

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128770.D
 Acq On : 10 Jun 2022 20:44
 Operator : CG\JU
 Sample : N3302-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-1

Quant Time: Jun 11 01:28:15 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 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	75489	20.000	ng	-0.01
21) Naphthalene-d8	8.087	136	287069	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	145630	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	215678	20.000	ng	#-0.01
76) Chrysene-d12	13.969	240	176835	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	155314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	472752	99.752	ng	-0.01
7) Phenol-d6	6.457	99	588531	101.732	ng	-0.02
23) Nitrobenzene-d5	7.369	82	417705	67.746	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	133698	77.700	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	718172	69.080	ng	-0.01
79) Terphenyl-d14	12.916	244	515198	50.625	ng	-0.02

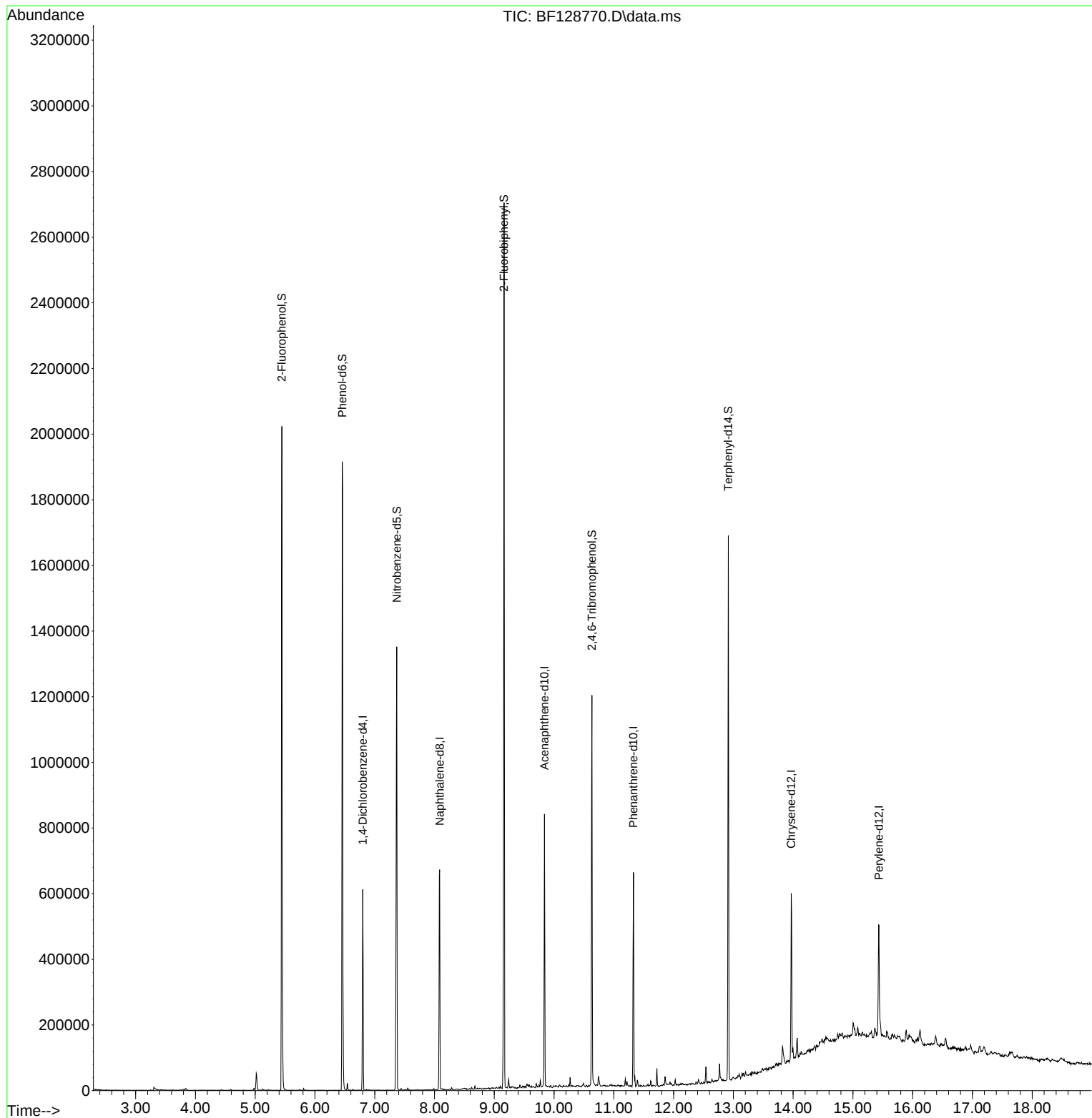
Target Compounds	Qvalue

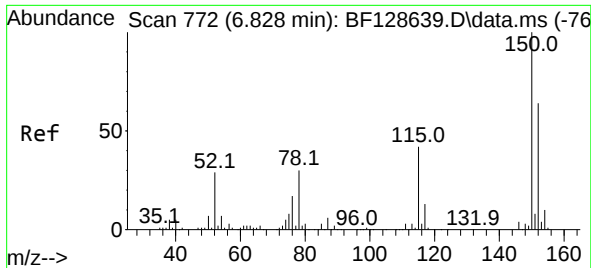
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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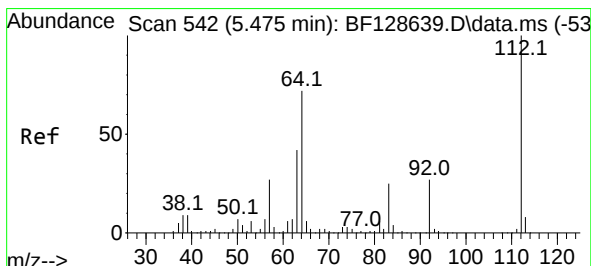
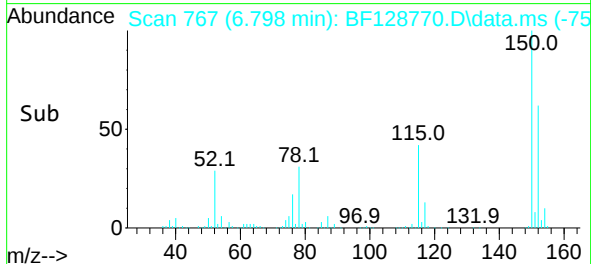
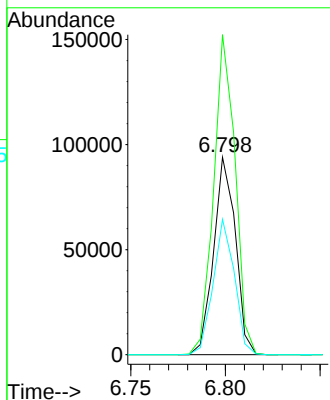
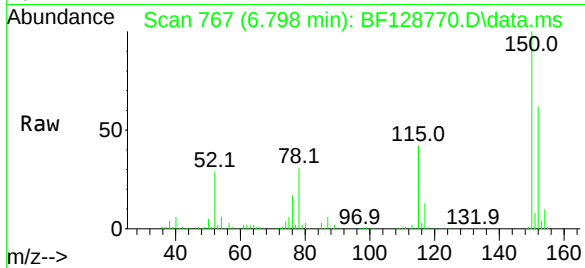




