

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128697.D
 Acq On : 06 Jun 2022 15:31
 Operator : CG\JU
 Sample : N3189-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-C

Quant Time: Jun 07 02:42:32 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	74189	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	254729	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	131124	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	204596	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	161038	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	176611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	55795	11.979	ng	0.02
7) Phenol-d6	6.498	99	234728	41.285	ng	0.00
23) Nitrobenzene-d5	7.387	82	563556	103.005	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	10988	7.092	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	735029	78.523	ng	0.00
79) Terphenyl-d14	12.939	244	585411	63.167	ng	0.00

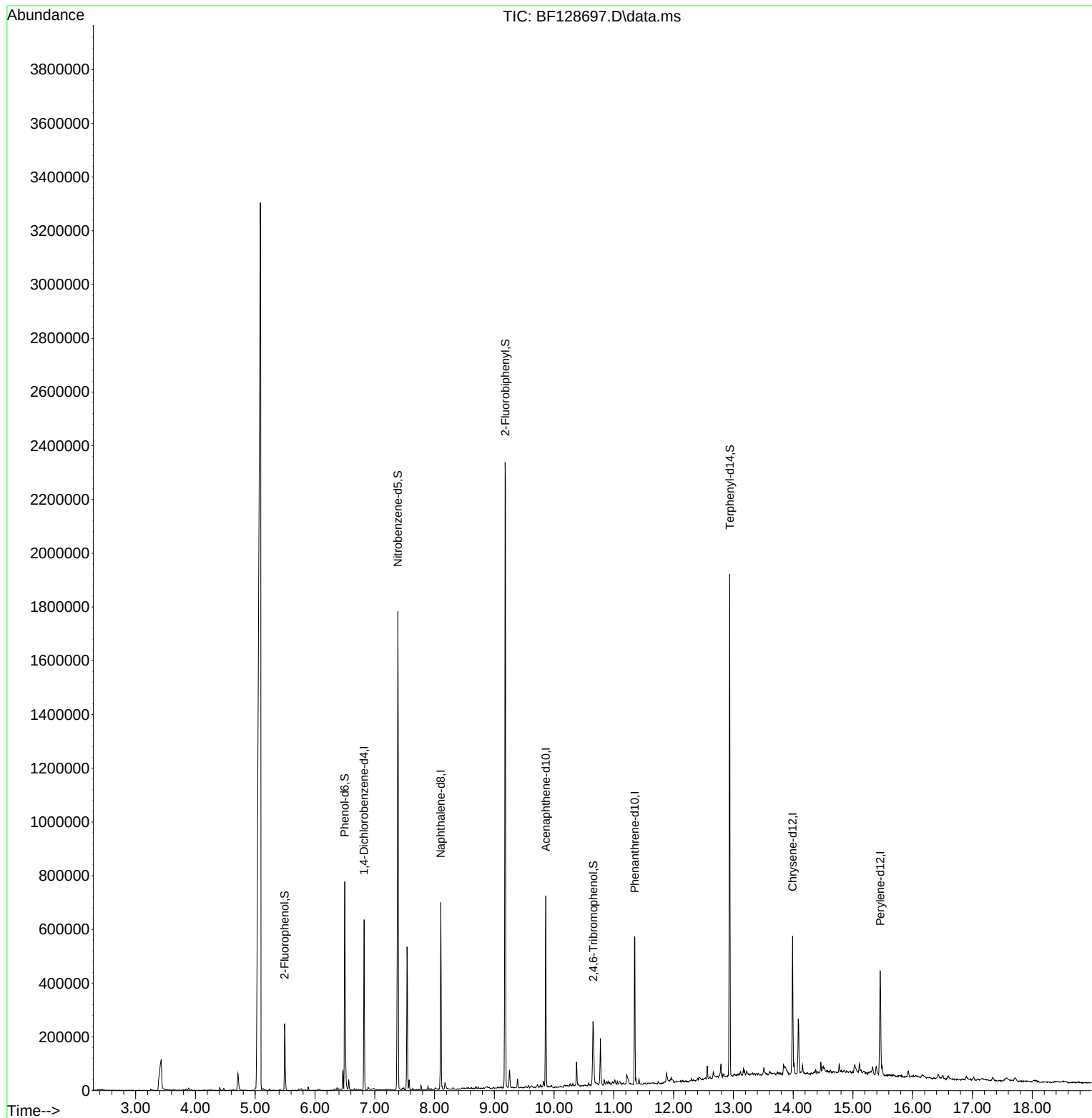
Target Compounds	Qvalue

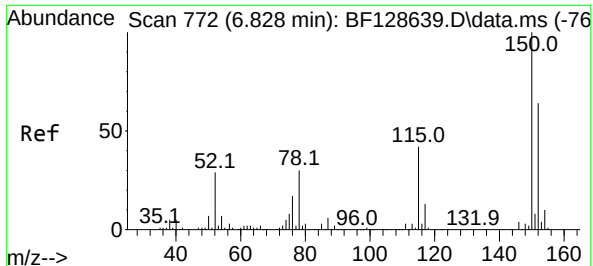
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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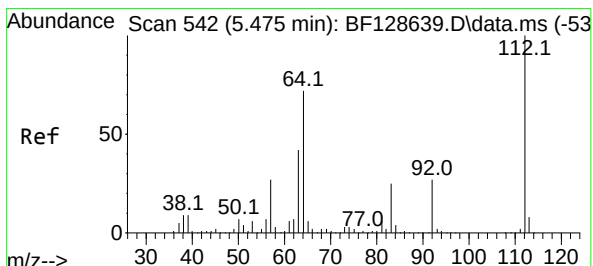
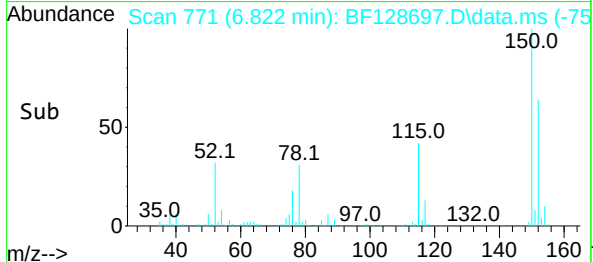
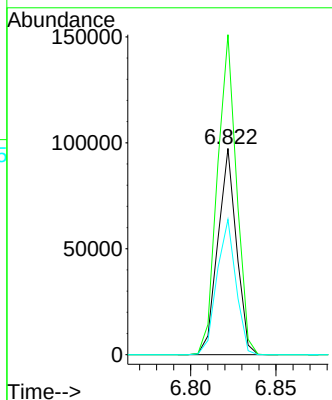
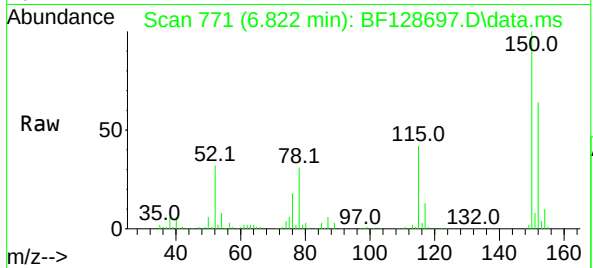




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

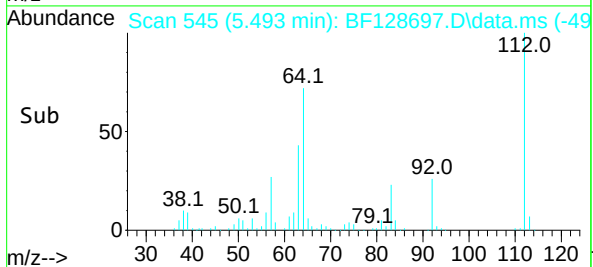
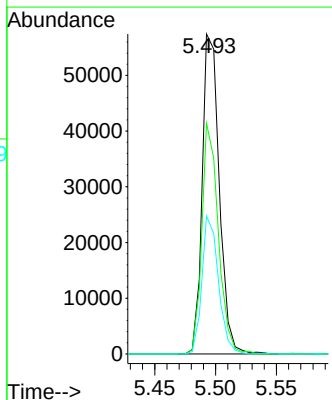
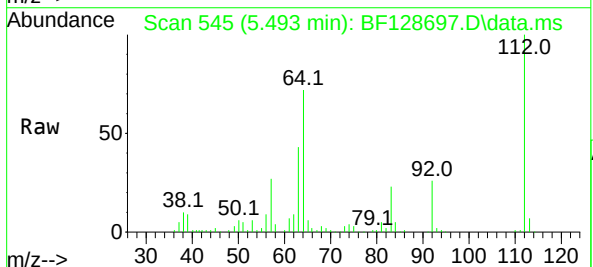
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

