

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126523.D
 Acq On : 6 Jan 2022 17:37
 Operator : JU/CG
 Sample : M5011-11 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSB-5-(11.5-12)

Quant Time: Jan 07 08:33:15 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)

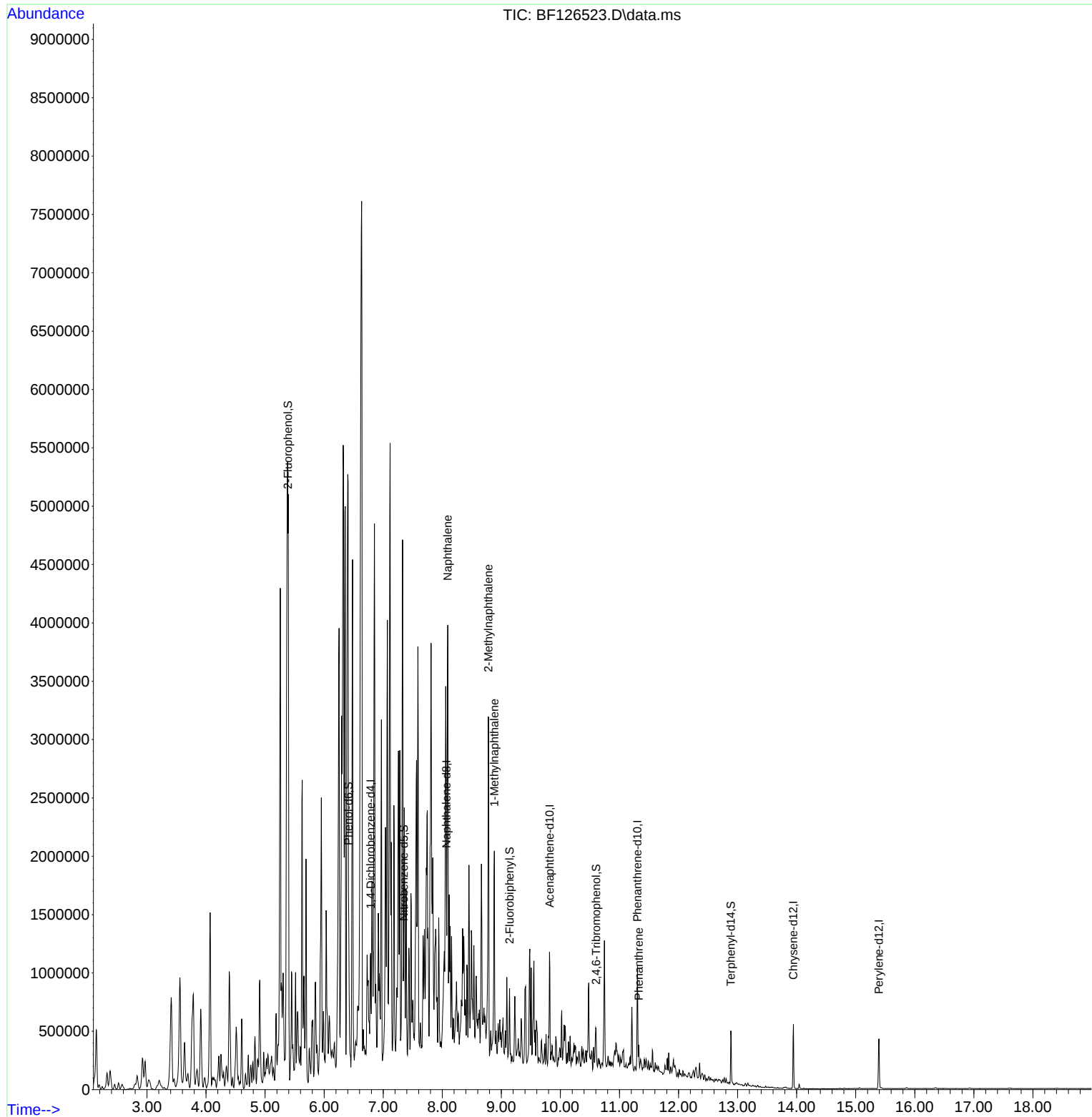
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97882	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	336329	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	186800	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	294699	20.000	ng	0.00
76) Chrysene-d12	13.945	240	175888	20.000	ng	0.00
86) Perylene-d12	15.392	264	172386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	82622	12.122	ng	0.00
7) Phenol-d6	6.410	99	169840	19.238	ng	-0.01
23) Nitrobenzene-d5	7.345	82	107156	16.359	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	27101	18.775	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	171937	16.197	ng	-0.01
79) Terphenyl-d14	12.886	244	134644	14.873	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.092	128	1358849	85.598	ng	97
37) 2-Methylnaphthalene	8.781	142	894711	95.541	ng	99
38) 1-Methylnaphthalene	8.881	142	458600	50.652	ng	99
71) Phenanthrene	11.328	178	63849	4.238	ng	98

