

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)

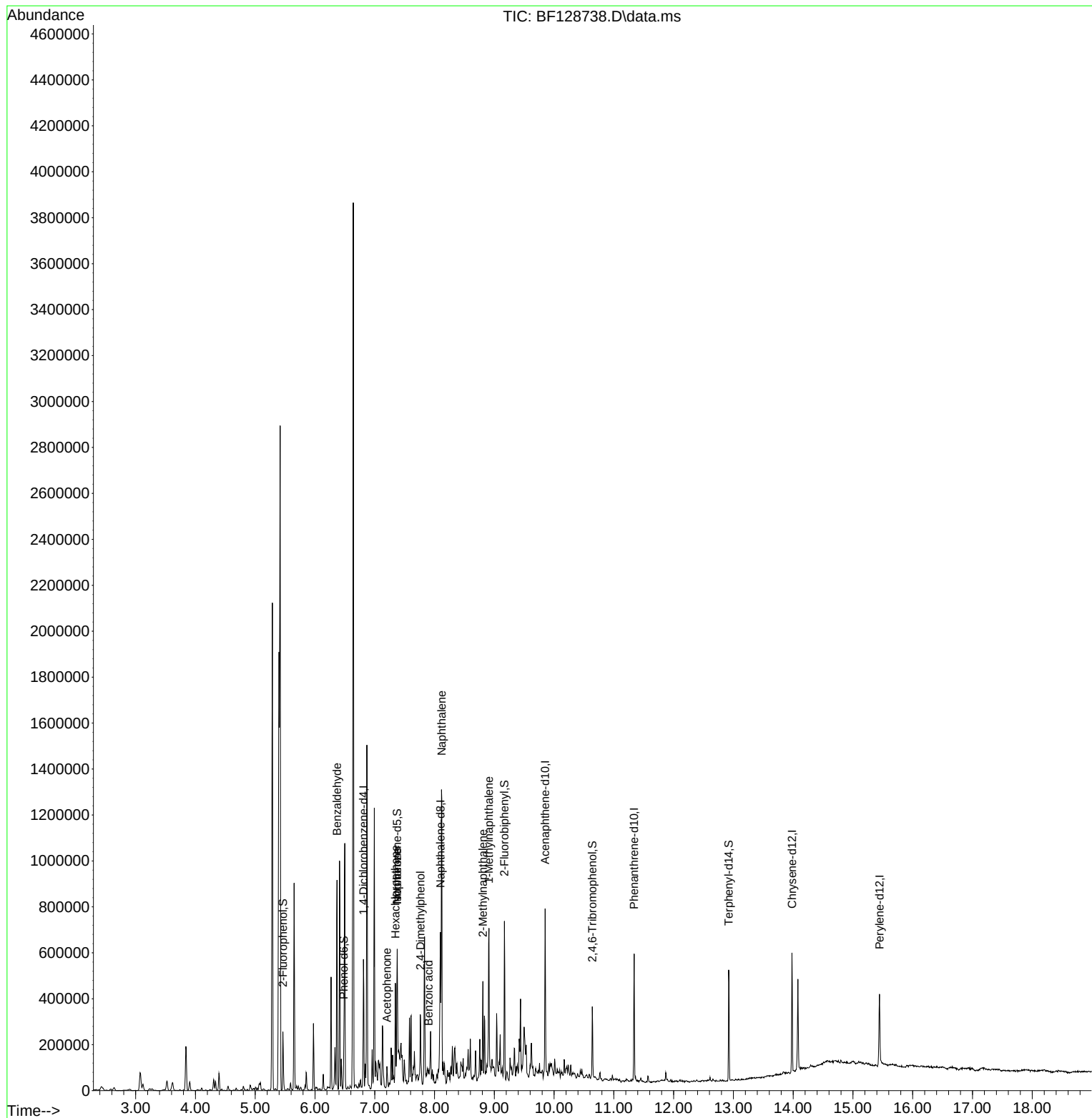
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	68929	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	245603	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	116881	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	186199	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	166710	20.000	ng	# 0.00
86) Perylene-d12	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
9) Benzaldehyde	6.369	77	36957	11.484	ng	# 1
18) Hexachloroethane	7.345	117	26793	13.930	ng	# 1
22) Acetophenone	7.204	105	28627	4.457	ng	# 56
25) Isophorone	7.375	82	96985	12.105	ng	# 66
27) 2,4-Dimethylphenol	7.763	122	16183	4.979	ng	88
31) Naphthalene	8.122	128	508624	40.353	ng	98
32) Benzoic acid	7.898	122	6903	2.993	ng	# 30
37) 2-Methylnaphthalene	8.810	142	90018	11.228	ng	100
38) 1-Methylnaphthalene	8.910	142	62438	8.061	ng	97

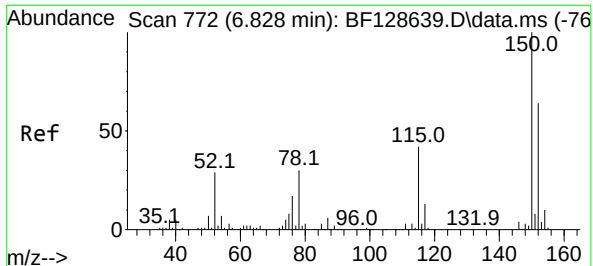
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

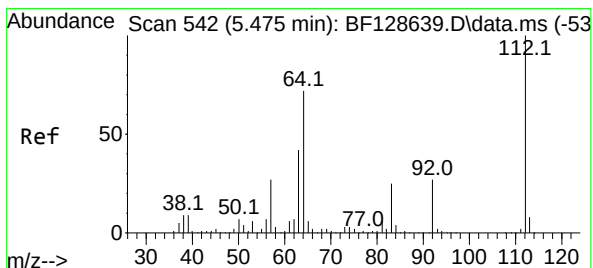
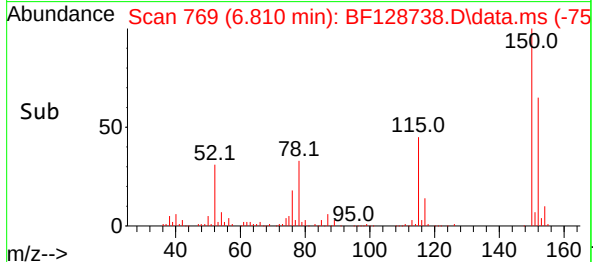
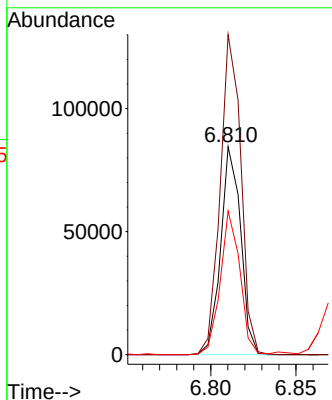
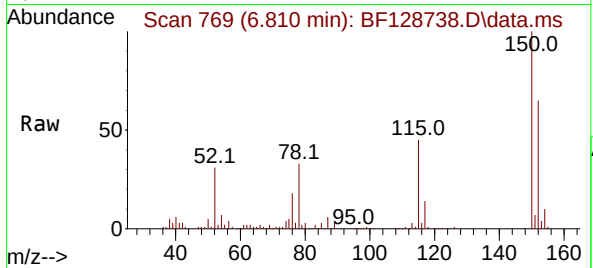




