

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128648.D
 Acq On : 02 Jun 2022 20:09
 Operator : CG\JU
 Sample : N3104-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jun 03 03:36:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	104515	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	400269	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	231251	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	442332	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	359848	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	247705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	688238	104.889	ng	0.01
7) Phenol-d6	6.492	99	791974	98.879	ng	0.00
23) Nitrobenzene-d5	7.386	82	735647	85.569	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	346584	126.845	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1401145	84.874	ng	0.00
79) Terphenyl-d14	12.945	244	1707241	82.439	ng	0.00

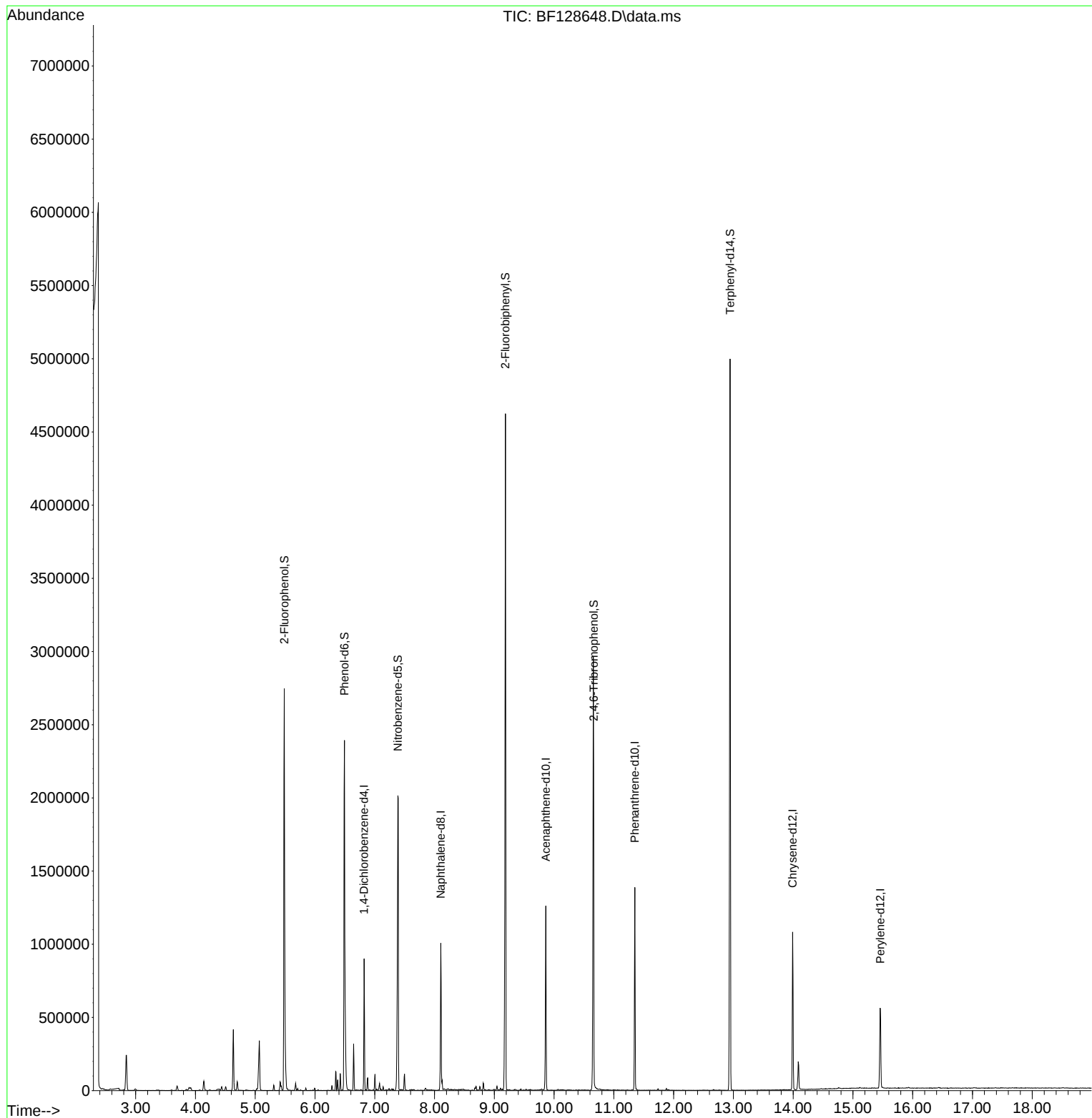
Target Compounds	Qvalue

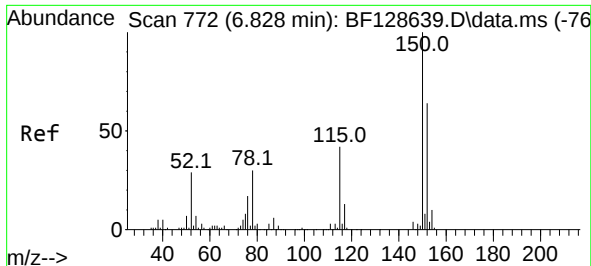
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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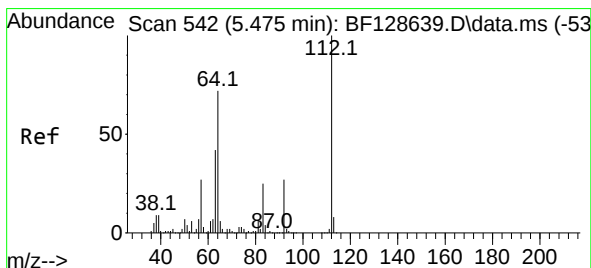
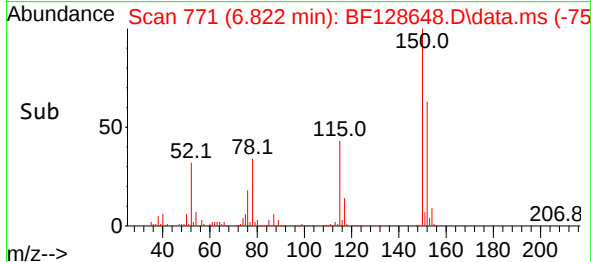
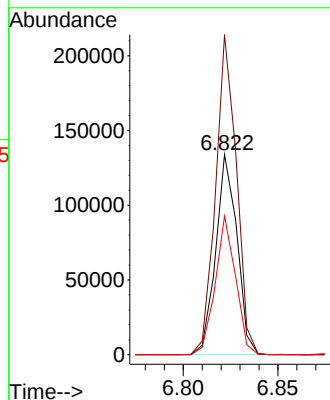
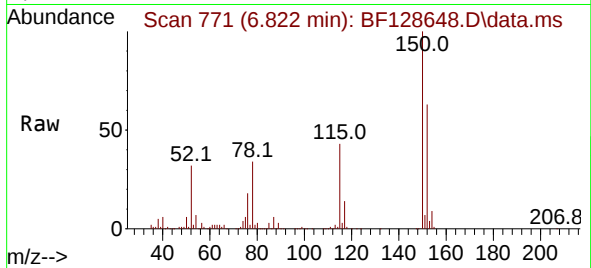




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

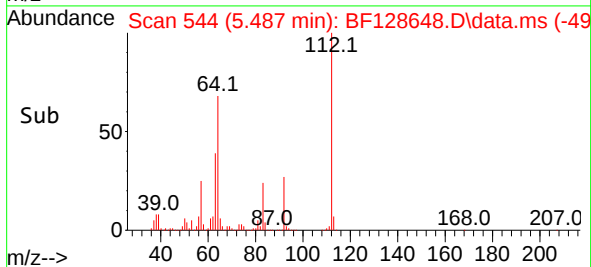
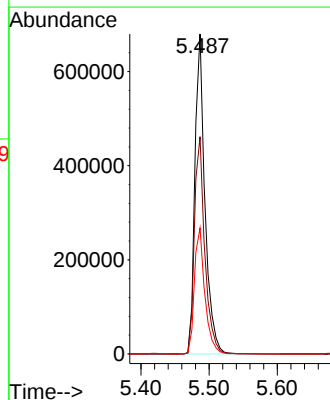
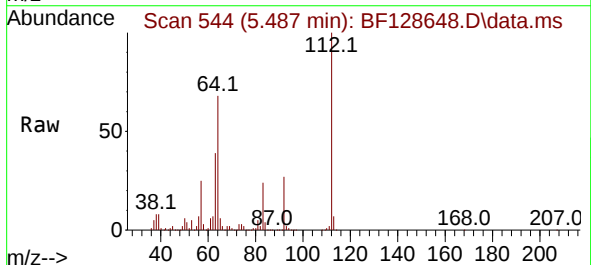
Instrument :
BNA_F
ClientSampleId :
WC-6

