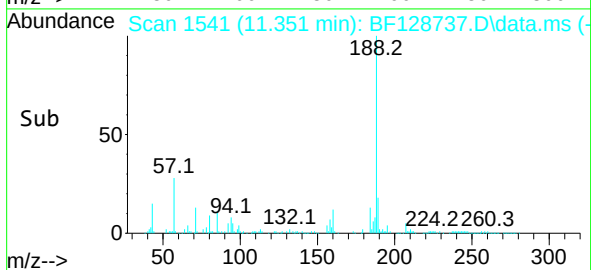
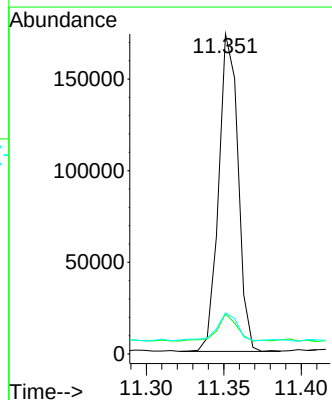
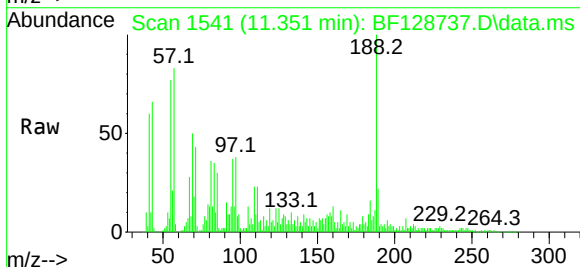
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WC-14B-4-GR

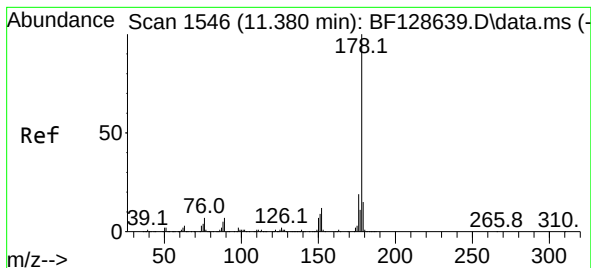
Tgt Ion:166 Resp: 48012
Ion Ratio Lower Upper
166 100
165 114.3 78.1 117.1
167 27.4 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

Tgt Ion:188 Resp: 150439
Ion Ratio Lower Upper
188 100
94 12.6 7.0 10.6#
80 12.9 7.6 11.4#





#71

Phenanthrene

Concen: 15.056 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128737.D

Acq: 08 Jun 2022 16:02

Instrument :

BNA_F

ClientSampleId :

WC-14B-4-GR

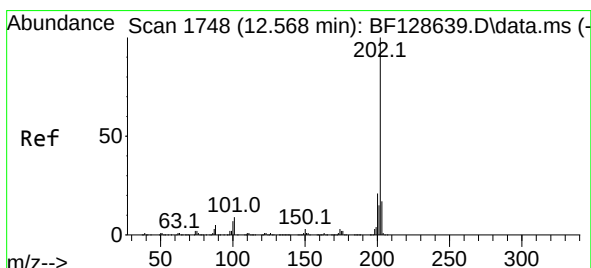
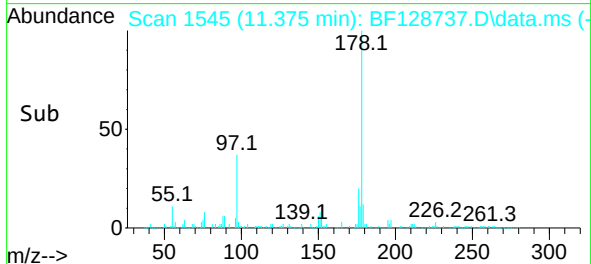
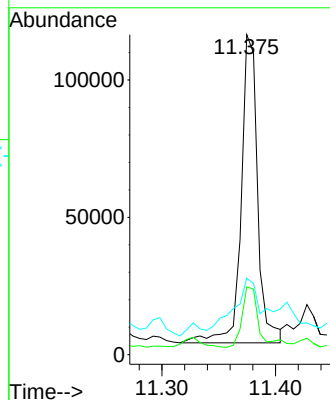
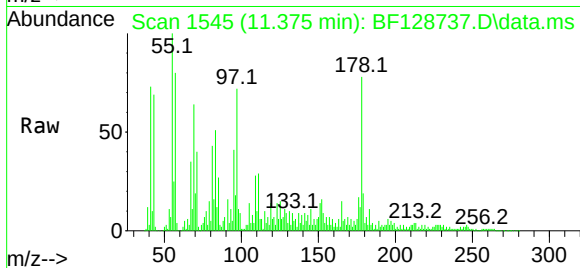
Tgt Ion:178 Resp: 113606