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

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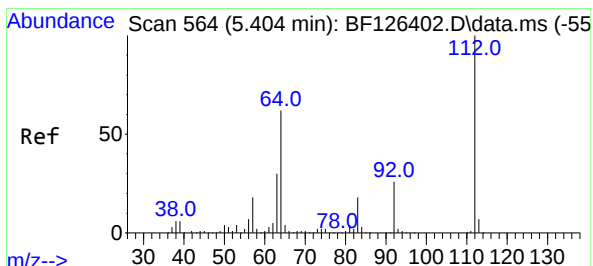
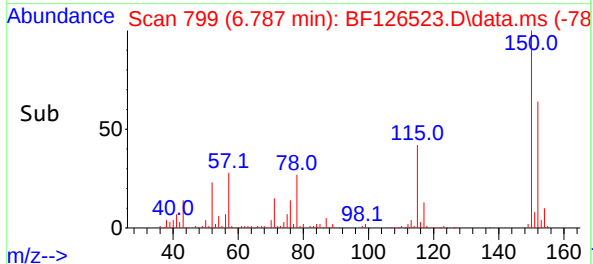
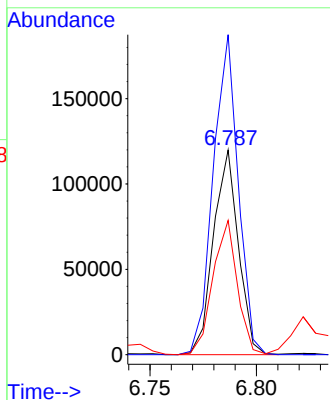
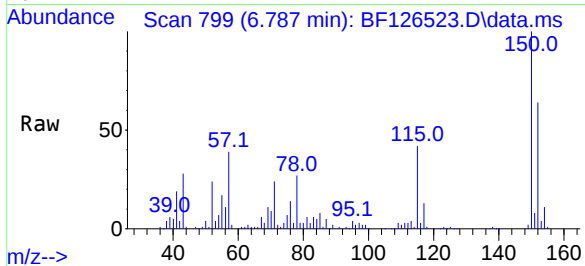




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

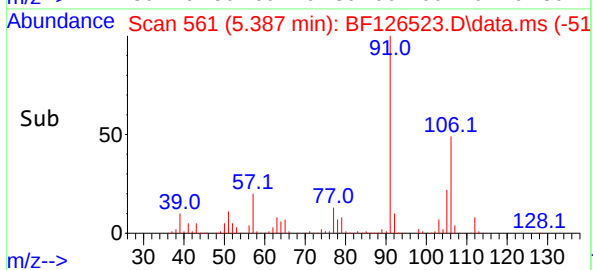
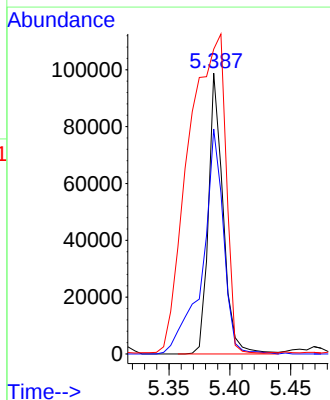
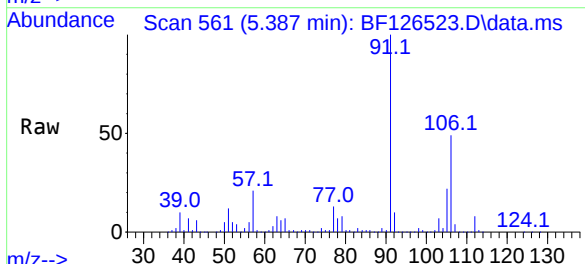
Instrument :
BNA_F
ClientSampleId :
HSB-5-(11.5-12)

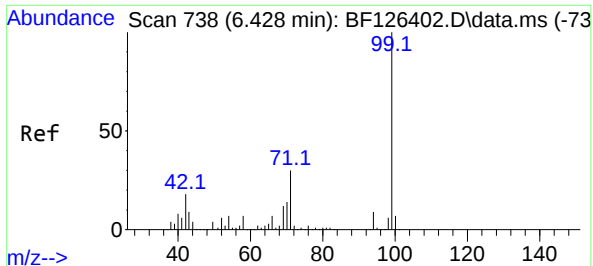
Tgt Ion:152 Resp: 97882
Ion Ratio Lower Upper
152 100
150 156.3 128.1 192.1
115 65.6 56.7 85.1



#5
2-Fluorophenol
Concen: 12.122 ng
RT: 5.387 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

Tgt Ion:112 Resp: 82622
Ion Ratio Lower Upper
112 100
64 80.1 49.5 74.3#
63 108.5 23.9 35.9#