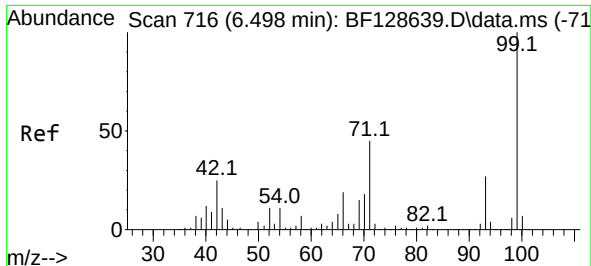
Tgt Ion:152 Resp: 74189
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 65.6 49.9 74.9



#5
2-Fluorophenol
Concen: 11.979 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion:112 Resp: 55795
Ion Ratio Lower Upper
112 100
64 72.1 53.3 79.9
63 43.1 28.0 42.0#

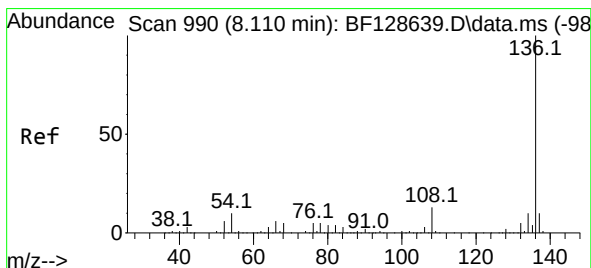
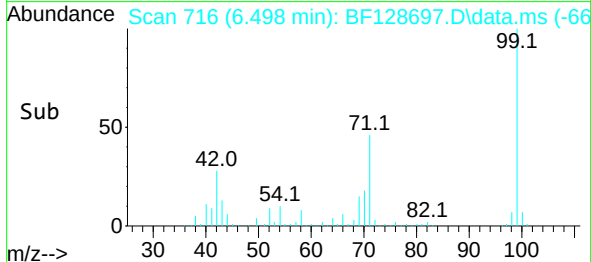
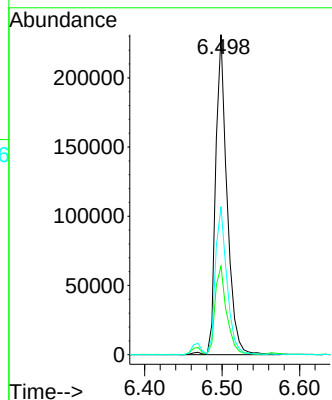
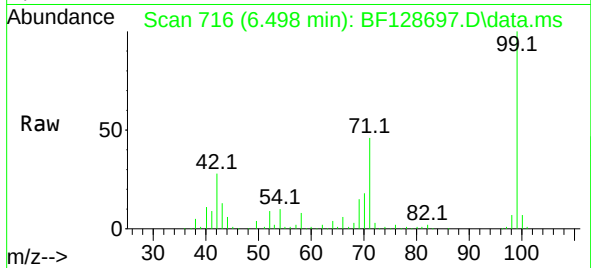




#7
Phenol-d6
Concen: 41.285 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

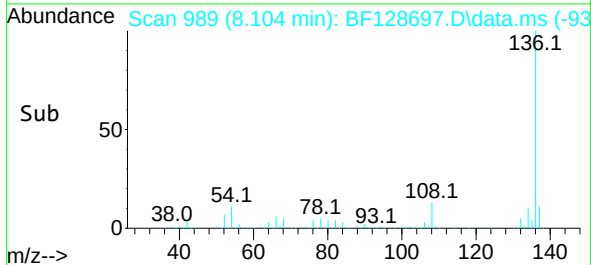
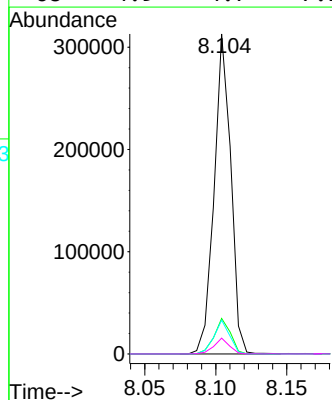
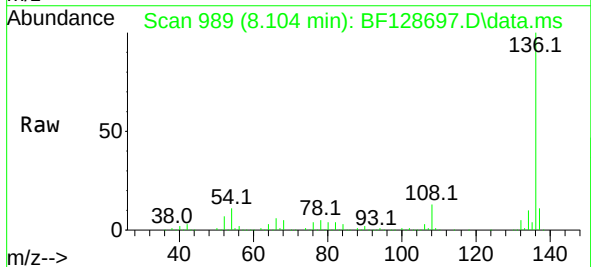
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

