

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128842.D
 Acq On : 16 Jun 2022 16:31
 Operator : CG\JU
 Sample : N3305-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-107-(10-12)

Quant Time: Jun 17 02:22:12 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	76662	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	284109	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	167860	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	314422	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	192005	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	152125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	716701	148.911	ng	0.00
7) Phenol-d6	6.440	99	846608	144.103	ng	0.00
23) Nitrobenzene-d5	7.345	82	556064	91.125	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	259700	130.940	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1094111	91.304	ng	0.00
79) Terphenyl-d14	12.904	244	1202326	108.810	ng	0.00

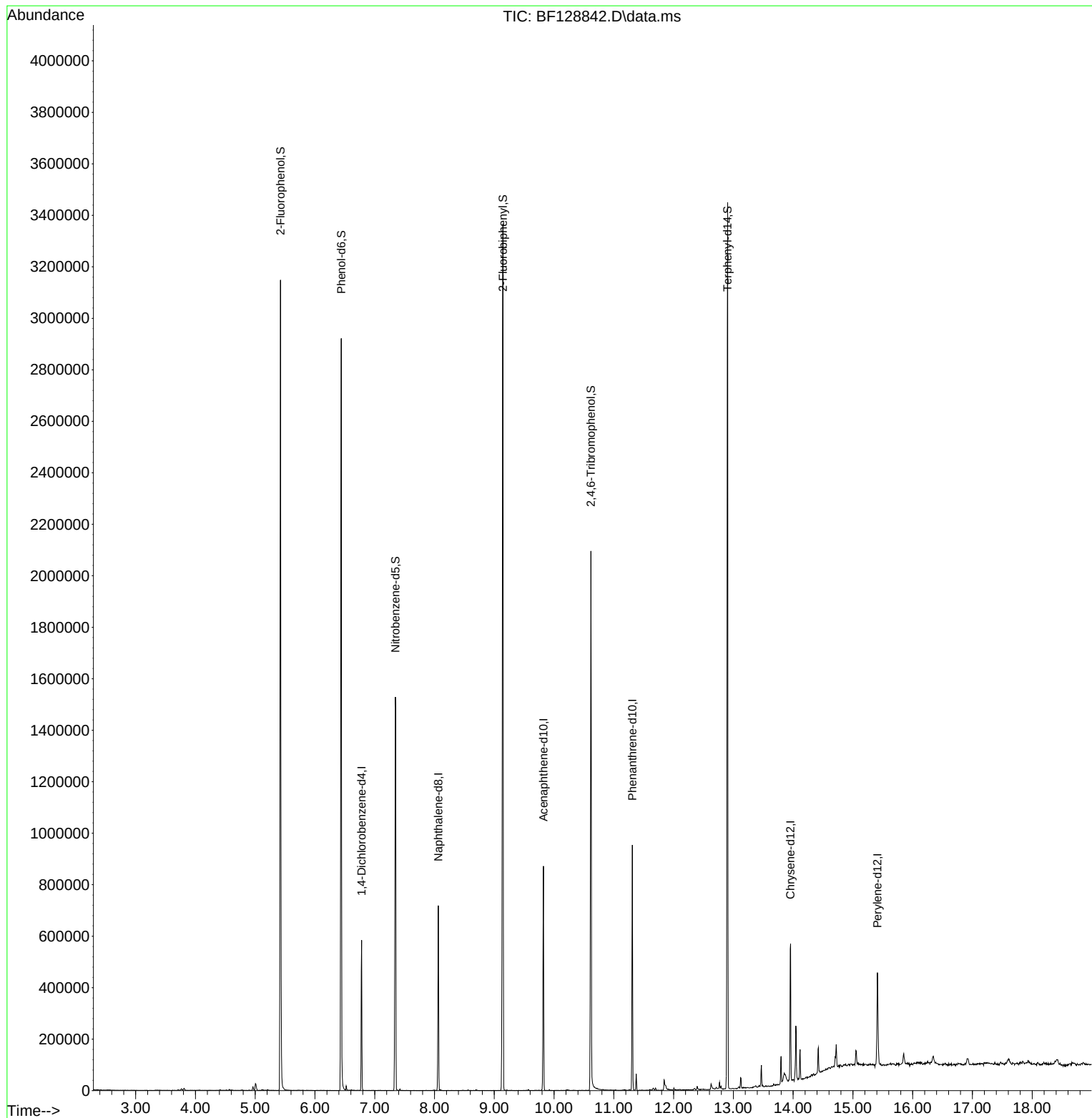
Target Compounds	Qvalue

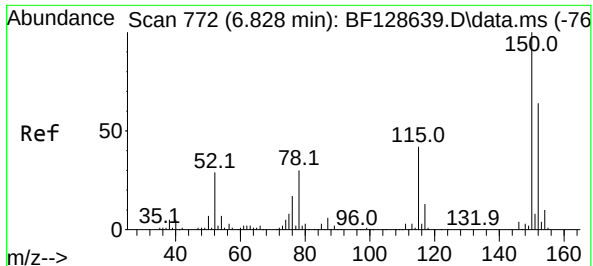
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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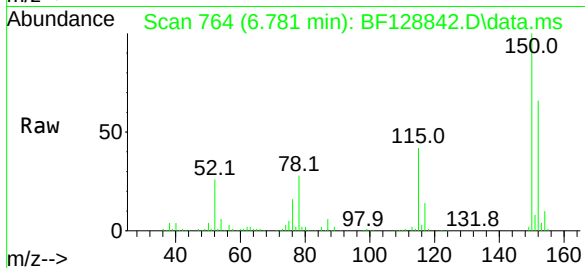
Quant Time: Jun 17 02:22:12 2022
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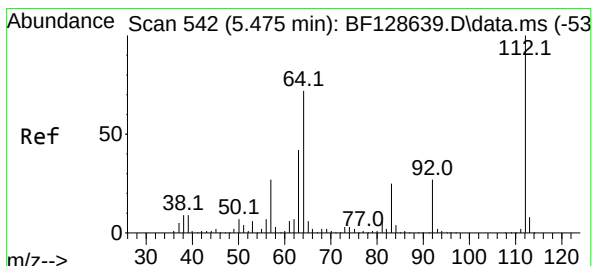
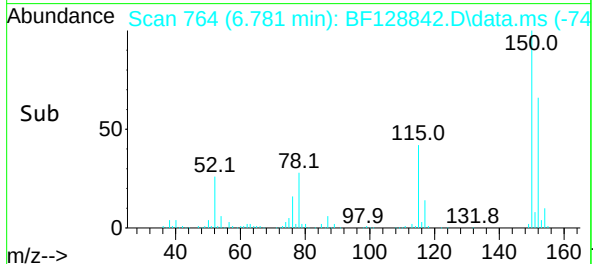
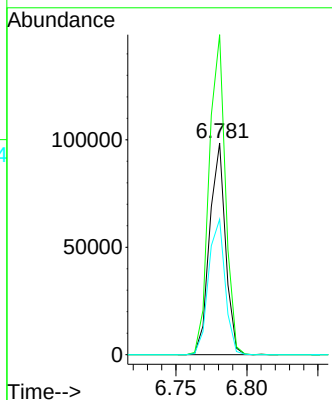


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

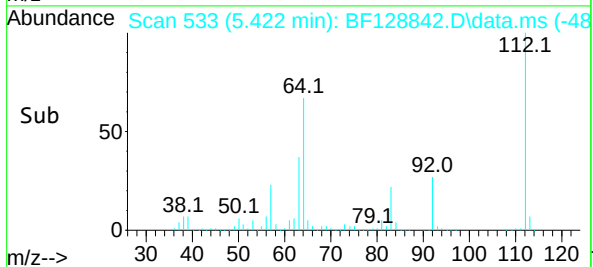
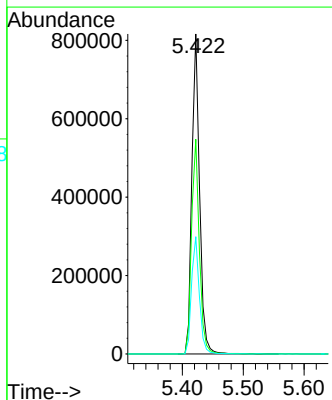
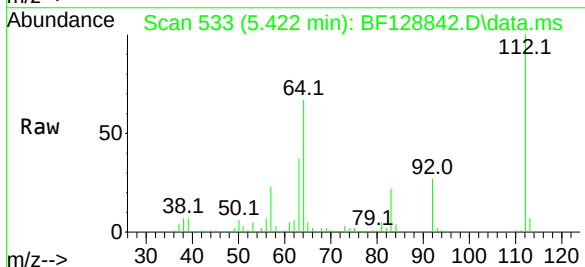


