

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128722.D
 Acq On : 07 Jun 2022 18:16
 Operator : CG\JU
 Sample : N3028-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-1-5FT

Quant Time: Jun 08 00:27:15 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)

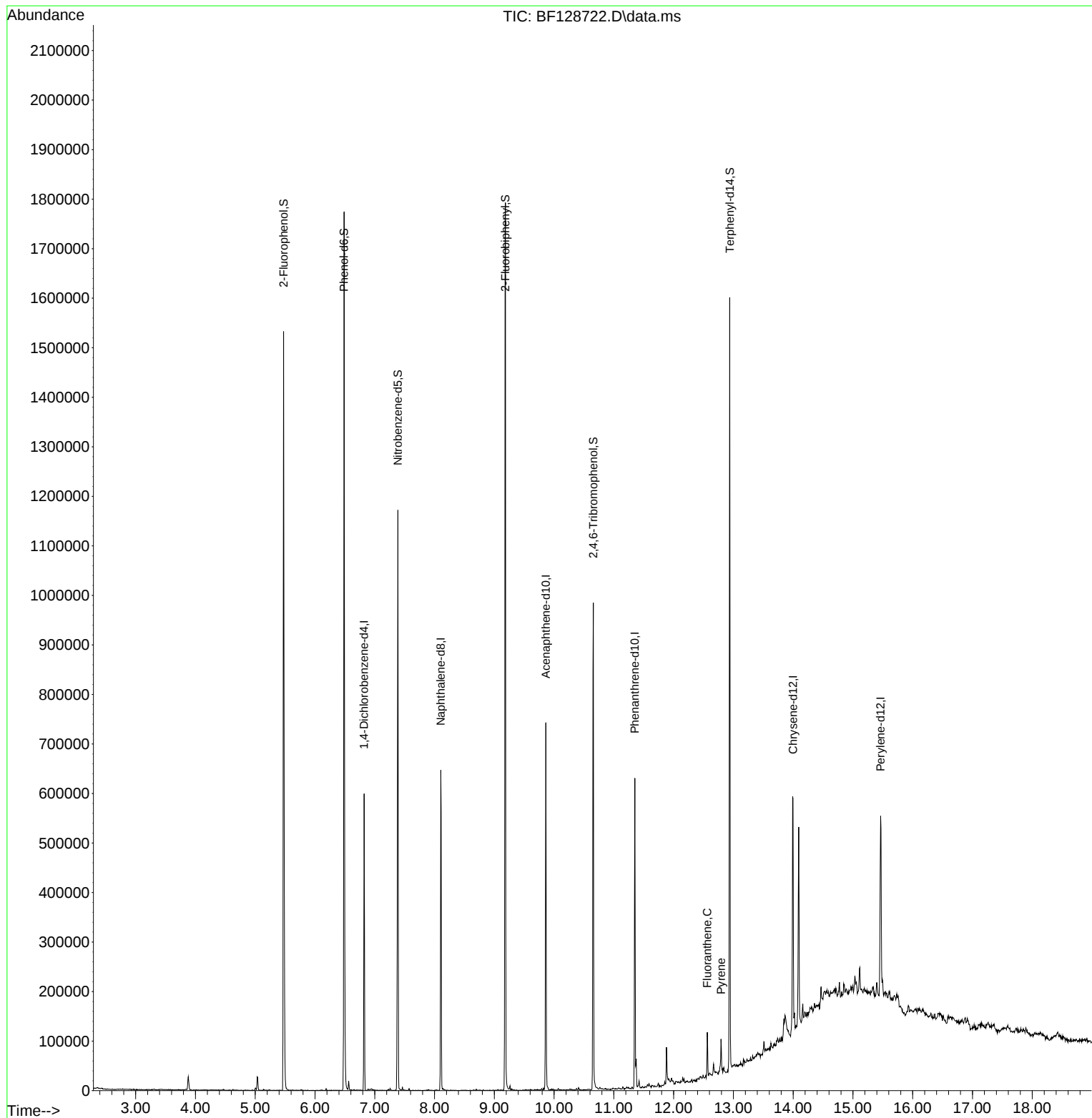
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	71366	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	260130	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	134393	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	210136	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	167713	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	174171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	371307	82.873	ng	0.00
7) Phenol-d6	6.486	99	460149	84.135	ng	-0.01
23) Nitrobenzene-d5	7.386	82	323135	57.835	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	108801	68.518	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	565196	58.911	ng	0.00
79) Terphenyl-d14	12.939	244	453754	47.012	ng	0.00
Target Compounds						
75) Fluoranthene	12.563	202	31410	2.851	ng	Qvalue 96
78) Pyrene	12.792	202	27215	2.181	ng	98

