

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129516.D
 Acq On : 02 Aug 2022 19:58
 Operator : CG\JU
 Sample : N3895-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-58

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022
 Supervised By : Jagrut Upadhyay 08/03/2022

Quant Time: Aug 03 01:47:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	159553	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	631857	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	313360	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	429212	20.000	ng	0.00
76) Chrysene-d12	14.045	240	297461	20.000	ng	0.00
86) Perylene-d12	15.533	264	266110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	985247	100.591	ng	0.00
7) Phenol-d6	6.522	99	1238033	100.562	ng	0.00
23) Nitrobenzene-d5	7.440	82	811412	70.101	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	282380	93.729	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1441768	71.175	ng	0.00
79) Terphenyl-d14	12.986	244	1108720	70.318	ng	0.00
Target Compounds						
71) Phenanthrene	11.428	178	60475	2.581	ng	98
75) Fluoranthene	12.616	202	84843	3.574	ng	98
78) Pyrene	12.845	202	88119	3.543	ng	99
83) Chrysene	14.074	228	55565	2.902	ng	96
88) Benzo(b)fluoranthene	15.098	252	67222m	3.808	ng	
90) Benzo(a)pyrene	15.468	252	36094	2.519	ng	# 89

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

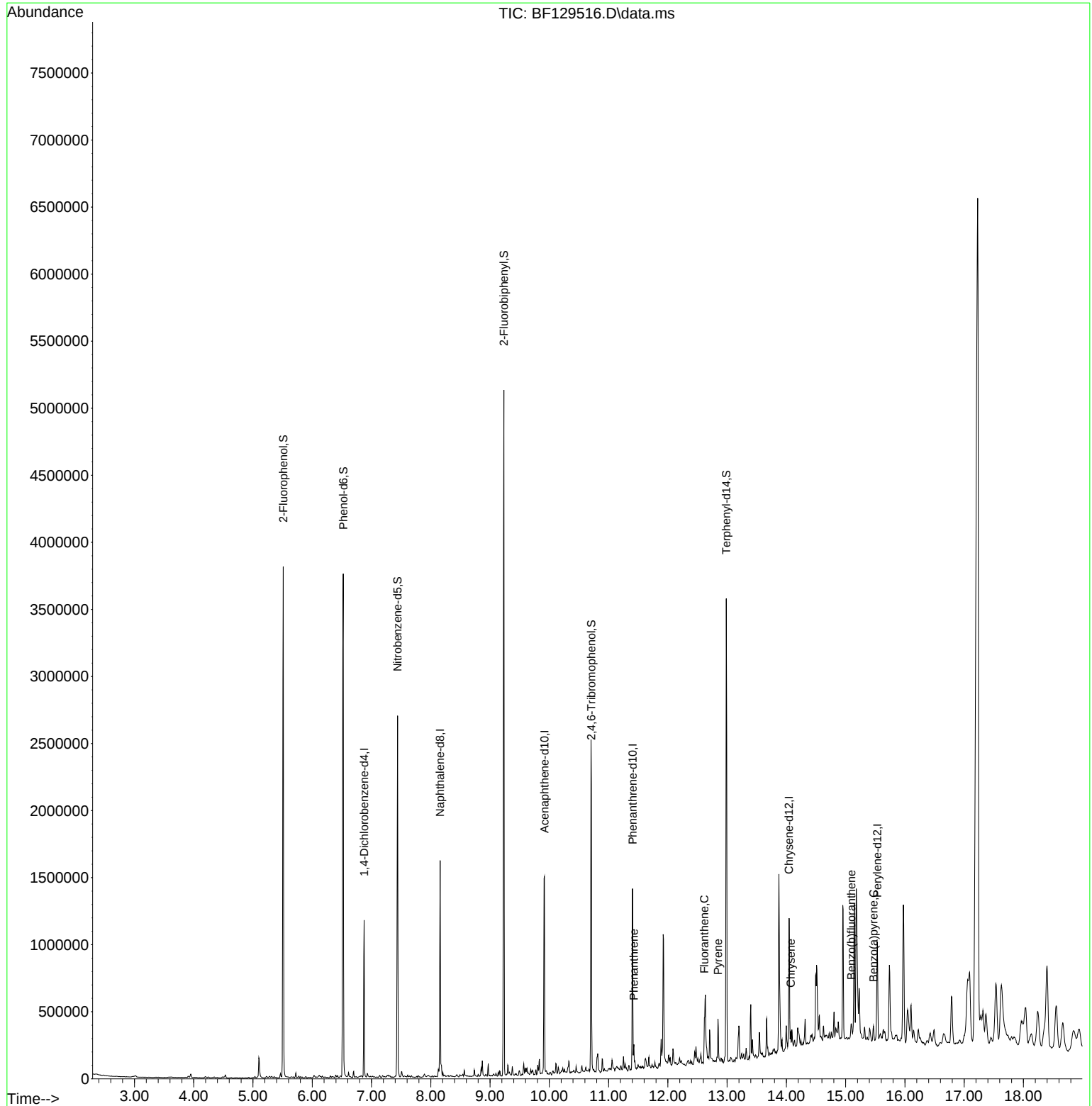
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129516.D
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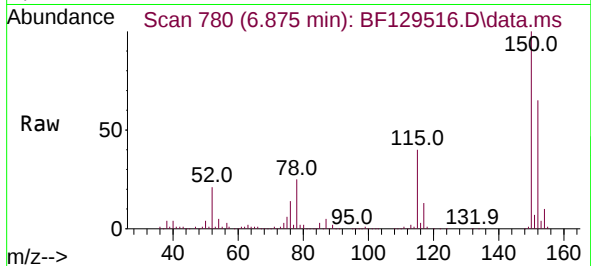
Quant Time: Aug 03 01:47:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

