

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129798.D
 Acq On : 16 Aug 2022 00:26
 Operator : CG\JU
 Sample : N4205-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/16/2022

Quant Time: Aug 16 03:20:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	156634	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650040	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	352089	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	569581	20.000	ng	0.00
76) Chrysene-d12	13.998	240	306250	20.000	ng	0.00
86) Perylene-d12	15.468	264	294684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	723081	76.433	ng	0.00
7) Phenol-d6	6.475	99	956697	80.755	ng	0.00
23) Nitrobenzene-d5	7.386	82	626764	51.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	245019	69.337	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1243789	53.653	ng	0.00
79) Terphenyl-d14	12.933	244	1101090	59.825	ng	0.00
Target Compounds						
71) Phenanthrene	11.374	178	73358	2.306	ng	Qvalue 96
75) Fluoranthene	12.568	202	120779	3.710	ng	99
78) Pyrene	12.798	202	106841	4.015	ng	98
81) Benzo(a)anthracene	13.986	228	42356	2.011	ng	98
88) Benzo(b)fluoranthene	15.039	252	47953m	2.376	ng	
90) Benzo(a)pyrene	15.409	252	34334	2.161	ng	# 96

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

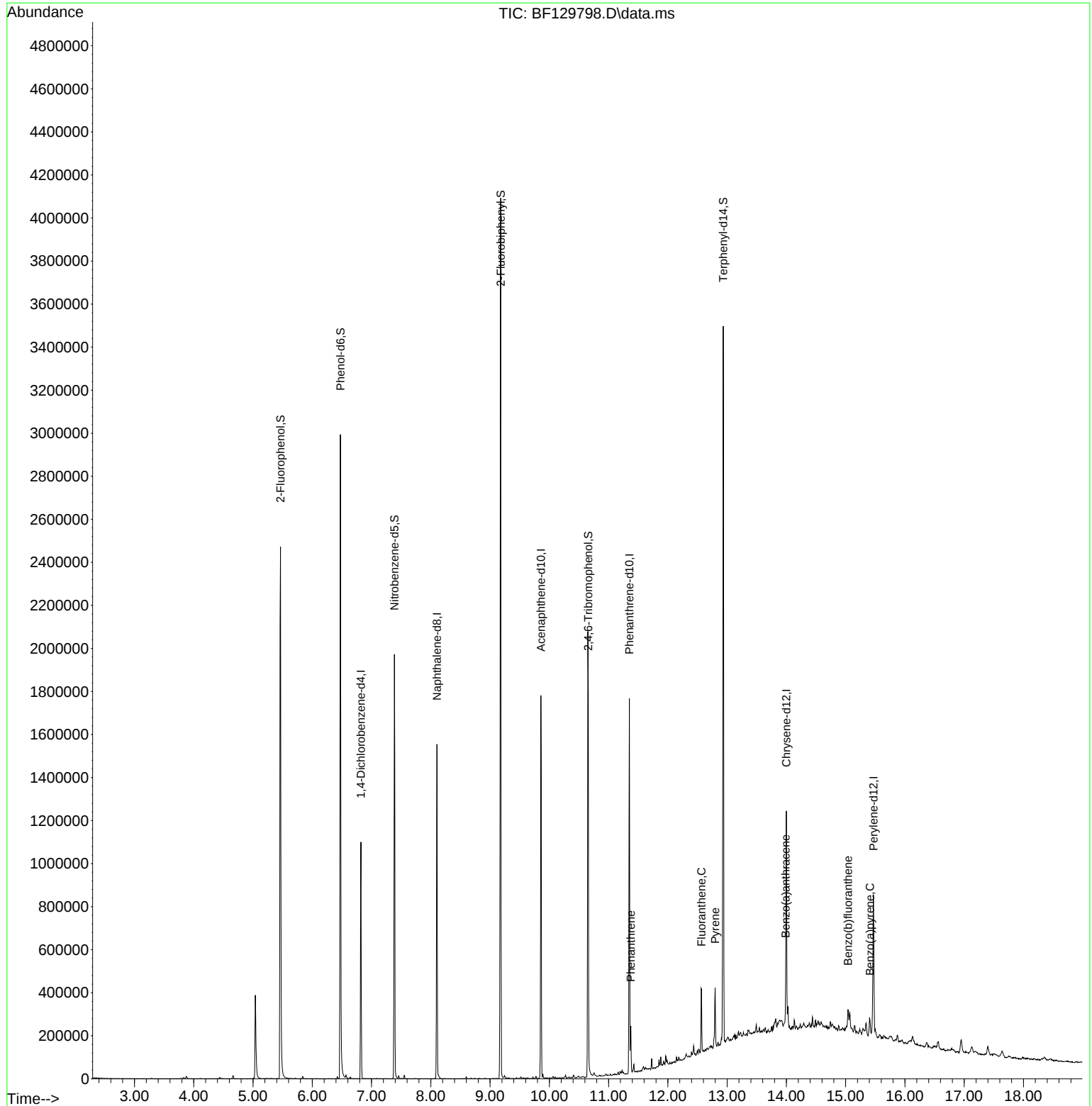
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129798.D
Acq On : 16 Aug 2022 00:26
Operator : CG\JU
Sample : N4205-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022