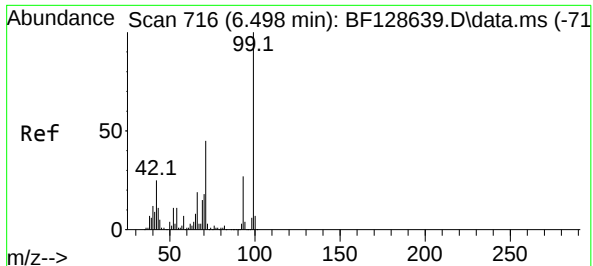
Tgt Ion:152 Resp: 104515
Ion Ratio Lower Upper
152 100
150 159.9 123.7 185.5
115 69.2 49.9 74.9



#5
2-Fluorophenol
Concen: 104.889 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion:112 Resp: 688238
Ion Ratio Lower Upper
112 100
64 67.9 53.3 79.9
63 39.3 28.0 42.0

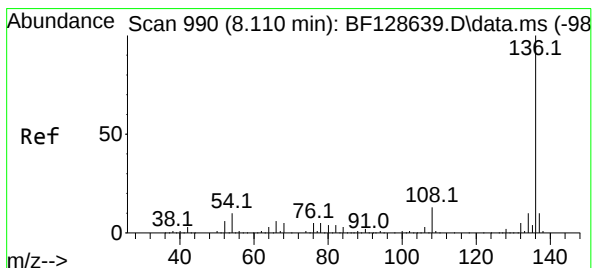
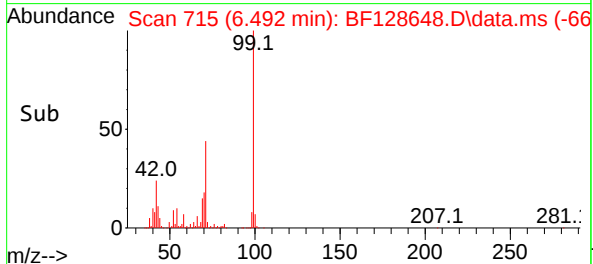
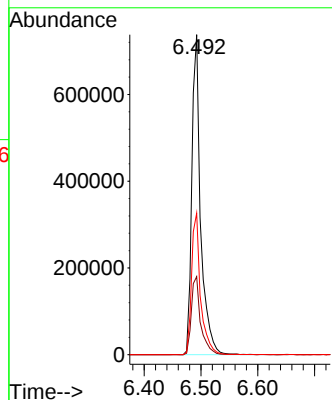
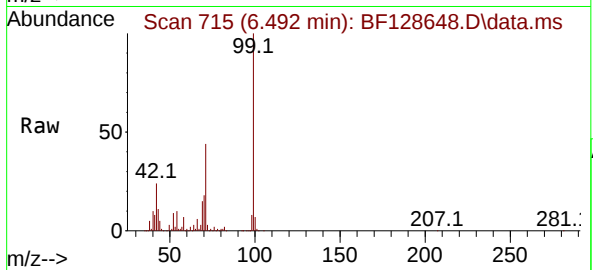




#7
Phenol-d6
Concen: 98.879 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