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

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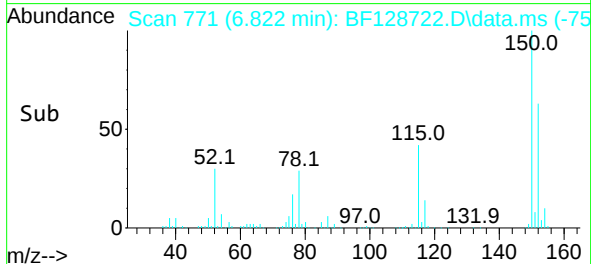
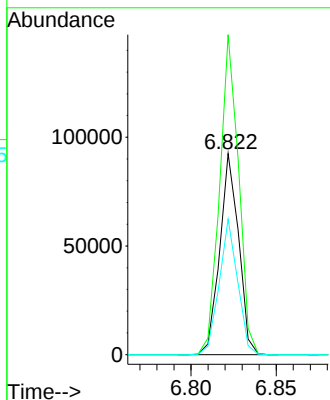
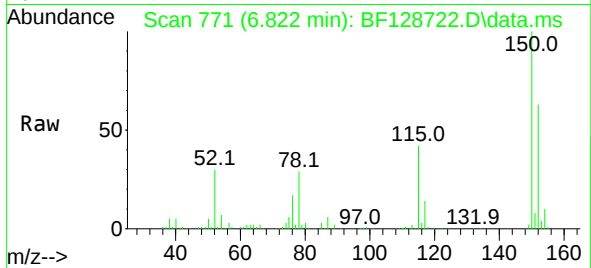




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

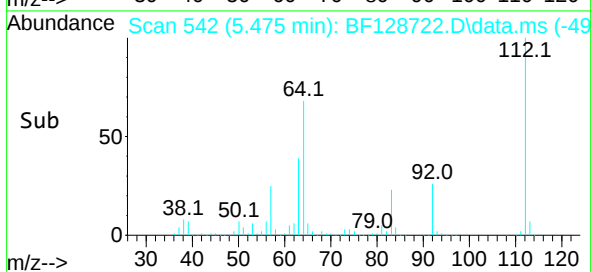
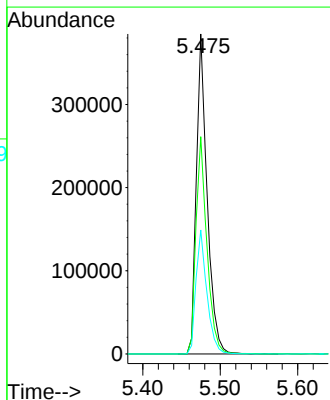
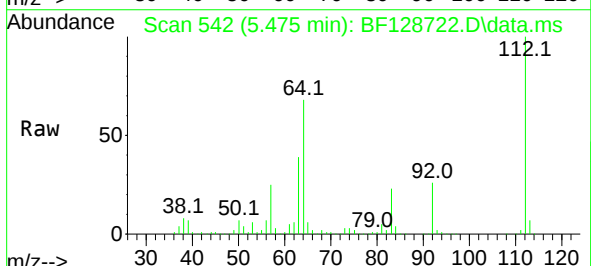
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

Tgt Ion:152 Resp: 71366
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 67.5 49.9 74.9



#5
2-Fluorophenol
Concen: 82.873 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:112 Resp: 371307
Ion Ratio Lower Upper
112 100
64 67.9 53.3 79.9
63 38.8 28.0 42.0