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

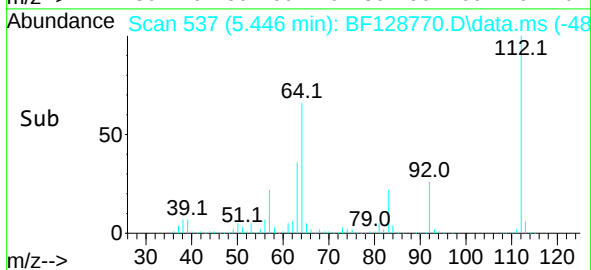
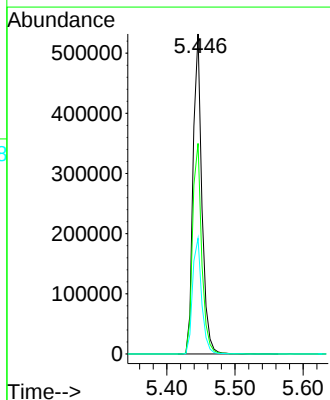
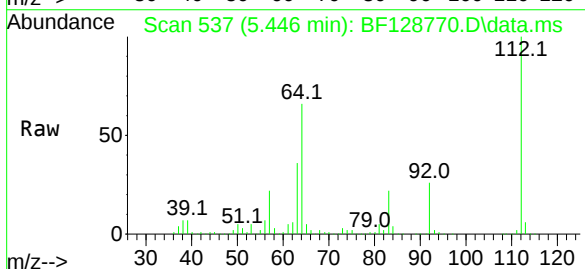
Instrument :
BNA_F
ClientSampleId :
I-1

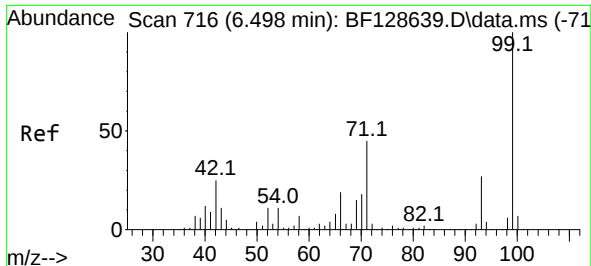
Tgt Ion:152 Resp: 75489
Ion Ratio Lower Upper
152 100
150 162.0 123.7 185.5
115 68.6 49.9 74.9



#5
2-Fluorophenol
Concen: 99.752 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

Tgt Ion:112 Resp: 472752
Ion Ratio Lower Upper
112 100
64 65.8 53.3 79.9
63 36.2 28.0 42.0

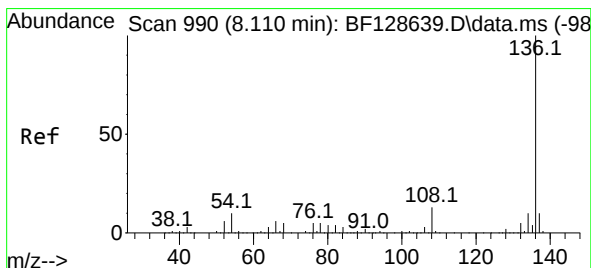
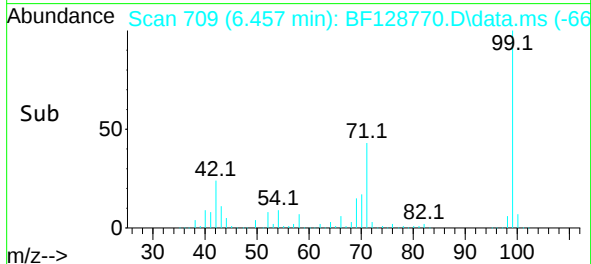
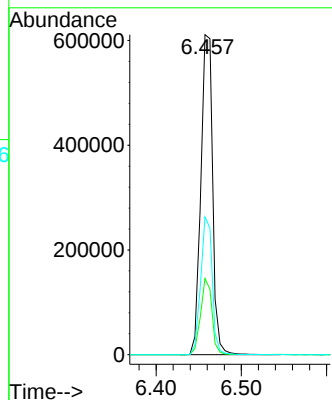
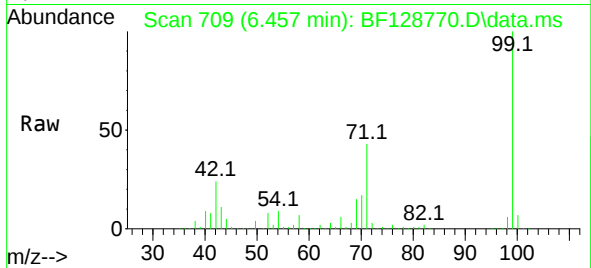




