

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126548.D
 Acq On : 7 Jan 2022 18:07
 Operator : JU/CG
 Sample : M5011-17 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSB-8-(10-10.5)

Quant Time: Jan 08 04:39:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

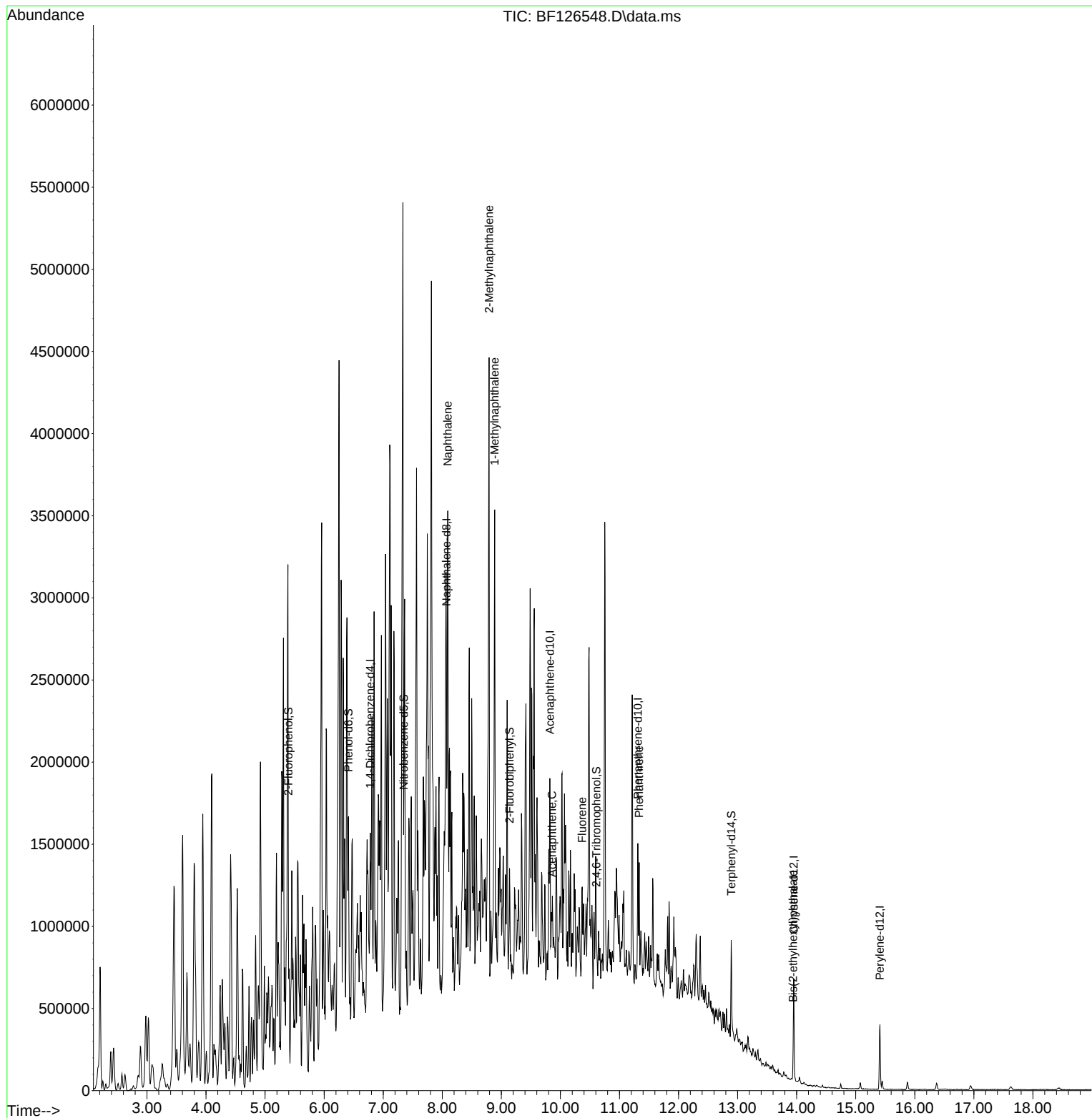
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	104034	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	367340	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	197874	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	315485	20.000	ng	0.00
76) Chrysene-d12	13.951	240	196016	20.000	ng	0.00
86) Perylene-d12	15.410	264	175955	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	96507	13.322	ng	0.00
7) Phenol-d6	6.410	99	182039	19.401	ng	-0.01
23) Nitrobenzene-d5	7.345	82	122109	17.068	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	12995	8.499	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	187457	16.671	ng	-0.01
79) Terphenyl-d14	12.892	244	155688	15.432	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.092	128	840413	48.471	ng	# 93
37) 2-Methylnaphthalene	8.792	142	1482501	144.943	ng	98
38) 1-Methylnaphthalene	8.886	142	858763	86.842	ng	98
52) Acenaphthene	9.857	154	39960	3.656	ng	# 87
58) Fluorene	10.369	166	62482	5.981	ng	# 96
71) Phenanthrene	11.333	178	224933	13.946	ng	97
84) Bis(2-ethylhexyl)phtha...	13.939	149	18012	2.368	ng	# 97

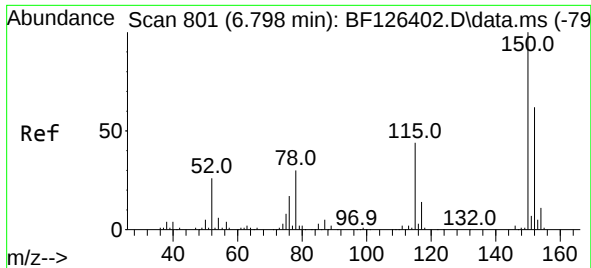
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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HSB-8-(10-10.5)

