

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129632.D
 Acq On : 08 Aug 2022 14:48
 Operator : CG\JU
 Sample : N4091-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-164718

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 08 15:43:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	174177	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	663571	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	315245	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	462490	20.000	ng	0.00
76) Chrysene-d12	14.021	240	346121	20.000	ng	0.00
86) Perylene-d12	15.498	264	266178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1091655	102.098	ng	0.00
7) Phenol-d6	6.493	99	1369943	101.934	ng	-0.01
23) Nitrobenzene-d5	7.410	82	839659	69.074	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	288885	95.315	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1380246	67.731	ng	-0.01
79) Terphenyl-d14	12.957	244	1124002	61.265	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	110490	4.319	ng	99
78) Pyrene	12.816	202	144993	5.010	ng	98
81) Benzo(a)anthracene	14.010	228	89212	3.773	ng	97
83) Chrysene	14.045	228	120490	5.407	ng	98
88) Benzo(b)fluoranthene	15.063	252	137820m	7.806	ng	
89) Benzo(k)fluoranthene	15.092	252	43617m	2.521	ng	
90) Benzo(a)pyrene	15.433	252	68611	4.787	ng	# 92

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

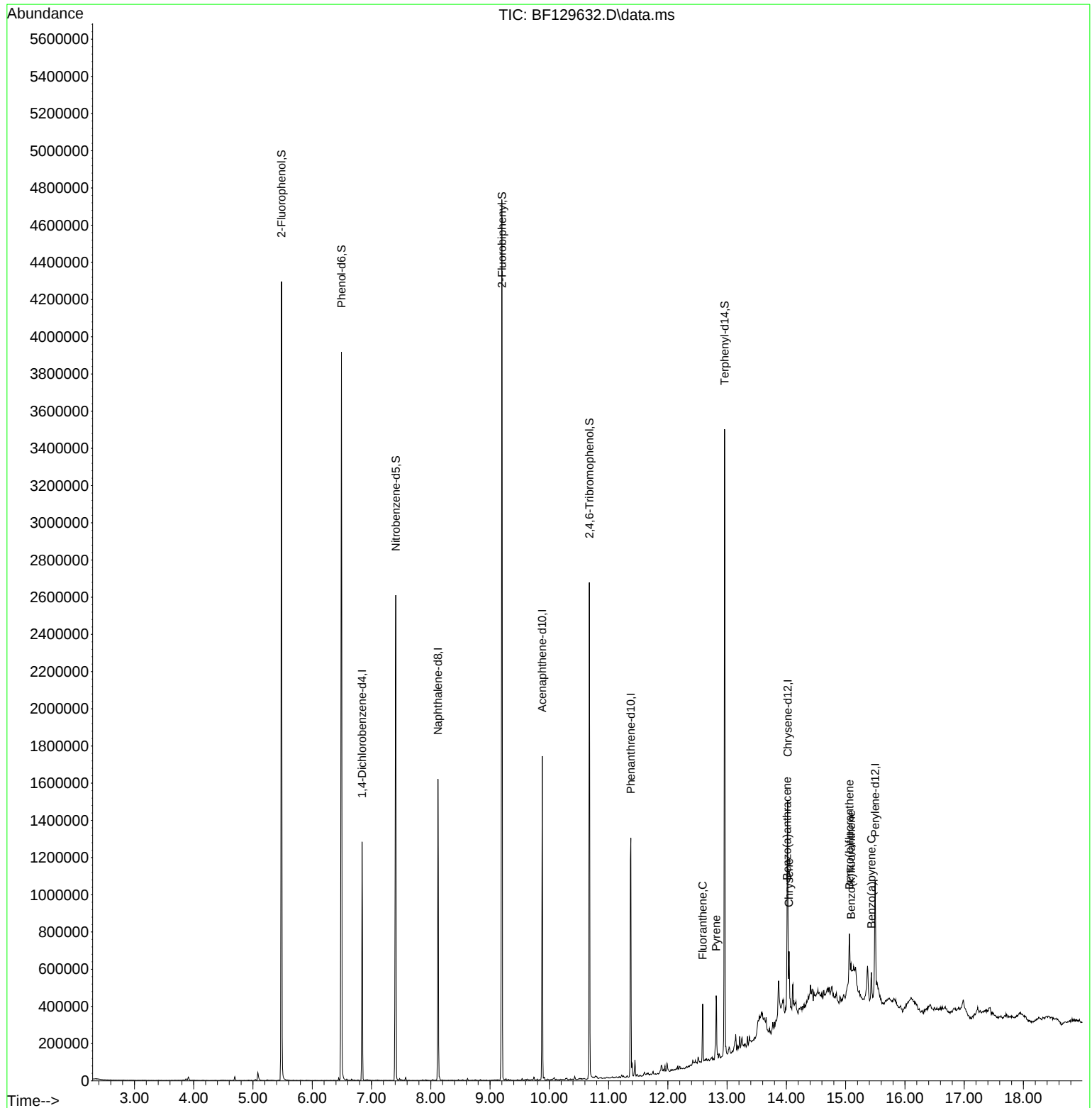
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129632.D
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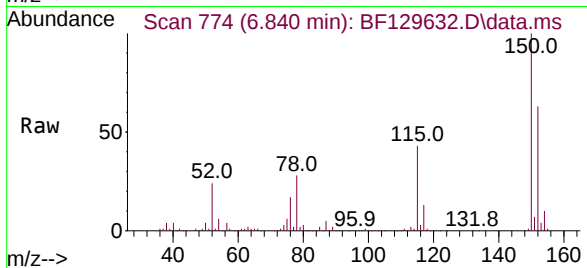
Quant Time: Aug 08 15:43:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

