

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128910.D
 Acq On : 21 Jun 2022 21:26
 Operator : CG\JU
 Sample : N3369-02 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jun 22 01:55:42 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	104637	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	367907	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	168170	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	273589	20.000	ng	0.00
76) Chrysene-d12	13.939	240	223395	20.000	ng	# 0.01
86) Perylene-d12	15.368	264	162654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	44280	6.741	ng	0.01
7) Phenol-d6	6.439	99	35277	4.399	ng	0.02
23) Nitrobenzene-d5	7.316	82	119789	15.159	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	23833	11.994	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	173679	14.467	ng	0.00
79) Terphenyl-d14	12.874	244	142665	11.097	ng	0.00

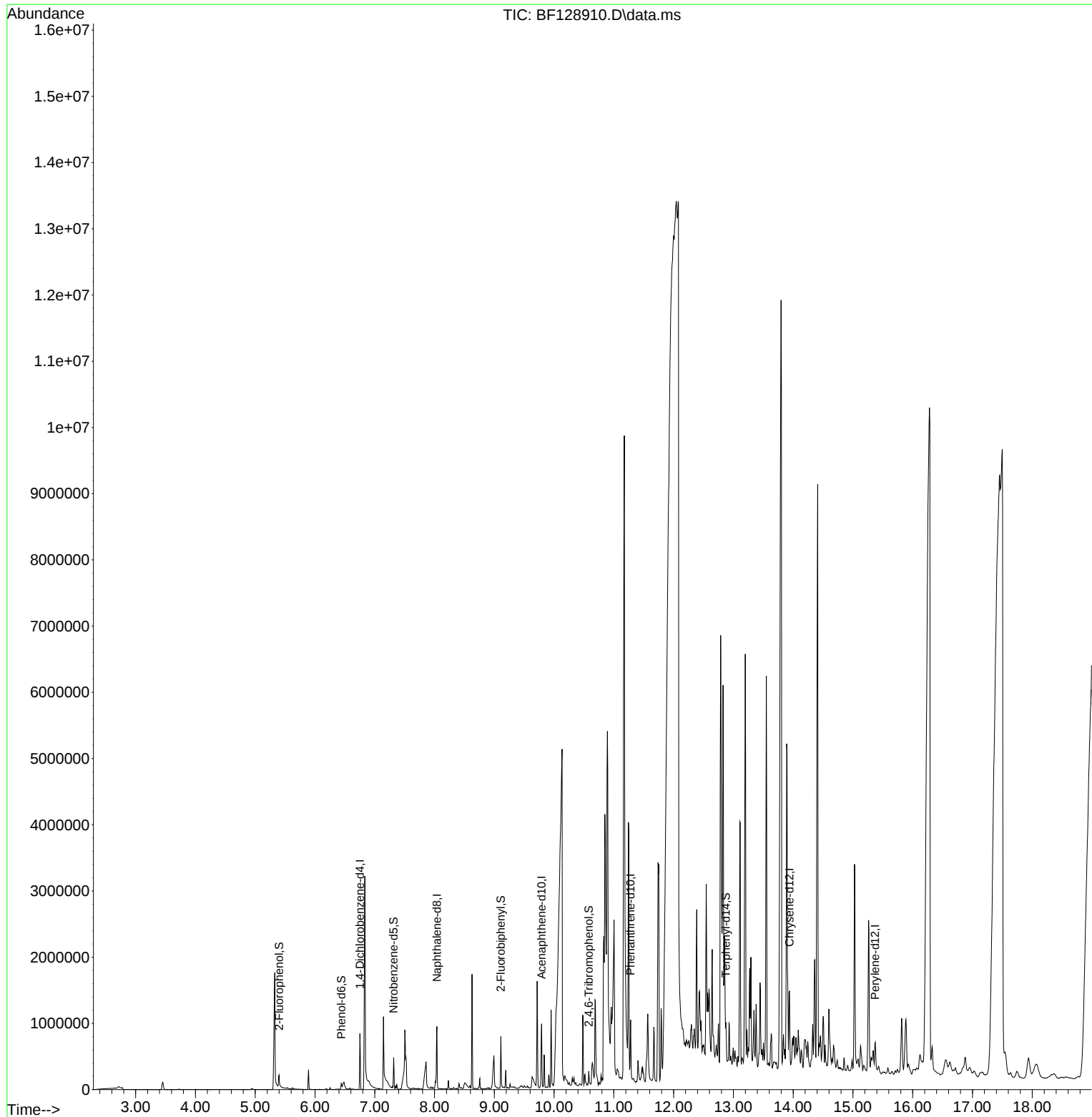
Target Compounds	Qvalue

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

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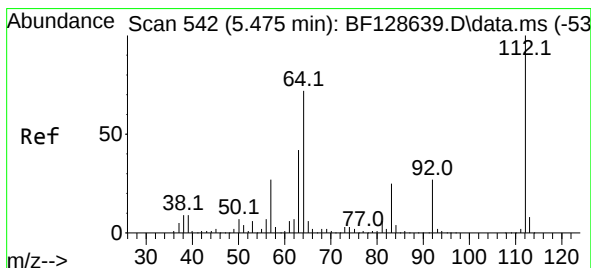
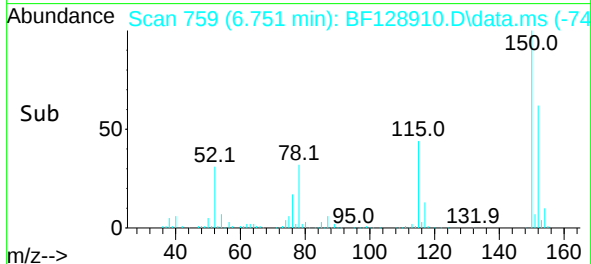
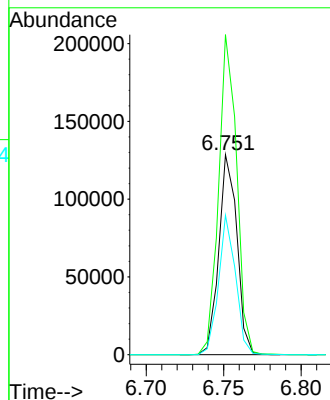
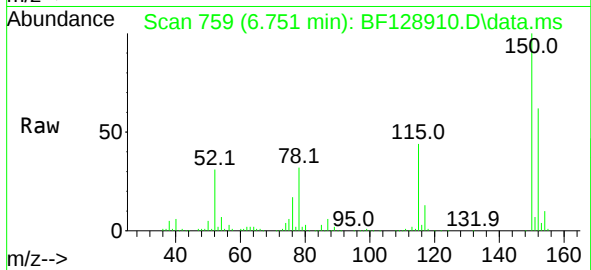




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

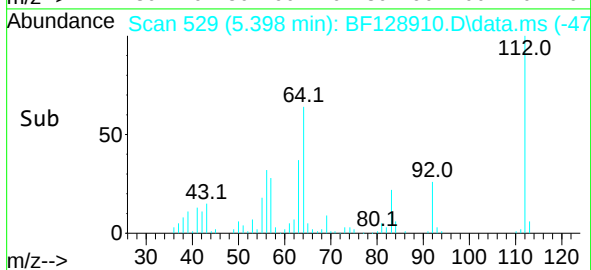
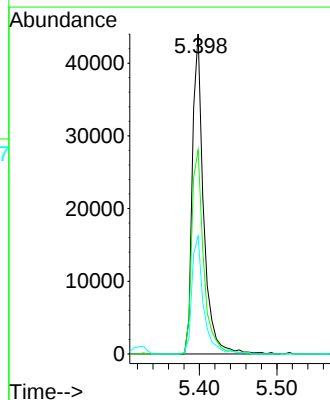
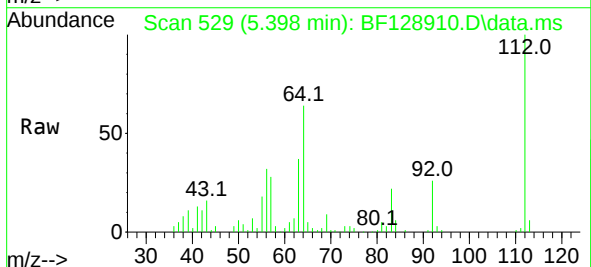
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 104637
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 69.7 49.9 74.9



