

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126703.D
 Acq On : 26 Jan 2022 22:45
 Operator : CG/JU
 Sample : N1266-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-11-(2.10-3.6)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2022
 Supervised By : Jagrut Upadhyay 01/27/2022

Quant Time: Jan 27 03:15:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	161496	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	634439	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	345810	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	574301	20.000	ng	0.00
76) Chrysene-d12	14.133	240	311142	20.000	ng	-0.01
86) Perylene-d12	15.656	264	312829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1119342	91.206	ng	0.00
7) Phenol-d6	6.569	99	1533366	89.926	ng	0.00
23) Nitrobenzene-d5	7.516	82	1056329	65.169	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	277119	85.630	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1323075	58.595	ng	0.00
79) Terphenyl-d14	13.080	244	1212095	65.340	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.704	202	95140	2.936	ng	99
78) Pyrene	12.933	202	115662	4.597	ng	97
81) Benzo(a)anthracene	14.127	228	58475m	2.765	ng	
83) Chrysene	14.162	228	67104	3.298	ng	99
87) Indeno(1,2,3-cd)pyrene	17.198	276	51982m	2.689	ng	
88) Benzo(b)fluoranthene	15.204	252	89675m	4.323	ng	
90) Benzo(a)pyrene	15.586	252	76504	4.533	ng	96
92) Benzo(g,h,i)perylene	17.674	276	55500	3.535	ng	93

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

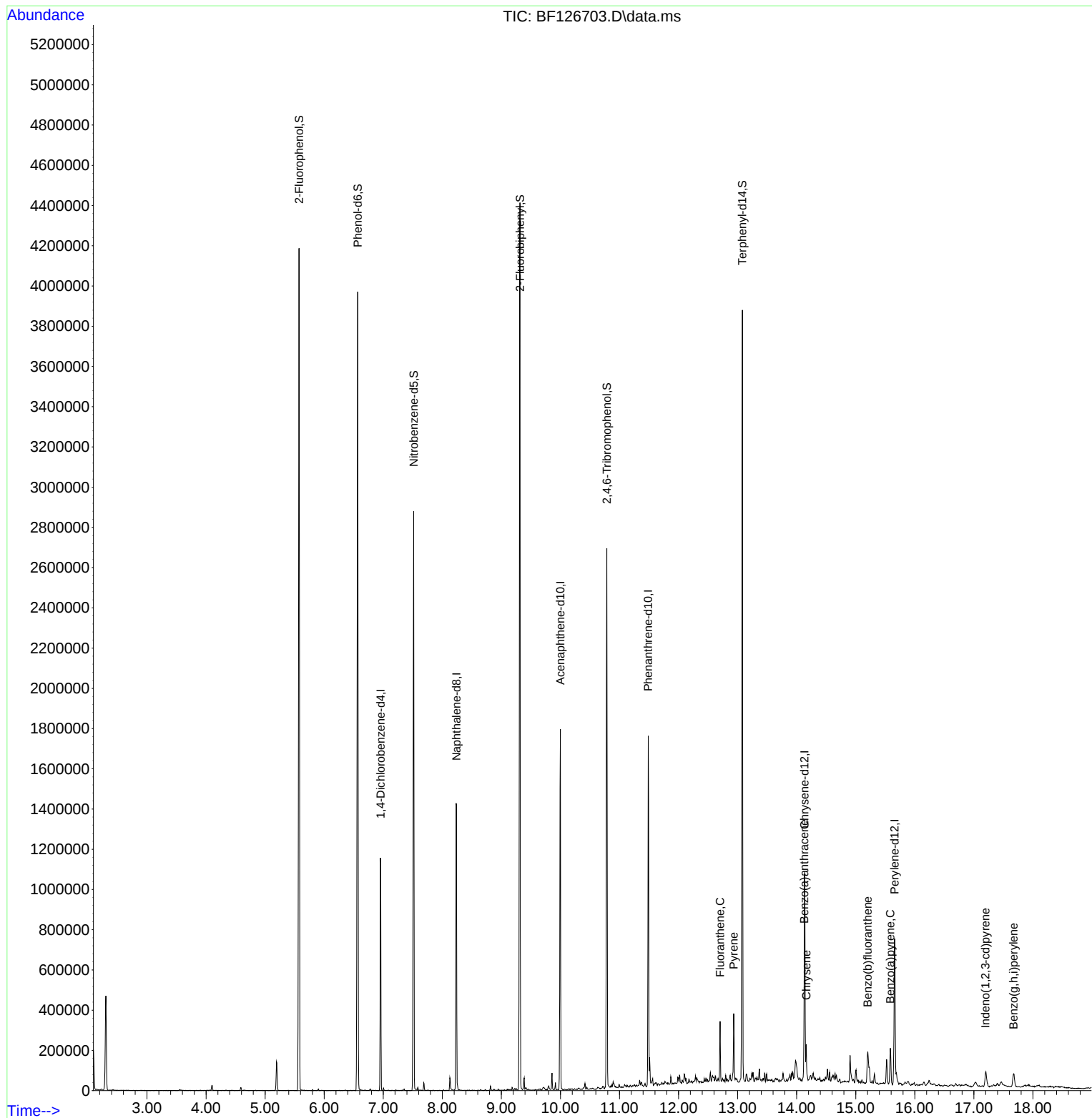
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
Data File : BF126703.D
Acq On : 26 Jan 2022 22:45
Operator : CG/JU
Sample : N1266-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-11-(2.10-3.6)

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/27/2022
Supervised By : Jagrut Upadhyay 01/27/2022

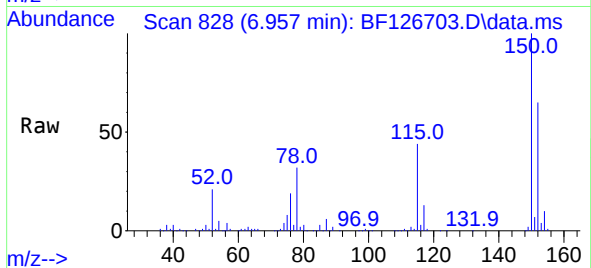
Quant Time: Jan 27 03:15:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

