

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
 Data File : BF128738.D
 Acq On : 08 Jun 2022 16:32
 Operator : CG\JU
 Sample : N3202-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Quant Time: Jun 09 03:17:20 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)

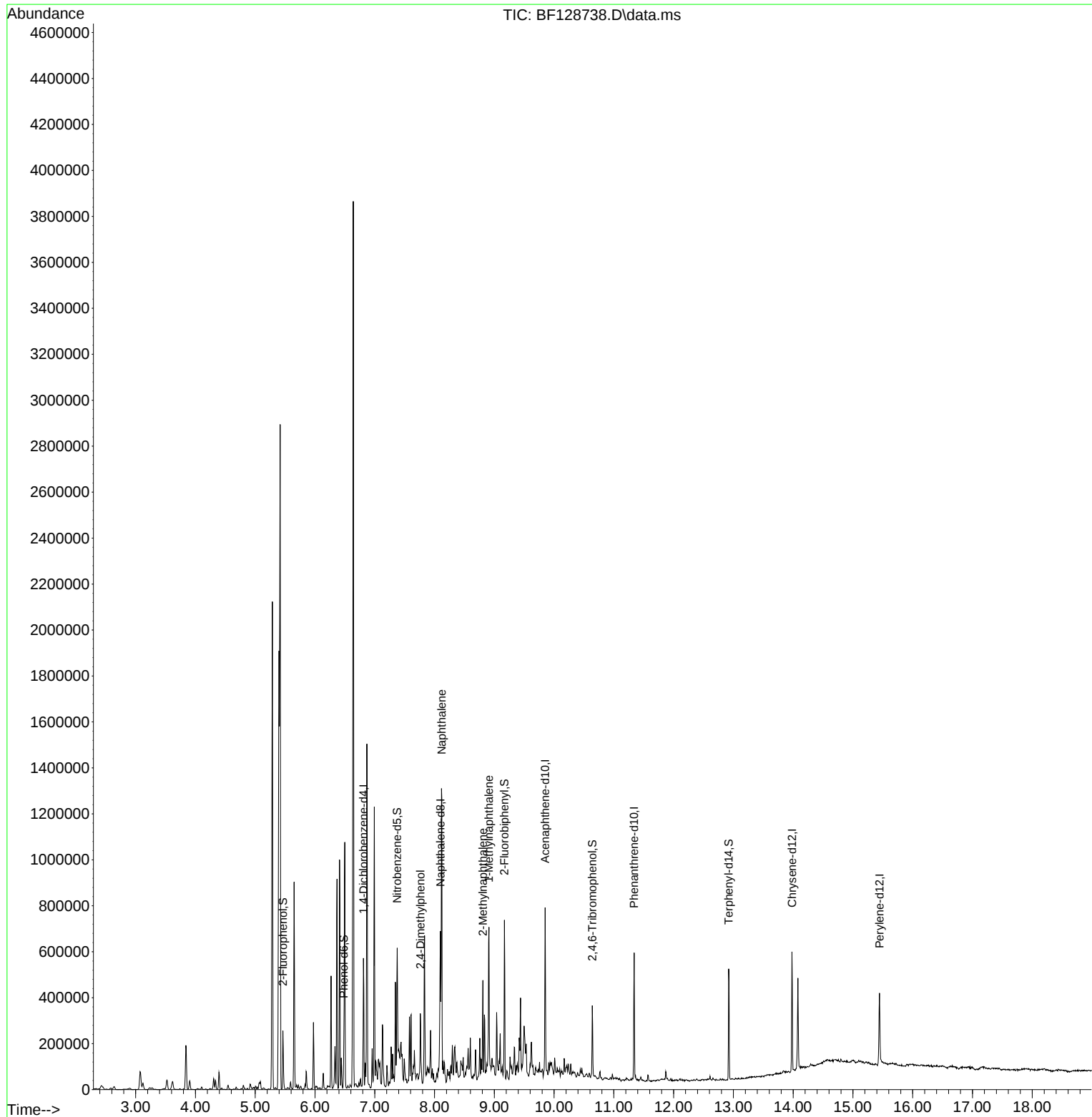
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	68929	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	245603	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	116881	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	186199	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	166710	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	135582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	56562	13.071	ng	0.00
7) Phenol-d6	6.481	99	47494	8.991	ng	0.00
23) Nitrobenzene-d5	7.375	82	98603	18.692	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	33448	24.220	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	177701	21.297	ng	0.00
79) Terphenyl-d14	12.922	244	155329	16.190	ng	-0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	7.763	122	16183	4.979	ng	88
31) Naphthalene	8.122	128	508624	40.353	ng	98
37) 2-Methylnaphthalene	8.810	142	90018	11.228	ng	100
38) 1-Methylnaphthalene	8.910	142	62438	8.061	ng	97