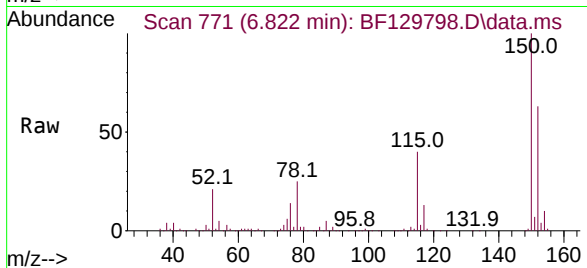
Quant Time: Aug 16 03:20:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

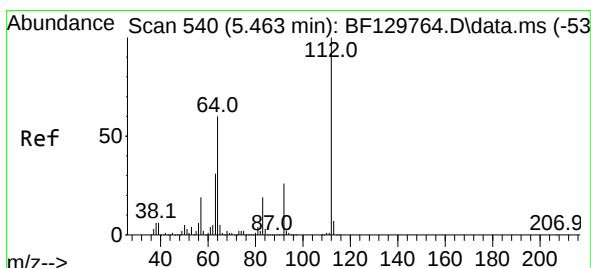
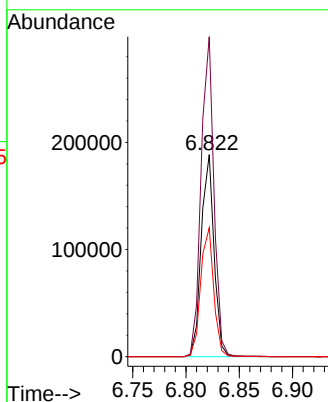
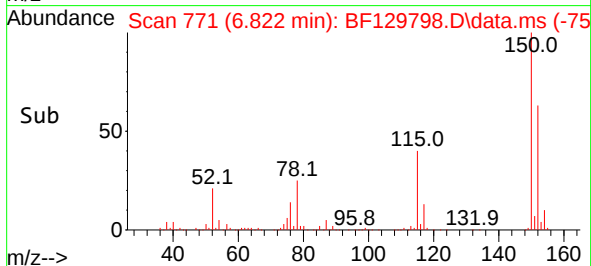
Instrument :
BNA_F
ClientSampleId :
SS-2



Tgt Ion:152 Resp: 156634
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 63.8 53.4 80.0

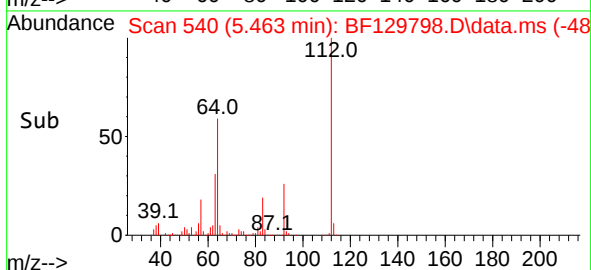
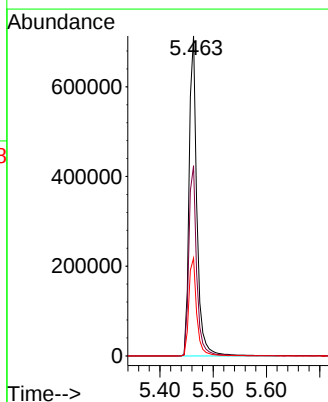
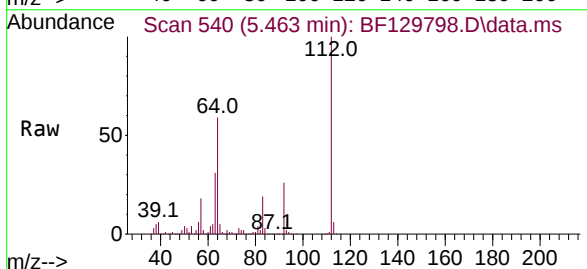
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#5
2-Fluorophenol
Concen: 76.433 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

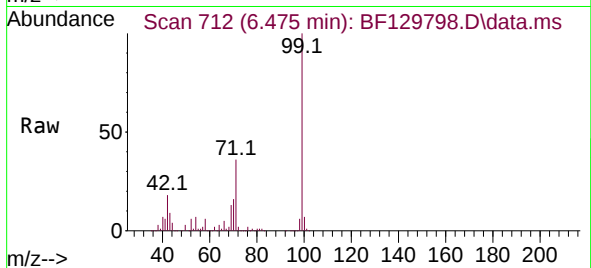
Tgt Ion:112 Resp: 723081
Ion Ratio Lower Upper
112 100
64 59.4 47.6 71.4
63 30.5 24.6 37.0





#7
Phenol-d6
Concen: 80.755 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

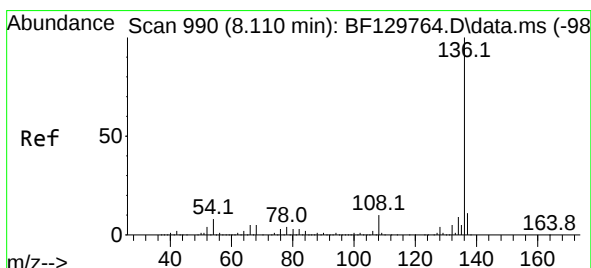
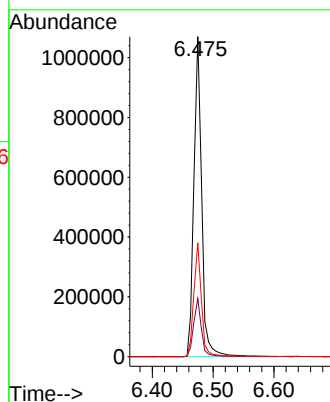
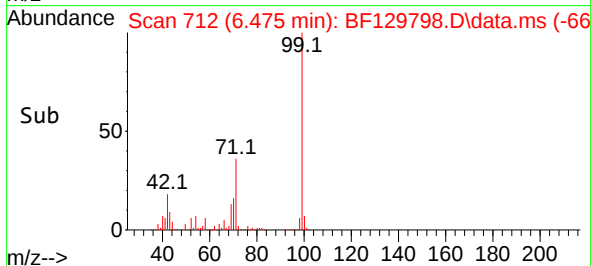
Instrument :
BNA_F
ClientSampleId :
SS-2