Quant Time: Jan 08 04:39:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

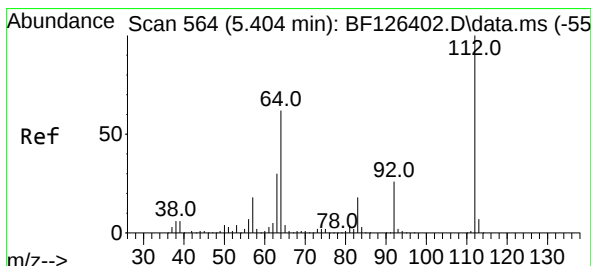
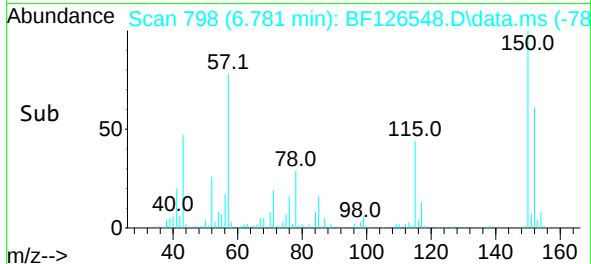
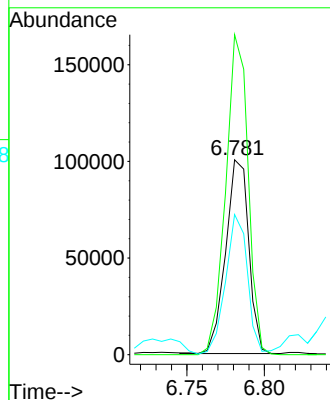
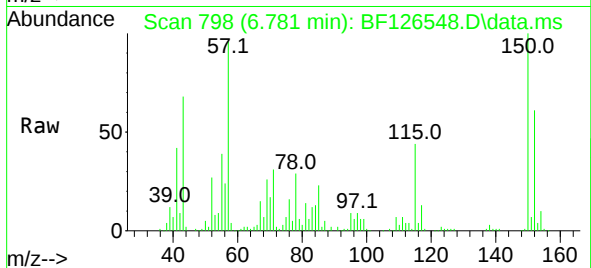




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF126548.D
 Acq: 7 Jan 2022 18:07

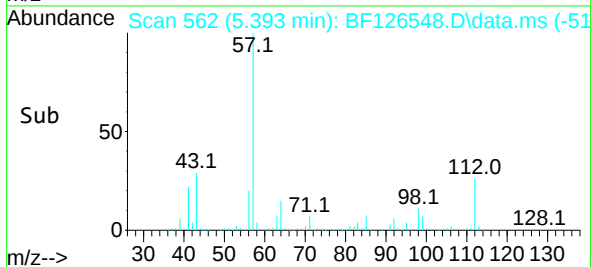
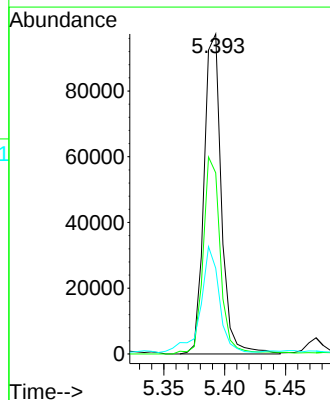
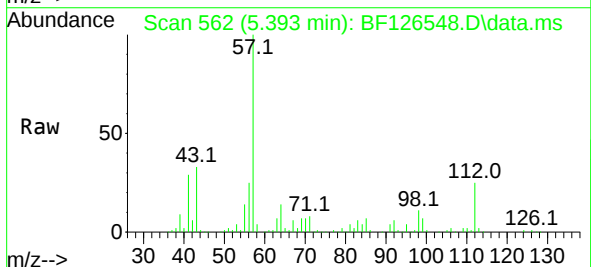
Instrument :
 BNA_F
 ClientSampleId :
 HSB-8-(10-10.5)

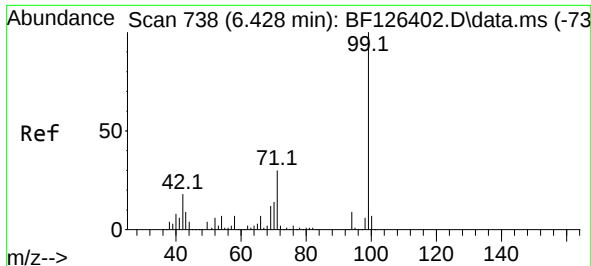
Tgt Ion:152 Resp: 104034
 Ion Ratio Lower Upper
 152 100
 150 164.1 128.1 192.1
 115 71.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 13.322 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF126548.D
 Acq: 7 Jan 2022 18:07

Tgt Ion:112 Resp: 96507
 Ion Ratio Lower Upper
 112 100
 64 56.6 49.5 74.3
 63 26.8 23.9 35.9

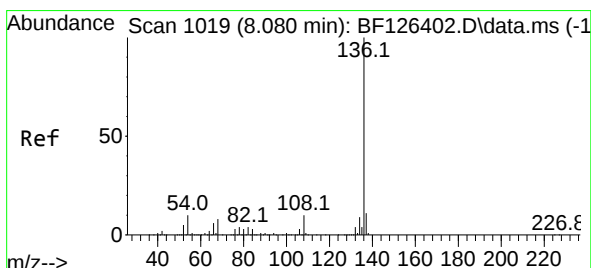
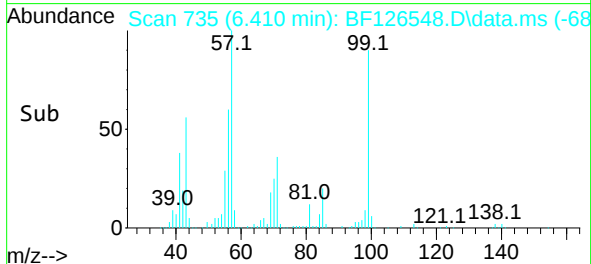
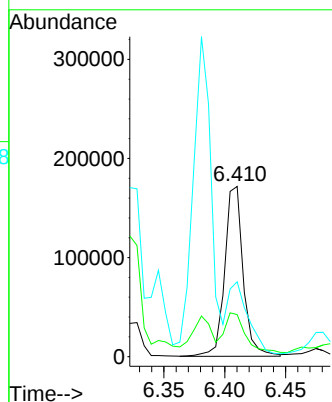
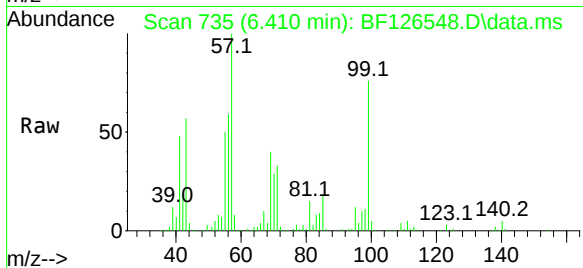