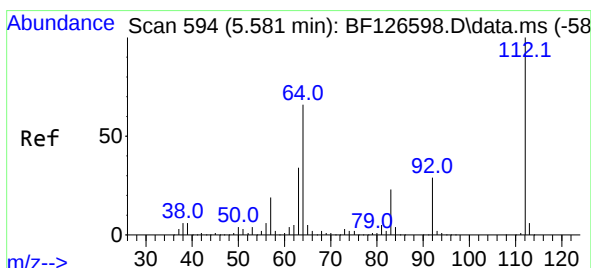
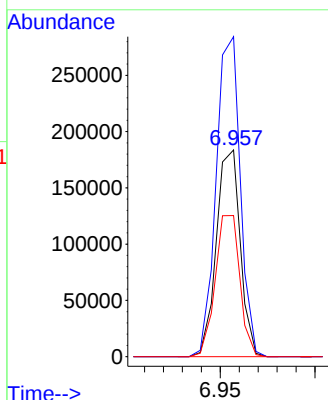
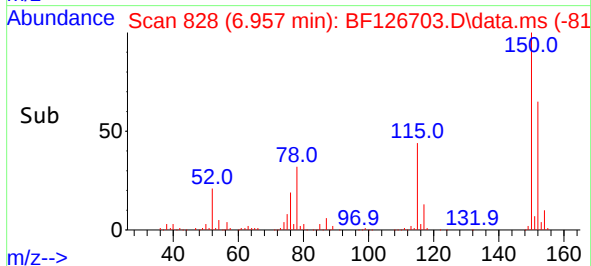
Instrument :
BNA_F
ClientSampleId :
RB-11-(2.10-3.6)



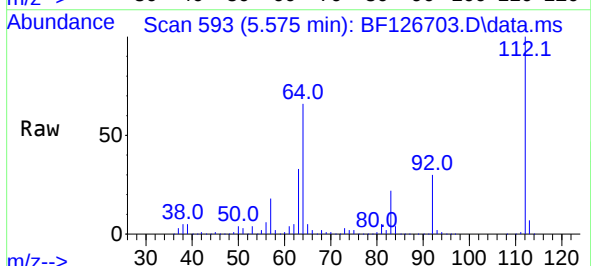
Tgt Ion:152 Resp: 161490
Ion Ratio Lower Upper
152 100
150 154.8 128.1 192.1
115 68.3 56.7 85.1

Manual Integrations
APPROVED

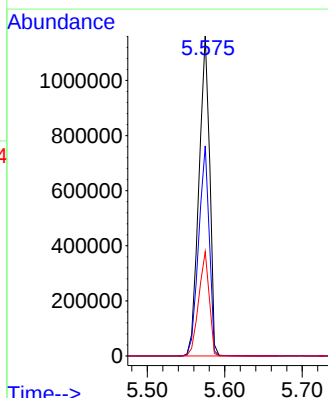
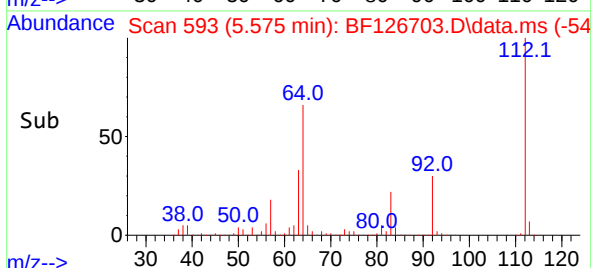
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

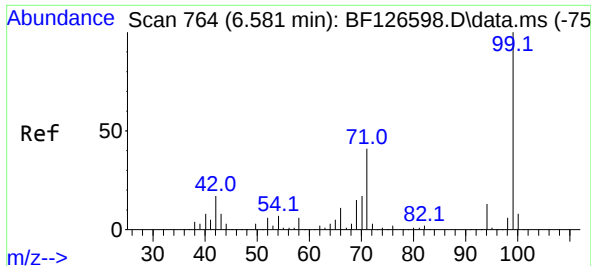


#5
2-Fluorophenol
Concen: 91.206 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45



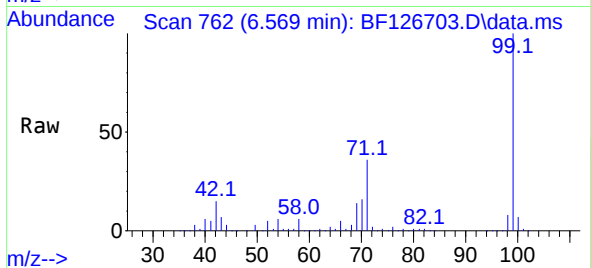
Tgt Ion:112 Resp: 1119342
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 32.6 23.9 35.9





#7
Phenol-d6
Concen: 89.926 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

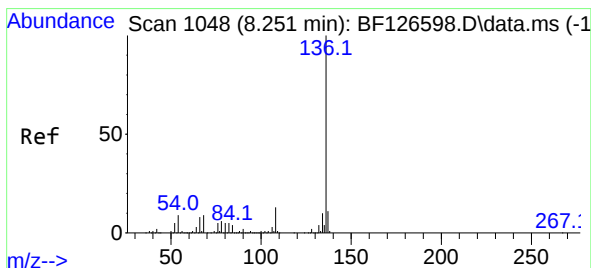
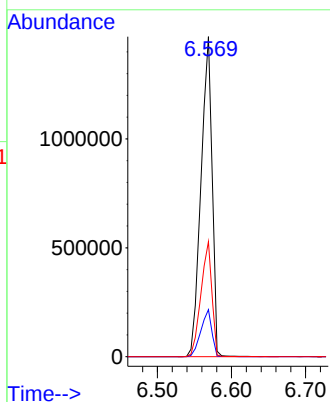
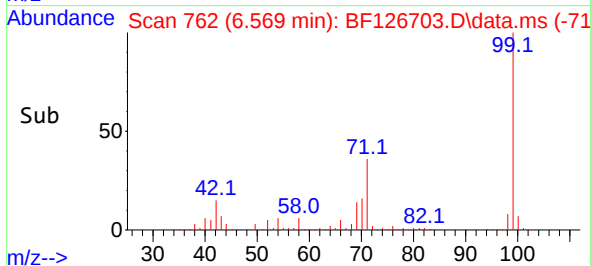
Instrument :
BNA_F
ClientSampleId :
RB-11-(2.10-3.6)