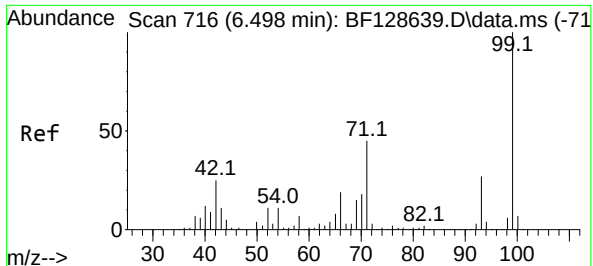
Tgt Ion:152 Resp: 76662
Ion Ratio Lower Upper
152 100
150 151.2 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 148.911 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion:112 Resp: 716701
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 36.6 28.0 42.0

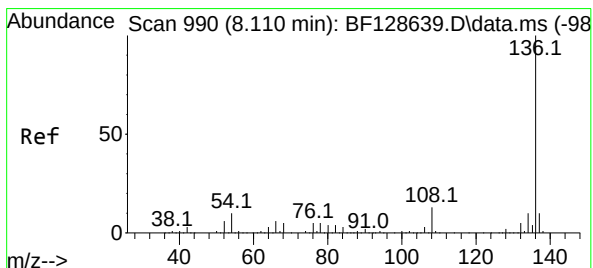
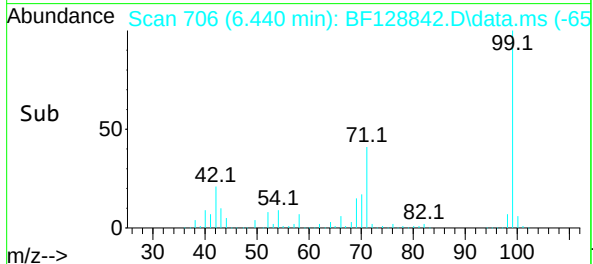
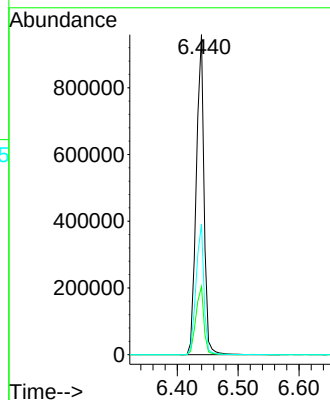
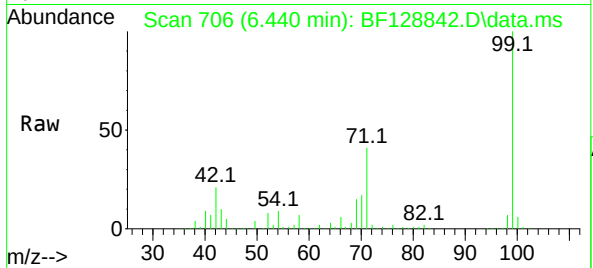




#7
Phenol-d6
Concen: 144.103 ng
RT: 6.440 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

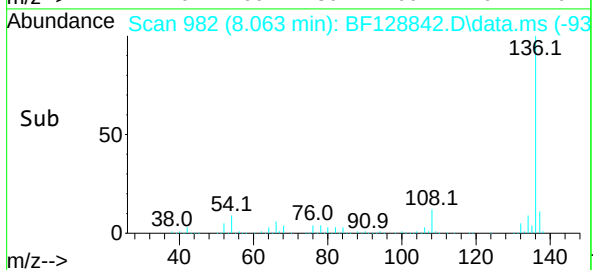
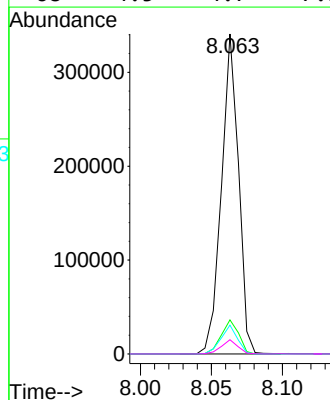
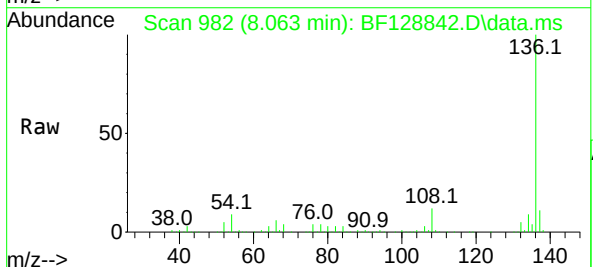
Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