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

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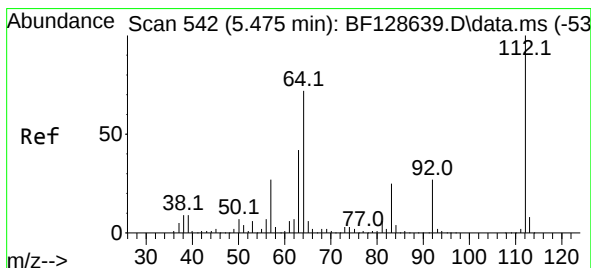
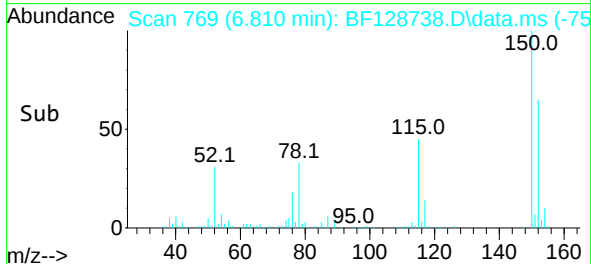
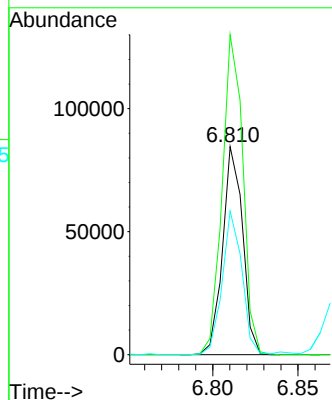
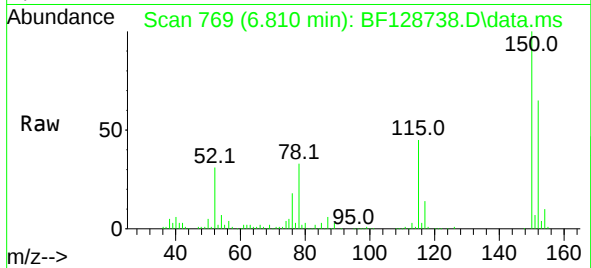




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

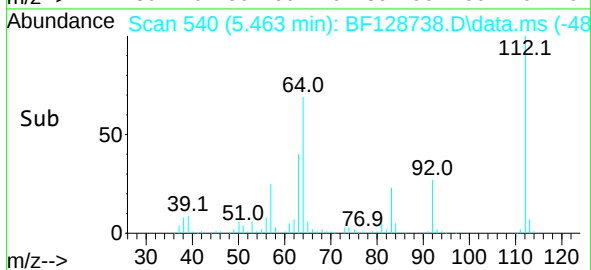
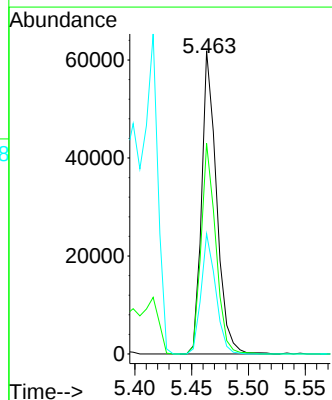
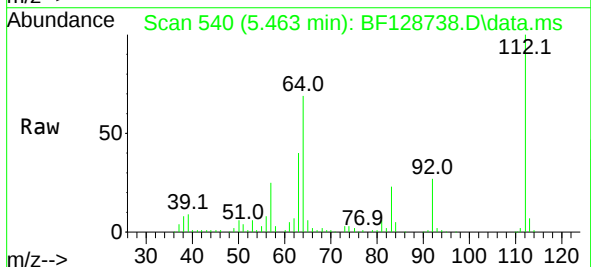
Instrument :
BNA_F
ClientSampleId :
MW-15DL

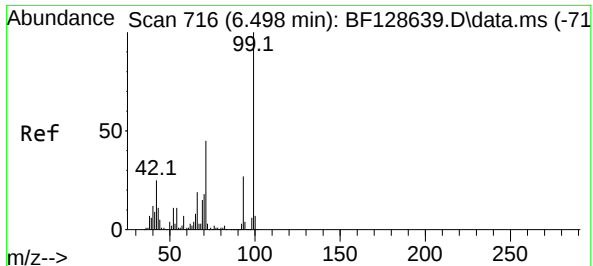
Tgt Ion:152 Resp: 68929
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 69.1 49.9 74.9



#5
2-Fluorophenol
Concen: 13.071 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

Tgt Ion:112 Resp: 56562
Ion Ratio Lower Upper
112 100
64 69.5 53.3 79.9
63 39.6 28.0 42.0

