

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128758.D
 Acq On : 10 Jun 2022 14:50
 Operator : CG\JU
 Sample : N3287-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jun 11 01:26:52 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	6.798	152	70290	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	271669	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	151152	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	280751	20.000	ng	#-0.01
76) Chrysene-d12	13.974	240	145601	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	153222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	213820	48.453	ng	-0.01
7) Phenol-d6	6.463	99	155944	28.950	ng	-0.02
23) Nitrobenzene-d5	7.369	82	476593	81.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	172069	96.347	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	936670	86.806	ng	-0.01
79) Terphenyl-d14	12.921	244	877881	104.768	ng	-0.01

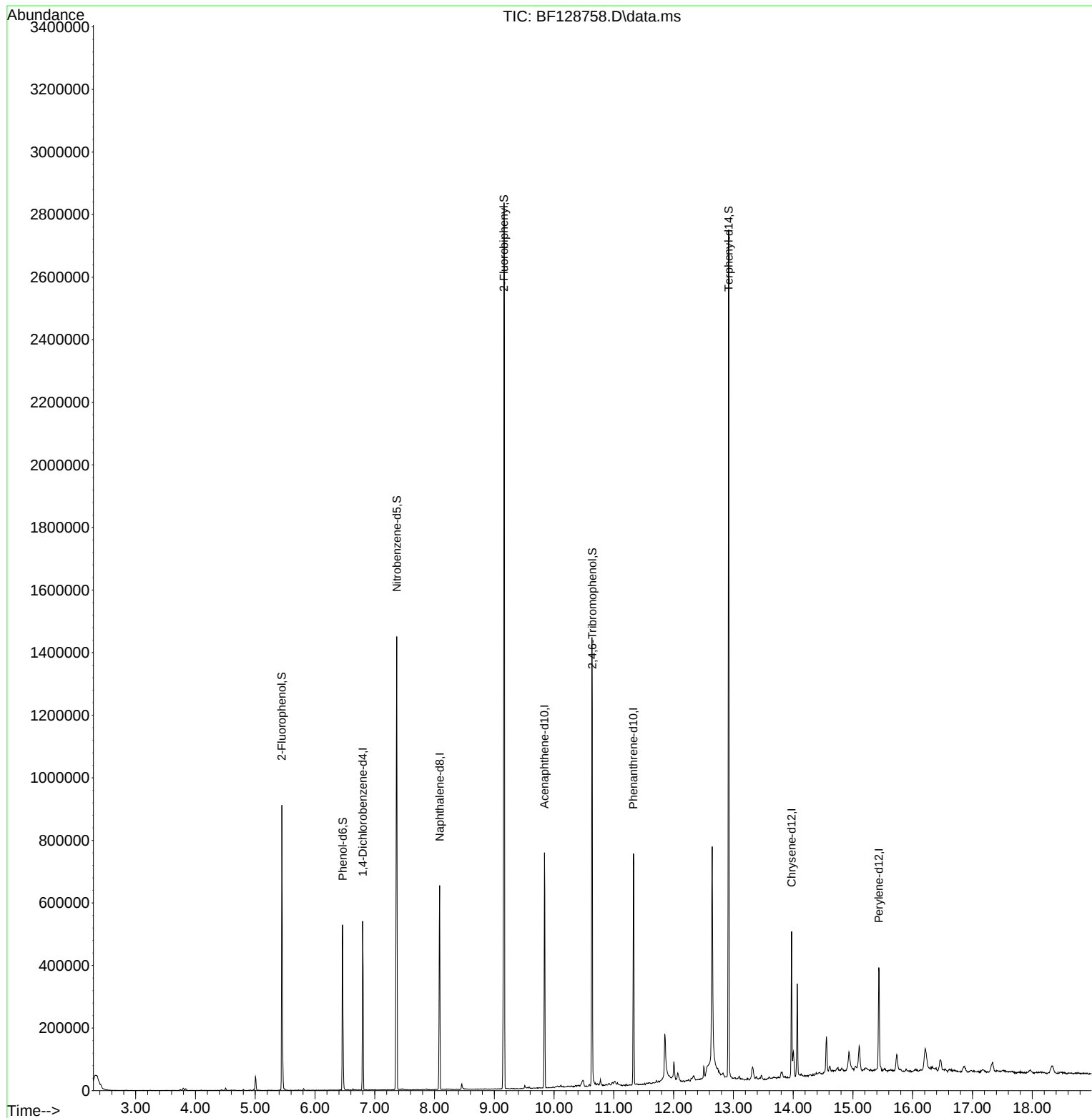
Target Compounds	Qvalue

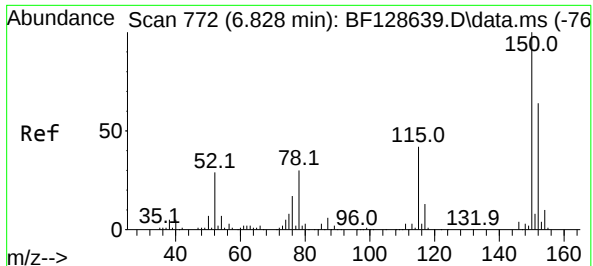
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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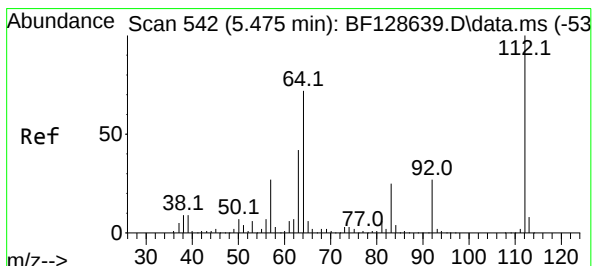
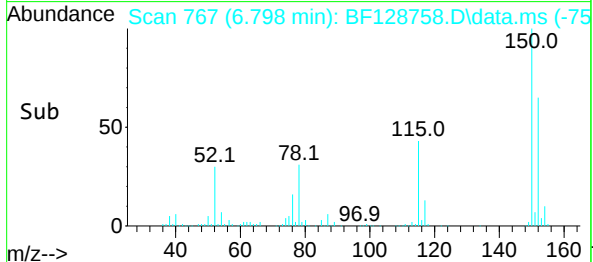
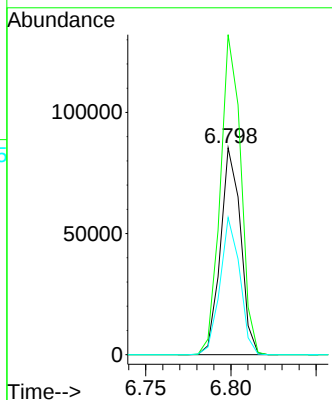
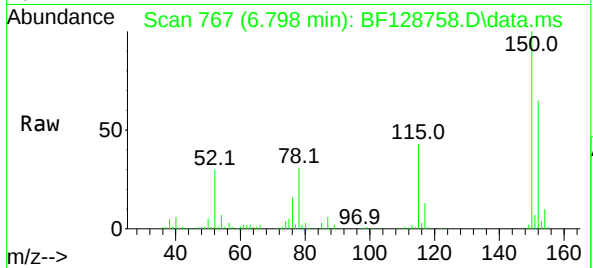




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

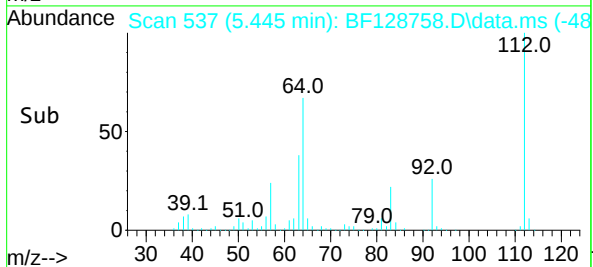
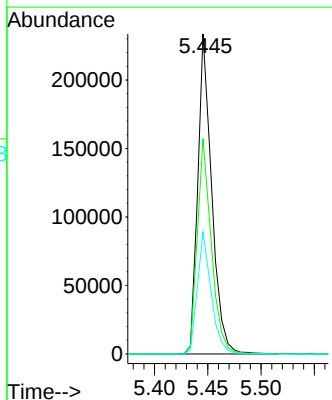
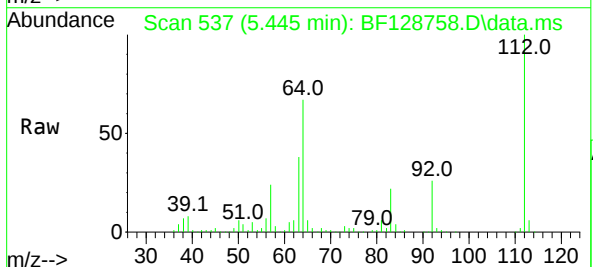
Instrument :
BNA_F
ClientSampleId :
MW-1