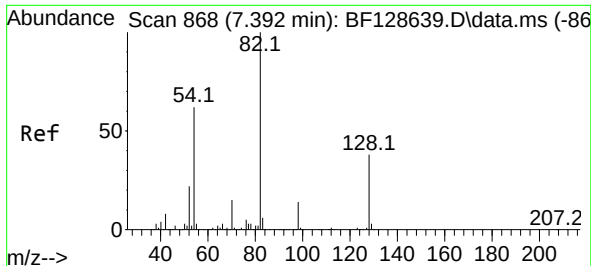
Tgt Ion: 99 Resp: 846608
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 40.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion: 136 Resp: 284109
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.5 4.7 7.1#

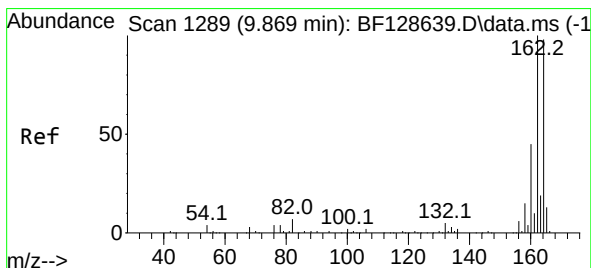
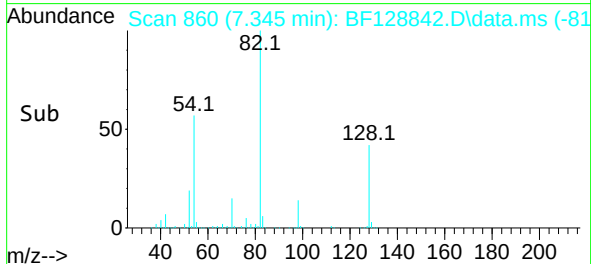
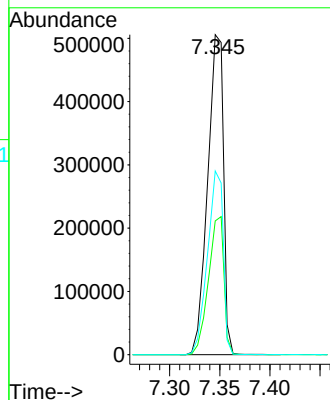
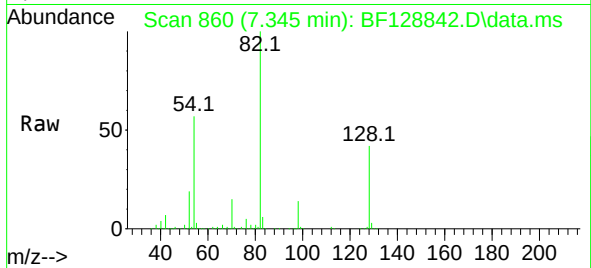




#23
Nitrobenzene-d5
Concen: 91.125 ng
RT: 7.345 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

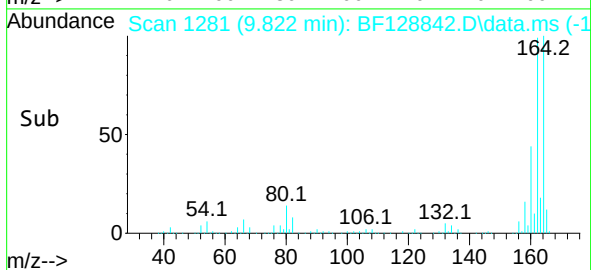
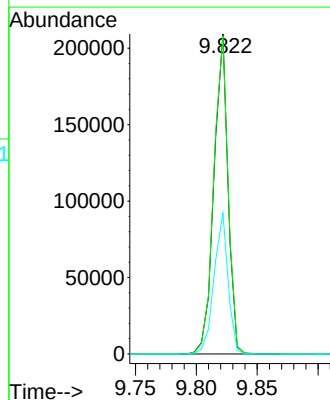
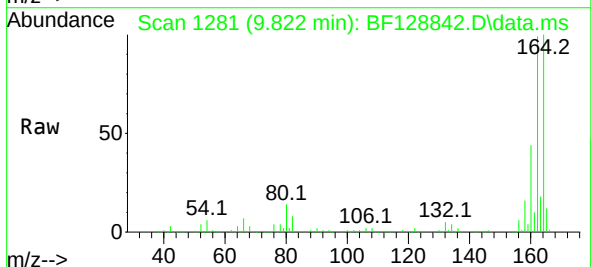
Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

