

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129685.D
 Acq On : 10 Aug 2022 01:39
 Operator : CG\JU
 Sample : N3962-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-193

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 05:38:28 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	169580	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	625957	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	277991	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	392301	20.000	ng	#-0.01
76) Chrysene-d12	14.016	240	297444	20.000	ng	-0.01
86) Perylene-d12	15.492	264	252973	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1050557	100.917	ng	0.00
7) Phenol-d6	6.498	99	1296402	99.077	ng	0.00
23) Nitrobenzene-d5	7.410	82	799452	69.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	247750	92.697	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1363018	75.848	ng	-0.01
79) Terphenyl-d14	12.957	244	1059219	67.182	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	109350	5.040	ng	97
78) Pyrene	12.816	202	156977	6.311	ng	96
81) Benzo(a)anthracene	14.004	228	88911	4.376	ng	93
83) Chrysene	14.045	228	98913	5.165	ng	97
88) Benzo(b)fluoranthene	15.063	252	122235m	7.284	ng	
90) Benzo(a)pyrene	15.427	252	85185	6.254	ng	97
92) Benzo(g,h,i)perylene	17.427	276	48850	3.448	ng	96

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

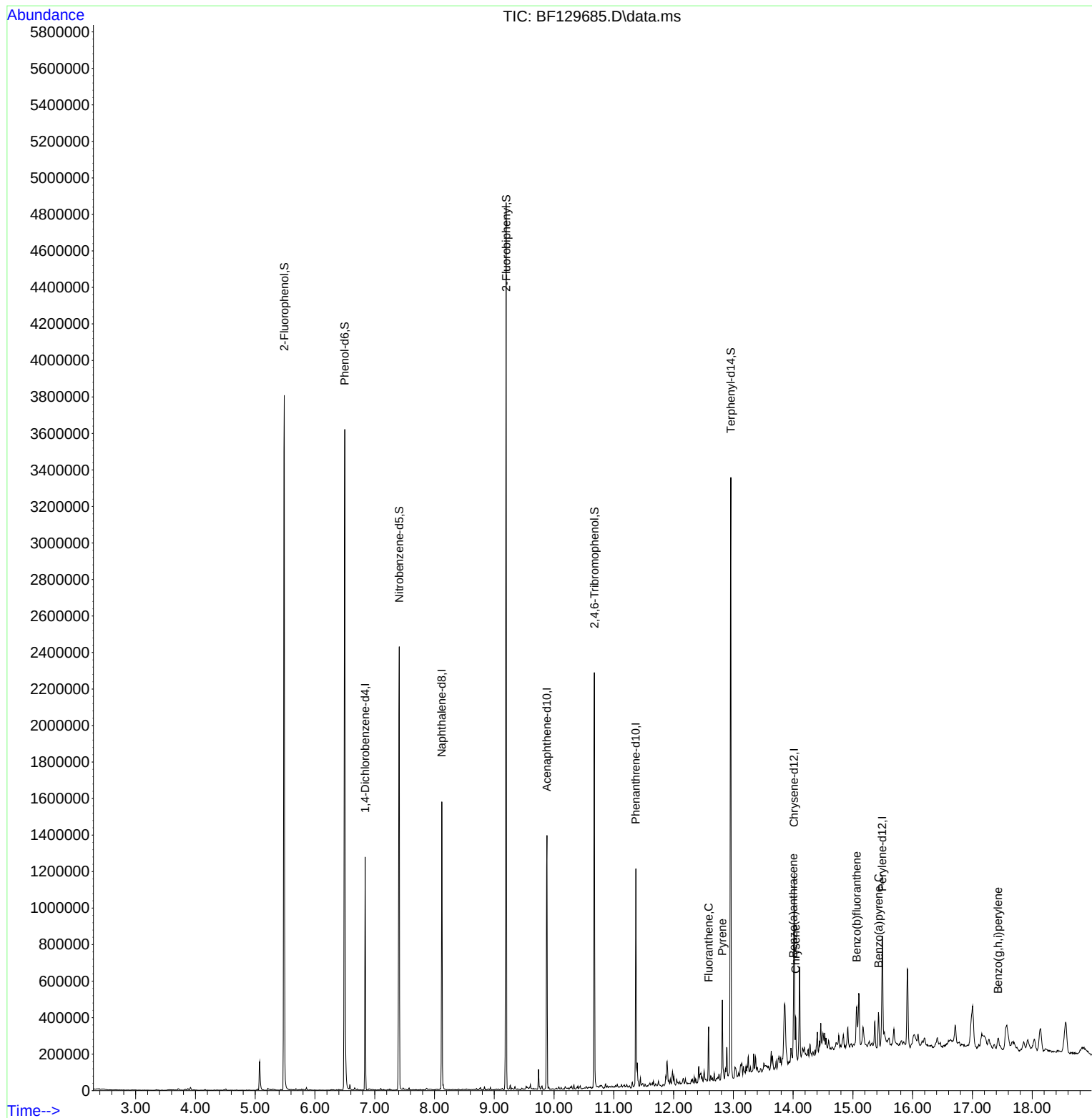
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129685.D
Acq On : 10 Aug 2022 01:39
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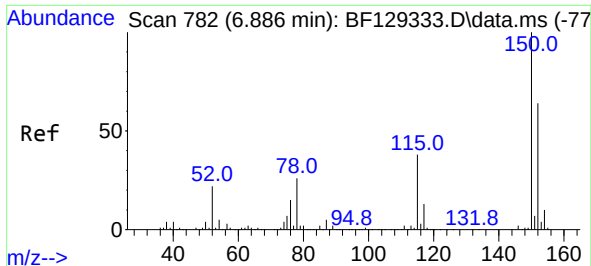
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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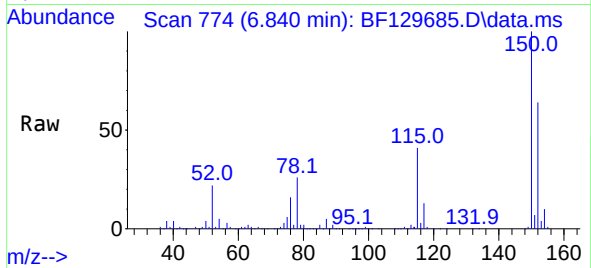
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