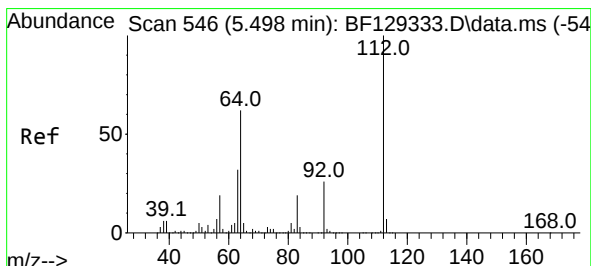
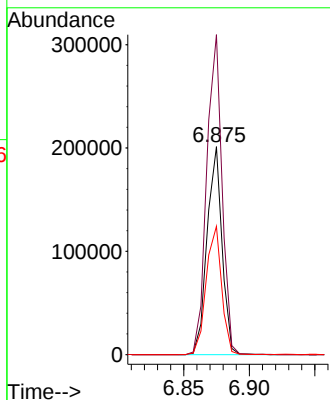
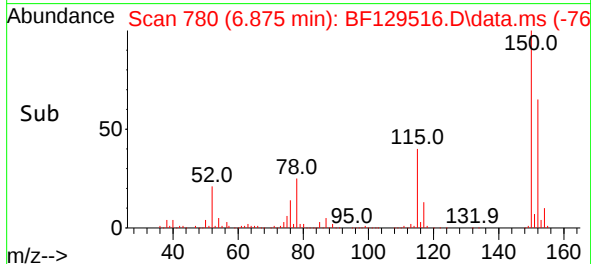
Instrument :
BNA_F
ClientSampleId :
RVE-58



Tgt Ion:152 Resp: 159553
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 61.7 49.9 74.9

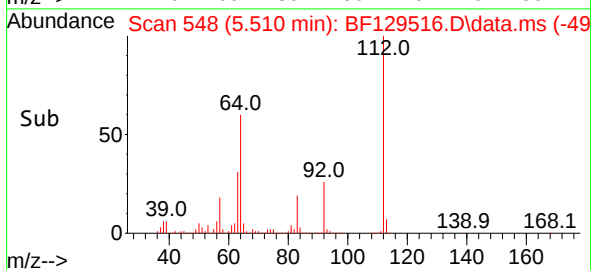
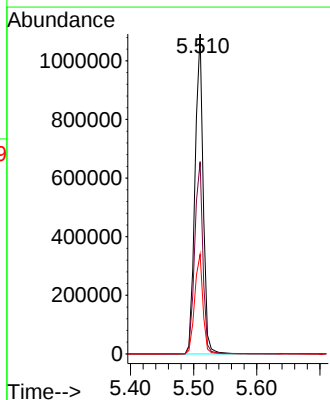
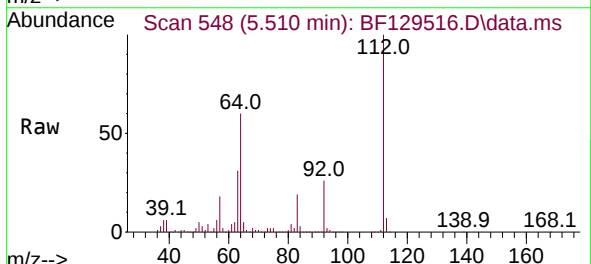
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Supervised By :Jagrut Upadhyay 08/03/2022



#5
2-Fluorophenol
Concen: 100.591 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

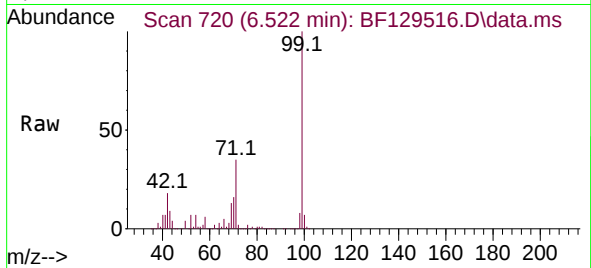
Tgt Ion:112 Resp: 985247
Ion Ratio Lower Upper
112 100
64 60.1 53.3 79.9
63 31.1 28.0 42.0





#7
Phenol-d6
Concen: 100.562 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

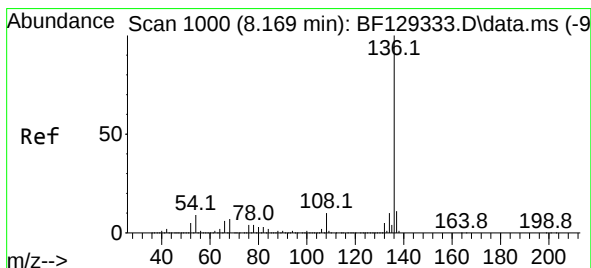
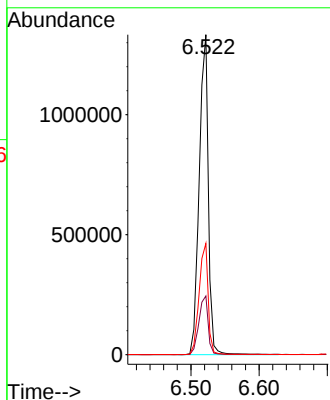
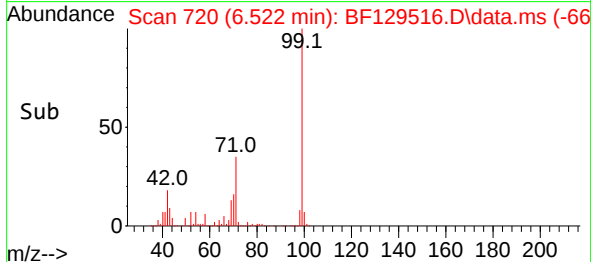
Instrument :
BNA_F
ClientSampleId :
RVE-58



