

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128911.D
 Acq On : 21 Jun 2022 21:55
 Operator : CG\JU
 Sample : N3373-11DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-13WDL

Quant Time: Jun 22 01:56:03 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 22 01:02:29 2022
 Response via : Initial Calibration

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

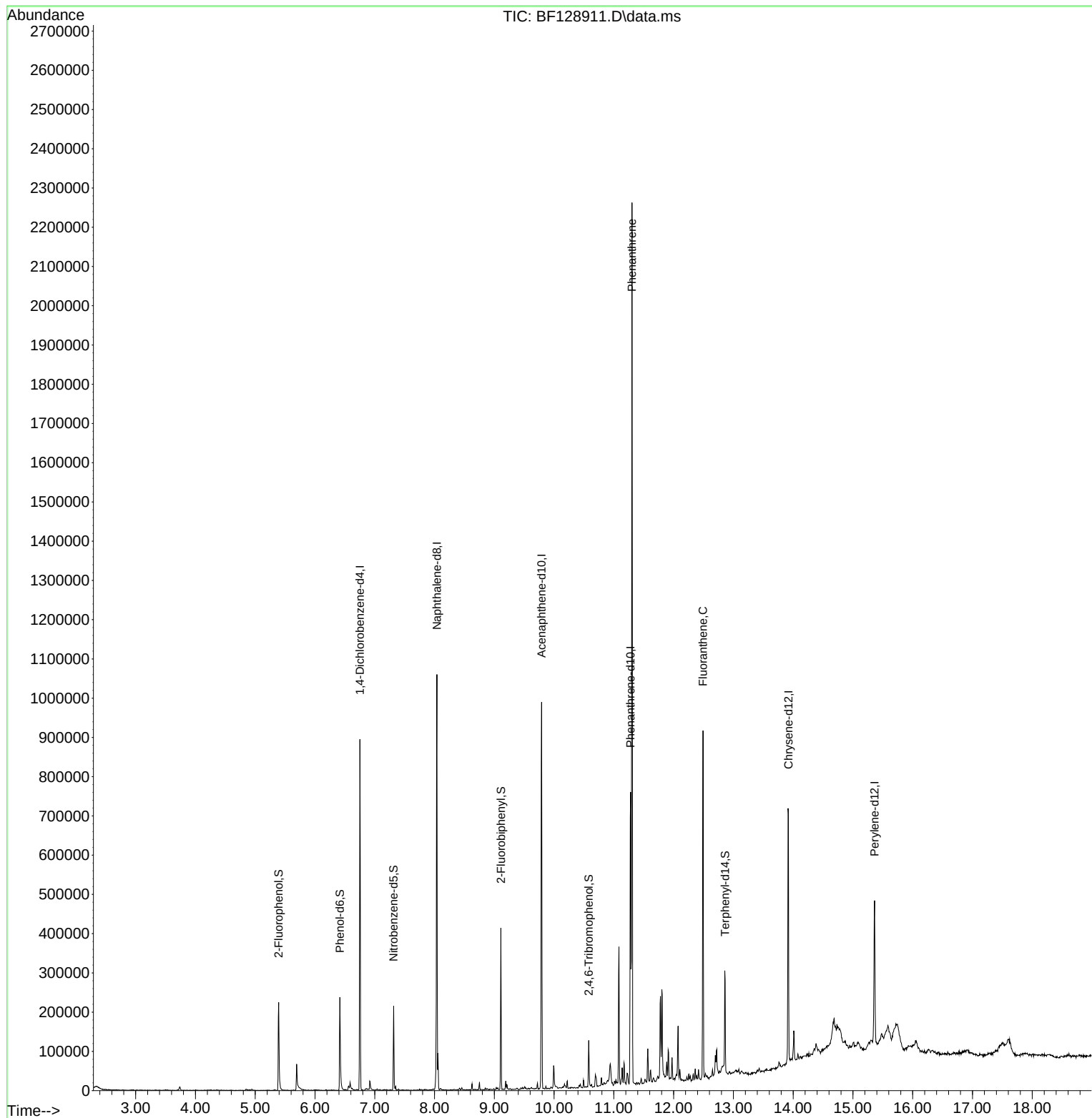
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	113247	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	405132	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	192483	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	286627	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	232140	20.000	ng	# 0.00
86) Perylene-d12	15.362	264	159596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	60725	8.541	ng	0.00
7) Phenol-d6	6.416	99	75971	8.754	ng	0.00
23) Nitrobenzene-d5	7.316	82	53790	6.182	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	11564	5.085	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	97368	7.086	ng	0.00
79) Terphenyl-d14	12.863	244	81201	6.078	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.304	178	757355	52.680	ng	100
75) Fluoranthene	12.492	202	317527	21.129	ng	95