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

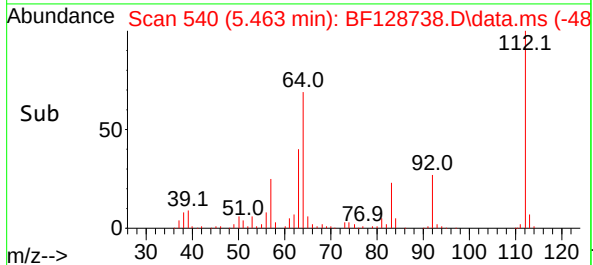
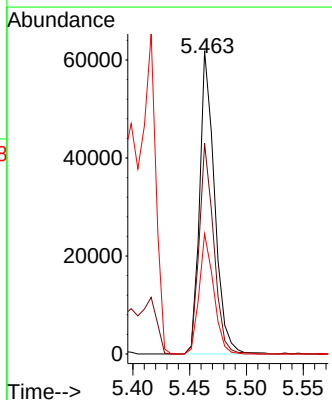
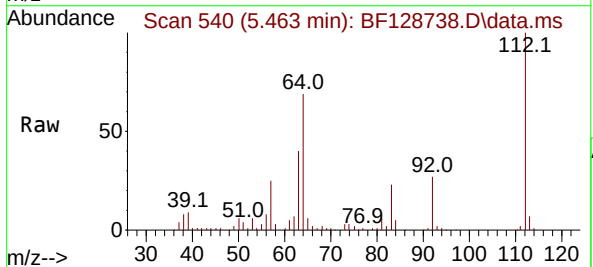
Instrument :
BNA_F
ClientSampleId :
MW-15DL

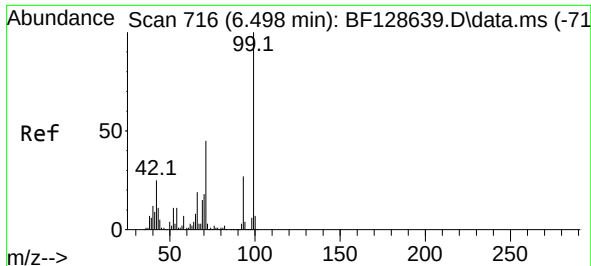
Tgt Ion:152 Resp: 68929
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 69.1 49.9 74.9



#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

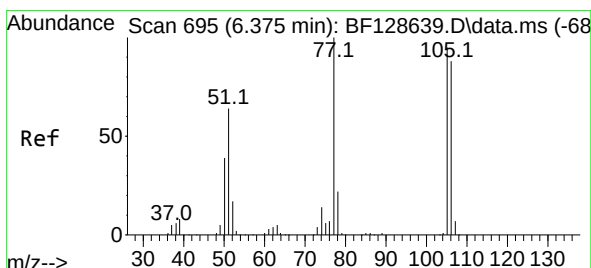
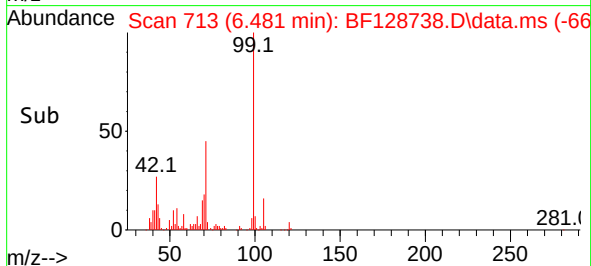
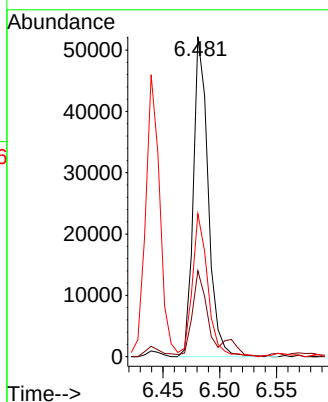
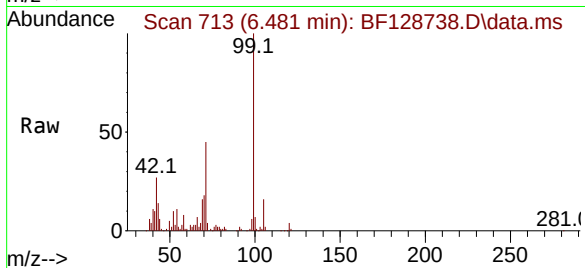
Tgt Ion: 99 Resp: 47494

