

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128802.D
 Acq On : 14 Jun 2022 16:15
 Operator : CG\JU
 Sample : N3304-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-9-G

Quant Time: Jun 15 01:01:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	79471	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	297253	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	169605	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	286468	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	163211	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	172586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	654201	131.121	ng	0.02
7) Phenol-d6	6.440	99	762337	125.173	ng	0.00
23) Nitrobenzene-d5	7.345	82	631786	98.956	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	278409	138.929	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1210708	99.995	ng	0.00
79) Terphenyl-d14	12.904	244	1060910	112.950	ng	0.00

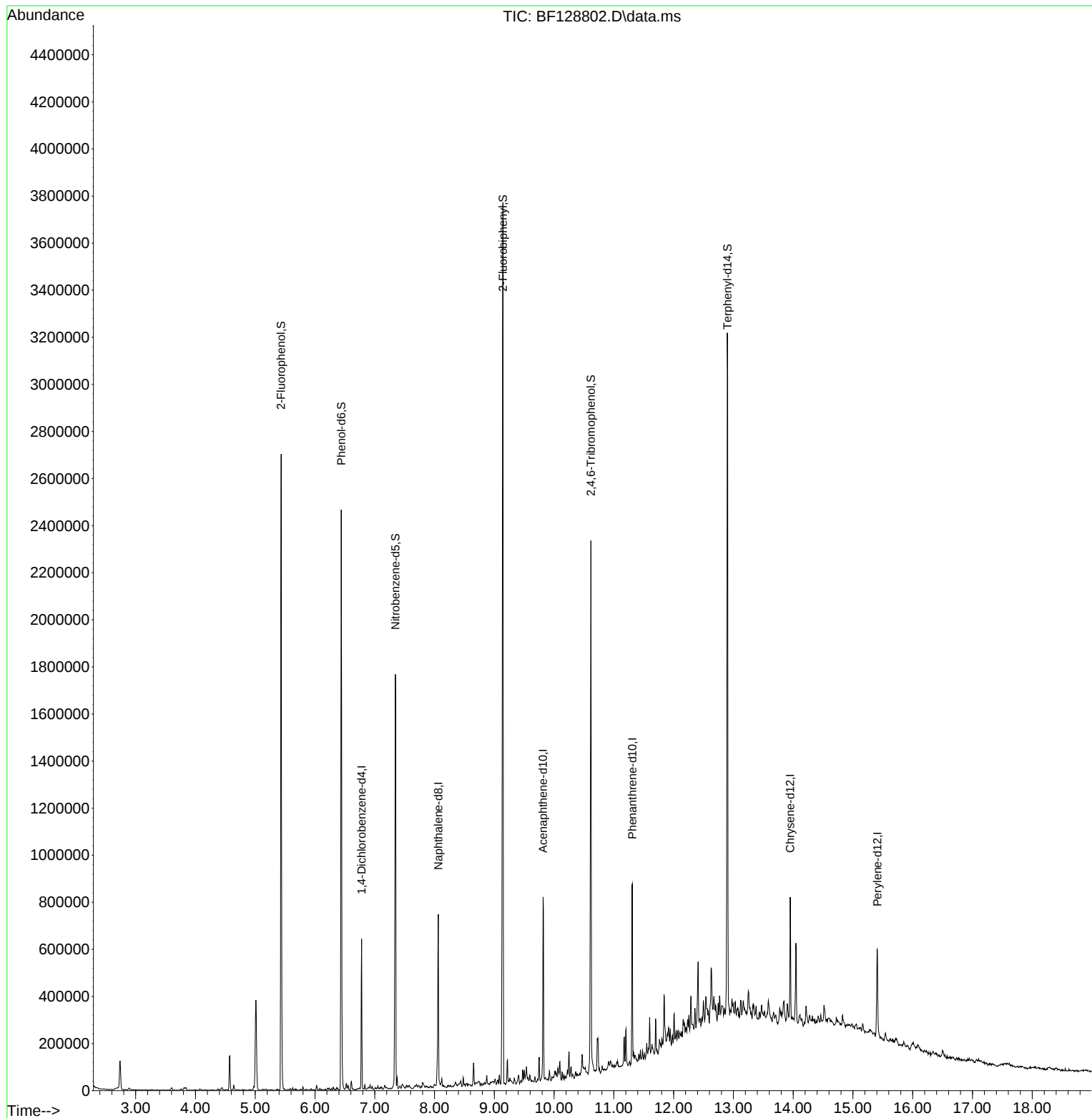
Target Compounds	Qvalue

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

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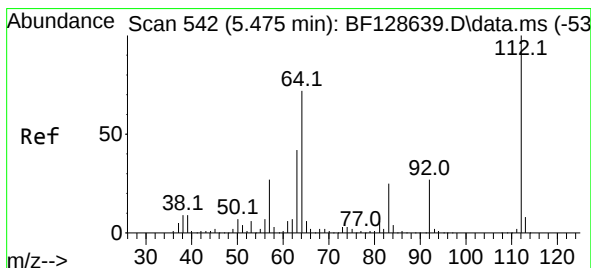
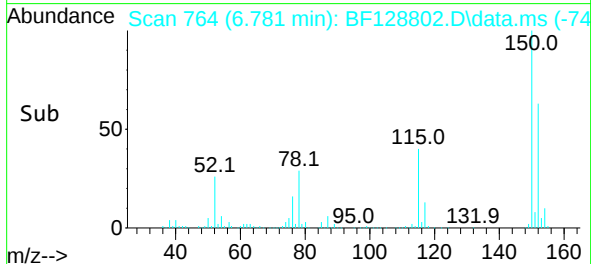
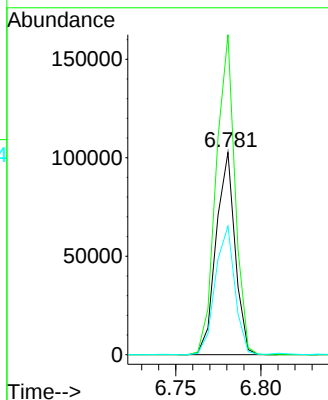
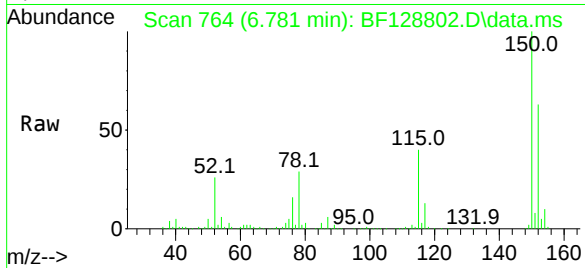




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

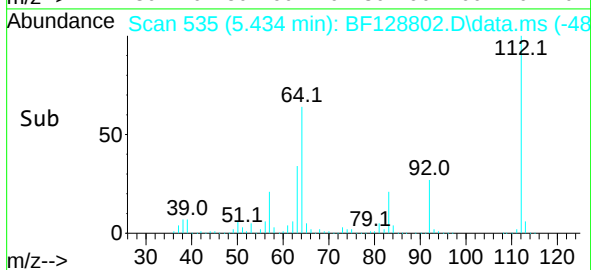
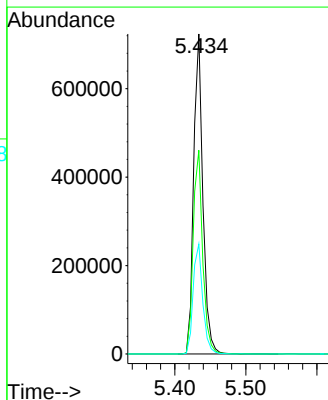
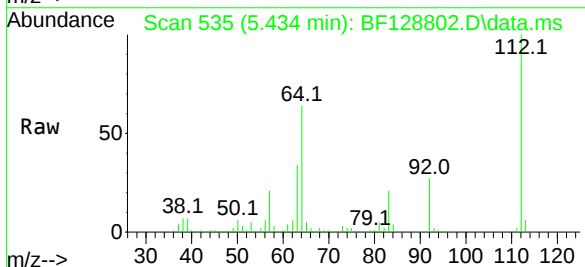
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9-G