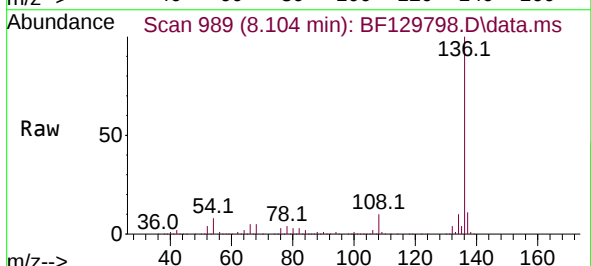
Tgt Ion: 99 Resp: 95669
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.6 28.8 43.2

Manual Integrations
APPROVED

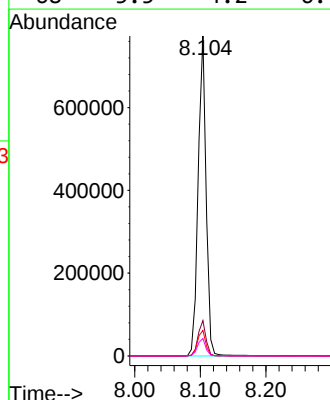
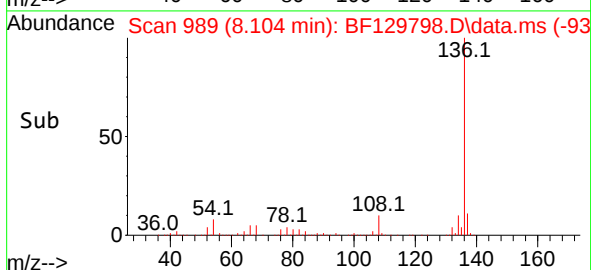
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26



Tgt Ion:136 Resp: 650040
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 51.615 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SS-2

Tgt Ion: 82 Resp: 626764

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

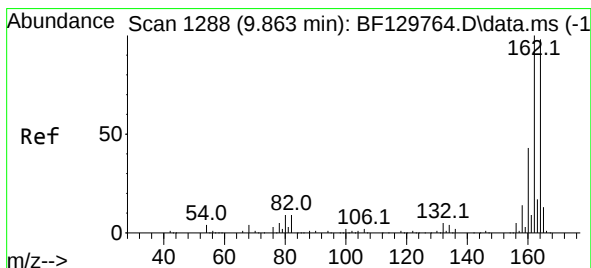
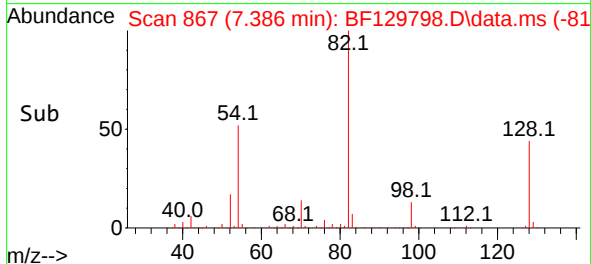
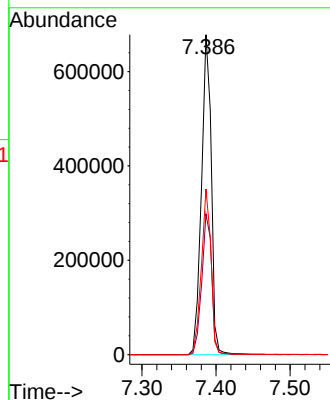
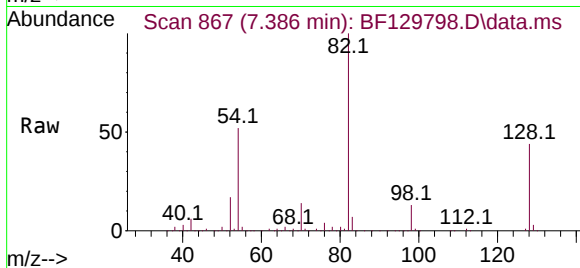
54 51.7 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

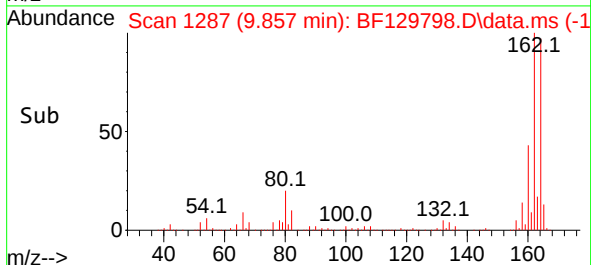
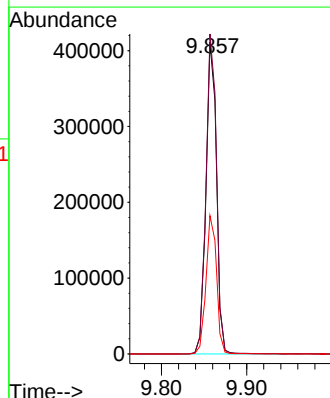
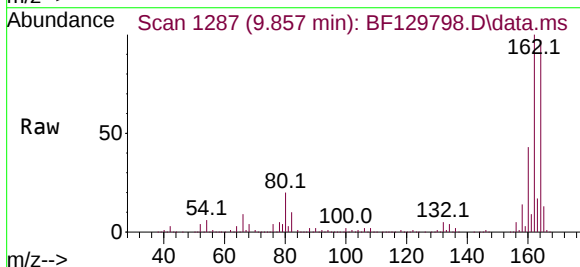
Tgt Ion:164 Resp: 352089