Ion Ratio Lower Upper

99 100

42 26.9 17.3 25.9#

71 44.7 28.9 43.3#



#9

Benzaldehyde

Concen: 11.484 ng

RT: 6.369 min Scan# 694

Delta R.T. 0.006 min

Lab File: BF128738.D

Acq: 08 Jun 2022 16:32

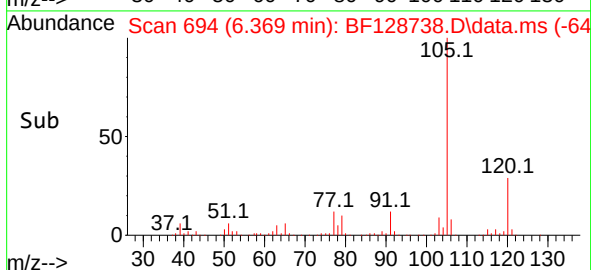
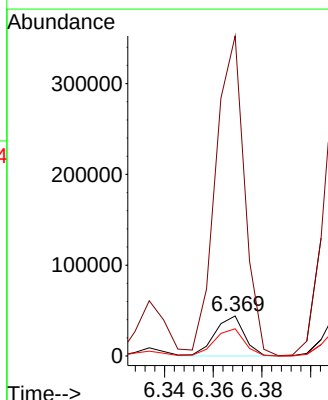
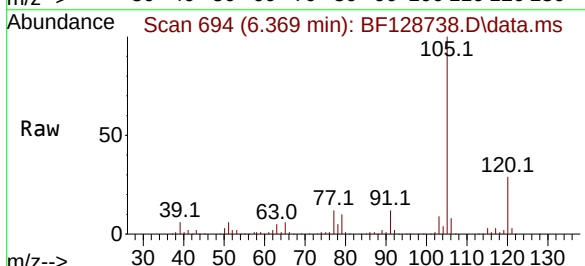
Tgt Ion: 77 Resp: 36957

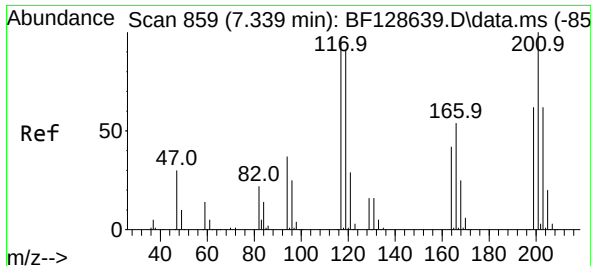
Ion Ratio Lower Upper

77 100

105 800.3 81.6 121.6#

106 67.9 76.1 116.1#

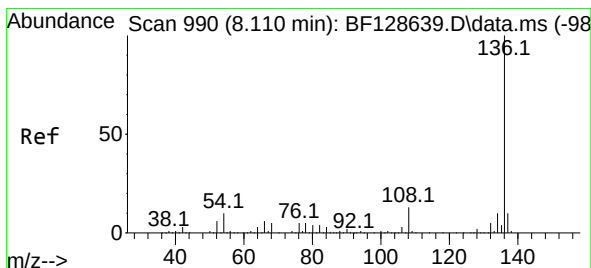
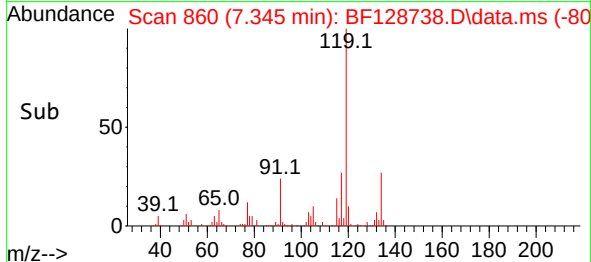
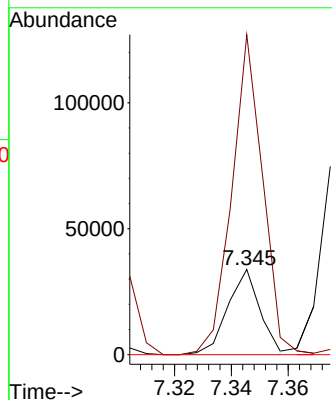
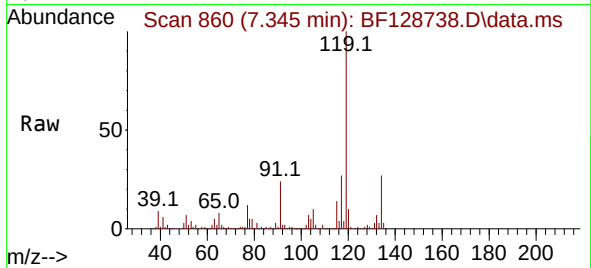




#18
Hexachloroethane
Concen: 13.930 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.023 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

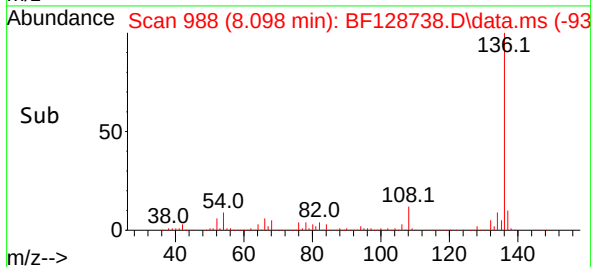
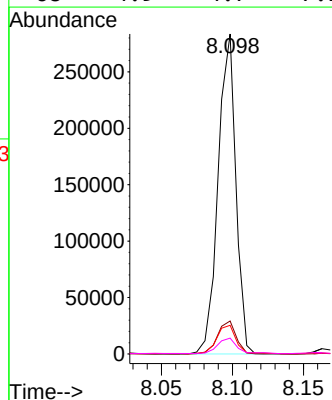
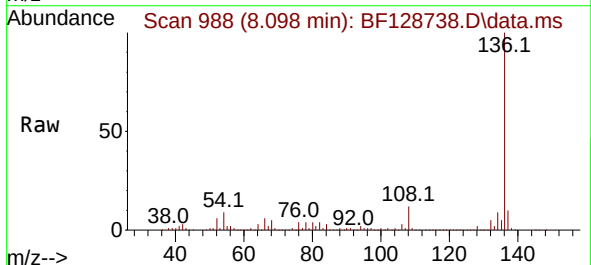
Instrument :
BNA_F
ClientSampleId :
MW-15DL

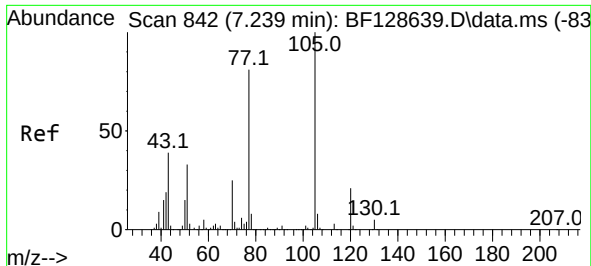
Tgt Ion:117 Resp: 26793
Ion Ratio Lower Upper
117 100
119 375.5 77.4 116.2#
201 0.0 84.6 127.0#