#7
Phenol-d6
Concen: 19.401 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

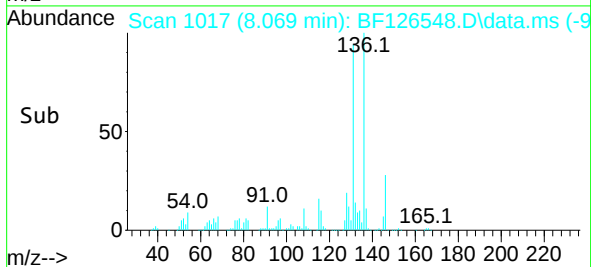
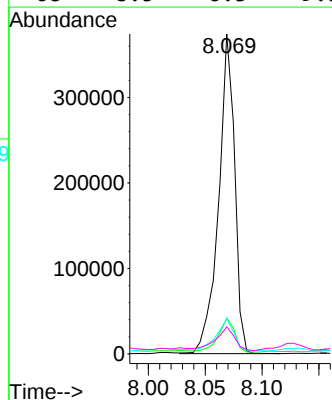
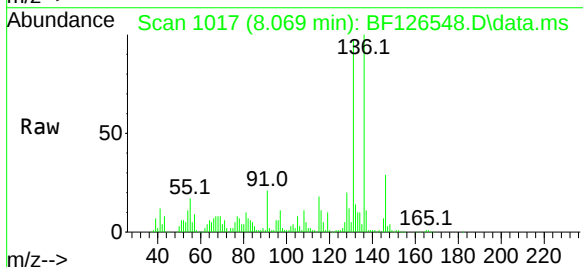
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

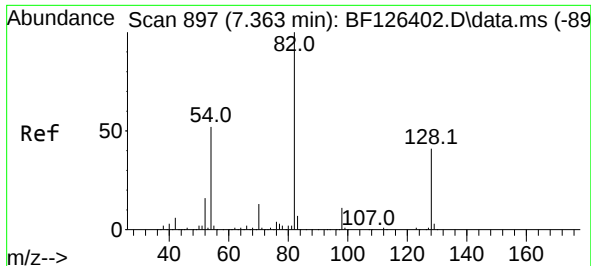
Tgt Ion: 99 Resp: 182039
Ion Ratio Lower Upper
99 100
42 24.7 14.2 21.4#
71 44.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

Tgt Ion: 136 Resp: 367340
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.9 7.8 11.6
68 8.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 17.068 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126548.D

Acq: 7 Jan 2022 18:07

Instrument :

BNA_F

ClientSampleId :

HSB-8-(10-10.5)

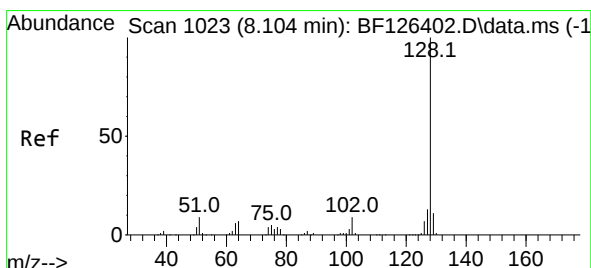
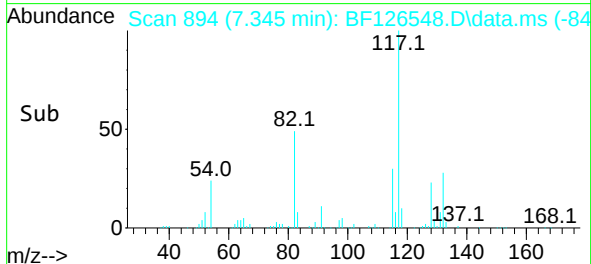
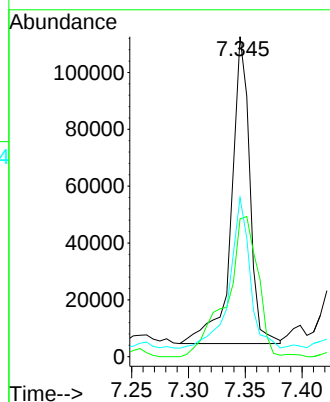
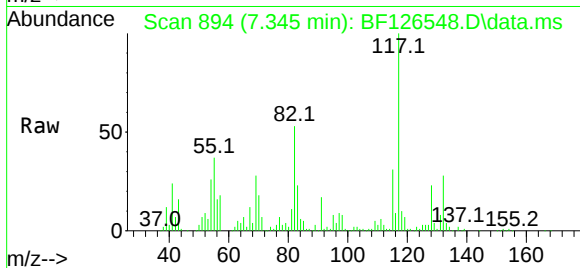
Tgt Ion: 82 Resp: 122109