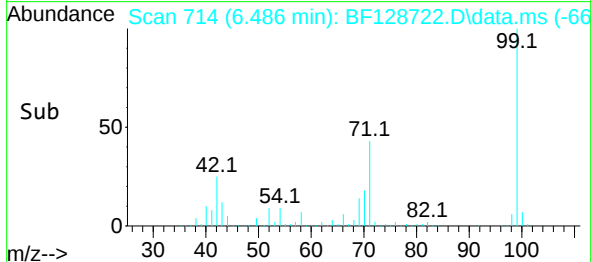
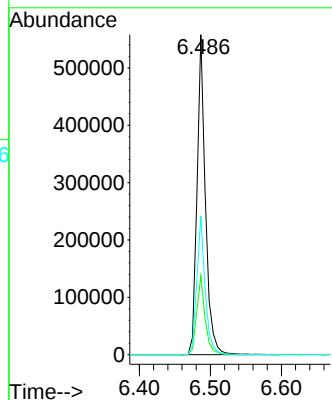
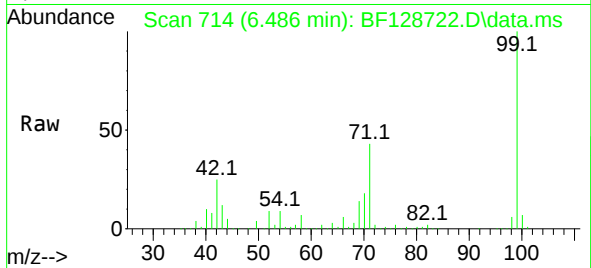




#7
Phenol-d6
Concen: 84.135 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

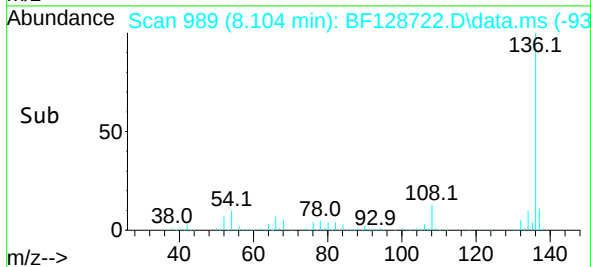
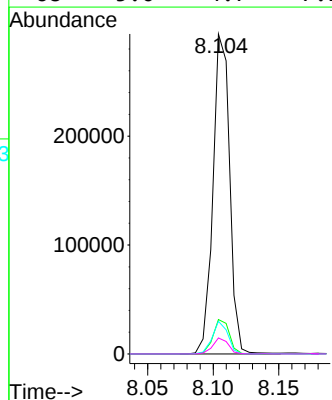
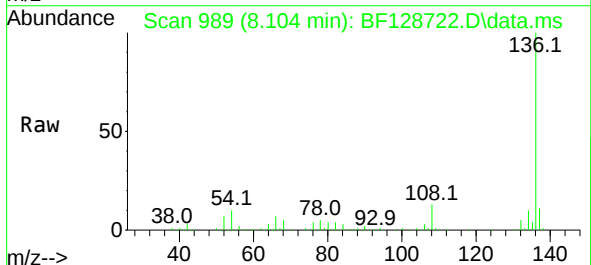
Instrument :
BNA_F
ClientSampleId :
TP-2-1-5FT

Tgt Ion: 99 Resp: 460149
Ion Ratio Lower Upper
99 100
42 24.6 17.3 25.9
71 43.4 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: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion: 136 Resp: 260130
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.2 7.5 11.3
68 5.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 57.835 ng

RT: 7.386 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF128722.D

Acq: 07 Jun 2022 18:16

Instrument :

BNA_F

ClientSampleId :