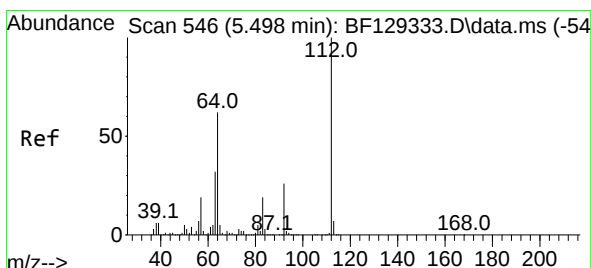
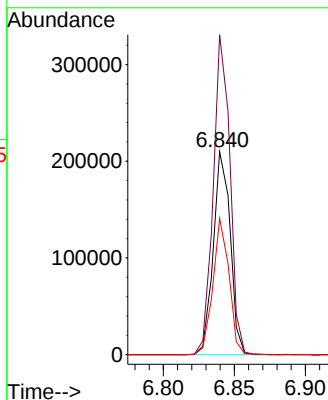
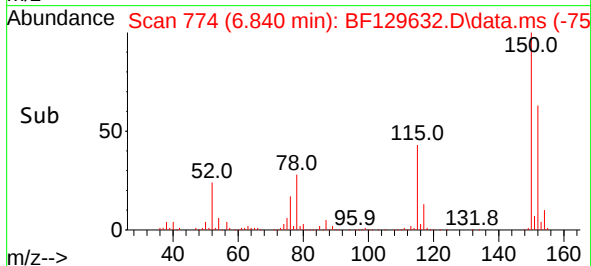
Instrument :
BNA_F
ClientSampleId :
PSC-164718



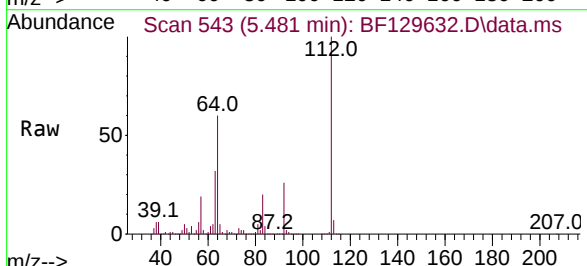
Tgt Ion:152 Resp: 17417
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 67.1 49.9 74.9

Manual Integrations
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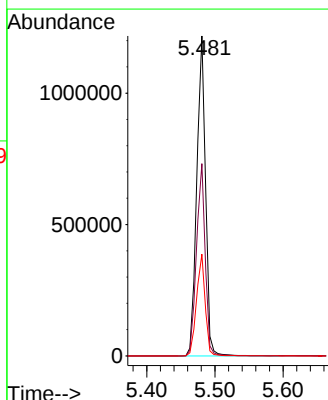
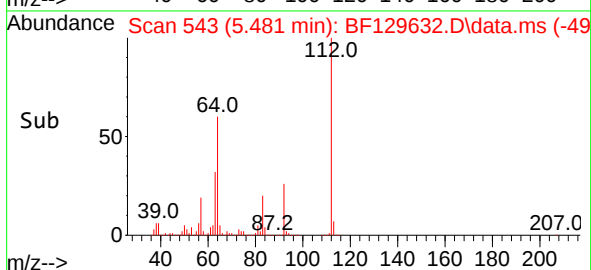
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

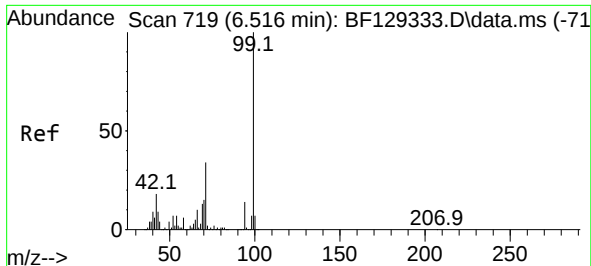


#5
2-Fluorophenol
Concen: 102.098 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48



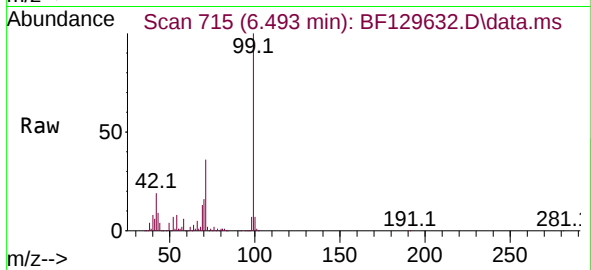
Tgt Ion:112 Resp: 1091655
Ion Ratio Lower Upper
112 100
64 60.1 53.3 79.9
63 31.8 28.0 42.0





#7
Phenol-d6
Concen: 101.934 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

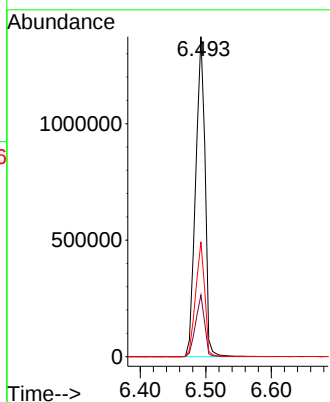
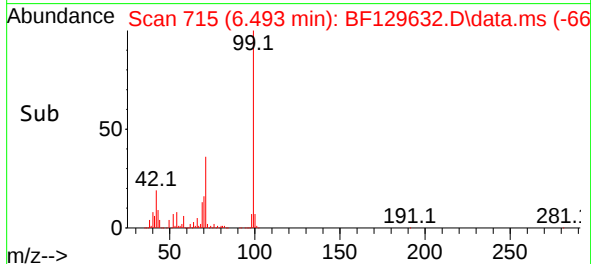
Instrument :
BNA_F
ClientSampleId :
PSC-164718