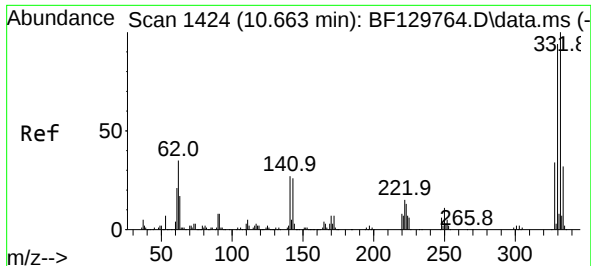
Ion Ratio Lower Upper

164 100

162 102.7 82.0 123.0

160 44.3 35.4 53.0





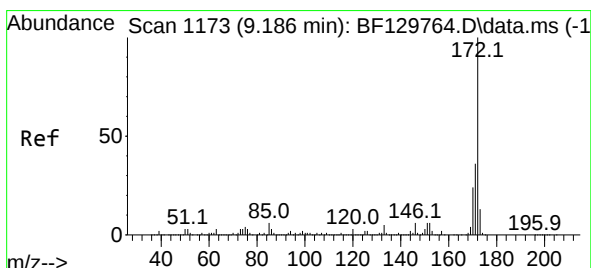
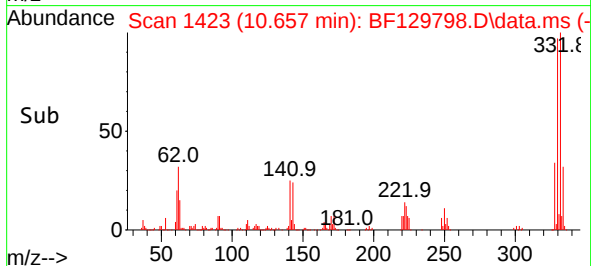
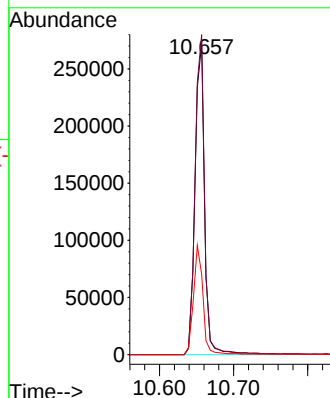
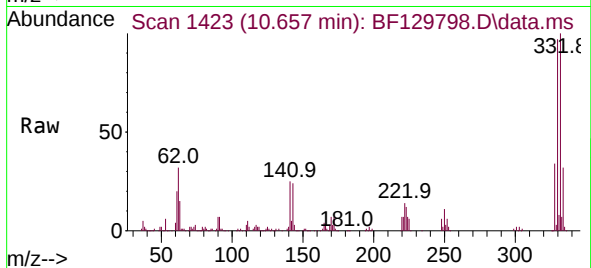
#42
2,4,6-Tribromophenol
Concen: 69.337 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion: 330 Resp: 245019
Ion Ratio Lower Upper
330 100
332 101.9 82.6 124.0
141 34.7 27.6 41.4

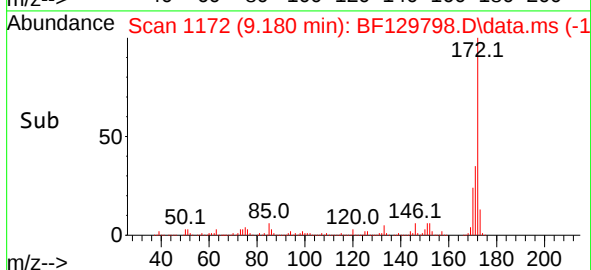
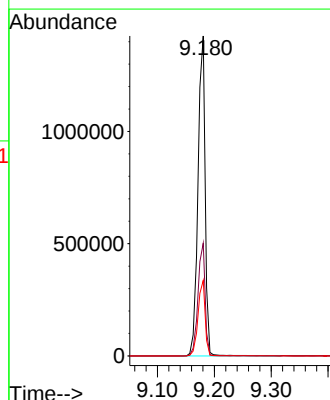
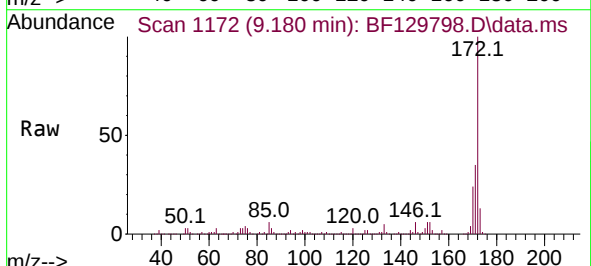
Manual Integrations
APPROVED