Ion Ratio Lower Upper

82 100

128 43.1 32.7 49.1

54 49.7 41.7 62.5



#31

Naphthalene

Concen: 48.471 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF126548.D

Acq: 7 Jan 2022 18:07

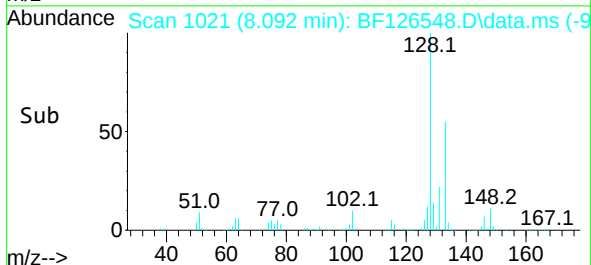
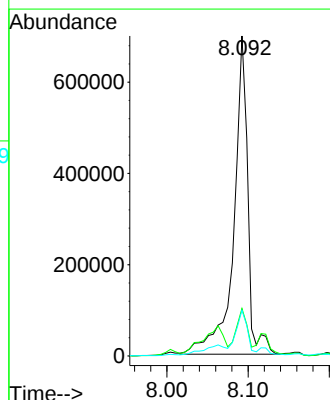
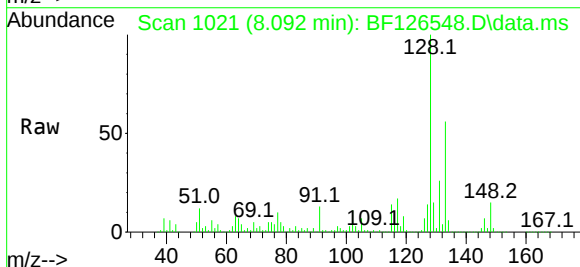
Tgt Ion:128 Resp: 840413

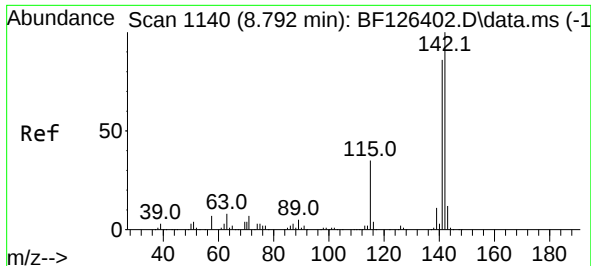
Ion Ratio Lower Upper

128 100

129 14.9 8.6 13.0#

127 14.3 10.3 15.5





#37

2-Methylnaphthalene

Concen: 144.943 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.012 min

Lab File: BF126548.D

Acq: 7 Jan 2022 18:07

Instrument :

BNA_F

ClientSampleId :

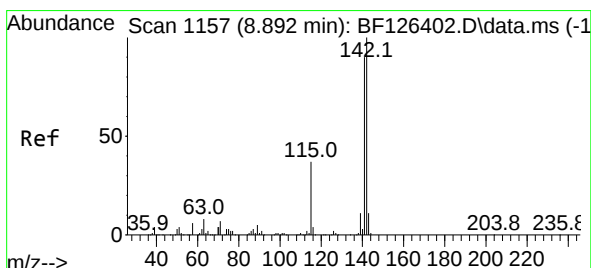
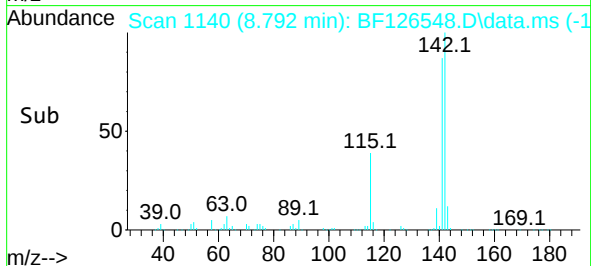
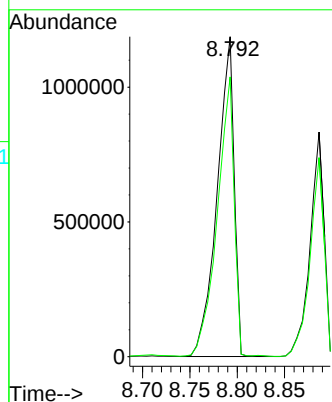
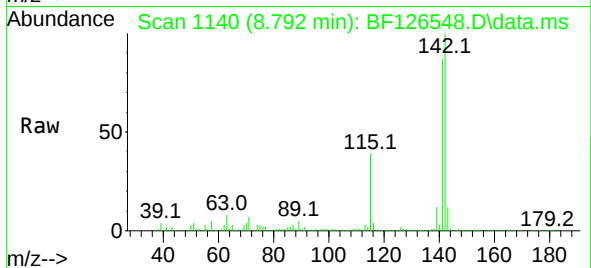
HSB-8-(10-10.5)

Tgt Ion:142 Resp: 1482501

Ion Ratio Lower Upper

142 100

141 87.5 68.6 102.8



#38

1-Methylnaphthalene

Concen: 86.842 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF126548.D

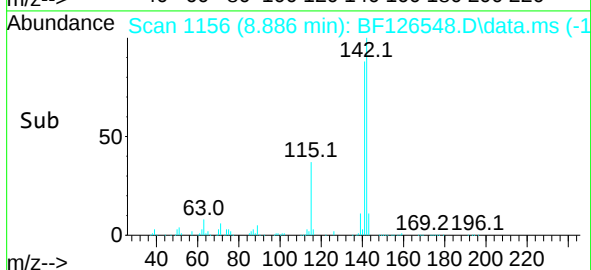
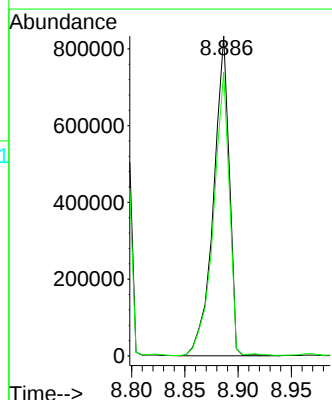
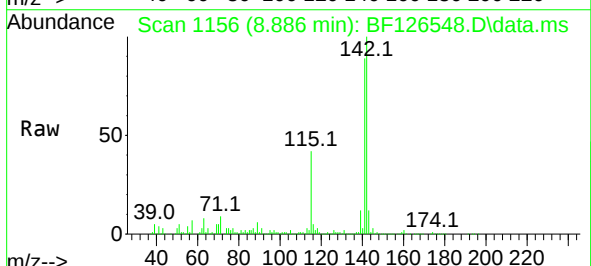
Acq: 7 Jan 2022 18:07

