

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129618.D
 Acq On : 06 Aug 2022 01:12
 Operator : CG\JU
 Sample : N3961-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-184

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 02:16:52 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	6.846	152	156295	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	584749	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	276672	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	426983	20.000	ng	0.00
76) Chrysene-d12	14.022	240	310615	20.000	ng	0.00
86) Perylene-d12	15.498	264	252326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1023498	106.675	ng	0.00
7) Phenol-d6	6.498	99	1271509	105.434	ng	0.00
23) Nitrobenzene-d5	7.410	82	787125	73.481	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	280334	105.389	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1359833	76.032	ng	0.00
79) Terphenyl-d14	12.957	244	1223929	74.338	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	9.745	152	62151	2.506	ng	98
71) Phenanthrene	11.398	178	78179	3.354	ng	98
75) Fluoranthene	12.586	202	166717	7.059	ng	97
78) Pyrene	12.822	202	278431	10.719	ng	96
81) Benzo(a)anthracene	14.010	228	121999m	5.750	ng	
83) Chrysene	14.045	228	148847	7.443	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	58413	3.438	ng	98
88) Benzo(b)fluoranthene	15.063	252	160574m	9.594	ng	
89) Benzo(k)fluoranthene	15.086	252	51440m	3.136	ng	
90) Benzo(a)pyrene	15.433	252	100920	7.428	ng	# 97
92) Benzo(g,h,i)perylene	17.427	276	66950	4.738	ng	98

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

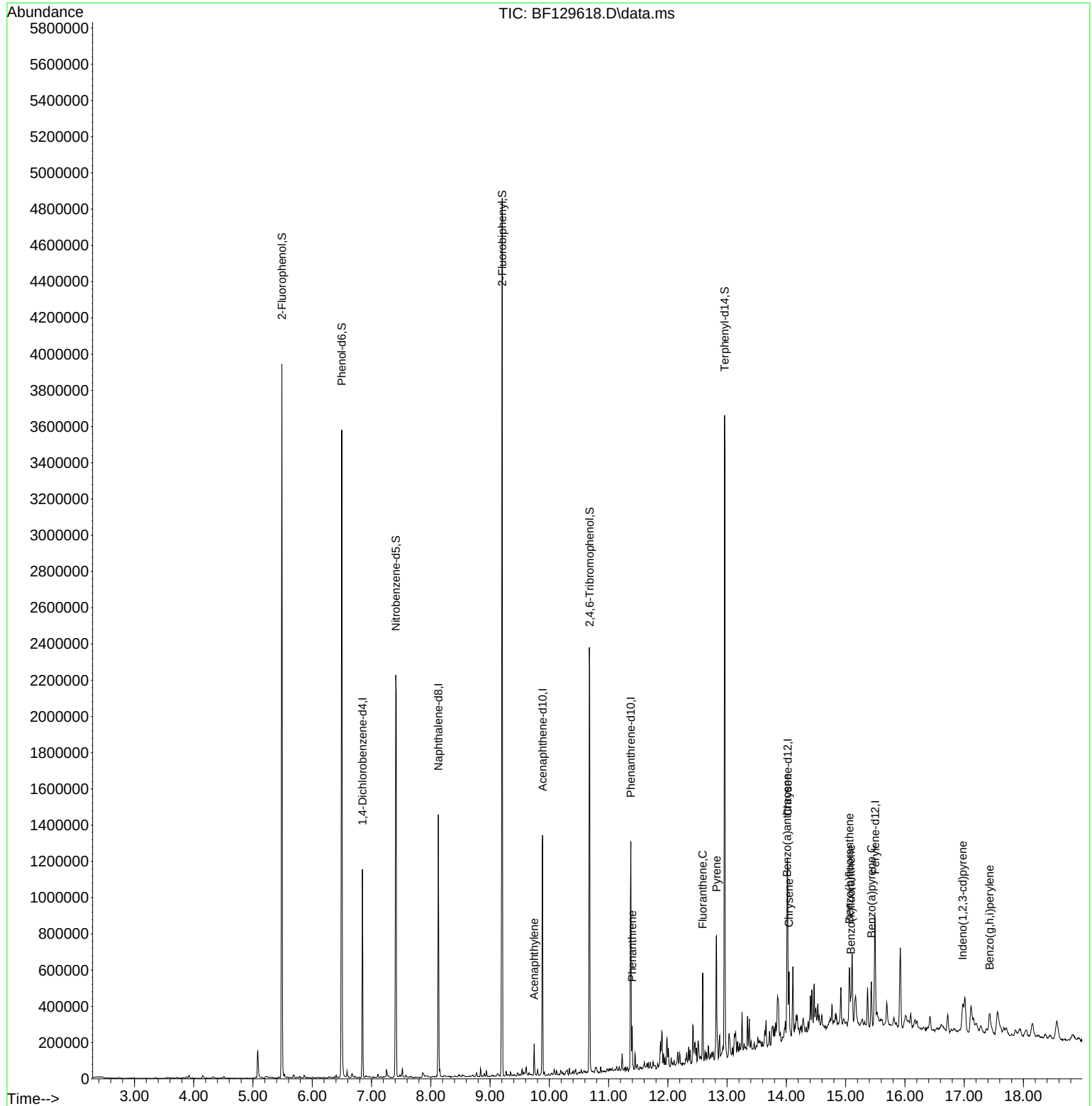
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129618.D
Acq On : 06 Aug 2022 01:12
Operator : CG\JU
Sample : N3961-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

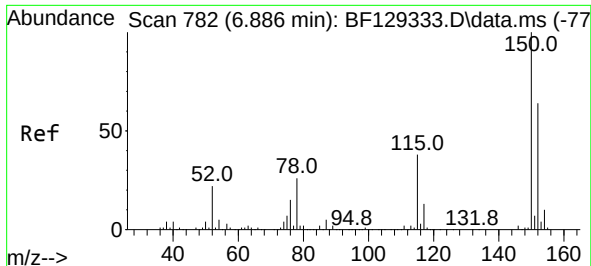
Instrument :
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RVE-184

Quant Time: Aug 08 02:16:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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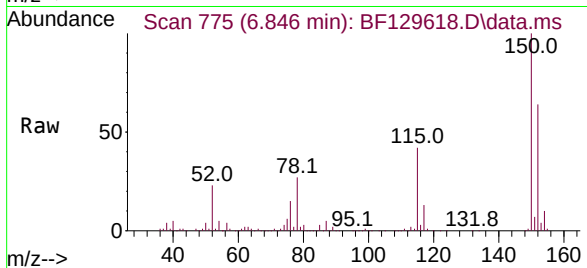
Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

