

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128902.D
 Acq On : 21 Jun 2022 17:31
 Operator : CG\JU
 Sample : PB145577TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145577TB

Quant Time: Jun 22 01:51:57 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	117736	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	463743	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	266331	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	454596	20.000	ng	0.00
76) Chrysene-d12	13.916	240	368683	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	287028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	928041	125.553	ng	0.01
7) Phenol-d6	6.410	99	1130724	125.319	ng	0.00
23) Nitrobenzene-d5	7.322	82	856737	86.014	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	349765	111.148	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1553168	81.691	ng	0.00
79) Terphenyl-d14	12.869	244	1786122	84.182	ng	0.00

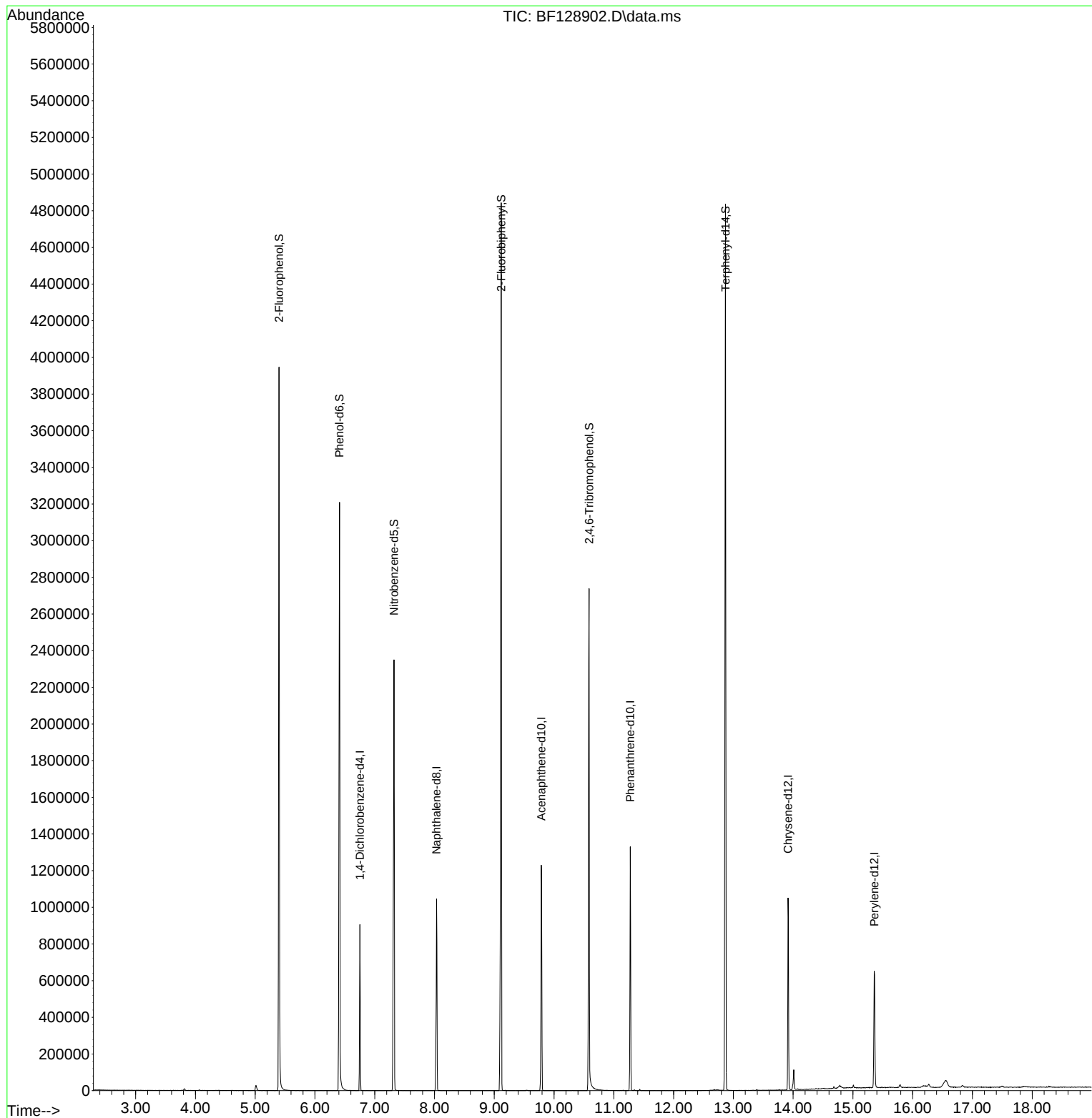
Target Compounds	Qvalue

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

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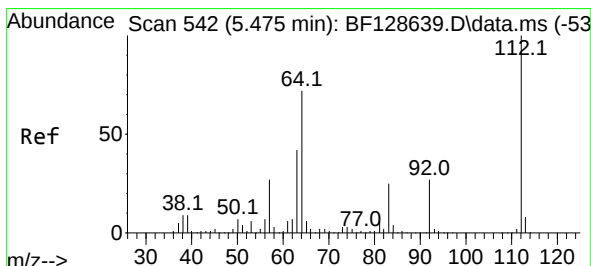
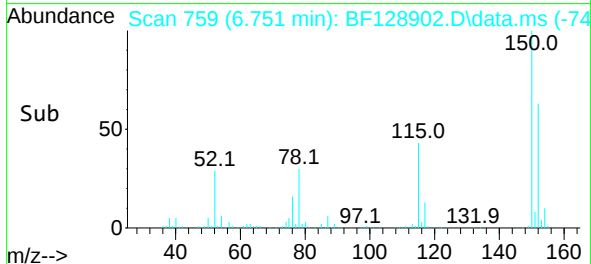
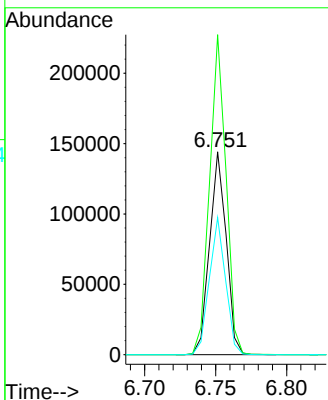
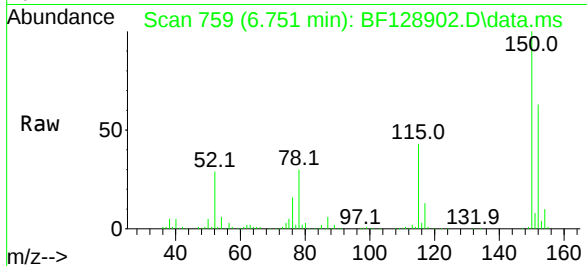




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128902.D
Acq: 21 Jun 2022 17:31

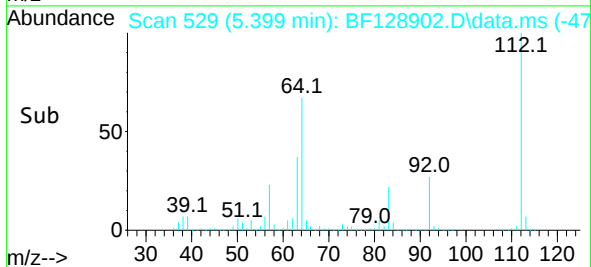
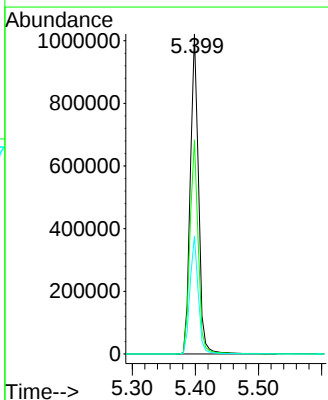
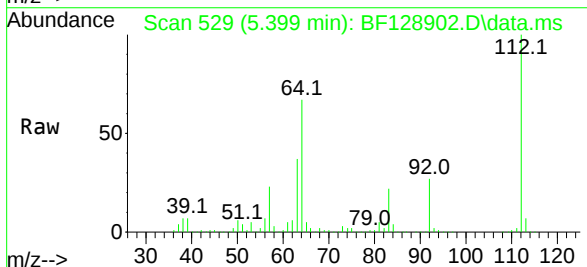
Instrument :
BNA_F
ClientSampleId :
PB145577TB