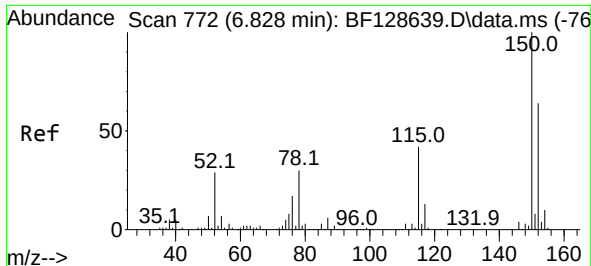
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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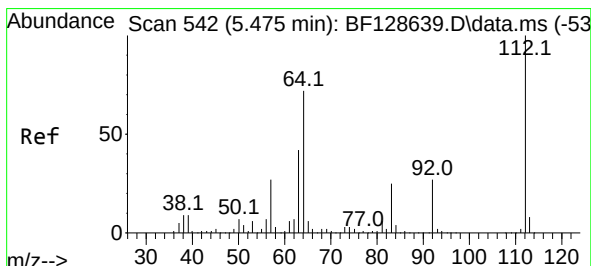
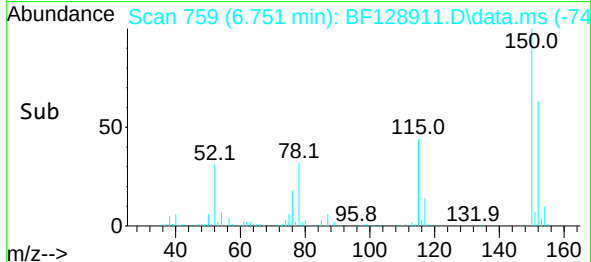
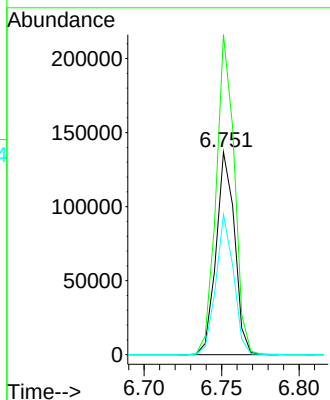
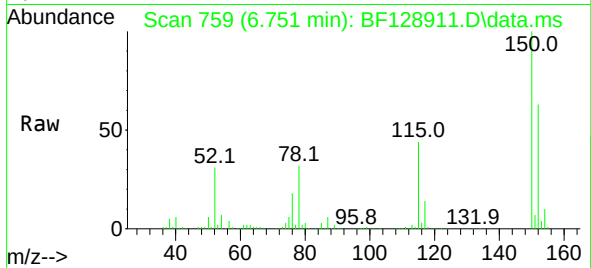




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

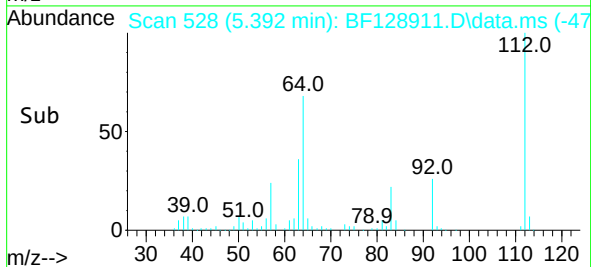
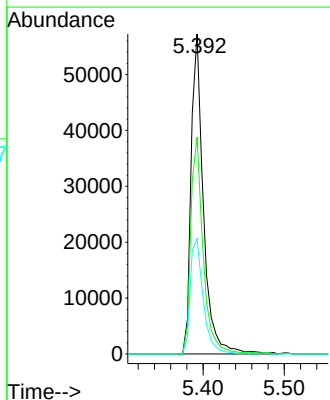
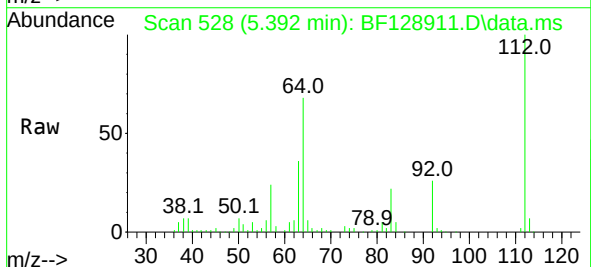
Instrument :
BNA_F
ClientSampleId :
SC-13WDL