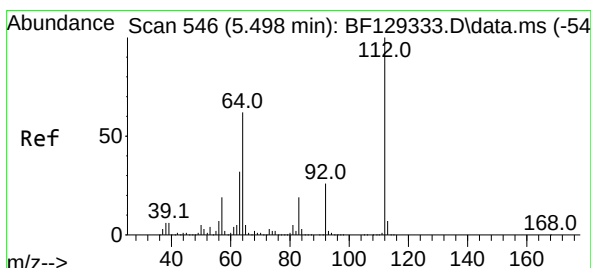
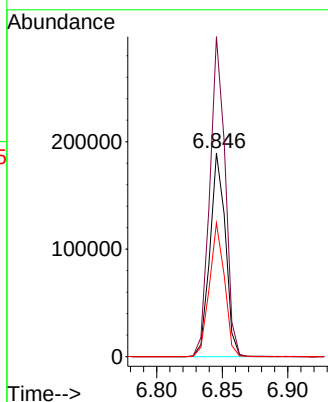
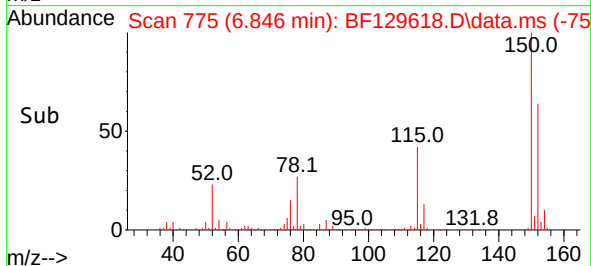
Instrument :
BNA_F
ClientSampleId :
RVE-184



Tgt Ion:152 Resp: 156295
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 65.7 49.9 74.9

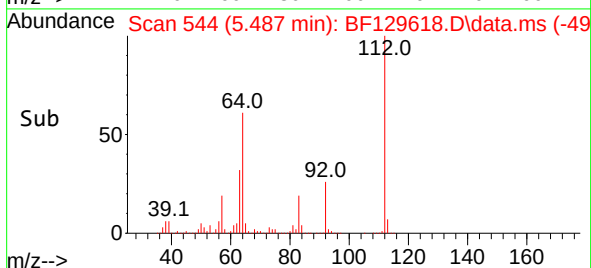
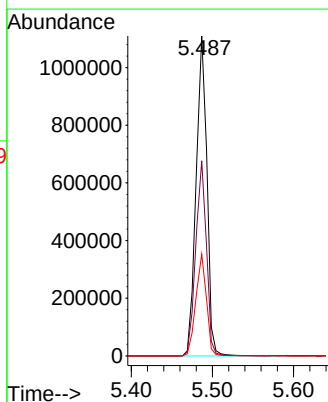
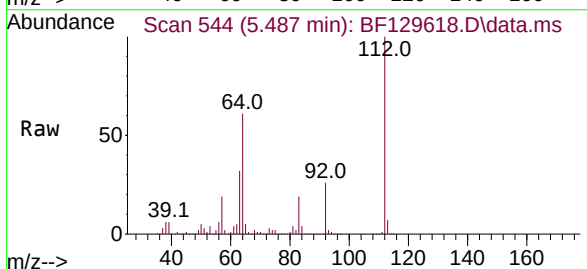
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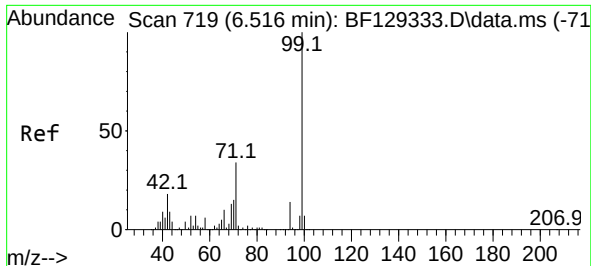
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#5
2-Fluorophenol
Concen: 106.675 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

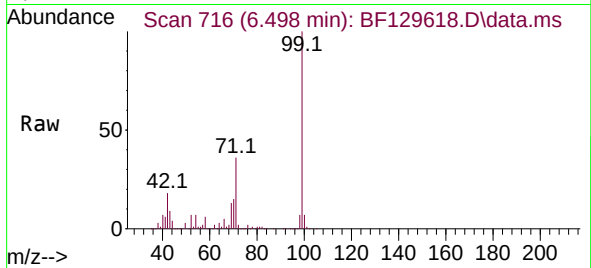
Tgt Ion:112 Resp: 1023498
Ion Ratio Lower Upper
112 100
64 61.0 53.3 79.9
63 31.8 28.0 42.0





#7
Phenol-d6
Concen: 105.434 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

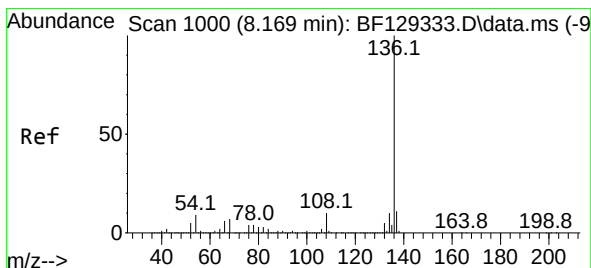
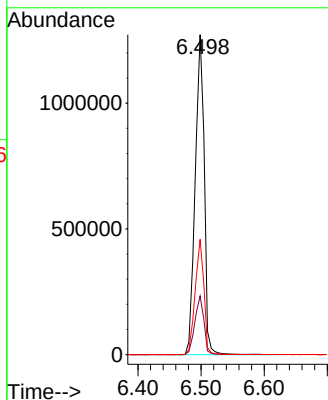
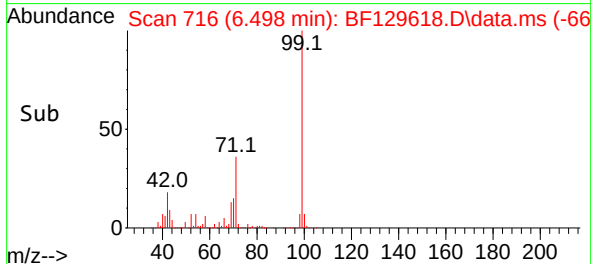
Instrument :
BNA_F
ClientSampleId :
RVE-184



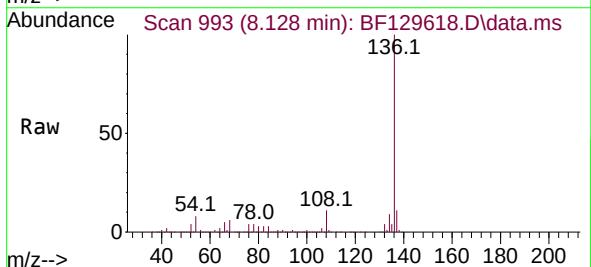
Tgt Ion: 99 Resp: 1271509
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 36.0 28.9 43.3

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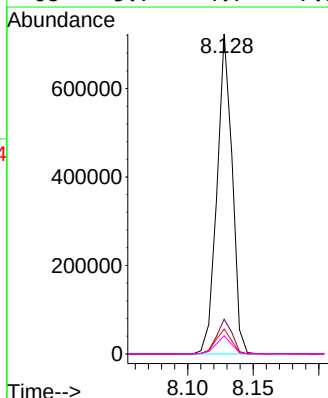
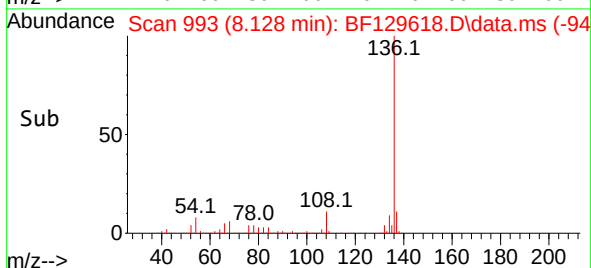
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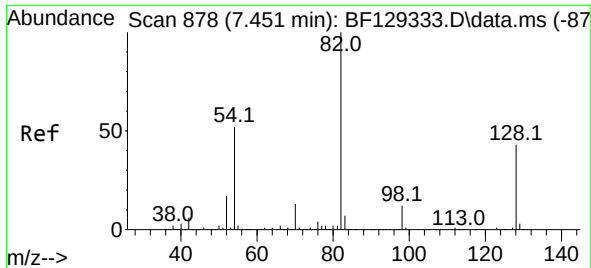