TP-2-1-5FT

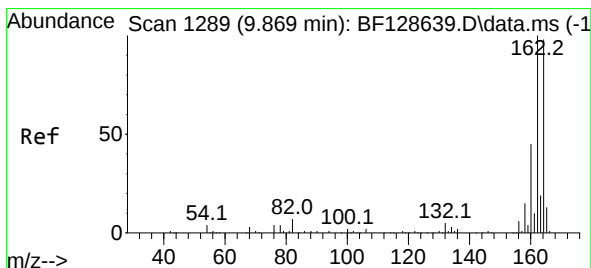
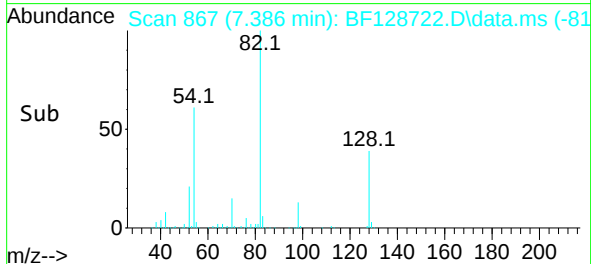
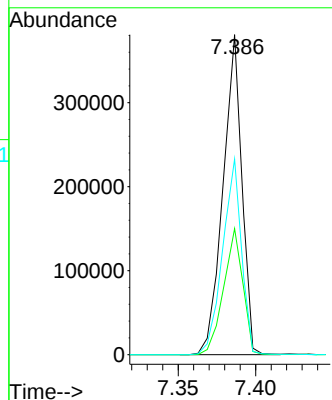
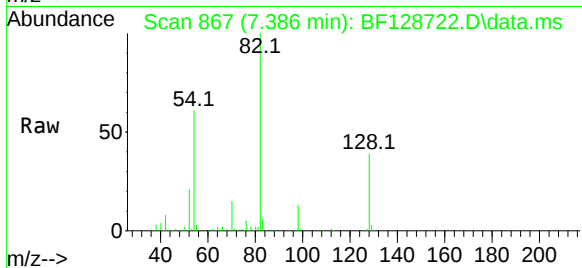
Tgt Ion: 82 Resp: 323135

Ion Ratio Lower Upper

82 100

128 39.4 34.0 51.0

54 61.1 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: BF128722.D

Acq: 07 Jun 2022 18:16

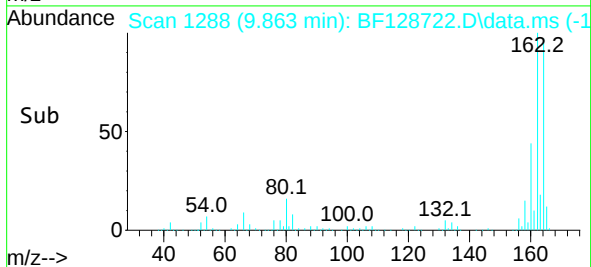
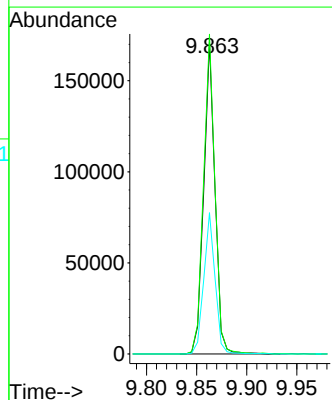
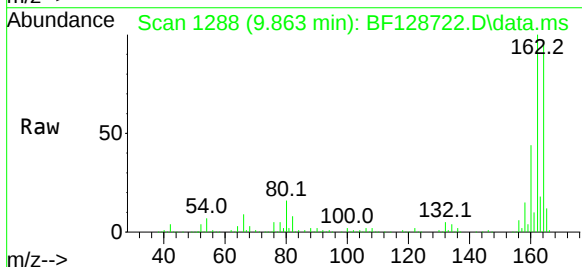
Tgt Ion:164 Resp: 134393

Ion Ratio Lower Upper

164 100

162 102.7 79.5 119.3

160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 68.518 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128722.D

Acq: 07 Jun 2022 18:16

Instrument :

BNA_F

ClientSampleId :