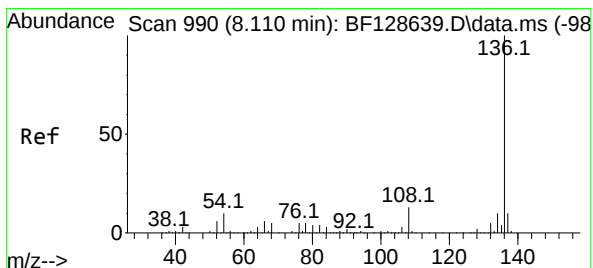
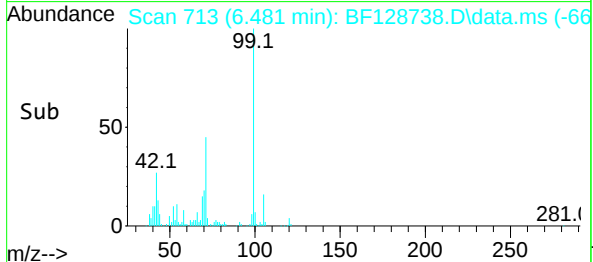
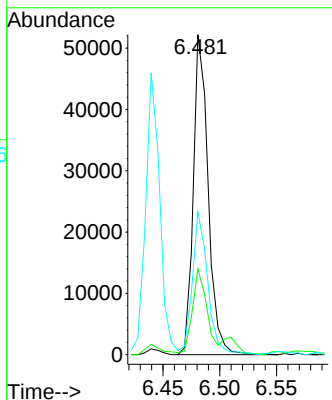
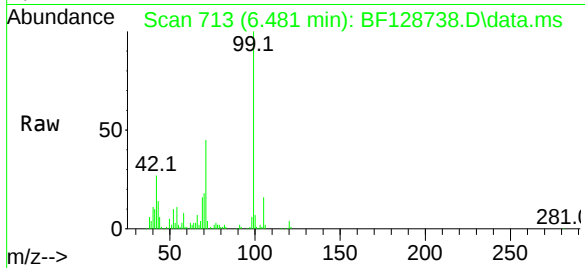




#7
Phenol-d6
Concen: 8.991 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

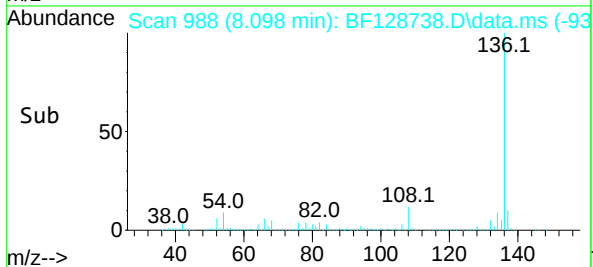
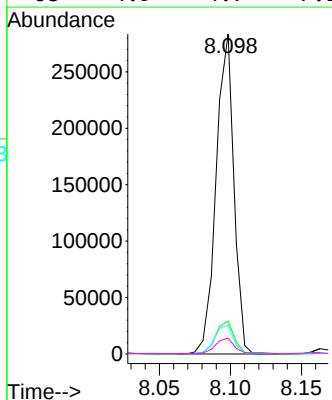
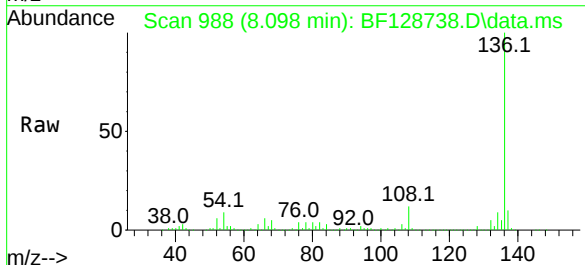
Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion: 99 Resp: 47494
Ion Ratio Lower Upper
99 100
42 26.9 17.3 25.9#
71 44.7 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

Tgt Ion: 136 Resp: 245603
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 8.9 7.5 11.3
68 4.9 4.7 7.1

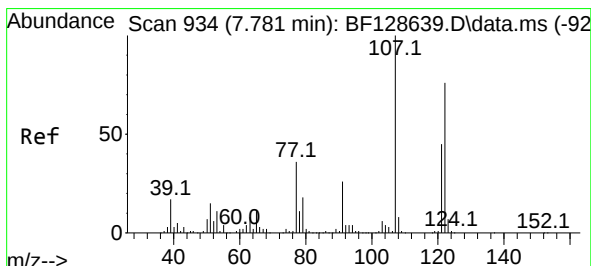
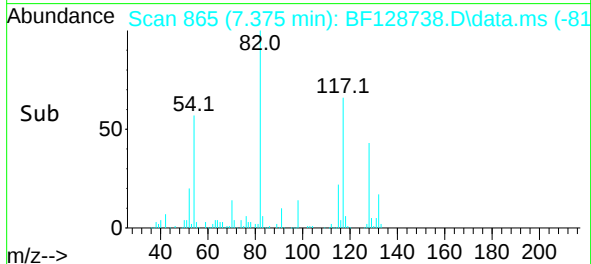
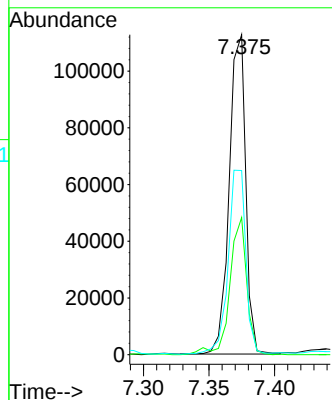
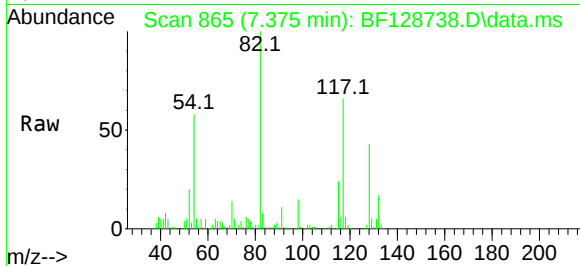