#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

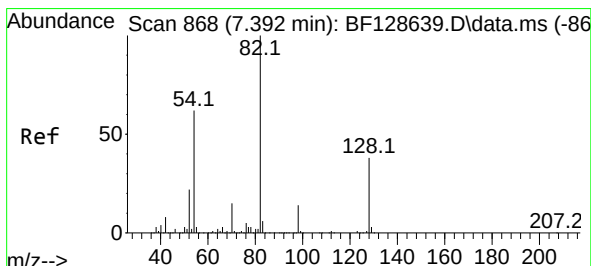
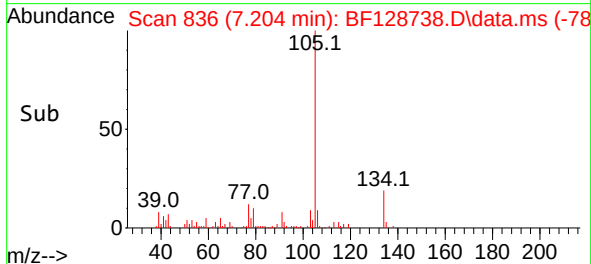
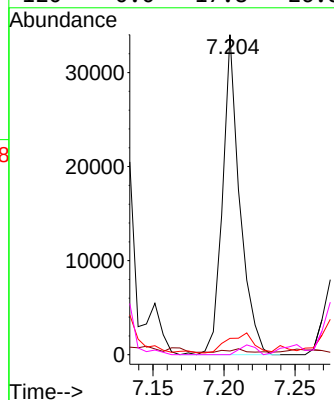
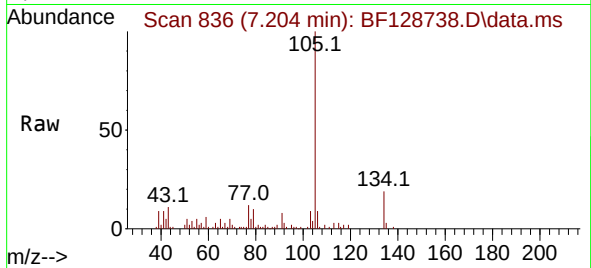




#22
Acetophenone
Concen: 4.457 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

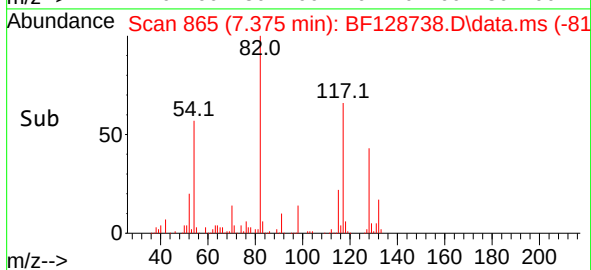
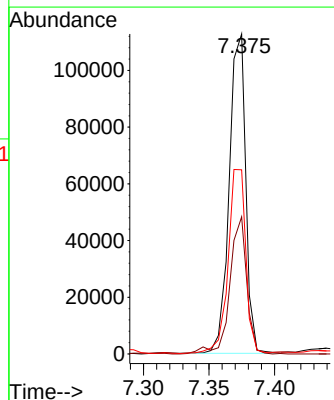
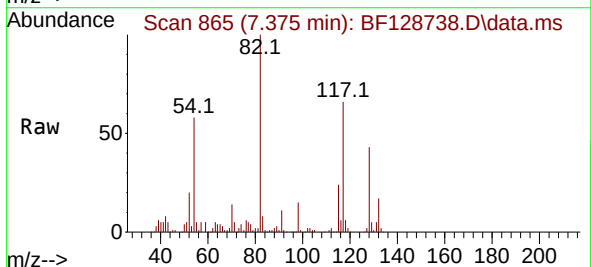
Instrument :
BNA_F
ClientSampleId :
MW-15DL

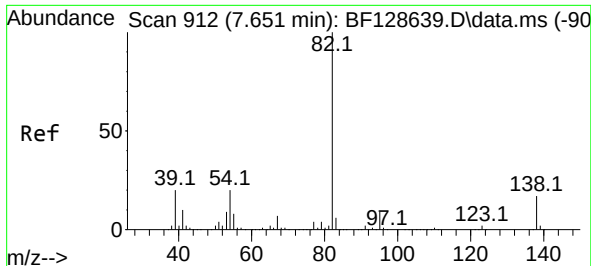
Tgt Ion:105 Resp: 28627
Ion Ratio Lower Upper
105 100
71 1.2 5.0 7.4#
51 5.1 25.0 37.4#
120 0.0 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 18.692 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

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

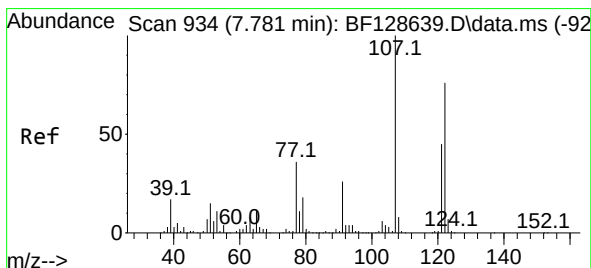
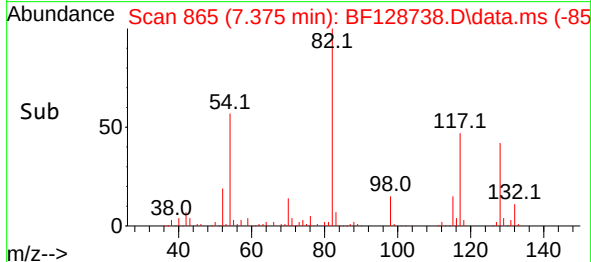
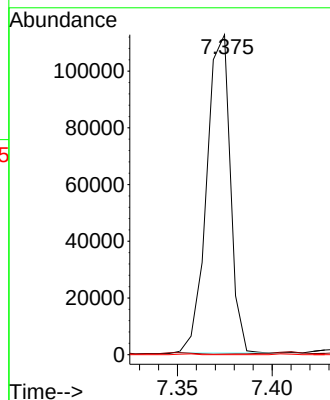
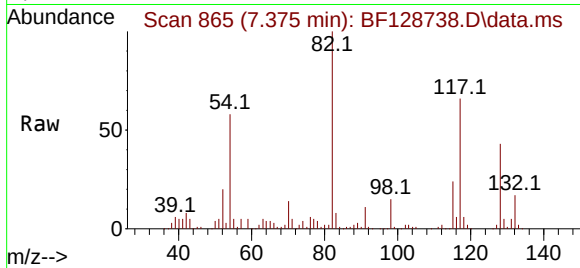