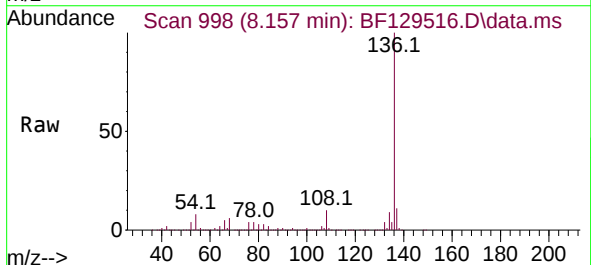
Tgt Ion: 99 Resp: 1238033
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 34.7 28.9 43.3

Manual Integrations
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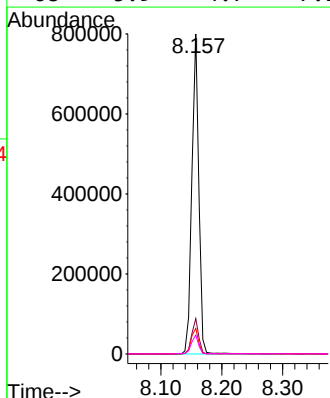
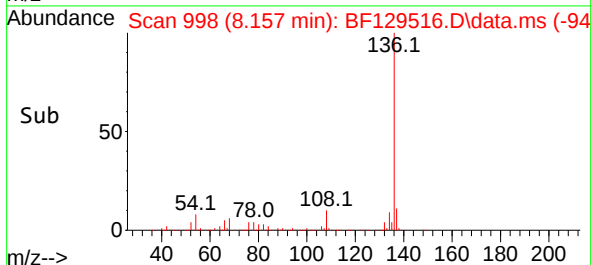
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

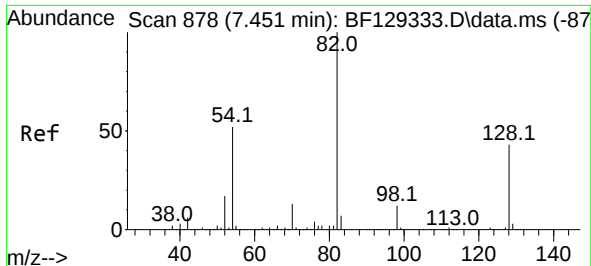


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58



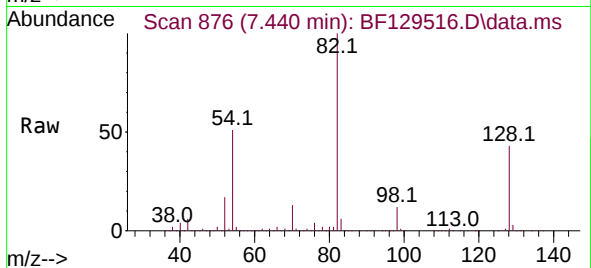
Tgt Ion:136 Resp: 631857
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 70.101 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

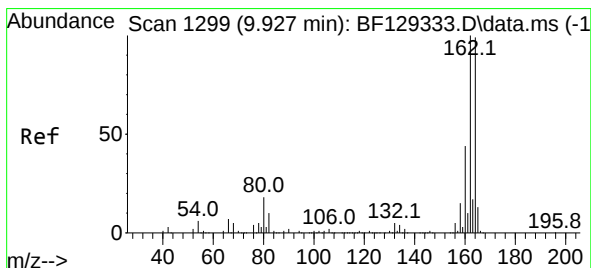
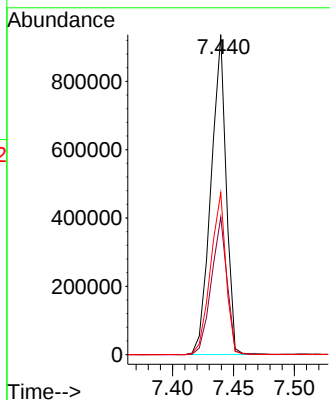
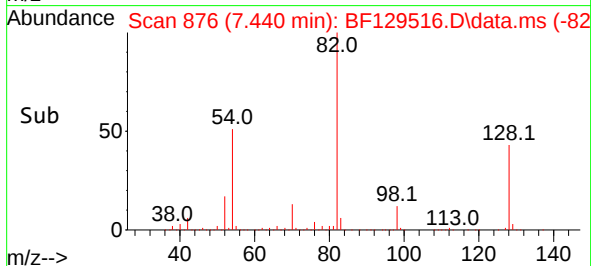
Instrument :
BNA_F
ClientSampleId :
RVE-58