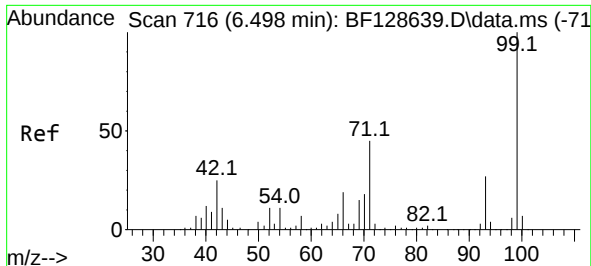
Tgt Ion:152 Resp: 70290
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 66.3 49.9 74.9



#5
2-Fluorophenol
Concen: 48.453 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

Tgt Ion:112 Resp: 213820
Ion Ratio Lower Upper
112 100
64 67.2 53.3 79.9
63 38.1 28.0 42.0

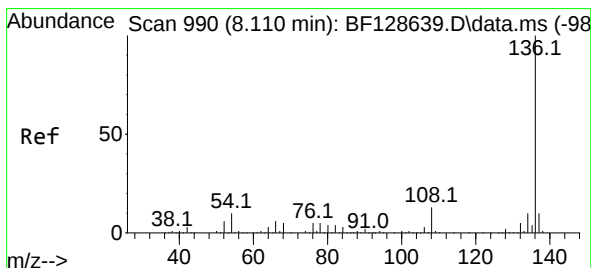
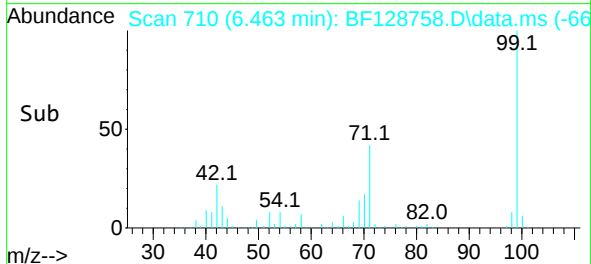
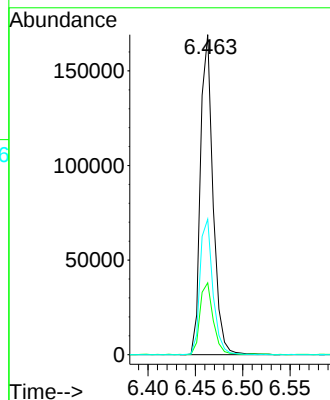
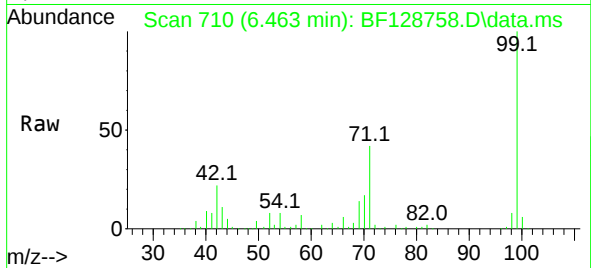




#7
Phenol-d6
Concen: 28.950 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

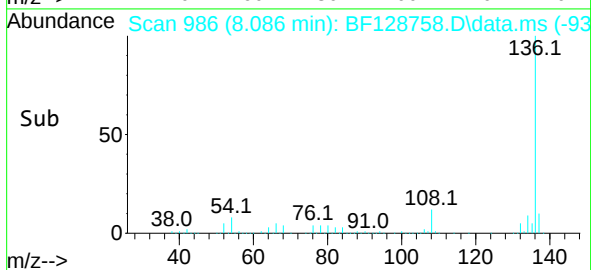
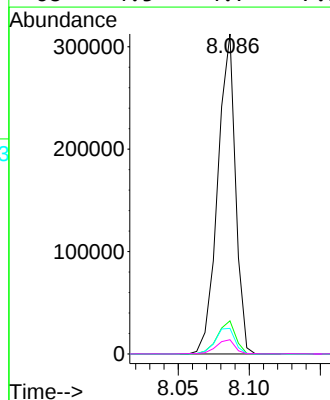
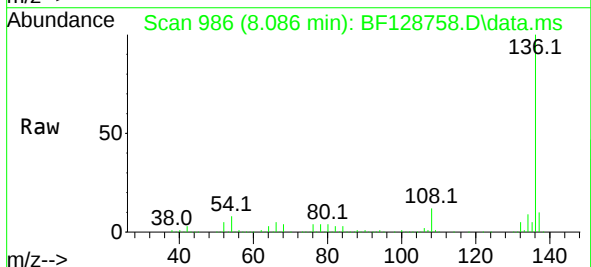
Instrument :
BNA_F
ClientSampleId :
MW-1

