

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126525.D
 Acq On : 6 Jan 2022 18:31
 Operator : JU/CG
 Sample : M5011-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/07/2022
 Supervised By : Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 08:33:38 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	6.798	152	58657	20.000	ng	0.01
21) Naphthalene-d8	8.087	136	148667	20.000	ng	# 0.02
39) Acenaphthene-d10	9.833	164	92821	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	137275	20.000	ng	0.00
76) Chrysene-d12	13.951	240	138968	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	158850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	300125	73.478	ng	0.00
7) Phenol-d6	6.422	99	450903	85.231	ng	0.00
23) Nitrobenzene-d5	7.375	82	229645	79.314	ng	0.02
42) 2,4,6-Tribromophenol	10.622	330	39075	54.477	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	466776	88.493	ng	0.00
79) Terphenyl-d14	12.904	244	367177	51.336	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.116	128	1970024	280.747	ng	# 93
37) 2-Methylnaphthalene	8.822	142	3516108	849.413	ng	98
38) 1-Methylnaphthalene	8.910	142	2018173	504.274	ng	100
46) 1,1'-Biphenyl	9.251	154	19768	2.904	ng	92
52) Acenaphthene	9.863	154	99236	19.355	ng	# 89
58) Fluorene	10.381	166	142186	29.014	ng	# 93
71) Phenanthrene	11.345	178	483442	68.884	ng	97
72) Anthracene	11.392	178	75495m	10.751	ng	
74) Di-n-butylphthalate	11.880	149	17960	2.294	ng	# 73
75) Fluoranthene	12.545	202	23273	3.633	ng	70
78) Pyrene	12.757	202	74136	6.313	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.933	149	58269	10.804	ng	96

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

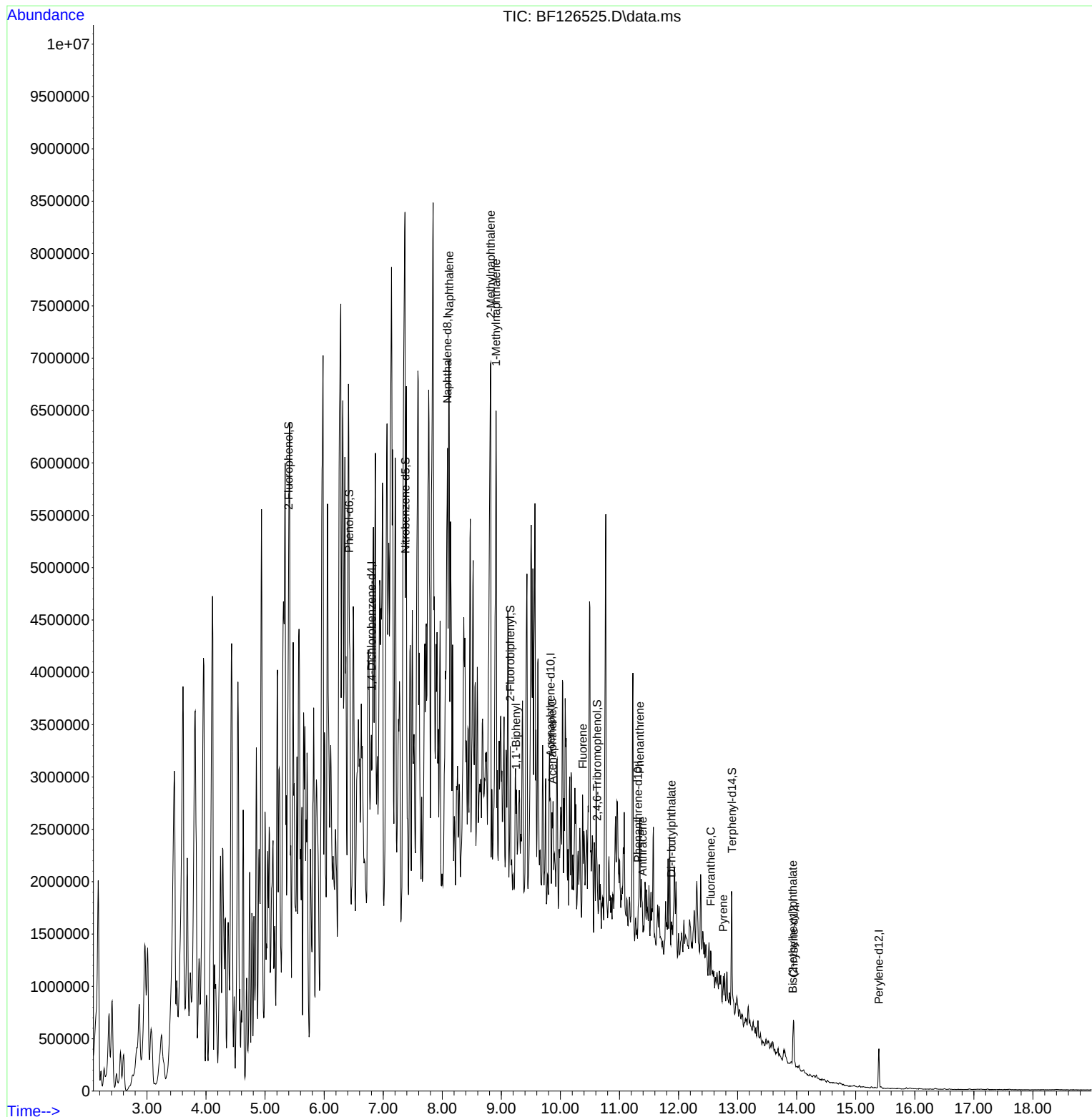
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126525.D
Acq On : 6 Jan 2022 18:31
Operator : JU/CG
Sample : M5011-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

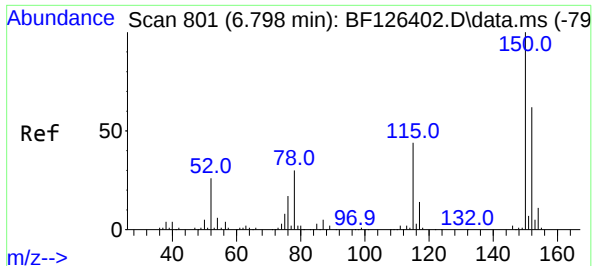
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Quant Time: Jan 07 08:33:38 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

Manual Integrations
APPROVED

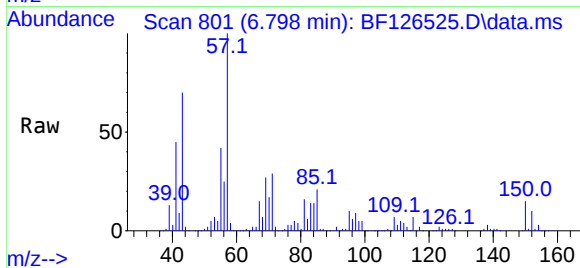
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