#7
Phenol-d6
Concen: 101.732 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.024 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

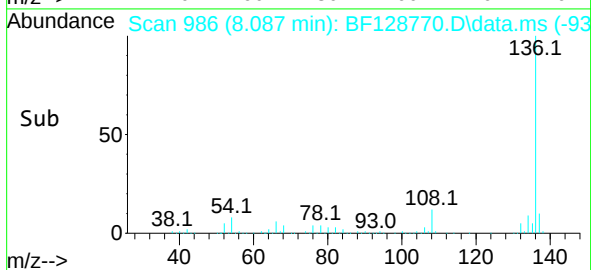
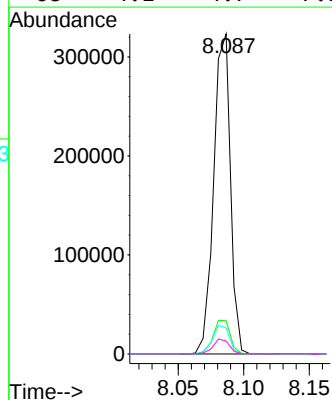
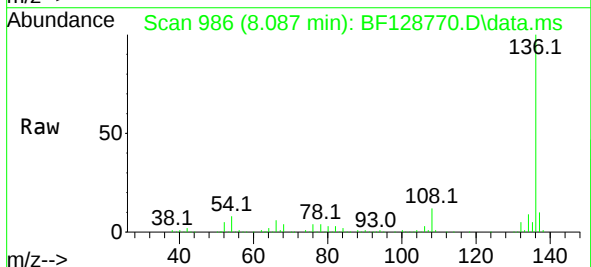
Instrument :
BNA_F
ClientSampleId :
I-1

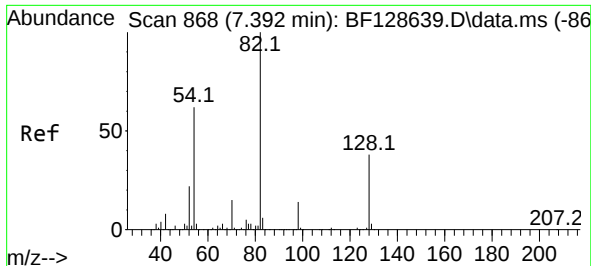
Tgt Ion: 99 Resp: 588531
Ion Ratio Lower Upper
99 100
42 23.8 17.3 25.9
71 43.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128770.D
Acq: 10 Jun 2022 20:44

Tgt Ion: 136 Resp: 287069
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.1 7.5 11.3
68 4.1 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 67.746 ng

RT: 7.369 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Instrument :

BNA_F

ClientSampleId :