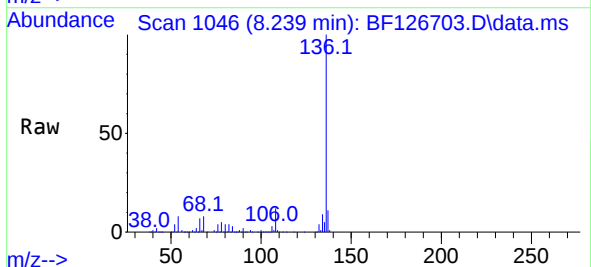
Tgt Ion: 99 Resp: 153336
Ion Ratio Lower Upper
99 100
42 14.7 14.2 21.4
71 36.0 24.3 36.5

Manual Integrations
APPROVED

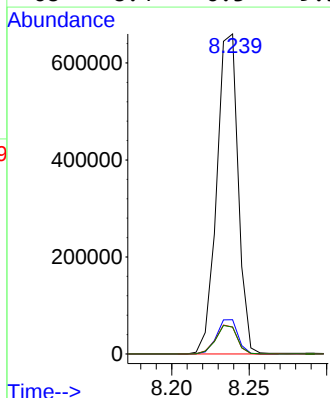
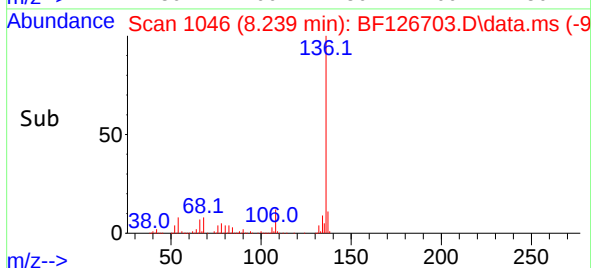
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

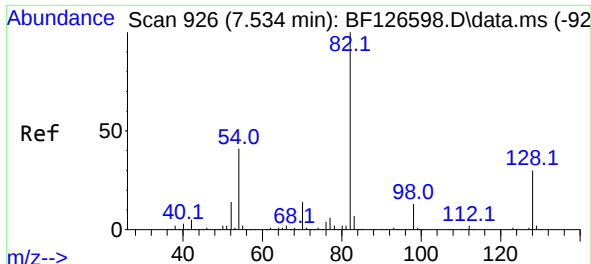


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45



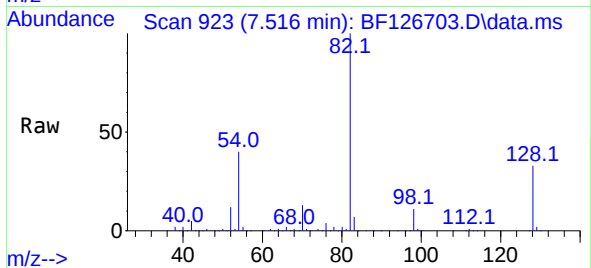
Tgt Ion:136 Resp: 634439
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.8 11.6
68 8.4 6.3 9.5





#23
Nitrobenzene-d5
Concen: 65.169 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

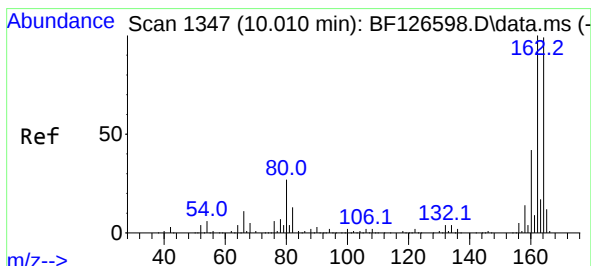
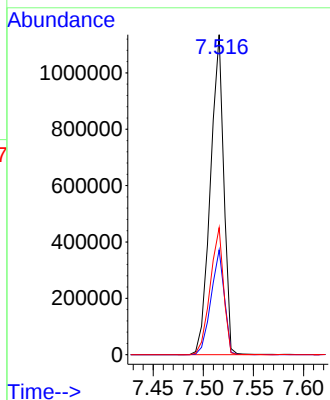
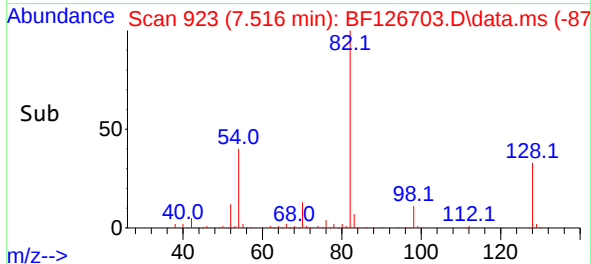
Instrument :
BNA_F
ClientSampleId :
RB-11-(2.10-3.6)



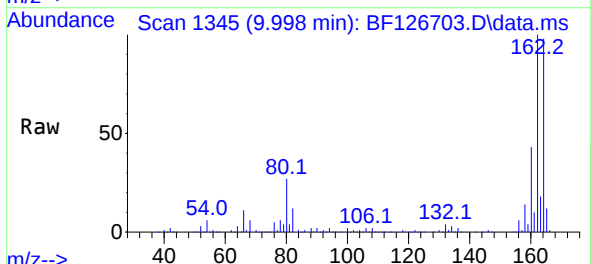
Tgt Ion: 82 Resp: 1056329
Ion Ratio Lower Upper
82 100
128 32.8 32.7 49.1
54 39.7 41.7 62.5

Manual Integrations
APPROVED

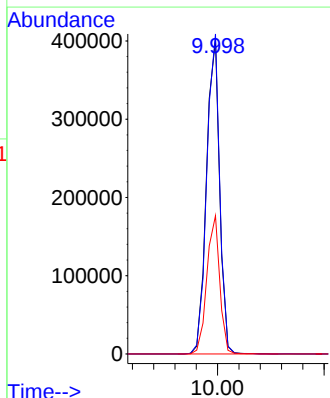
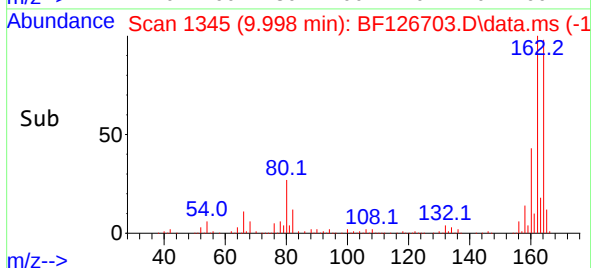
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