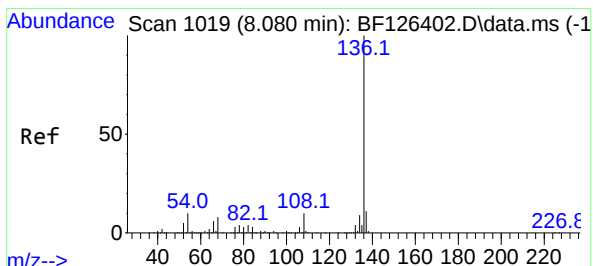
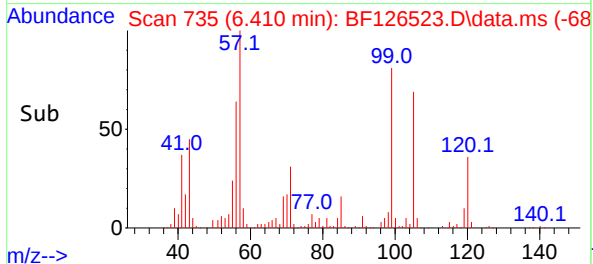
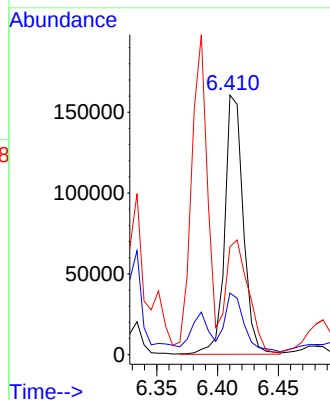
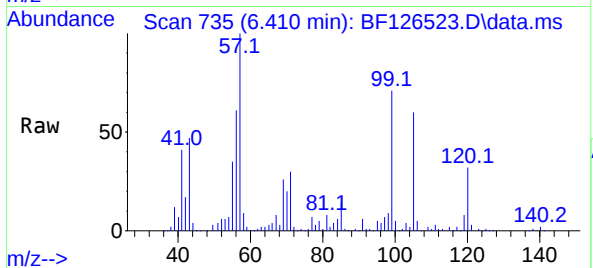




#7
Phenol-d6
Concen: 19.238 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

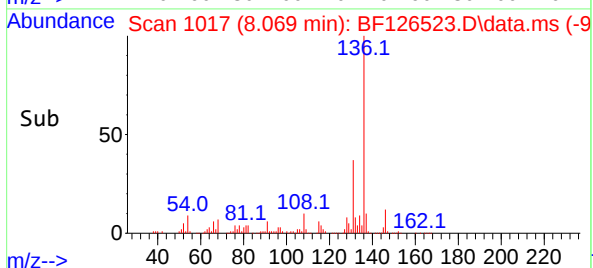
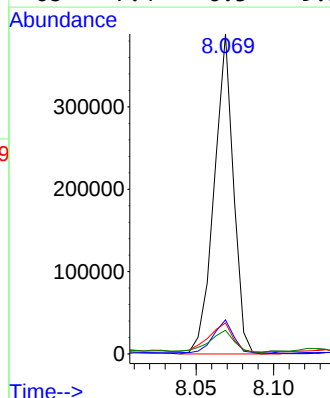
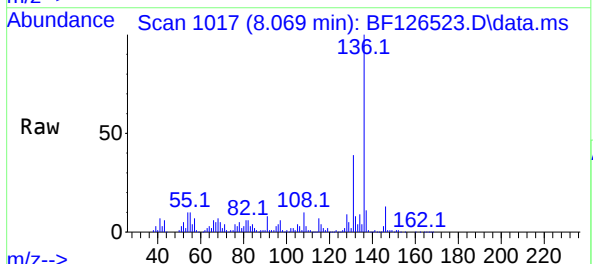
Instrument :
BNA_F
ClientSampleId :
HSB-5-(11.5-12)

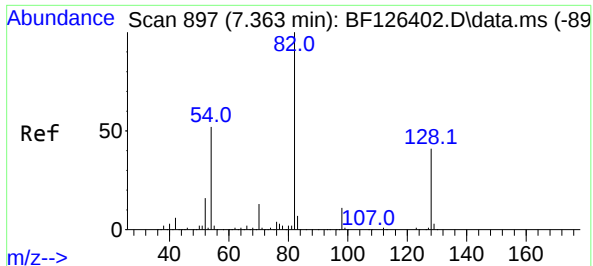
Tgt Ion: 99 Resp: 169840
Ion Ratio Lower Upper
99 100
42 23.7 14.2 21.4#
71 41.6 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

Tgt Ion:136 Resp: 336329
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 7.8 11.6
68 7.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 16.359 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126523.D

Acq: 6 Jan 2022 17:37

Instrument :

BNA_F

ClientSampleId :

HSB-5-(11.5-12)