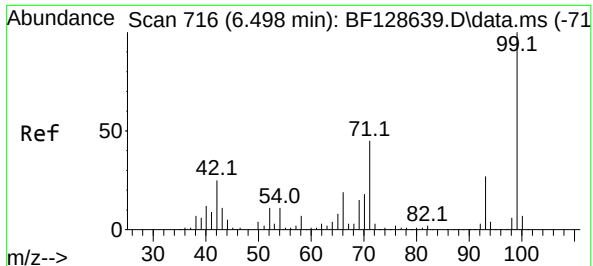
Tgt Ion:152 Resp: 113247
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 69.2 49.9 74.9



#5
2-Fluorophenol
Concen: 8.541 ng
RT: 5.392 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

Tgt Ion:112 Resp: 60725
Ion Ratio Lower Upper
112 100
64 67.7 53.3 79.9
63 36.1 28.0 42.0

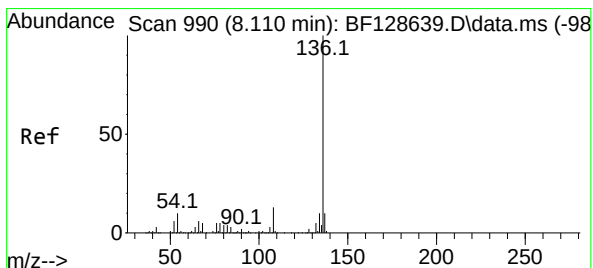
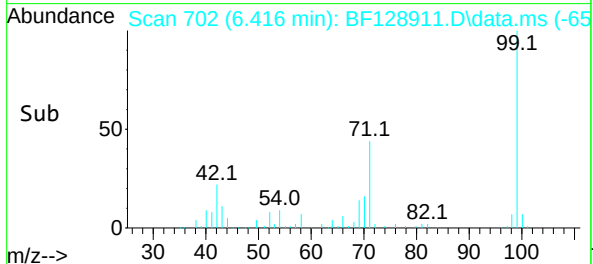
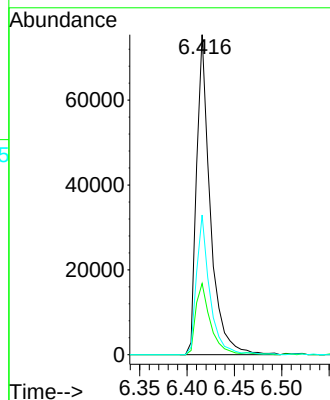
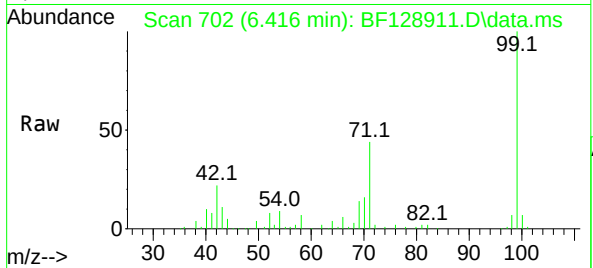




#7
Phenol-d6
Concen: 8.754 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.000 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

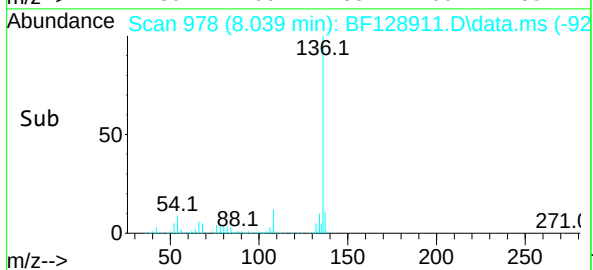
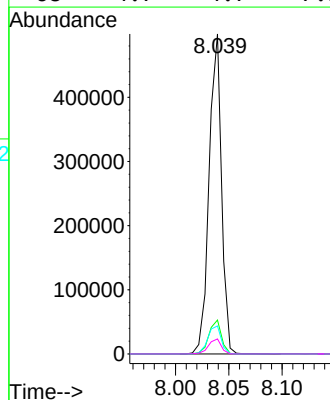
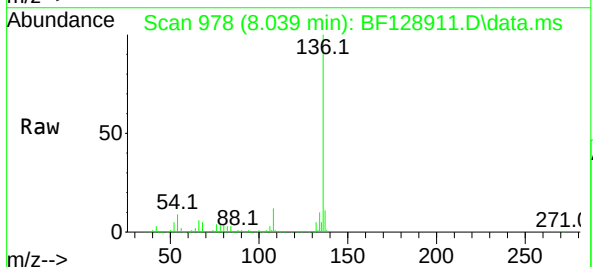
Instrument :
BNA_F
ClientSampleId :
SC-13WDL