#25
Isophorone
Concen: 12.105 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

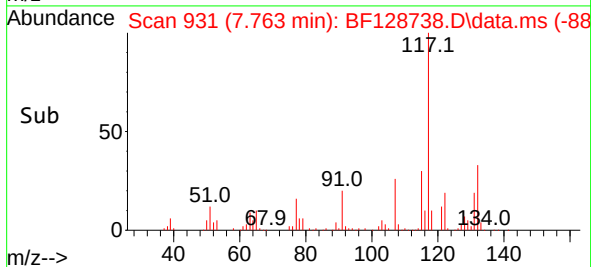
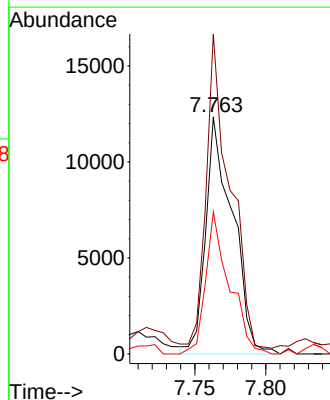
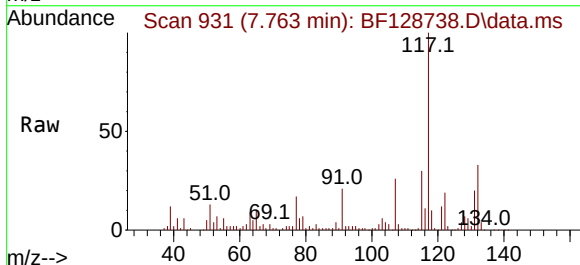
Instrument :
BNA_F
ClientSampleId :
MW-15DL

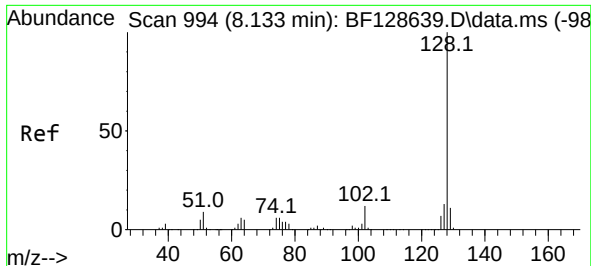
Tgt Ion: 82 Resp: 96985
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 14.2 21.2#



#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

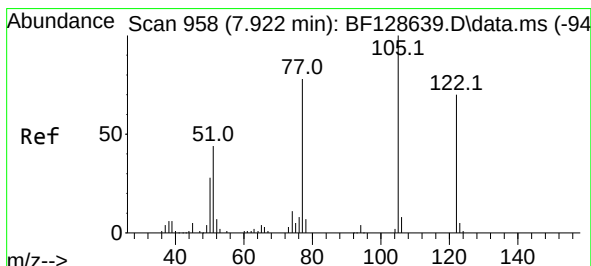
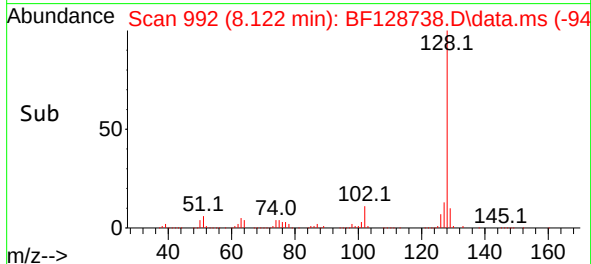
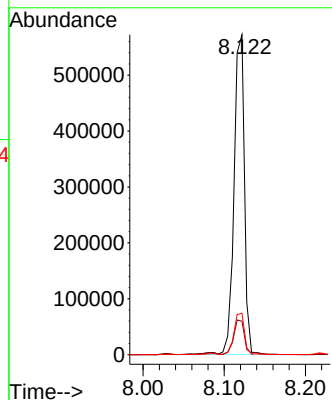
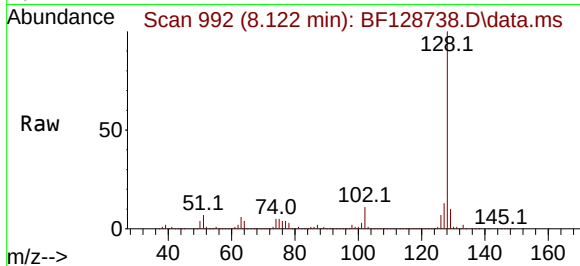




#31
Naphthalene
Concen: 40.353 ng
RT: 8.122 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

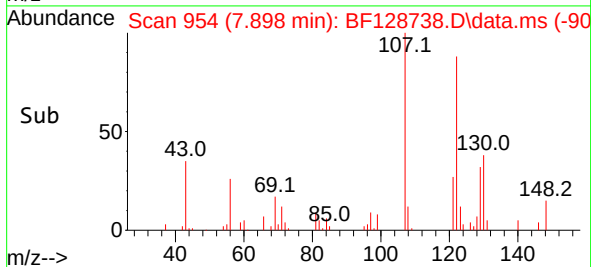
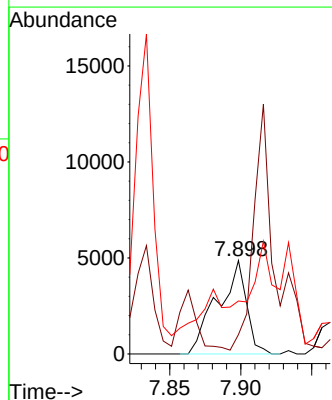
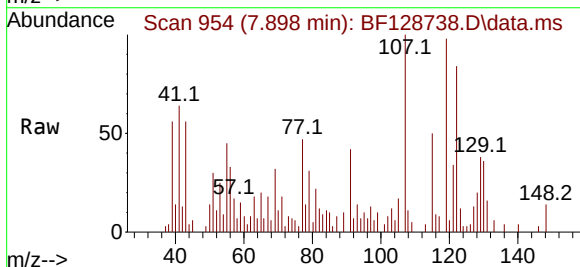
Instrument :
BNA_F
ClientSampleId :
MW-15DL

