

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129858.D
 Acq On : 17 Aug 2022 22:51
 Operator : CG\JU
 Sample : N4188-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S14

Quant Time: Aug 18 05:38:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130221	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	528819	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	279167	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	471848	20.000	ng	0.00
76) Chrysene-d12	13.986	240	326879	20.000	ng	0.00
86) Perylene-d12	15.451	264	246078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1040195	132.256	ng	0.00
7) Phenol-d6	6.469	99	1308470	132.850	ng	0.00
23) Nitrobenzene-d5	7.381	82	832703	84.294	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	343511	122.601	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1367033	74.373	ng	0.00
79) Terphenyl-d14	12.922	244	1371892	69.834	ng	0.00

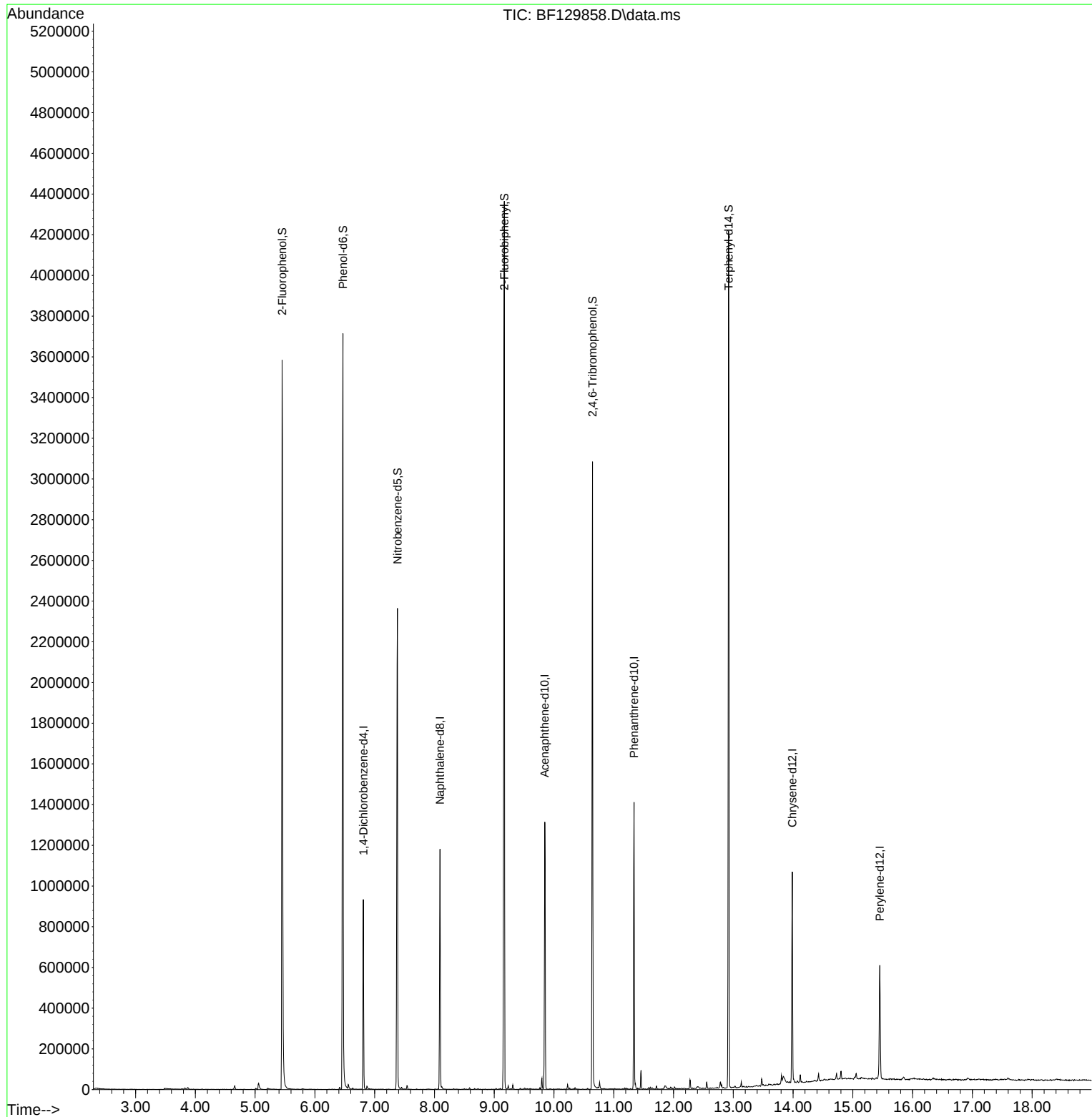
Target Compounds Qvalue

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

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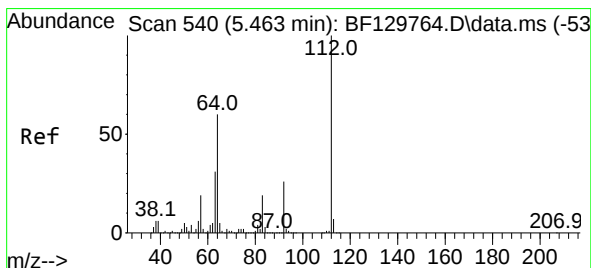
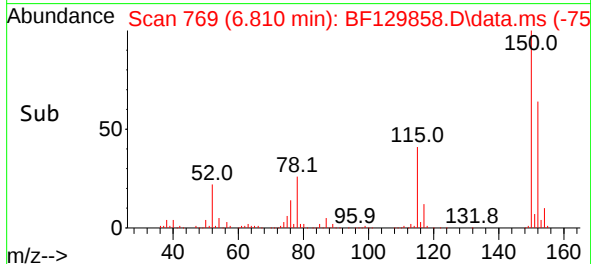
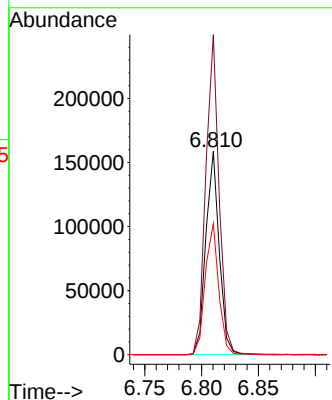
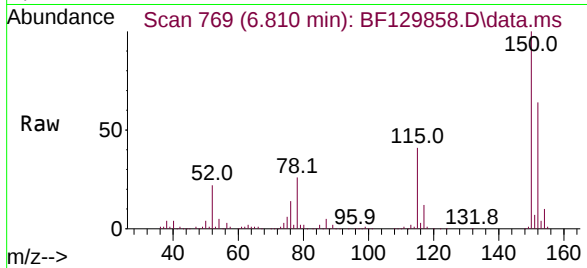




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

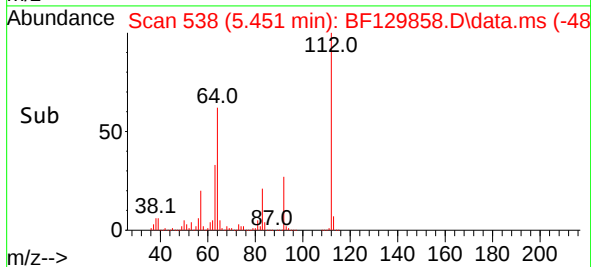
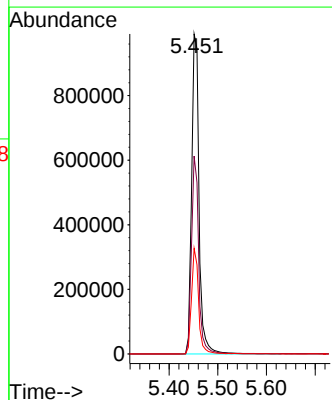
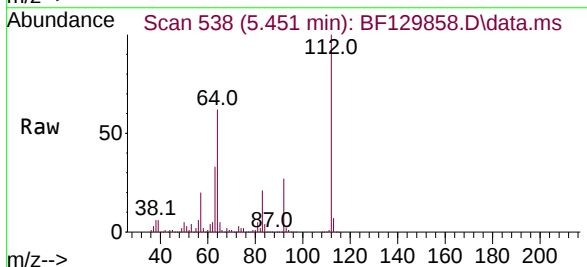
Instrument :
BNA_F
ClientSampleId :
S14