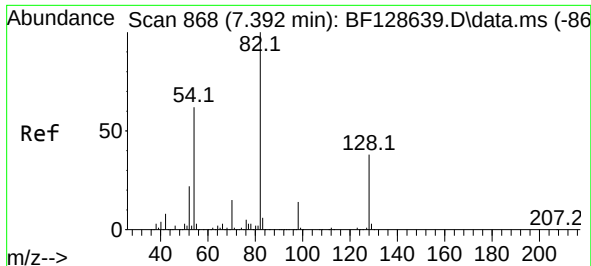
Tgt Ion: 99 Resp: 75971
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 43.7 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

Tgt Ion: 136 Resp: 405132
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.7 7.5 11.3
68 4.7 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 6.182 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128911.D

Acq: 21 Jun 2022 21:55

Instrument :

BNA_F

ClientSampleId :

SC-13WDL

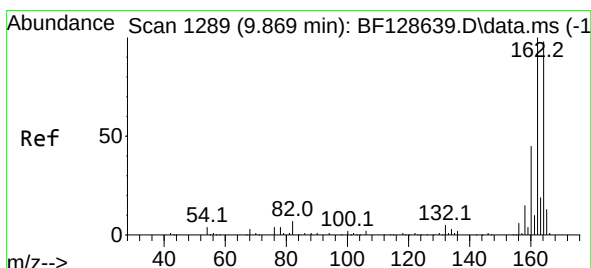
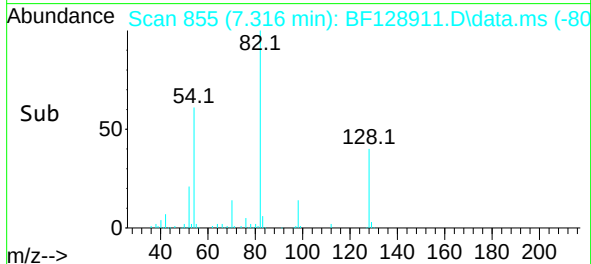
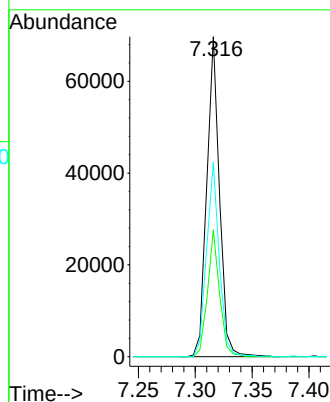
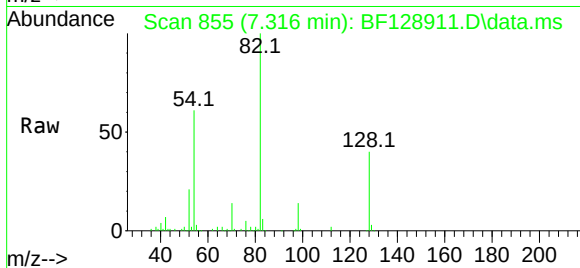
Tgt Ion: 82 Resp: 53790