Tgt Ion:152 Resp: 117736
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 67.6 49.9 74.9



#5
2-Fluorophenol
Concen: 125.553 ng
RT: 5.399 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF128902.D
Acq: 21 Jun 2022 17:31

Tgt Ion:112 Resp: 928041
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 36.9 28.0 42.0

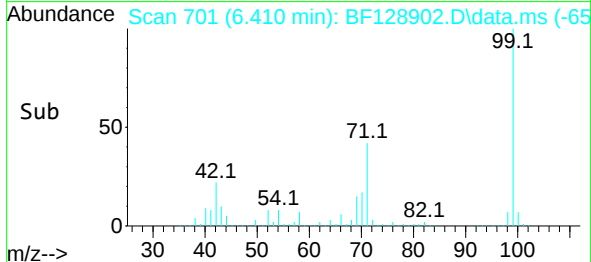
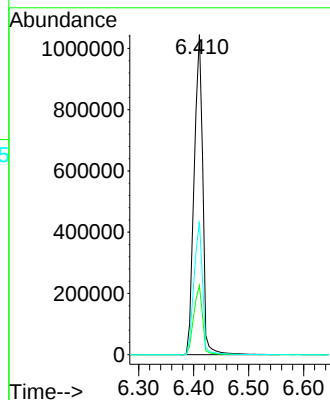
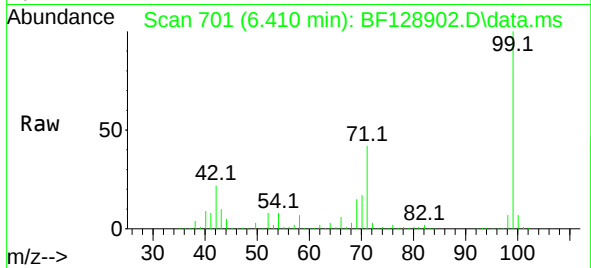




#7
Phenol-d6
Concen: 125.319 ng
RT: 6.410 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128902.D
Acq: 21 Jun 2022 17:31

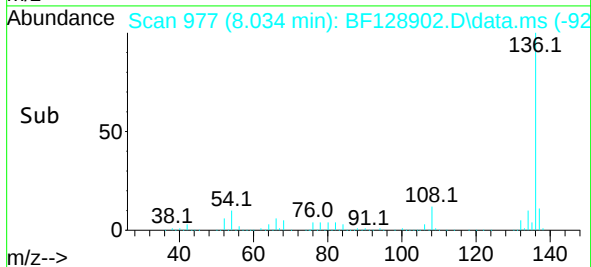
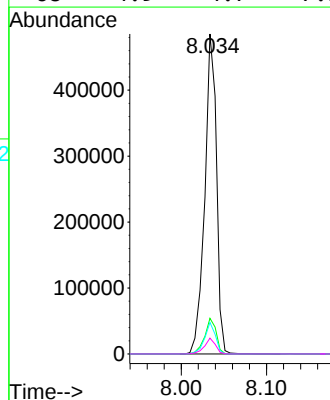
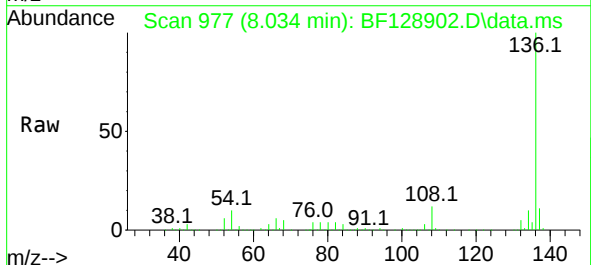
Instrument :
BNA_F
ClientSampleId :
PB145577TB