Tgt Ion:152 Resp: 130221
Ion Ratio Lower Upper
152 100
150 157.4 126.9 190.3
115 64.4 53.4 80.0



#5
2-Fluorophenol
Concen: 132.256 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:112 Resp: 1040195
Ion Ratio Lower Upper
112 100
64 61.8 47.6 71.4
63 33.0 24.6 37.0

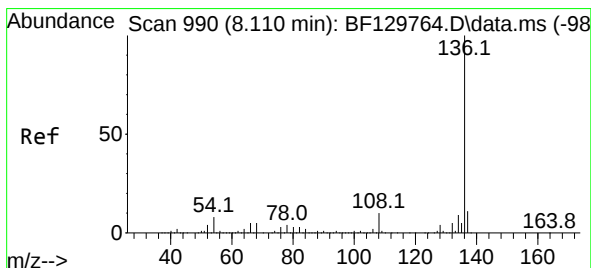
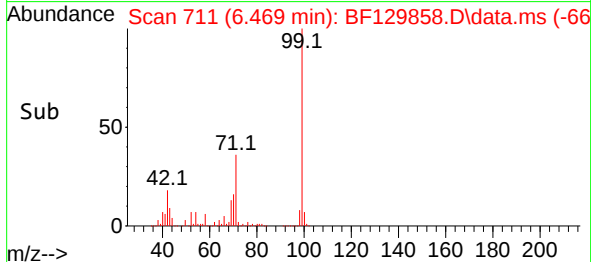
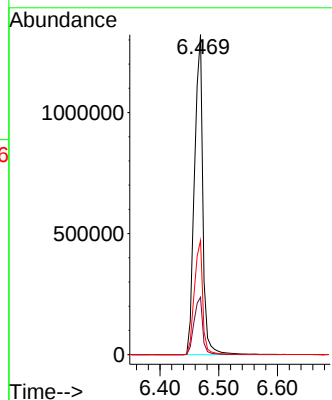
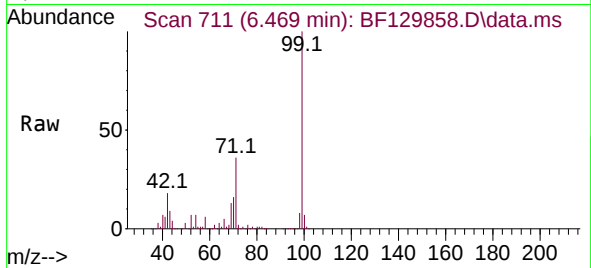




#7
Phenol-d6
Concen: 132.850 ng
RT: 6.469 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

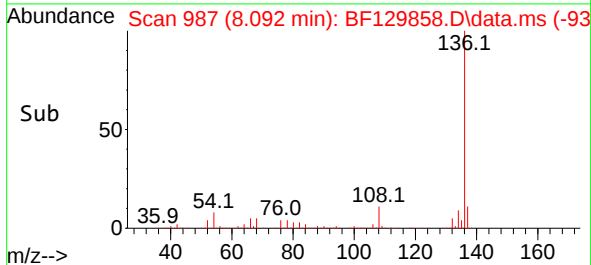
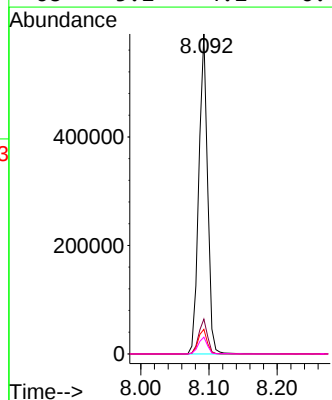
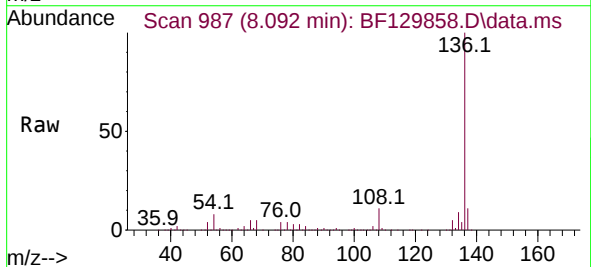
Instrument :
BNA_F
ClientSampleId :
S14