#5
2-Fluorophenol
Concen: 6.741 ng
RT: 5.398 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

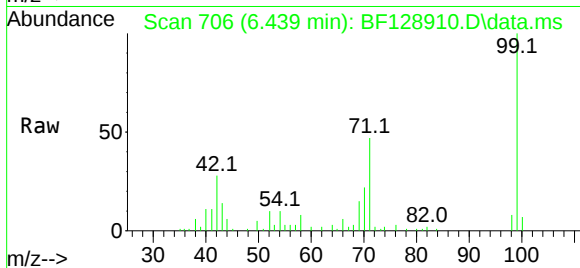
Tgt Ion:112 Resp: 44280
Ion Ratio Lower Upper
112 100
64 63.7 53.3 79.9
63 36.8 28.0 42.0



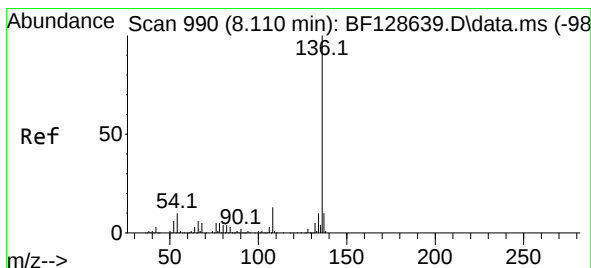
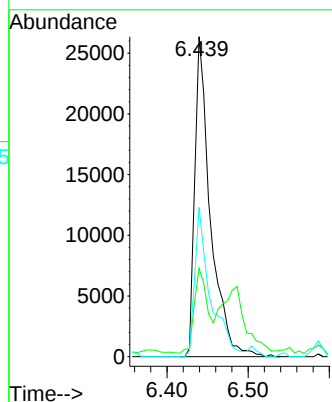
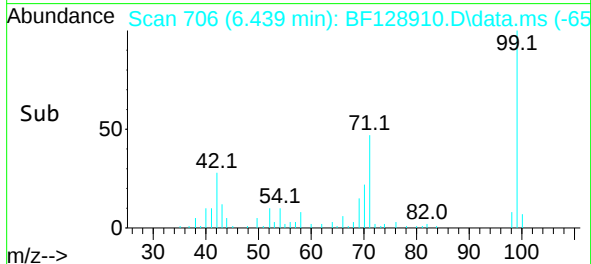


#7
Phenol-d6
Concen: 4.399 ng
RT: 6.439 min Scan# 706
Delta R.T. 0.023 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

Instrument :
BNA_F
ClientSampleId :
EFF-WW

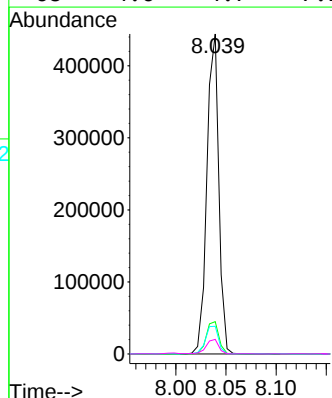
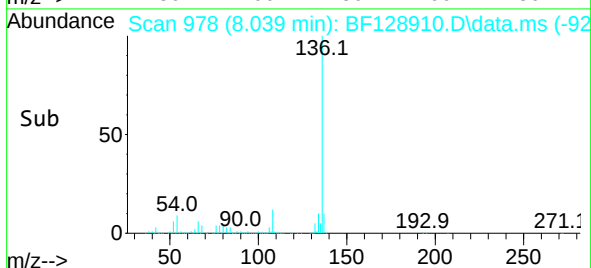
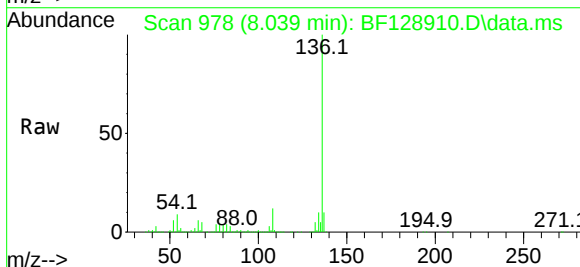