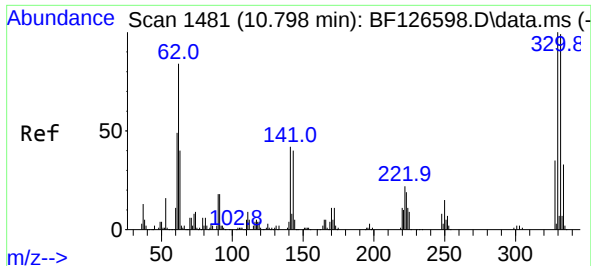


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45



Tgt Ion:164 Resp: 345810
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.0 36.6 54.8





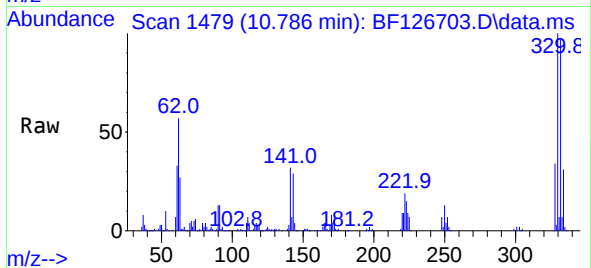
#42
2,4,6-Tribromophenol
Concen: 85.630 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

Instrument :

BNA_F

ClientSampleId :

RB-11-(2.10-3.6)

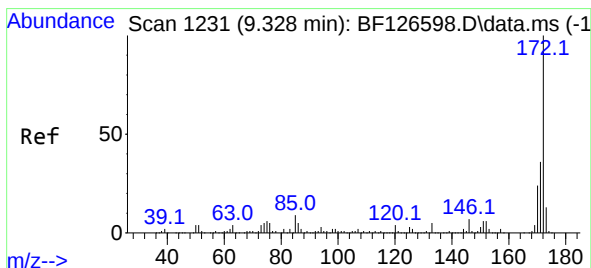
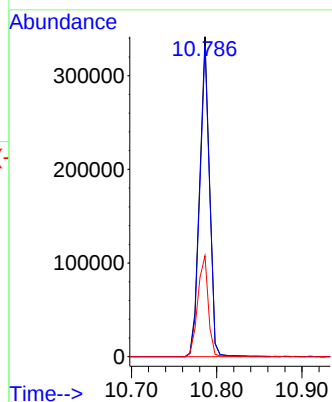
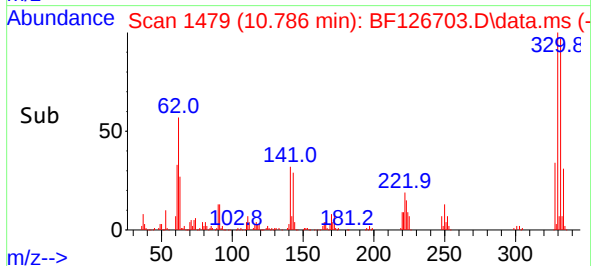


Tgt Ion:330 Resp: 277119
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 33.3 30.1 45.1

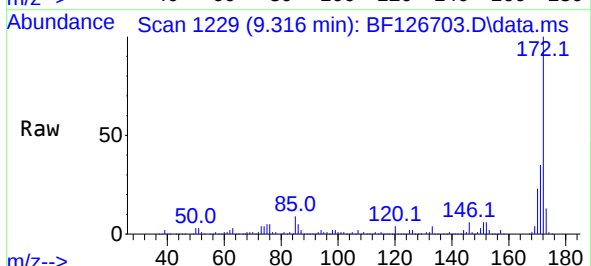
Manual Integrations

APPROVED

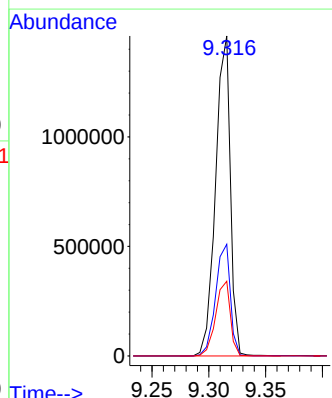
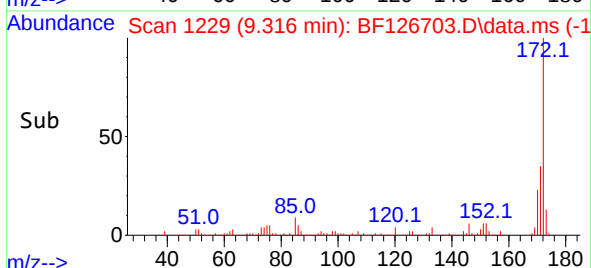
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

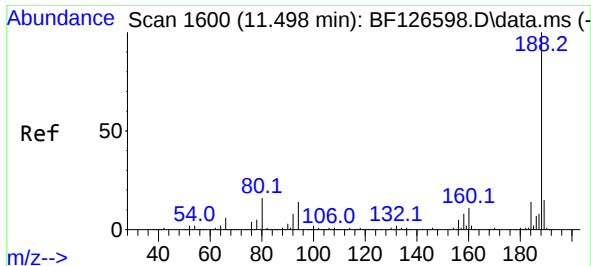


#45
2-Fluorobiphenyl
Concen: 58.595 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45



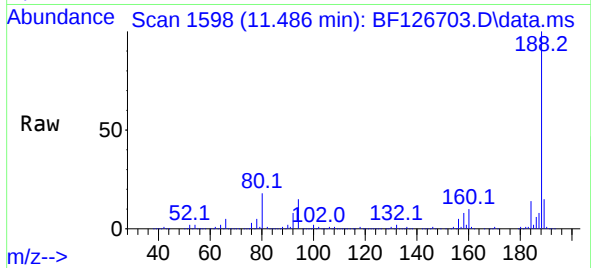
Tgt Ion:172 Resp: 1323075
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.4 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

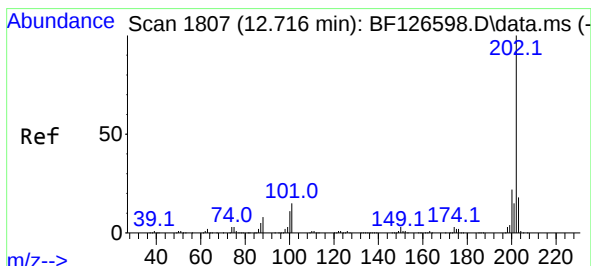
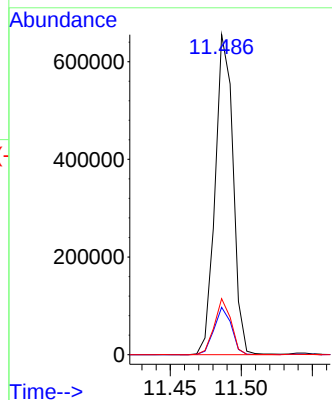
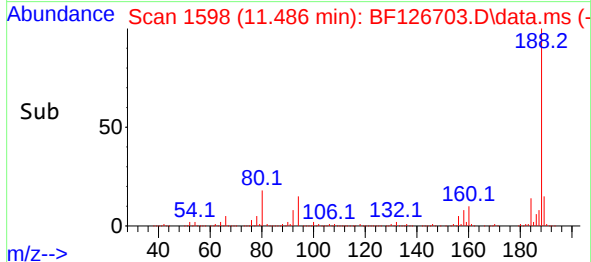
Instrument :
BNA_F
ClientSampleId :
RB-11-(2.10-3.6)