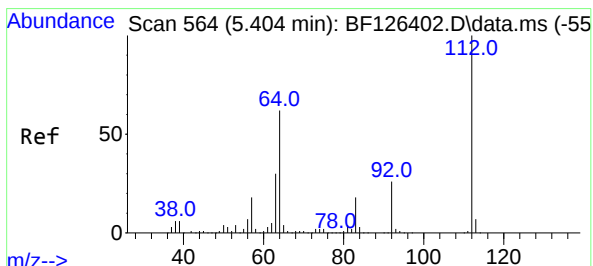
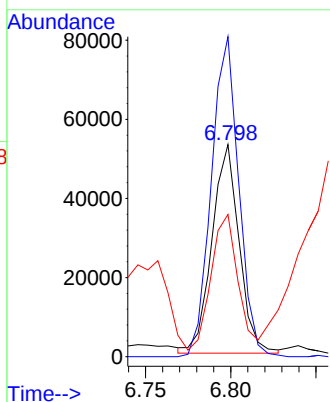
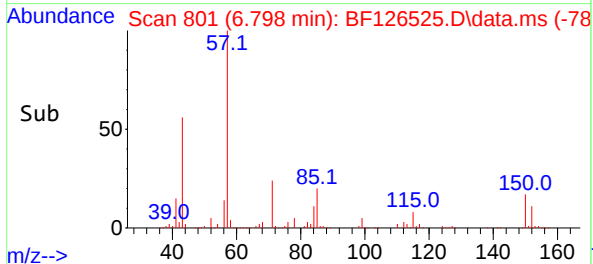
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



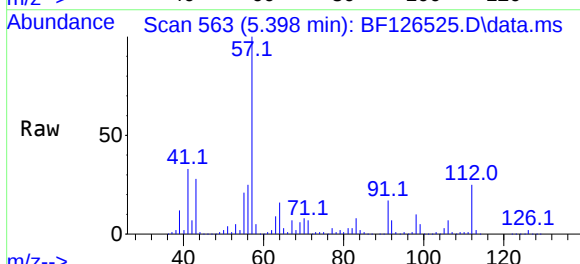
Tgt Ion:152 Resp: 5865
Ion Ratio Lower Upper
152 100
150 150.8 128.1 192.1
115 67.0 56.7 85.1

Manual Integrations
APPROVED

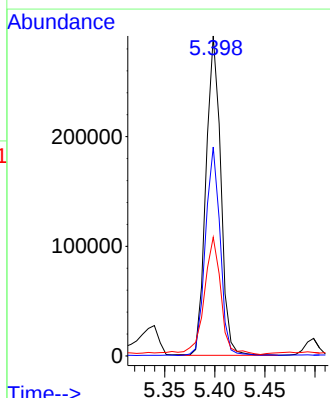
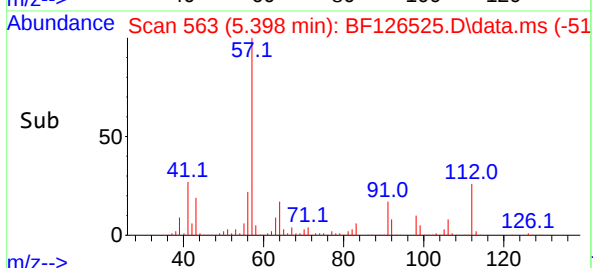
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

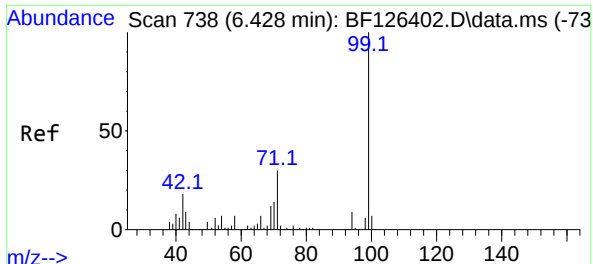


#5
2-Fluorophenol
Concen: 73.478 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



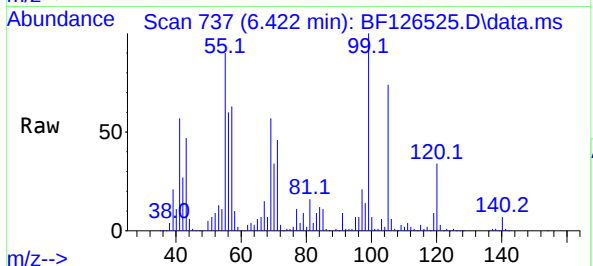
Tgt Ion:112 Resp: 300125
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 37.1 23.9 35.9#





#7
Phenol-d6
Concen: 85.231 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

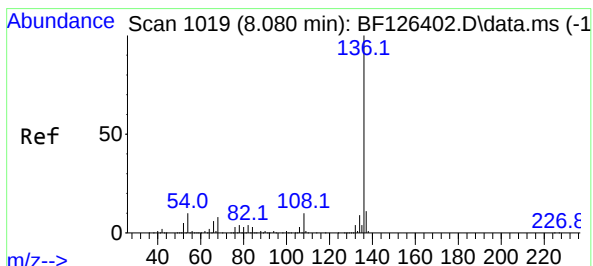
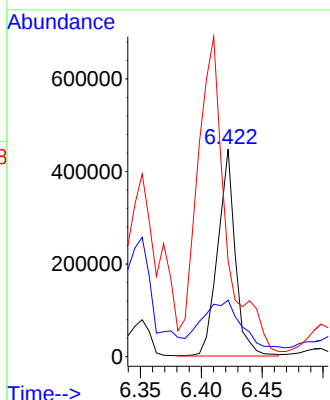
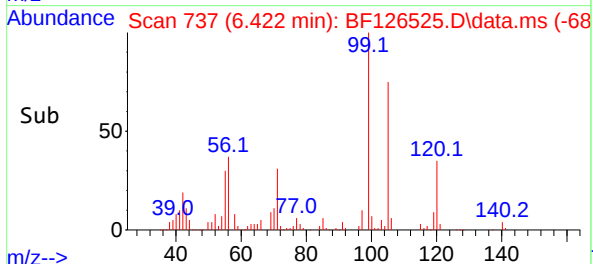
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



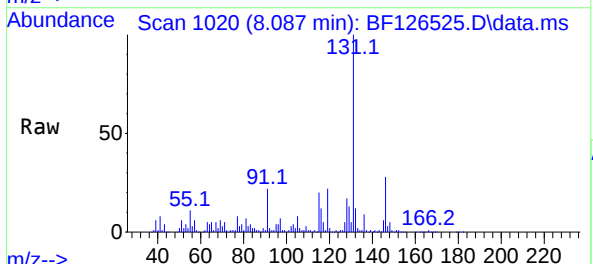
Tgt Ion: 99 Resp: 45090
Ion Ratio Lower Upper
99 100
42 27.2 14.2 21.4#
71 46.1 24.3 36.5#

Manual Integrations
APPROVED

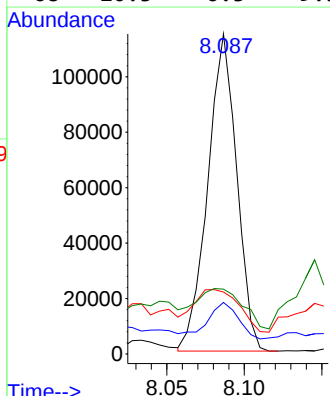
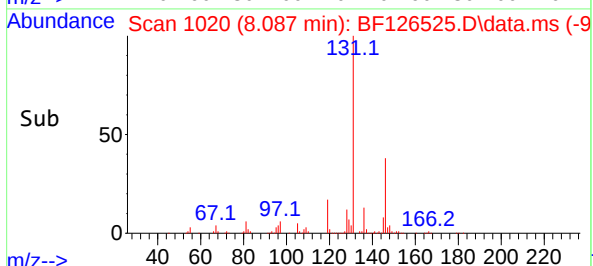
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