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12



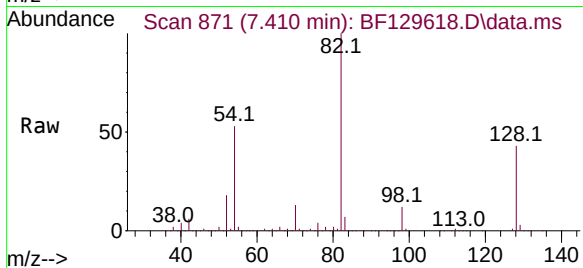
Tgt Ion:136 Resp: 584749
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 73.481 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

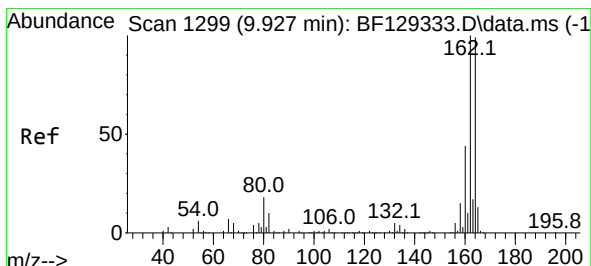
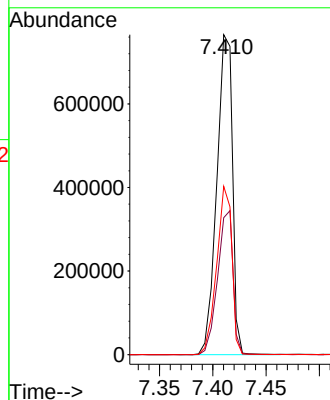
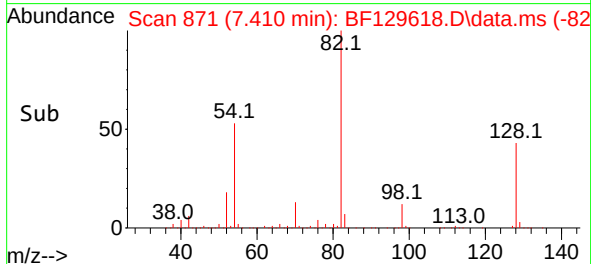
Instrument :
BNA_F
ClientSampleId :
RVE-184



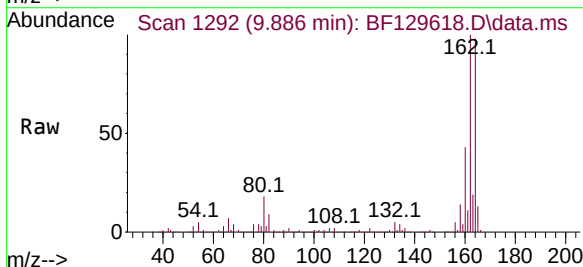
Tgt Ion: 82 Resp: 787125
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 52.6 46.9 70.3

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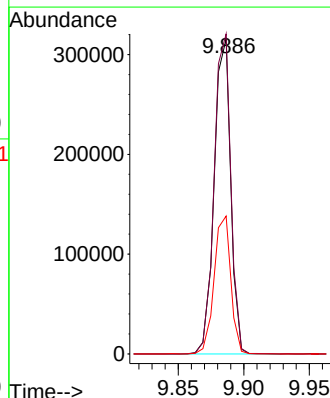
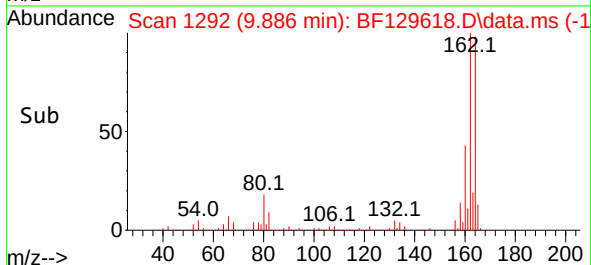
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

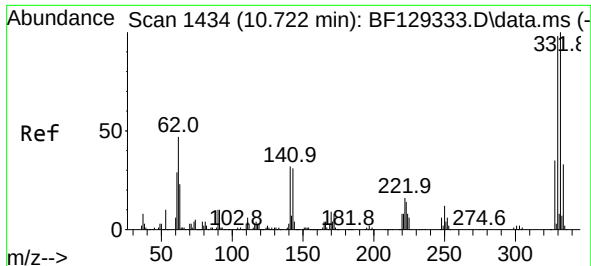


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12



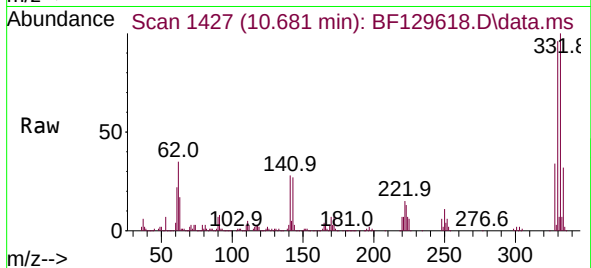
Tgt Ion:164 Resp: 276672
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 43.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 105.389 ng
RT: 10.681 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

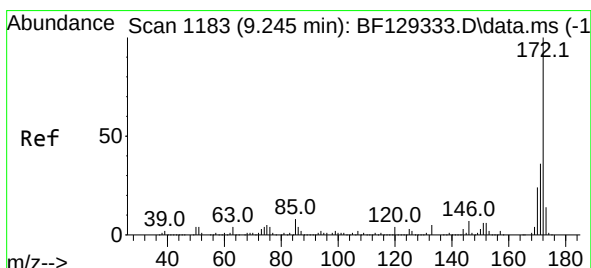
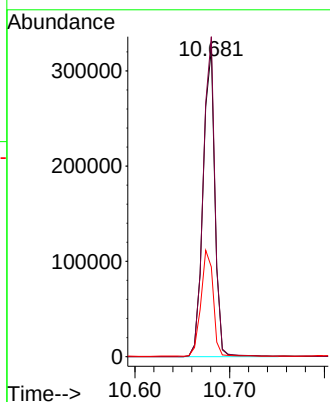
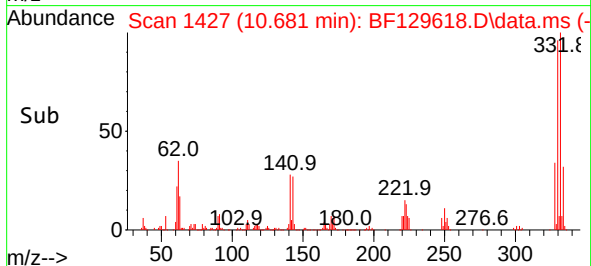
Instrument :
BNA_F
ClientSampleId :
RVE-184