TP-2-1-5FT

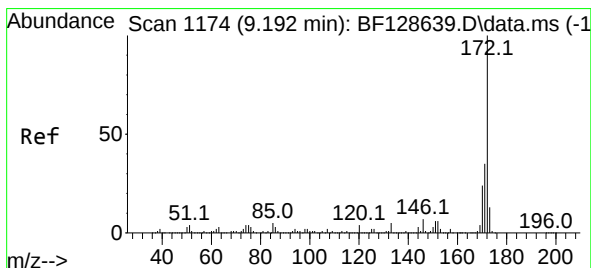
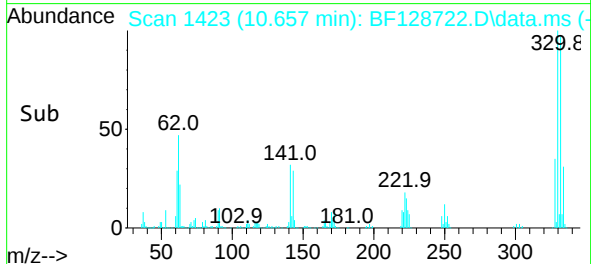
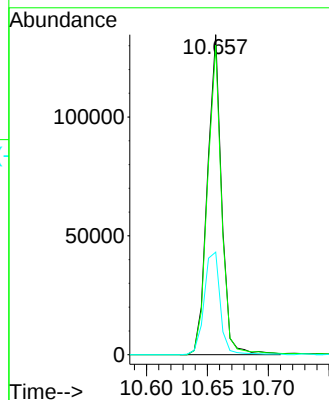
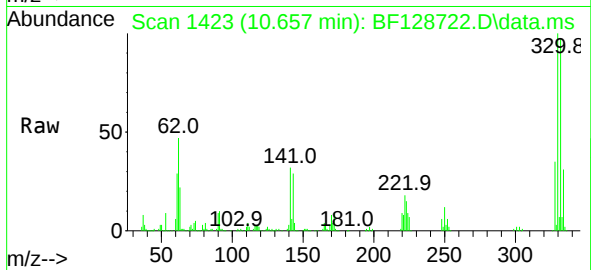
Tgt Ion:330 Resp: 108801

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.911 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128722.D

Acq: 07 Jun 2022 18:16

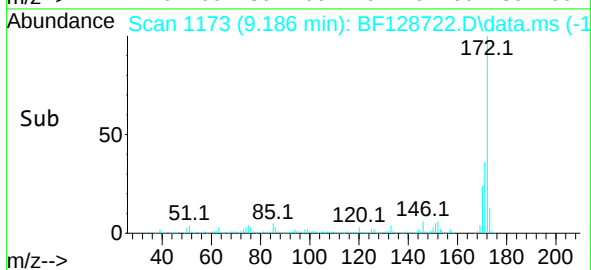
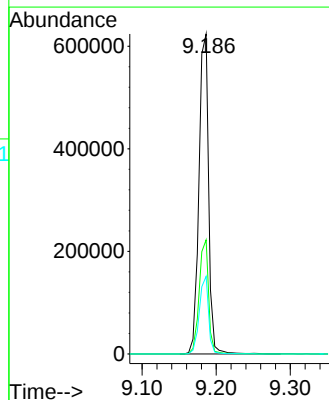
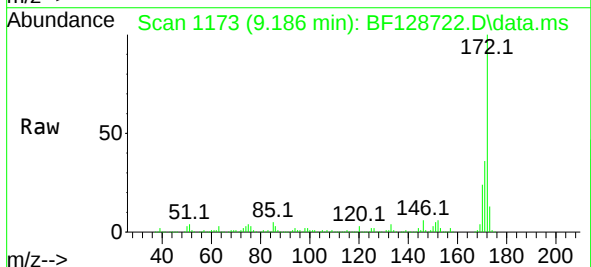
Tgt Ion:172 Resp: 565196

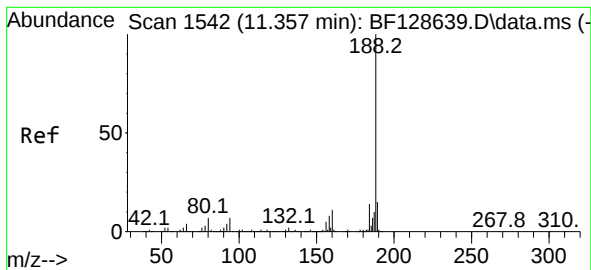
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128722.D