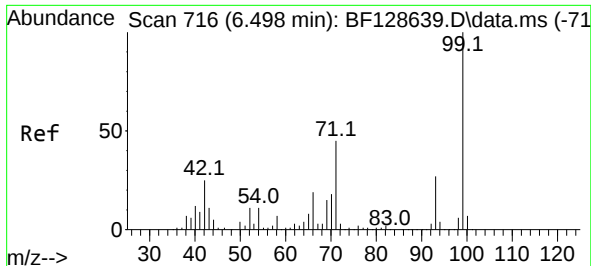
Tgt Ion:152 Resp: 79471
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 131.121 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.018 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion:112 Resp: 654201
Ion Ratio Lower Upper
112 100
64 63.7 53.3 79.9
63 34.4 28.0 42.0

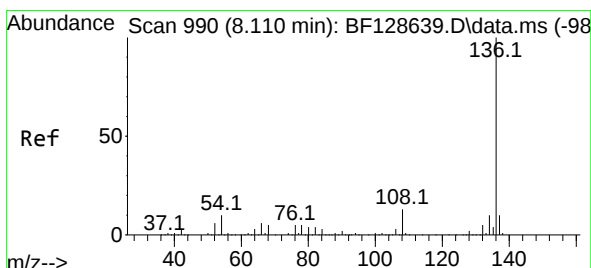
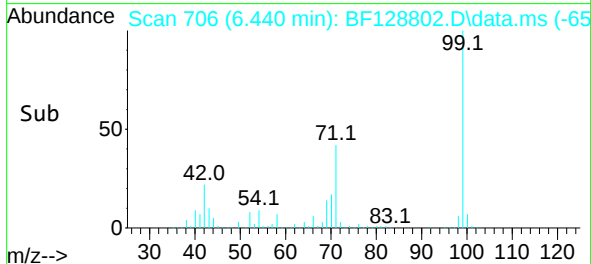
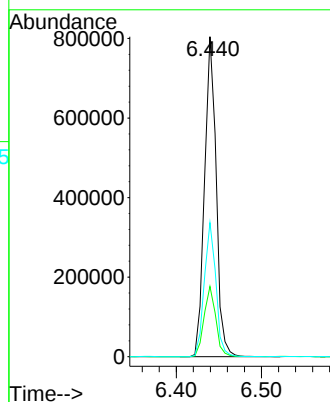
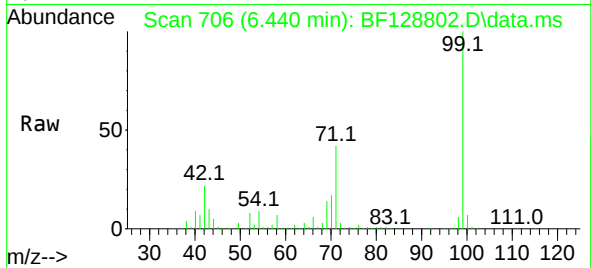




#7
Phenol-d6
Concen: 125.173 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

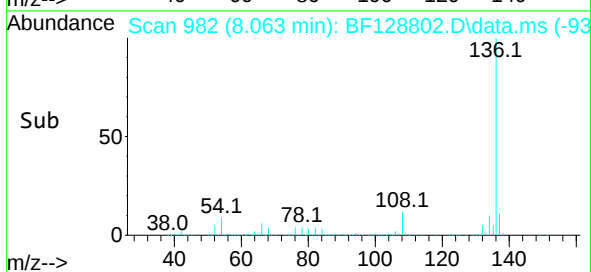
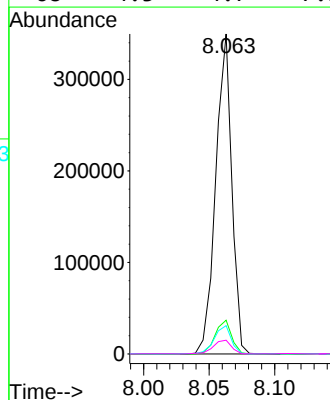
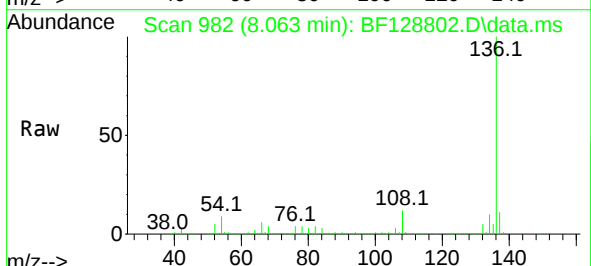
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9-G