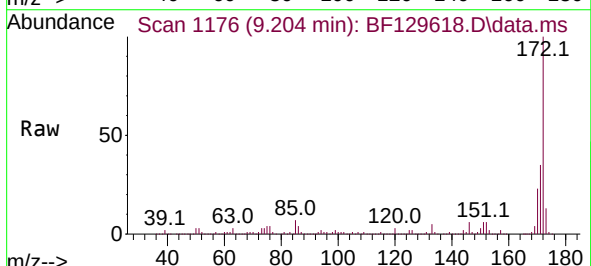
Tgt Ion: 330 Resp: 280334
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 35.6 28.0 42.0

Manual Integrations
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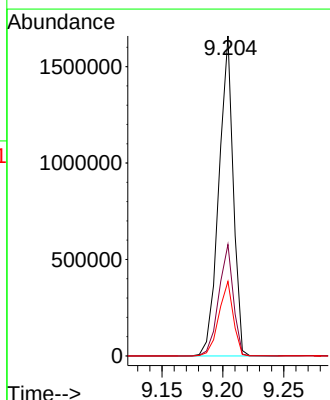
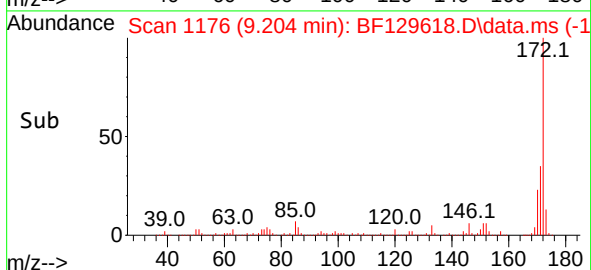
Reviewed By : Christian Giraldo 08/08/2022
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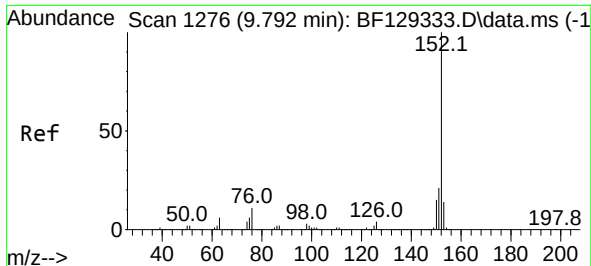


#45
2-Fluorobiphenyl
Concen: 76.032 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12



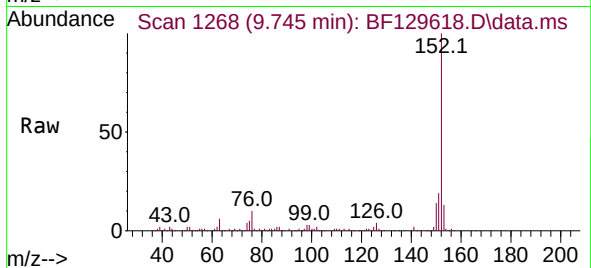
Tgt Ion: 172 Resp: 1359833
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.3 19.8 29.8





#49
Acenaphthylene
Concen: 2.506 ng
RT: 9.745 min Scan# 1545
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

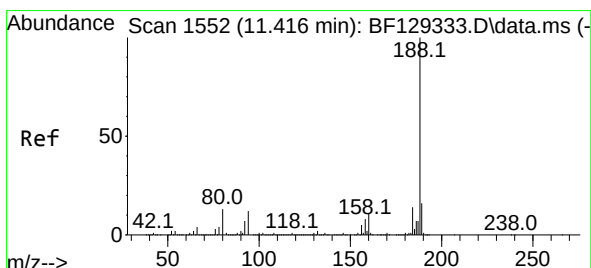
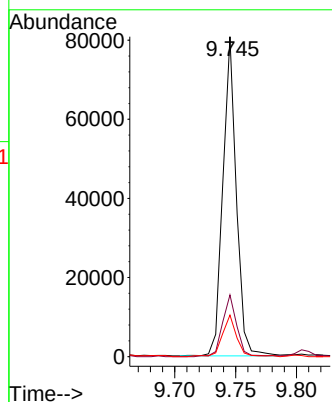
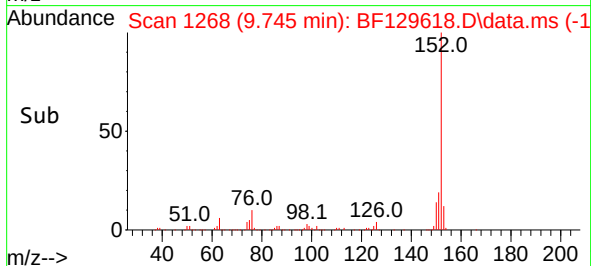
Instrument :
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ClientSampleId :
RVE-184



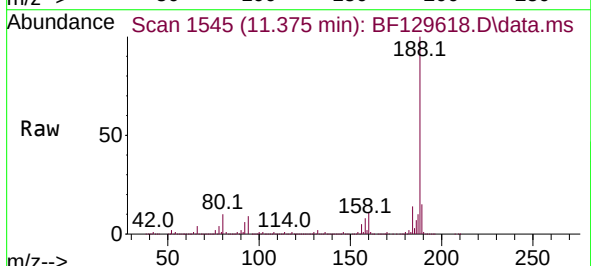
Tgt Ion:152 Resp: 6215
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4
153 13.0 10.7 16.1

Manual Integrations
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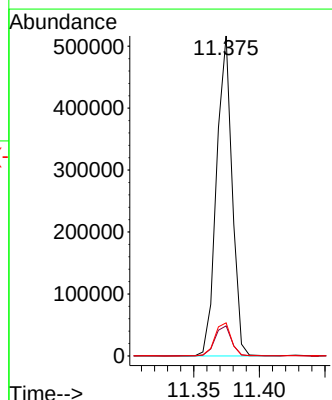
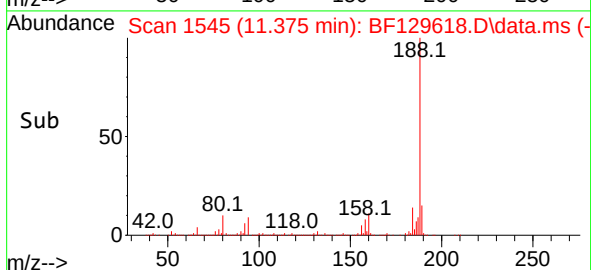
Reviewed By :Christian Giraldo 08/08/2022
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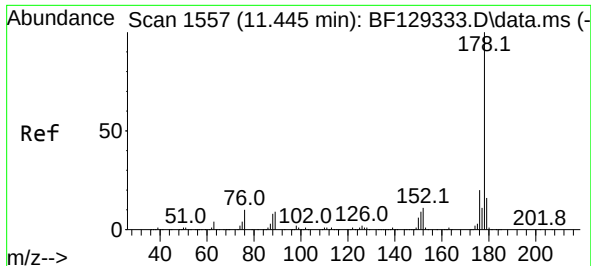