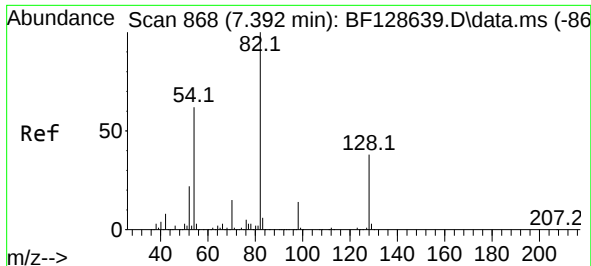
Tgt Ion: 99 Resp: 155944
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 42.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

Tgt Ion: 136 Resp: 271669
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 8.0 7.5 11.3
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 81.678 ng

RT: 7.369 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

MW-1

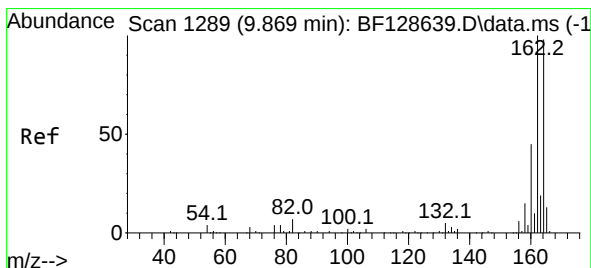
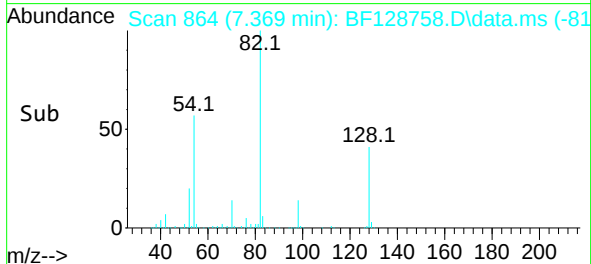
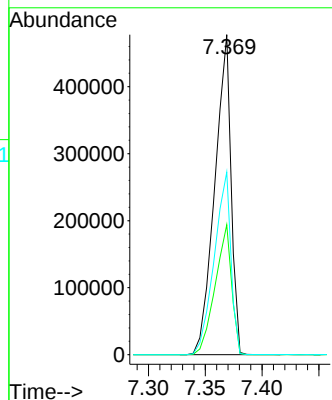
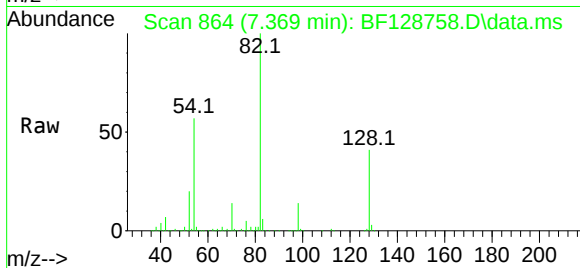
Tgt Ion: 82 Resp: 476593

Ion Ratio Lower Upper

82 100

128 40.6 34.0 51.0

54 57.0 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.018 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