#23
Nitrobenzene-d5
Concen: 18.692 ng
RT: 7.375 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

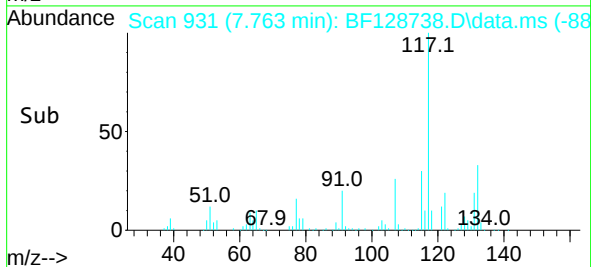
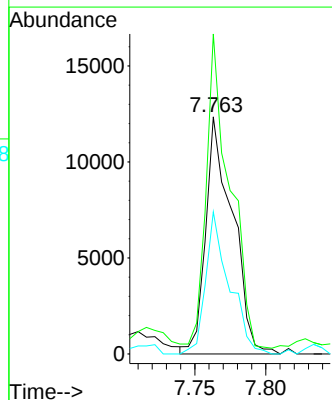
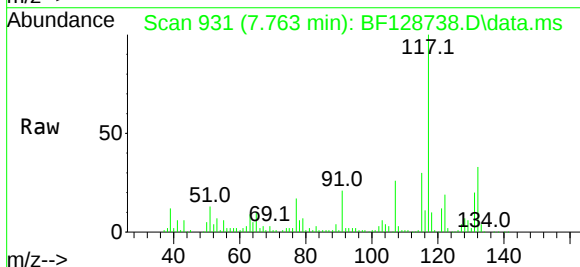
Instrument :
BNA_F
ClientSampleId :
MW-15DL

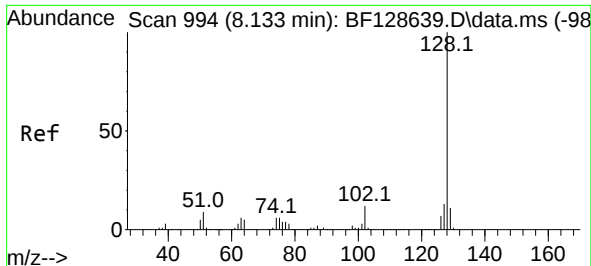
Tgt Ion: 82 Resp: 98603
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 57.5 46.9 70.3



#27
2,4-Dimethylphenol
Concen: 4.979 ng
RT: 7.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

Tgt Ion: 122 Resp: 16183
Ion Ratio Lower Upper
122 100
107 135.0 93.0 139.6
121 59.9 46.6 70.0

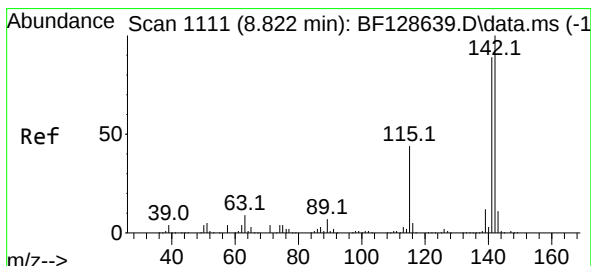
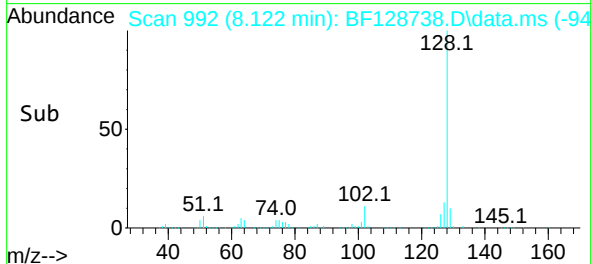
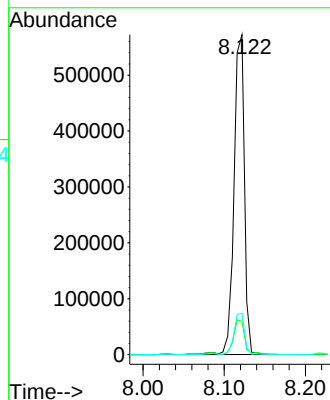
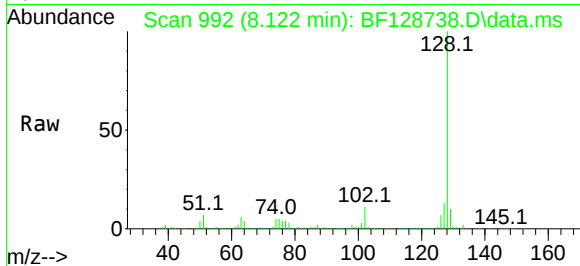