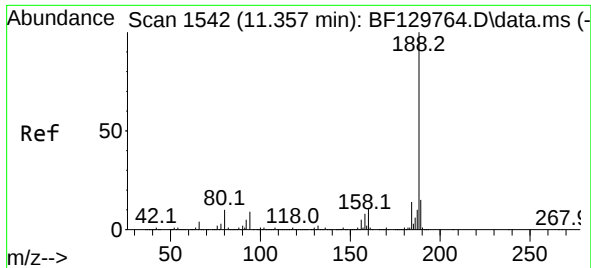
Reviewed By : Christian Giraldo 08/16/2022
Supervised By : Jagrut Upadhyay 08/16/2022



#45
2-Fluorobiphenyl
Concen: 53.653 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion: 172 Resp: 1243789
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.6 19.1 28.7





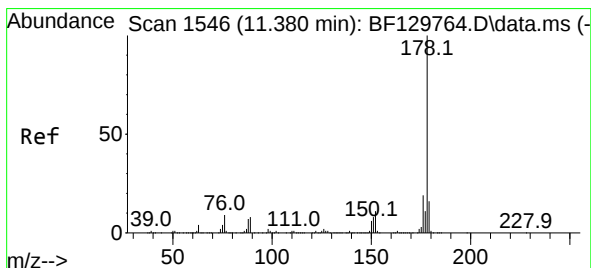
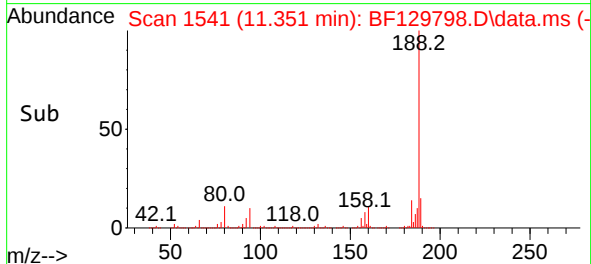
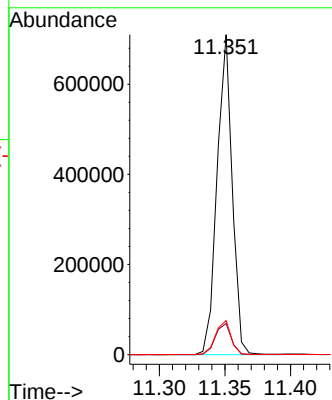
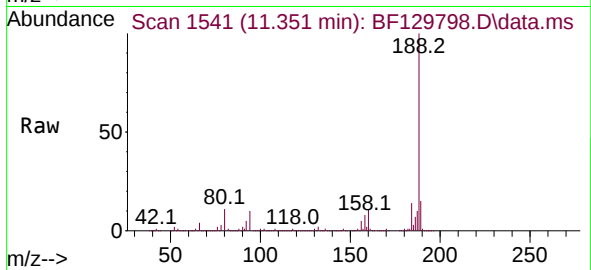
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:188 Resp: 56958
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 7.9 11.9

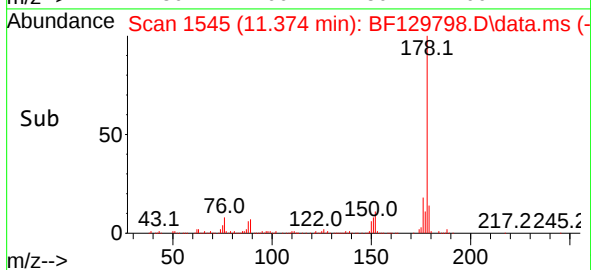
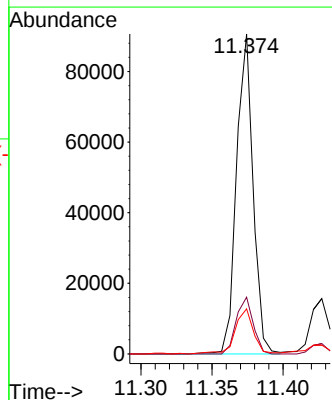
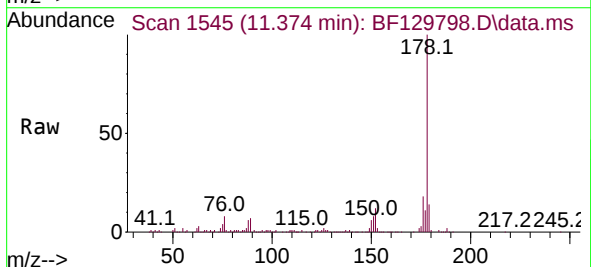
Manual Integrations
APPROVED

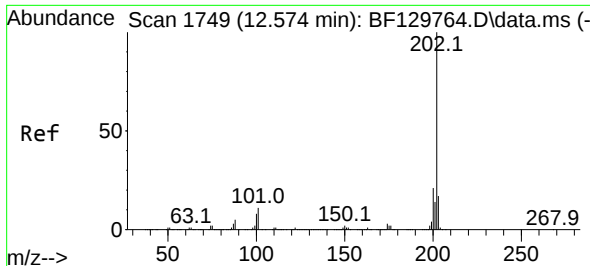
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#71
Phenanthrene
Concen: 2.306 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

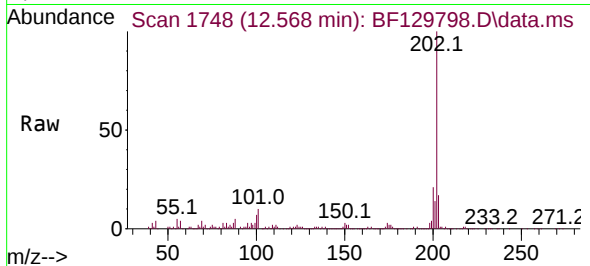
Tgt Ion:178 Resp: 73358
Ion Ratio Lower Upper
178 100
176 17.7 15.5 23.3
179 14.1 12.5 18.7