Tgt Ion: 99 Resp: 1130724
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 41.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF128902.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 136 Resp: 463743
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.8 7.5 11.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 86.014 ng

RT: 7.322 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128902.D

Acq: 21 Jun 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB145577TB

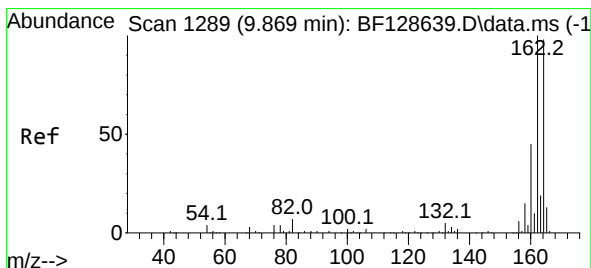
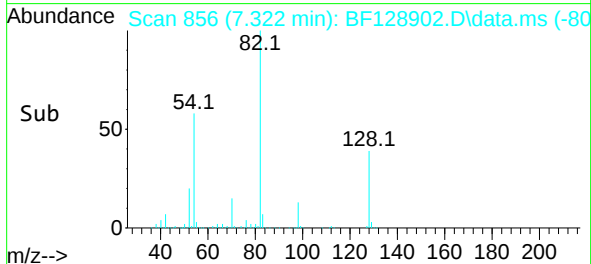
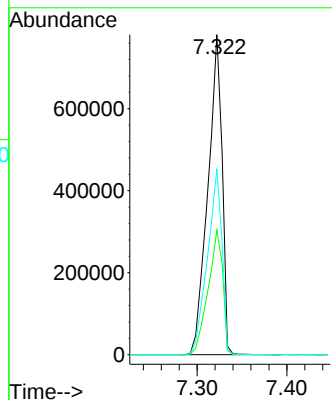
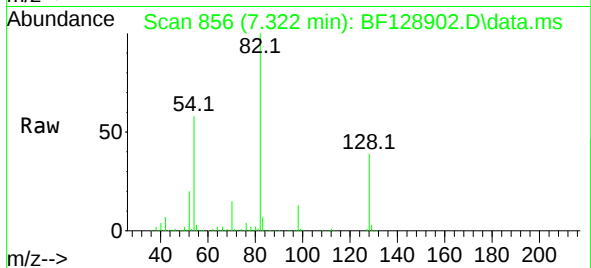
Tgt Ion: 82 Resp: 856737

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 58.2 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BF128902.D

Acq: 21 Jun 2022 17:31

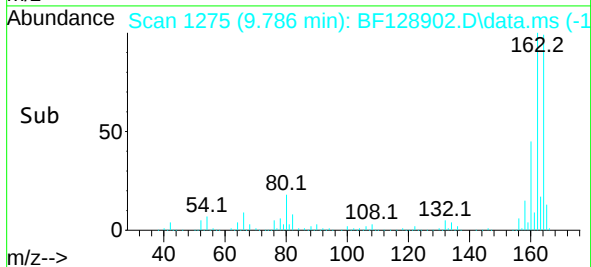
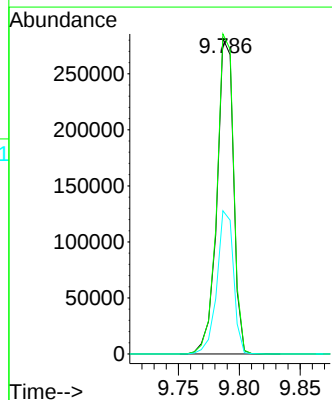
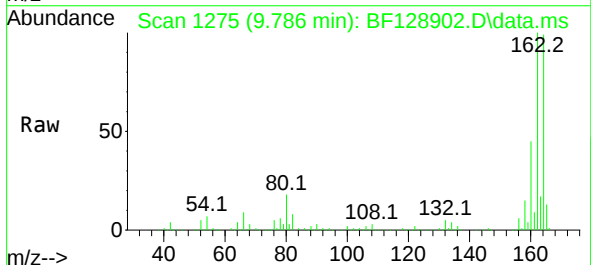
Tgt Ion:164 Resp: 266331