Acq: 07 Jun 2022 18:16

Instrument :

BNA_F

ClientSampleId :

TP-2-1-5FT

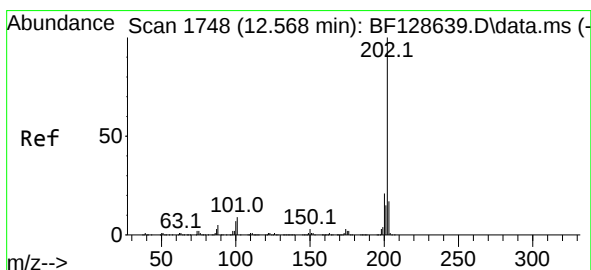
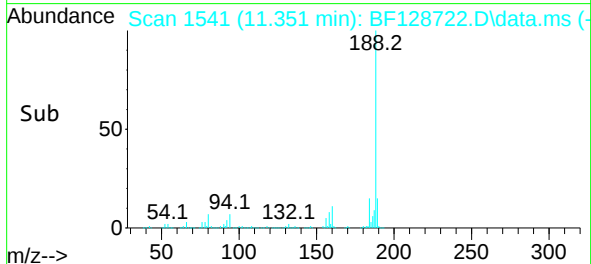
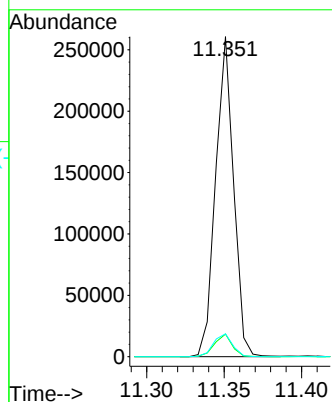
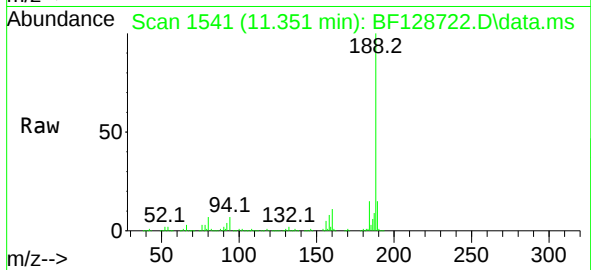
Tgt Ion:188 Resp: 210136

Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.6

80 7.1 7.6 11.4#



#75

Fluoranthene

Concen: 2.851 ng

RT: 12.563 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BF128722.D

Acq: 07 Jun 2022 18:16

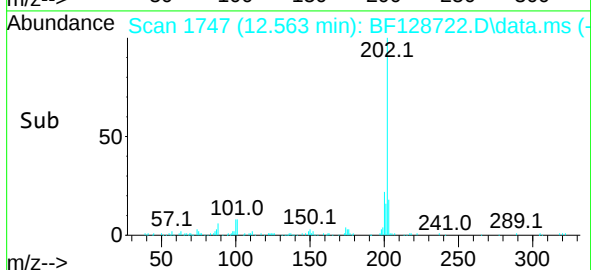
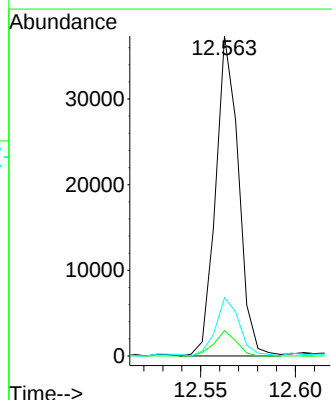
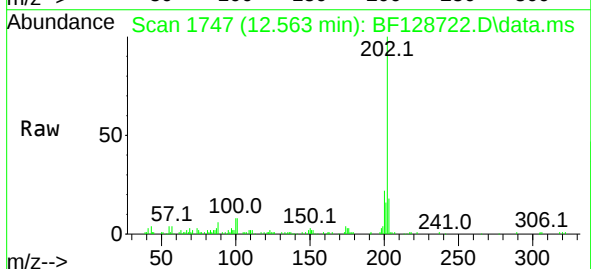
Tgt Ion:202 Resp: 31410