Tgt Ion:188 Resp: 57430
Ion Ratio Lower Upper
188 100
94 14.8 10.1 15.1
80 17.5 11.8 17.6

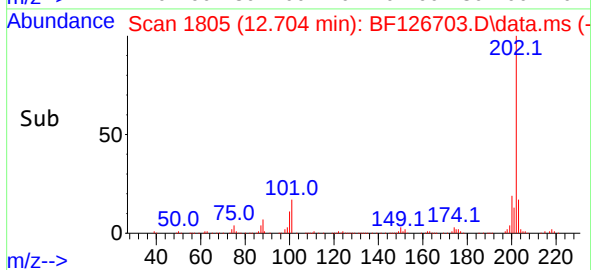
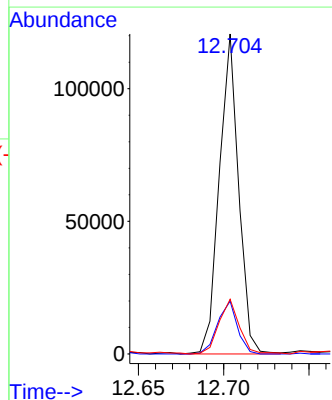
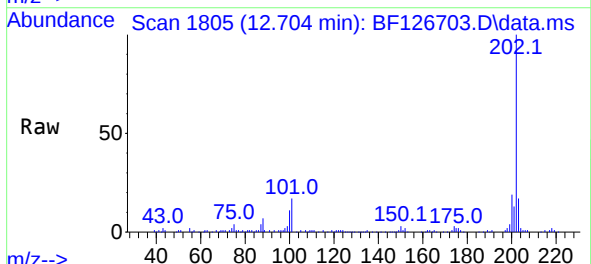
Manual Integrations
APPROVED

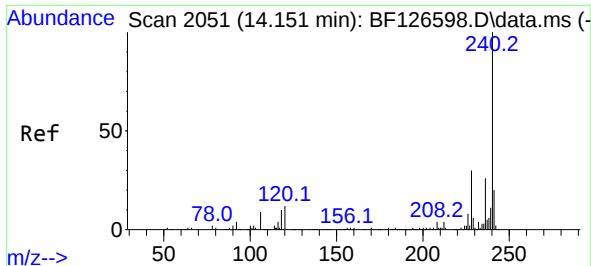
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#75
Fluoranthene
Concen: 2.936 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

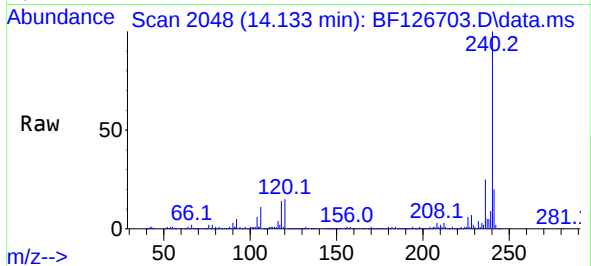
Tgt Ion:202 Resp: 95140
Ion Ratio Lower Upper
202 100
101 16.5 0.0 35.7
203 17.1 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

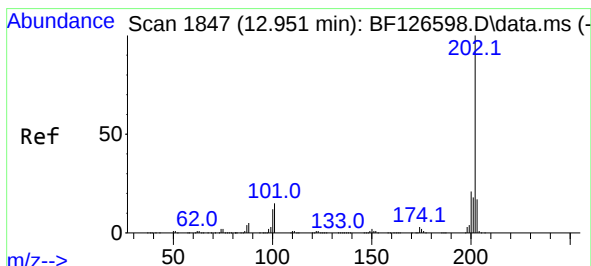
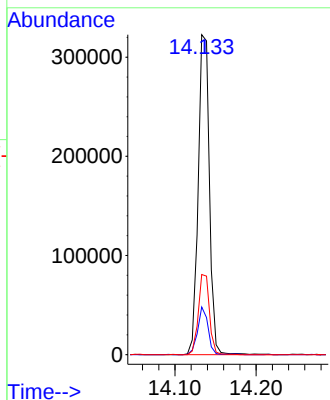
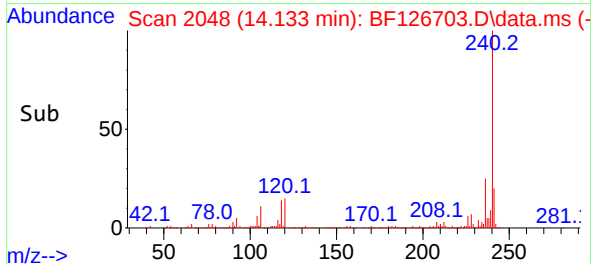
Instrument :
BNA_F
ClientSampleId :
RB-11-(2.10-3.6)



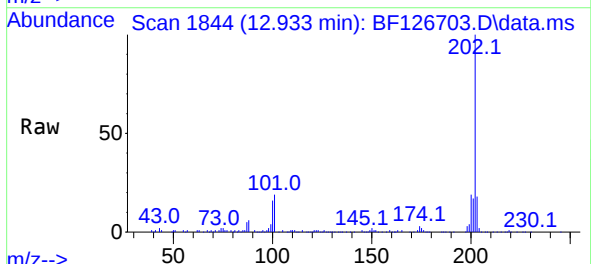
Tgt Ion:240 Resp: 31114
Ion Ratio Lower Upper
240 100
120 14.9 14.4 21.6
236 25.0 20.5 30.7