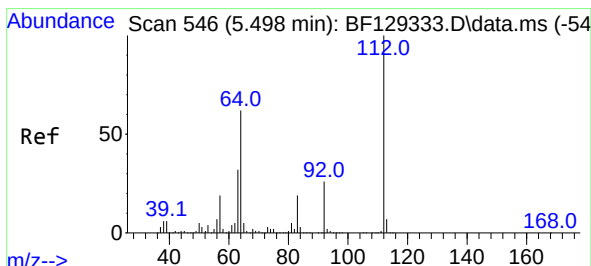
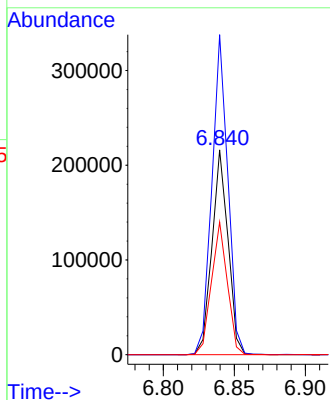
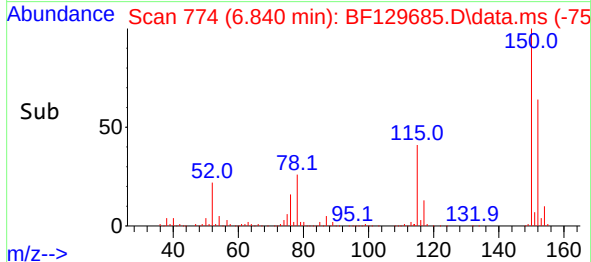
Instrument :
BNA_F
ClientSampleId :
RVE-193



Tgt Ion:152 Resp: 169580
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 64.7 49.9 74.9

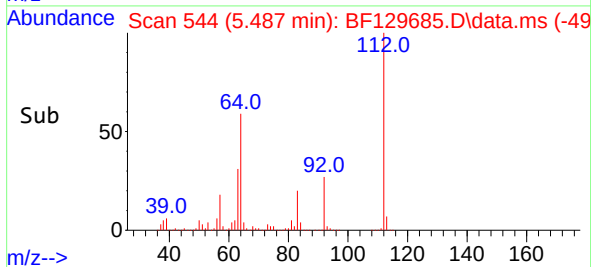
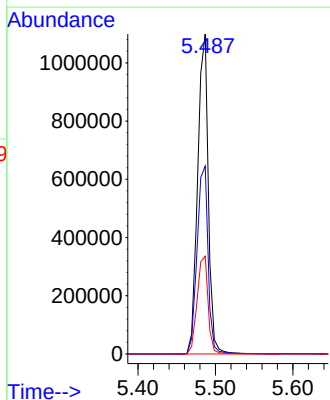
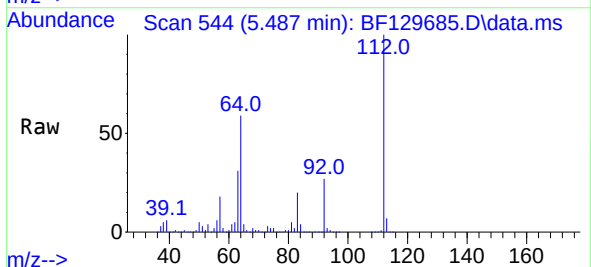
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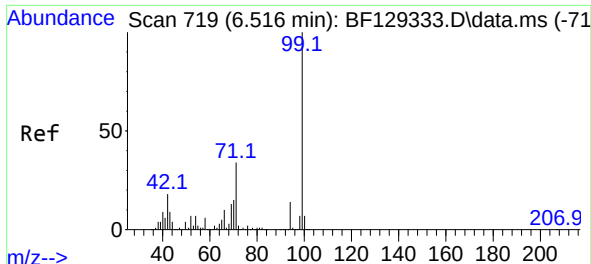
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 100.917 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

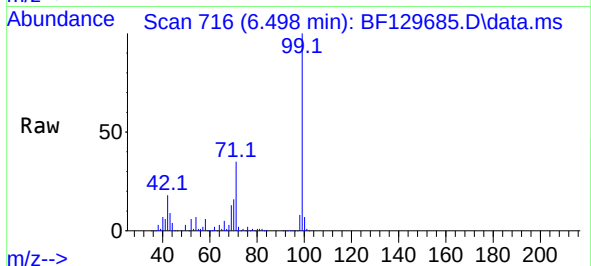
Tgt Ion:112 Resp: 1050557
Ion Ratio Lower Upper
112 100
64 58.7 53.3 79.9
63 30.6 28.0 42.0





#7
Phenol-d6
Concen: 99.077 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