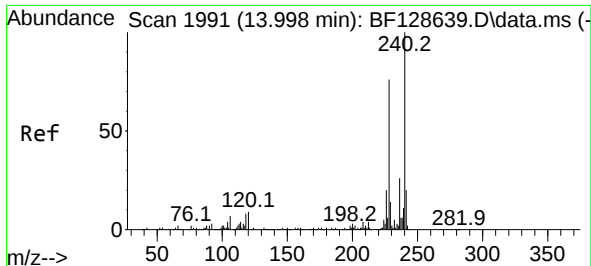
Ion Ratio Lower Upper

202 100

101 7.9 0.0 31.4

203 18.2 0.0 38.0

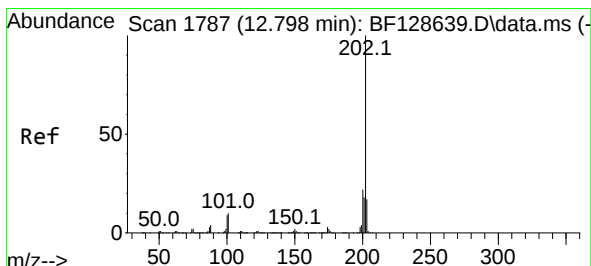
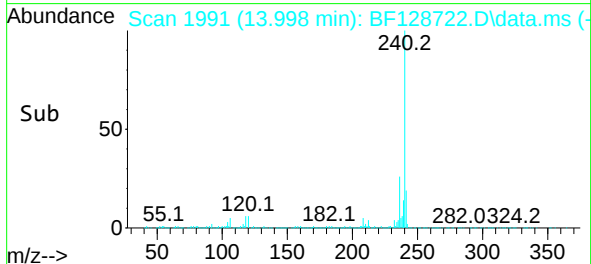
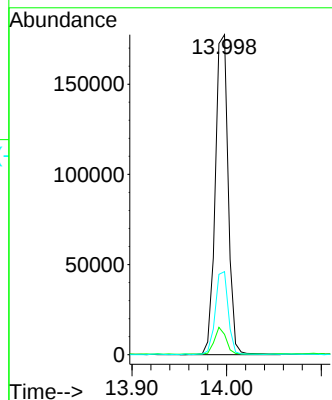
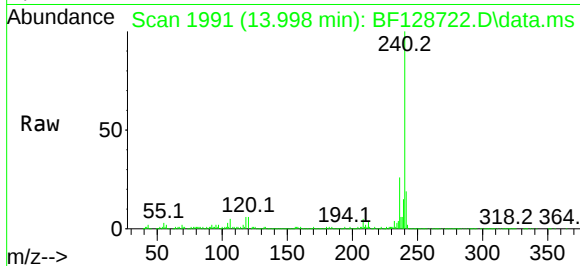