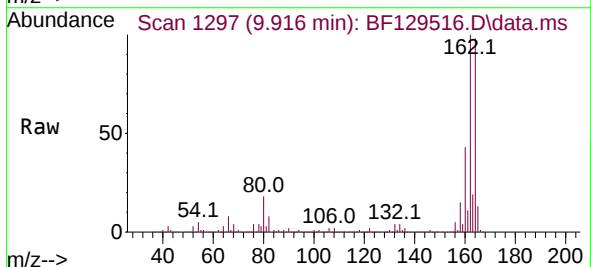
Tgt Ion: 82 Resp: 811412
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 50.6 46.9 70.3

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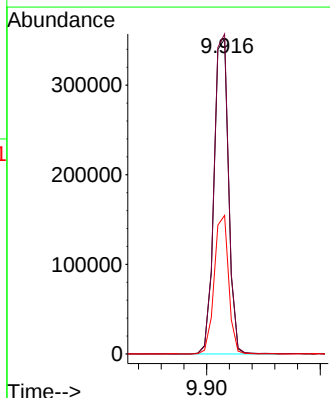
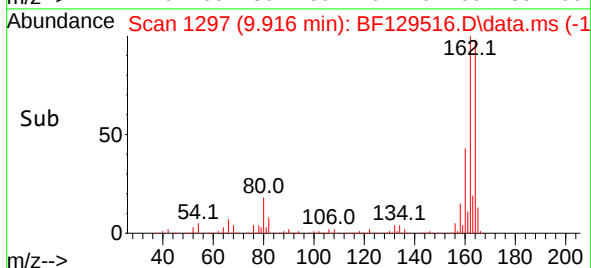
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Supervised By :Jagrut Upadhyay 08/03/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58



Tgt Ion:164 Resp: 313360
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.0 34.2 51.4





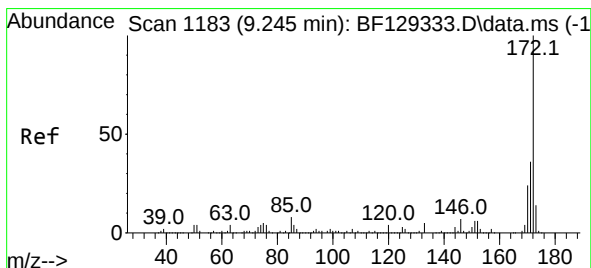
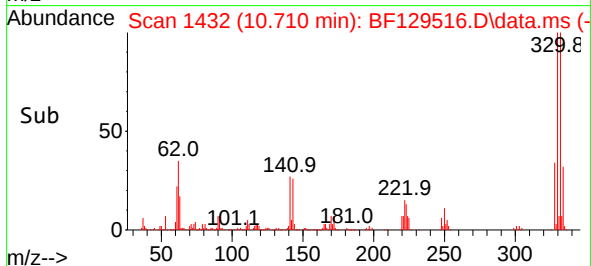
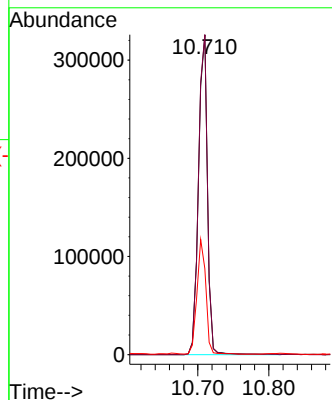
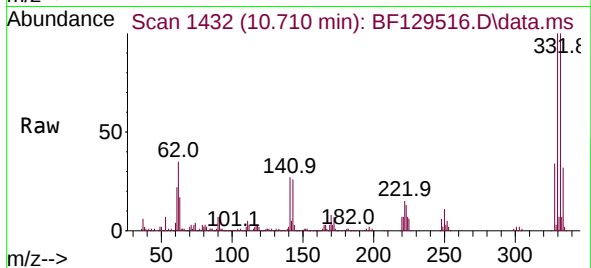
#42
2,4,6-Tribromophenol
Concen: 93.729 ng
RT: 10.710 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
RVE-58

Tgt Ion:330 Resp: 282380
Ion Ratio Lower Upper
330 100
332 100.7 76.8 115.2
141 35.9 28.0 42.0

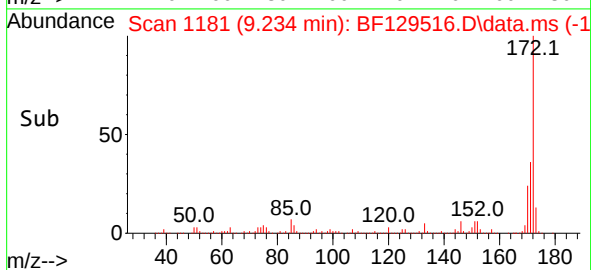
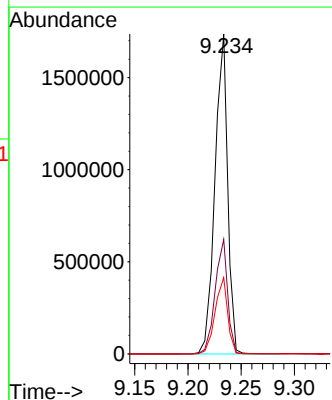
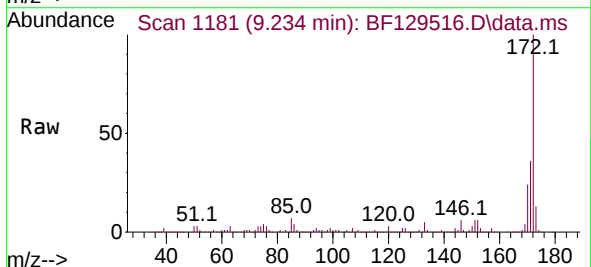
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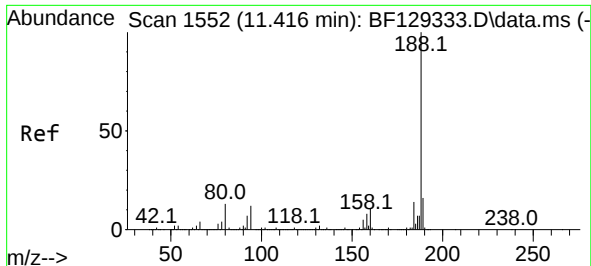
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#45
2-Fluorobiphenyl
Concen: 71.175 ng
RT: 9.234 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:172 Resp: 1441768
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.8 19.8 29.8