Tgt Ion: 99 Resp: 1308470
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 35.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:136 Resp: 528819
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.7 6.2 9.2
68 5.2 4.2 6.4

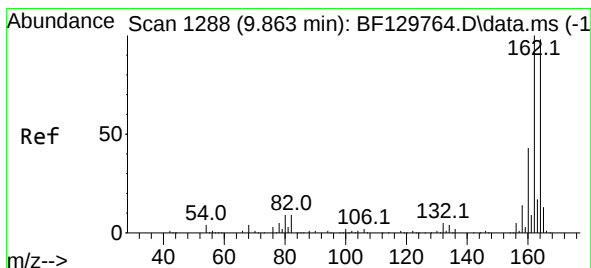
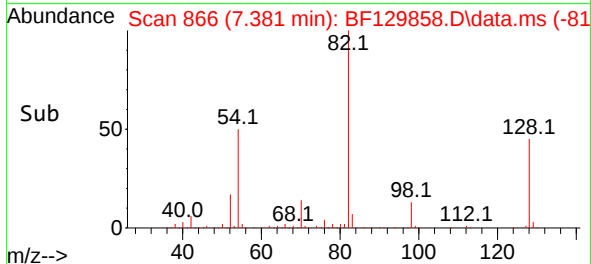
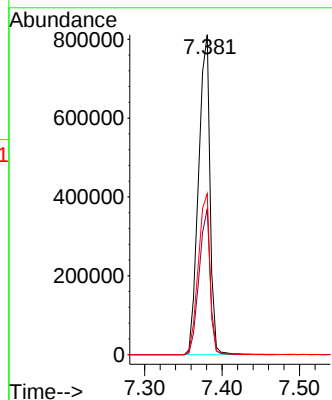
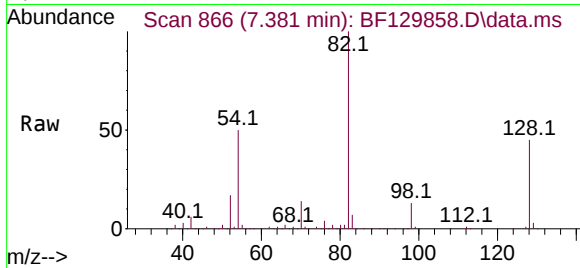




#23
Nitrobenzene-d5
Concen: 84.294 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

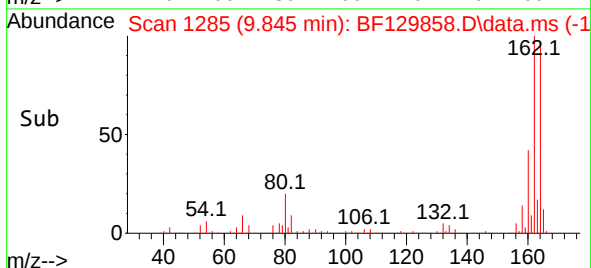
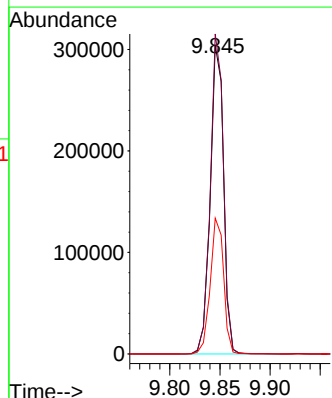
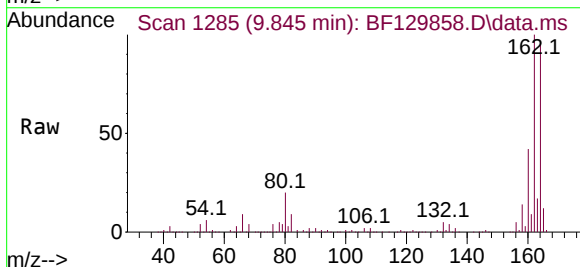
Instrument :
BNA_F
ClientSampleId :
S14