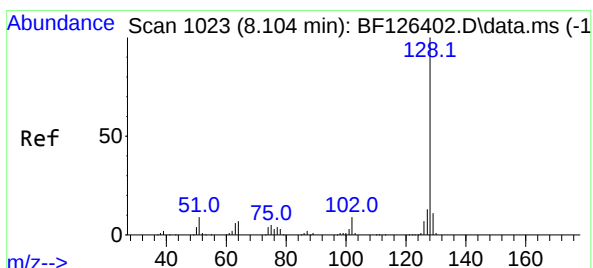
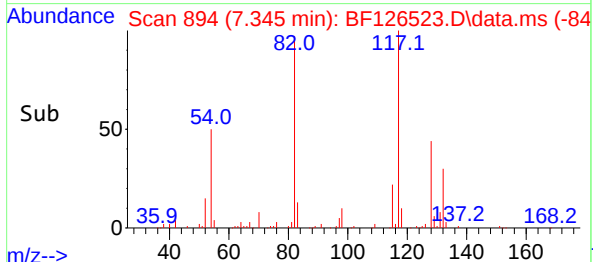
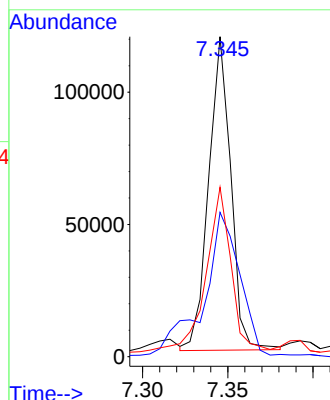
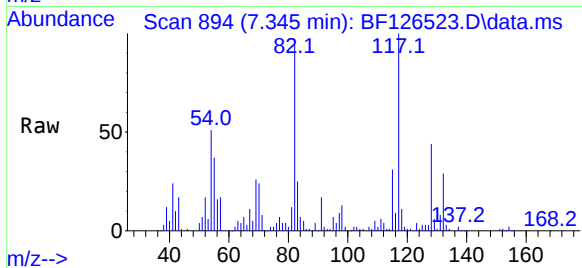
Tgt Ion: 82 Resp: 107156

Ion Ratio Lower Upper

82 100

128 45.1 32.7 49.1

54 53.0 41.7 62.5



#31

Naphthalene

Concen: 85.598 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF126523.D

Acq: 6 Jan 2022 17:37

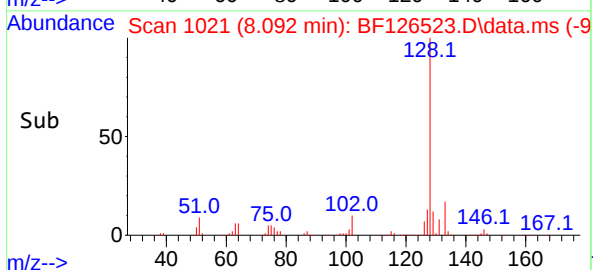
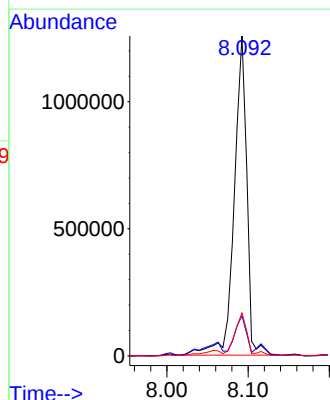
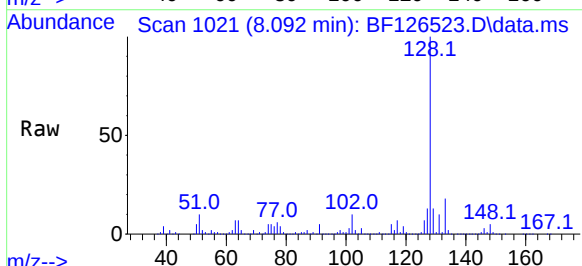
Tgt Ion:128 Resp: 1358849

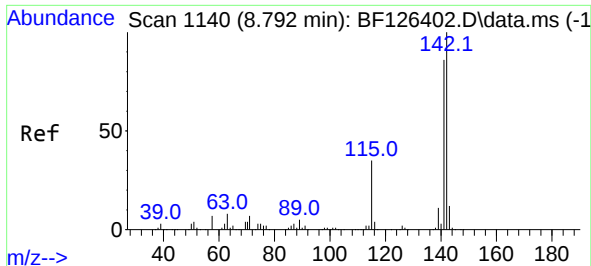
Ion Ratio Lower Upper

128 100

129 12.6 8.6 13.0

127 13.5 10.3 15.5





#37

2-Methylnaphthalene

Concen: 95.541 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF126523.D

Acq: 6 Jan 2022 17:37

Instrument :

BNA_F

ClientSampleId :

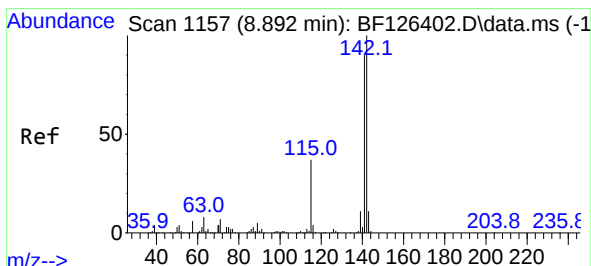
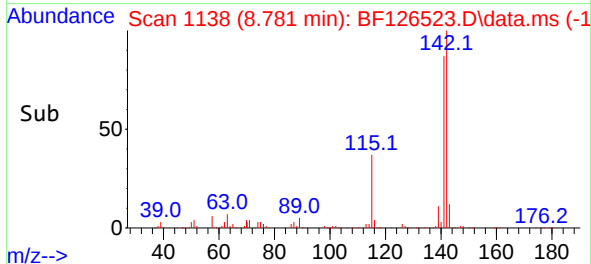
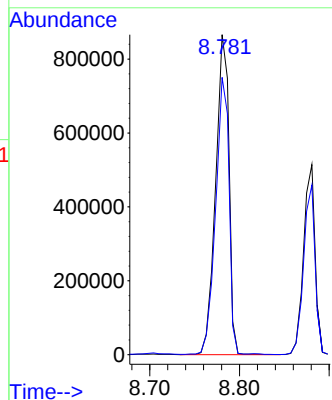
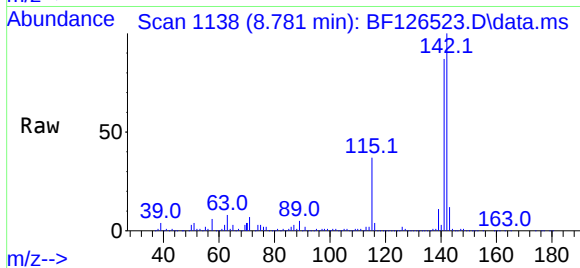
HSB-5-(11.5-12)