I-1

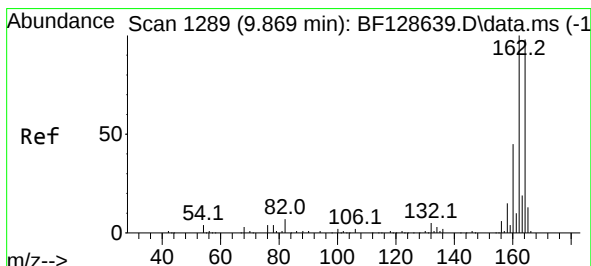
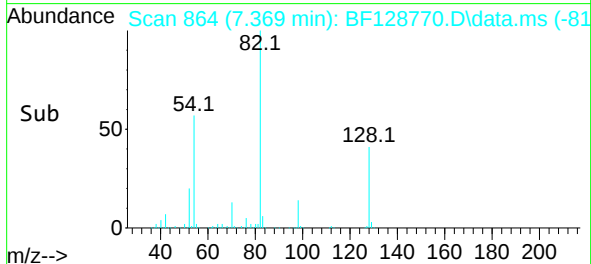
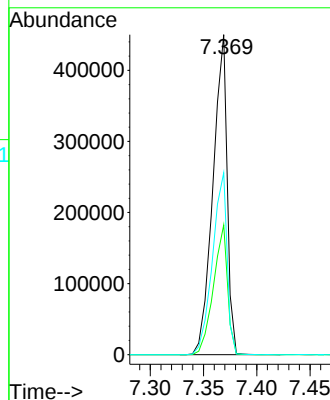
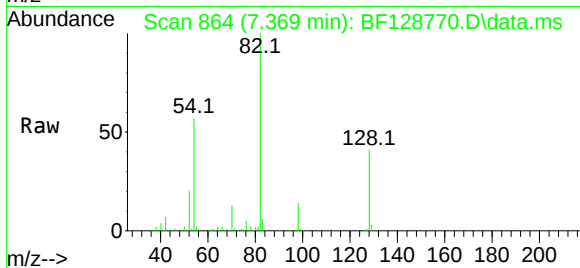
Tgt Ion: 82 Resp: 417705

Ion Ratio Lower Upper

82 100

128 40.6 34.0 51.0

54 56.8 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.018 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

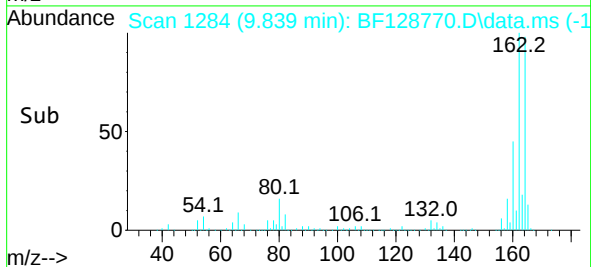
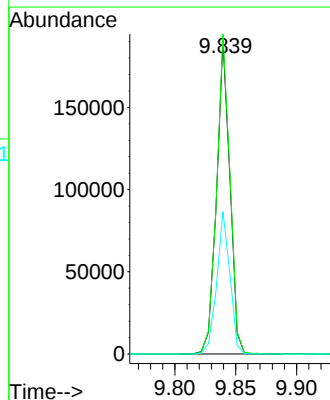
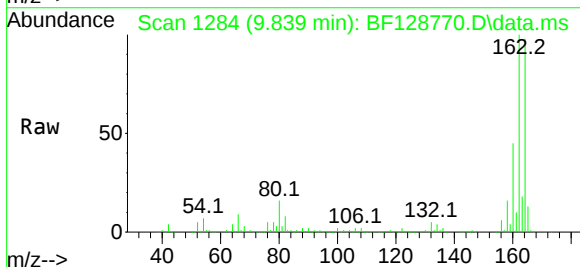
Tgt Ion:164 Resp: 145630

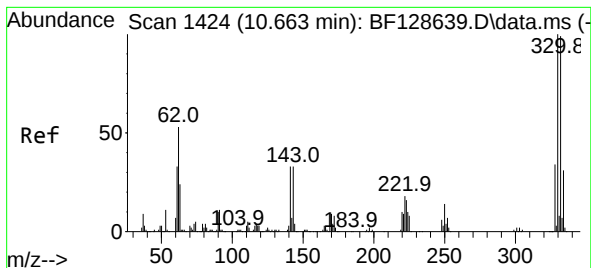
Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 45.3 34.2 51.4