#75
Fluoranthene
Concen: 3.710 ng
RT: 12.568 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

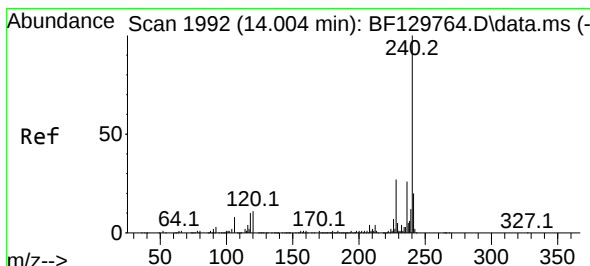
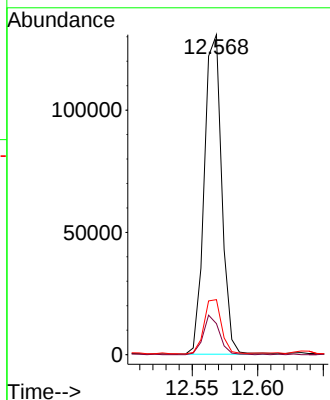
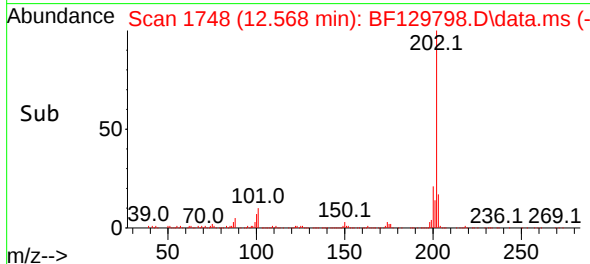
Instrument :
BNA_F
ClientSampleId :
SS-2



Tgt Ion:202 Resp: 120779
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 17.2 0.0 37.5

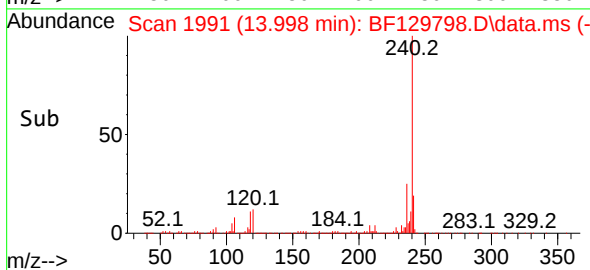
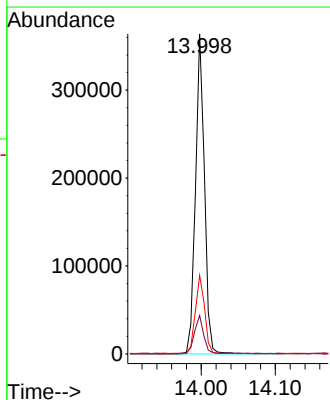
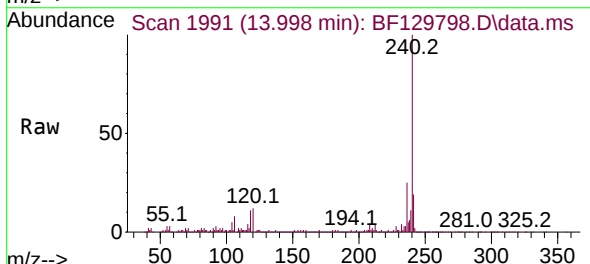
Manual Integrations
APPROVED

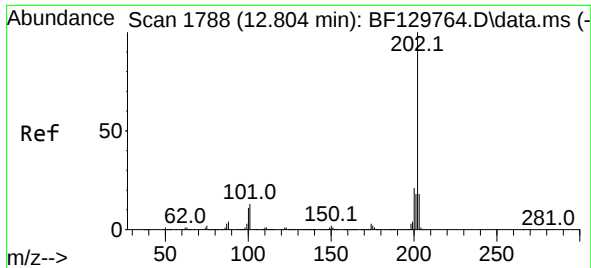
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

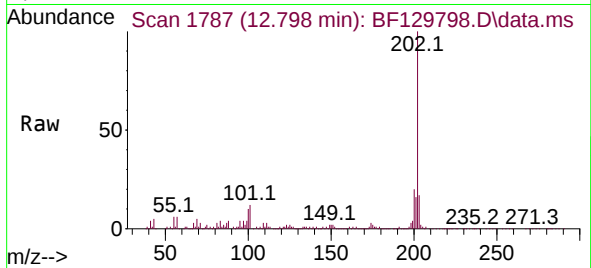
Tgt Ion:240 Resp: 306250
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 24.6 20.7 31.1