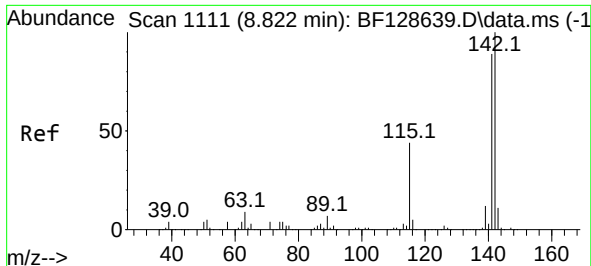
Tgt Ion:128 Resp: 508624
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 2.993 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.012 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

Tgt Ion:122 Resp: 6903
Ion Ratio Lower Upper
122 100
105 20.7 107.1 147.1#
77 56.7 74.2 114.2#





#37

2-Methylnaphthalene

Concen: 11.228 ng

RT: 8.810 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128738.D

Acq: 08 Jun 2022 16:32

Instrument :

BNA_F

ClientSampleId :

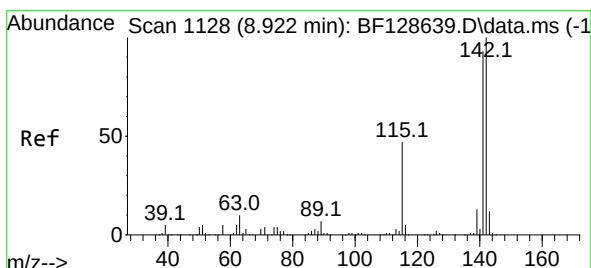
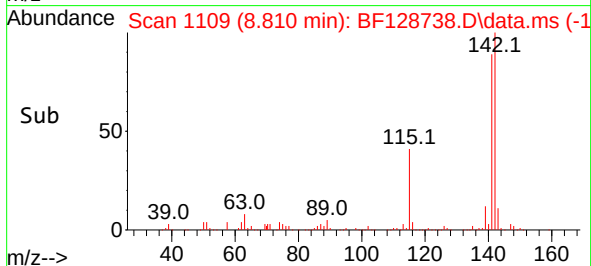
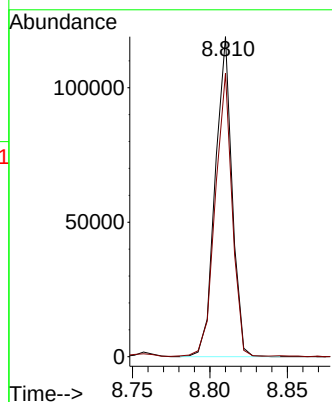
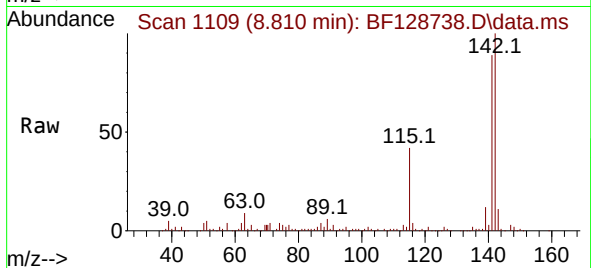
MW-15DL

Tgt Ion:142 Resp: 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

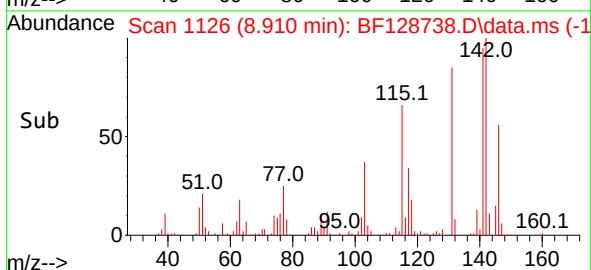
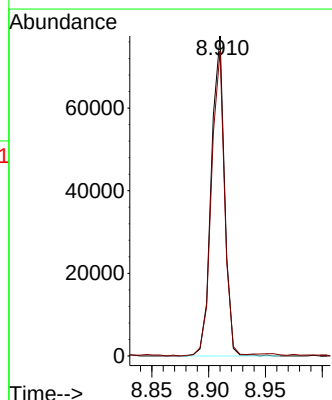
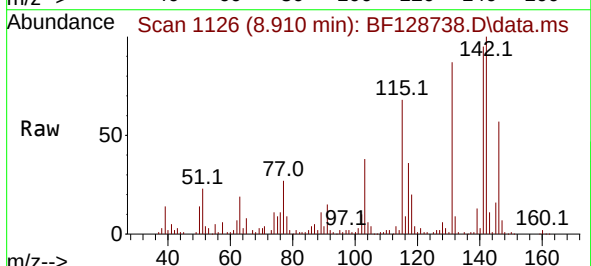
Acq: 08 Jun 2022 16:32