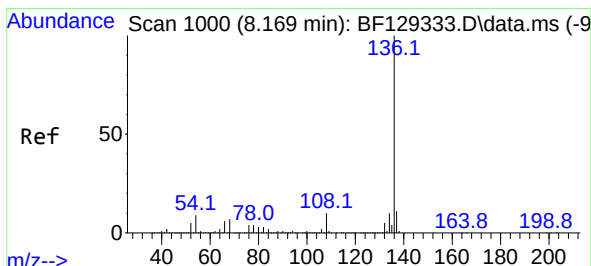
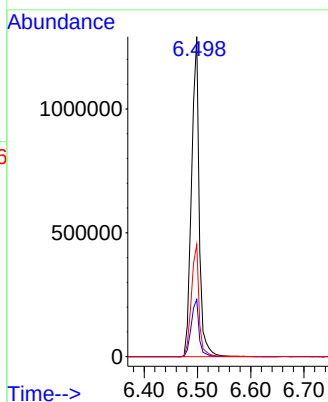
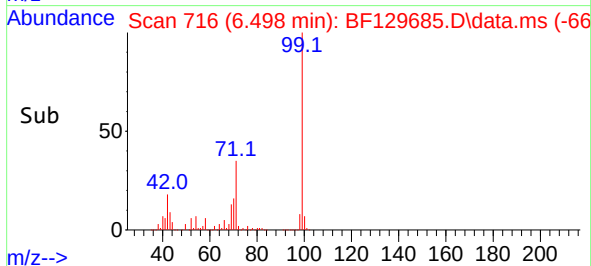
Instrument :
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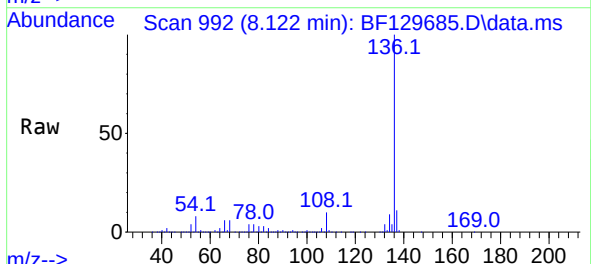
Tgt Ion: 99 Resp: 129640
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 35.1 28.9 43.3

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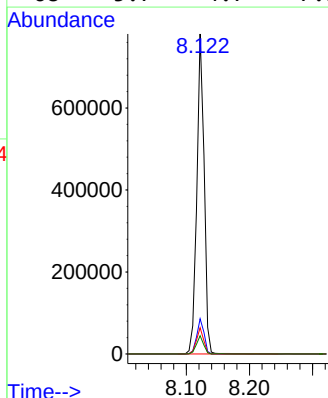
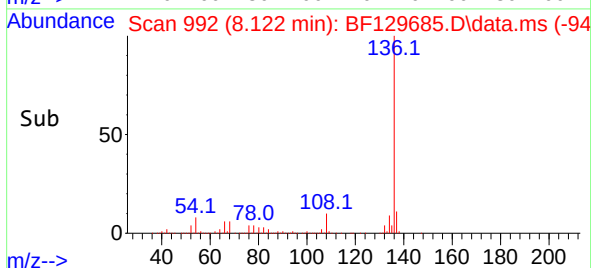
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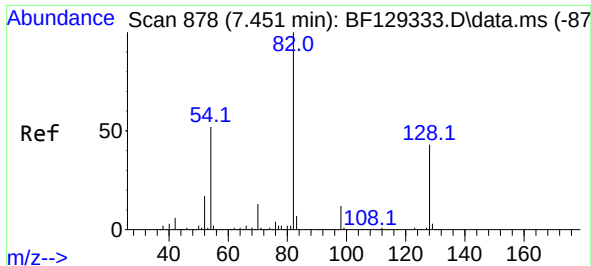


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39



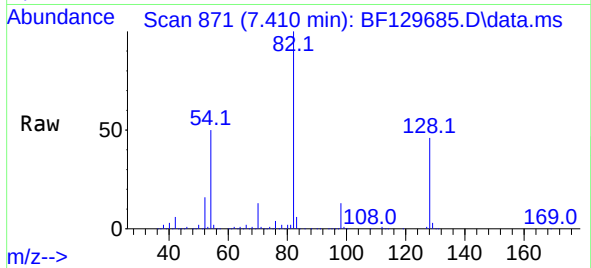
Tgt Ion:136 Resp: 625957
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 69.719 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

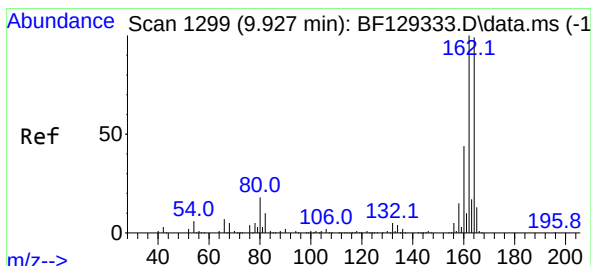
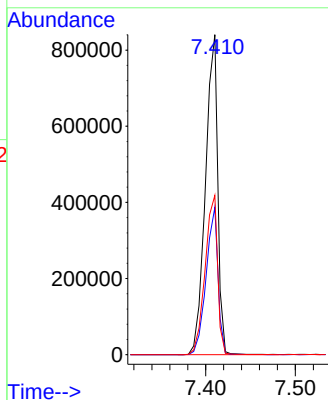
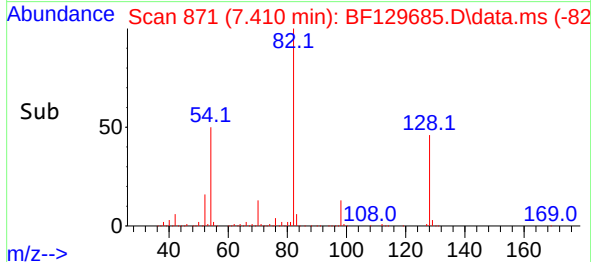
Instrument :
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ClientSampleId :
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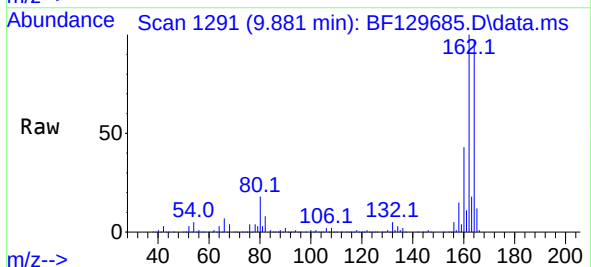
Tgt Ion: 82 Resp: 799452
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 49.7 46.9 70.3

