

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128701.D
 Acq On : 06 Jun 2022 17:29
 Operator : CG\JU
 Sample : N3189-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220414-COMPOSITE-C

Quant Time: Jun 07 02:43:02 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	67993	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	259576	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	138962	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	214470	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	150108	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	166395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	649642	152.188	ng	0.00
7) Phenol-d6	6.492	99	813837	156.187	ng	0.00
23) Nitrobenzene-d5	7.386	82	592015	106.186	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	214698	130.761	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	948506	95.614	ng	0.00
79) Terphenyl-d14	12.939	244	649293	75.162	ng	0.00

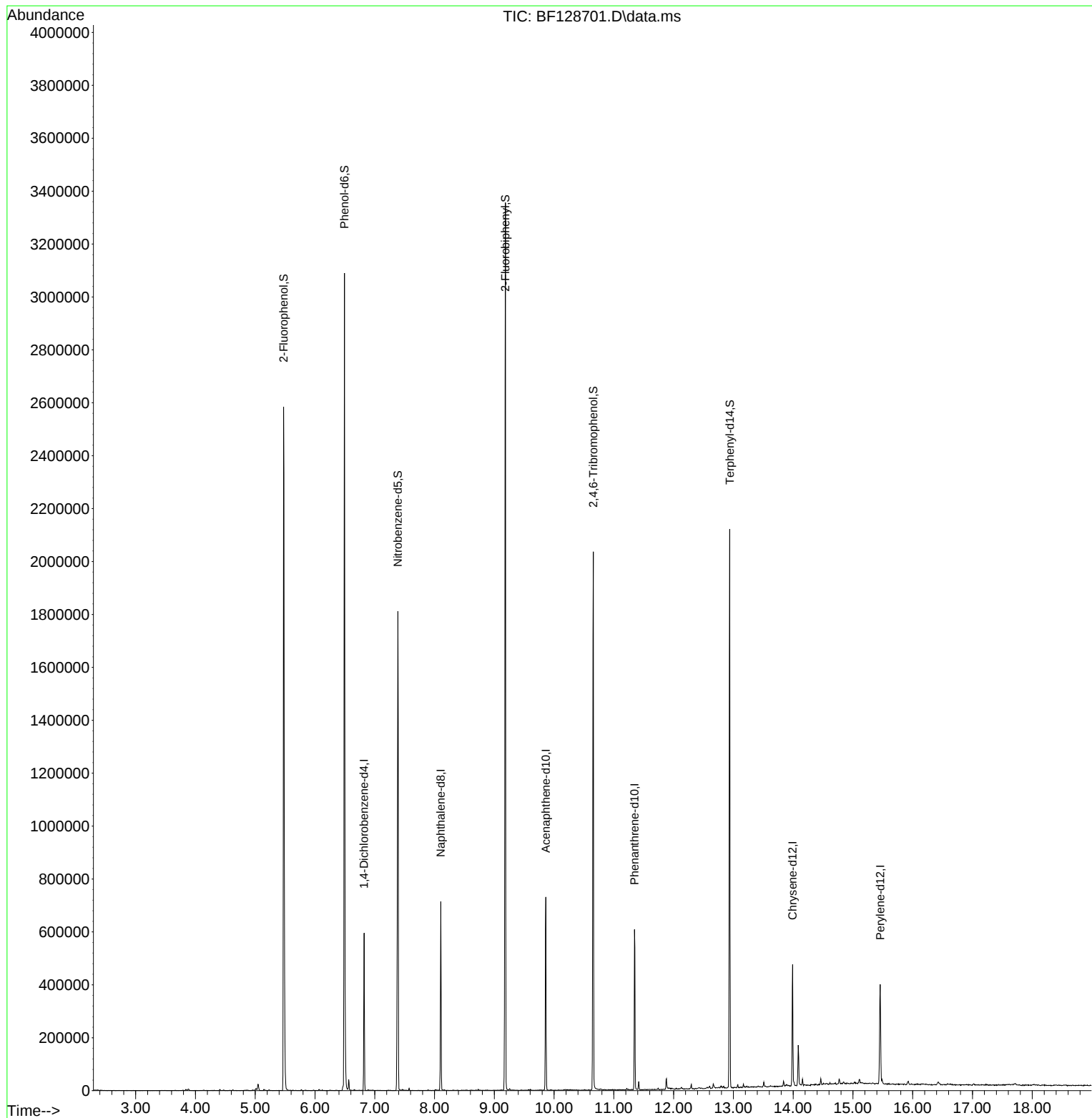
Target Compounds	Qvalue

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

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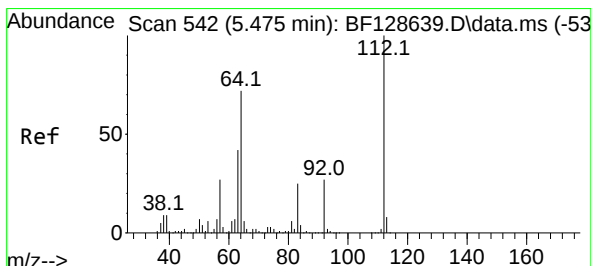
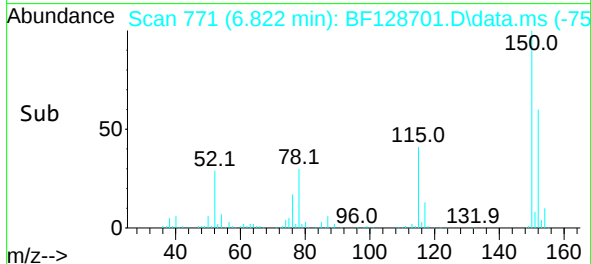
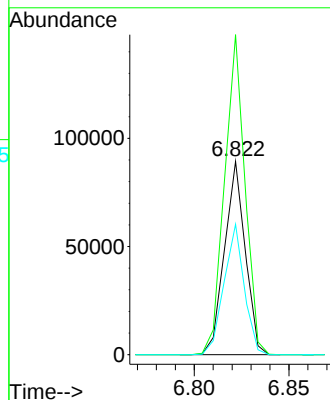
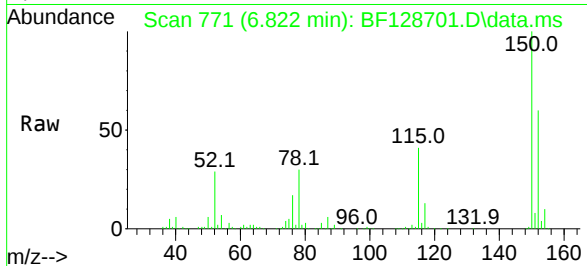




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128701.D
Acq: 06 Jun 2022 17:29

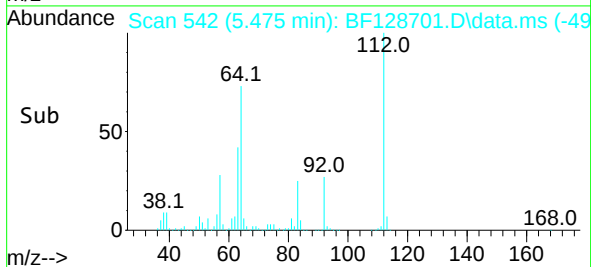
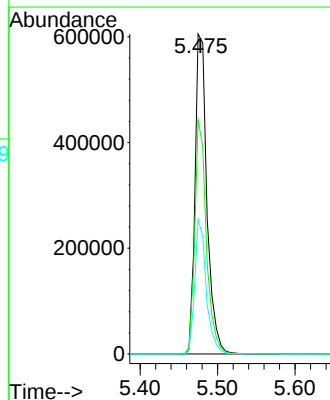
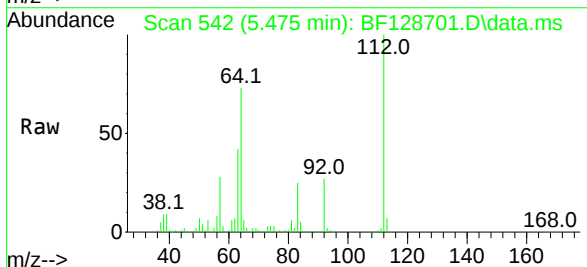
Instrument :
BNA_F
ClientSampleId :
20220414-COMPOSITE-C