Ion Ratio Lower Upper

178 100

176 21.2 16.0 24.0

179 23.9 12.6 19.0#



#75

Fluoranthene

Concen: 3.870 ng

RT: 12.569 min Scan# 1748

Delta R.T. 0.012 min

Lab File: BF128737.D

Acq: 08 Jun 2022 16:02

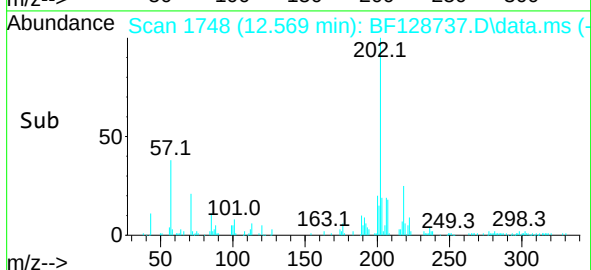
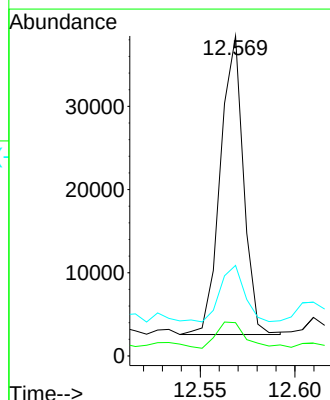
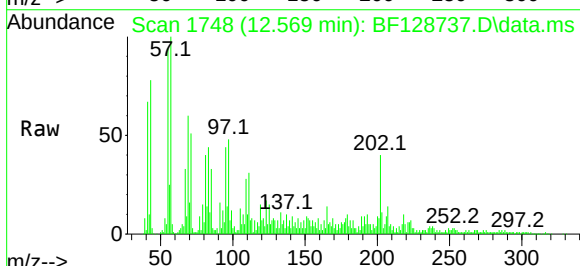
Tgt Ion:202 Resp: 30526

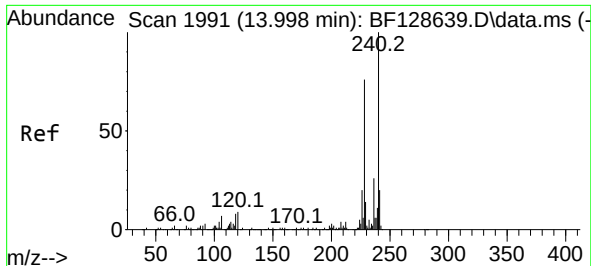
Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

203 28.3 0.0 38.0

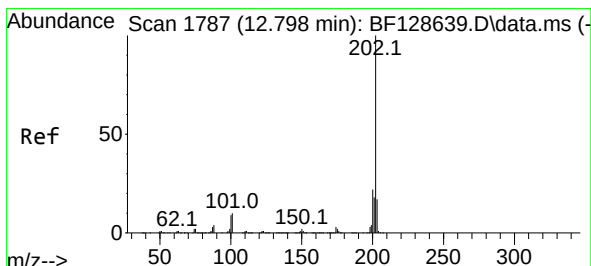
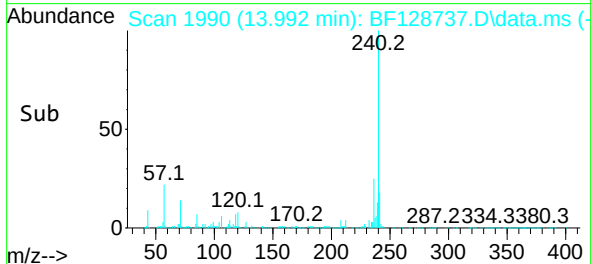
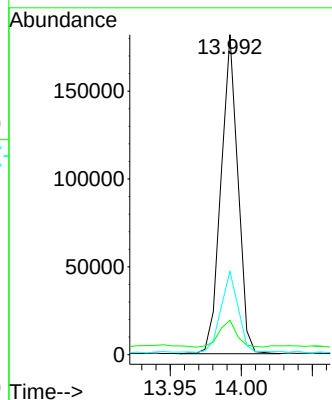
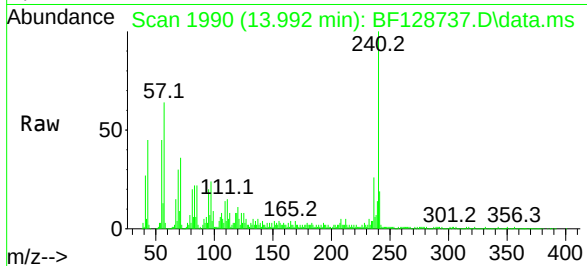