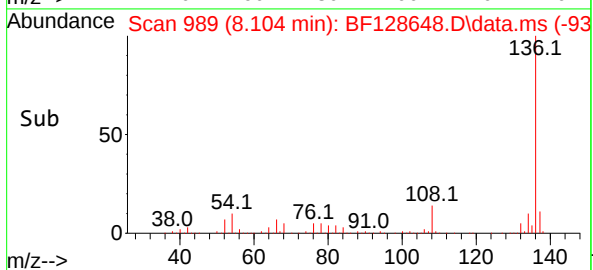
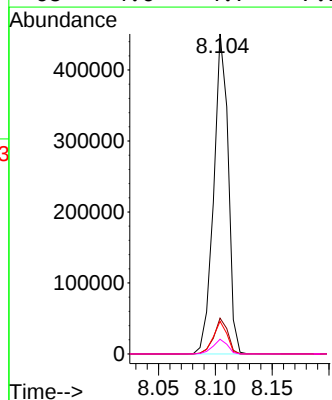
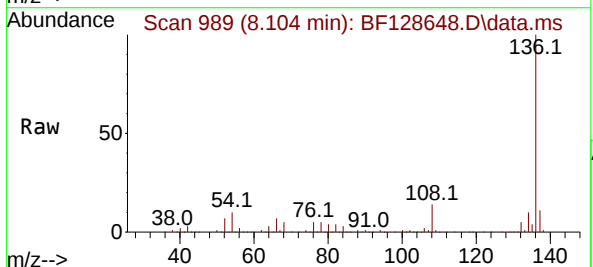
Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion: 99 Resp: 791974
Ion Ratio Lower Upper
99 100
42 24.4 17.3 25.9
71 44.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion: 136 Resp: 400269
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 7.5 11.3
68 4.6 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 85.569 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WC-6

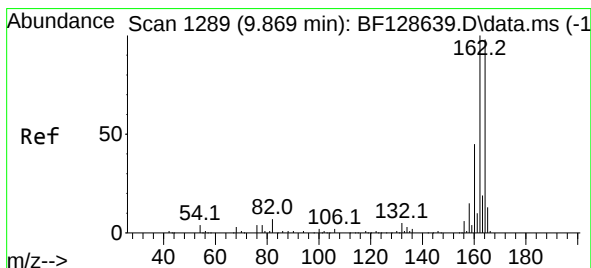
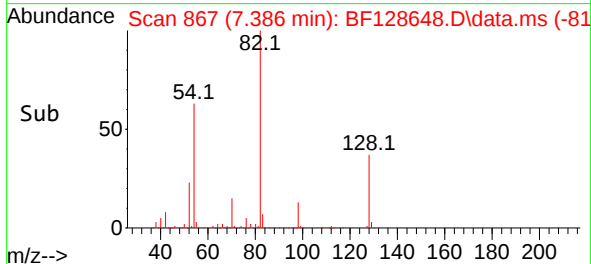
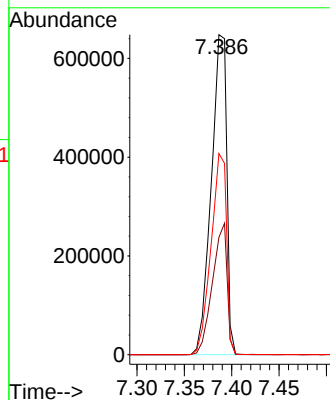
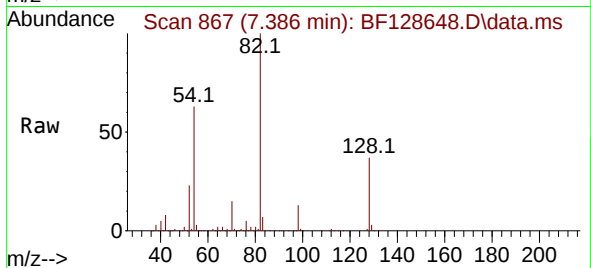
Tgt Ion: 82 Resp: 735647

Ion Ratio Lower Upper

82 100

128 36.6 34.0 51.0

54 62.9 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

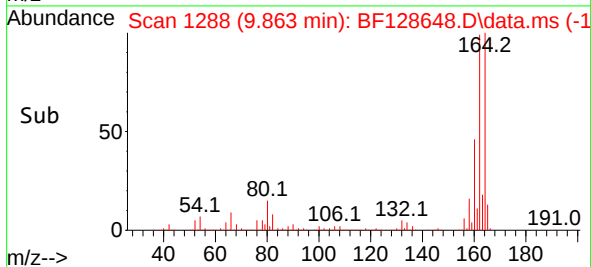
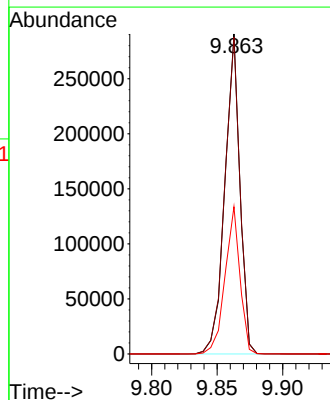
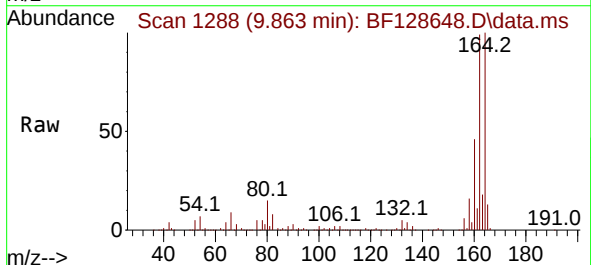
Tgt Ion:164 Resp: 231251