Tgt Ion:152 Resp: 67993
Ion Ratio Lower Upper
152 100
150 165.5 123.7 185.5
115 67.5 49.9 74.9



#5
2-Fluorophenol
Concen: 152.188 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128701.D
Acq: 06 Jun 2022 17:29

Tgt Ion:112 Resp: 649642
Ion Ratio Lower Upper
112 100
64 73.1 53.3 79.9
63 42.0 28.0 42.0#

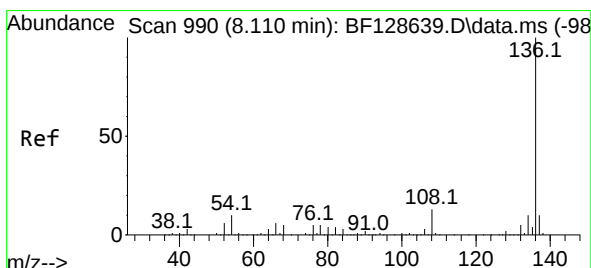
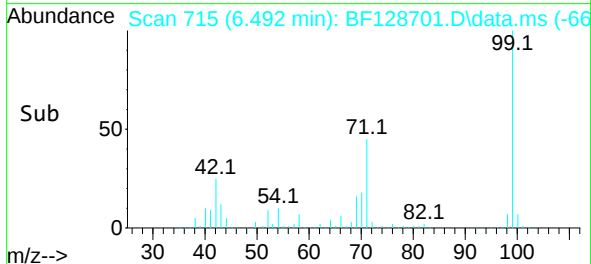
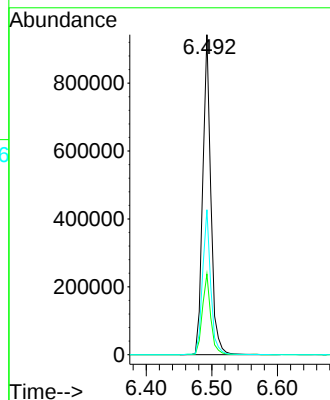
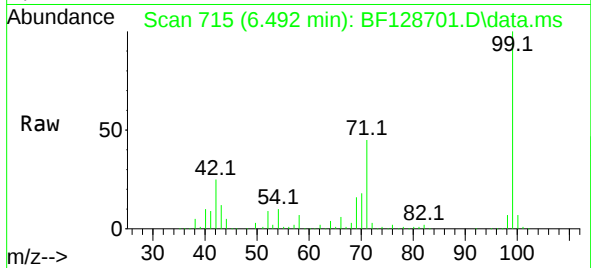




#7
Phenol-d6
Concen: 156.187 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128701.D
Acq: 06 Jun 2022 17:29

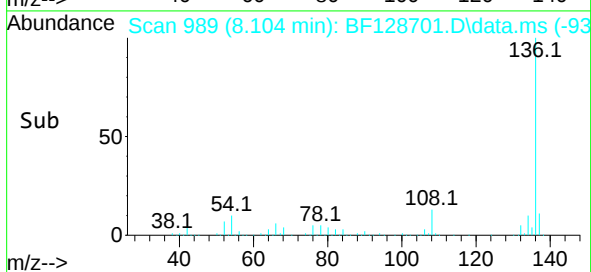
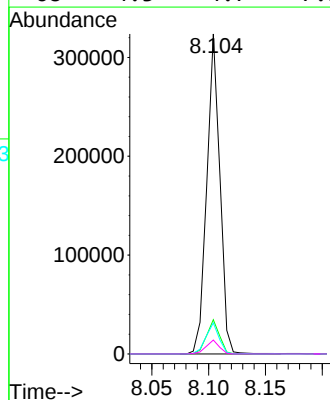
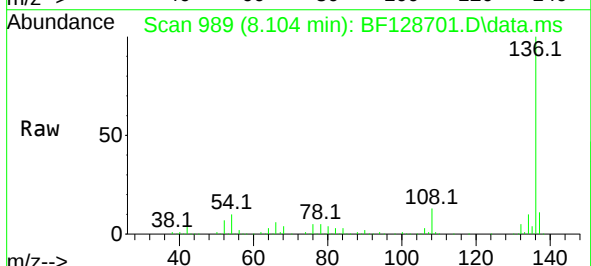
Instrument :
BNA_F
ClientSampleId :
20220414-COMPOSITE-C