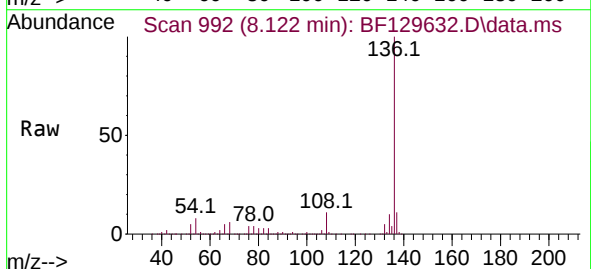
Tgt Ion: 99 Resp: 1369943
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 35.9 28.9 43.3

Manual Integrations
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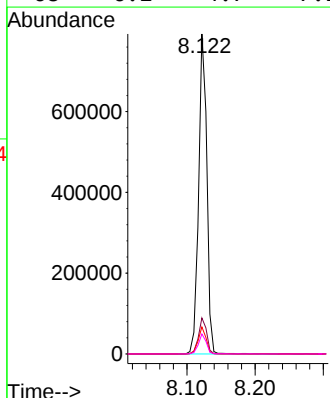
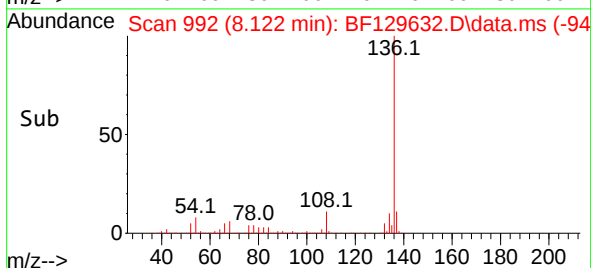
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48



Tgt Ion:136 Resp: 663571
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.4 7.5 11.3
68 6.2 4.7 7.1





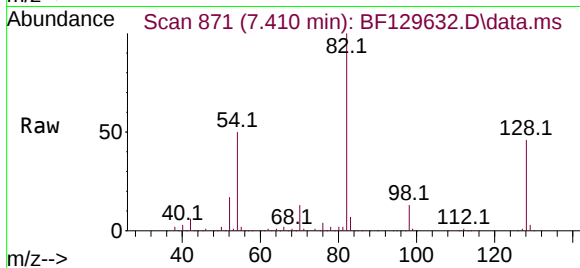
#23
Nitrobenzene-d5
Concen: 69.074 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PSC-164718

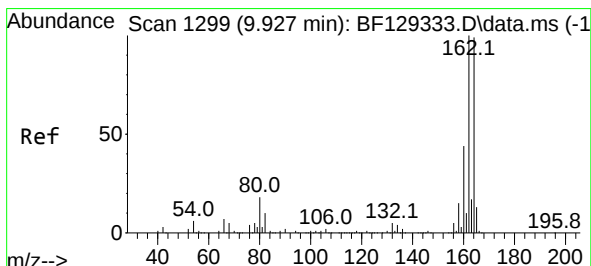
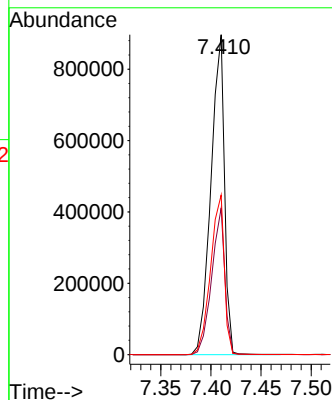
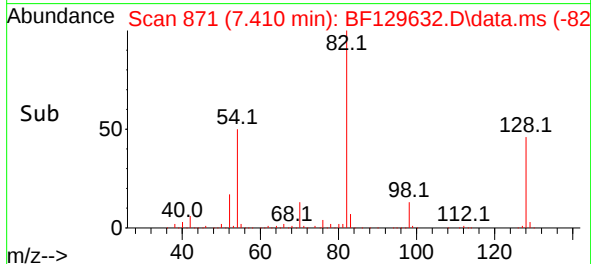


Tgt Ion: 82 Resp: 839659
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 49.9 46.9 70.3

Manual Integrations

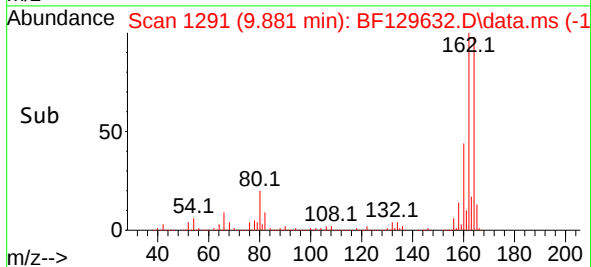
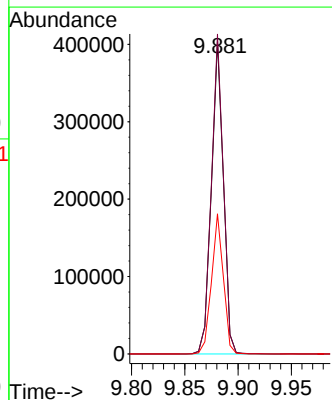
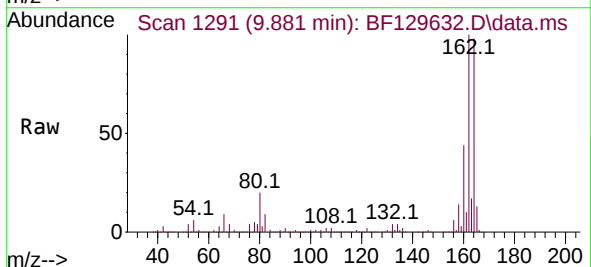
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Reviewed By :Christian Giraldo 08/09/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