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12



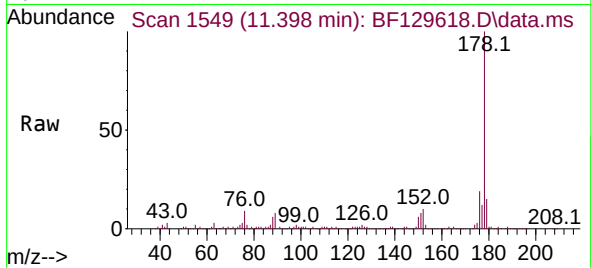
Tgt Ion:188 Resp: 426983
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.3 7.6 11.4





#71
Phenanthrene
Concen: 3.354 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

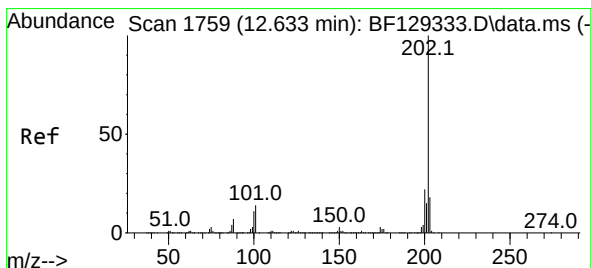
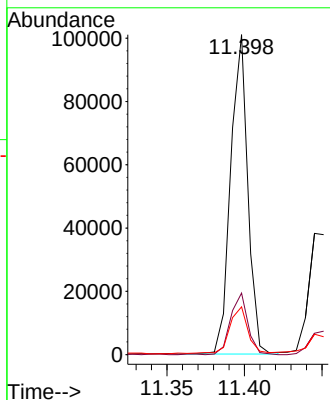
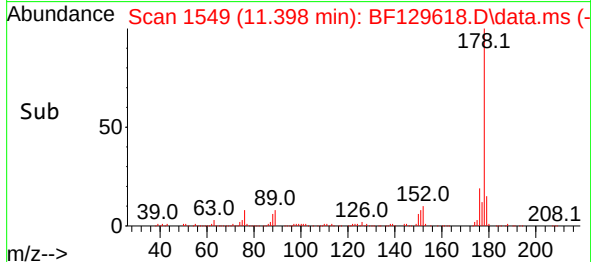
Instrument :
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RVE-184



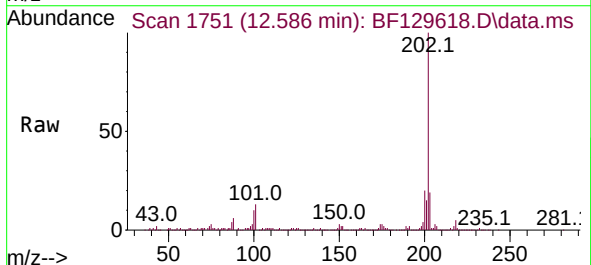
Tgt Ion:178 Resp: 78179
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 14.9 12.6 19.0

Manual Integrations
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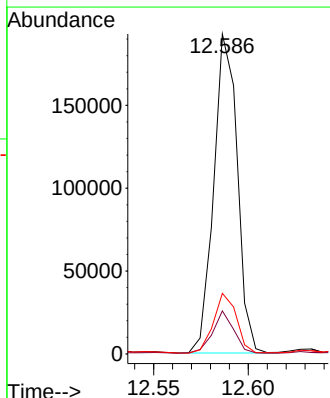
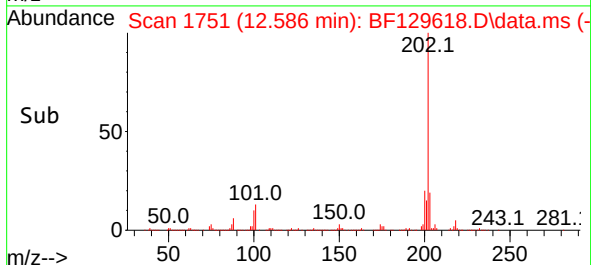
Reviewed By :Christian Giraldo 08/08/2022
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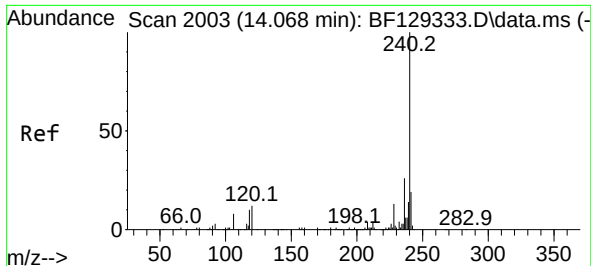


#75
Fluoranthene
Concen: 7.059 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12



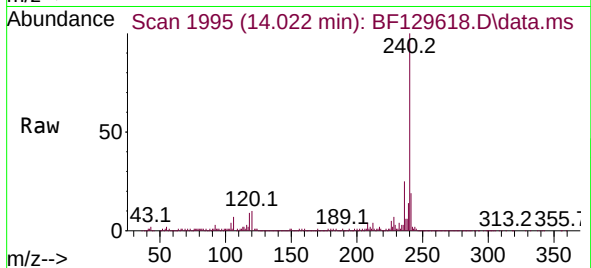
Tgt Ion:202 Resp: 166717
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 18.9 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

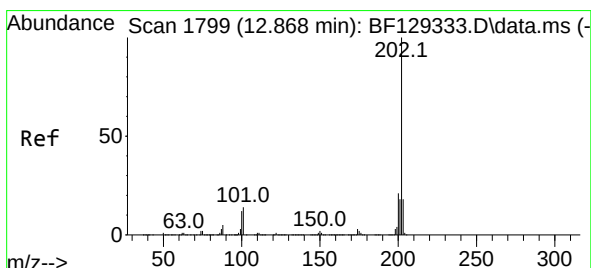
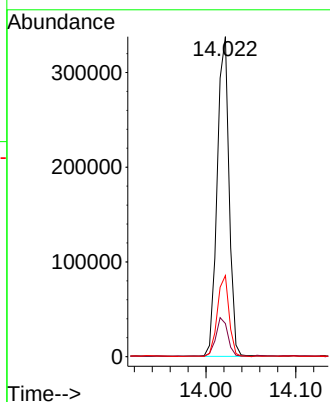
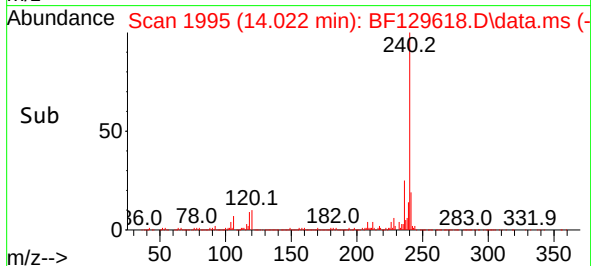
Instrument :
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ClientSampleId :
RVE-184



Tgt Ion:240 Resp: 310615
Ion Ratio Lower Upper
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120 10.3 8.9 13.3
236 25.3 20.8 31.2