Tgt Ion: 99 Resp: 762337
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 41.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion: 136 Resp: 297253
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.9 7.5 11.3
68 4.3 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 98.956 ng

RT: 7.345 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF128802.D

Acq: 14 Jun 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-9-G

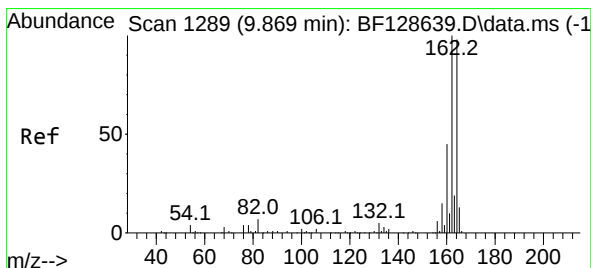
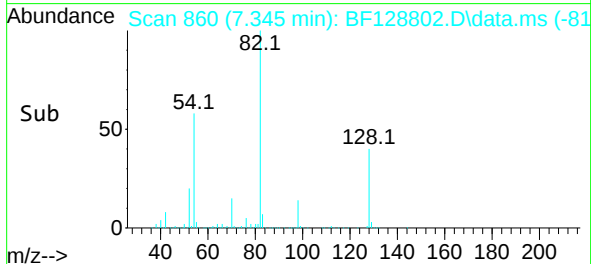
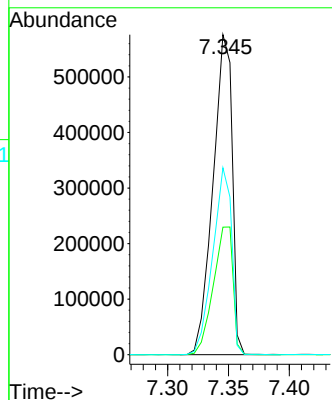
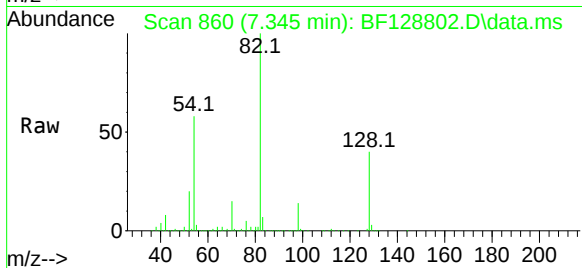
Tgt Ion: 82 Resp: 631786

Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

54 58.4 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF128802.D

Acq: 14 Jun 2022 16:15

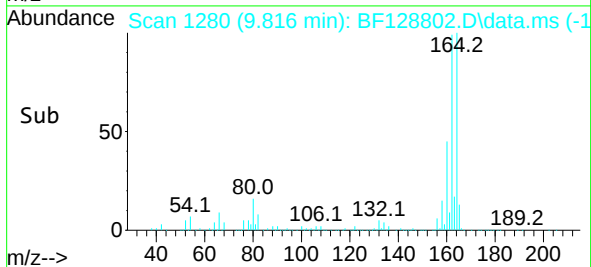
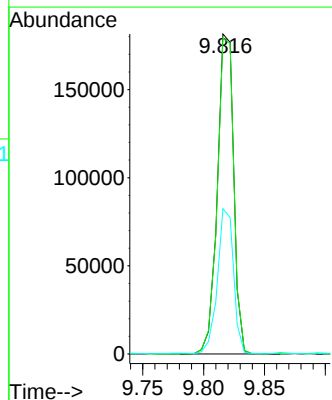
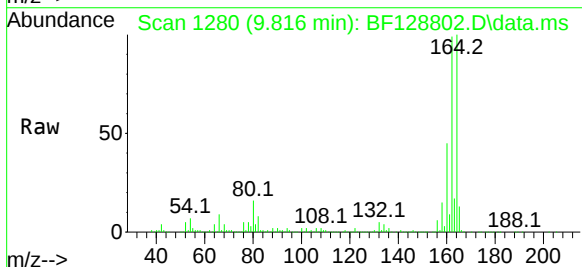
Tgt Ion: 164 Resp: 169605