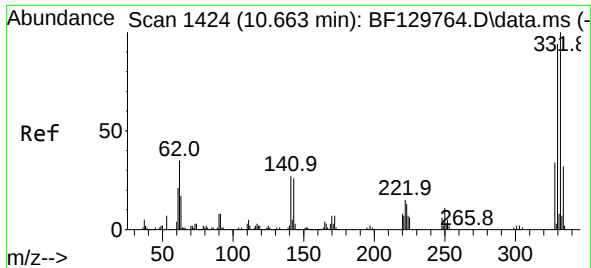
Tgt Ion: 82 Resp: 832703
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 50.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:164 Resp: 279167
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 122.601 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129858.D

Acq: 17 Aug 2022 22:51

Instrument :

BNA_F

ClientSampleId :

S14

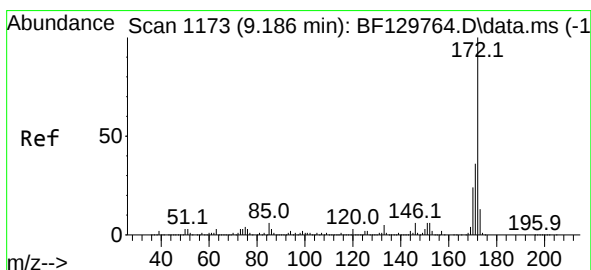
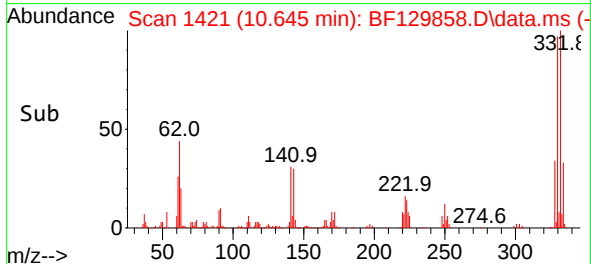
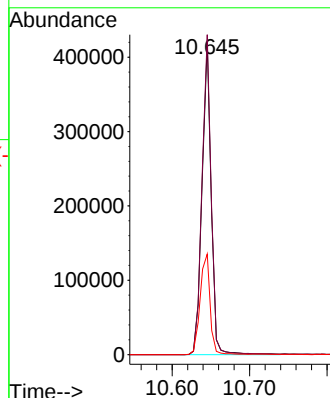
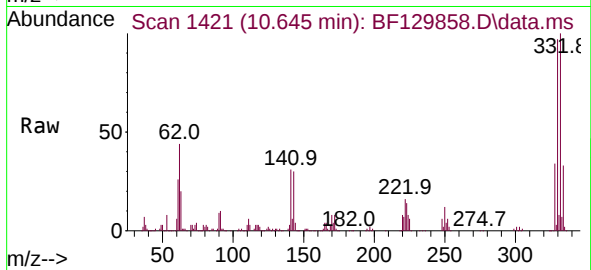
Tgt Ion:330 Resp: 343511

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 35.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 74.373 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129858.D

Acq: 17 Aug 2022 22:51

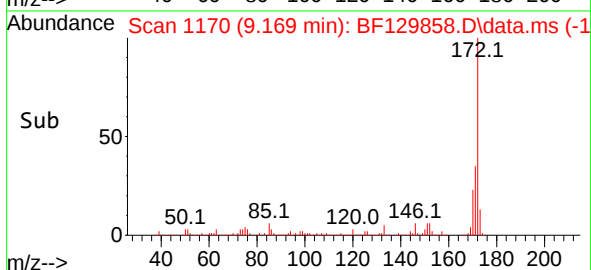
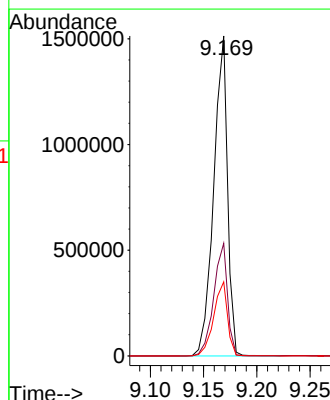
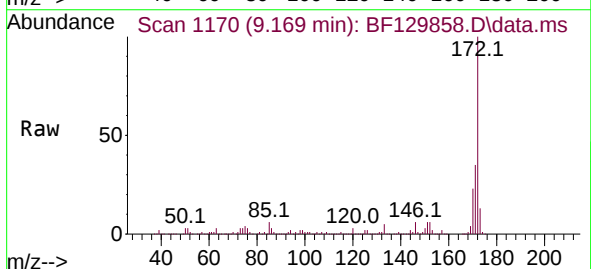
Tgt Ion:172 Resp: 1367033