Ion Ratio Lower Upper

82 100

128 39.6 34.0 51.0

54 60.8 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BF128911.D

Acq: 21 Jun 2022 21:55

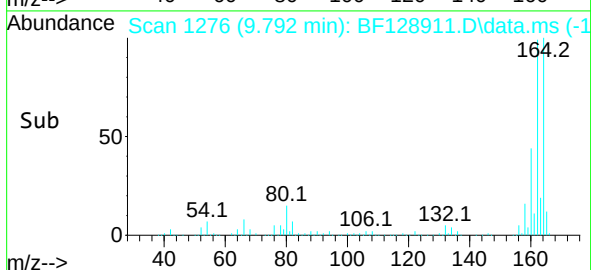
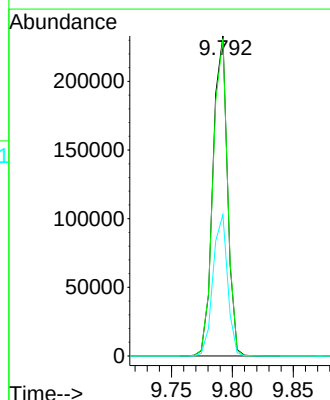
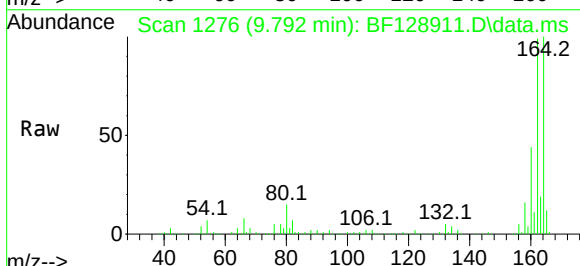
Tgt Ion: 164 Resp: 192483

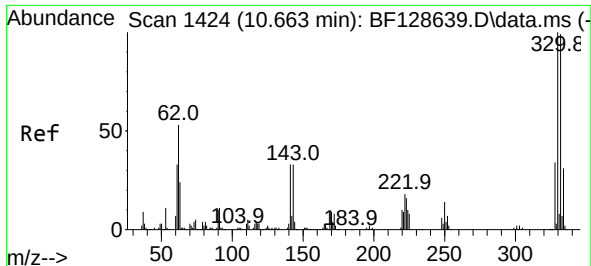
Ion Ratio Lower Upper

164 100

162 99.2 79.5 119.3

160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 5.085 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128911.D

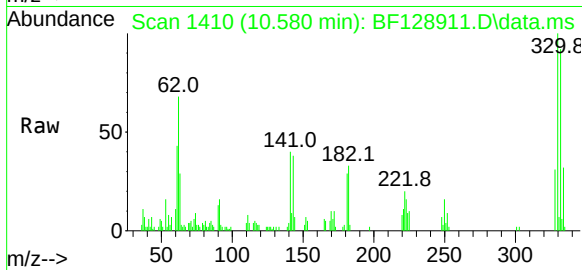
Acq: 21 Jun 2022 21:55

Instrument :

BNA_F

ClientSampleId :

SC-13WDL



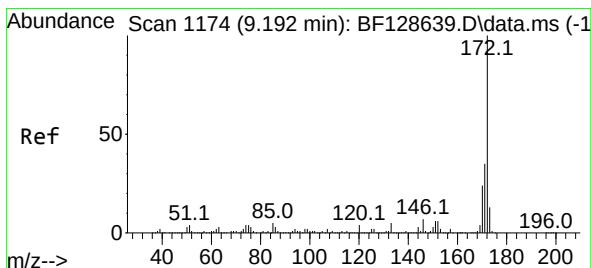
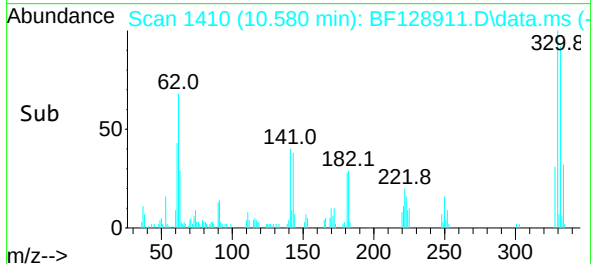
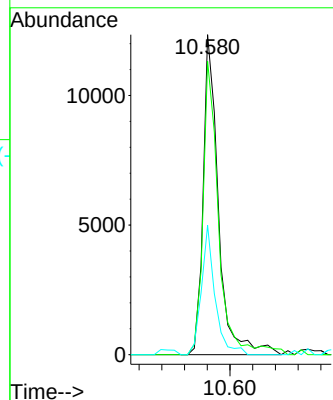
Tgt Ion:330 Resp: 11564

Ion Ratio Lower Upper

330 100

332 93.4 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 7.086 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128911.D