#31
Naphthalene
Concen: 40.353 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

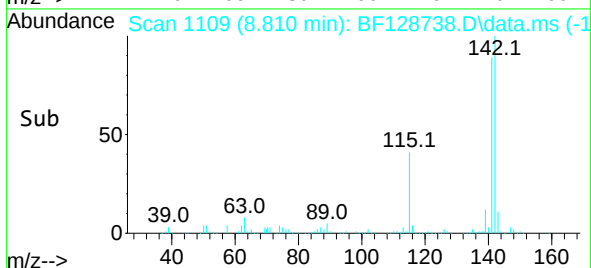
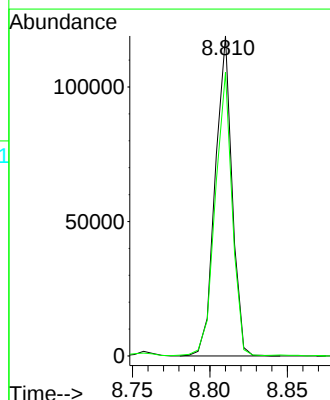
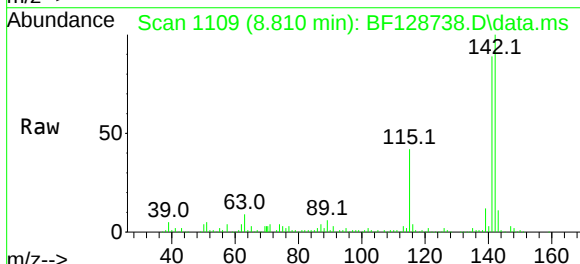
Instrument :
BNA_F
ClientSampleId :
MW-15DL

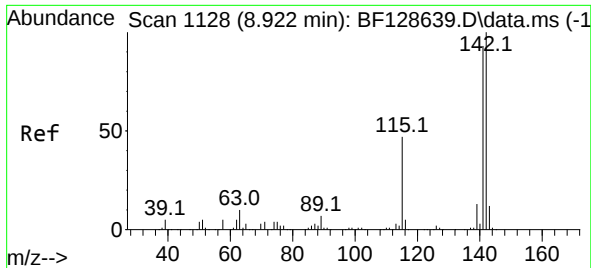
Tgt Ion:128 Resp: 508624
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 12.9 10.5 15.7



#37
2-Methylnaphthalene
Concen: 11.228 ng
RT: 8.810 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

Tgt Ion:142 Resp: 90018
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4

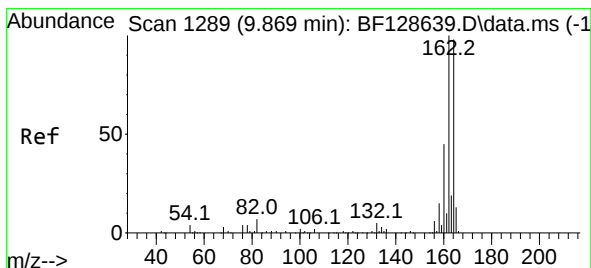
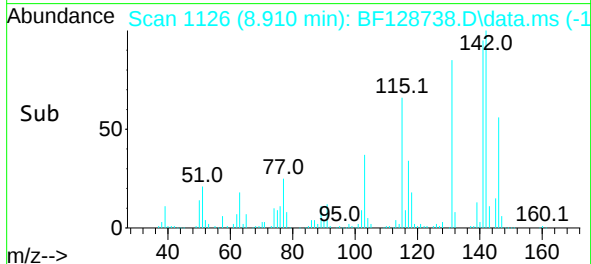
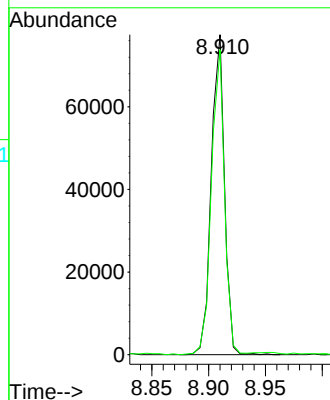
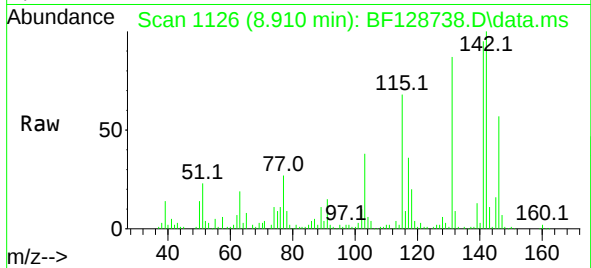