#78
Pyrene
Concen: 4.015 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

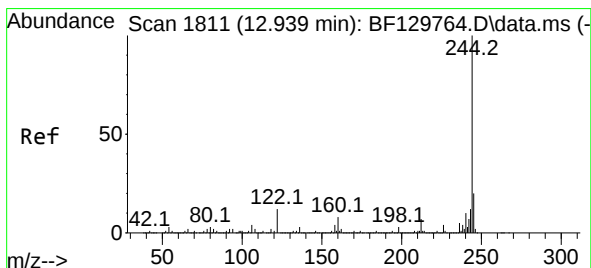
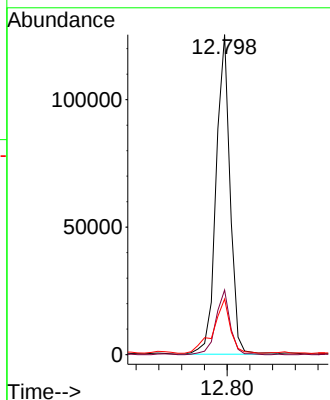
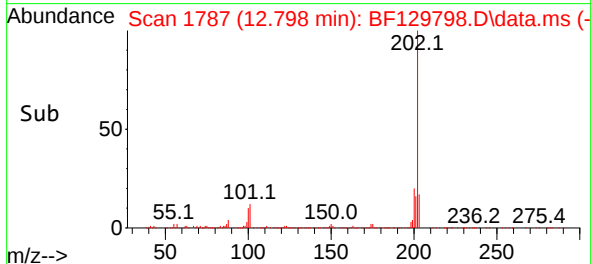
Instrument :
BNA_F
ClientSampleId :
SS-2



Tgt Ion:202 Resp: 10684
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.6
203 17.4 14.1 21.1

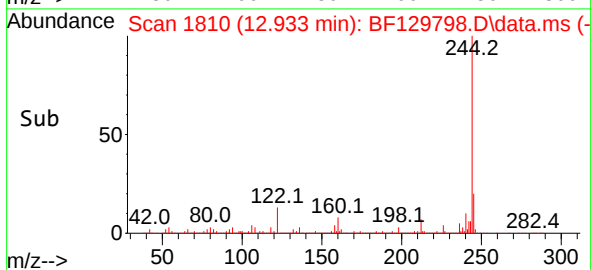
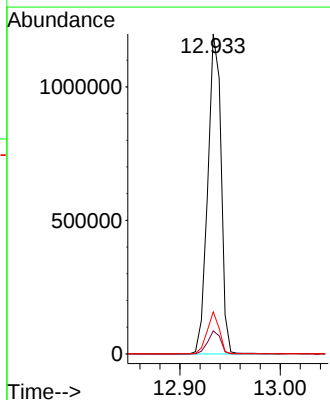
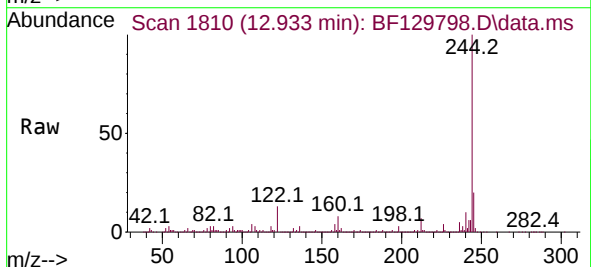
Manual Integrations
APPROVED

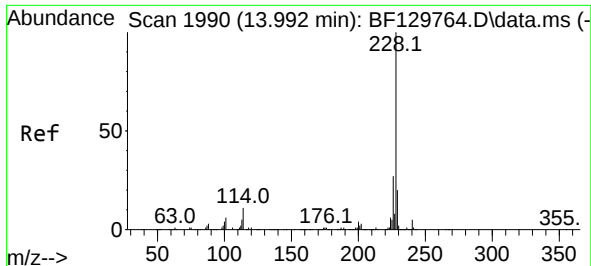
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#79
Terphenyl-d14
Concen: 59.825 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

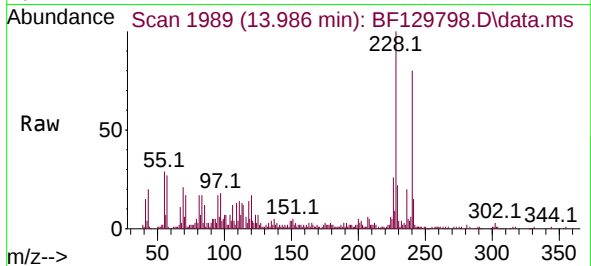
Tgt Ion:244 Resp: 1101090
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.1 9.9 14.9





#81
Benzo(a)anthracene
Concen: 2.011 ng
RT: 13.986 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

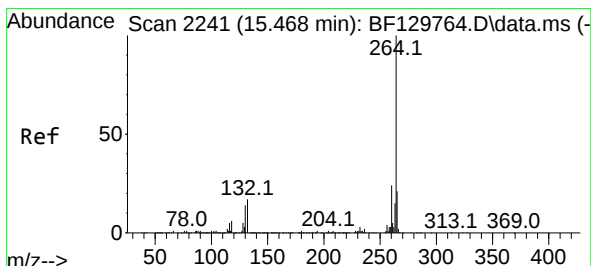
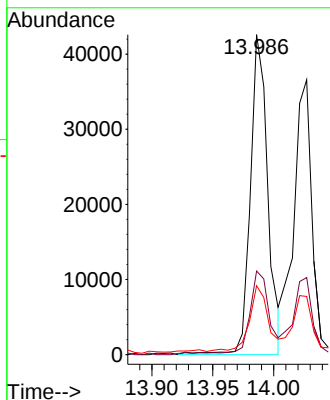
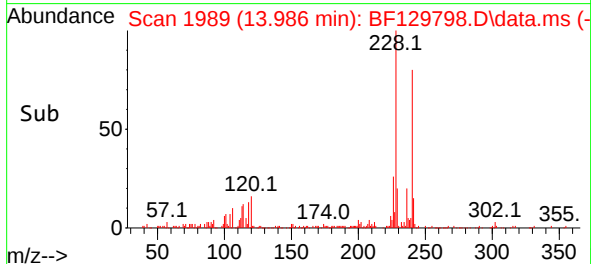
Instrument :
BNA_F
ClientSampleId :
SS-2