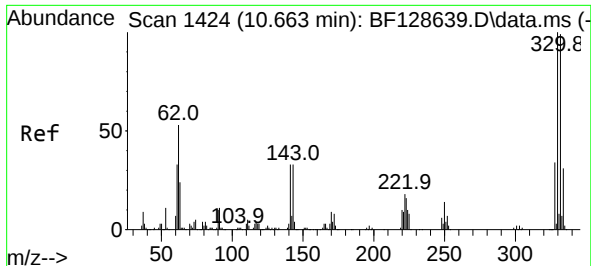
Ion Ratio Lower Upper

164 100

162 99.1 79.5 119.3

160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.845 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WC-6

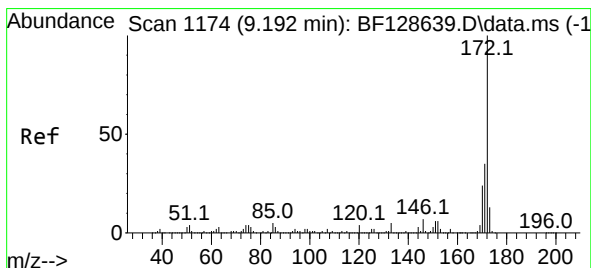
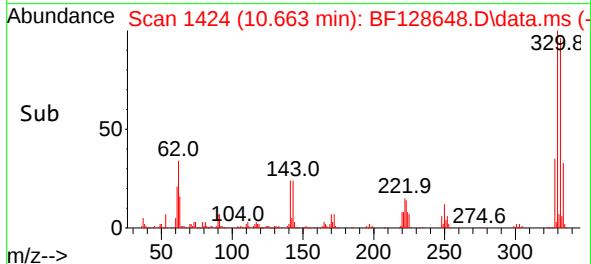
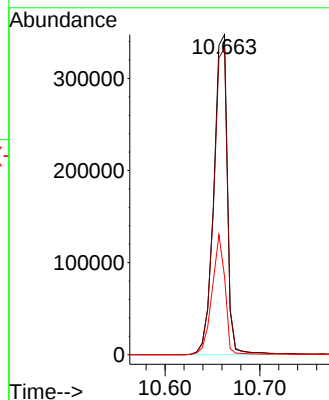
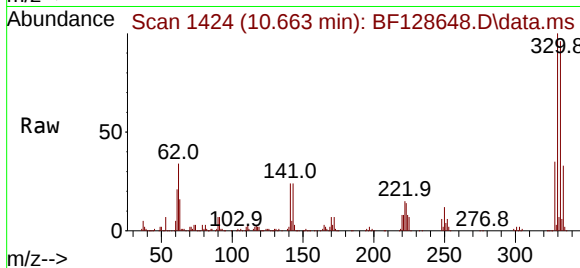
Tgt Ion:330 Resp: 346584

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

141 35.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.874 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