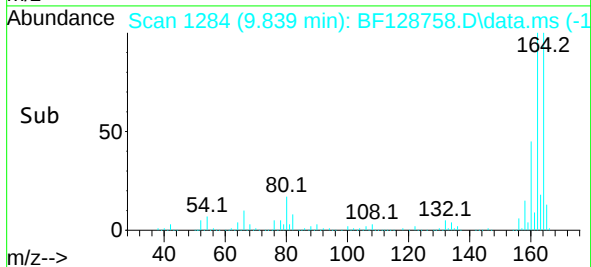
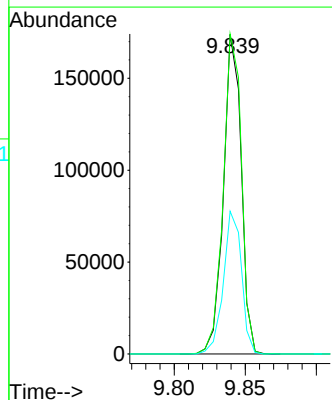
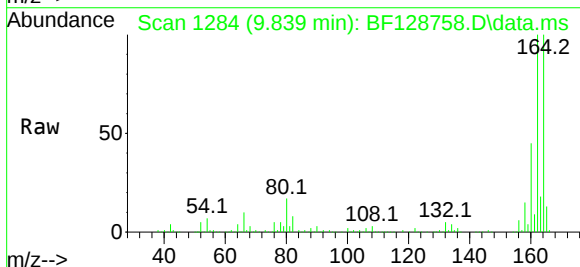
Tgt Ion: 164 Resp: 151152

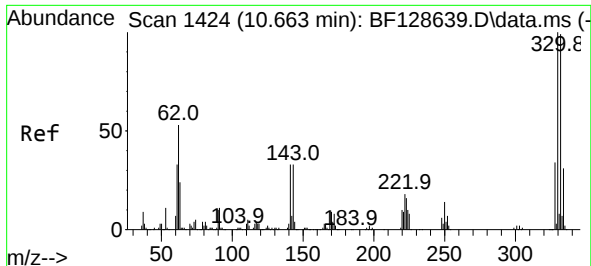
Ion Ratio Lower Upper

164 100

162 100.1 79.5 119.3

160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.347 ng

RT: 10.639 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128758.D

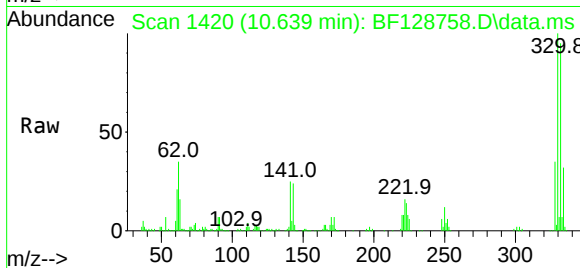
Acq: 10 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

MW-1



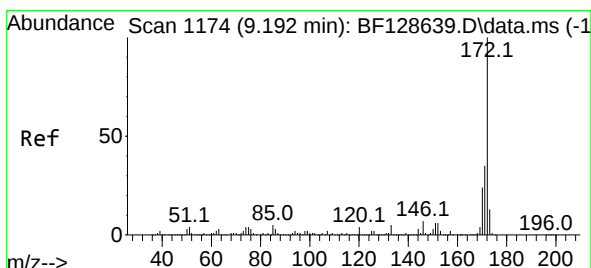
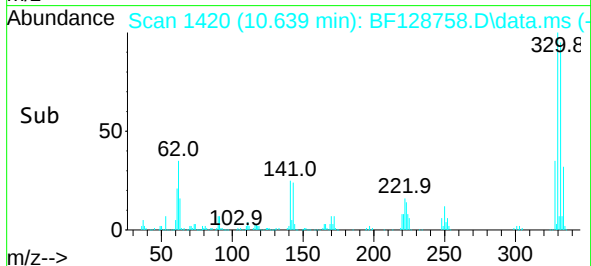
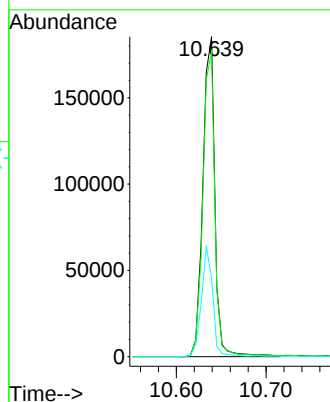
Tgt Ion:330 Resp: 172069

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 32.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.806 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