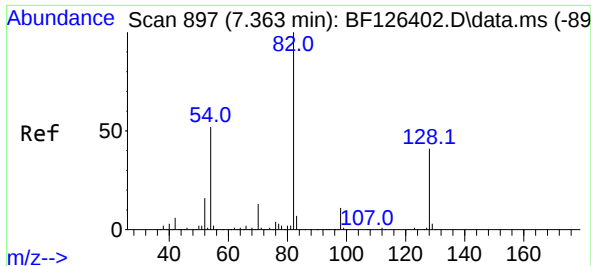


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



Tgt Ion:136 Resp: 148667
Ion Ratio Lower Upper
136 100
137 16.1 8.6 13.0#
54 19.4 7.8 11.6#
68 20.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 79.314 ng

RT: 7.375 min Scan# 89

Delta R.T. 0.024 min

Lab File: BF126525.D

Acq: 6 Jan 2022 18:31

Instrument :

BNA_F

ClientSampleId :

HSB-8-(10-10.5)

Tgt Ion: 82 Resp: 22964

Ion Ratio Lower Upper

82 100

128 46.4 32.7 49.1

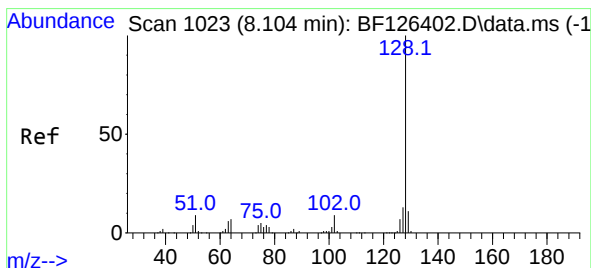
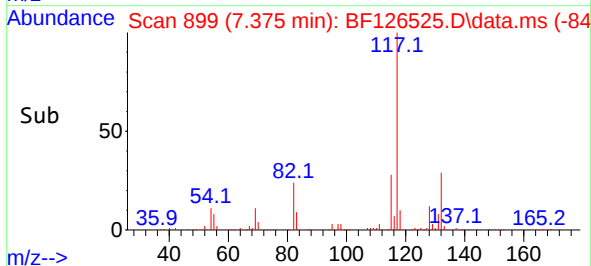
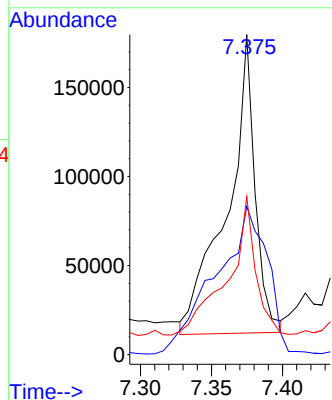
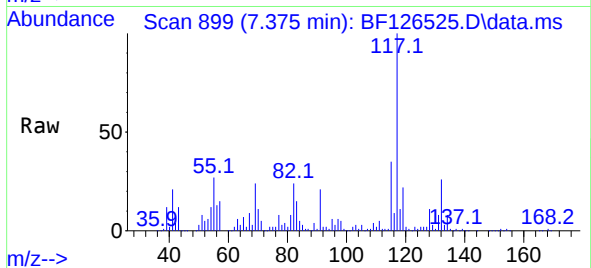
54 49.3 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/07/2022

Supervised By :Jagrut Upadhyay 01/07/2022



#31

Naphthalene

Concen: 280.747 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.024 min

Lab File: BF126525.D

Acq: 6 Jan 2022 18:31

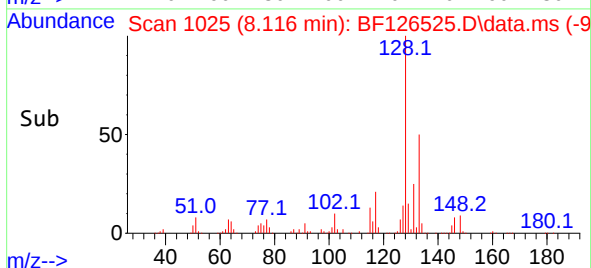
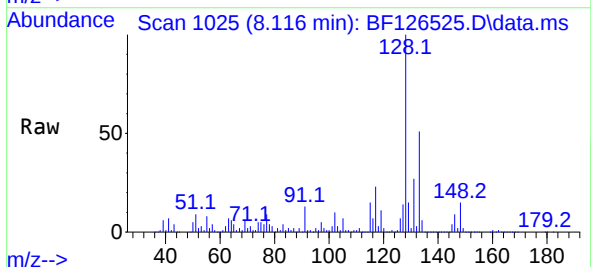
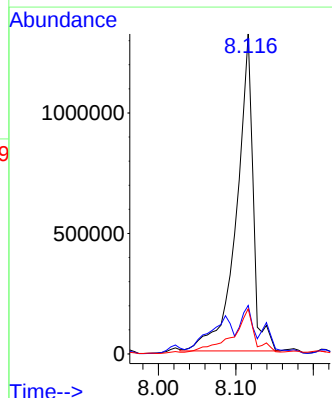
Tgt Ion:128 Resp: 1970024

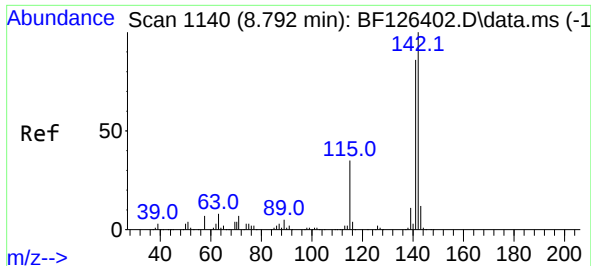
Ion Ratio Lower Upper

128 100

129 15.2 8.6 13.0#

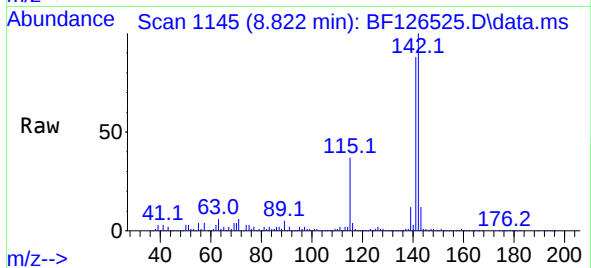
127 14.1 10.3 15.5





#37
2-Methylnaphthalene
Concen: 849.413 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.041 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

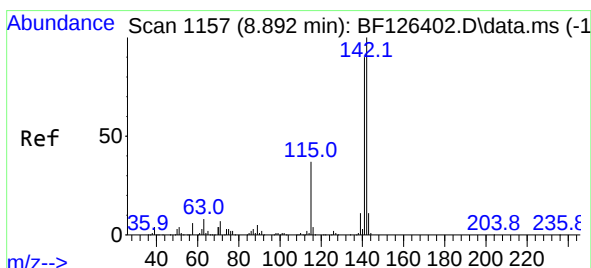
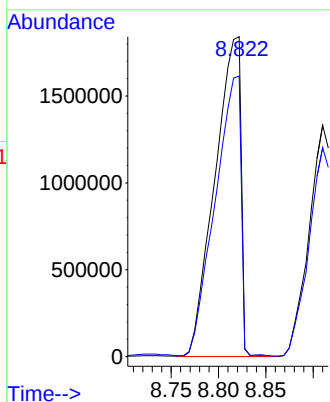
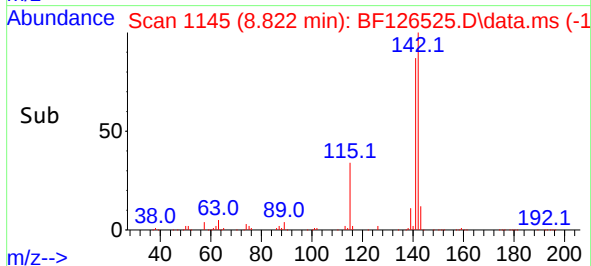
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