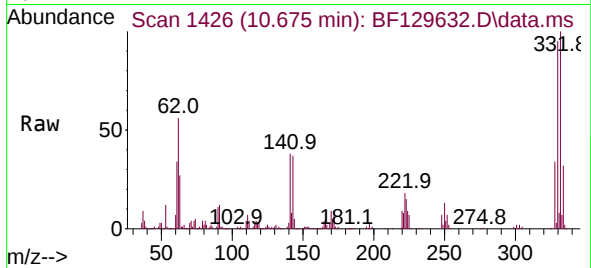
Tgt Ion:164 Resp: 315245
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 95.315 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

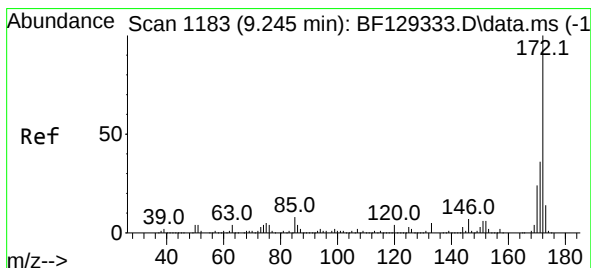
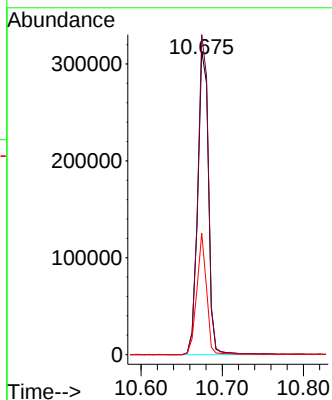
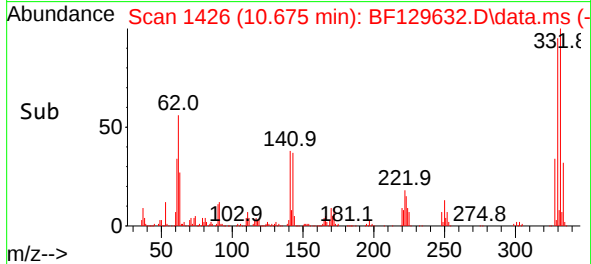
Instrument :
BNA_F
ClientSampleId :
PSC-164718



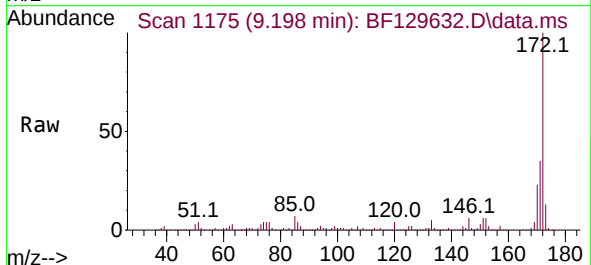
Tgt Ion: 330 Resp: 288885
Ion Ratio Lower Upper
330 100
332 103.9 76.8 115.2
141 36.0 28.0 42.0

Manual Integrations
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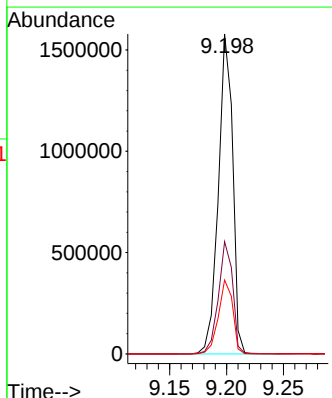
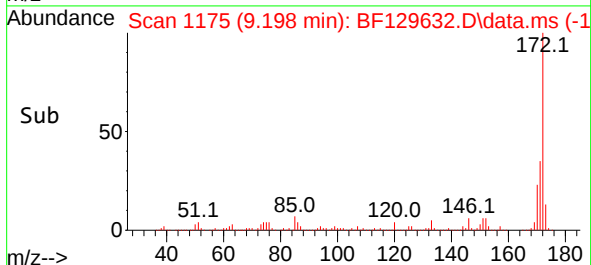
Reviewed By : Christian Giraldo 08/09/2022
Supervised By : Jagrut Upadhyay 08/09/2022

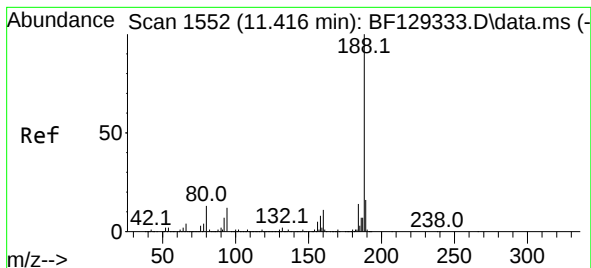


#45
2-Fluorobiphenyl
Concen: 67.731 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48



Tgt Ion: 172 Resp: 1380246
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.1 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PSC-164718