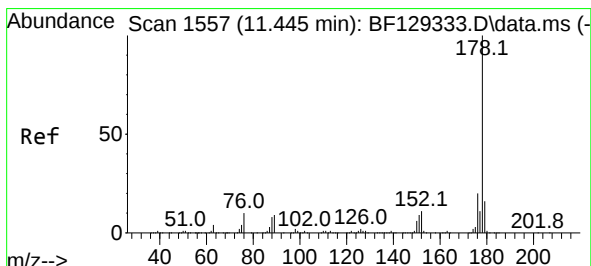
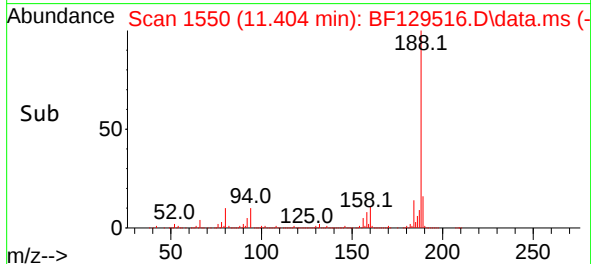
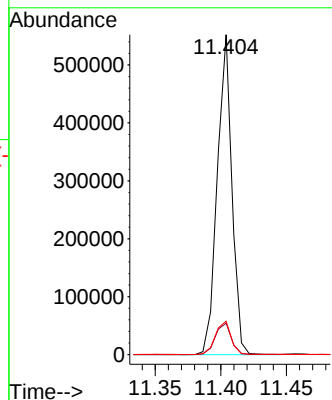
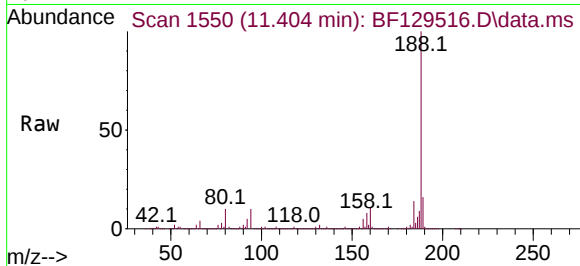
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
RVE-58

Tgt Ion:188 Resp: 429212
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.4 7.6 11.4

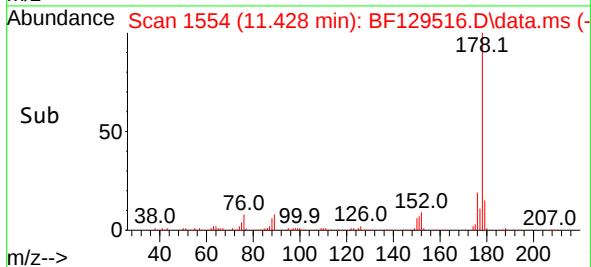
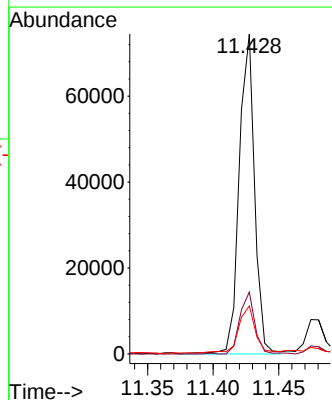
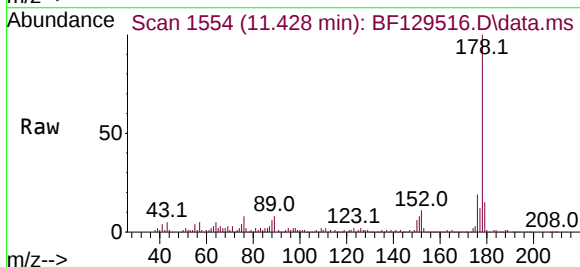
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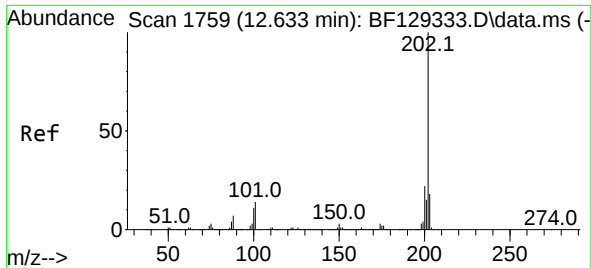
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#71
Phenanthrene
Concen: 2.581 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