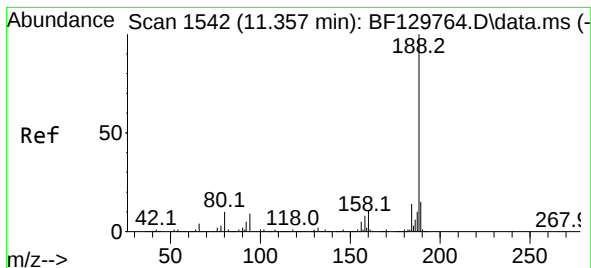
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129858.D

Acq: 17 Aug 2022 22:51

Instrument :

BNA_F

ClientSampleId :

S14

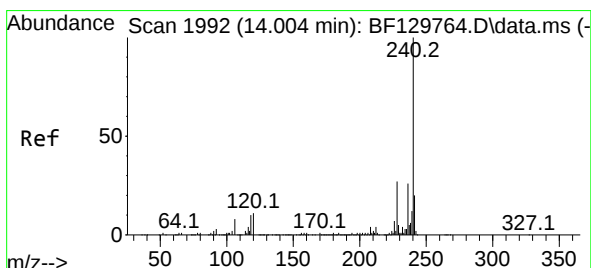
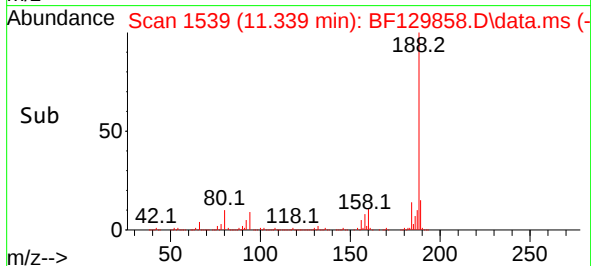
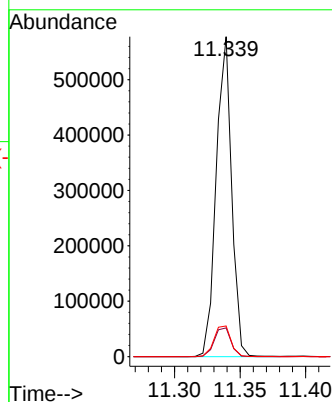
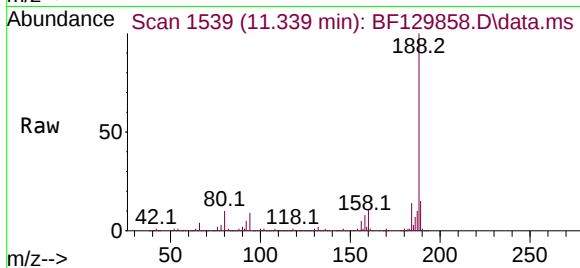
Tgt Ion:188 Resp: 471848