Tgt Ion:188 Resp: 462490

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

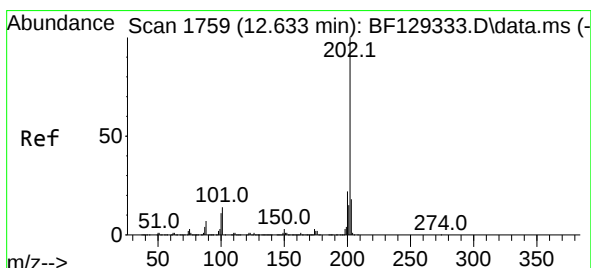
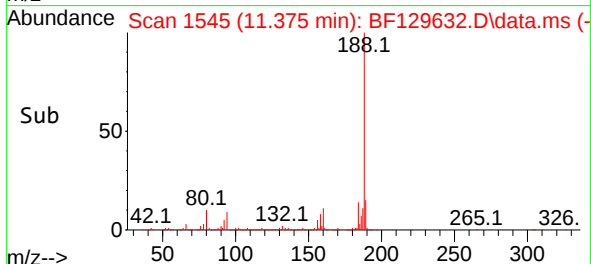
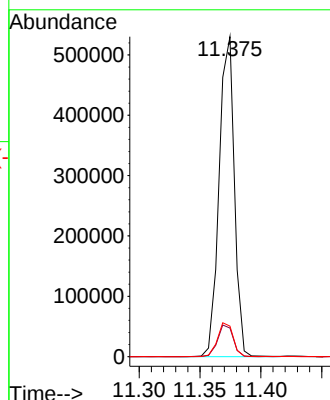
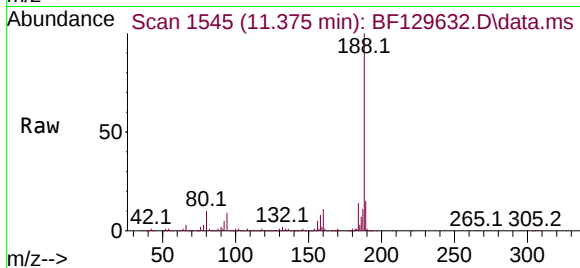
80 9.5 7.6 11.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/09/2022

Supervised By :Jagrut Upadhyay 08/09/2022



#75

Fluoranthene

Concen: 4.319 ng

RT: 12.586 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

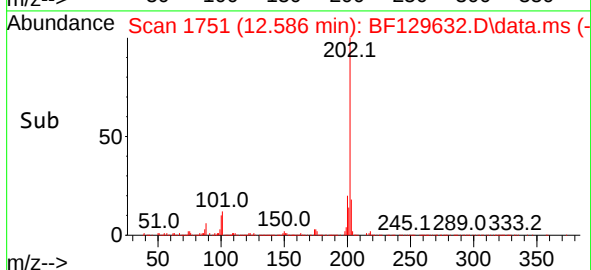
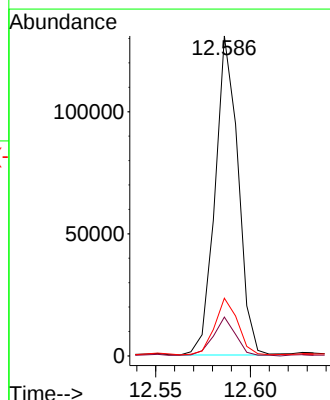
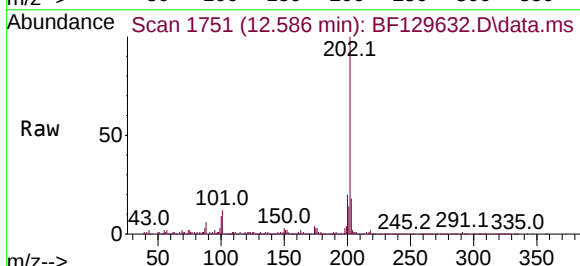
Tgt Ion:202 Resp: 110490

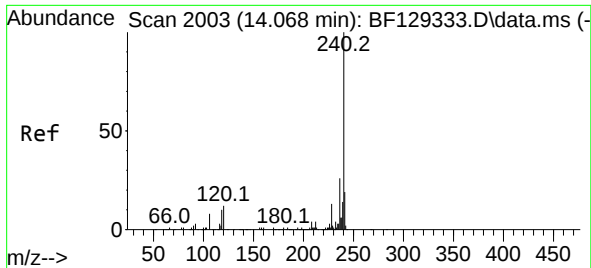
Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.4

203 18.0 0.0 38.0





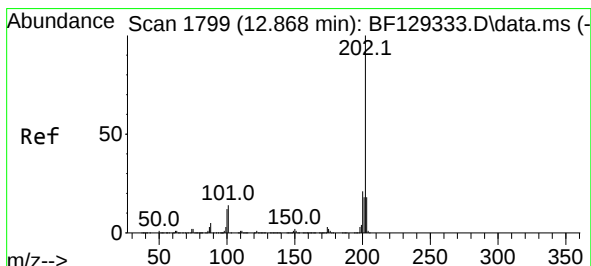
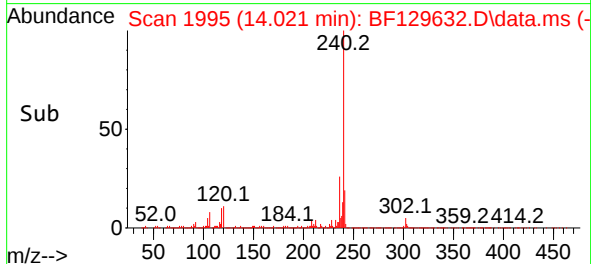
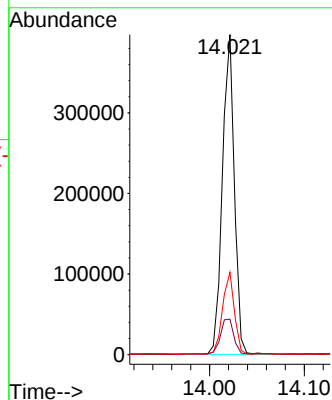
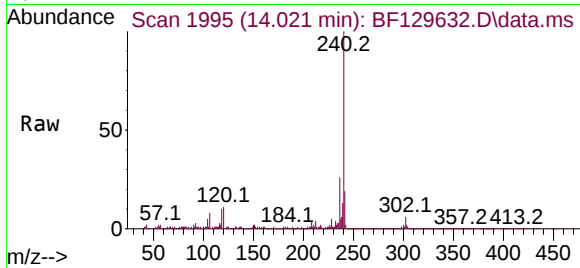
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Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Tgt Ion:240 Resp: 34612
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.7 20.8 31.2