Tgt Ion: 99 Resp: 813837
Ion Ratio Lower Upper
99 100
42 25.2 17.3 25.9
71 45.3 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: BF128701.D
Acq: 06 Jun 2022 17:29

Tgt Ion: 136 Resp: 259576
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.7 7.5 11.3
68 4.3 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 106.186 ng

RT: 7.386 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF128701.D

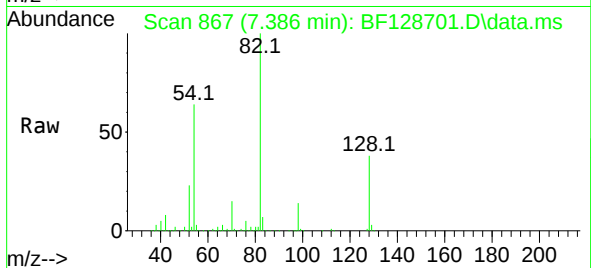
Acq: 06 Jun 2022 17:29

Instrument :

BNA_F

ClientSampleId :

20220414-COMPOSITE-C



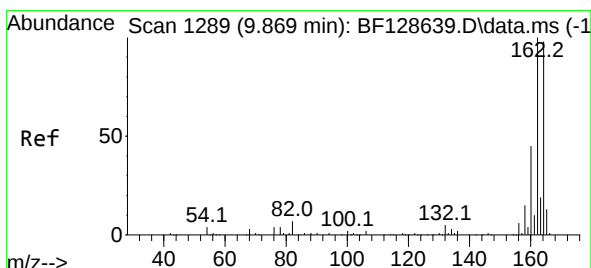
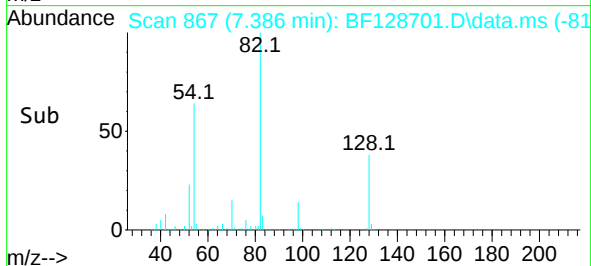
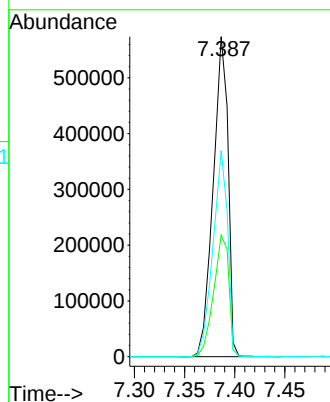
Tgt Ion: 82 Resp: 592015

Ion Ratio Lower Upper

82 100

128 37.9 34.0 51.0

54 64.3 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: BF128701.D

Acq: 06 Jun 2022 17:29

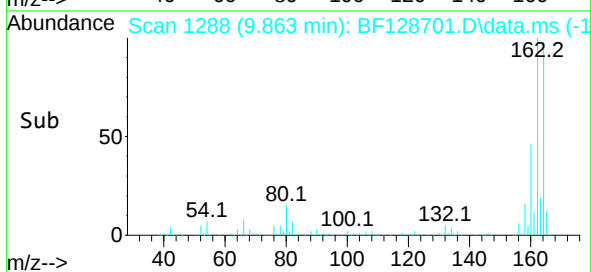
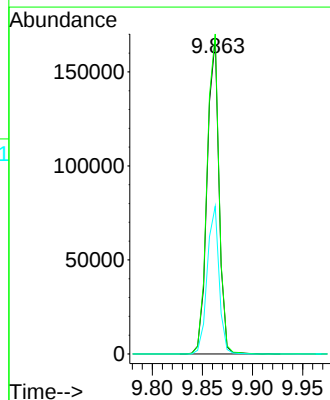
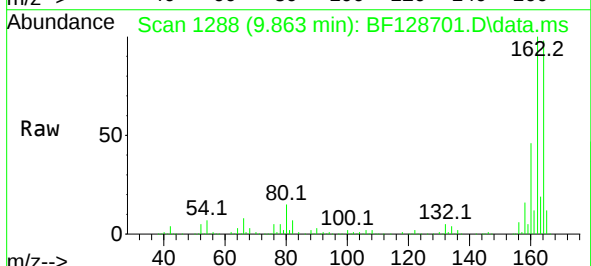
Tgt Ion: 164 Resp: 138962