#38
1-Methylnaphthalene
Concen: 8.061 ng
RT: 8.910 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

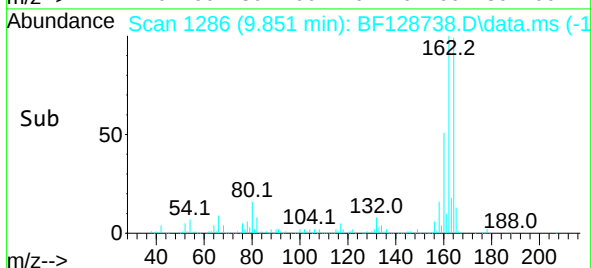
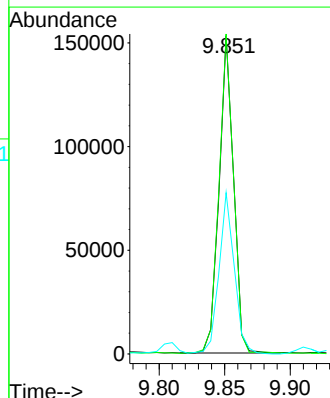
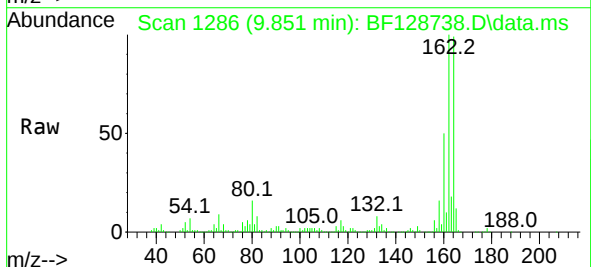
Instrument :
BNA_F
ClientSampleId :
MW-15DL

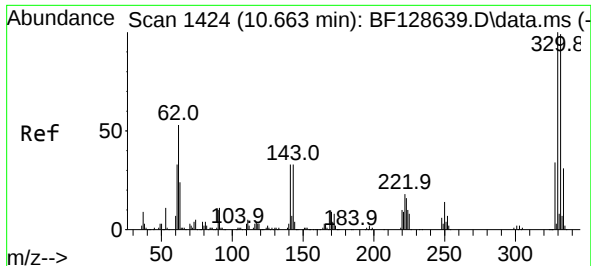
Tgt Ion:142 Resp: 62438
Ion Ratio Lower Upper
142 100
141 95.3 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

Tgt Ion:164 Resp: 116881
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 50.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 24.220 ng

RT: 10.639 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128738.D

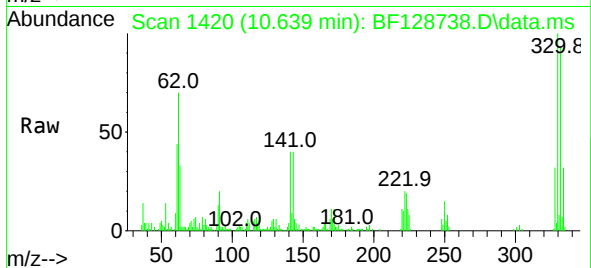
Acq: 08 Jun 2022 16:32

Instrument :

BNA_F

ClientSampleId :

MW-15DL



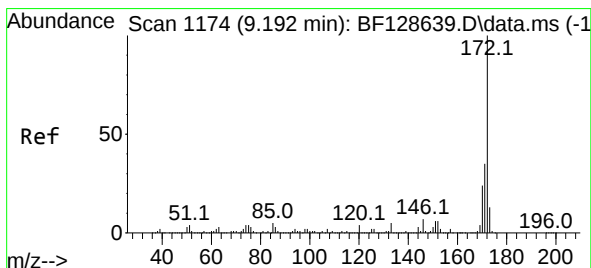
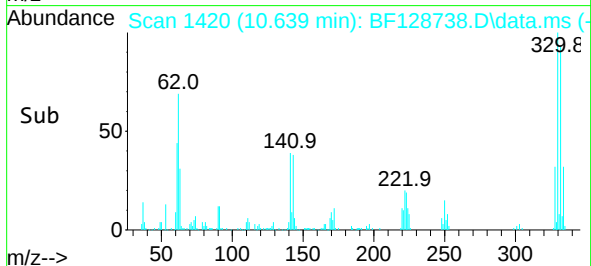
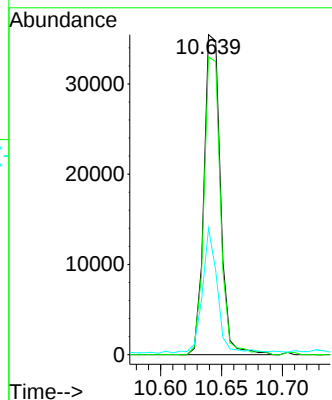
Tgt Ion:330 Resp: 33448