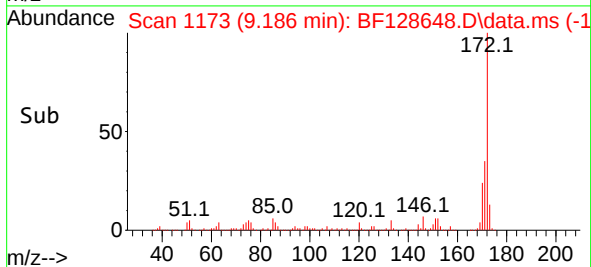
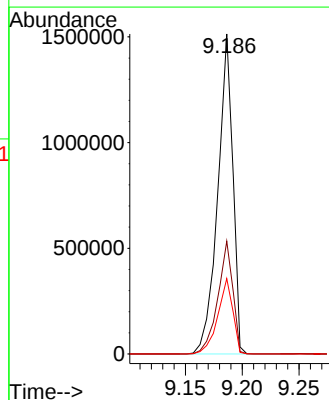
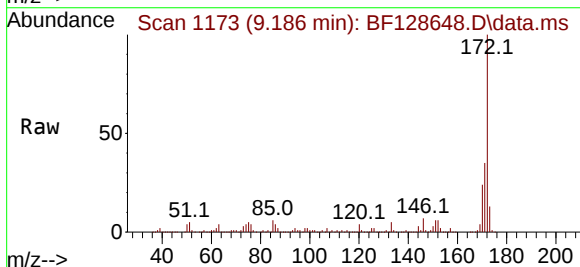
Tgt Ion:172 Resp: 1401145

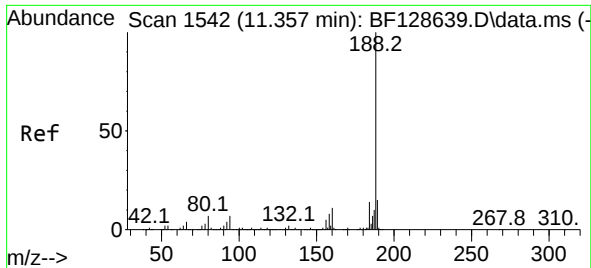
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.8 29.8

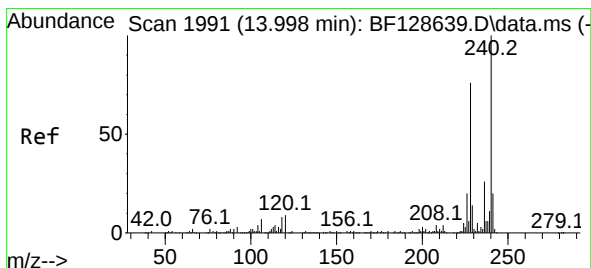
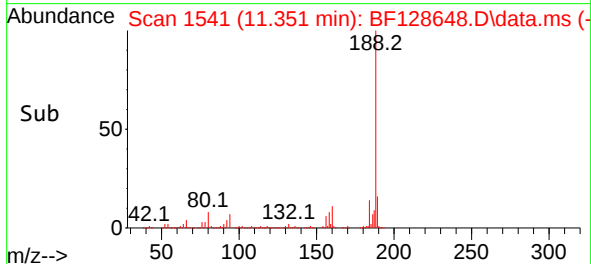
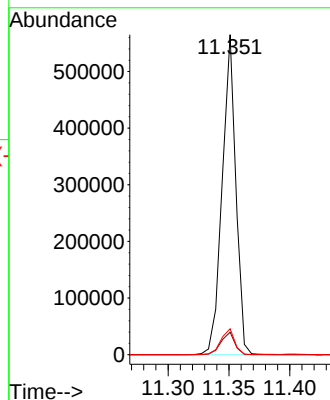
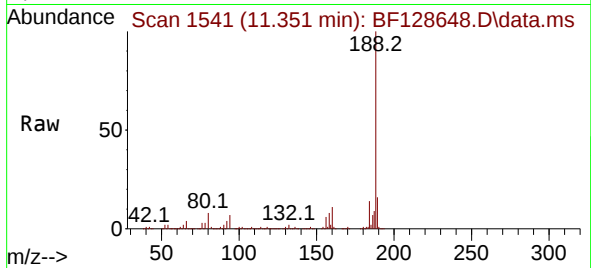