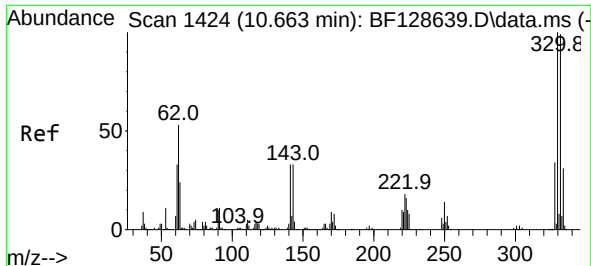
Tgt Ion: 82 Resp: 556064
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 57.4 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion: 164 Resp: 167860
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.940 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128842.D

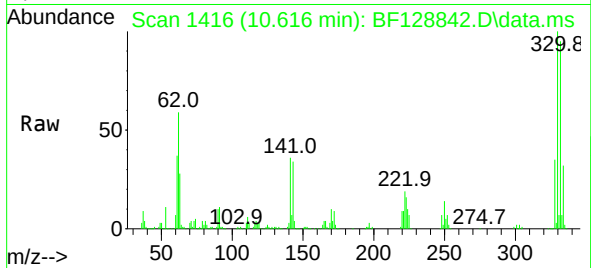
Acq: 16 Jun 2022 16:31

Instrument :

BNA_F

ClientSampleId :

B-107-(10-12)



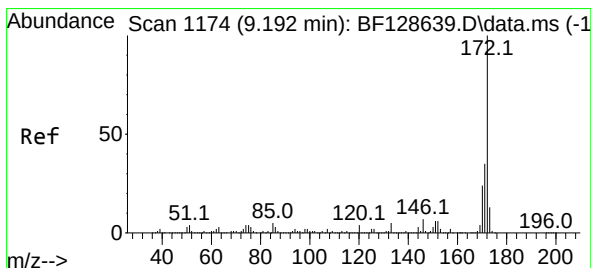
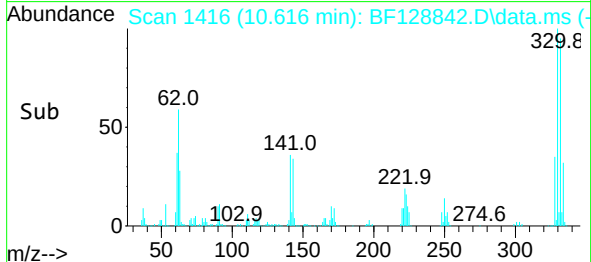
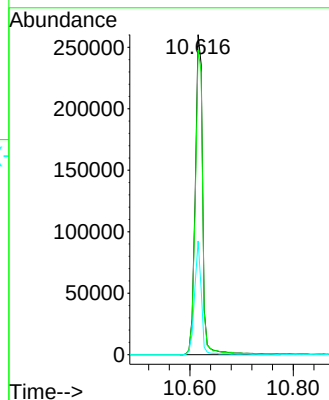
Tgt Ion:330 Resp: 259700

Ion Ratio Lower Upper

330 100

332 93.4 76.8 115.2

141 32.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 91.304 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF128842.D