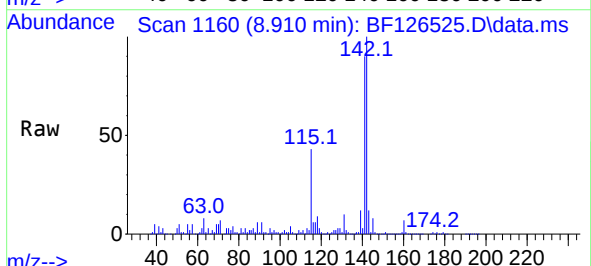
Tgt Ion:142 Resp: 351610
Ion Ratio Lower Upper
142 100
141 87.7 68.6 102.8

Manual Integrations
APPROVED

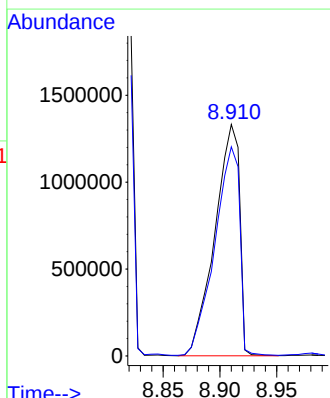
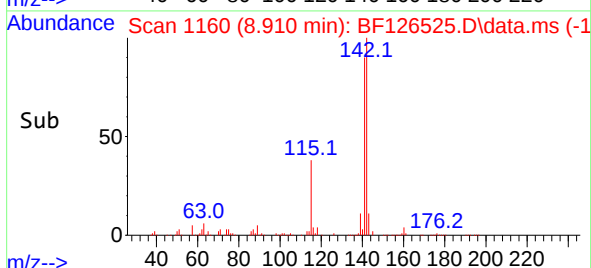
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

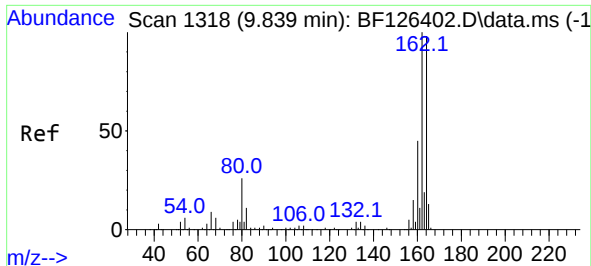


#38
1-Methylnaphthalene
Concen: 504.274 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.030 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



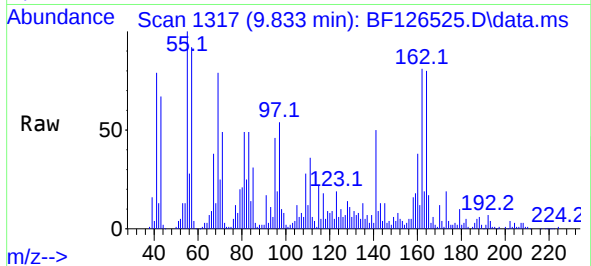
Tgt Ion:142 Resp: 2018173
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

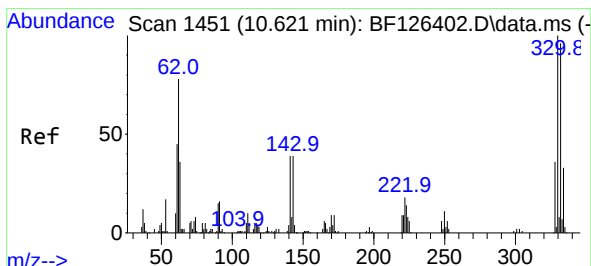
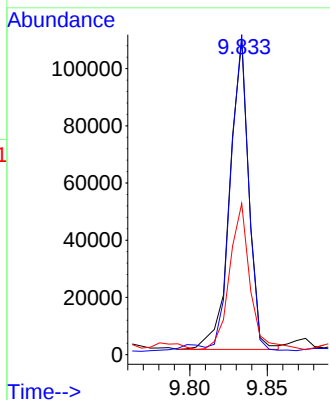
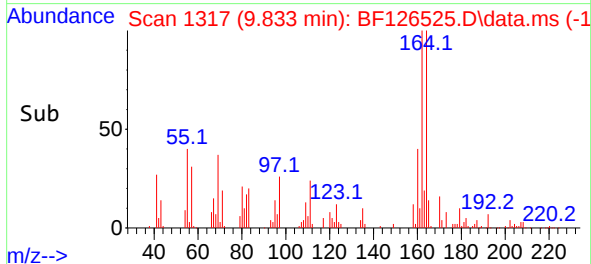
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



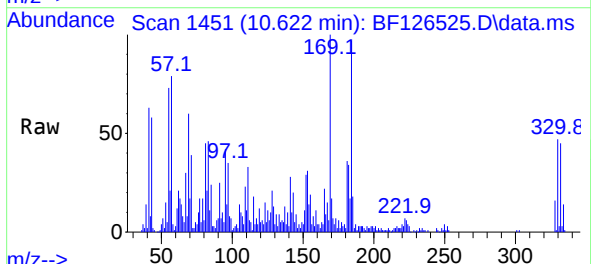
Tgt Ion:164 Resp: 9282
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 48.1 36.6 54.8

Manual Integrations
APPROVED

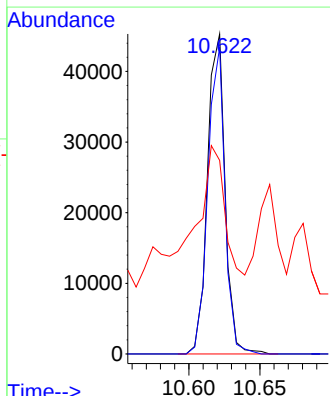
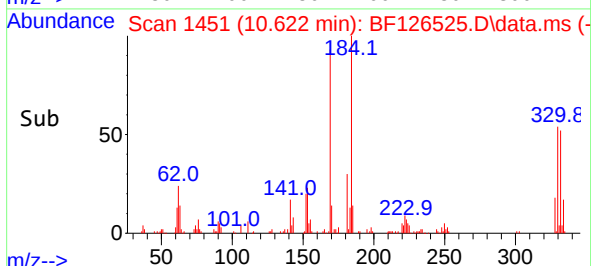
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

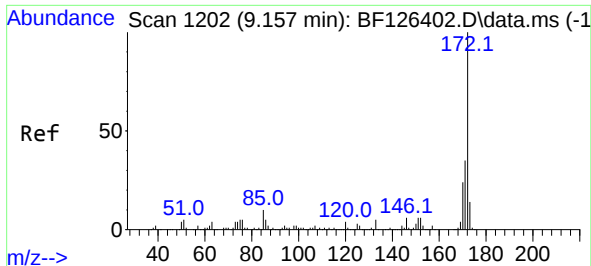


#42
2,4,6-Tribromophenol
Concen: 54.477 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



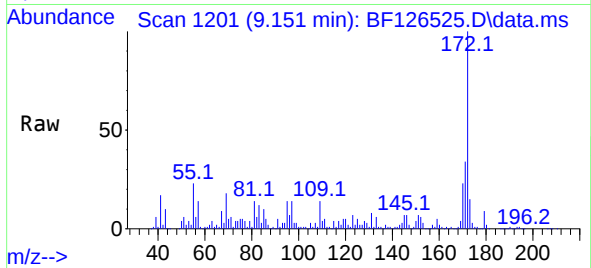
Tgt Ion:330 Resp: 39075
Ion Ratio Lower Upper
330 100
332 93.2 76.0 114.0
141 87.1 30.1 45.1#