Tgt Ion: 99 Resp: 35277
Ion Ratio Lower Upper
99 100
42 27.7 17.3 25.9#
71 46.6 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128910.D
Acq: 21 Jun 2022 21:26

Tgt Ion: 136 Resp: 367907
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 15.159 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-WW

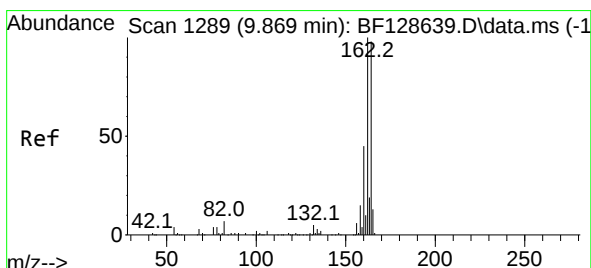
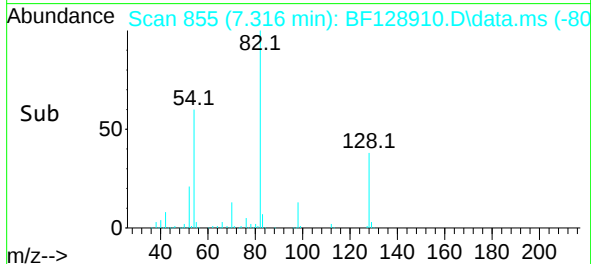
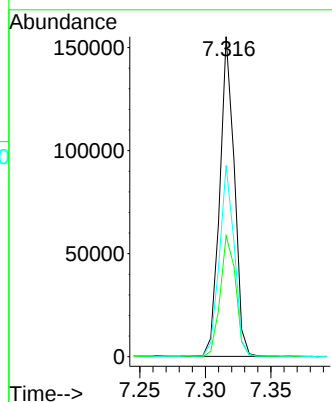
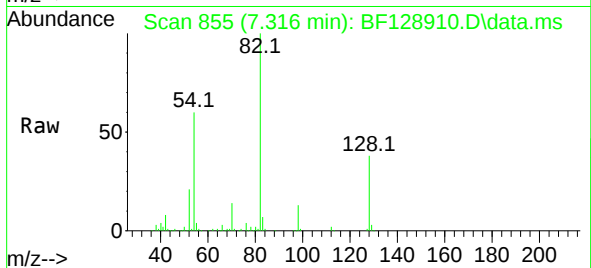
Tgt Ion: 82 Resp: 119789

Ion Ratio Lower Upper

82 100

128 37.8 34.0 51.0

54 59.8 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: BF128910.D

Acq: 21 Jun 2022 21:26

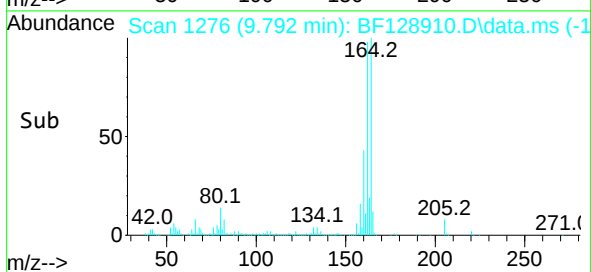
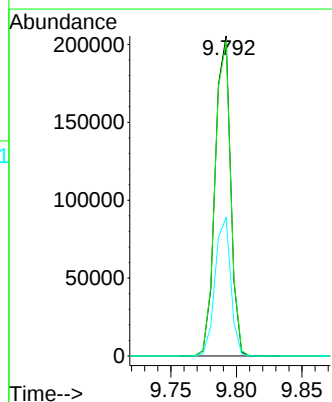
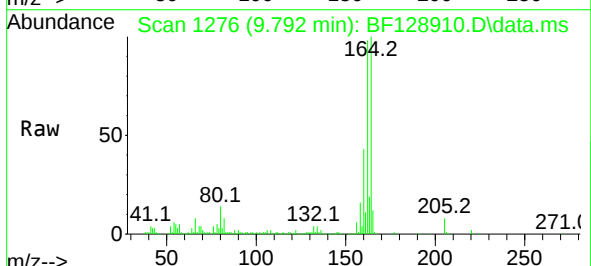
Tgt Ion:164 Resp: 168170