Manual Integrations
APPROVED

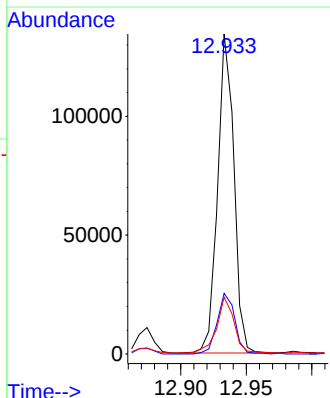
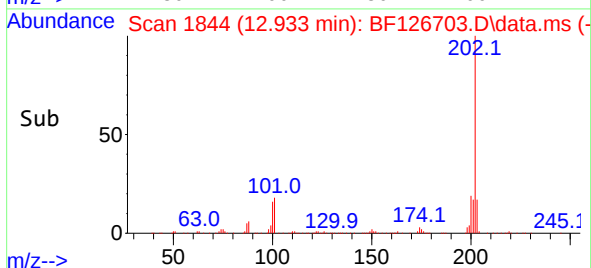
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022

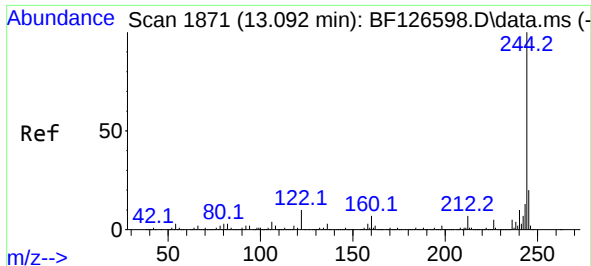


#78
Pyrene
Concen: 4.597 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45



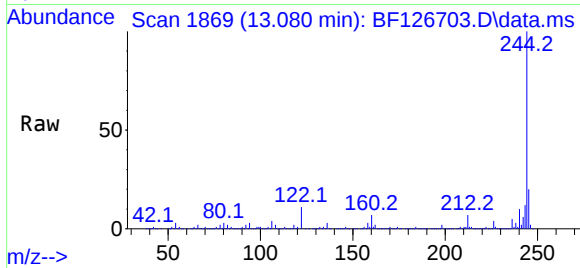
Tgt Ion:202 Resp: 115662
Ion Ratio Lower Upper
202 100
200 19.0 16.6 24.8
203 17.8 13.8 20.8





#79
 Terphenyl-d14
 Concen: 65.340 ng
 RT: 13.080 min Scan# 1869
 Delta R.T. -0.000 min
 Lab File: BF126703.D
 Acq: 26 Jan 2022 22:45

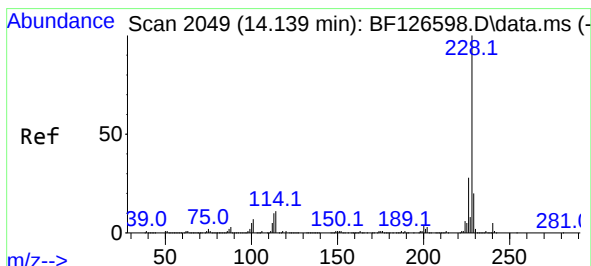
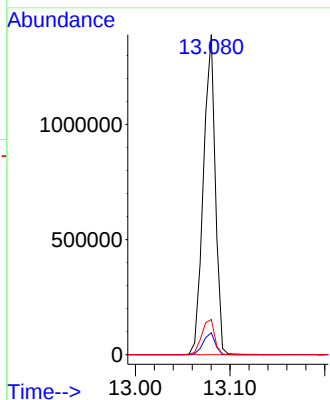
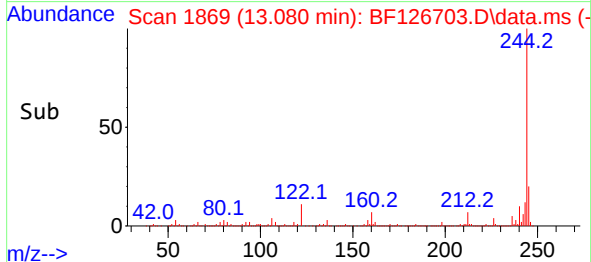
Instrument :
 BNA_F
 ClientSampleId :
 RB-11-(2.10-3.6)



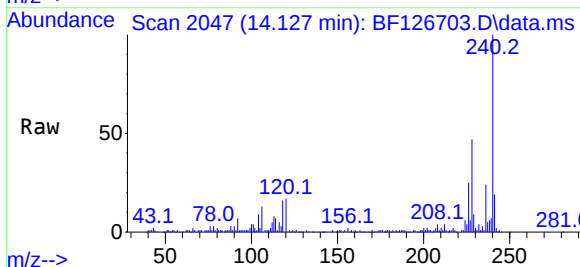
Tgt Ion:244 Resp: 121209
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.0 13.3 19.9

Manual Integrations
 APPROVED

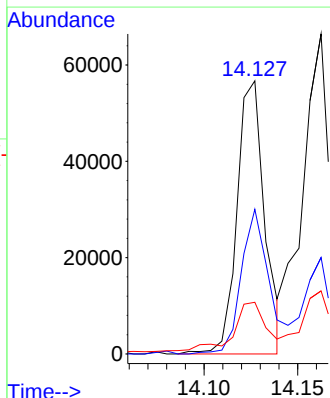
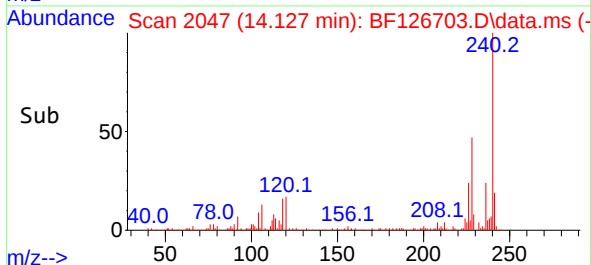
Reviewed By :Christian Giraldo 01/27/2022
 Supervised By :Jagrut Upadhyay 01/27/2022

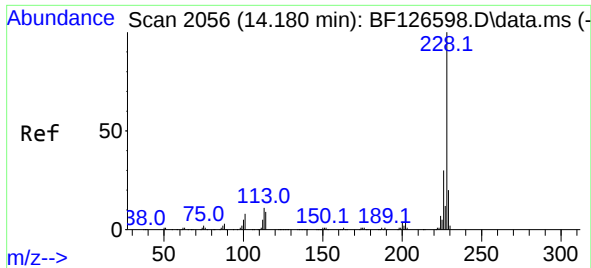


#81
 Benzo(a)anthracene
 Concen: 2.765 ng m
 RT: 14.127 min Scan# 2047
 Delta R.T. -0.006 min
 Lab File: BF126703.D
 Acq: 26 Jan 2022 22:45