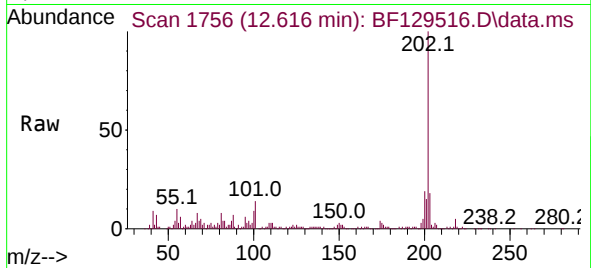
Tgt Ion:178 Resp: 60475
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.0 12.6 19.0





#75
Fluoranthene
Concen: 3.574 ng
RT: 12.616 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

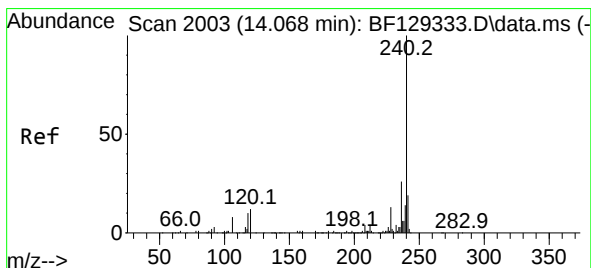
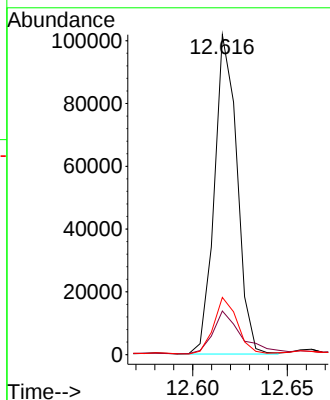
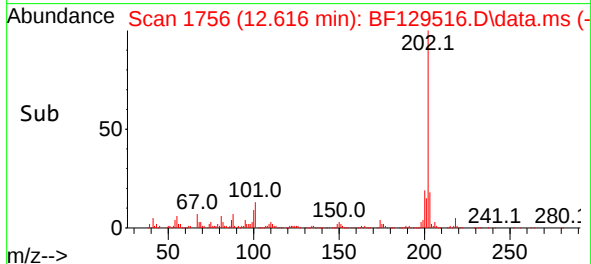
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RVE-58



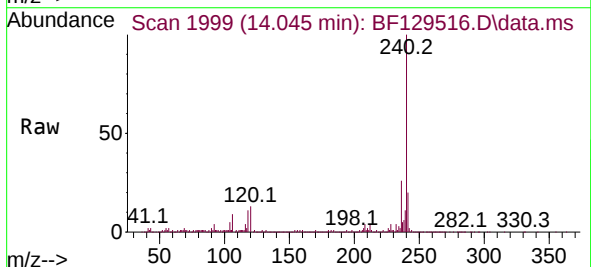
Tgt Ion:202 Resp: 84843
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
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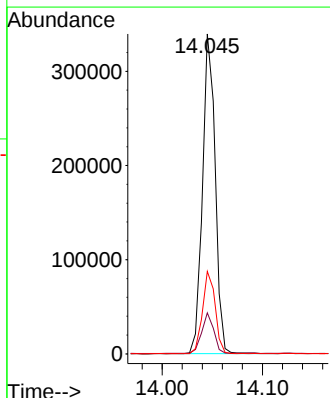
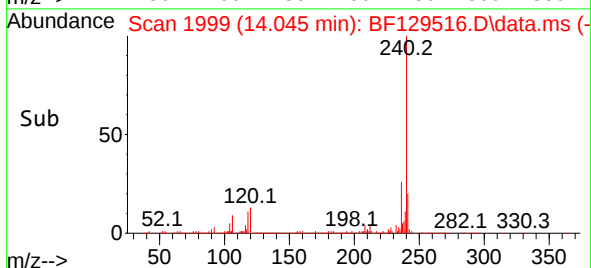
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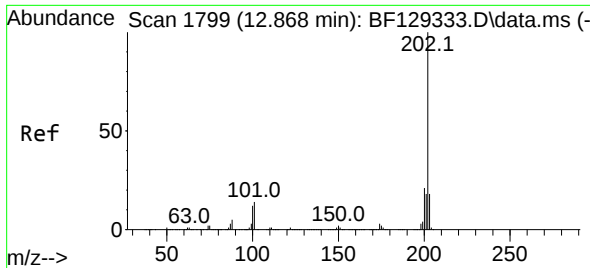


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58



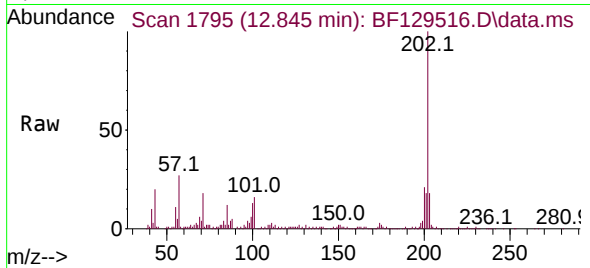
Tgt Ion:240 Resp: 297461
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.8 20.8 31.2