Acq: 16 Jun 2022 16:31

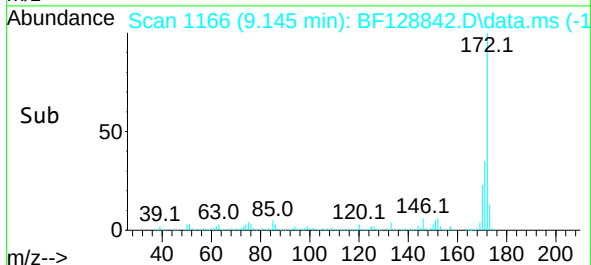
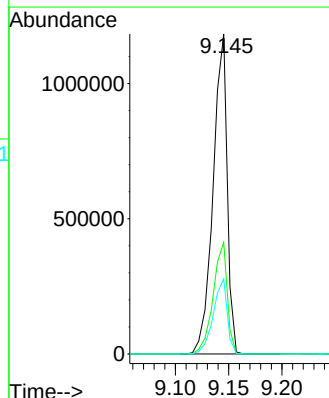
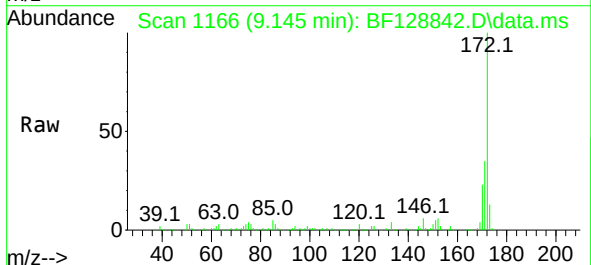
Tgt Ion:172 Resp: 1094111

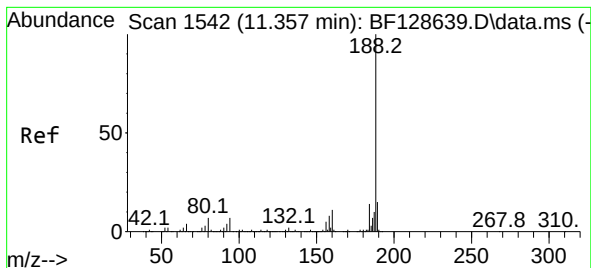
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.4 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: BF128842.D

Acq: 16 Jun 2022 16:31

Instrument :

BNA_F

ClientSampleId :

B-107-(10-12)

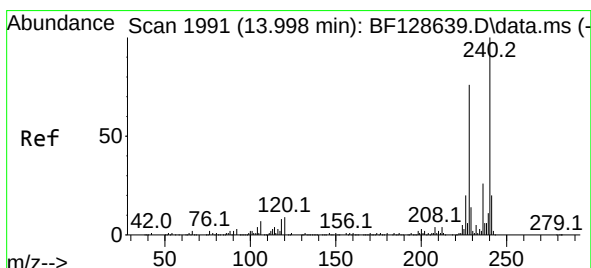
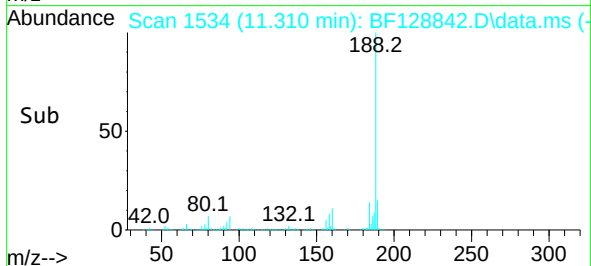
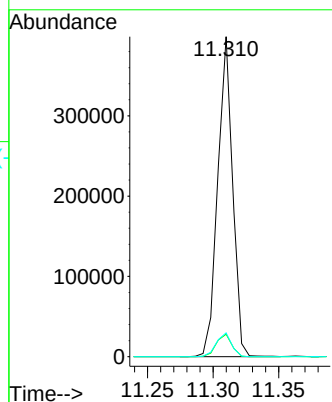
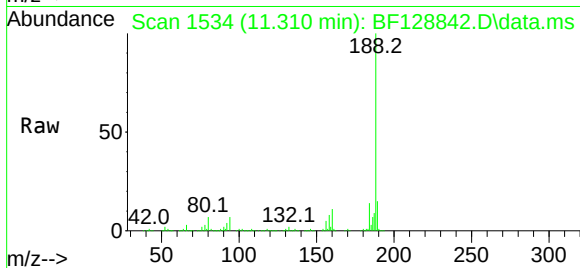
Tgt Ion:188 Resp: 314422