Acq: 21 Jun 2022 21:55

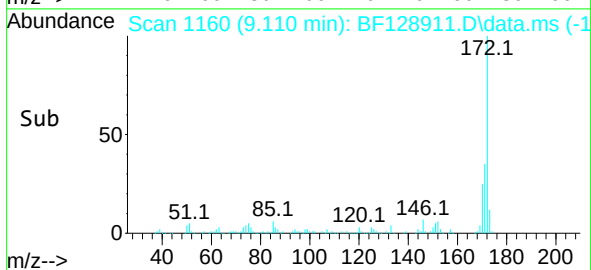
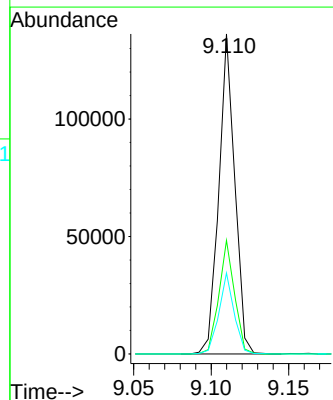
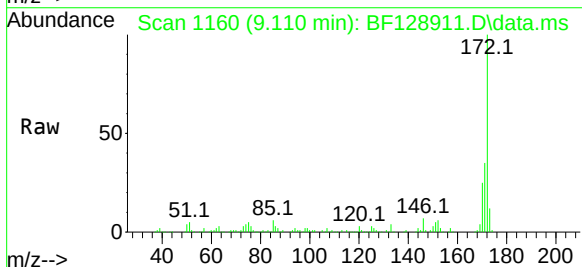
Tgt Ion:172 Resp: 97368

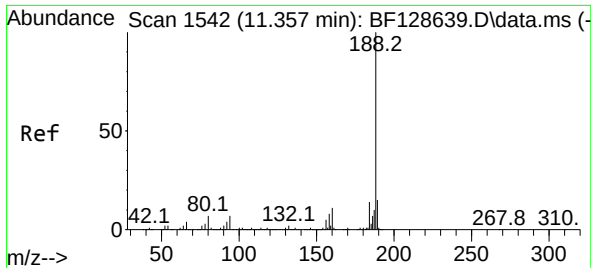
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 25.3 19.8 29.8

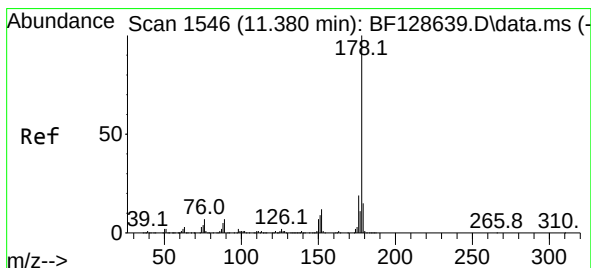
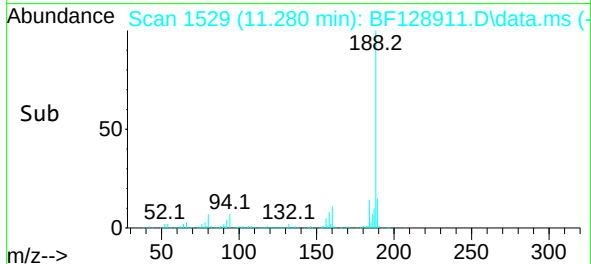
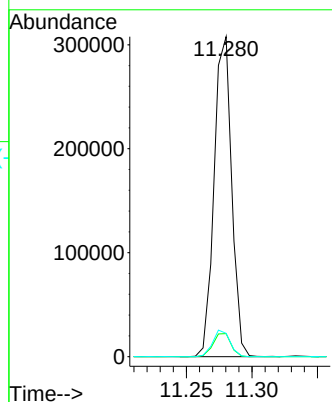
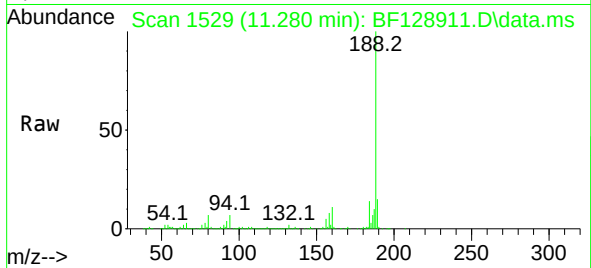