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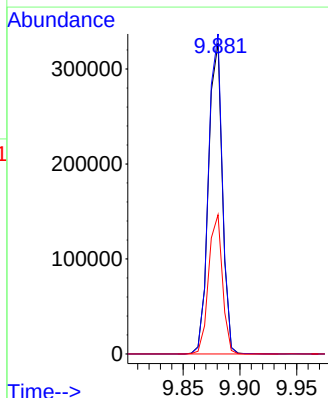
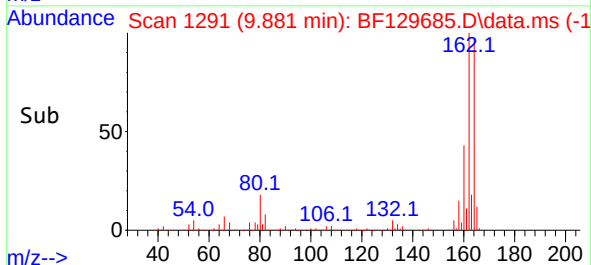
Reviewed By :Christian Giraldo 08/10/2022
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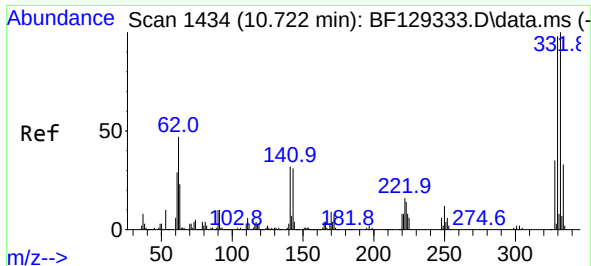


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39



Tgt Ion:164 Resp: 277991
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.8 34.2 51.4





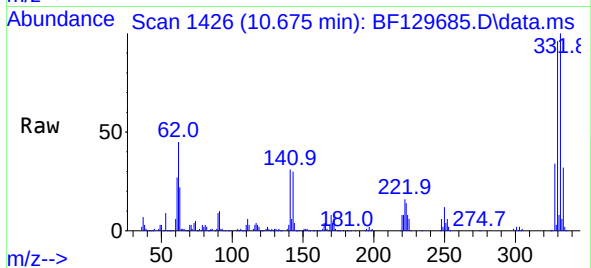
#42
2,4,6-Tribromophenol
Concen: 92.697 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Instrument :

BNA_F

ClientSampleId :

RVE-193

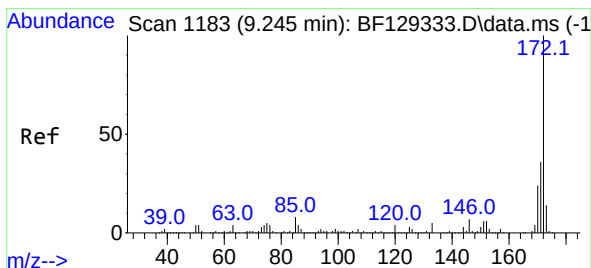
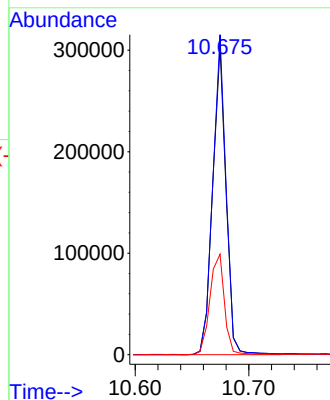
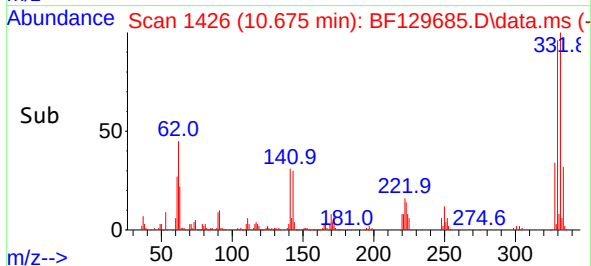


Tgt Ion:330 Resp: 247750
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 35.5 28.0 42.0