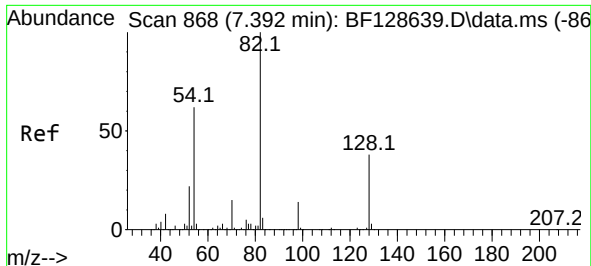
Tgt Ion: 99 Resp: 234728
Ion Ratio Lower Upper
99 100
42 27.6 17.3 25.9#
71 46.2 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion: 136 Resp: 254729
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.5 7.5 11.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 103.005 ng

RT: 7.387 min Scan# 867

Delta R.T. -0.005 min

Lab File: BF128697.D

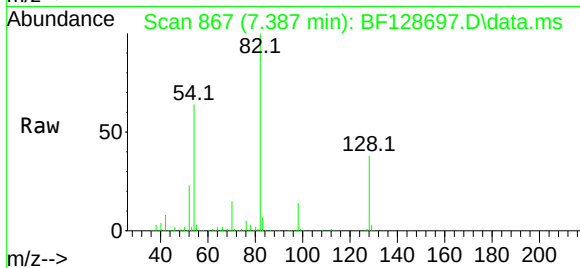
Acq: 06 Jun 2022 15:31

Instrument :

BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C



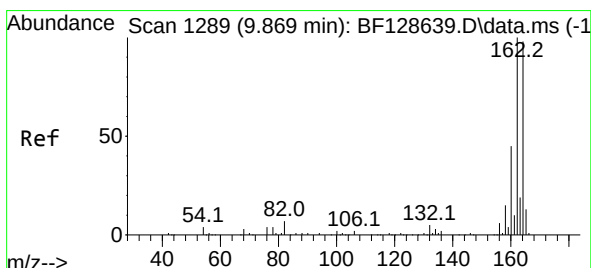
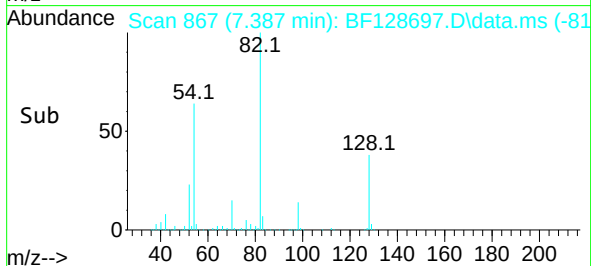
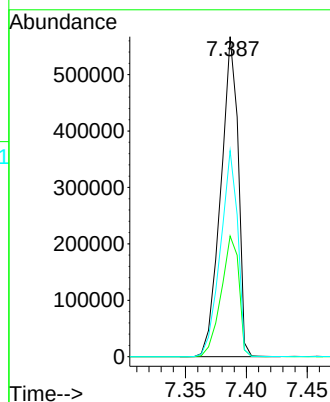
Tgt Ion: 82 Resp: 563556