Ion Ratio Lower Upper

164 100

162 98.1 79.5 119.3

160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 11.994 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128910.D

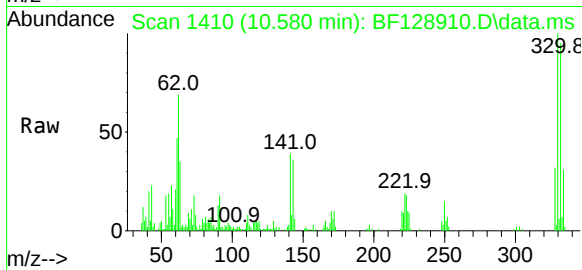
Acq: 21 Jun 2022 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-WW



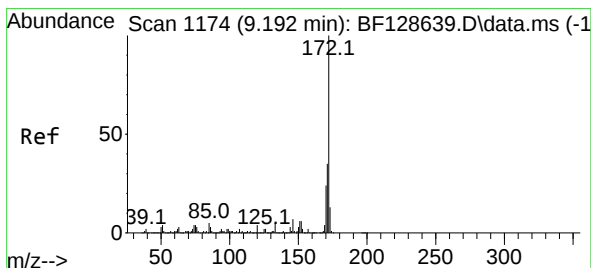
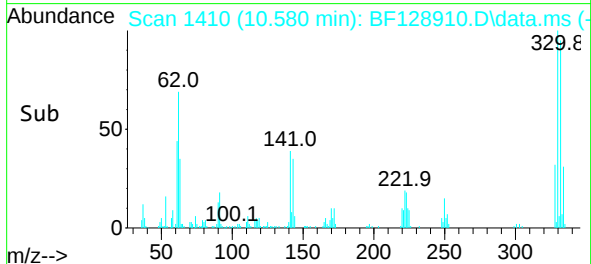
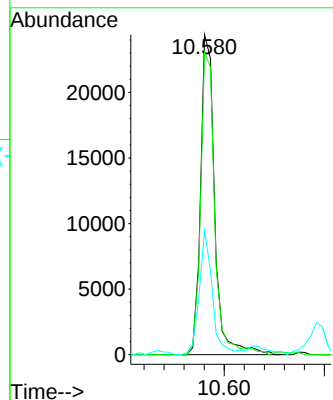
Tgt Ion:330 Resp: 23833

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 35.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 14.467 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

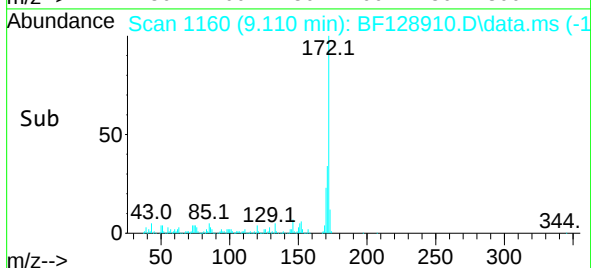
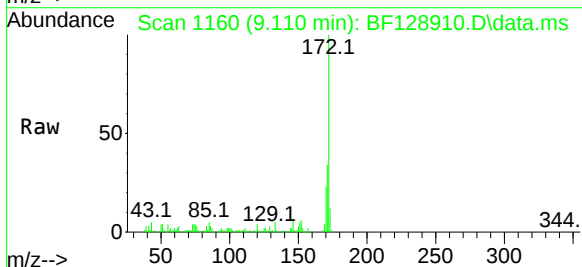
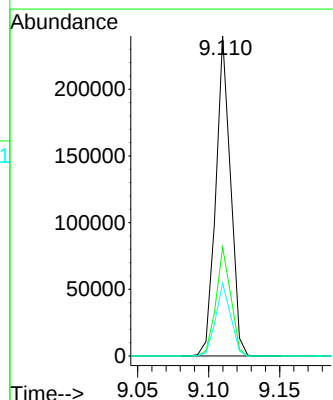
Tgt Ion:172 Resp: 173679