Tgt Ion:142 Resp: 894711

Ion Ratio Lower Upper

142 100

141 86.6 68.6 102.8



#38

1-Methylnaphthalene

Concen: 50.652 ng

RT: 8.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF126523.D

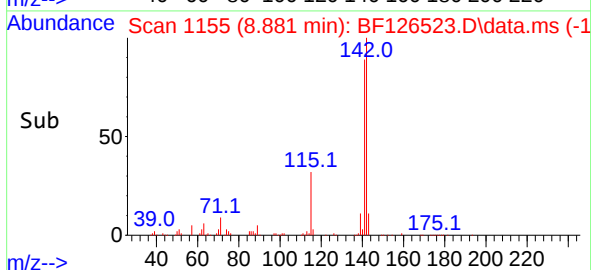
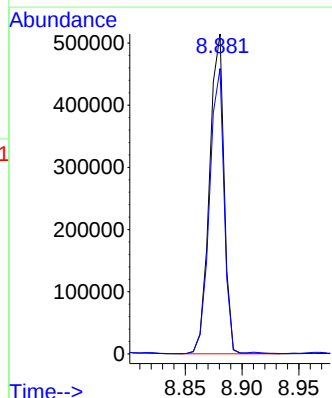
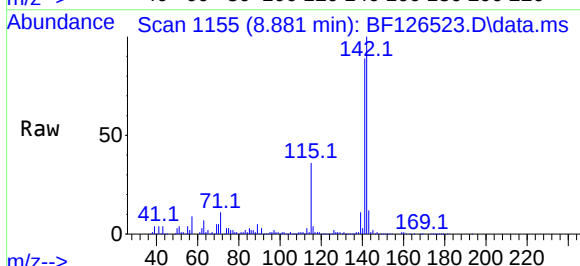
Acq: 6 Jan 2022 17:37

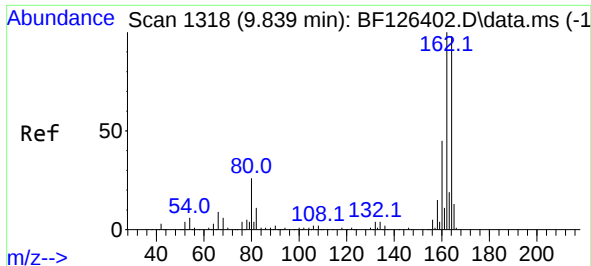
Tgt Ion:142 Resp: 458600

Ion Ratio Lower Upper

142 100

141 89.2 72.1 108.1

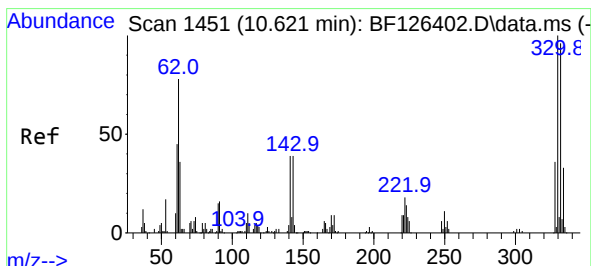
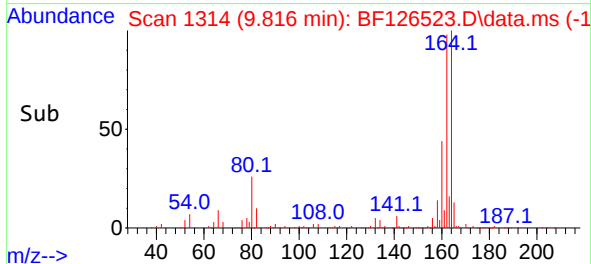
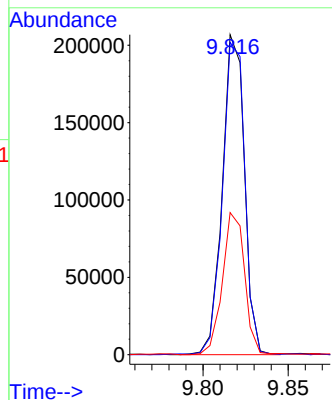
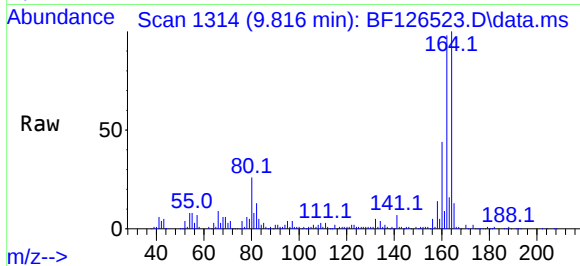