Ion Ratio Lower Upper

82 100

128 37.7 34.0 51.0

54 64.4 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: BF128697.D

Acq: 06 Jun 2022 15:31

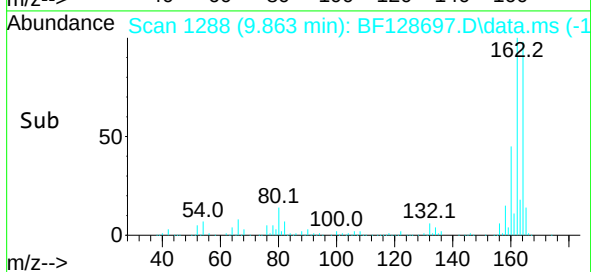
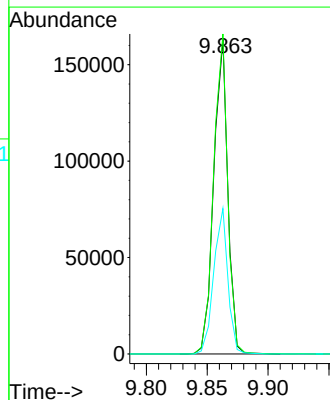
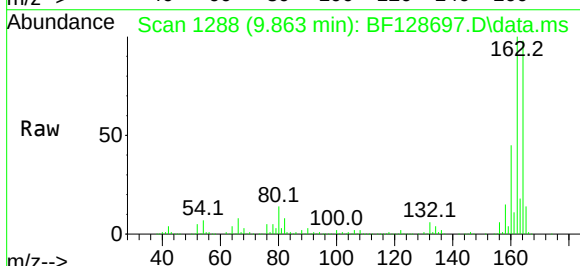
Tgt Ion: 164 Resp: 131124

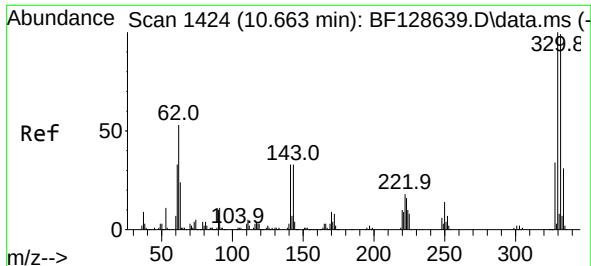
Ion Ratio Lower Upper

164 100

162 101.7 79.5 119.3

160 46.3 34.2 51.4

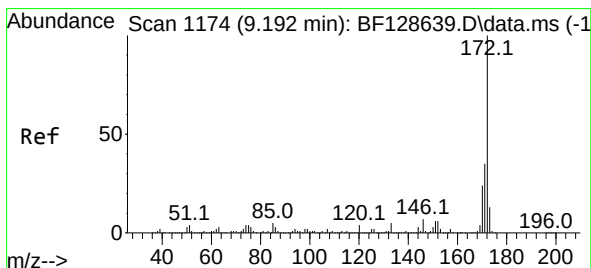
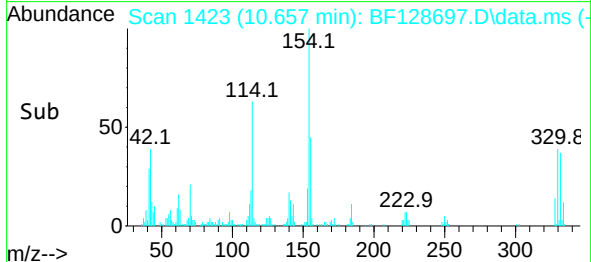
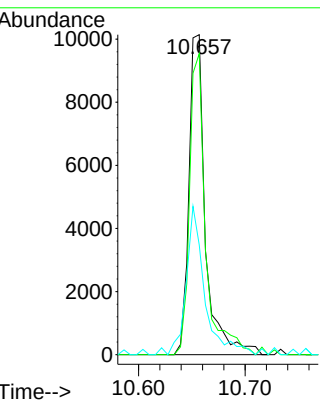
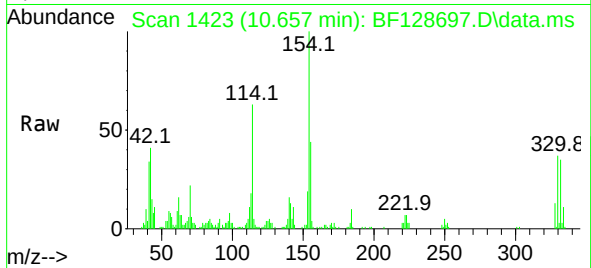




#42
2,4,6-Tribromophenol
Concen: 7.092 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