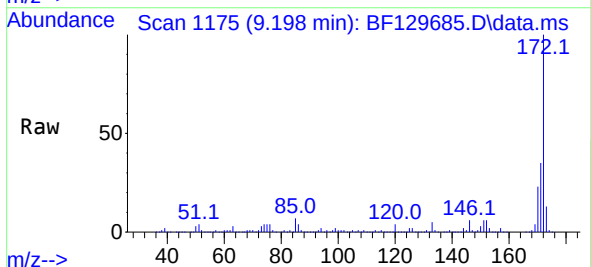
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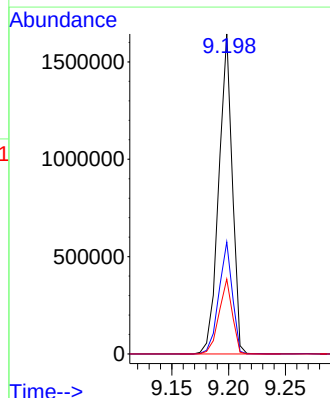
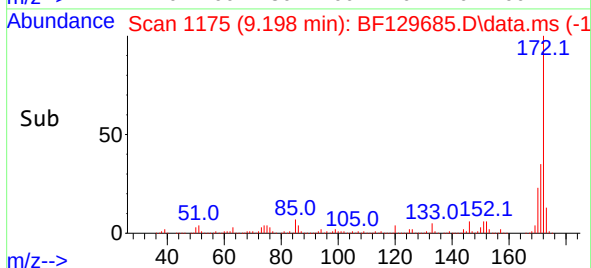
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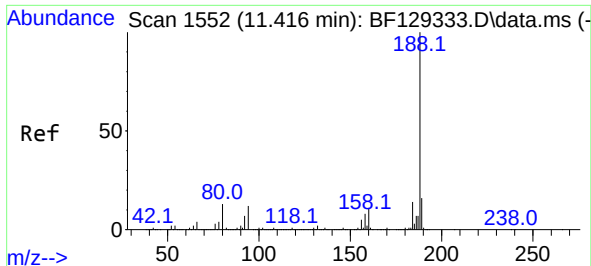


#45
2-Fluorobiphenyl
Concen: 75.848 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39



Tgt Ion:172 Resp: 1363018
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.8 29.8





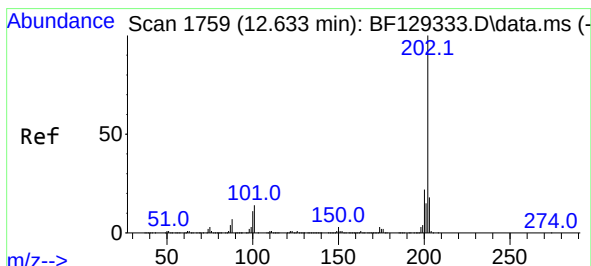
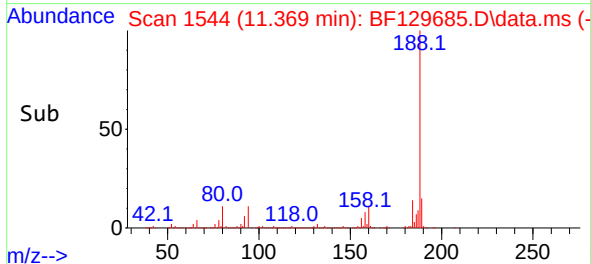
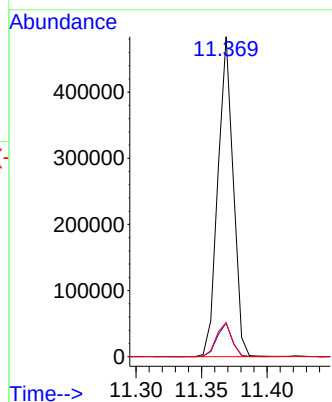
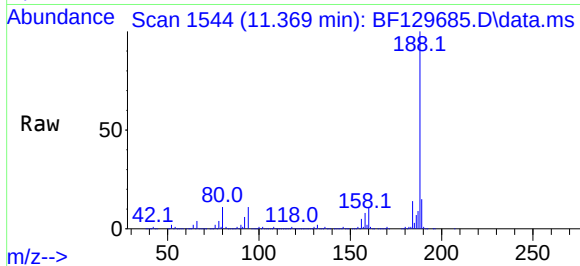
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Instrument :
BNA_F
ClientSampleId :
RVE-193

Tgt Ion:188 Resp: 392300
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6
80 10.7 7.6 11.4

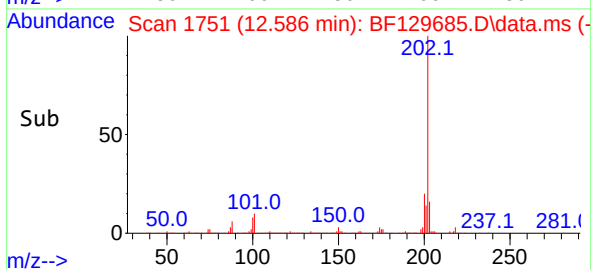
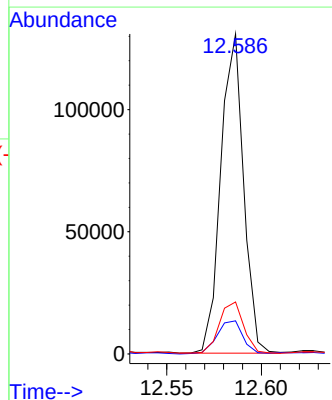
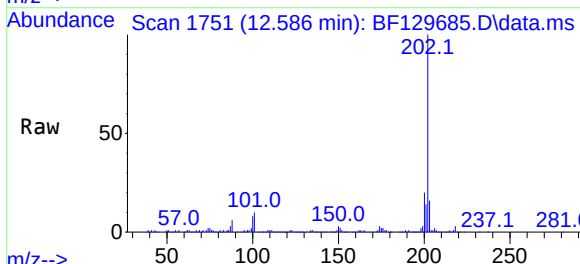
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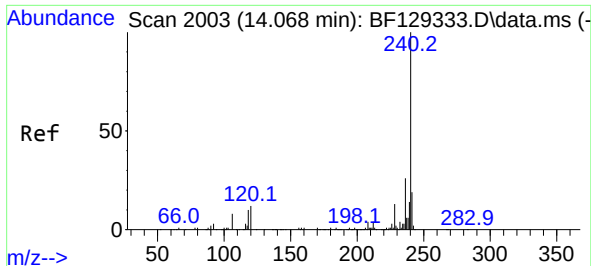
Reviewed By :Christian Giraldo 08/10/2022
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#75
Fluoranthene
Concen: 5.040 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