Ion Ratio Lower Upper

330 100

332 93.0 76.8 115.2

141 35.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 21.297 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128738.D

Acq: 08 Jun 2022 16:32

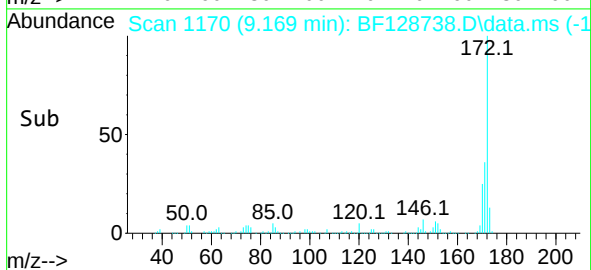
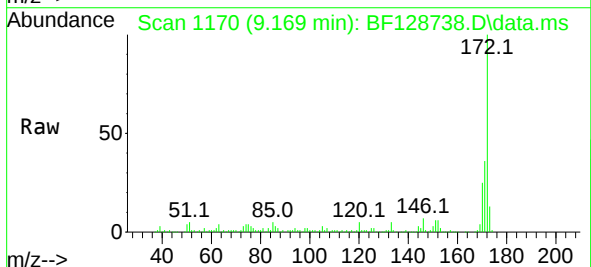
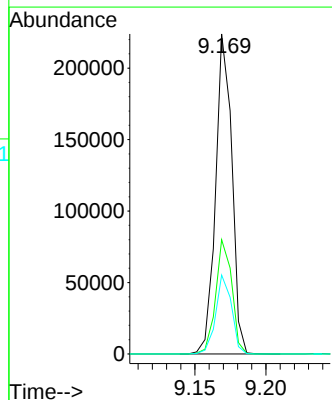
Tgt Ion:172 Resp: 177701

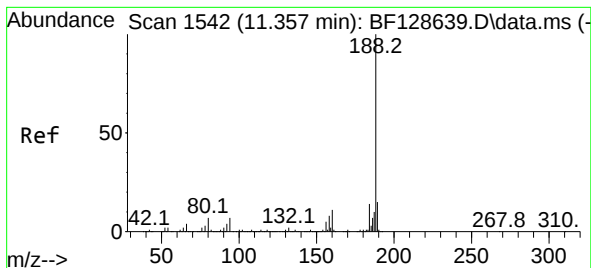
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128738.D

Acq: 08 Jun 2022 16:32

Instrument :

BNA_F

ClientSampleId :

MW-15DL

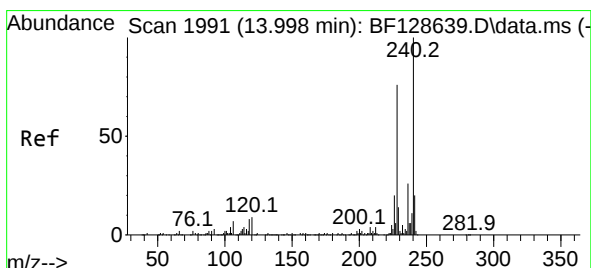
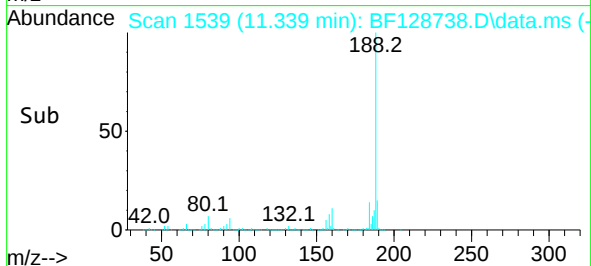
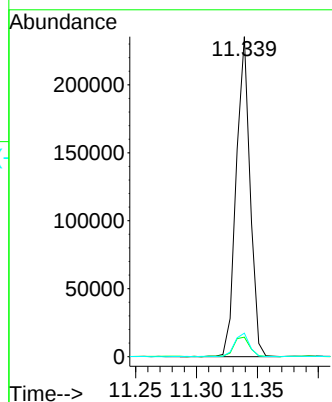
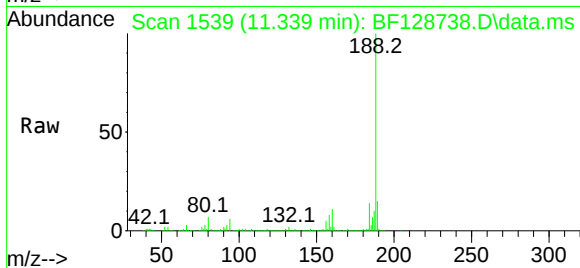
Tgt Ion:188 Resp: 186199