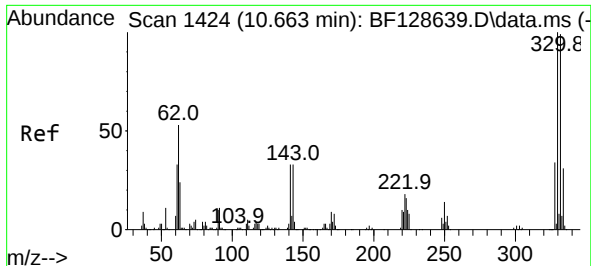
Ion Ratio Lower Upper

164 100

162 101.7 79.5 119.3

160 46.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.761 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128701.D

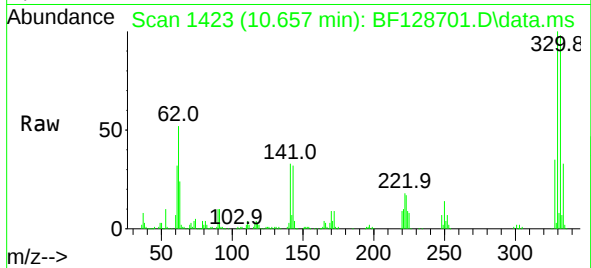
Acq: 06 Jun 2022 17:29

Instrument :

BNA_F

ClientSampleId :

20220414-COMPOSITE-C



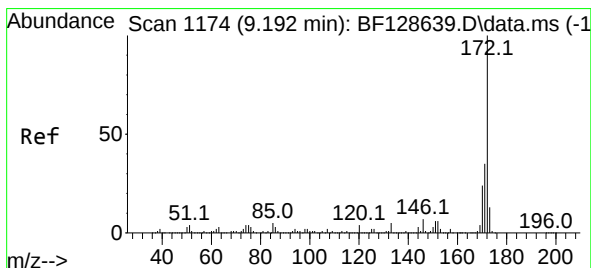
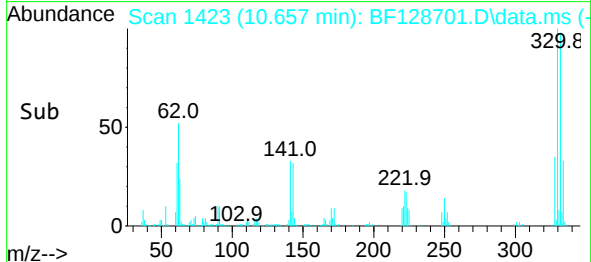
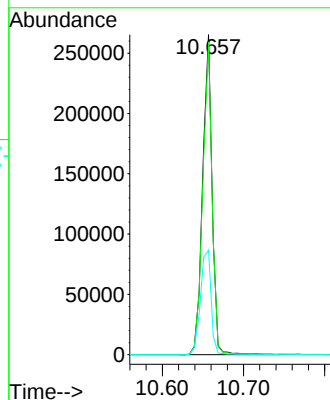
Tgt Ion:330 Resp: 214698

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 37.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 95.614 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128701.D