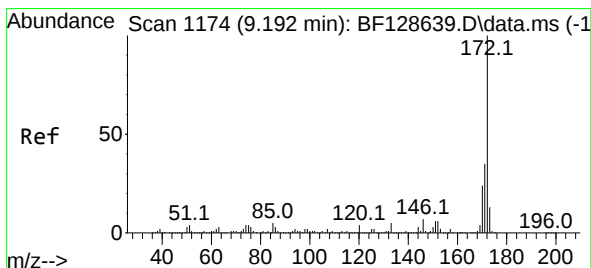
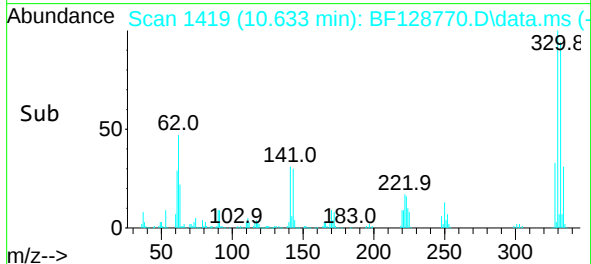
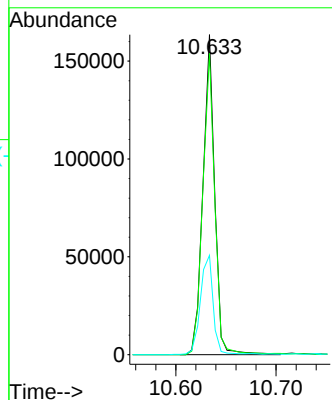
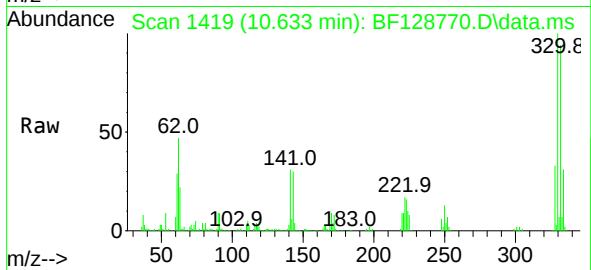




#42
 2,4,6-Tribromophenol
 Concen: 77.700 ng
 RT: 10.633 min Scan# 1424
 Delta R.T. -0.018 min
 Lab File: BF128770.D
 Acq: 10 Jun 2022 20:44

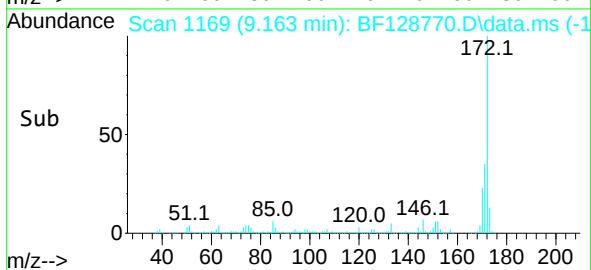
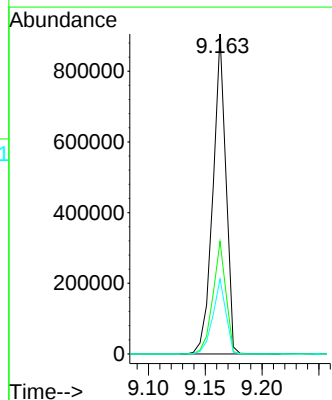
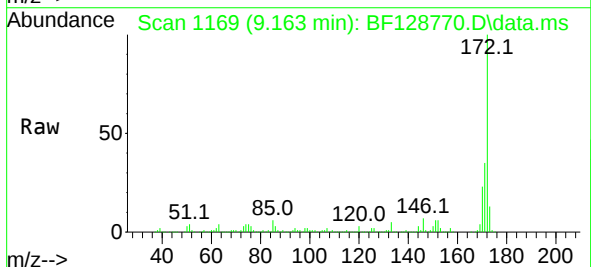
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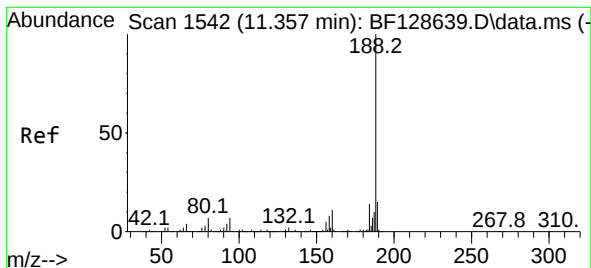
Tgt Ion:330 Resp: 133698
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 34.5 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 69.080 ng
 RT: 9.163 min Scan# 1169
 Delta R.T. -0.012 min
 Lab File: BF128770.D
 Acq: 10 Jun 2022 20:44