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF129858.D

Acq: 17 Aug 2022 22:51

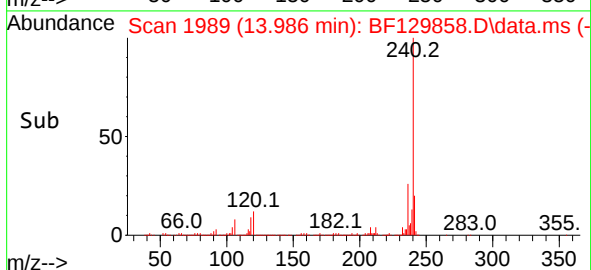
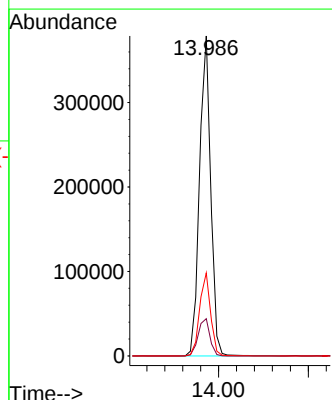
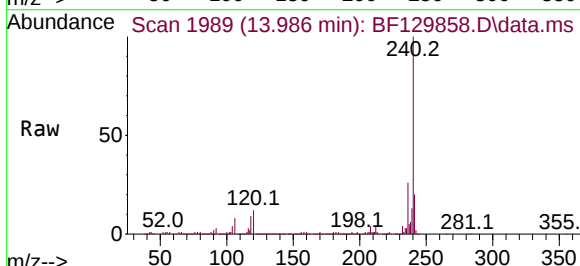
Tgt Ion:240 Resp: 326879

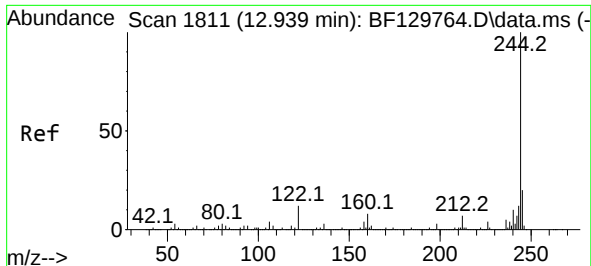
Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

236 25.9 20.7 31.1

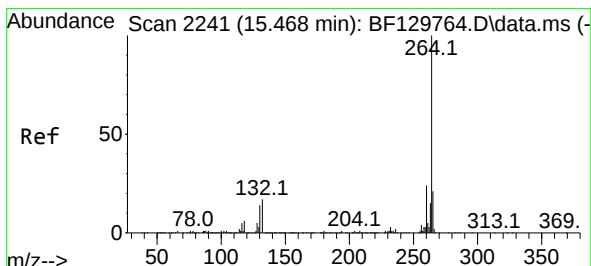
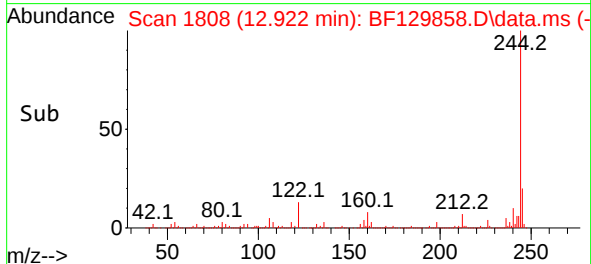
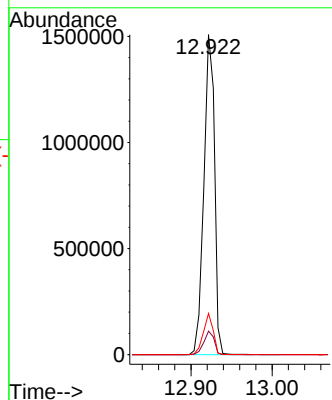
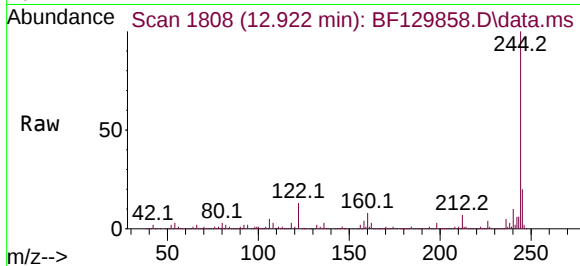




#79
 Terphenyl-d14
 Concen: 69.834 ng
 RT: 12.922 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129858.D
 Acq: 17 Aug 2022 22:51

Instrument :
 BNA_F
 ClientSampleId :
 S14

Tgt Ion:244 Resp: 1371892
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129858.D
 Acq: 17 Aug 2022 22:51

Tgt Ion:264 Resp: 246078
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 20.9 16.7 25.1