#78
Pyrene
Concen: 3.543 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

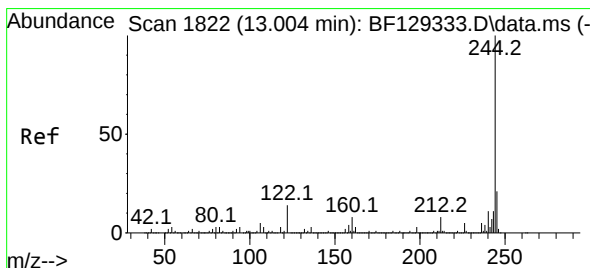
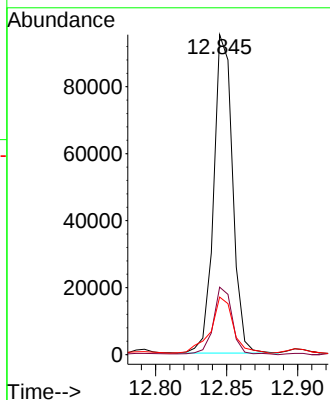
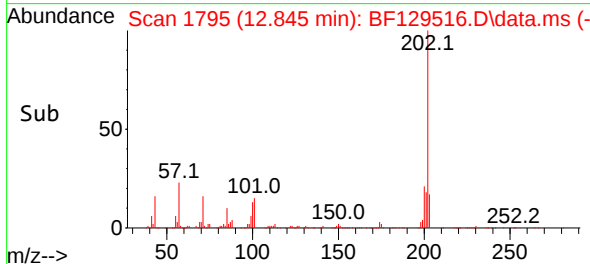
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RVE-58



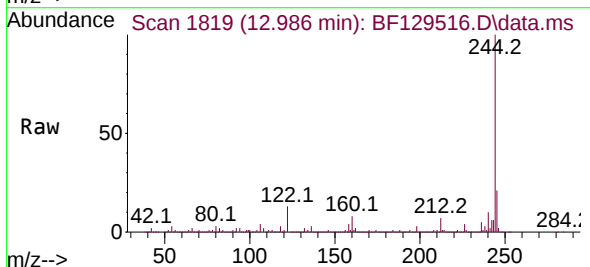
Tgt Ion:202 Resp: 88119
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 18.0 14.6 21.8

Manual Integrations
APPROVED

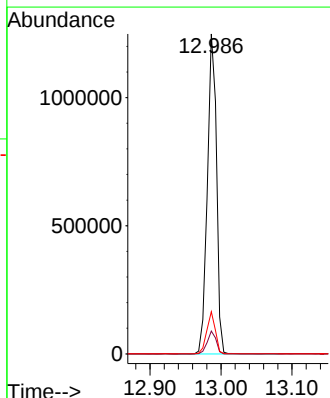
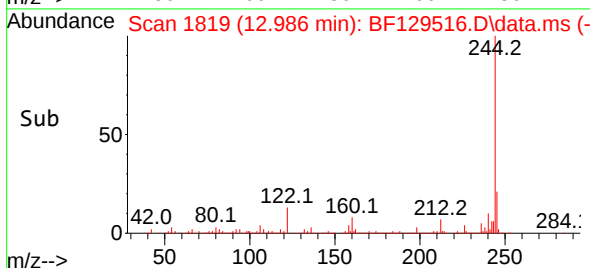
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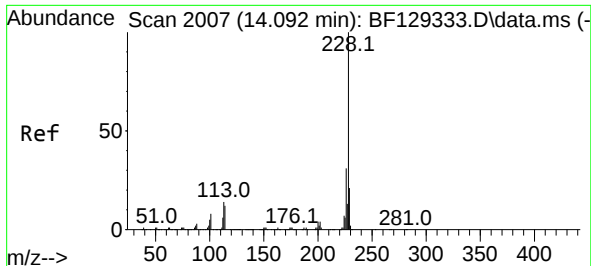


#79
Terphenyl-d14
Concen: 70.318 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58



Tgt Ion:244 Resp: 1108720
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.2 8.8 13.2





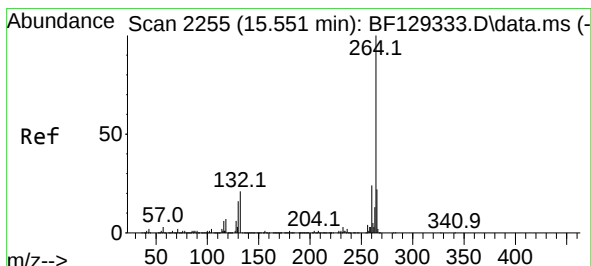
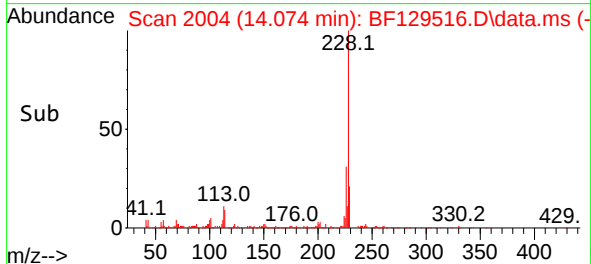
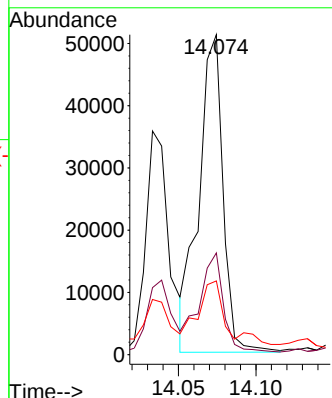
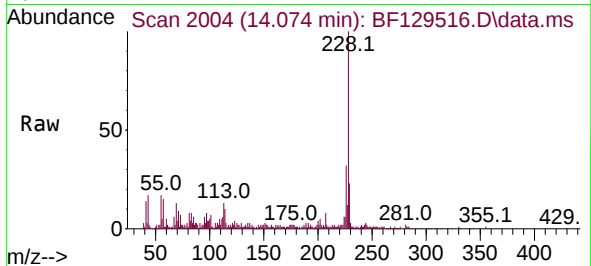
#83
Chrysene
Concen: 2.902 ng
RT: 14.074 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
RVE-58