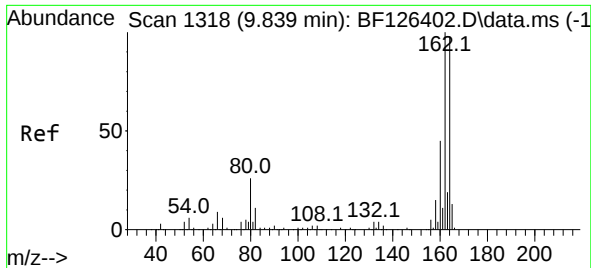
Tgt Ion:142 Resp: 858763

Ion Ratio Lower Upper

142 100

141 88.6 72.1 108.1

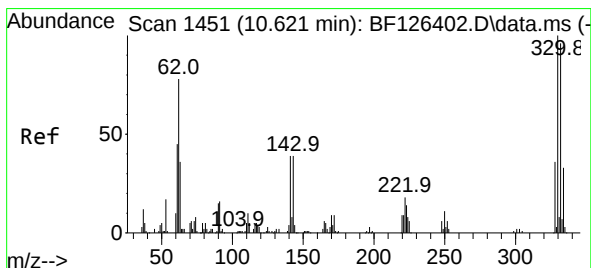
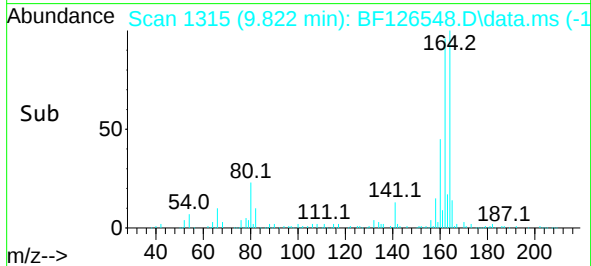
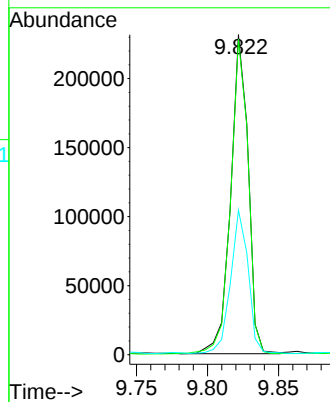
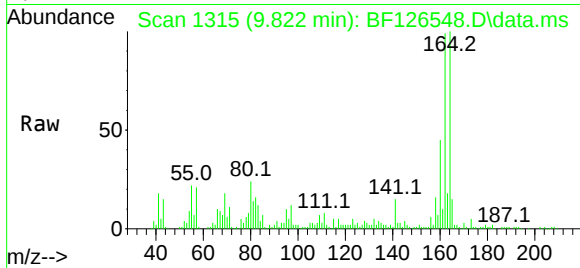




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

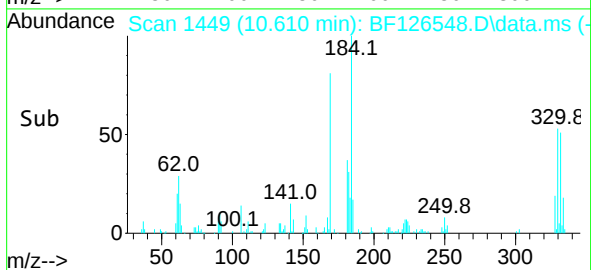
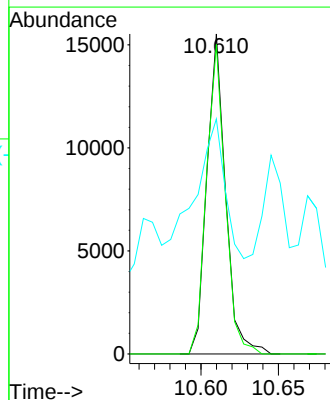
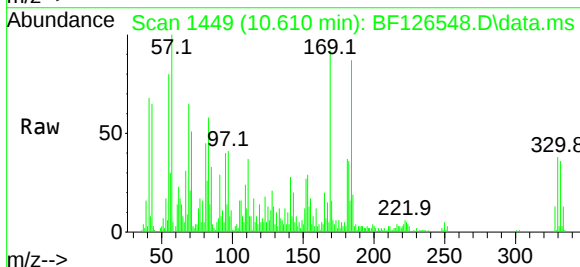
Instrument :
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HSB-8-(10-10.5)

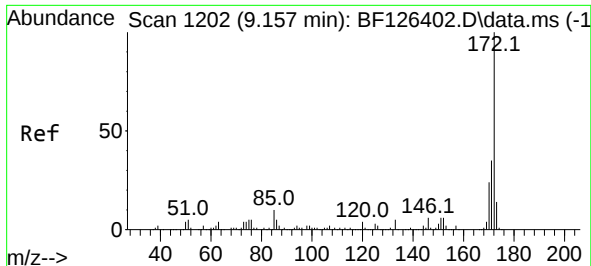
Tgt Ion:164 Resp: 197874
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 8.499 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

Tgt Ion:330 Resp: 12995
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 67.0 30.1 45.1#





#45

2-Fluorobiphenyl

Concen: 16.671 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126548.D

Acq: 7 Jan 2022 18:07

Instrument :

BNA_F

ClientSampleId :

HSB-8-(10-10.5)