#45
2-Fluorobiphenyl
Concen: 88.493 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

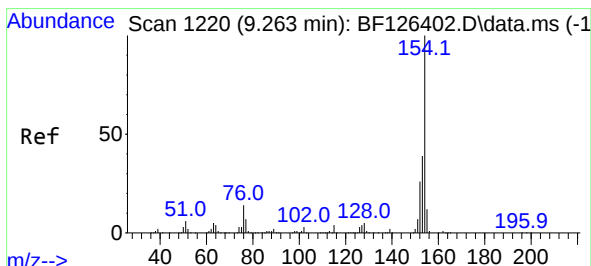
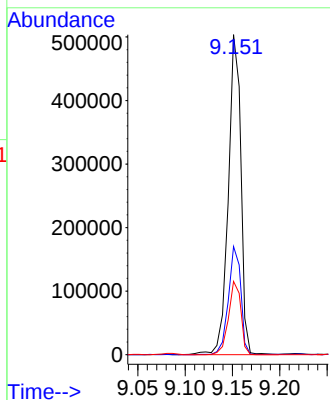
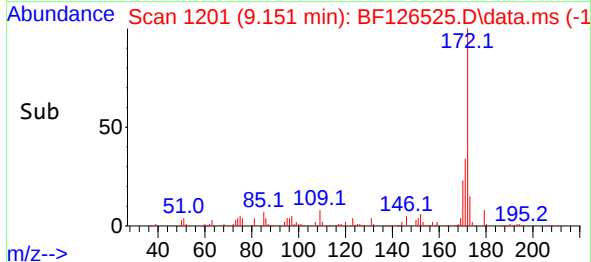
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



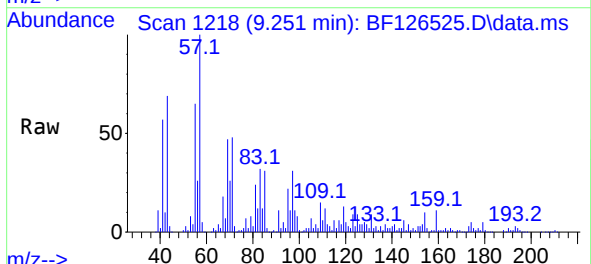
Tgt Ion:172 Resp: 466770
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 22.9 19.0 28.6

Manual Integrations
APPROVED

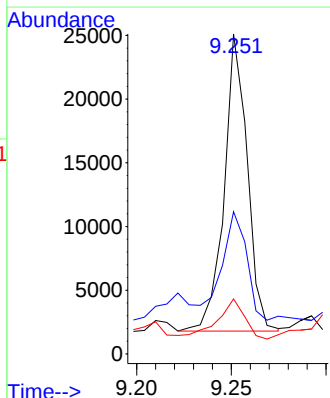
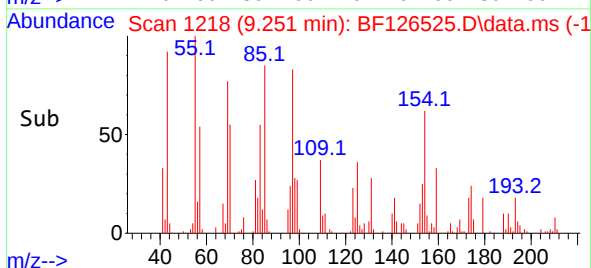
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

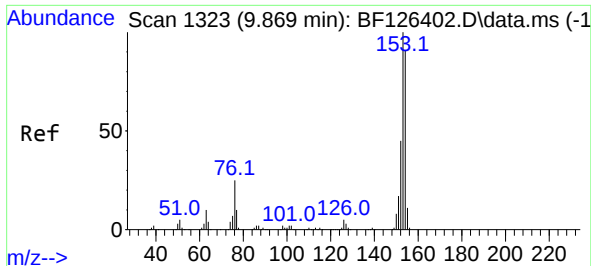


#46
1,1'-Biphenyl
Concen: 2.904 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



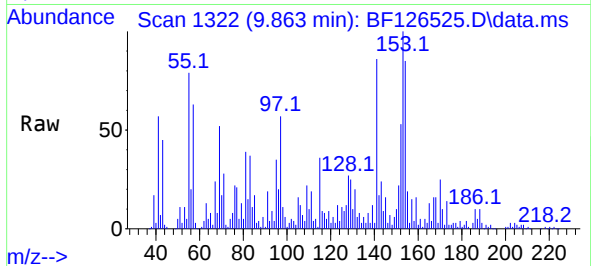
Tgt Ion:154 Resp: 19768
Ion Ratio Lower Upper
154 100
153 44.5 19.0 59.0
76 17.2 0.0 34.5





#52
Acenaphthene
Concen: 19.355 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

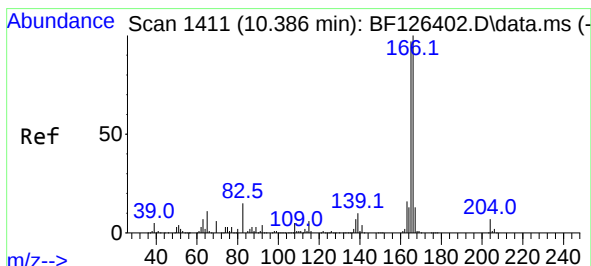
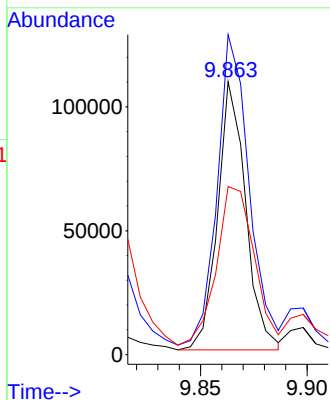
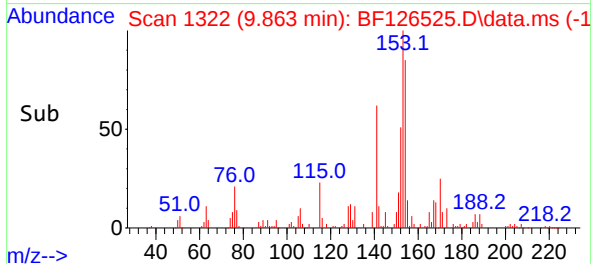
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



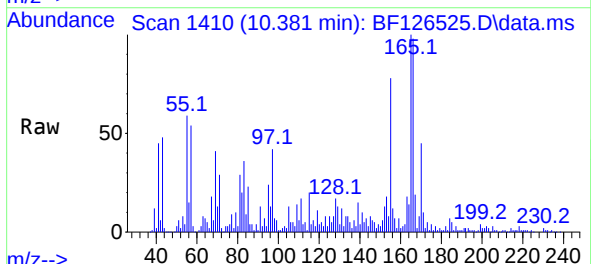
Tgt Ion:154 Resp: 99230
Ion Ratio Lower Upper
154 100
153 117.2 87.8 131.6
152 61.6 39.4 59.2

Manual Integrations
APPROVED

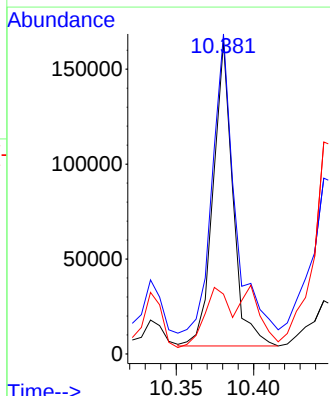
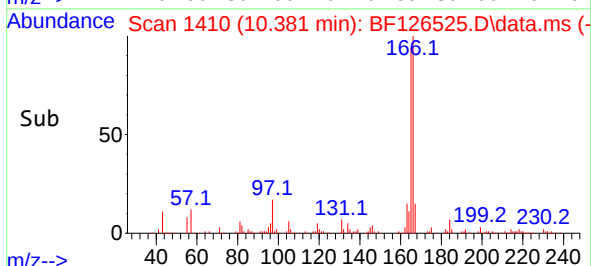
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