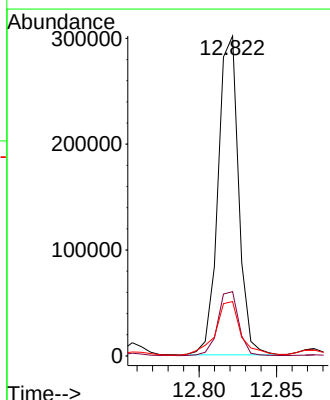
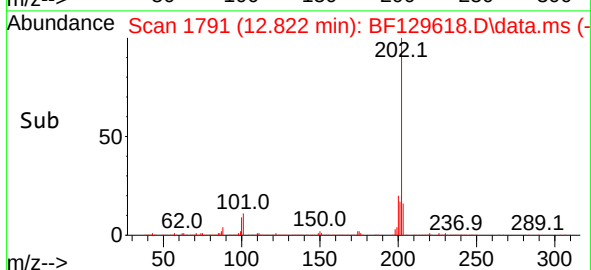
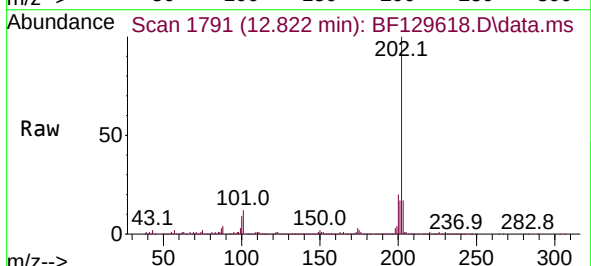
Manual Integrations
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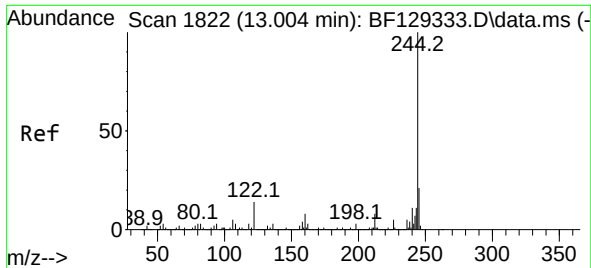
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 10.719 ng
RT: 12.822 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

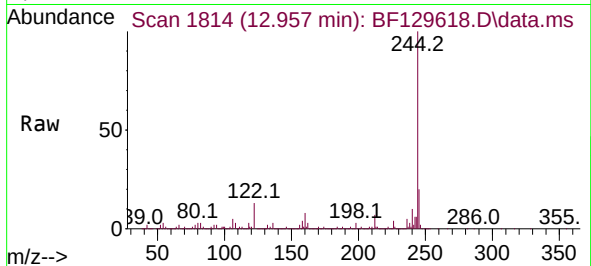
Tgt Ion:202 Resp: 278431
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 17.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 74.338 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129618.D
 Acq: 06 Aug 2022 01:12

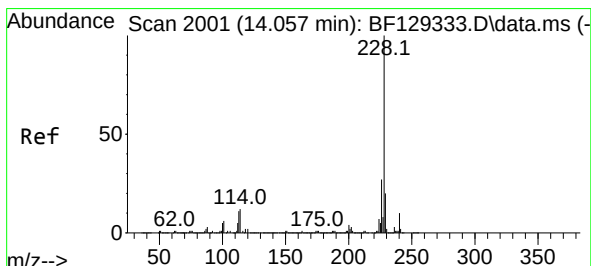
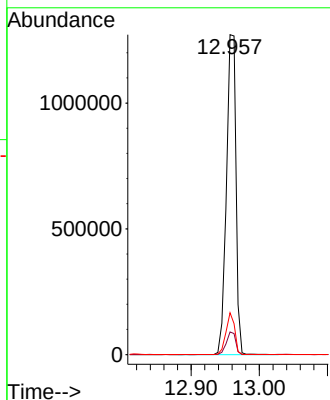
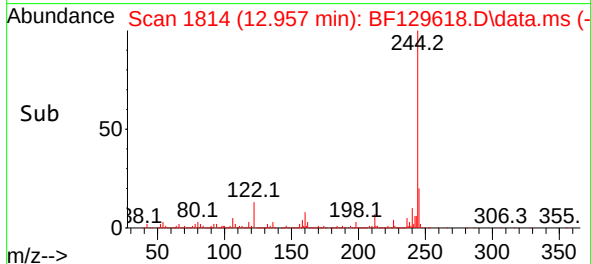
Instrument :
 BNA_F
 ClientSampleId :
 RVE-184



Tgt Ion:244 Resp: 1223929
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.1 8.8 13.2

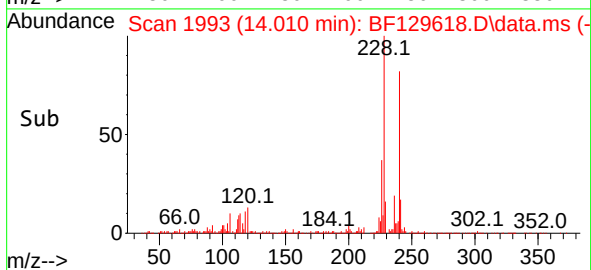
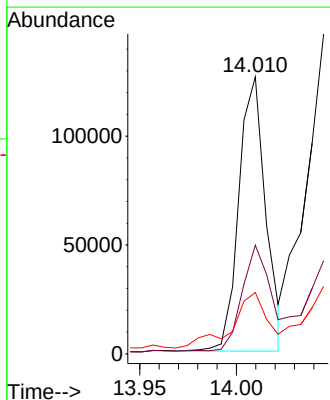
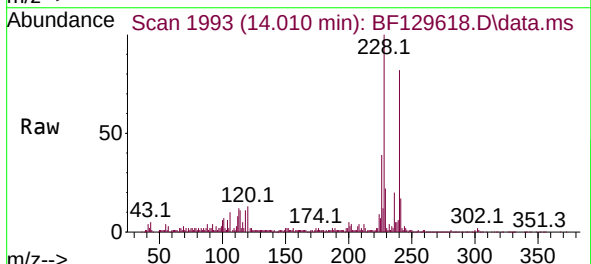
Manual Integrations
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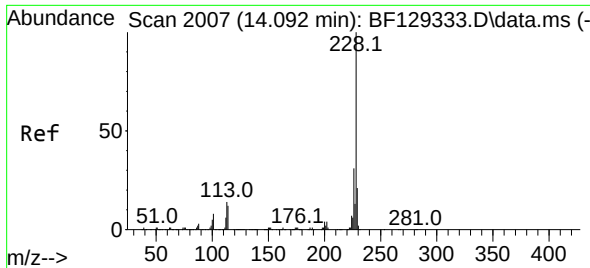
Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022



#81
 Benzo(a)anthracene
 Concen: 5.750 ng m
 RT: 14.010 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BF129618.D
 Acq: 06 Aug 2022 01:12

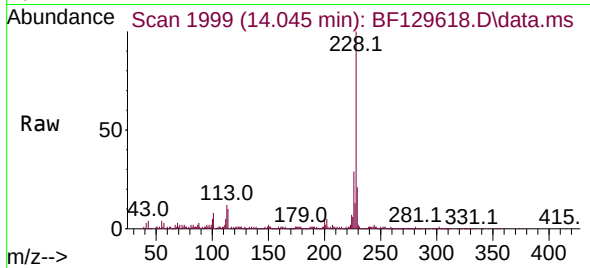
Tgt Ion:228 Resp: 121999
 Ion Ratio Lower Upper
 228 100
 226 39.2 22.1 33.1#
 229 22.1 15.8 23.8