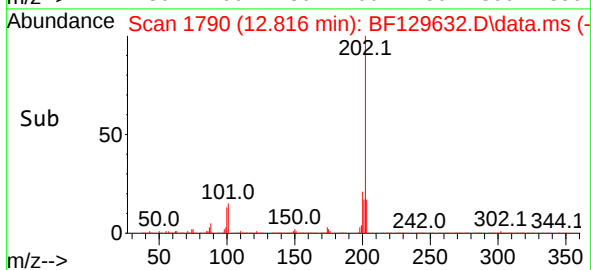
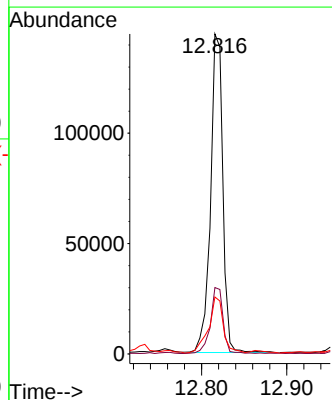
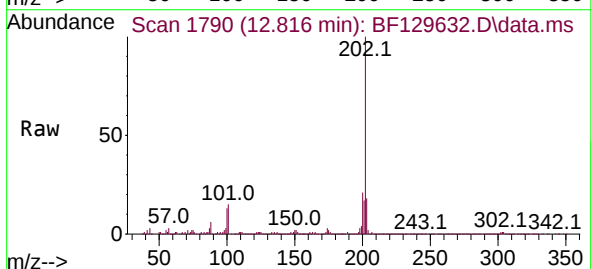
Manual Integrations
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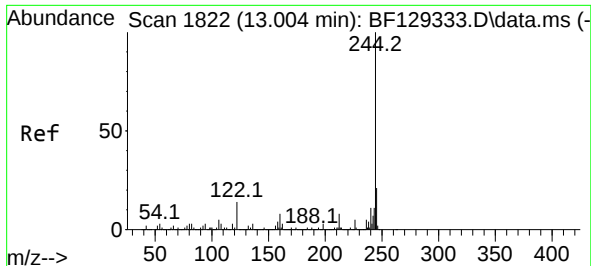
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#78
Pyrene
Concen: 5.010 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

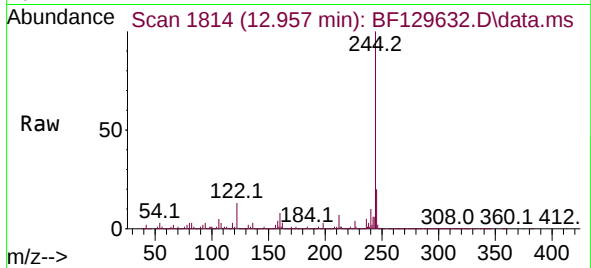
Tgt Ion:202 Resp: 144993
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 17.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 61.265 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129632.D
 Acq: 08 Aug 2022 14:48

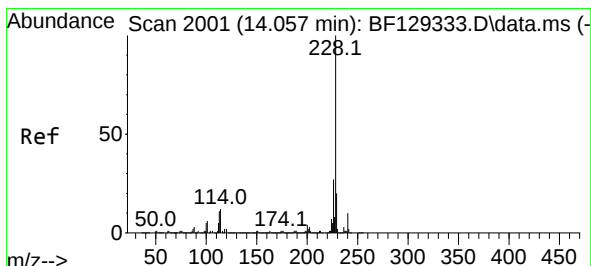
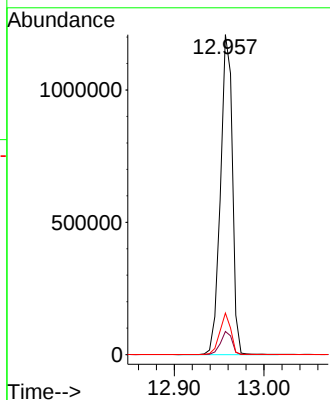
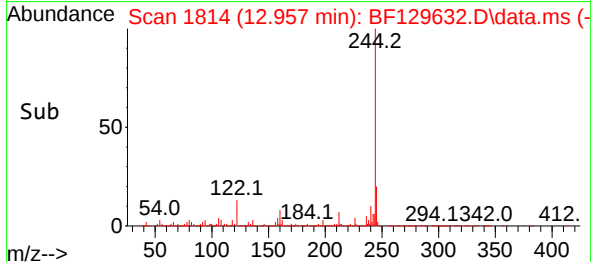
Instrument :
 BNA_F
 ClientSampleId :
 PSC-164718



Tgt Ion:244 Resp: 1124002
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.0 8.8 13.2