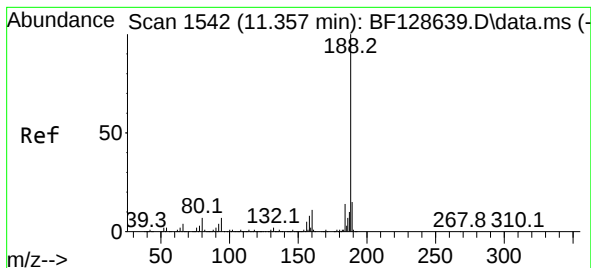
Ion Ratio Lower Upper

172 100

171 34.0 28.8 43.2

170 22.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-WW

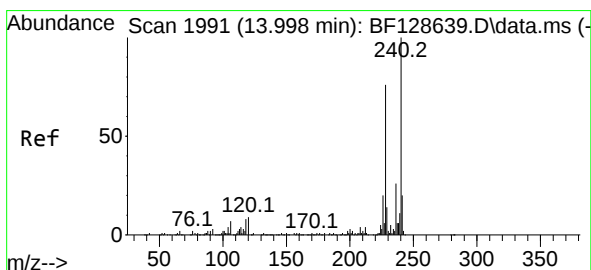
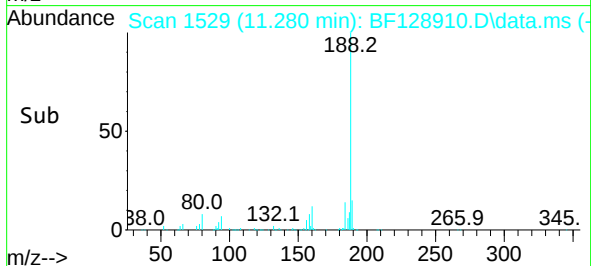
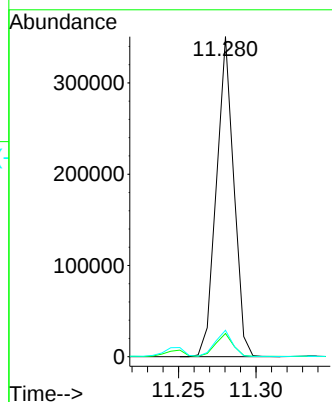
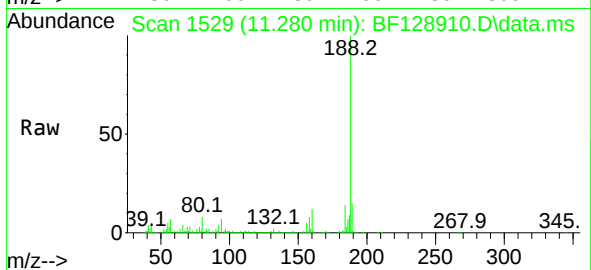
Tgt Ion:188 Resp: 273589

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.6

80 8.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 1981

Delta R.T. 0.012 min

Lab File: BF128910.D

Acq: 21 Jun 2022 21:26

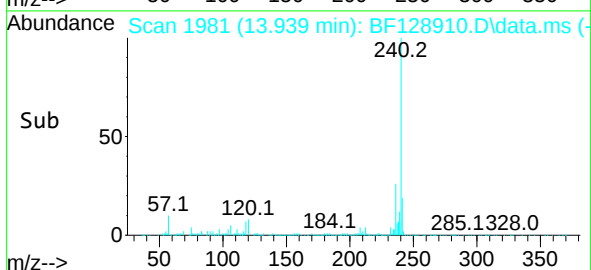
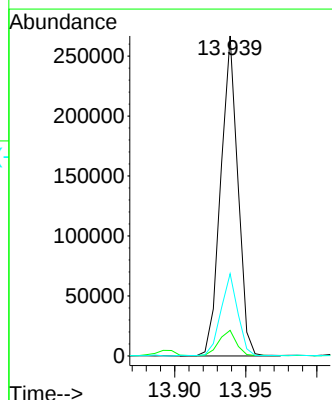
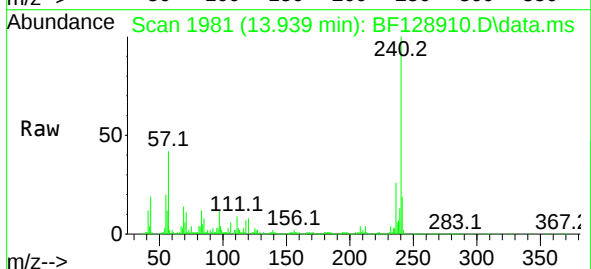
Tgt Ion:240 Resp: 223395