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

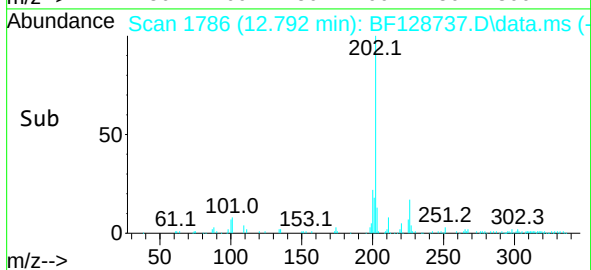
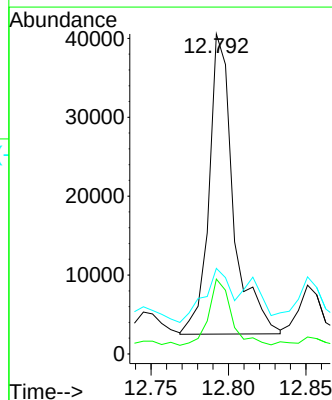
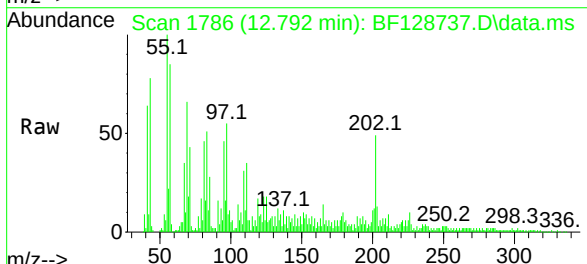
Instrument :
BNA_F
ClientSampleId :
WC-14B-4-GR

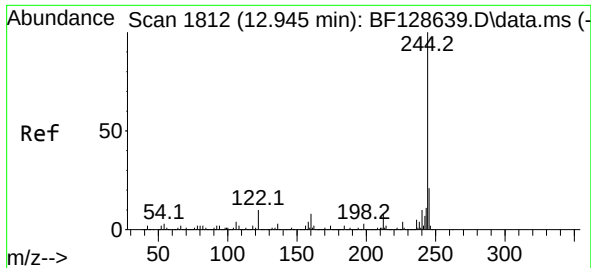
Tgt Ion:240 Resp: 150139
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.0 20.8 31.2



#78
Pyrene
Concen: 3.727 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF128737.D
Acq: 08 Jun 2022 16:02

Tgt Ion:202 Resp: 41637
Ion Ratio Lower Upper
202 100
200 23.4 17.7 26.5
203 26.7 14.6 21.8#

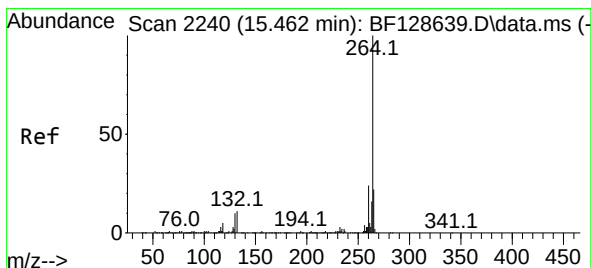
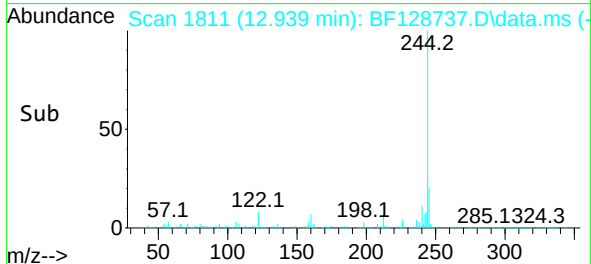
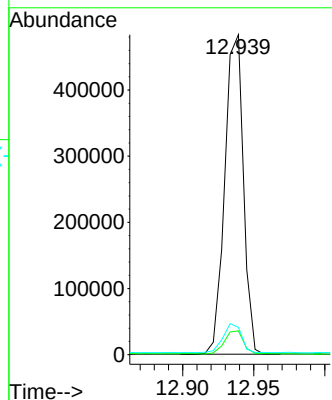
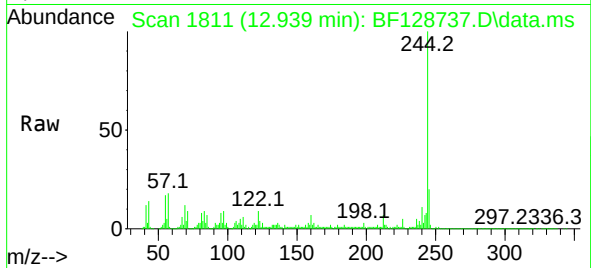




#79
 Terphenyl-d14
 Concen: 50.986 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128737.D
 Acq: 08 Jun 2022 16:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-4-GR

Tgt Ion:244 Resp: 440538
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.6 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. 0.012 min
 Lab File: BF128737.D
 Acq: 08 Jun 2022 16:02

Tgt Ion:264 Resp: 119464
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.5 17.2 25.8