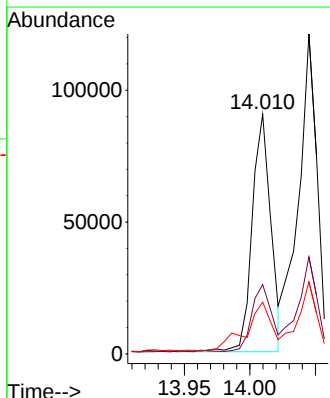
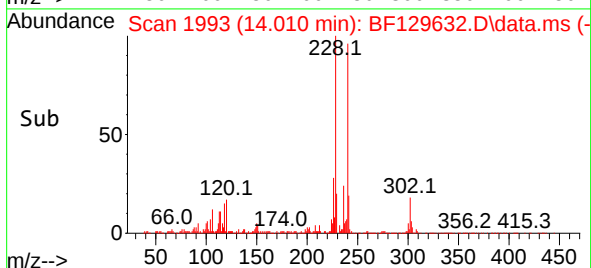
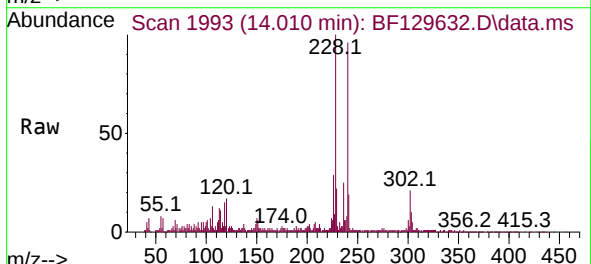
Manual Integrations
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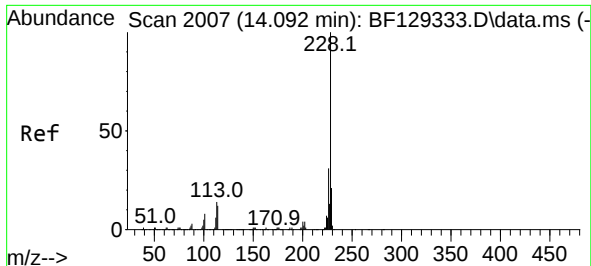
Reviewed By :Christian Giraldo 08/09/2022
 Supervised By :Jagrut Upadhyay 08/09/2022



#81
 Benzo(a)anthracene
 Concen: 3.773 ng
 RT: 14.010 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BF129632.D
 Acq: 08 Aug 2022 14:48

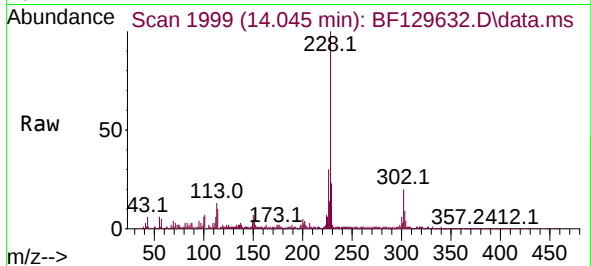
Tgt Ion:228 Resp: 89212
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.1 33.1
 229 21.6 15.8 23.8





#83
Chrysene
Concen: 5.407 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

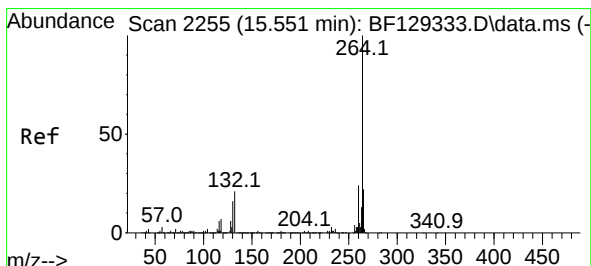
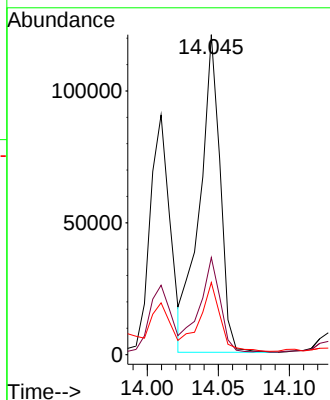
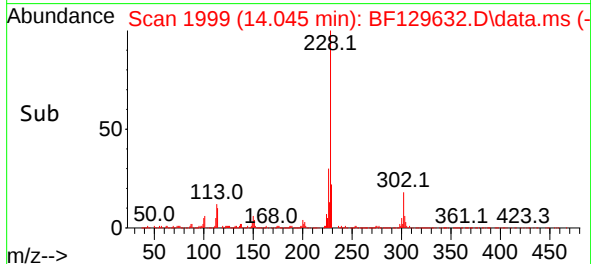
Instrument :
BNA_F
ClientSampleId :
PSC-164718



Tgt Ion:228 Resp: 120490
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.5 15.9 23.9

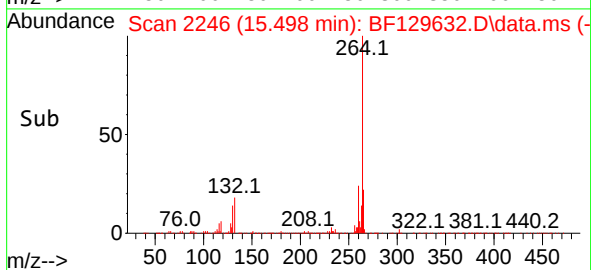
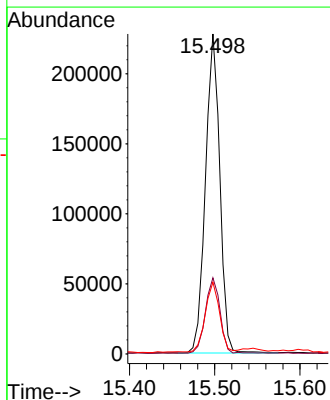
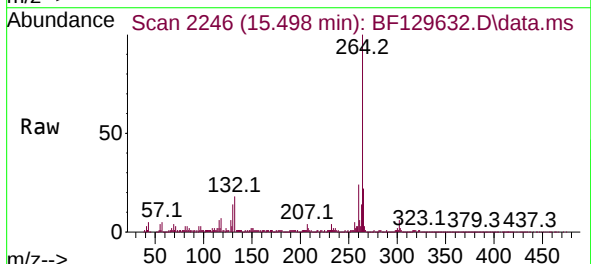
Manual Integrations
APPROVED

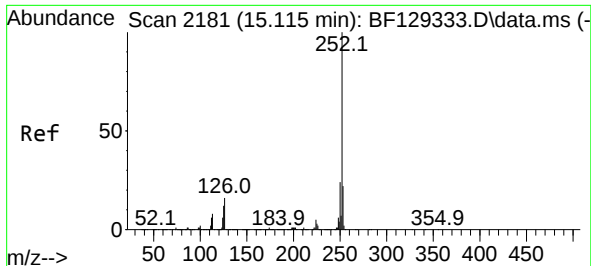
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.006 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