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

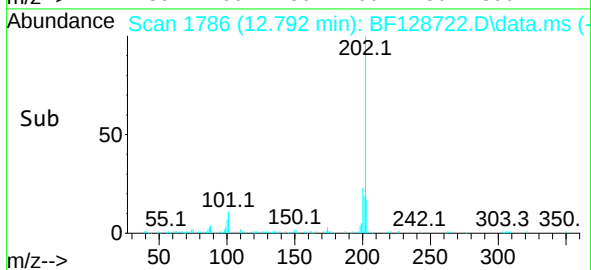
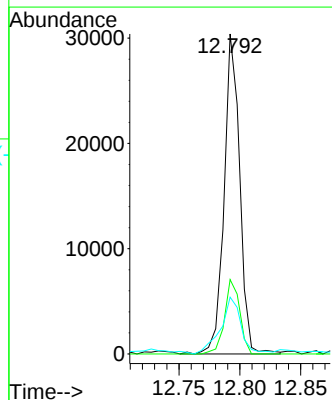
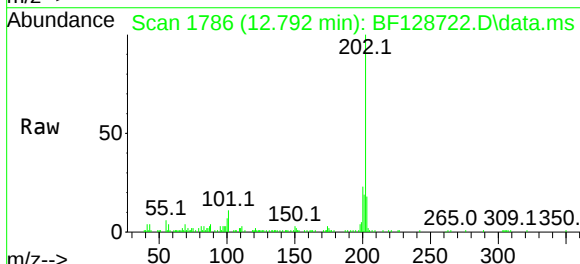
Instrument :
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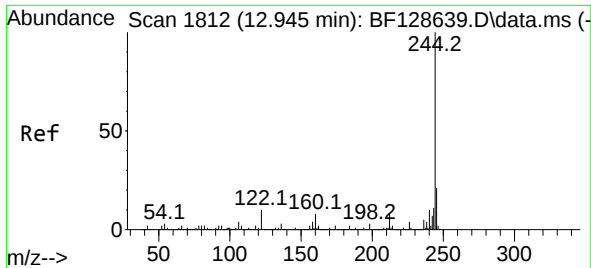
Tgt Ion:240 Resp: 167713
Ion Ratio Lower Upper
240 100
120 6.4 8.9 13.3#
236 26.0 20.8 31.2



#78
Pyrene
Concen: 2.181 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128722.D
Acq: 07 Jun 2022 18:16

Tgt Ion:202 Resp: 27215
Ion Ratio Lower Upper
202 100
200 23.2 17.7 26.5
203 17.7 14.6 21.8

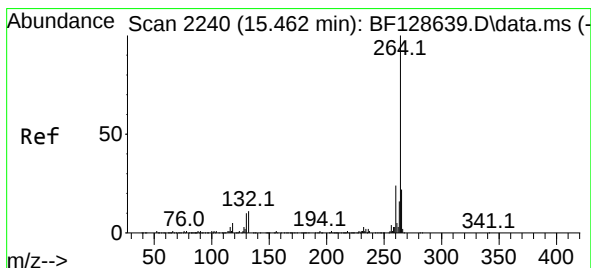
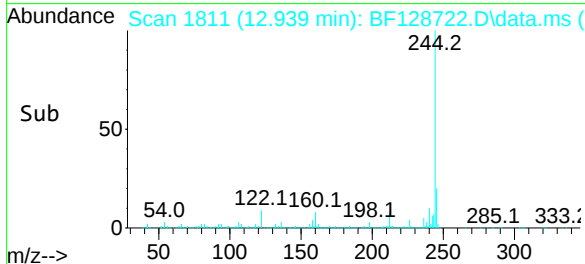
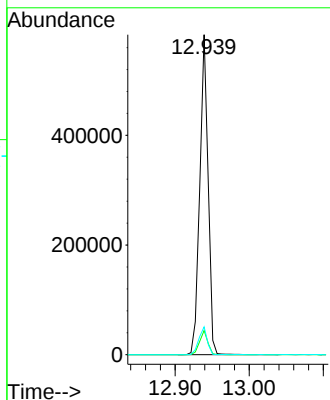
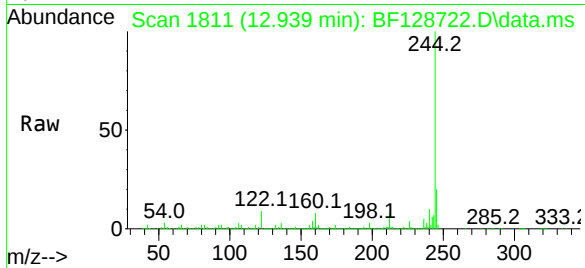




#79
 Terphenyl-d14
 Concen: 47.012 ng
 RT: 12.939 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF128722.D
 Acq: 07 Jun 2022 18:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-1-5FT

Tgt Ion:244 Resp: 453754
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: BF128722.D
 Acq: 07 Jun 2022 18:16

Tgt Ion:264 Resp: 174171
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.0 17.2 25.8