Acq: 06 Jun 2022 17:29

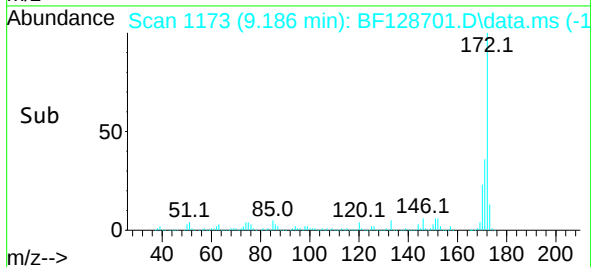
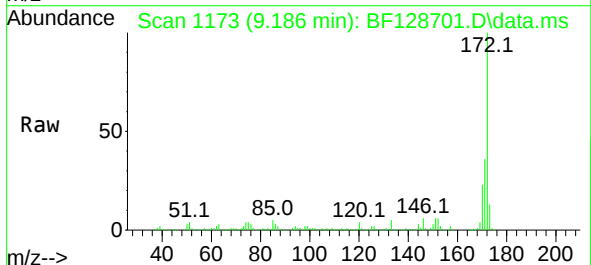
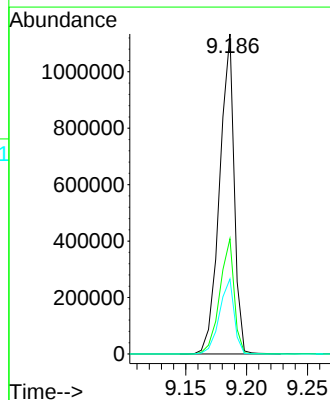
Tgt Ion:172 Resp: 948506

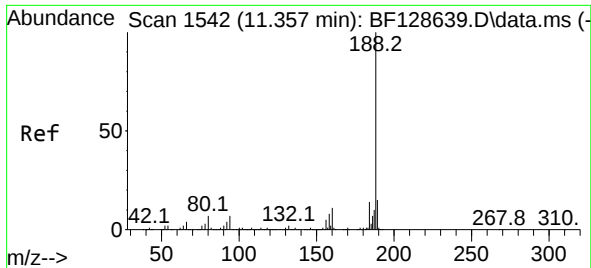
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.4 19.8 29.8

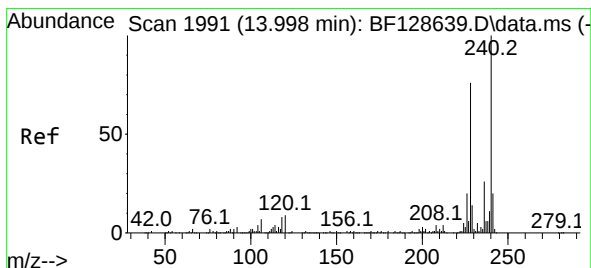
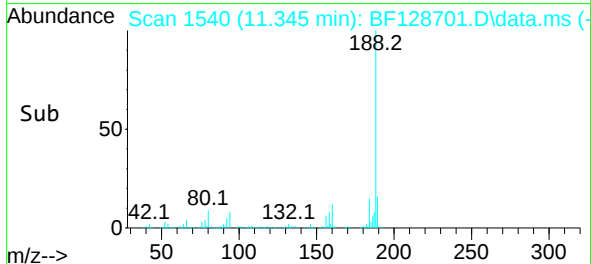
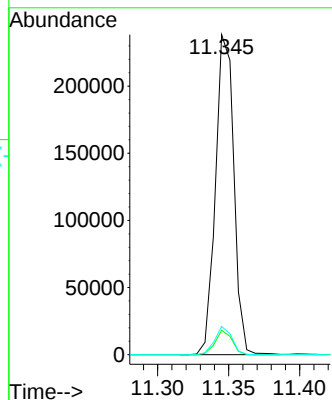
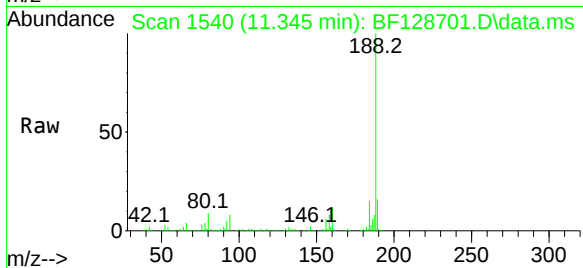




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128701.D
Acq: 06 Jun 2022 17:29