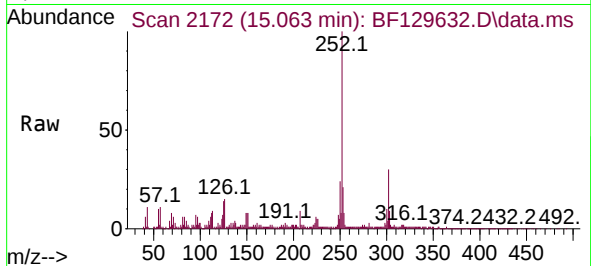
Tgt Ion:264 Resp: 266178
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.4 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 7.806 ng m
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

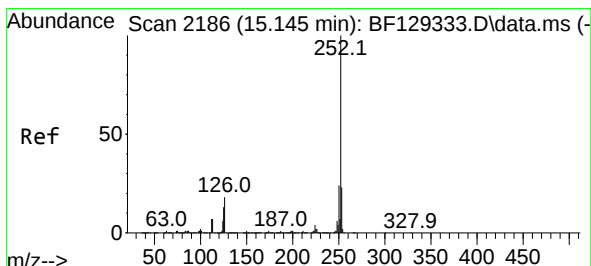
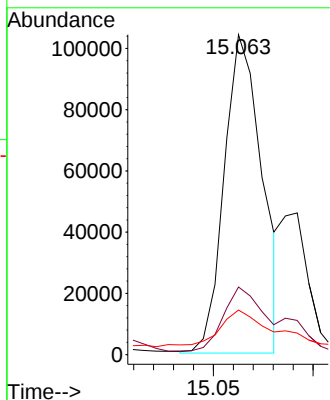
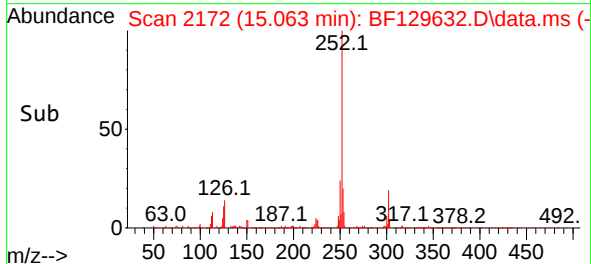
Instrument : BNA_F
ClientSampleId : PSC-164718



Tgt Ion:252 Resp: 137820
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 13.9 8.0 12.0

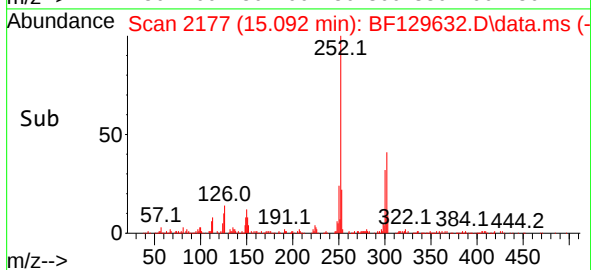
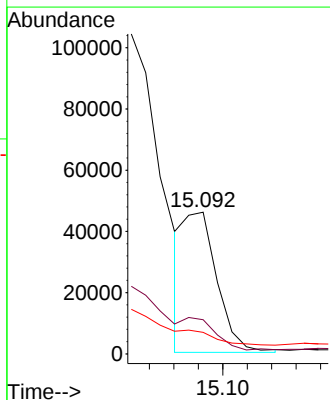
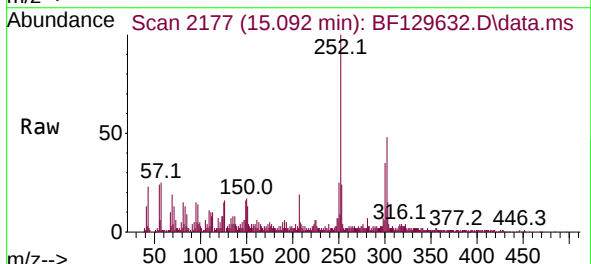
Manual Integrations
APPROVED

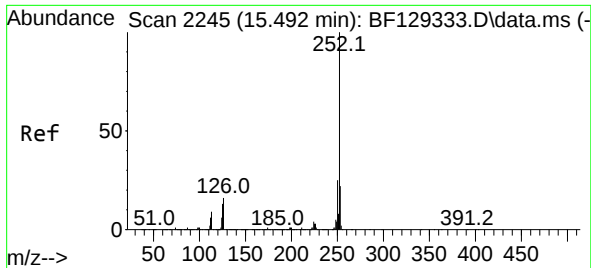
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#89
Benzo(k)fluoranthene
Concen: 2.521 ng m
RT: 15.092 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

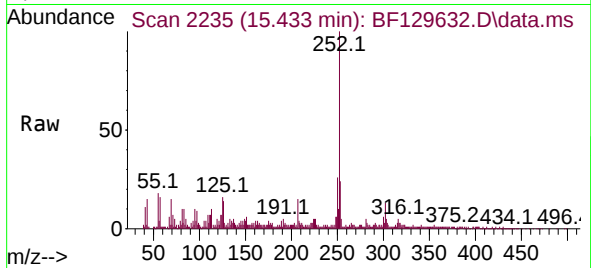
Tgt Ion:252 Resp: 43617
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 15.2 8.3 12.5





#90
Benzo(a)pyrene
Concen: 4.787 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Instrument :
BNA_F
ClientSampleId :
PSC-164718



Tgt Ion:252 Resp: 68611
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 16.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