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

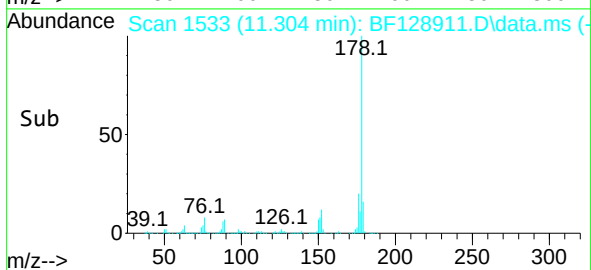
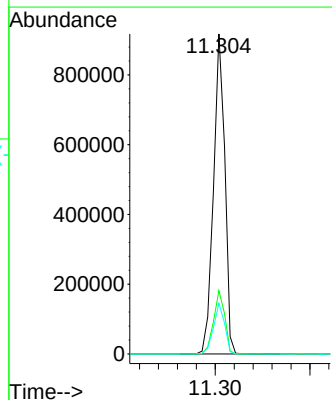
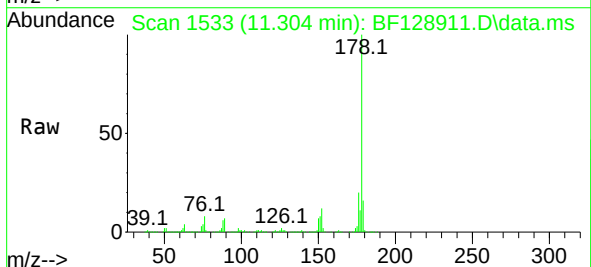
Instrument :
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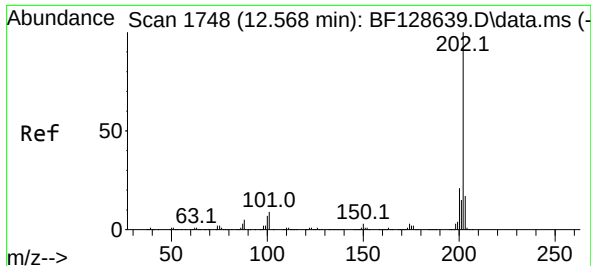
Tgt Ion:188 Resp: 286627
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 7.3 7.6 11.4#



#71
Phenanthrene
Concen: 52.680 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

Tgt Ion:178 Resp: 757355
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.8 12.6 19.0

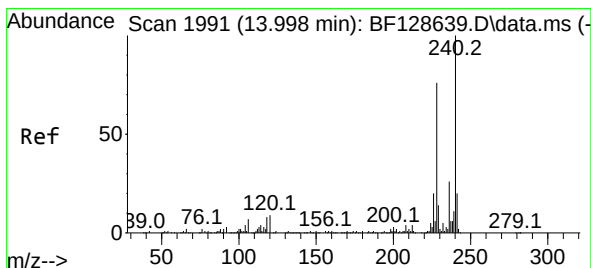
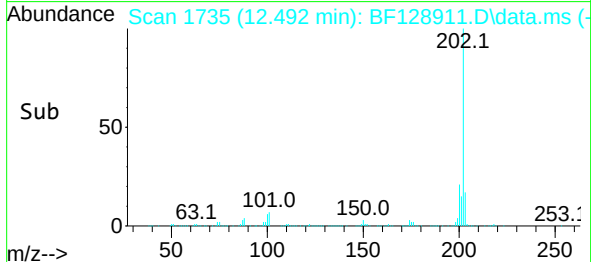
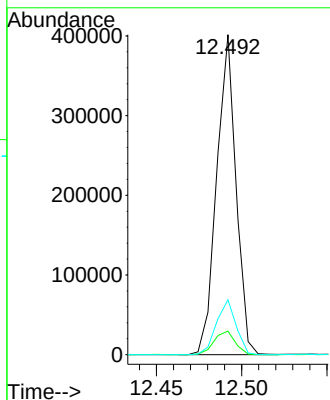
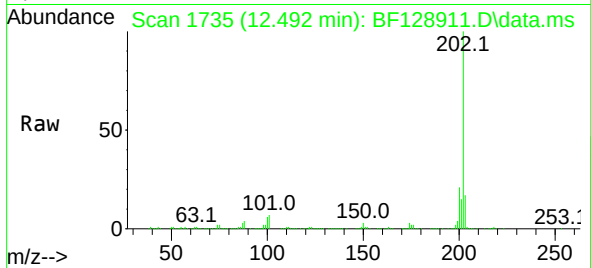




#75
Fluoranthene
Concen: 21.129 ng
RT: 12.492 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