#83
Chrysene
Concen: 7.443 ng
RT: 14.045 min Scan# 19
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

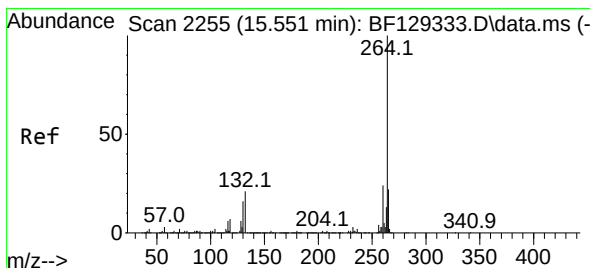
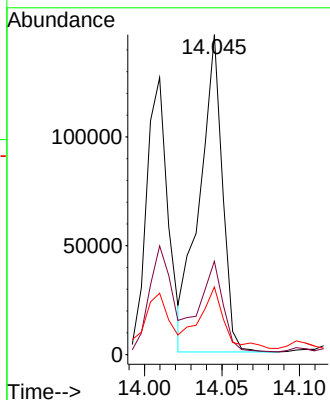
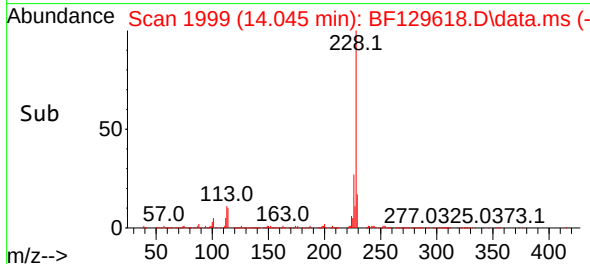
Instrument :
BNA_F
ClientSampleId :
RVE-184



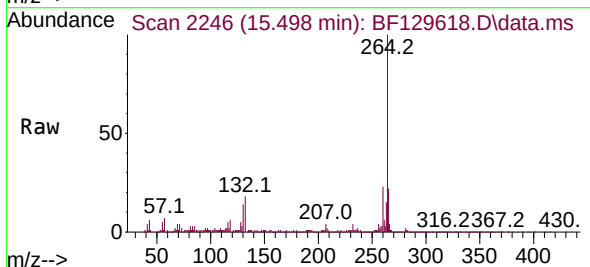
Tgt Ion:228 Resp: 14884
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 21.1 15.9 23.9

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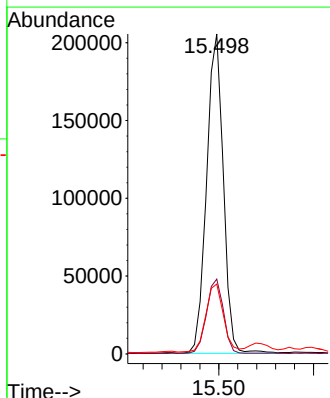
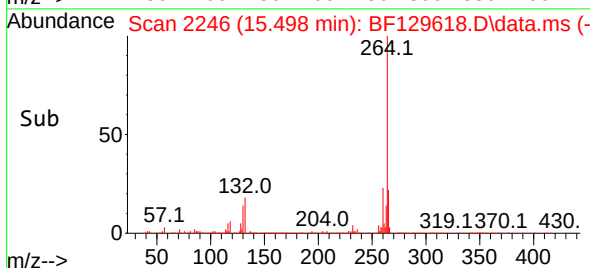
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

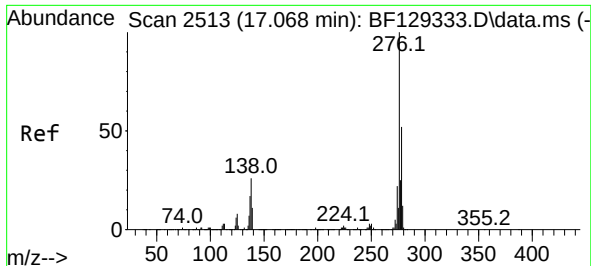


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12



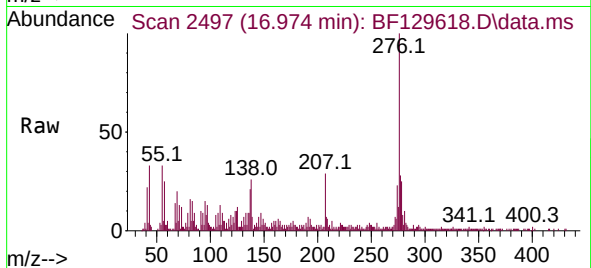
Tgt Ion:264 Resp: 252326
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.8 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.438 ng
RT: 16.974 min Scan# 2497
Delta R.T. -0.023 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

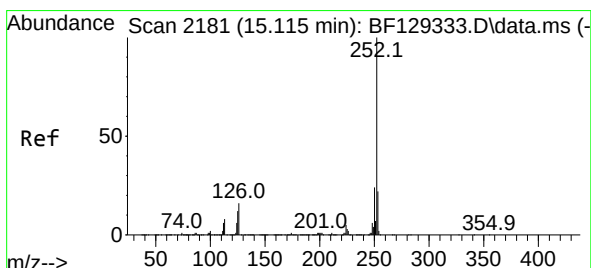
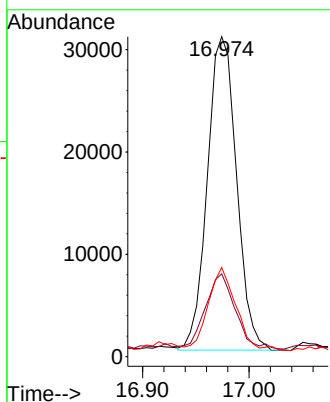
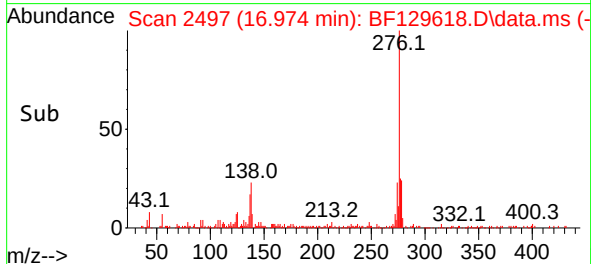
Instrument :
BNA_F
ClientSampleId :
RVE-184



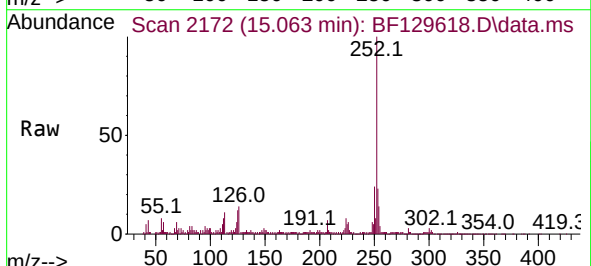
Tgt Ion: 276 Resp: 58413
Ion Ratio Lower Upper
276 100
138 24.5 21.1 31.7
277 25.3 20.3 30.5