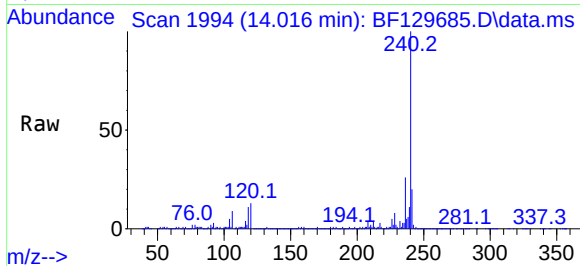
Tgt Ion:202 Resp: 109350
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 16.3 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

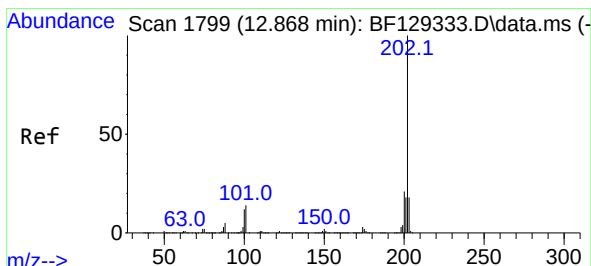
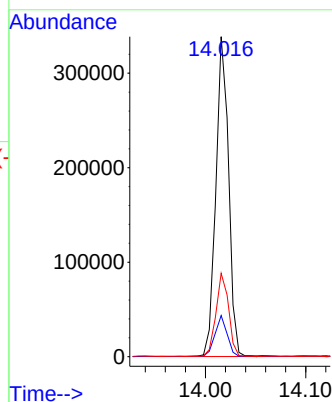
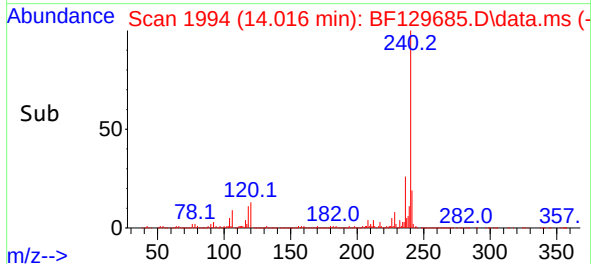
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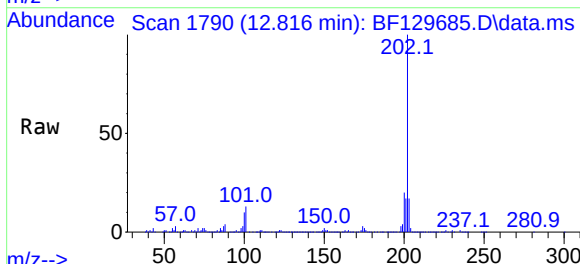
Tgt Ion:240 Resp: 297444
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 26.1 20.8 31.2

Manual Integrations
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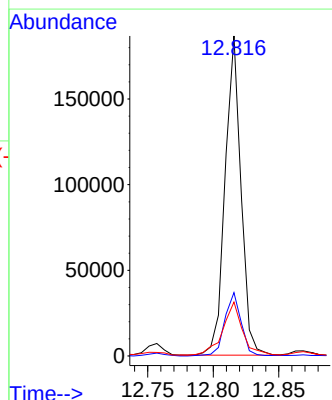
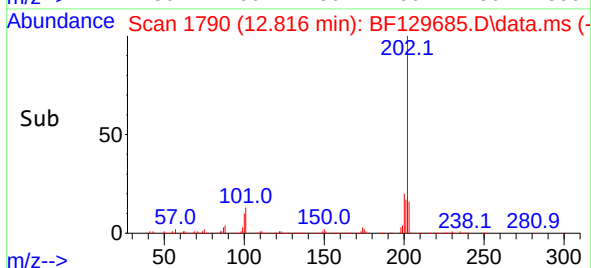
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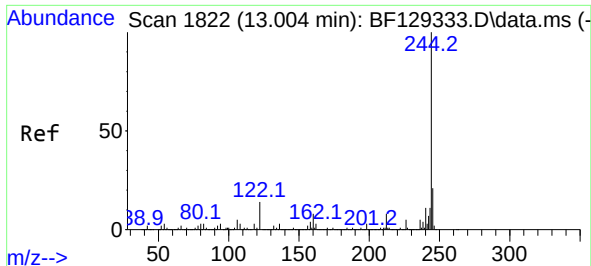