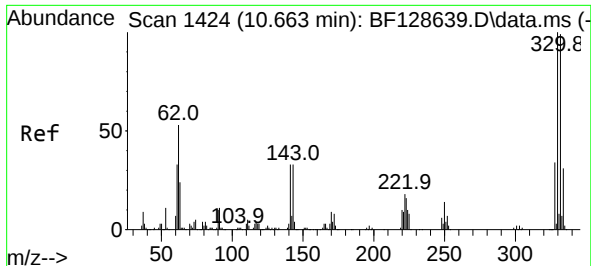
Ion Ratio Lower Upper

164 100

162 98.8 79.5 119.3

160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 138.929 ng

RT: 10.616 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128802.D

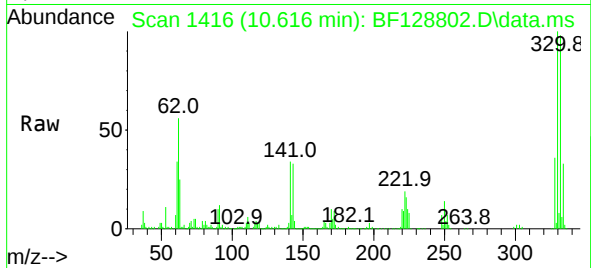
Acq: 14 Jun 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-9-G



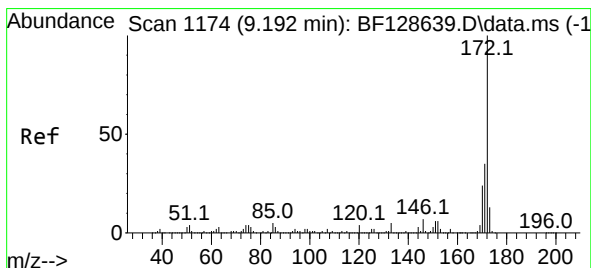
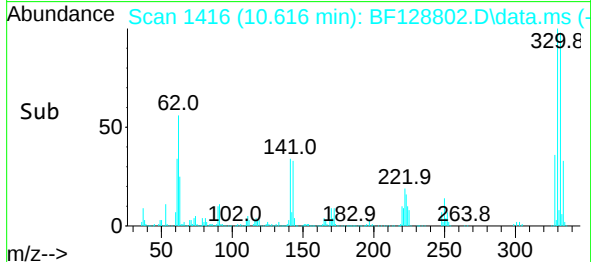
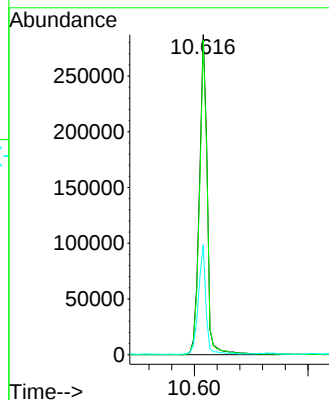
Tgt Ion:330 Resp: 278409

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 32.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 99.995 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128802.D

Acq: 14 Jun 2022 16:15

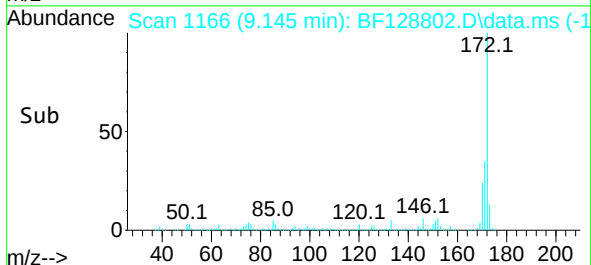
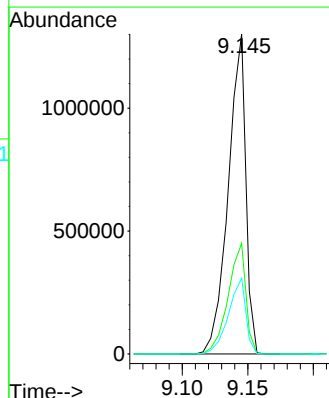
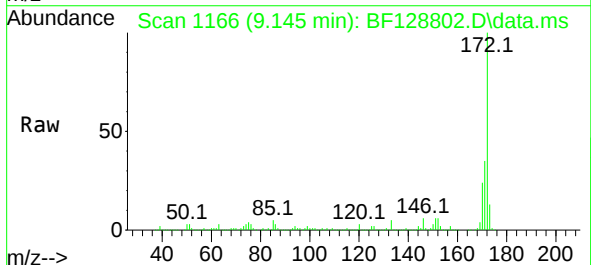
Tgt Ion:172 Resp: 1210708