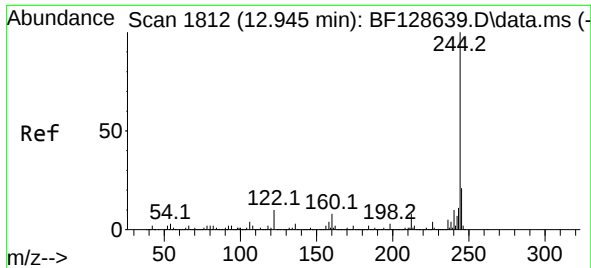
Ion Ratio Lower Upper

240 100

120 8.0 8.9 13.3#

236 25.7 20.8 31.2

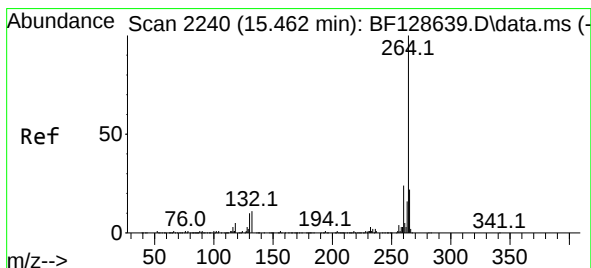
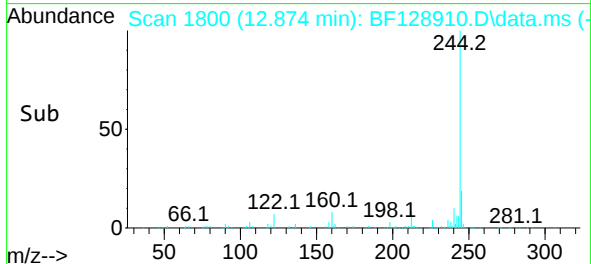
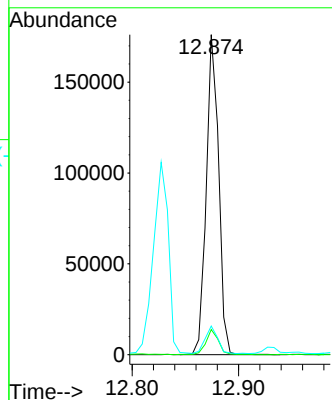
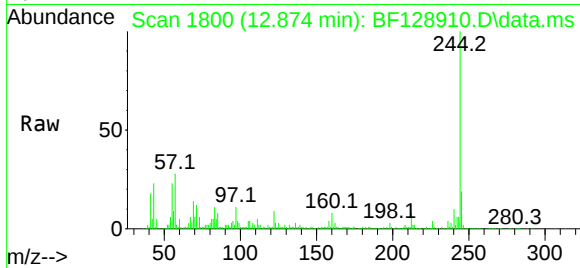




#79
 Terphenyl-d14
 Concen: 11.097 ng
 RT: 12.874 min Scan# 1812
 Delta R.T. 0.006 min
 Lab File: BF128910.D
 Acq: 21 Jun 2022 21:26

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:244 Resp: 142665
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 8.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.368 min Scan# 2224
 Delta R.T. 0.006 min
 Lab File: BF128910.D
 Acq: 21 Jun 2022 21:26

Tgt Ion:264 Resp: 162654
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.4 17.2 25.8