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

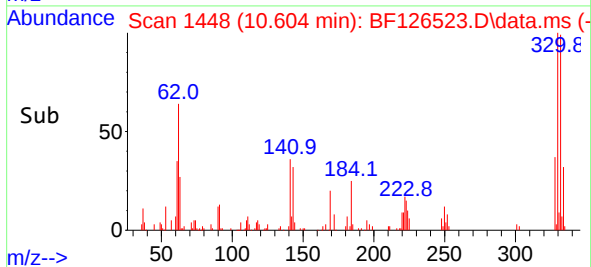
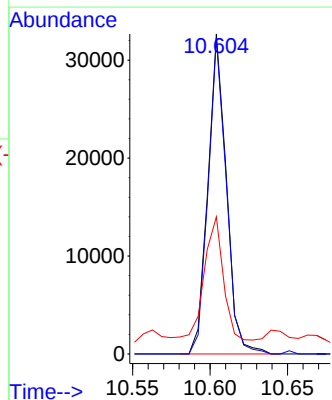
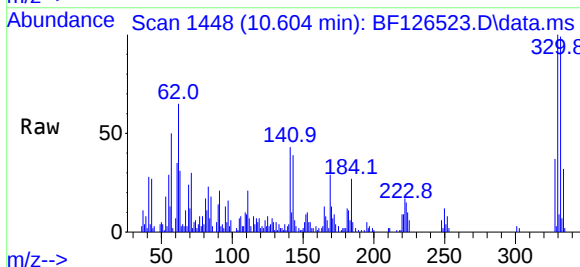
Instrument :
BNA_F
ClientSampleId :
HSB-5-(11.5-12)

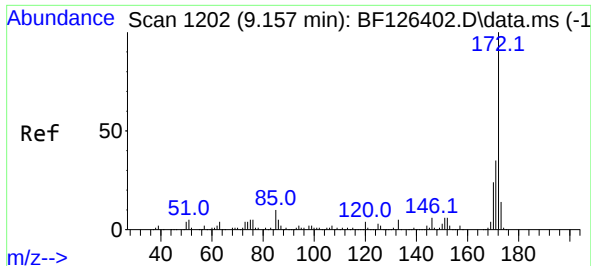
Tgt Ion:164 Resp: 186800
Ion Ratio Lower Upper
164 100
162 97.6 81.4 122.0
160 44.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 18.775 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

Tgt Ion:330 Resp: 27101
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 39.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 16.197 ng

RT: 9.139 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF126523.D

Acq: 6 Jan 2022 17:37

Instrument :

BNA_F

ClientSampleId :

HSB-5-(11.5-12)

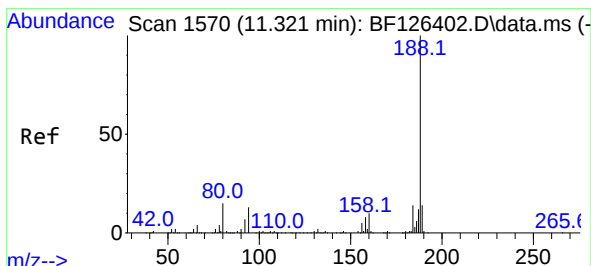
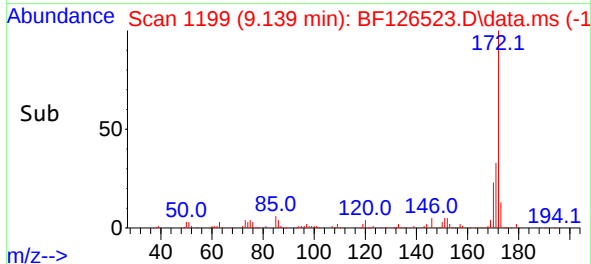
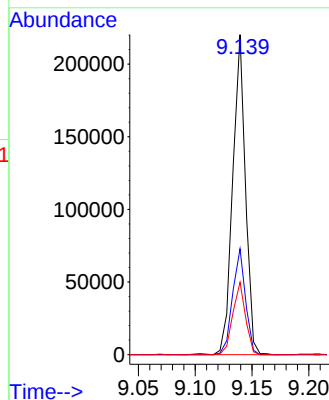
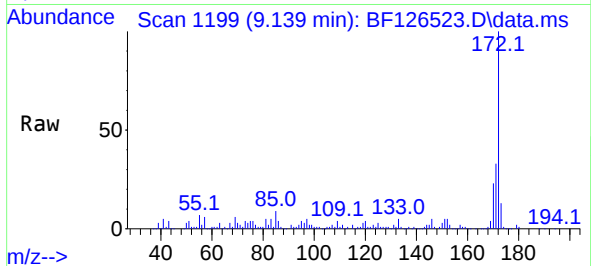
Tgt Ion:172 Resp: 171937