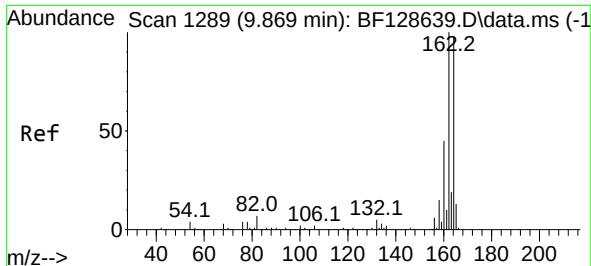
Tgt Ion:142 Resp: 62438

Ion Ratio Lower Upper

142 100

141 95.3 74.2 111.4

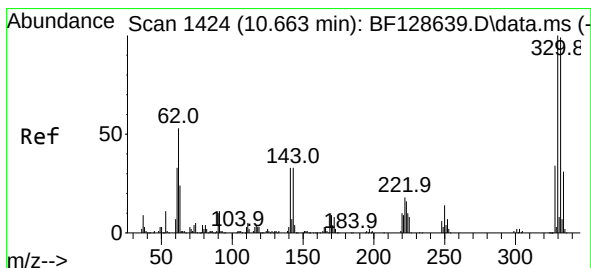
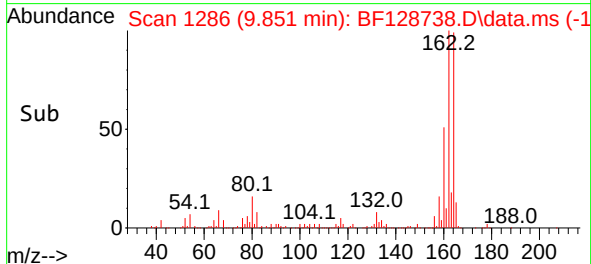
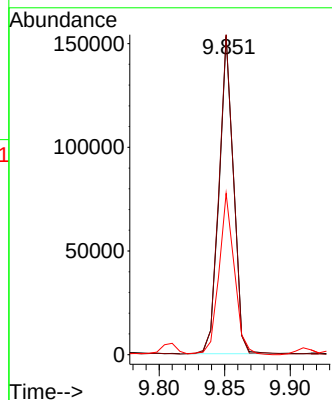
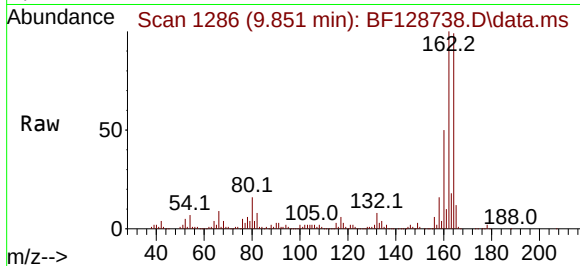




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

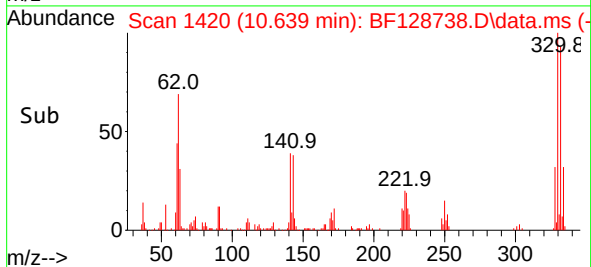
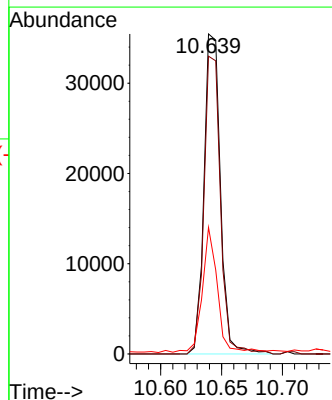
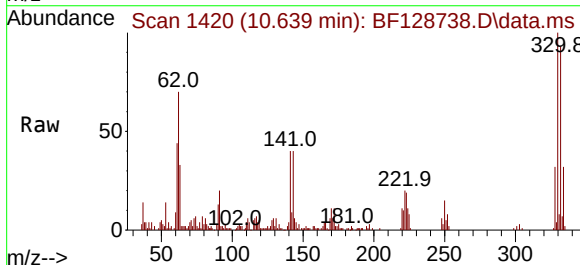
Instrument :
BNA_F
ClientSampleId :
MW-15DL

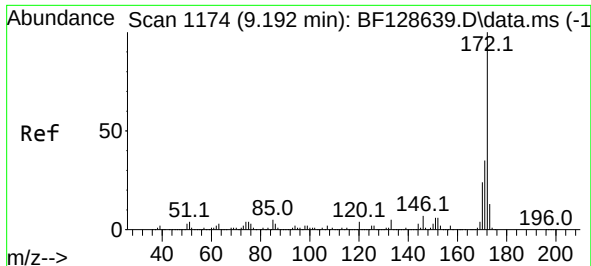
Tgt Ion:164 Resp: 116881
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 50.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 24.220 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

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# 1174

Delta R.T. -0.006 min

Lab File: BF128738.D

Acq: 08 Jun 2022 16:32

Instrument :

BNA_F

ClientSampleId :

MW-15DL

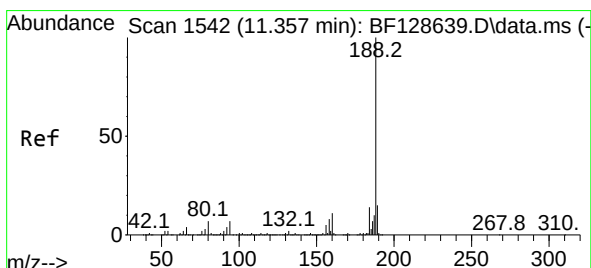
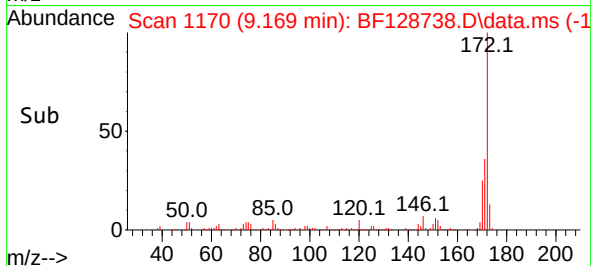
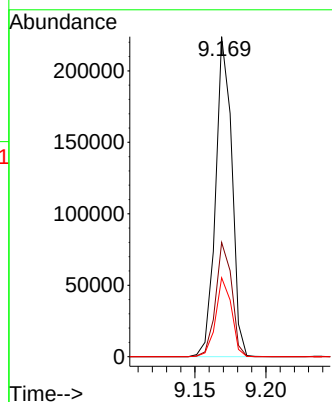
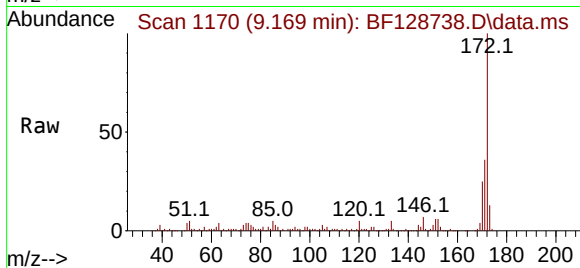
Tgt Ion:172 Resp: 177701