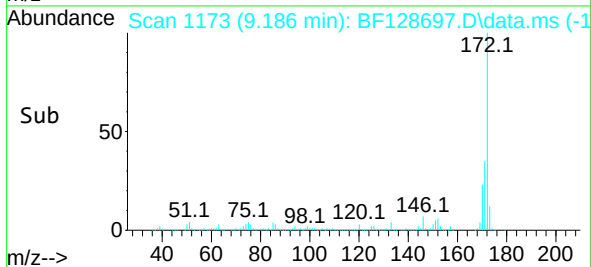
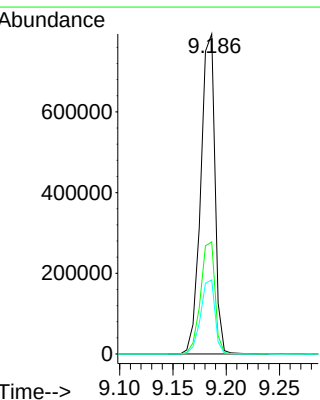
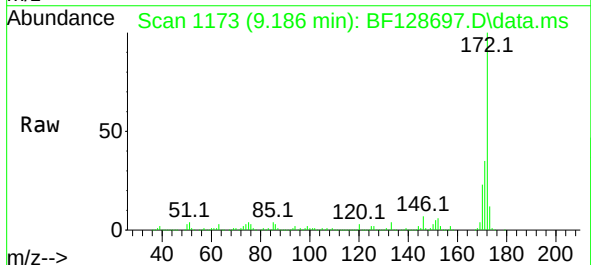
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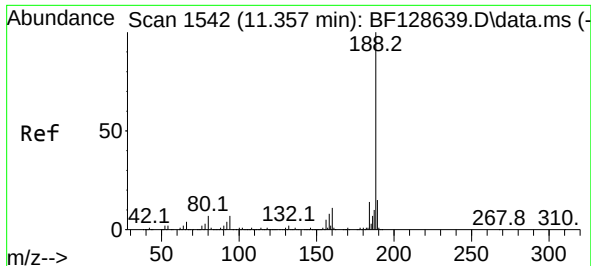
Tgt Ion: 330 Resp: 10988
Ion Ratio Lower Upper
330 100
332 91.4 76.8 115.2
141 52.1 28.0 42.0#



#45
2-Fluorobiphenyl
Concen: 78.523 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion: 172 Resp: 735029
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.2 19.8 29.8

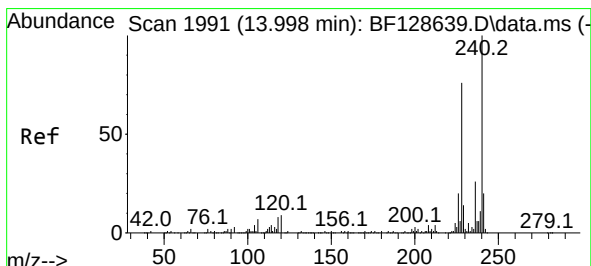
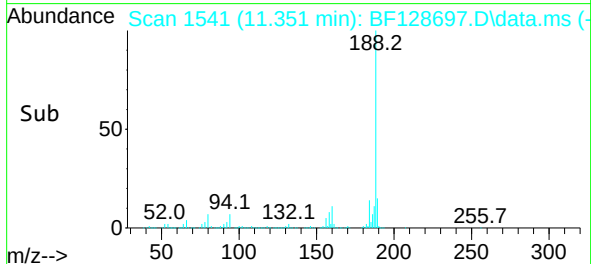
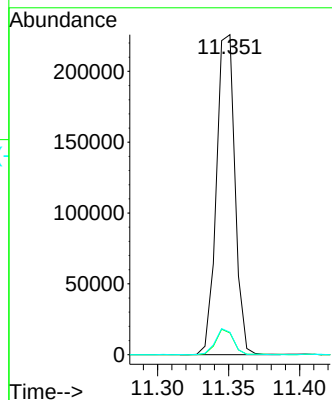
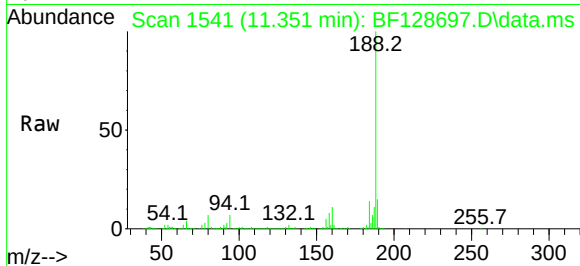