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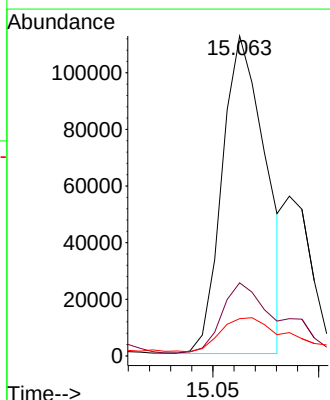
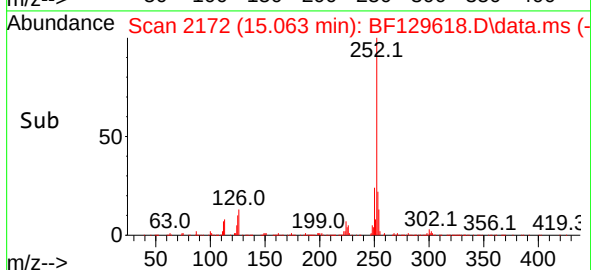
Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022

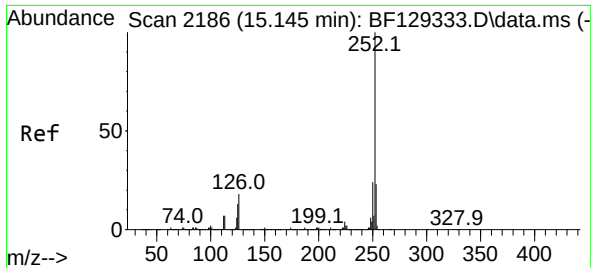


#88
Benzo(b)fluoranthene
Concen: 9.594 ng m
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12



Tgt Ion: 252 Resp: 160574
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 3.136 ng m

RT: 15.086 min Scan# 2186

Delta R.T. -0.018 min

Lab File: BF129618.D

Acq: 06 Aug 2022 01:12

Instrument :

BNA_F

ClientSampleId :

RVE-184

Tgt Ion:252 Resp: 51440

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

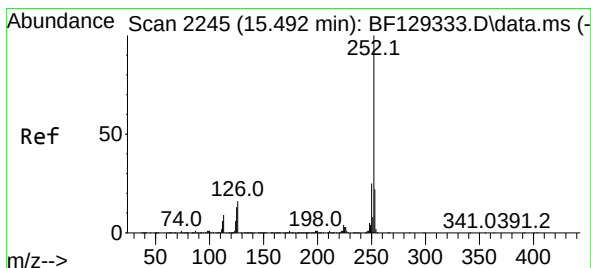
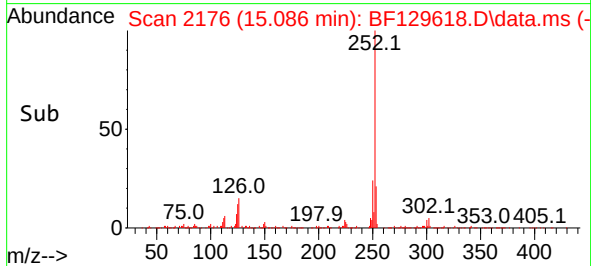
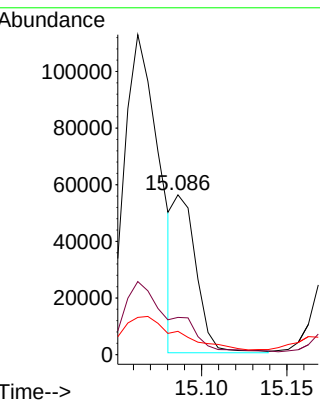
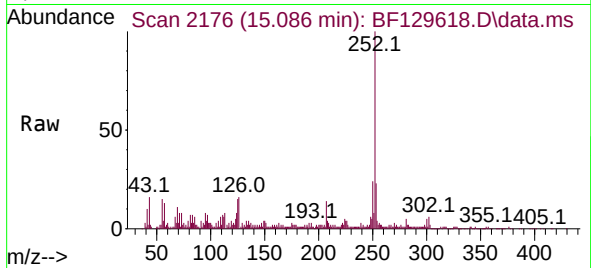
125 14.5 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#90

Benzo(a)pyrene

Concen: 7.428 ng

RT: 15.433 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF129618.D

Acq: 06 Aug 2022 01:12

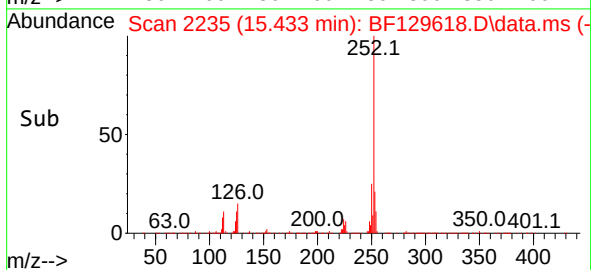
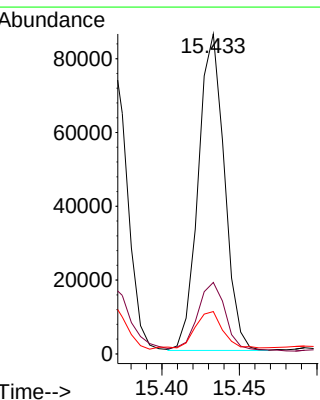
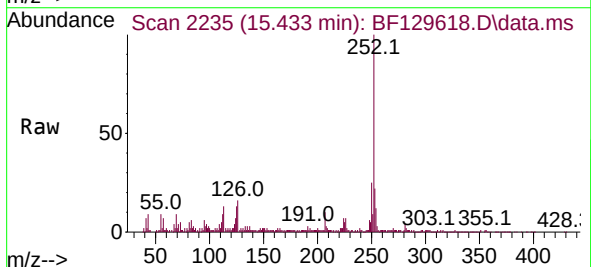
Tgt Ion:252 Resp: 100920

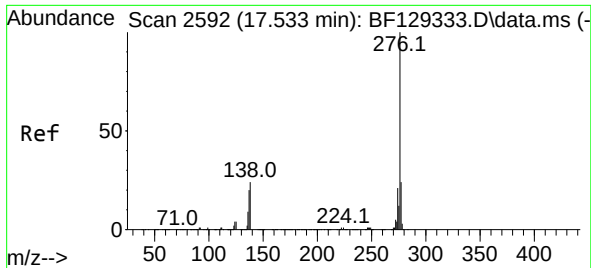
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

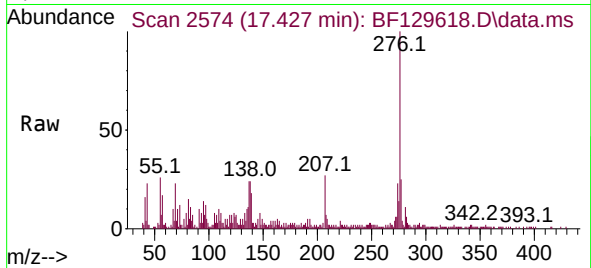
125 13.2 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 4.738 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.023 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Instrument :
BNA_F
ClientSampleId :
RVE-184



Tgt Ion: 276 Resp: 66950
Ion Ratio Lower Upper
276 100
277 24.7 19.1 28.7
138 24.1 18.0 27.0

Manual Integrations
APPROVED

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