Ion Ratio Lower Upper

188 100

94 6.1 7.0 10.6#

80 7.4 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BF128738.D

Acq: 08 Jun 2022 16:32

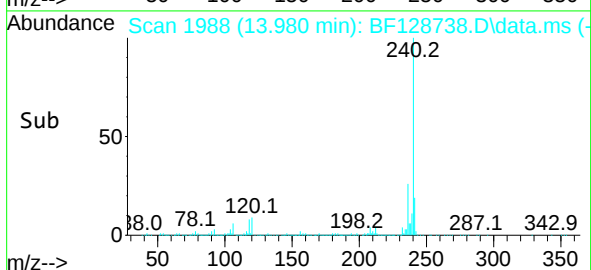
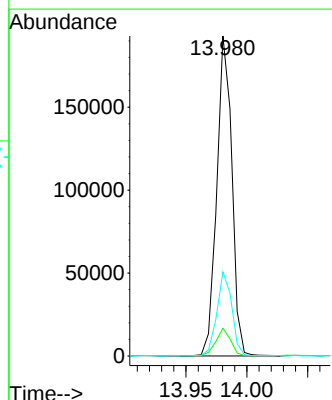
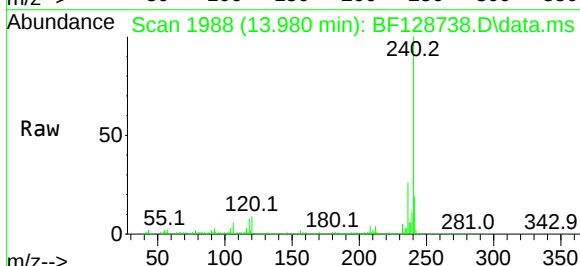
Tgt Ion:240 Resp: 166710

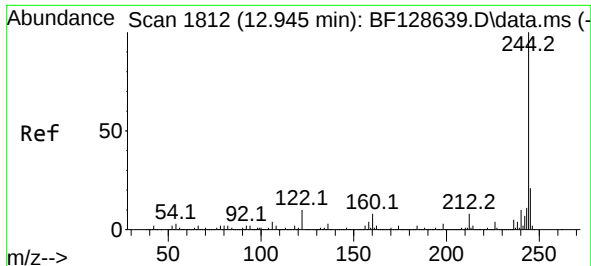
Ion Ratio Lower Upper

240 100

120 8.6 8.9 13.3#

236 26.3 20.8 31.2

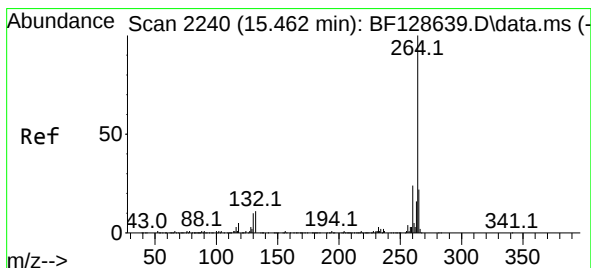
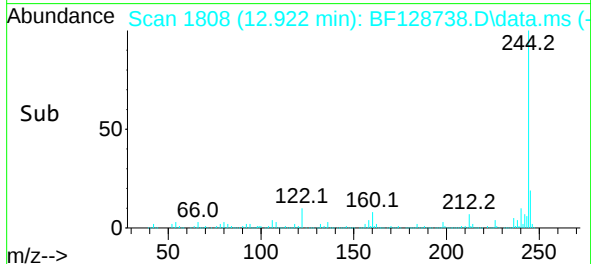
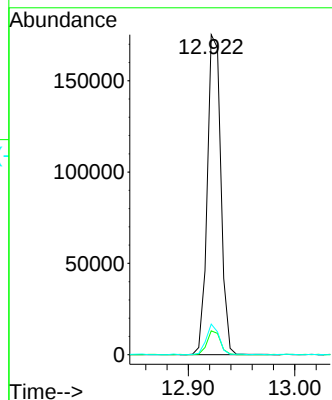
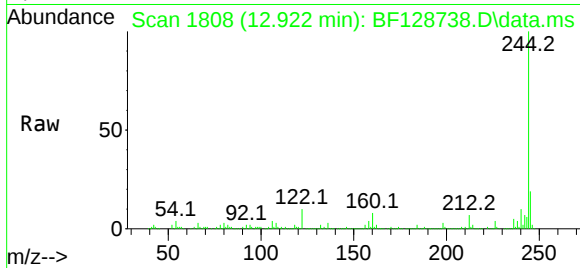




#79
 Terphenyl-d14
 Concen: 16.190 ng
 RT: 12.922 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128738.D
 Acq: 08 Jun 2022 16:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Tgt Ion:244 Resp: 155329
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2237
 Delta R.T. -0.000 min
 Lab File: BF128738.D
 Acq: 08 Jun 2022 16:32

Tgt Ion:264 Resp: 135582
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 20.8 17.2 25.8