Tgt Ion:228 Resp: 58475
 Ion Ratio Lower Upper
 228 100
 226 53.0 21.4 32.0#
 229 18.9 15.4 23.2





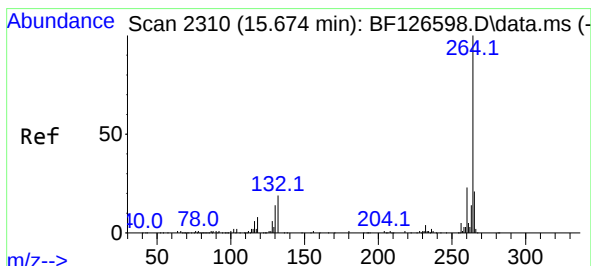
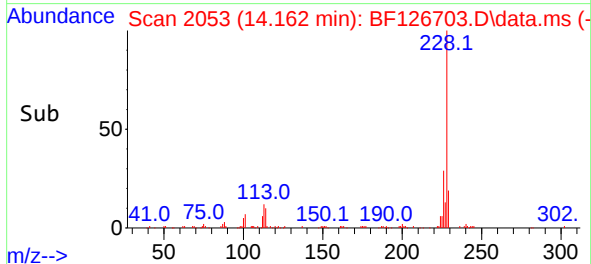
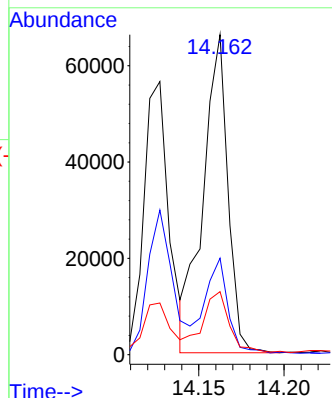
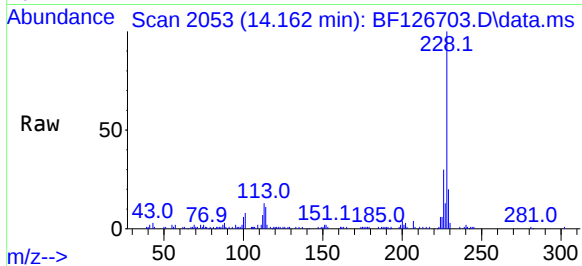
#83
Chrysene
Concen: 3.298 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

Instrument :
BNA_F
Client Sample Id :
RB-11-(2.10-3.6)

Tgt Ion:228 Resp: 67104
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 19.7 15.5 23.3

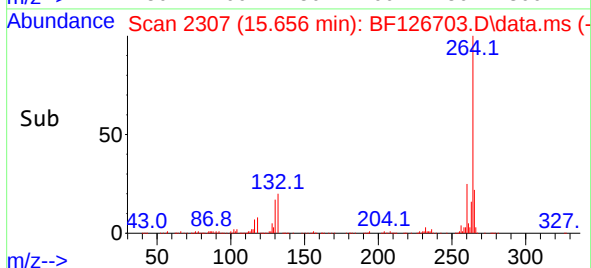
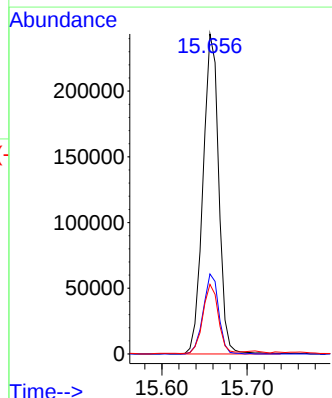
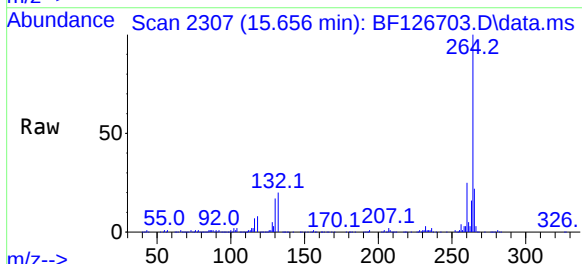
Manual Integrations
APPROVED

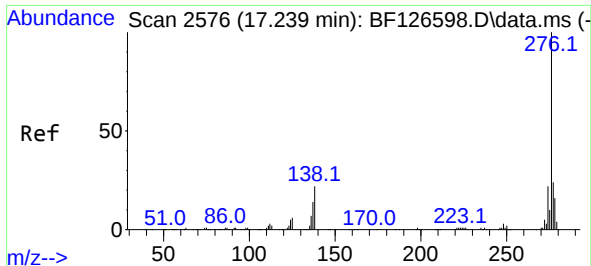
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

Tgt Ion:264 Resp: 312829
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.689 ng m
RT: 17.198 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

Instrument :

BNA_F

ClientSampleId :

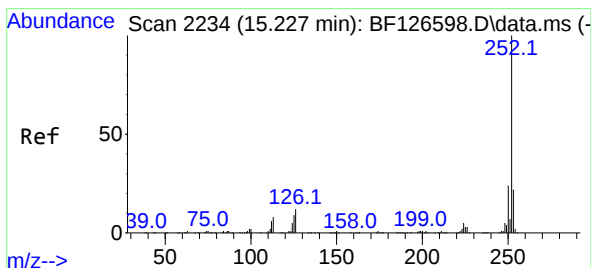
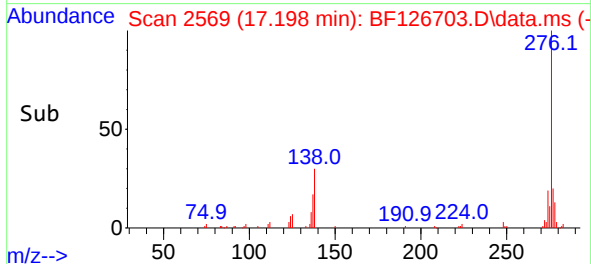
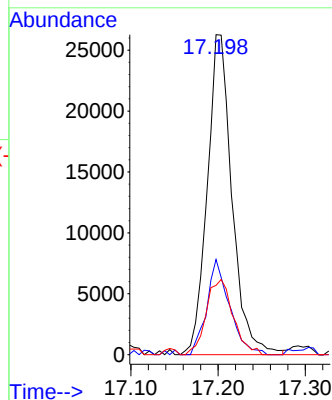
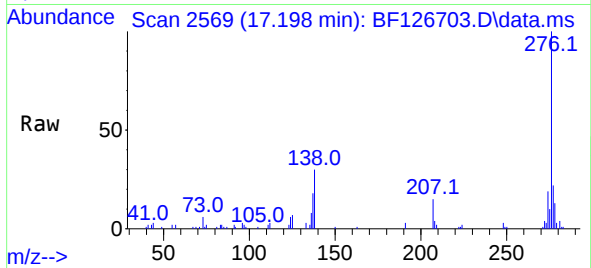
RB-11-(2.10-3.6)