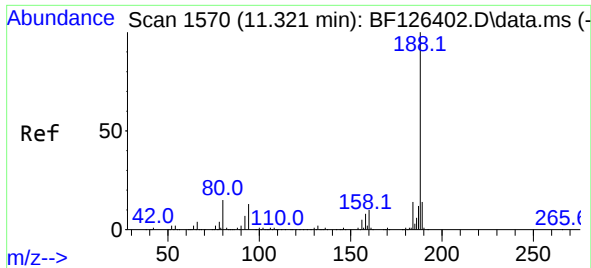


#58
Fluorene
Concen: 29.014 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



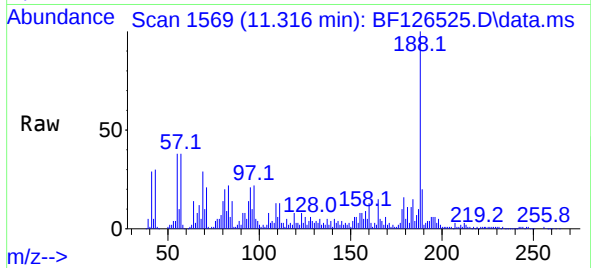
Tgt Ion:166 Resp: 142186
Ion Ratio Lower Upper
166 100
165 102.5 77.7 116.5
167 19.1 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

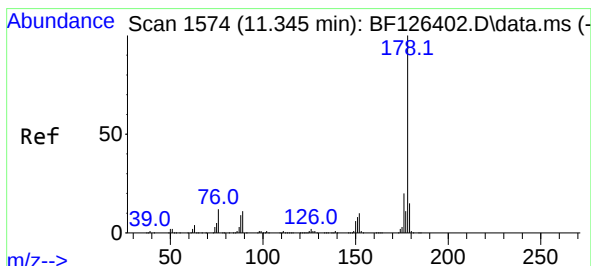
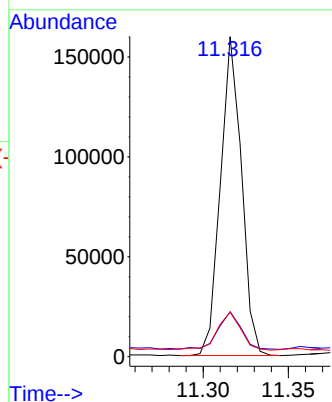
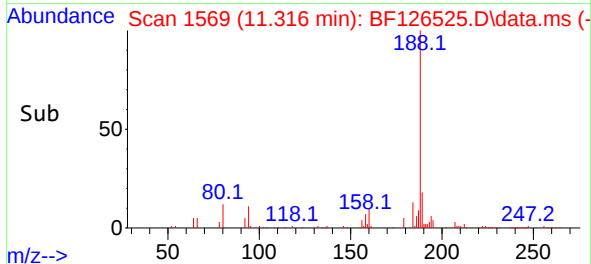
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



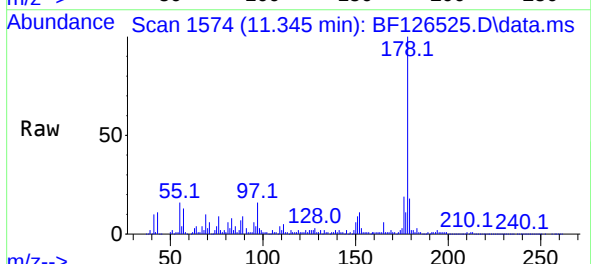
Tgt Ion:188 Resp: 137275
Ion Ratio Lower Upper
188 100
94 14.0 10.1 15.1
80 13.9 11.8 17.6

Manual Integrations
APPROVED

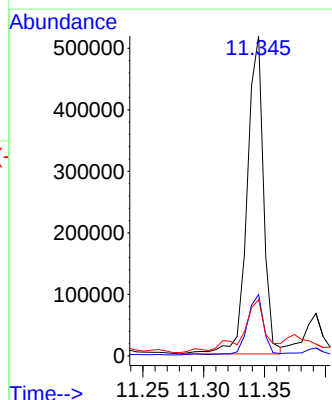
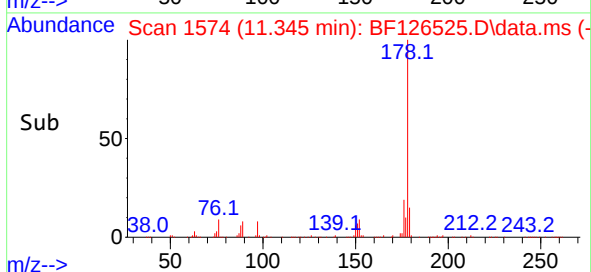
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

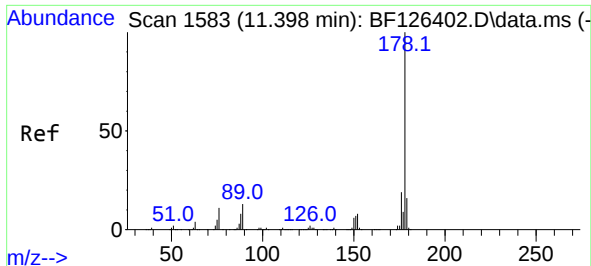


#71
Phenanthrene
Concen: 68.884 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



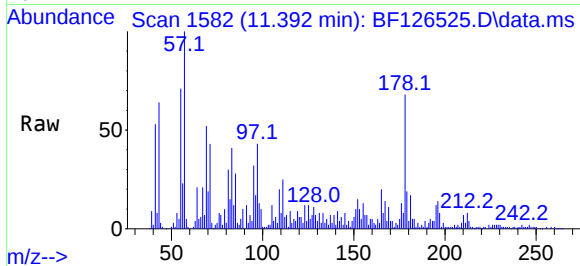
Tgt Ion:178 Resp: 483442
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 17.6 12.3 18.5





#72
 Anthracene
 Concen: 10.751 ng m
 RT: 11.392 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126525.D
 Acq: 6 Jan 2022 18:31

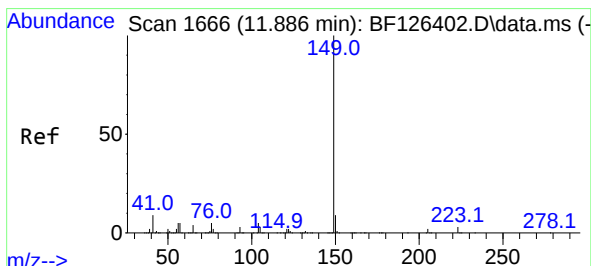
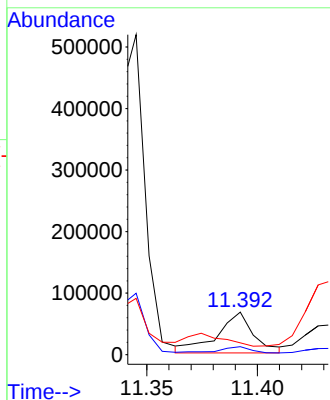
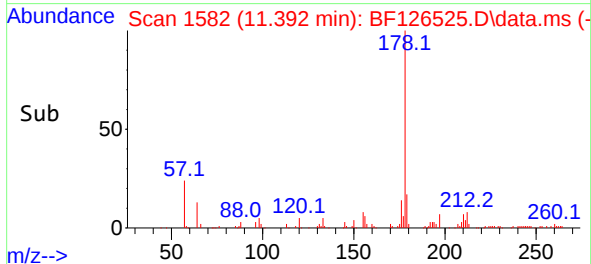
Instrument :
 BNA_F
 ClientSampleId :
 HSB-8-(10-10.5)