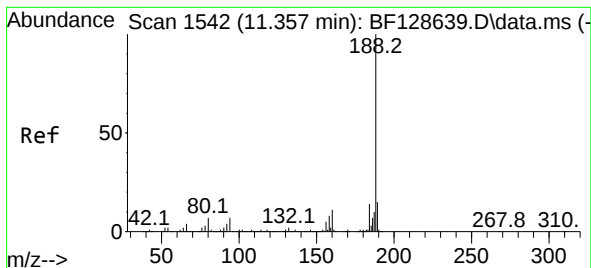
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128802.D

Acq: 14 Jun 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-9-G

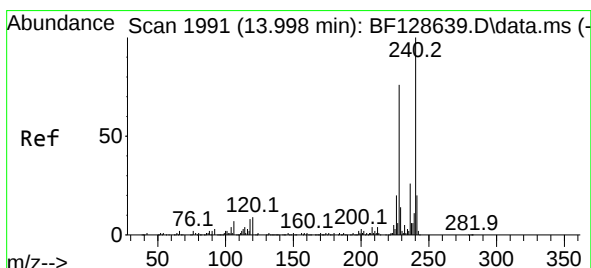
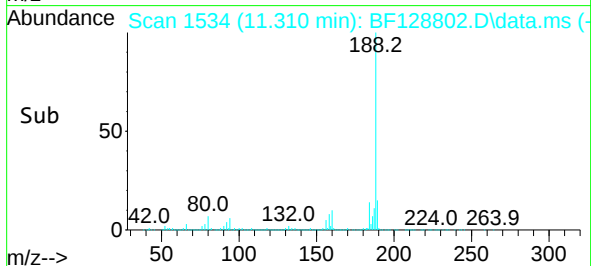
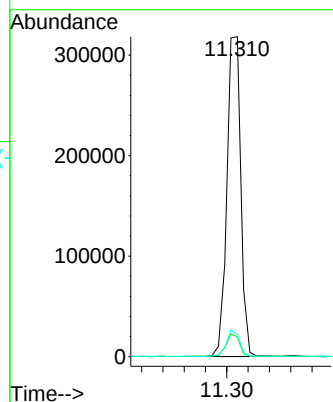
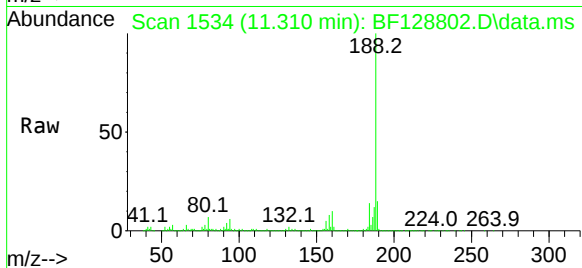
Tgt Ion:188 Resp: 286468