Tgt Ion:228 Resp: 42356
Ion Ratio Lower Upper
228 100
226 26.1 21.4 32.0
229 21.5 16.1 24.1

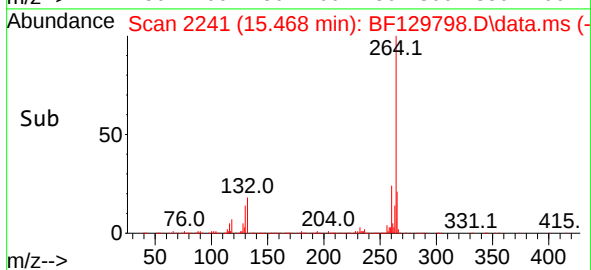
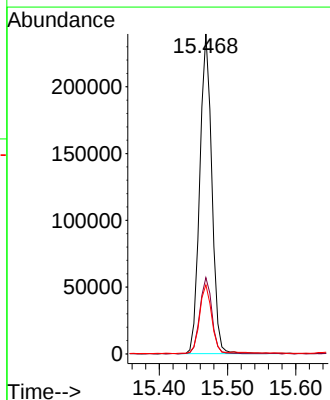
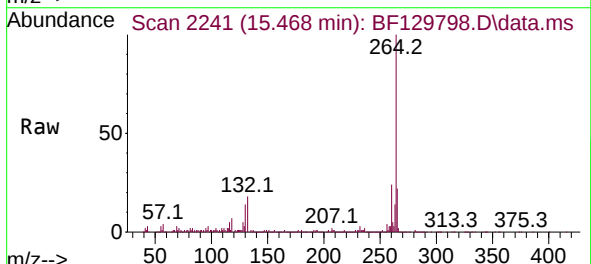
Manual Integrations
APPROVED

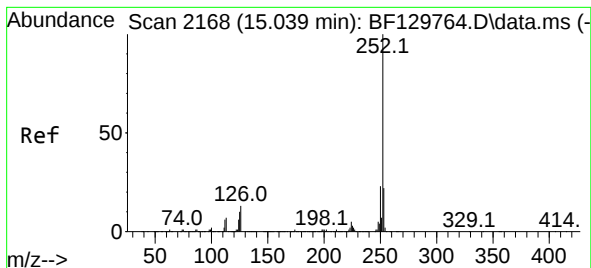
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BF129798.D
Acq: 16 Aug 2022 00:26

Tgt Ion:264 Resp: 294684
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.6 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 2.376 ng m

RT: 15.039 min Scan# 2168

Delta R.T. -0.000 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

Instrument :

BNA_F

ClientSampleId :

SS-2

Tgt Ion:252 Resp: 47953

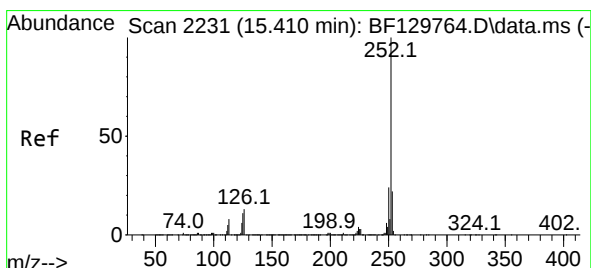
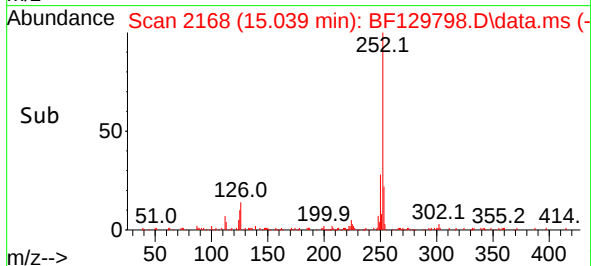
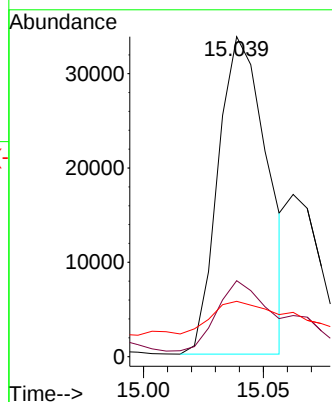
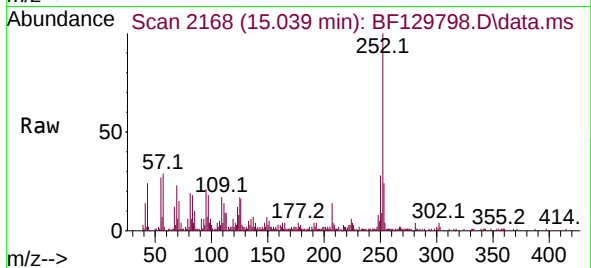
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	17.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/16/2022

Supervised By :Jagrut Upadhyay 08/16/2022



#90

Benzo(a)pyrene

Concen: 2.161 ng

RT: 15.409 min Scan# 2231

Delta R.T. -0.000 min

Lab File: BF129798.D

Acq: 16 Aug 2022 00:26

Tgt Ion:252 Resp: 34334

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	14.8	8.8	13.2