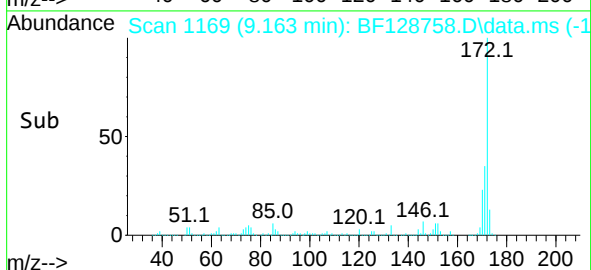
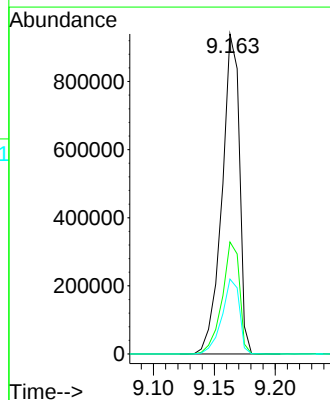
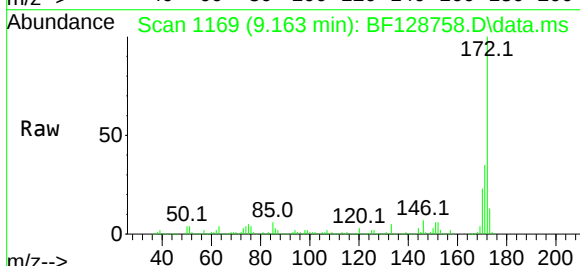
Tgt Ion:172 Resp: 936670

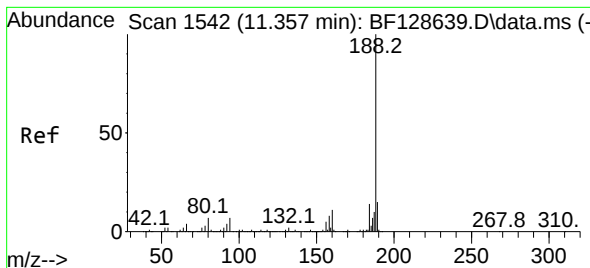
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.4 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

MW-1

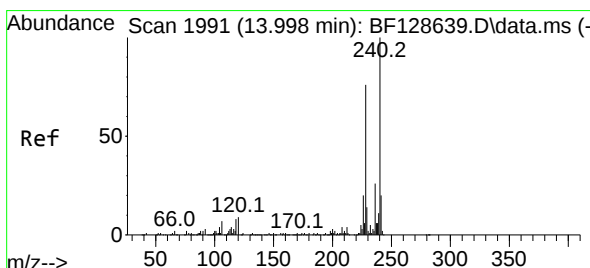
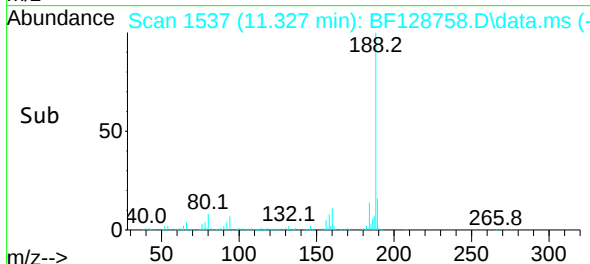
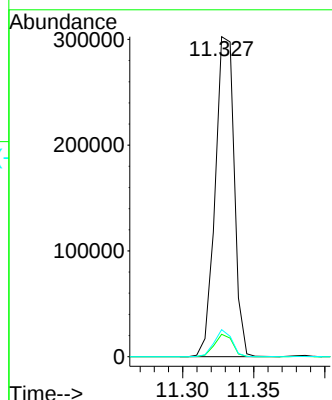
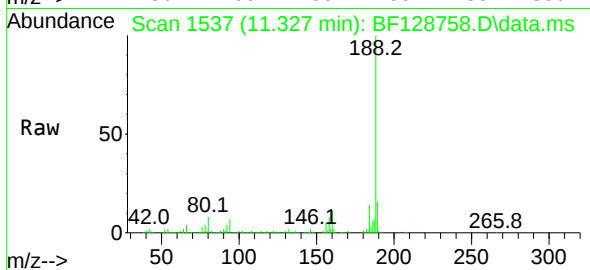
Tgt Ion:188 Resp: 280751