Ion Ratio Lower Upper

188 100

94 6.1 7.0 10.6#

80 6.9 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BF128802.D

Acq: 14 Jun 2022 16:15

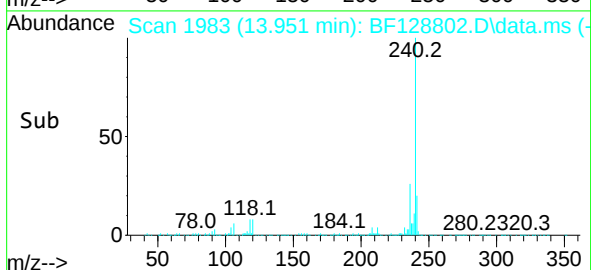
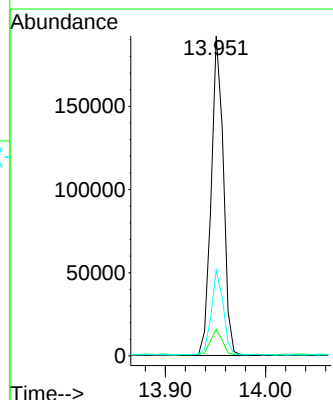
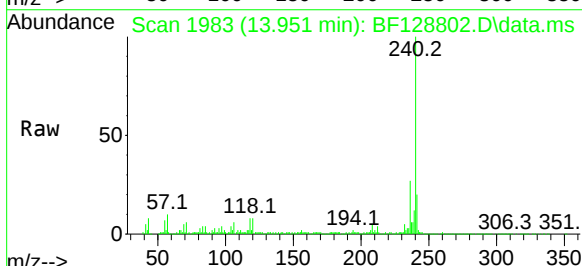
Tgt Ion:240 Resp: 163211

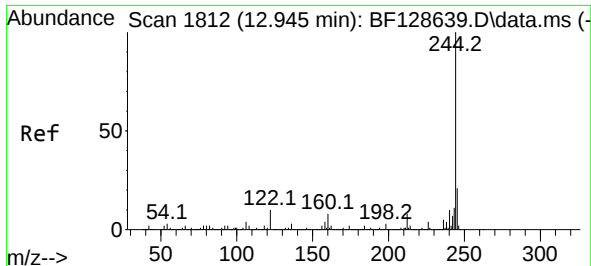
Ion Ratio Lower Upper

240 100

120 8.3 8.9 13.3#

236 26.8 20.8 31.2

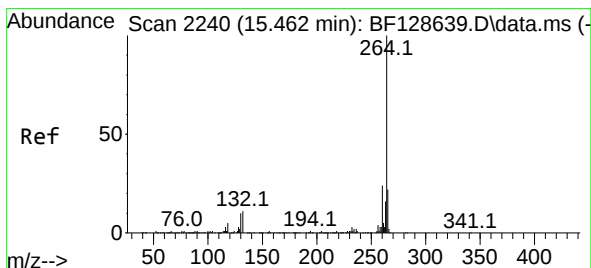
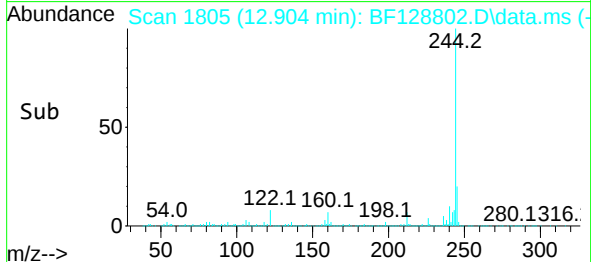
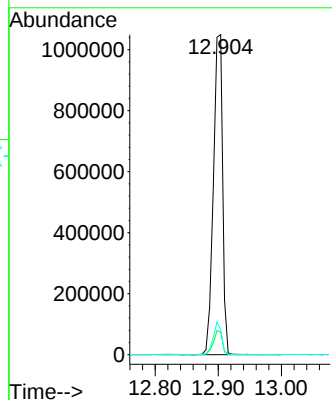
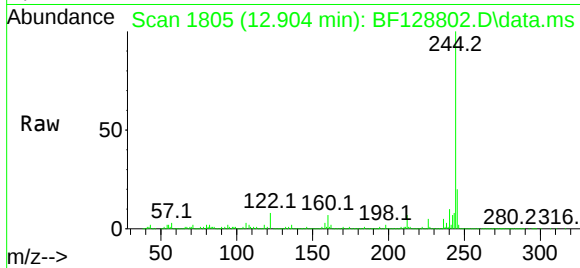




#79
 Terphenyl-d14
 Concen: 112.950 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128802.D
 Acq: 14 Jun 2022 16:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-9-G

Tgt Ion:244 Resp: 1060910
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 7.8 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: BF128802.D
 Acq: 14 Jun 2022 16:15

Tgt Ion:264 Resp: 172586
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.0 17.2 25.8