Ion Ratio Lower Upper

172 100

171 33.1 28.3 42.5

170 22.7 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF126523.D

Acq: 6 Jan 2022 17:37

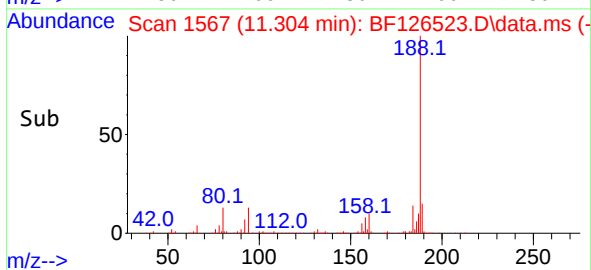
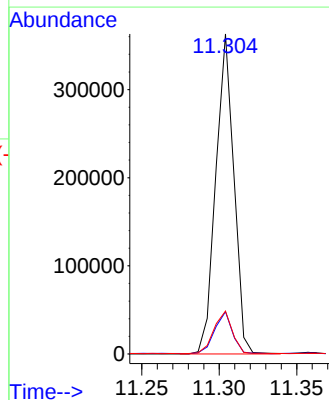
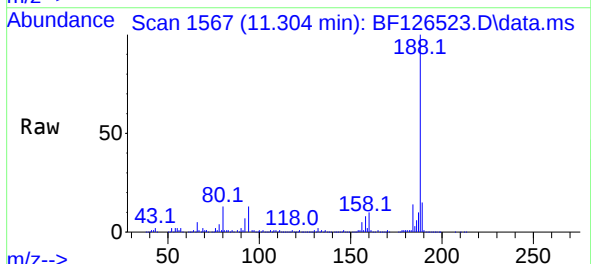
Tgt Ion:188 Resp: 294699

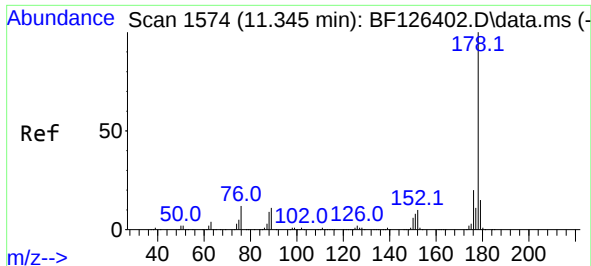
Ion Ratio Lower Upper

188 100

94 13.2 10.1 15.1

80 13.4 11.8 17.6

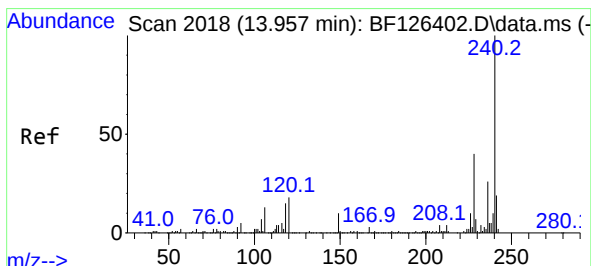
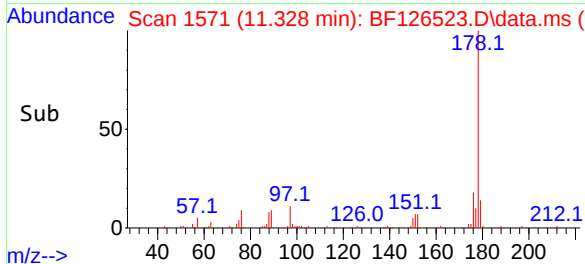
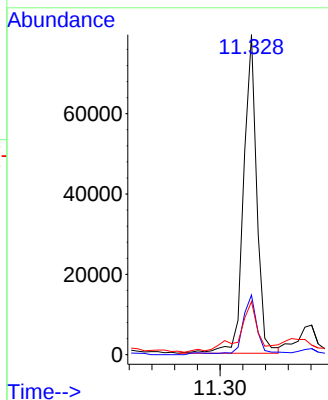
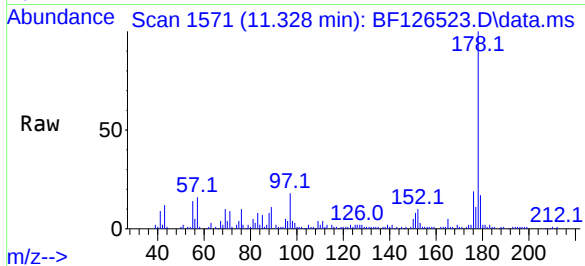




#71
Phenanthrene
Concen: 4.238 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