Tgt Ion:276 Resp: 5198
Ion Ratio Lower Upper
276 100
138 6.2 29.2 43.8
277 5.2 19.8 29.8

Manual Integrations

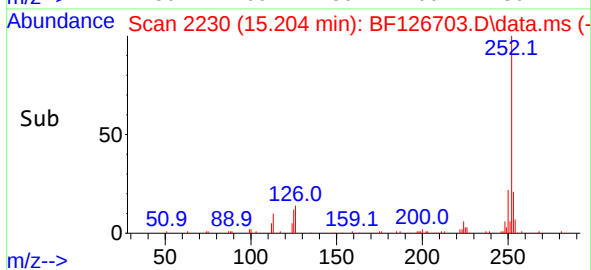
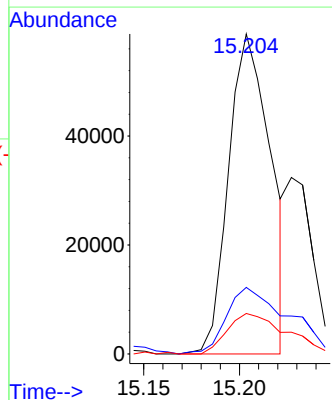
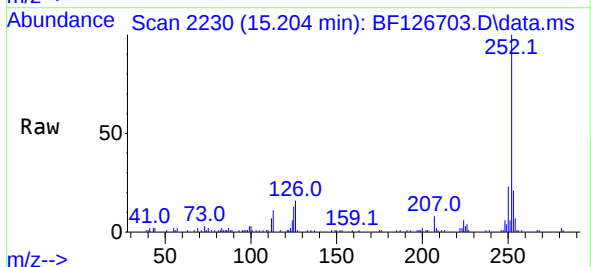
APPROVED

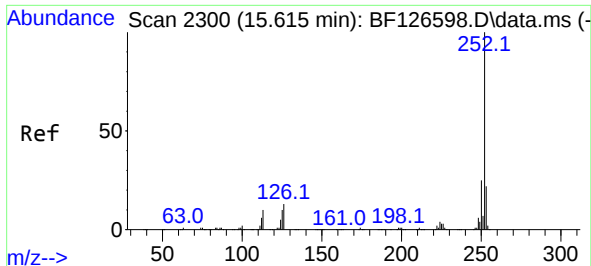
Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#88
Benzo(b)fluoranthene
Concen: 4.323 ng m
RT: 15.204 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

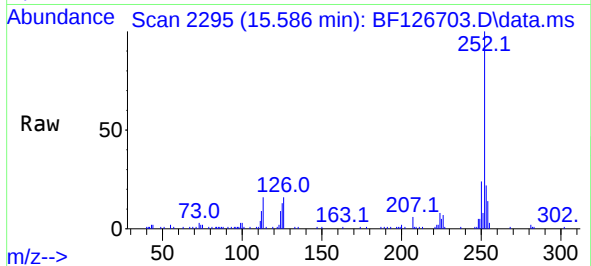
Tgt Ion:252 Resp: 89675
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 12.6 12.4 18.6





#90
Benzo(a)pyrene
Concen: 4.533 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45

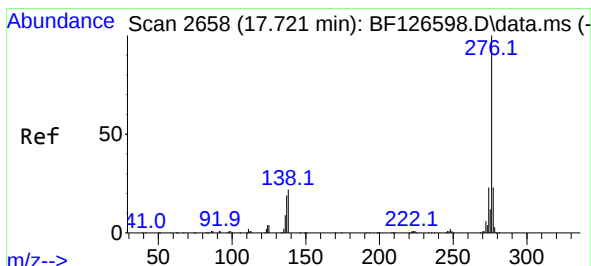
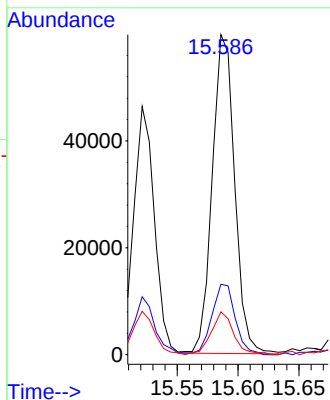
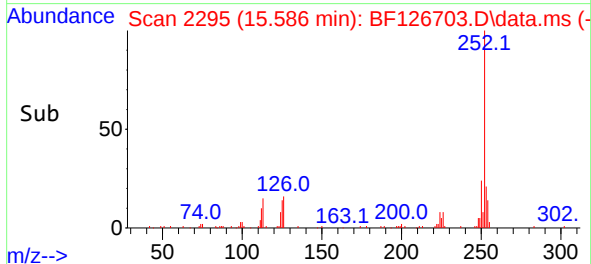
Instrument :
BNA_F
ClientSampleId :
RB-11-(2.10-3.6)



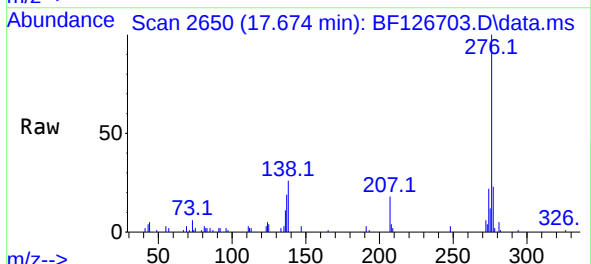
Tgt Ion:252 Resp: 76504
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.4 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/27/2022



#92
Benzo(g,h,i)perylene
Concen: 3.535 ng
RT: 17.674 min Scan# 2650
Delta R.T. -0.024 min
Lab File: BF126703.D
Acq: 26 Jan 2022 22:45



Tgt Ion:276 Resp: 55500
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 26.0 25.9 38.9