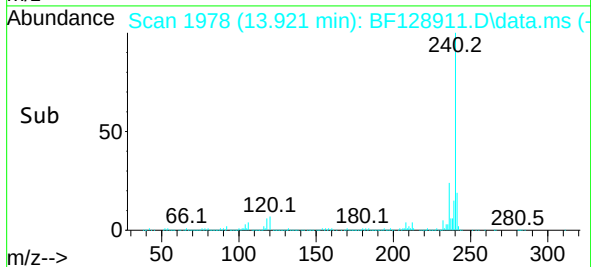
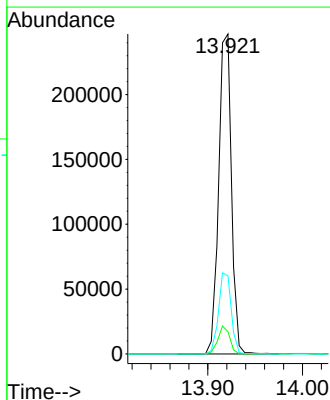
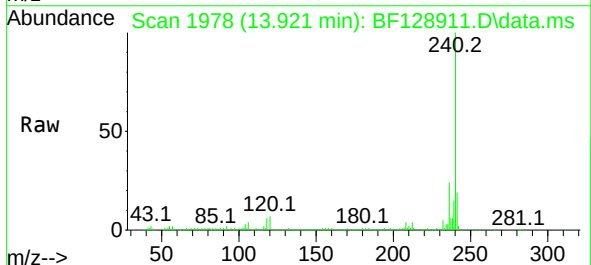
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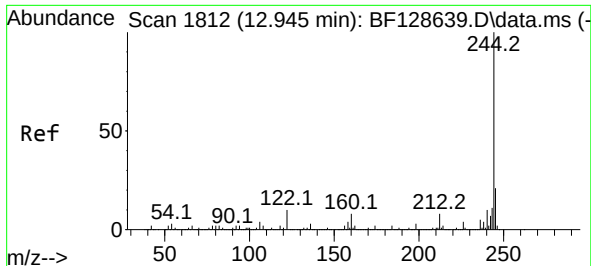
Tgt Ion:202 Resp: 317527
Ion Ratio Lower Upper
202 100
101 7.4 0.0 31.4
203 17.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF128911.D
Acq: 21 Jun 2022 21:55

Tgt Ion:240 Resp: 232140
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 24.4 20.8 31.2

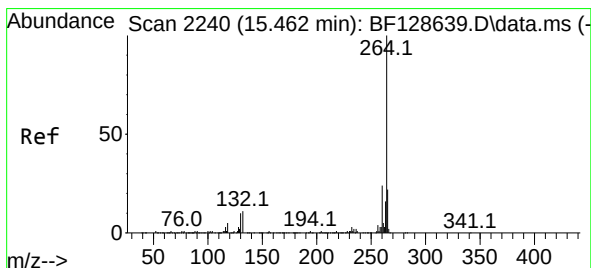
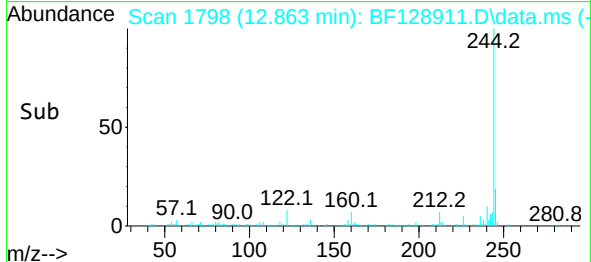
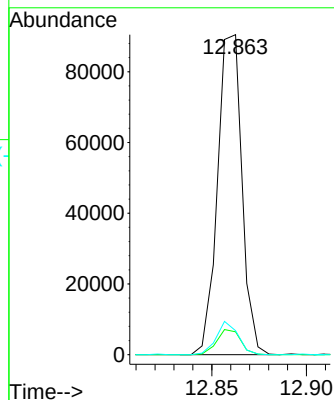
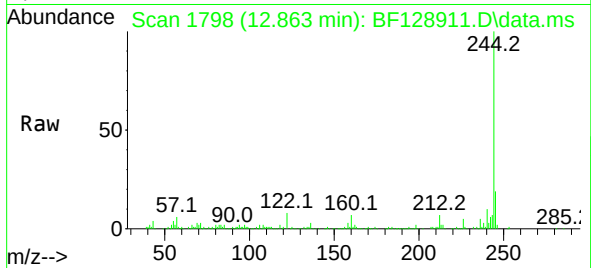




#79
 Terphenyl-d14
 Concen: 6.078 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128911.D
 Acq: 21 Jun 2022 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SC-13WDL

Tgt Ion:244 Resp: 81201
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.362 min Scan# 2223
 Delta R.T. -0.000 min
 Lab File: BF128911.D
 Acq: 21 Jun 2022 21:55

Tgt Ion:264 Resp: 159596
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.9 17.2 25.8