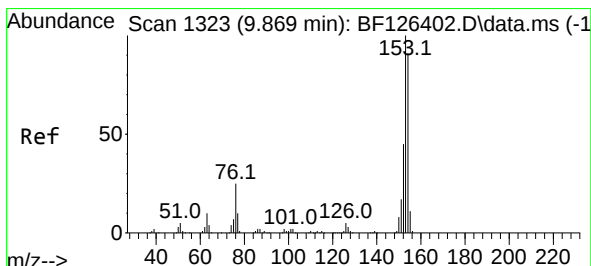
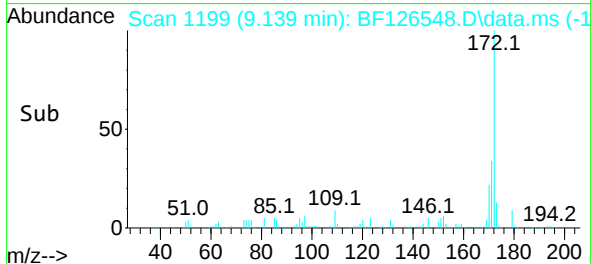
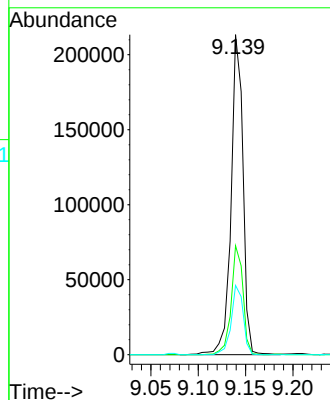
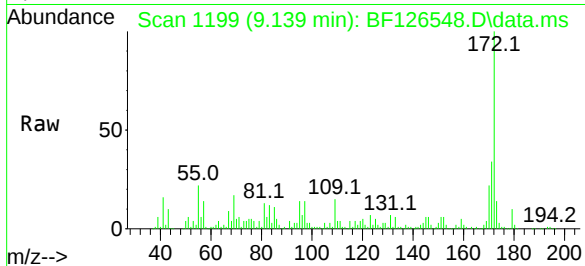
Tgt Ion:172 Resp: 187457

Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

170 21.7 19.0 28.6



#52

Acenaphthene

Concen: 3.656 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF126548.D

Acq: 7 Jan 2022 18:07

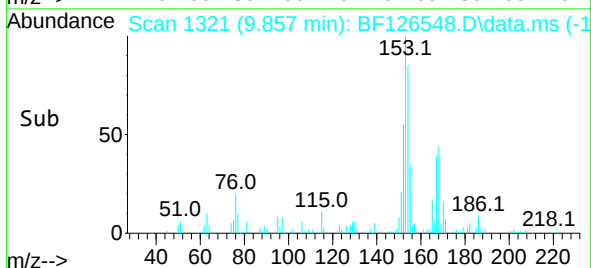
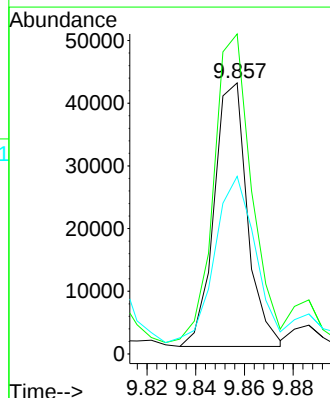
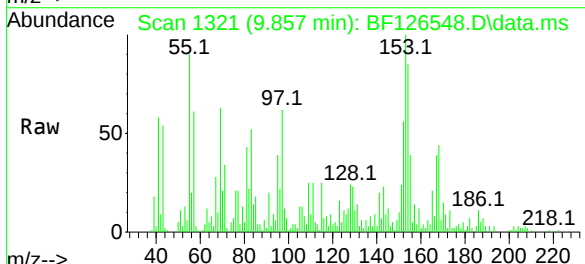
Tgt Ion:154 Resp: 39960

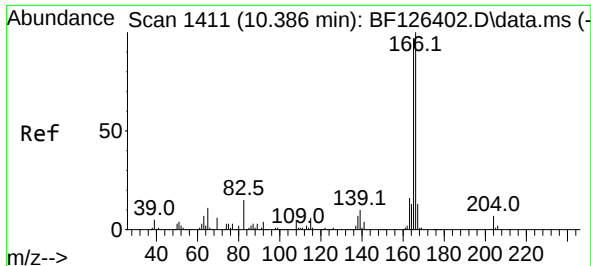
Ion Ratio Lower Upper

154 100

153 118.0 87.8 131.6

152 65.5 39.4 59.2#

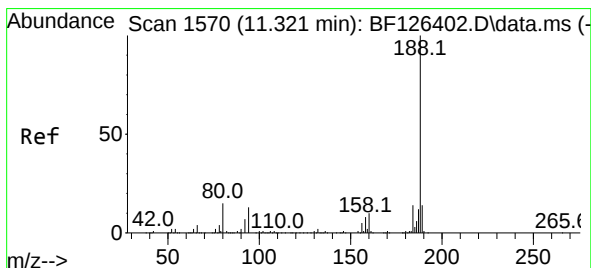
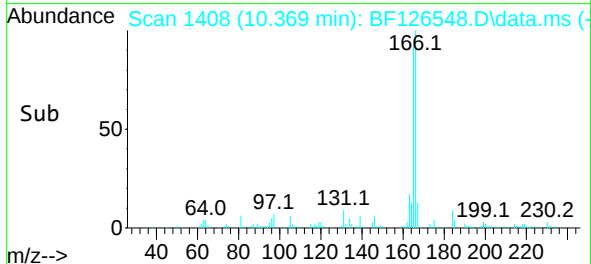
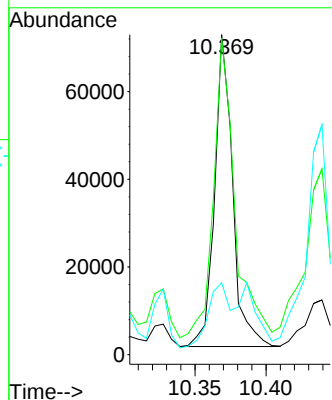
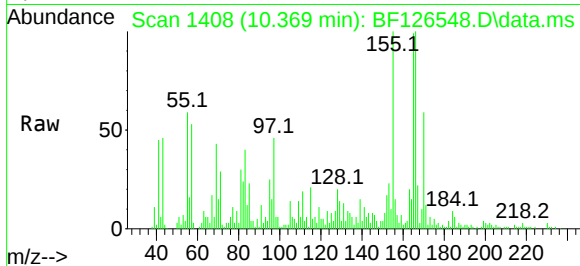




#58
Fluorene
Concen: 5.981 ng
RT: 10.369 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