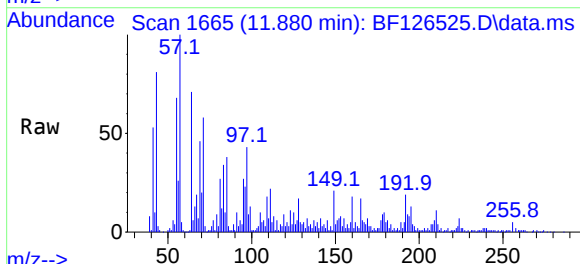
Tgt Ion:178 Resp: 75498
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.6
 179 28.0 12.5 18.7

Manual Integrations
 APPROVED

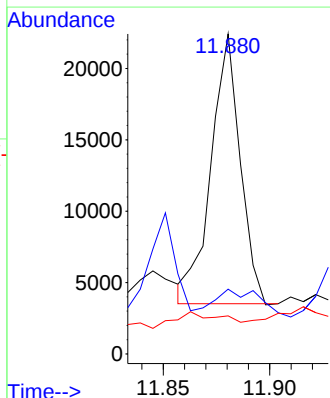
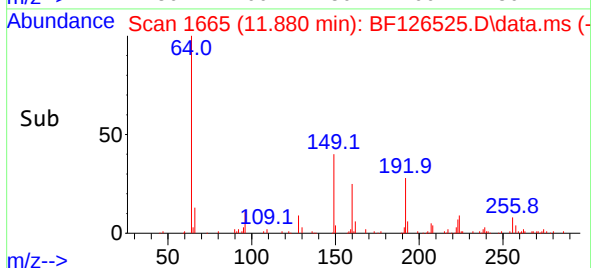
Reviewed By :Christian Giraldo 01/07/2022
 Supervised By :Jagrut Upadhyay 01/07/2022

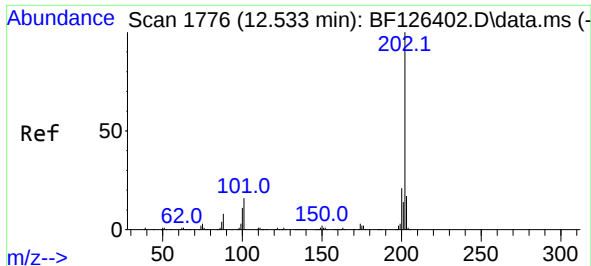


#74
 Di-n-butylphthalate
 Concen: 2.294 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. 0.006 min
 Lab File: BF126525.D
 Acq: 6 Jan 2022 18:31



Tgt Ion:149 Resp: 17960
 Ion Ratio Lower Upper
 149 100
 150 20.3 7.2 10.8#
 104 11.9 4.2 6.2#





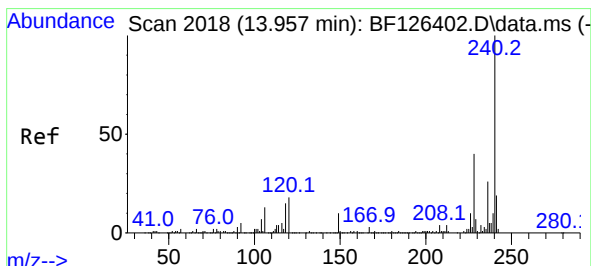
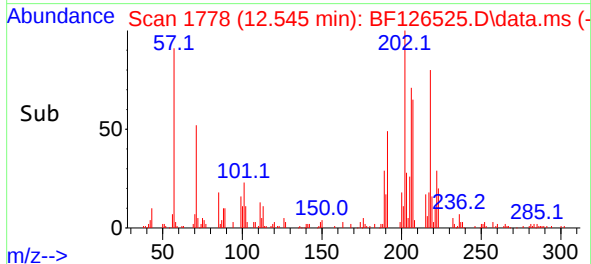
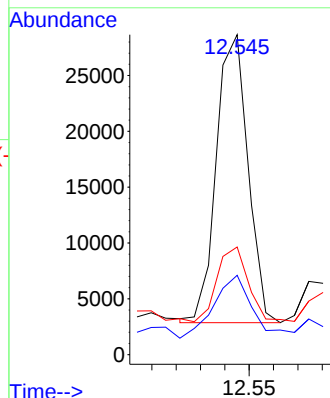
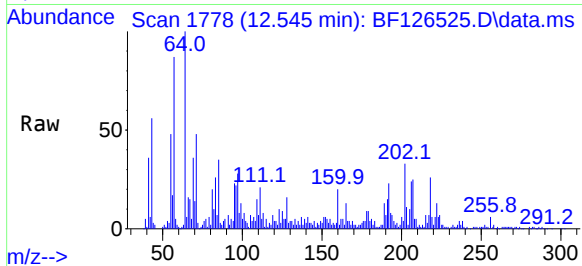
#75
Fluoranthene
Concen: 3.633 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

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

Tgt Ion:202 Resp: 2327
Ion Ratio Lower Upper
202 100
101 24.8 0.0 35.7
203 33.6 0.0 37.1

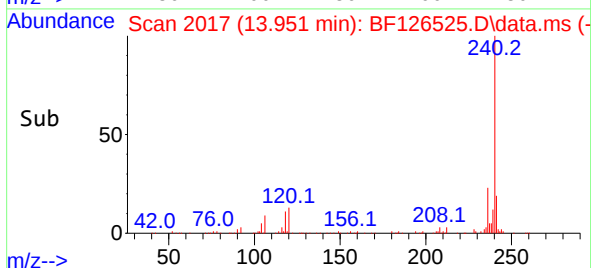
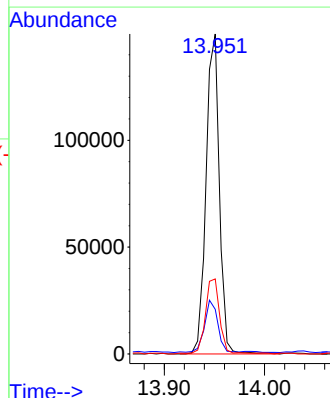
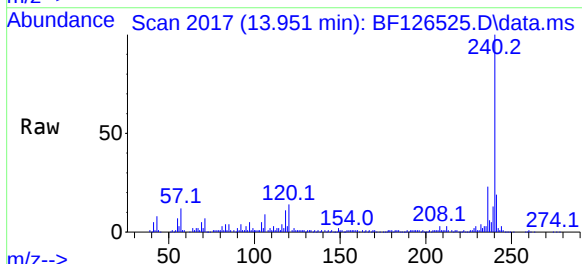
Manual Integrations
APPROVED

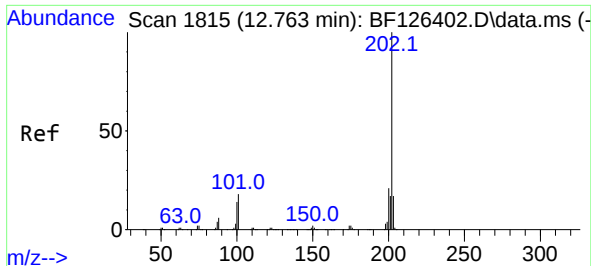
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