#78
Pyrene
Concen: 6.311 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39



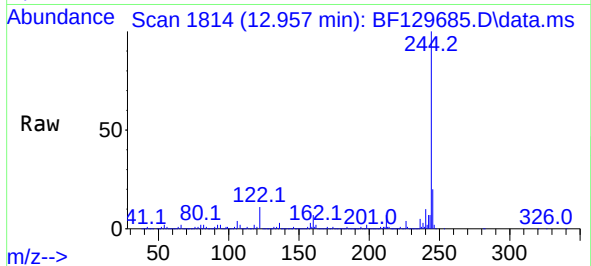
Tgt Ion:202 Resp: 156977
Ion Ratio Lower Upper
202 100
200 19.8 17.7 26.5
203 16.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 67.182 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129685.D
 Acq: 10 Aug 2022 01:39

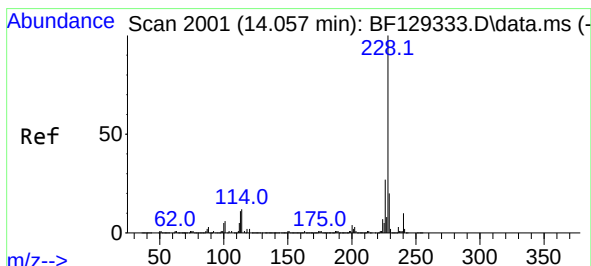
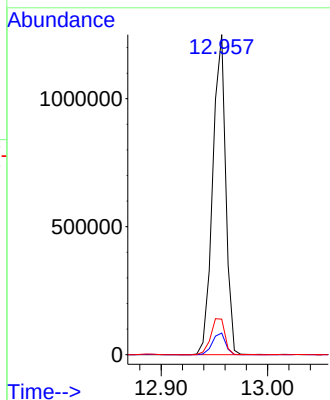
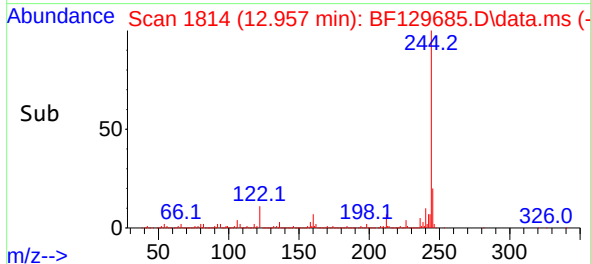
Instrument :
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 ClientSampleId :
 RVE-193



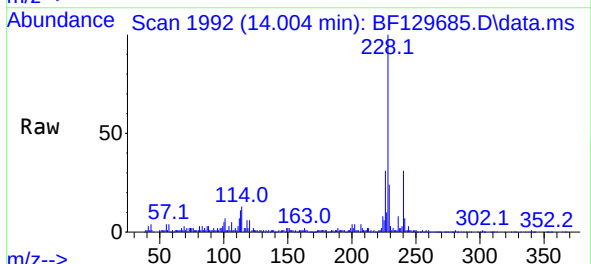
Tgt Ion:244 Resp: 1059219
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 11.1 8.8 13.2

Manual Integrations
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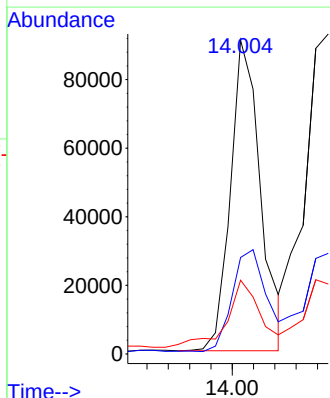
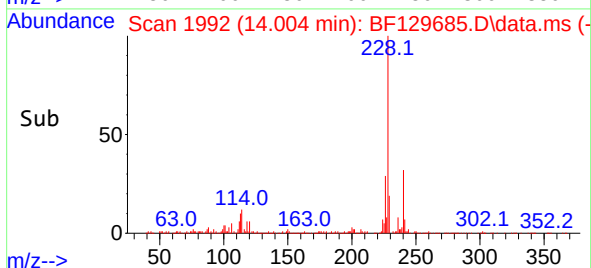
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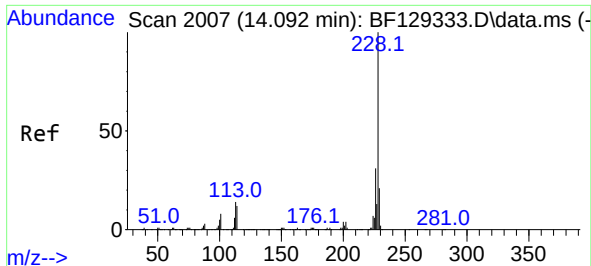


#81
 Benzo(a)anthracene
 Concen: 4.376 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129685.D
 Acq: 10 Aug 2022 01:39



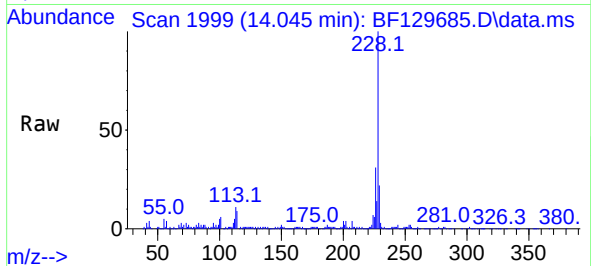
Tgt Ion:228 Resp: 88911
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.1 33.1
 229 23.5 15.8 23.8