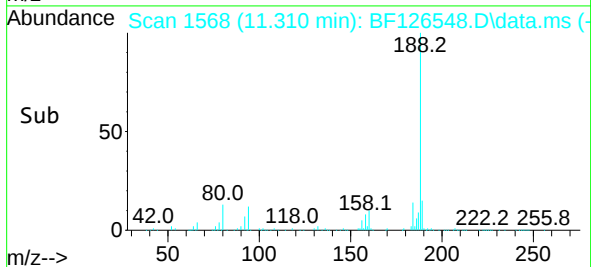
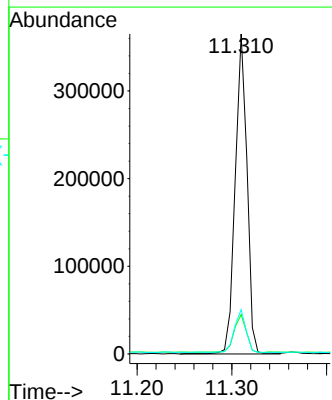
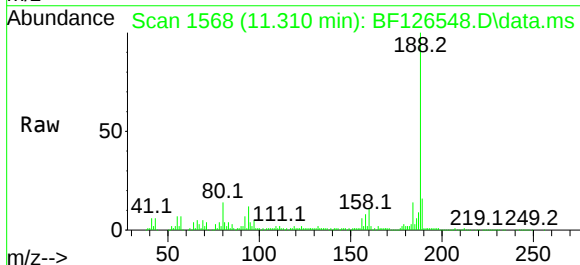
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

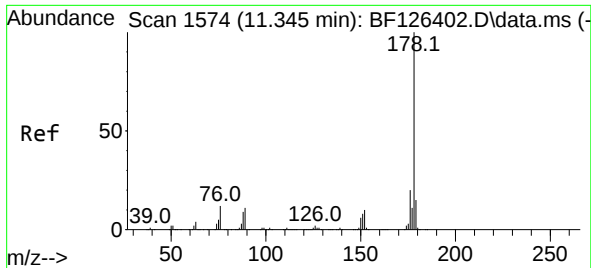
Tgt Ion:166 Resp: 62482
Ion Ratio Lower Upper
166 100
165 99.0 77.7 116.5
167 22.5 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

Tgt Ion:188 Resp: 315485
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 13.8 11.8 17.6

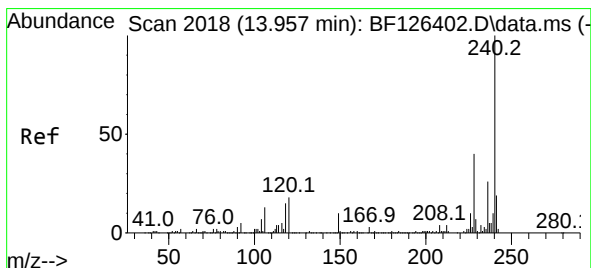
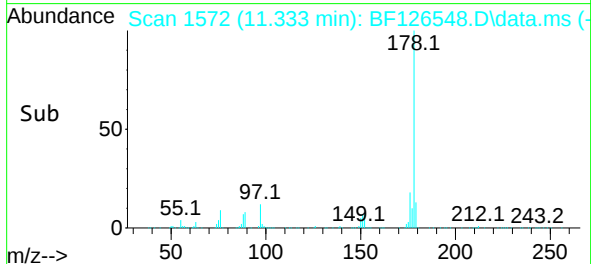
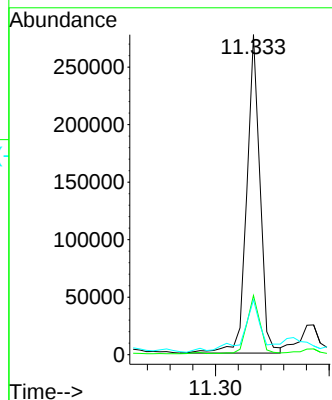
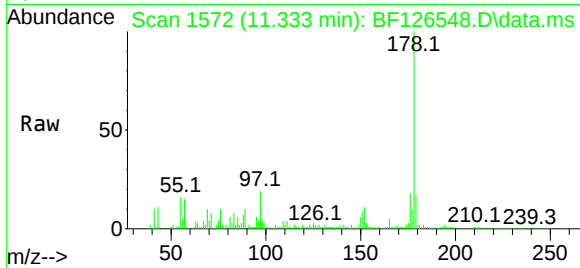




#71
Phenanthrene
Concen: 13.946 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

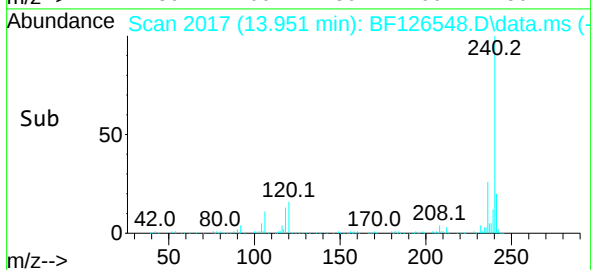
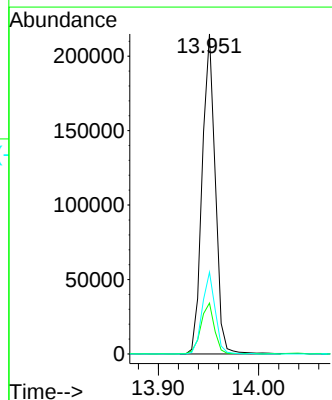
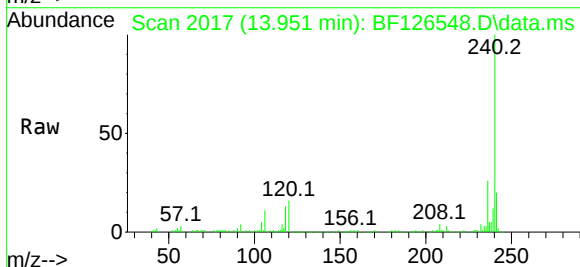
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