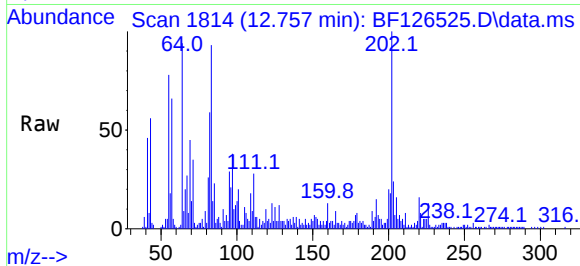
Tgt Ion:240 Resp: 138968
Ion Ratio Lower Upper
240 100
120 14.0 14.4 21.6#
236 23.5 20.5 30.7





#78
Pyrene
Concen: 6.313 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

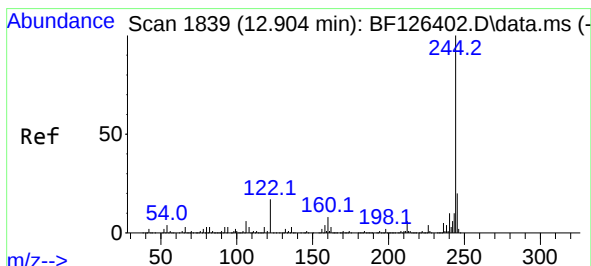
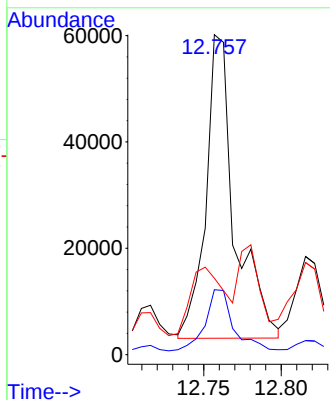
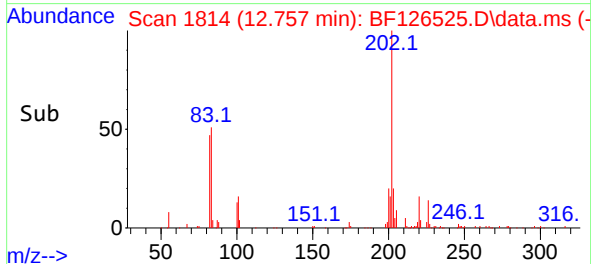
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



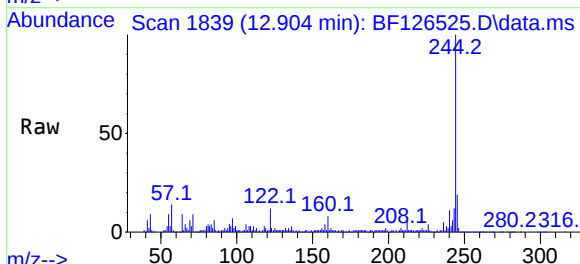
Tgt Ion:202 Resp: 74130
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 23.9 13.8 20.8

Manual Integrations
APPROVED

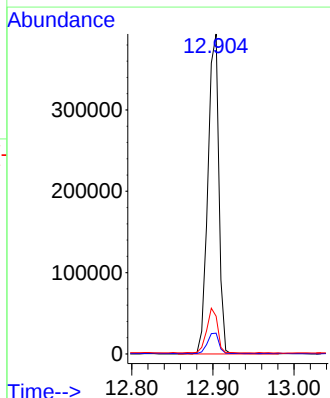
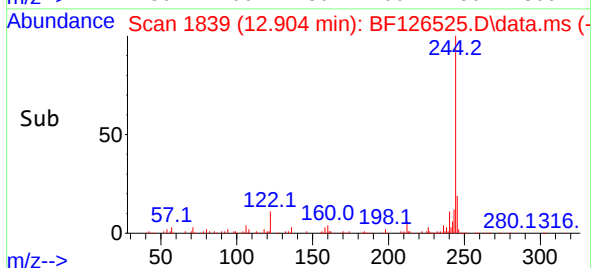
Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

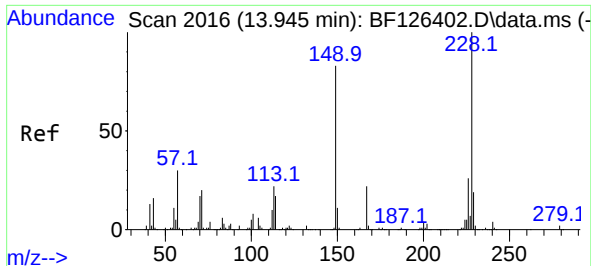


#79
Terphenyl-d14
Concen: 51.336 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



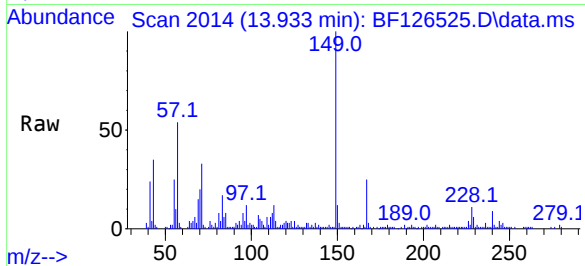
Tgt Ion:244 Resp: 367177
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.8 13.3 19.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 10.804 ng
RT: 13.933 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

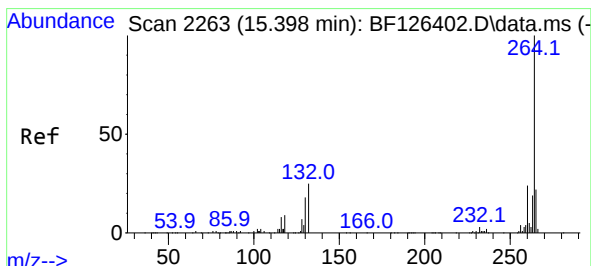
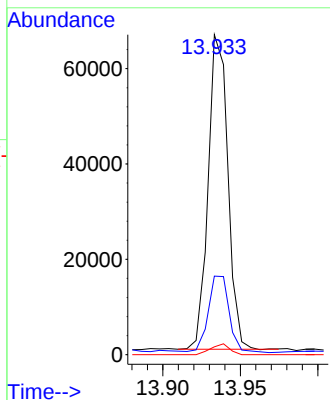
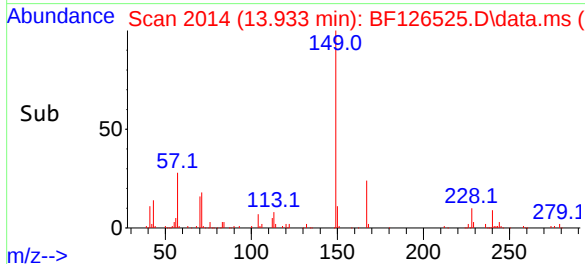
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)



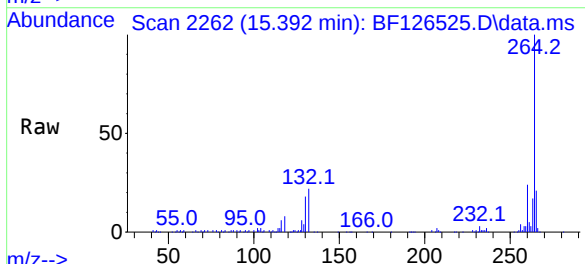
Tgt Ion:149 Resp: 58269
Ion Ratio Lower Upper
149 100
167 24.6 21.4 32.2
279 2.5 2.4 3.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31



Tgt Ion:264 Resp: 158850
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 20.5 17.4 26.2