Tgt Ion:172 Resp: 718172
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.8 43.2
 170 23.4 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

Instrument :

BNA_F

ClientSampleId :

I-1

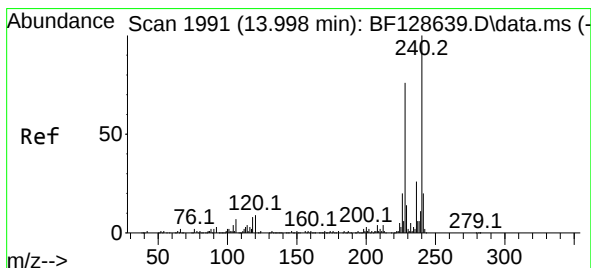
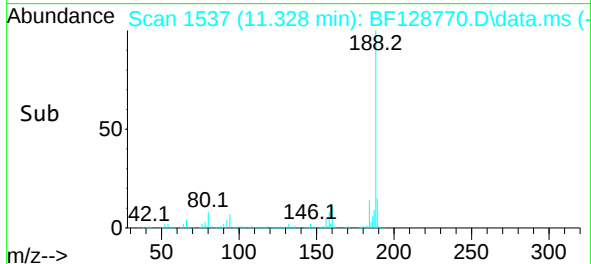
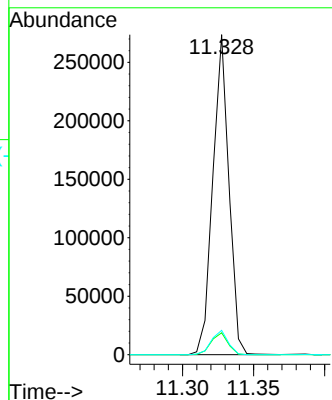
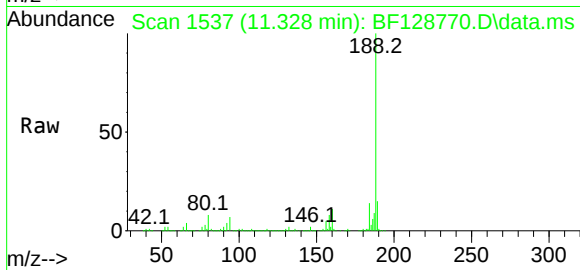
Tgt Ion:188 Resp: 215678

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.6#

80 7.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 1986

Delta R.T. -0.018 min

Lab File: BF128770.D

Acq: 10 Jun 2022 20:44

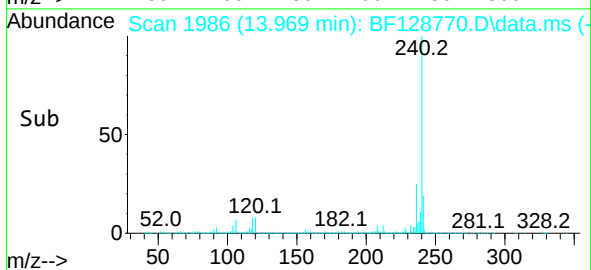
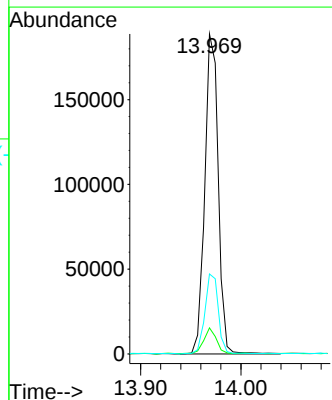
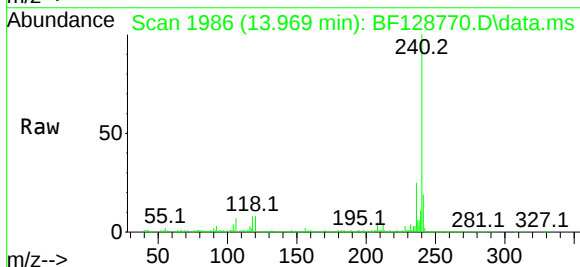
Tgt Ion:240 Resp: 176835