Ion Ratio Lower Upper

164 100

162 101.4 79.5 119.3

160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 111.148 ng

RT: 10.586 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF128902.D

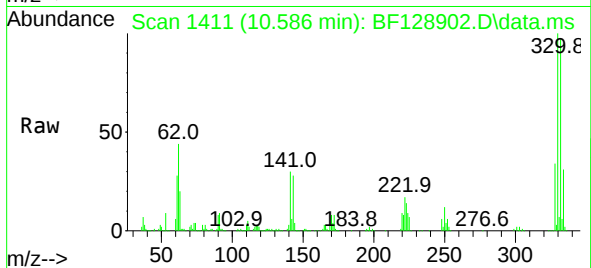
Acq: 21 Jun 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB145577TB



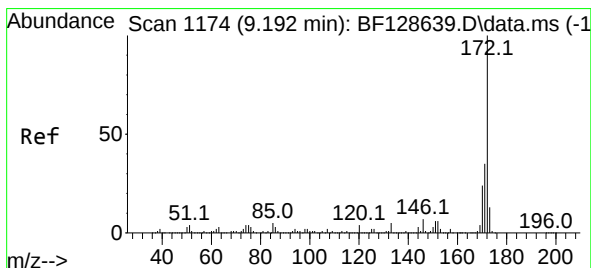
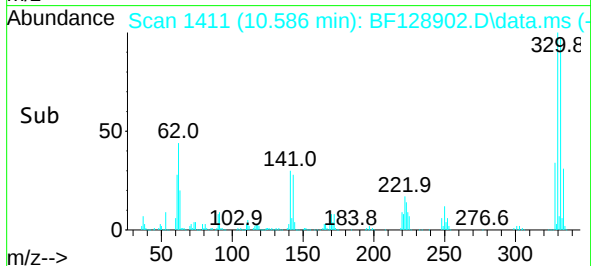
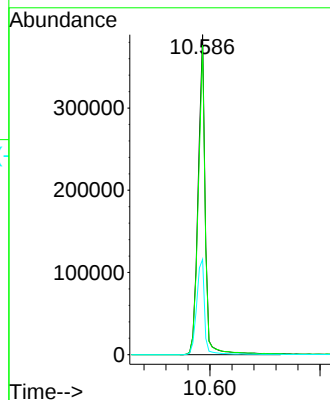
Tgt Ion:330 Resp: 349765

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

141 33.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.691 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF128902.D

Acq: 21 Jun 2022 17:31

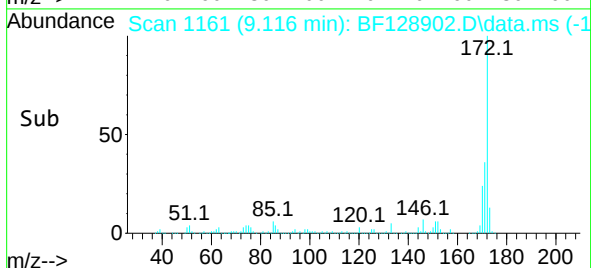
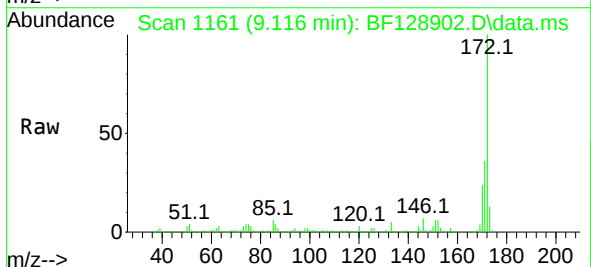
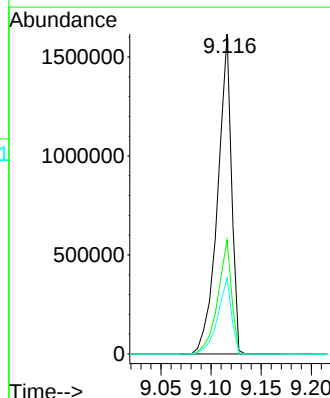
Tgt Ion:172 Resp: 1553168