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

80 8.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 1987

Delta R.T. -0.012 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

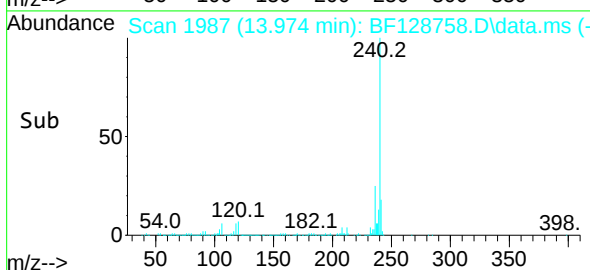
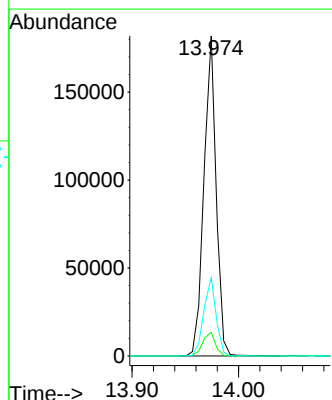
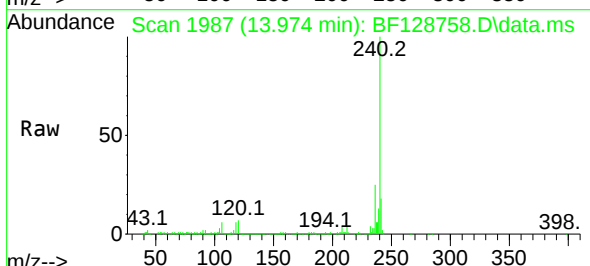
Tgt Ion:240 Resp: 145601

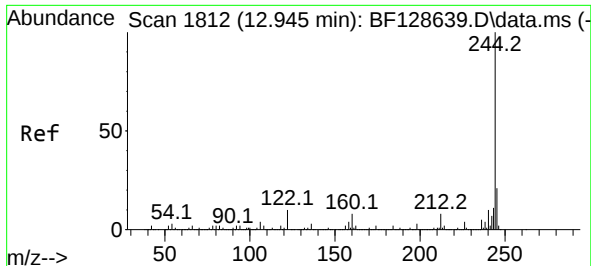
Ion Ratio Lower Upper

240 100

120 7.3 8.9 13.3#

236 24.5 20.8 31.2

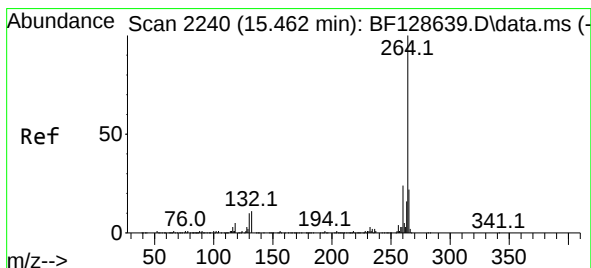
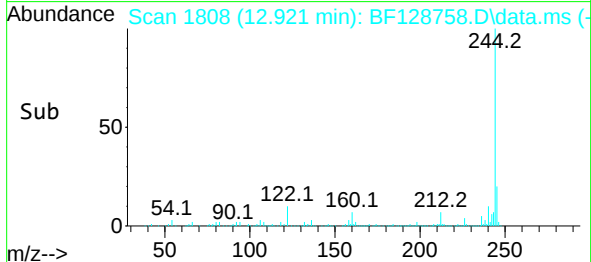
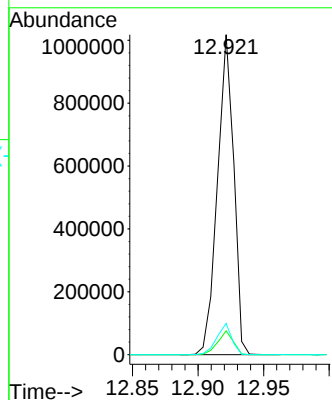
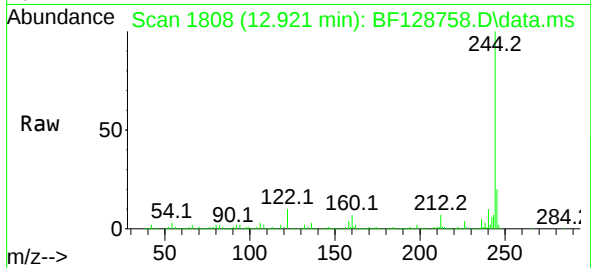




#79
 Terphenyl-d14
 Concen: 104.768 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BF128758.D
 Acq: 10 Jun 2022 14:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 877881
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128758.D
 Acq: 10 Jun 2022 14:50

Tgt Ion:264 Resp: 153222
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 21.8 17.2 25.8