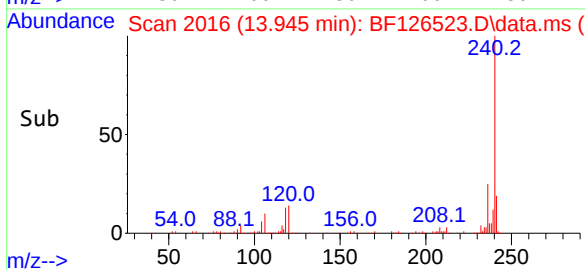
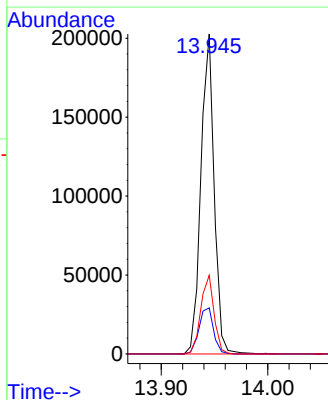
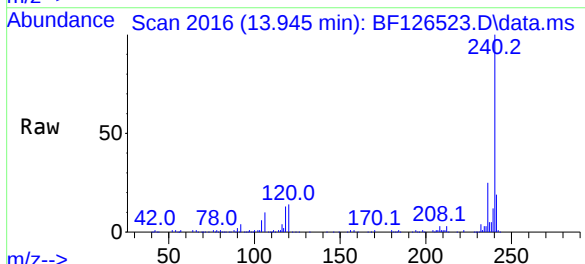
Instrument :
BNA_F
ClientSampleId :
HSB-5-(11.5-12)

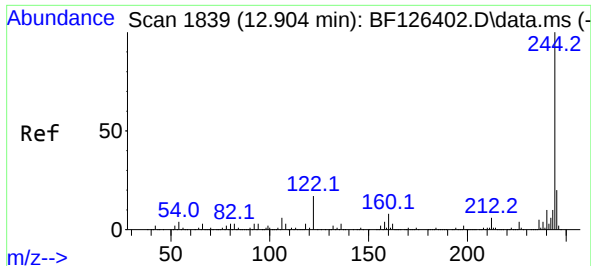
Tgt Ion:178 Resp: 63849
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 16.6 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126523.D
Acq: 6 Jan 2022 17:37

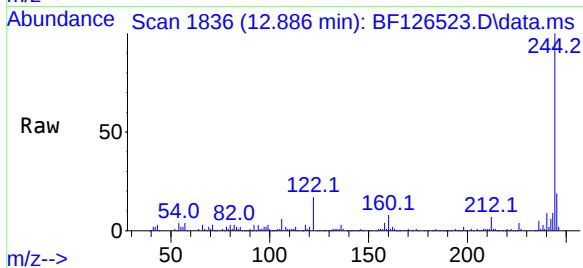
Tgt Ion:240 Resp: 175888
Ion Ratio Lower Upper
240 100
120 14.4 14.4 21.6
236 24.6 20.5 30.7



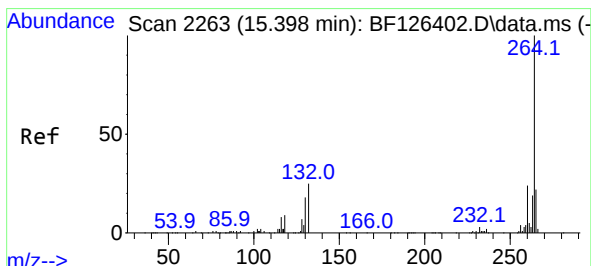
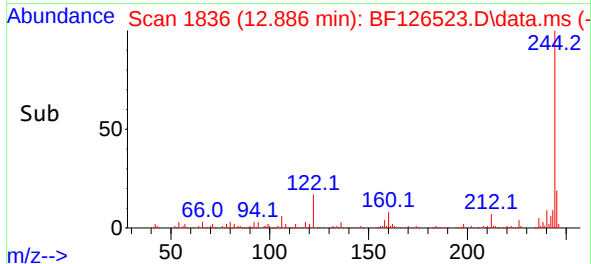
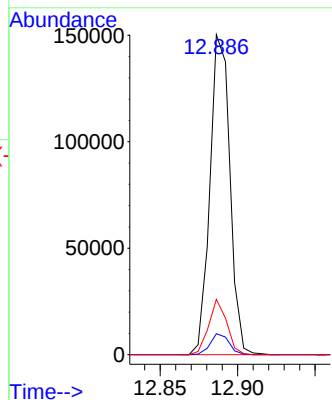


#79
 Terphenyl-d14
 Concen: 14.873 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF126523.D
 Acq: 6 Jan 2022 17:37

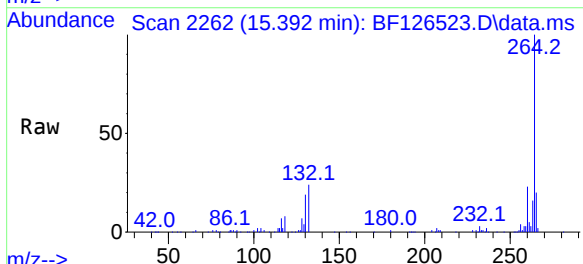
Instrument :
 BNA_F
 ClientSampleId :
 HSB-5-(11.5-12)



Tgt Ion:244 Resp: 134644
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 17.3 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF126523.D
 Acq: 6 Jan 2022 17:37



Tgt Ion:264 Resp: 172386
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.5 17.4 26.2