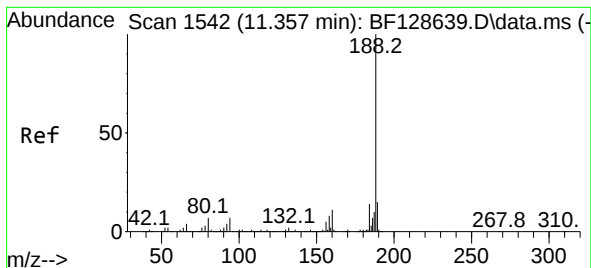
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128902.D

Acq: 21 Jun 2022 17:31

Instrument :

BNA_F

ClientSampleId :

PB145577TB

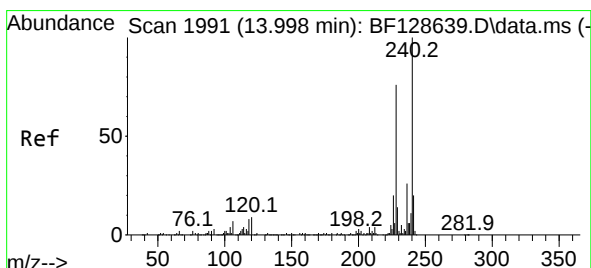
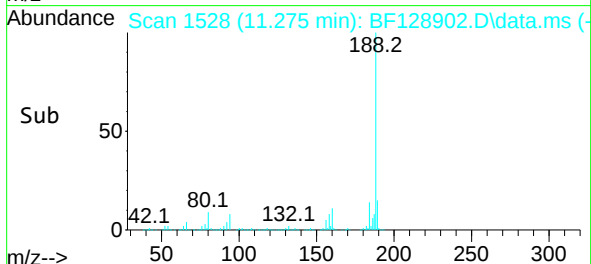
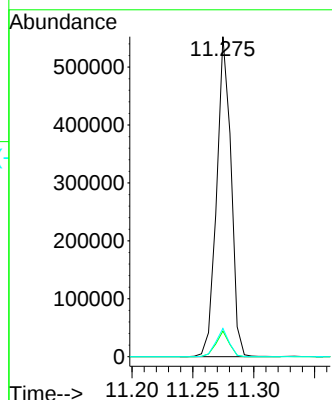
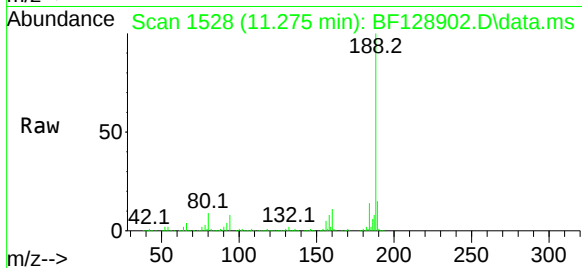
Tgt Ion:188 Resp: 454596

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 8.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BF128902.D