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

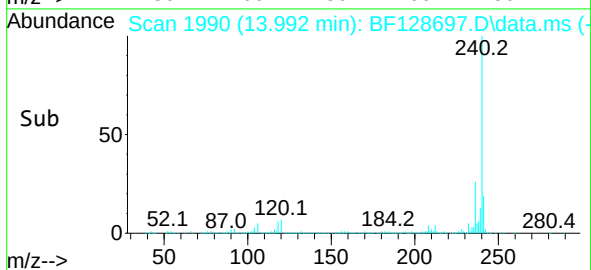
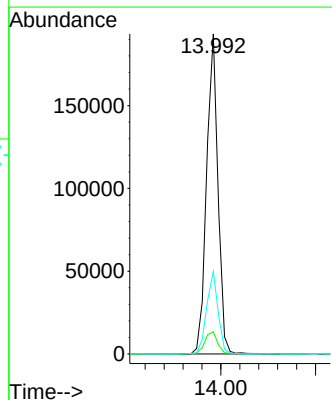
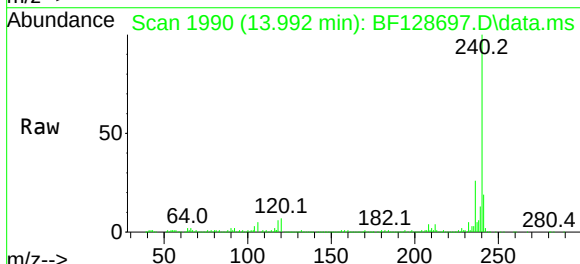
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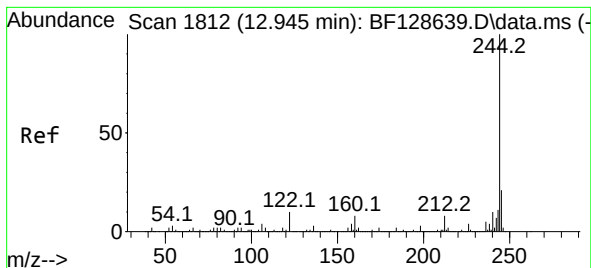
Tgt Ion:188 Resp: 204596
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.0 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion:240 Resp: 161038
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 63.167 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF128697.D

Acq: 06 Jun 2022 15:31

Instrument :

BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C

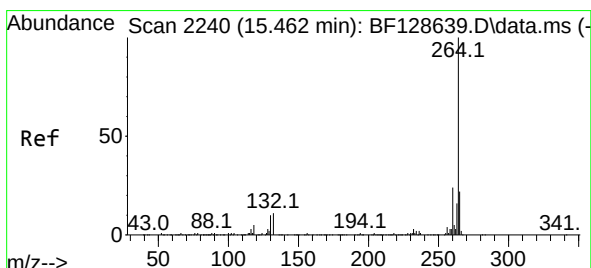
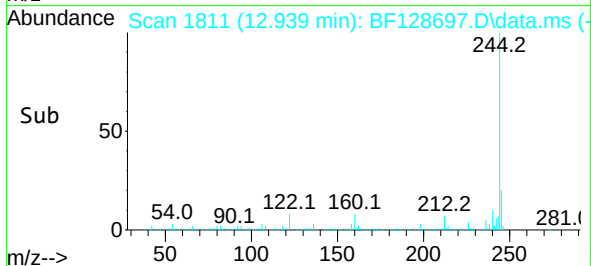
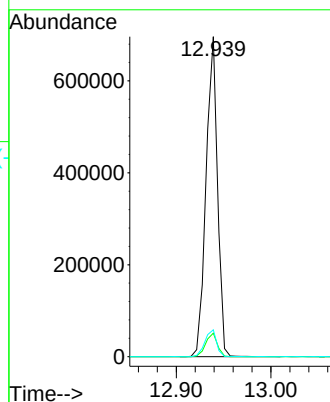
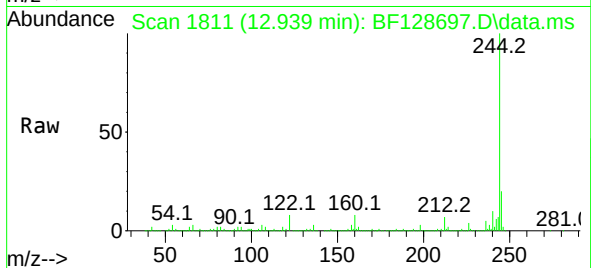
Tgt Ion:244 Resp: 585411

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 8.4 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: BF128697.D

Acq: 06 Jun 2022 15:31

Tgt Ion:264 Resp: 176611

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 21.5 17.2 25.8