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

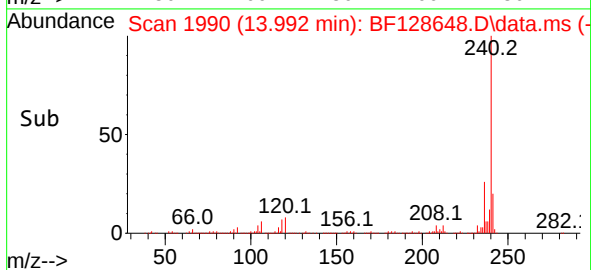
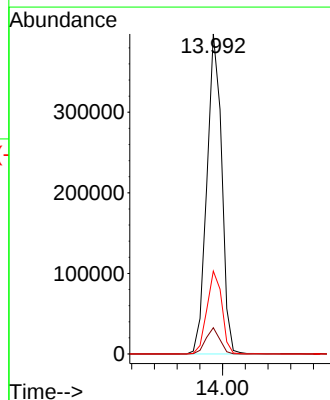
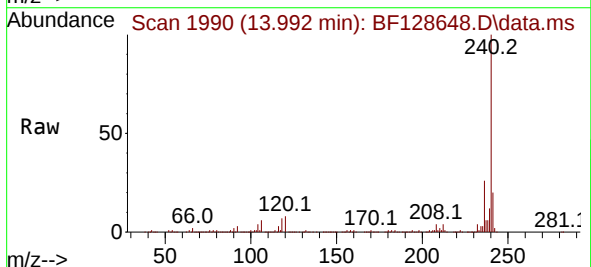
Instrument :
BNA_F
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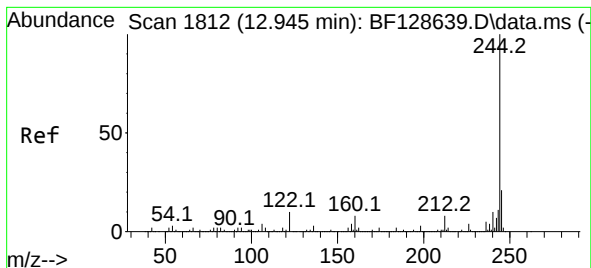
Tgt Ion:188 Resp: 442332
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 8.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion:240 Resp: 359848
Ion Ratio Lower Upper
240 100
120 8.2 8.9 13.3#
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 82.439 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WC-6

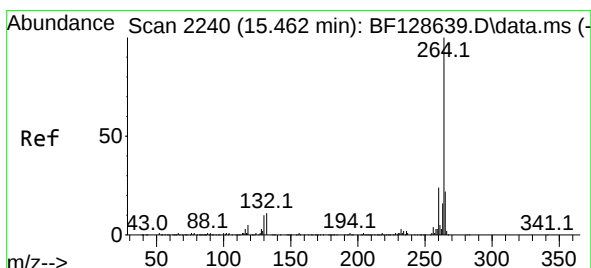
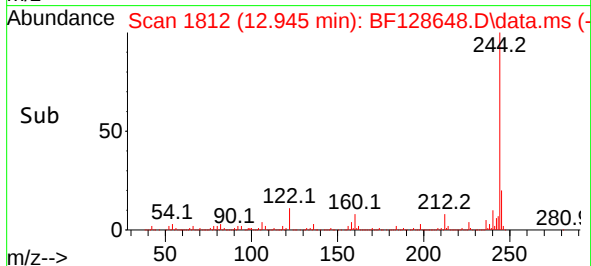
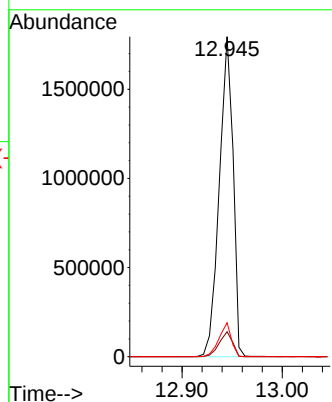
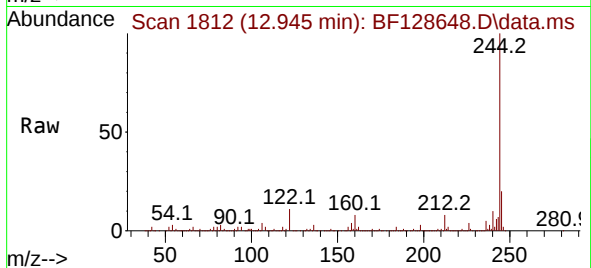
Tgt Ion:244 Resp: 1707241

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 10.6 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2239

Delta R.T. -0.005 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Tgt Ion:264 Resp: 247705

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.0 17.2 25.8