Acq: 21 Jun 2022 17:31

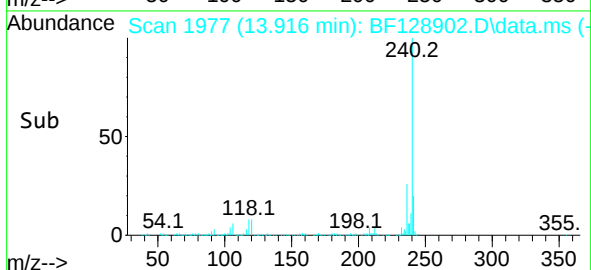
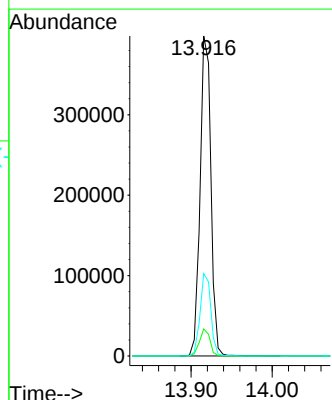
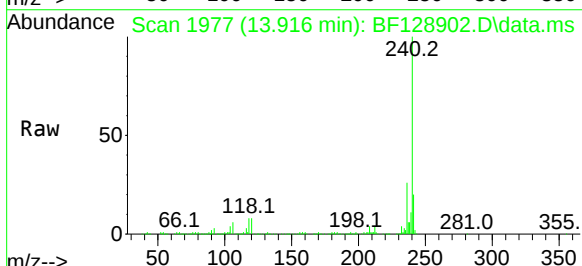
Tgt Ion:240 Resp: 368683

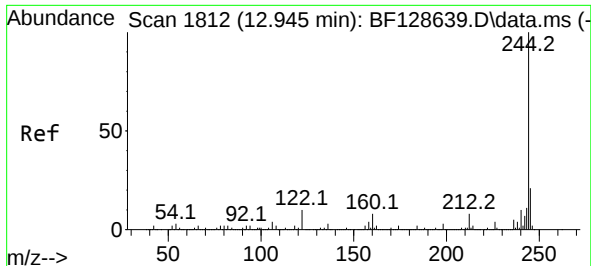
Ion Ratio Lower Upper

240 100

120 8.4 8.9 13.3#

236 25.8 20.8 31.2

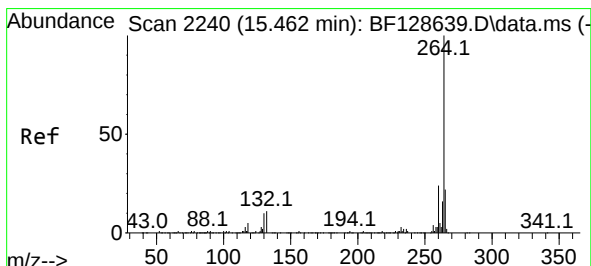
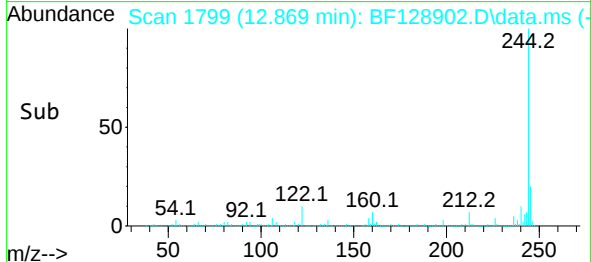
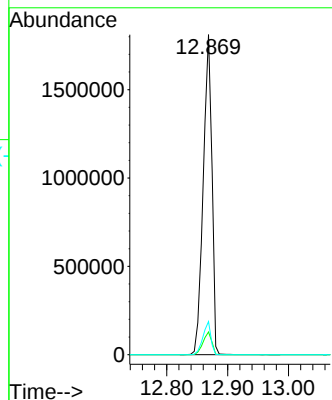
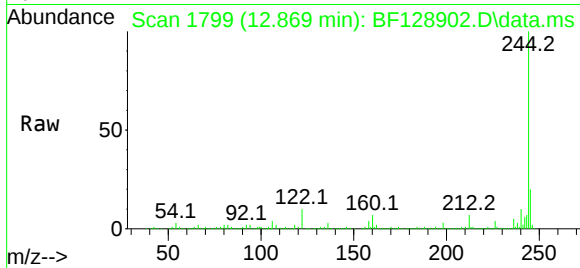




#79
 Terphenyl-d14
 Concen: 84.182 ng
 RT: 12.869 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128902.D
 Acq: 21 Jun 2022 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB145577TB

Tgt Ion:244 Resp: 1786122
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF128902.D
 Acq: 21 Jun 2022 17:31

Tgt Ion:264 Resp: 287028
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 22.3 17.2 25.8