Tgt Ion:228 Resp: 5556
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 23.0 15.9 23.9

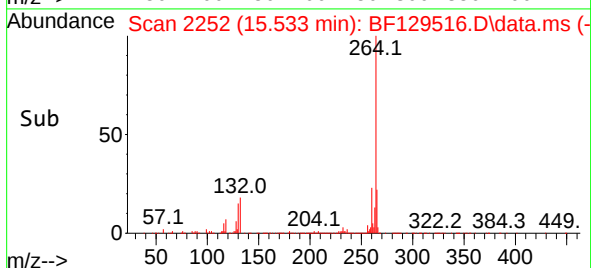
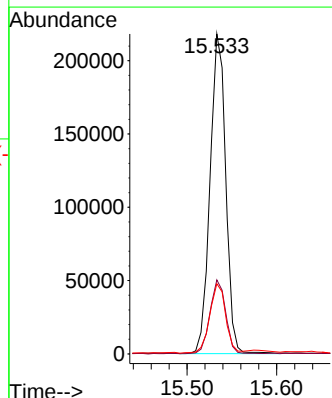
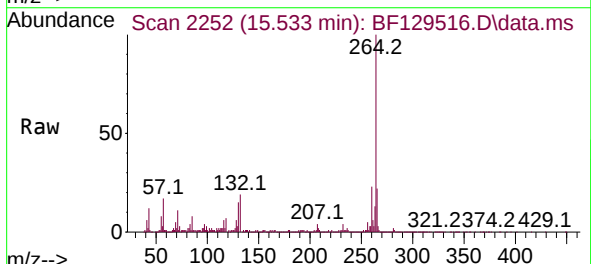
Manual Integrations
APPROVED

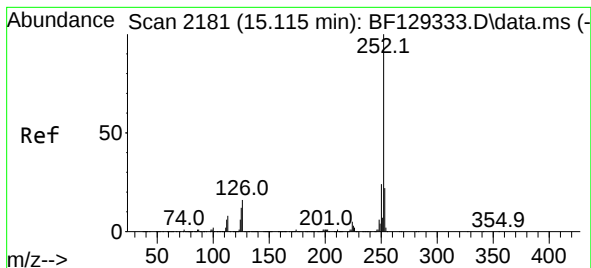
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF129516.D
Acq: 02 Aug 2022 19:58

Tgt Ion:264 Resp: 266110
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.9 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.808 ng m

RT: 15.098 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-58

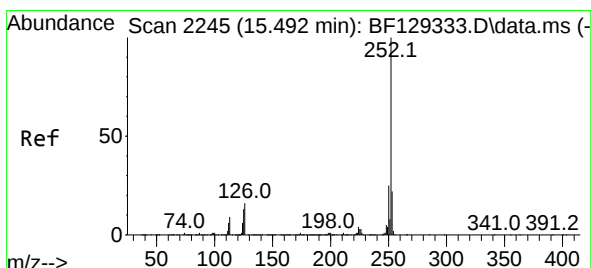
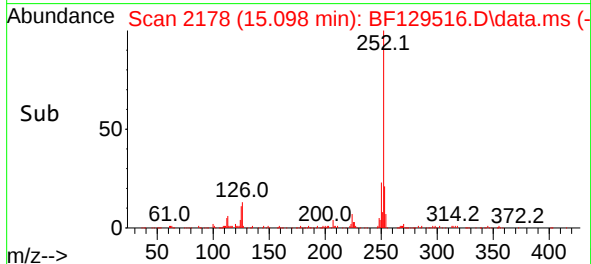
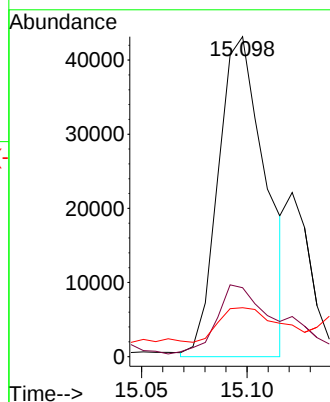
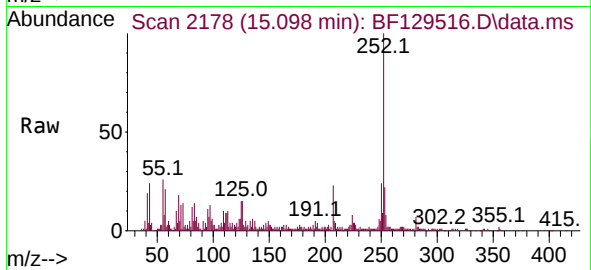
Tgt Ion:	252	Resp:	6722
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.7	26.5
125	15.3	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/03/2022

Supervised By :Jagrut Upadhyay 08/03/2022



#90

Benzo(a)pyrene

Concen: 2.519 ng

RT: 15.468 min Scan# 2241

Delta R.T. 0.000 min

Lab File: BF129516.D

Acq: 02 Aug 2022 19:58

Tgt Ion:	252	Resp:	36094
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.0	25.6
125	17.8	8.8	13.2