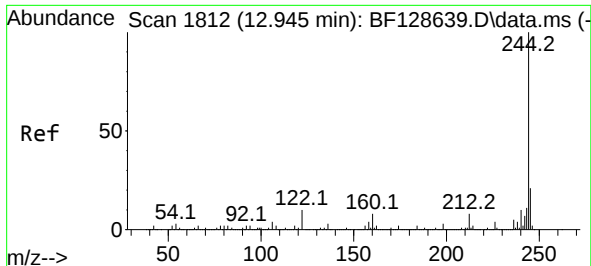
Ion Ratio Lower Upper

240 100

120 8.2 8.9 13.3#

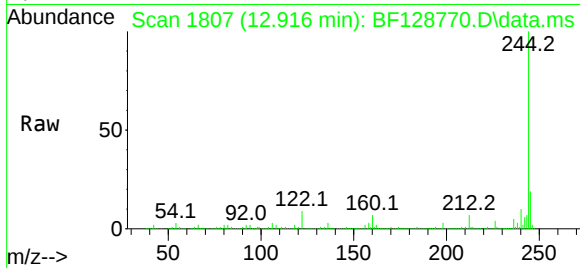
236 25.0 20.8 31.2



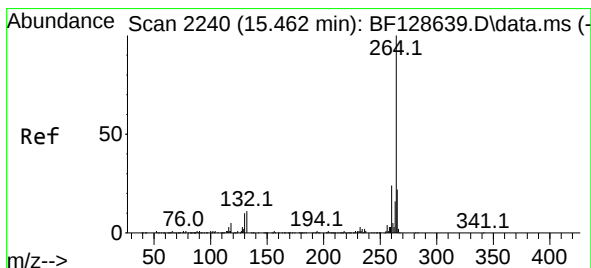
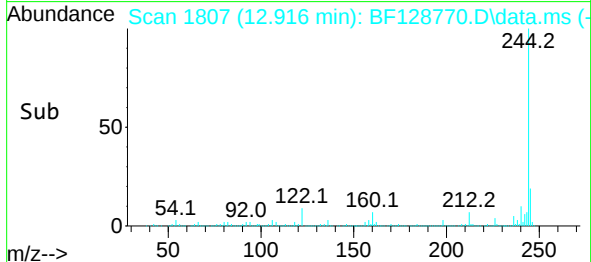
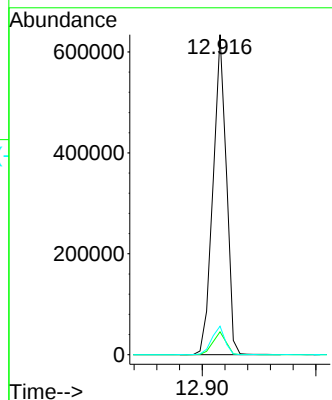


#79
 Terphenyl-d14
 Concen: 50.625 ng
 RT: 12.916 min Scan# 1812
 Delta R.T. -0.018 min
 Lab File: BF128770.D
 Acq: 10 Jun 2022 20:44

Instrument :
 BNA_F
 ClientSampleId :
 I-1



Tgt Ion:244 Resp: 515198
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128770.D
 Acq: 10 Jun 2022 20:44

Tgt Ion:264 Resp: 155314
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 22.5 17.2 25.8