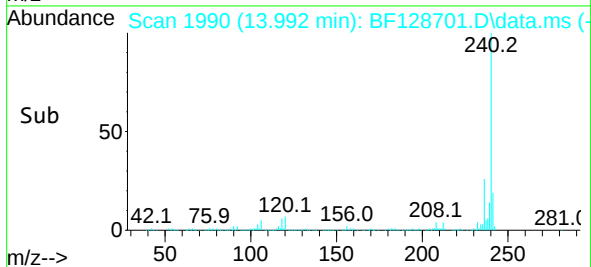
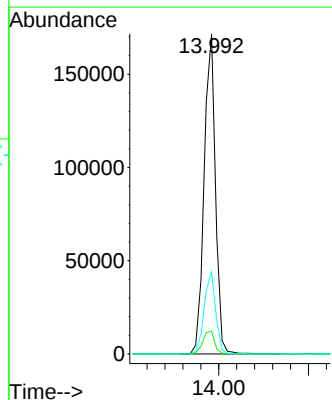
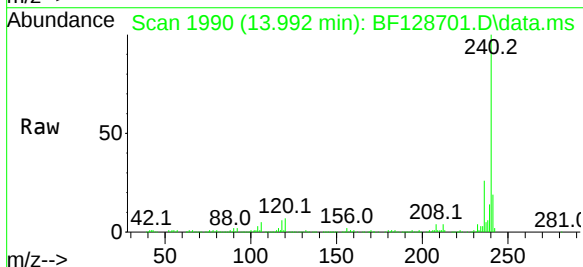
Instrument :
BNA_F
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20220414-COMPOSITE-C

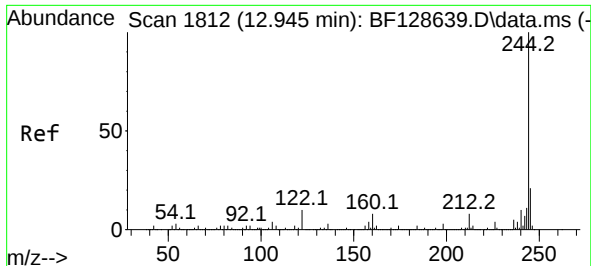
Tgt Ion:188 Resp: 214470
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128701.D
Acq: 06 Jun 2022 17:29

Tgt Ion:240 Resp: 150108
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.7 20.8 31.2

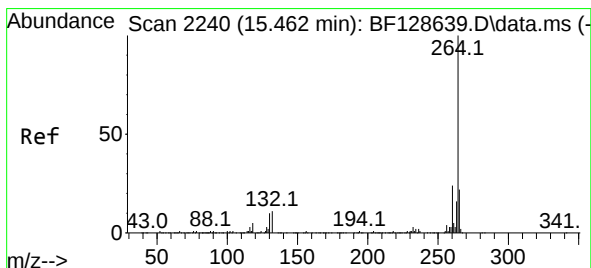
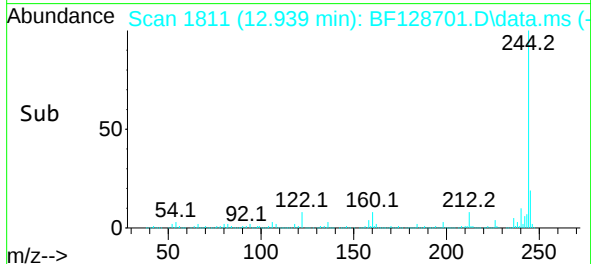
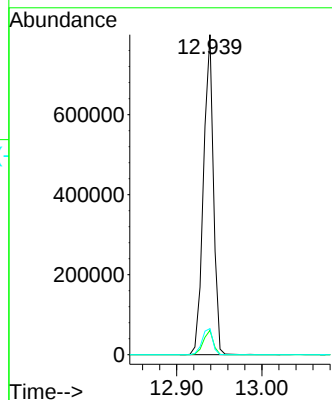
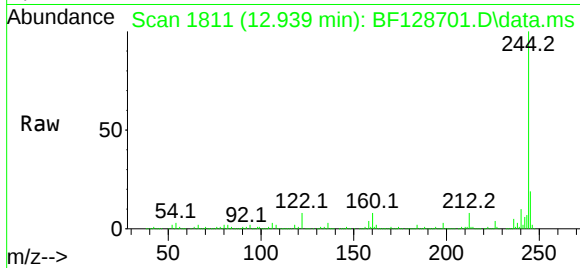




#79
 Terphenyl-d14
 Concen: 75.162 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128701.D
 Acq: 06 Jun 2022 17:29

Instrument :
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Tgt Ion:244 Resp: 649293
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.2 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: BF128701.D
 Acq: 06 Jun 2022 17:29

Tgt Ion:264 Resp: 166395
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.3 17.2 25.8