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# 1539

Delta R.T. -0.000 min

Lab File: BF128738.D

Acq: 08 Jun 2022 16:32

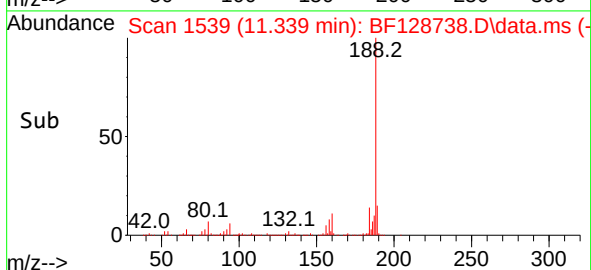
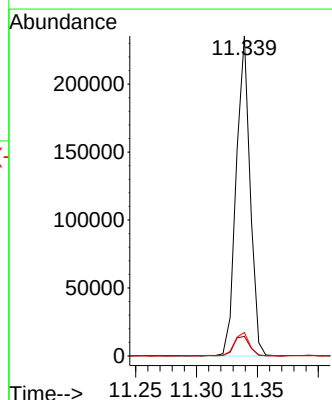
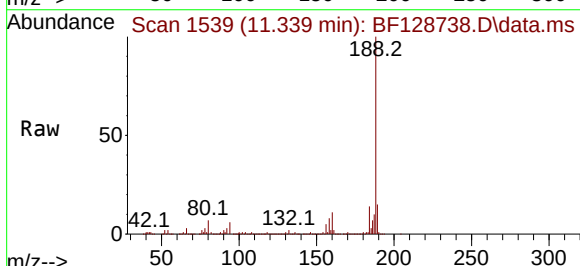
Tgt Ion:188 Resp: 186199

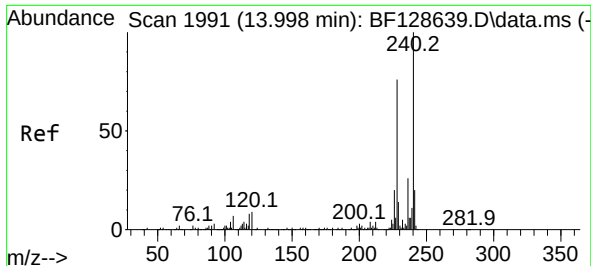
Ion Ratio Lower Upper

188 100

94 6.1 7.0 10.6#

80 7.4 7.6 11.4#

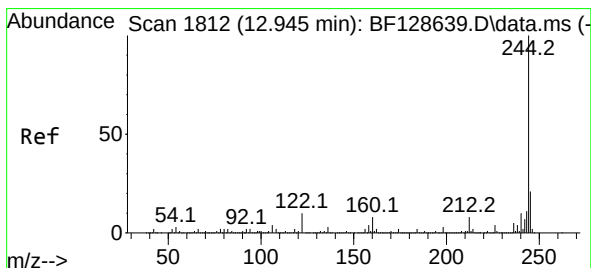
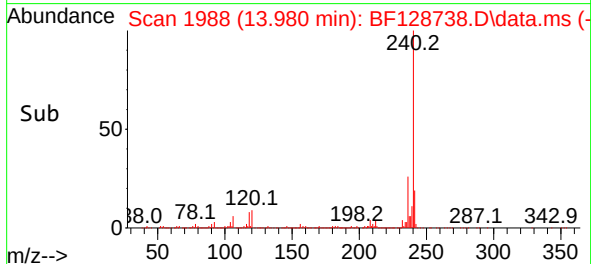
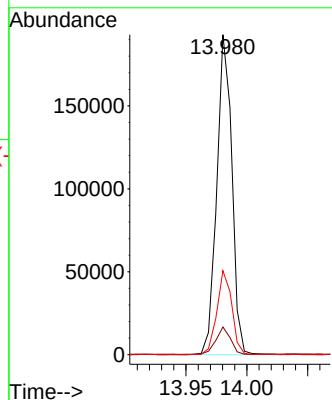
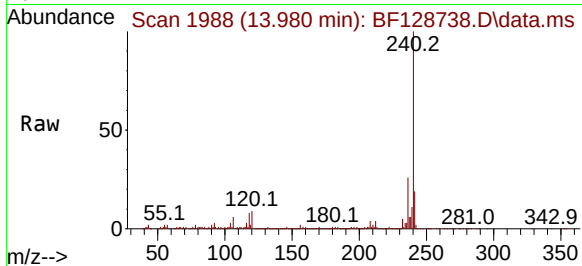




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

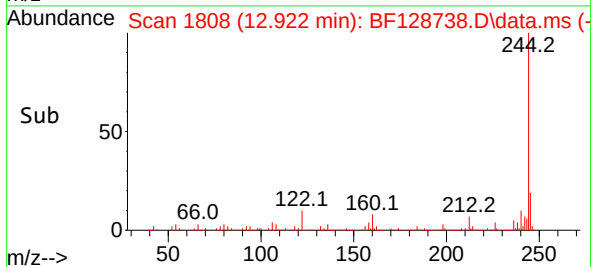
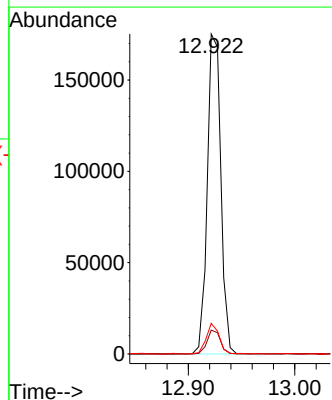
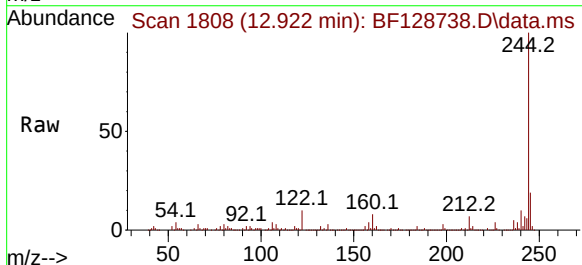
Instrument :
BNA_F
ClientSampleId :
MW-15DL

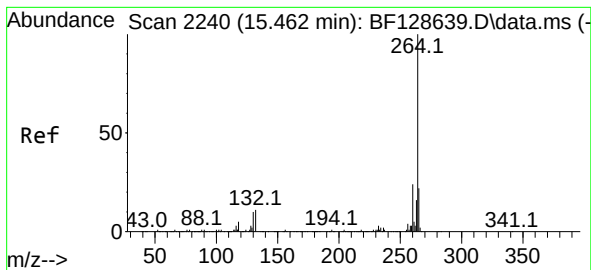
Tgt Ion:240 Resp: 166710
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 16.190 ng
RT: 12.922 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF128738.D
Acq: 08 Jun 2022 16:32

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# 21
 Delta R.T. -0.000 min
 Lab File: BF128738.D
 Acq: 08 Jun 2022 16:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

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