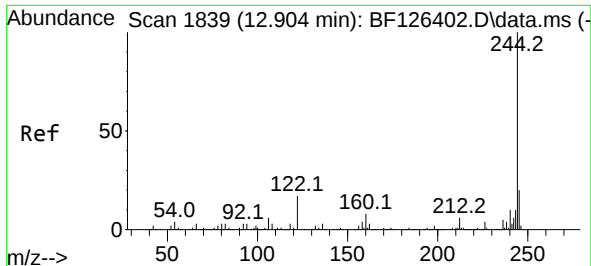
Tgt Ion:178 Resp: 224933
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 17.1 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126548.D
Acq: 7 Jan 2022 18:07

Tgt Ion:240 Resp: 196016
Ion Ratio Lower Upper
240 100
120 15.9 14.4 21.6
236 25.5 20.5 30.7

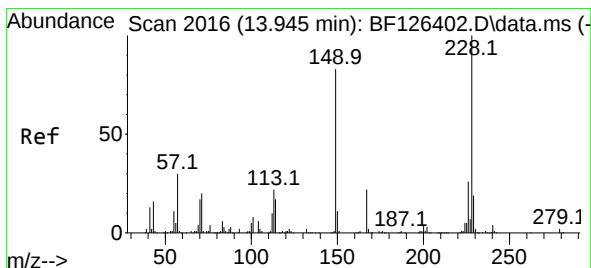
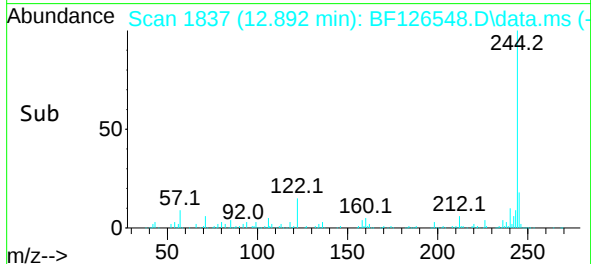
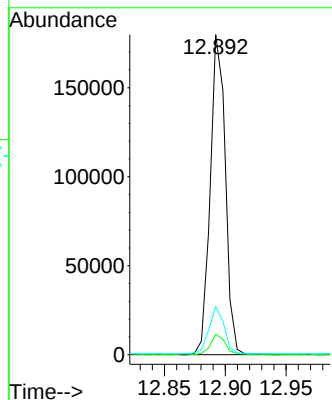
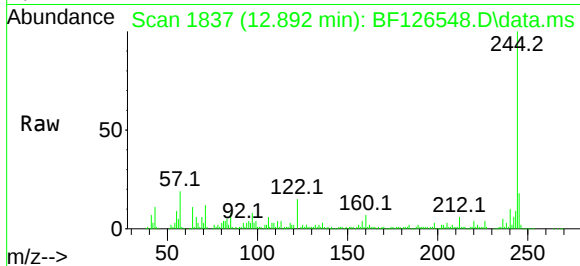




#79
 Terphenyl-d14
 Concen: 15.432 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126548.D
 Acq: 7 Jan 2022 18:07

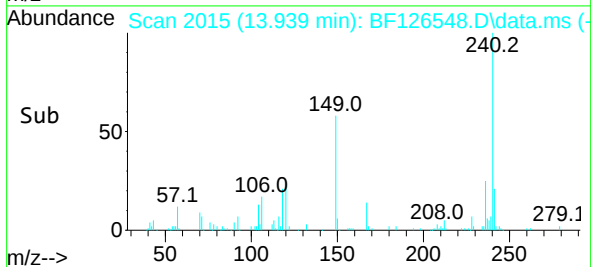
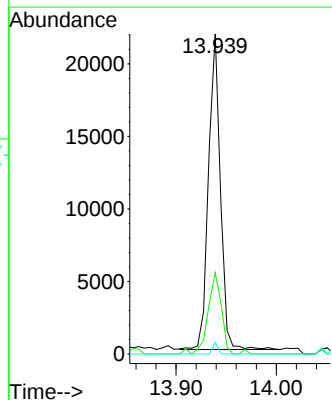
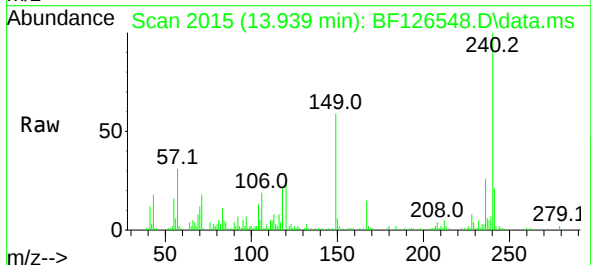
Instrument :
 BNA_F
 ClientSampleId :
 HSB-8-(10-10.5)

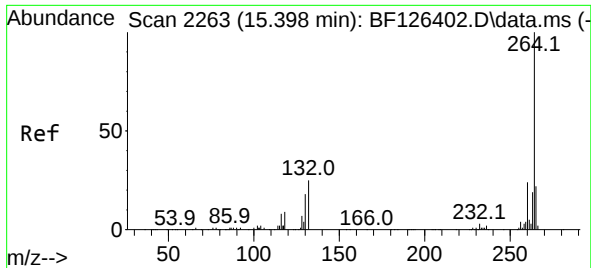
Tgt Ion:244 Resp: 155688
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 15.0 13.3 19.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.368 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. 0.006 min
 Lab File: BF126548.D
 Acq: 7 Jan 2022 18:07

Tgt Ion:149 Resp: 18012
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.2
 279 3.7 2.4 3.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF126548.D

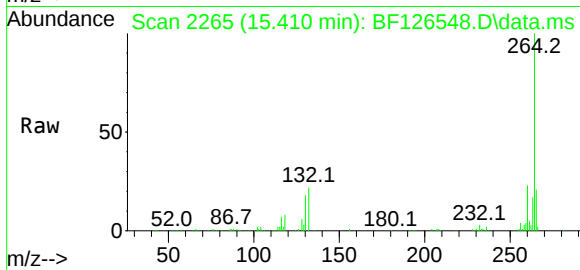
Acq: 7 Jan 2022 18:07

Instrument :

BNA_F

ClientSampleId :

HSB-8-(10-10.5)



Tgt Ion:264 Resp: 175955

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.5 17.4 26.2