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

80 7.5 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF128842.D

Acq: 16 Jun 2022 16:31

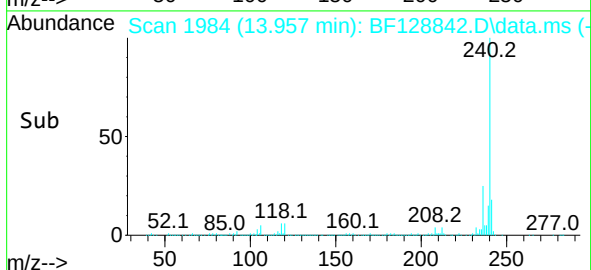
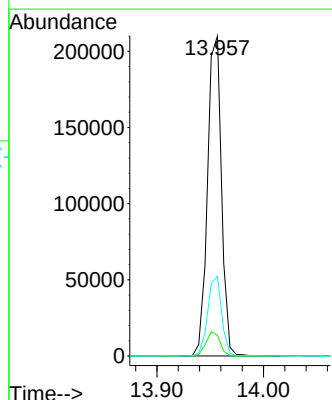
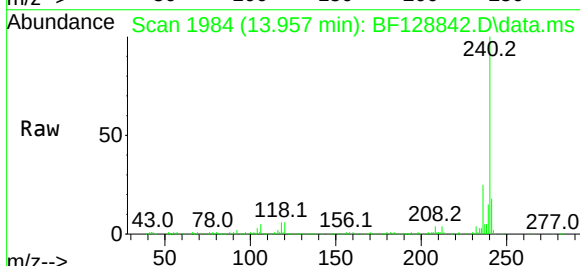
Tgt Ion:240 Resp: 192005

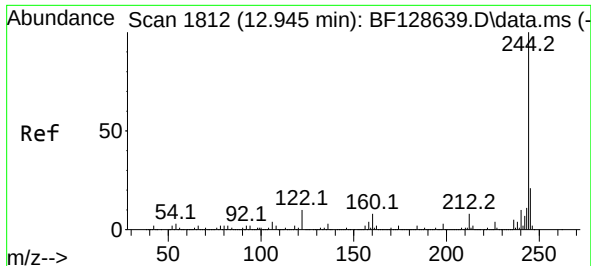
Ion Ratio Lower Upper

240 100

120 6.5 8.9 13.3#

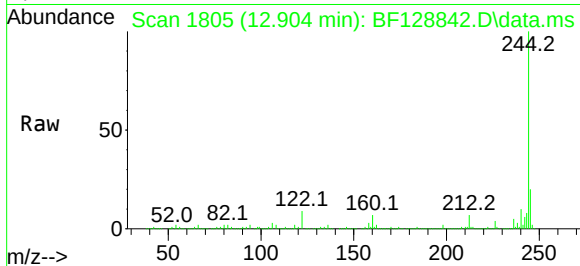
236 25.0 20.8 31.2



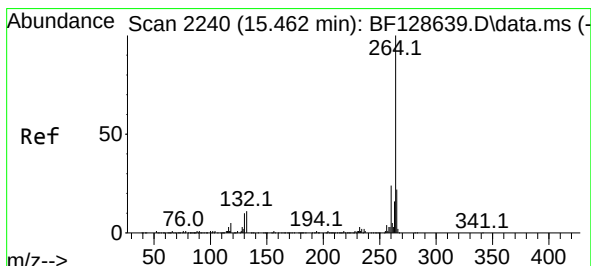
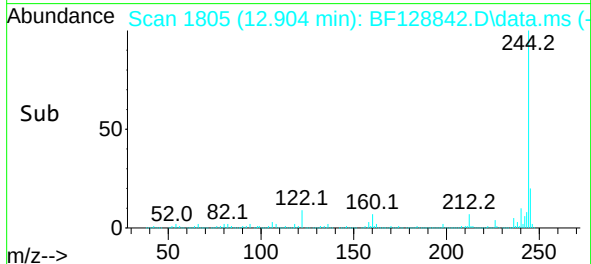
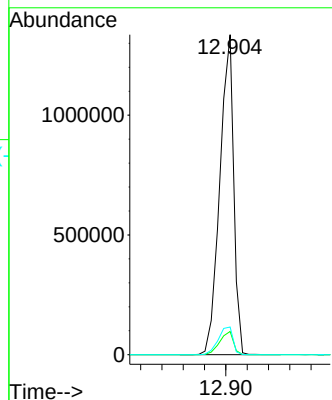


#79
 Terphenyl-d14
 Concen: 108.810 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128842.D
 Acq: 16 Jun 2022 16:31

Instrument :
 BNA_F
 ClientSampleId :
 B-107-(10-12)



Tgt Ion:244 Resp: 1202326
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.6 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: BF128842.D
 Acq: 16 Jun 2022 16:31

Tgt Ion:264 Resp: 152125
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.8 17.2 25.8