#83
Chrysene
Concen: 5.165 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

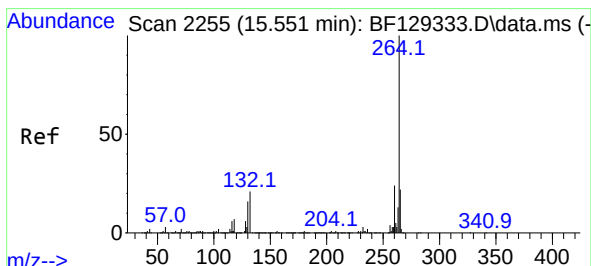
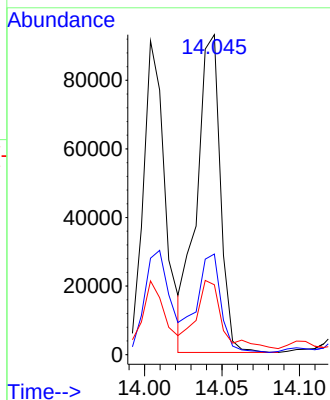
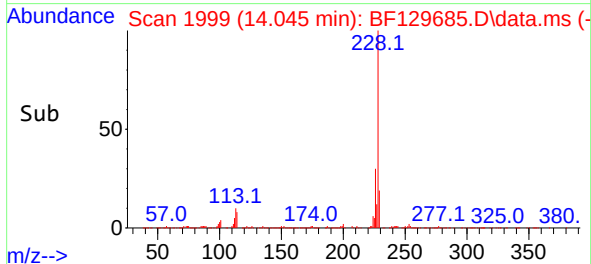
Instrument :
BNA_F
ClientSampleId :
RVE-193



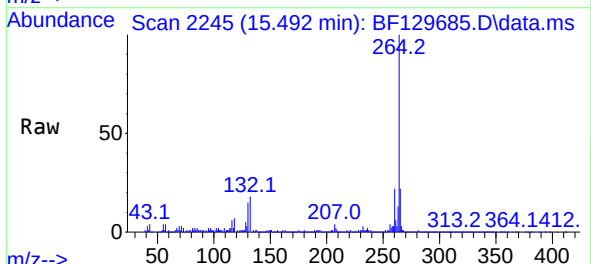
Tgt Ion:228 Resp: 9891
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 21.8 15.9 23.9

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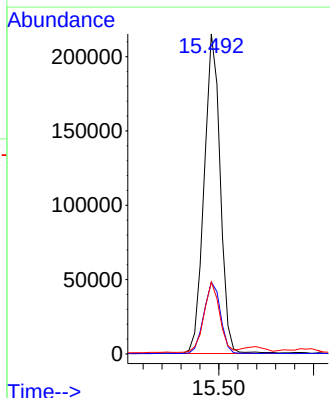
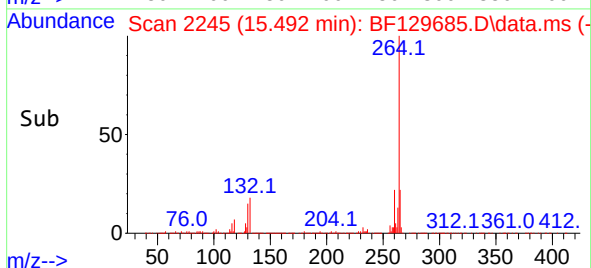
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

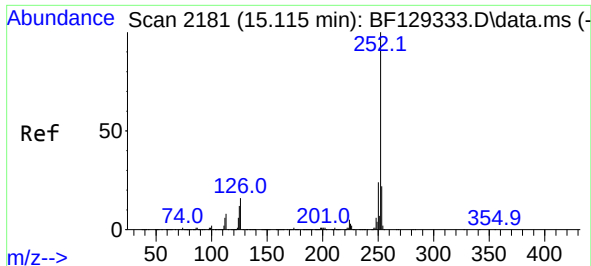


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39



Tgt Ion:264 Resp: 252973
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 22.5 17.2 25.8





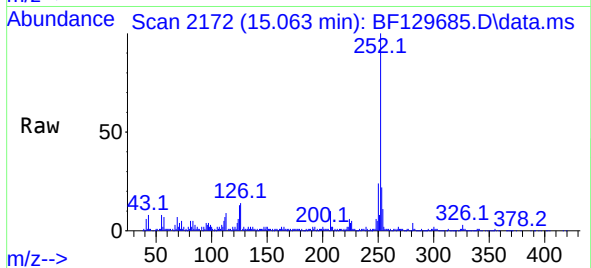
#88
Benzo(b)fluoranthene
Concen: 7.284 ng m
RT: 15.063 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Instrument :

BNA_F

ClientSampleId :

RVE-193

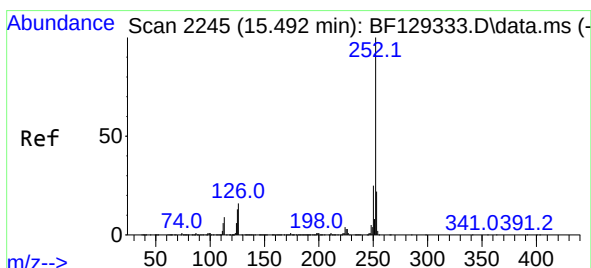
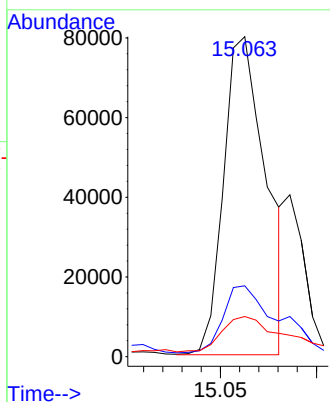
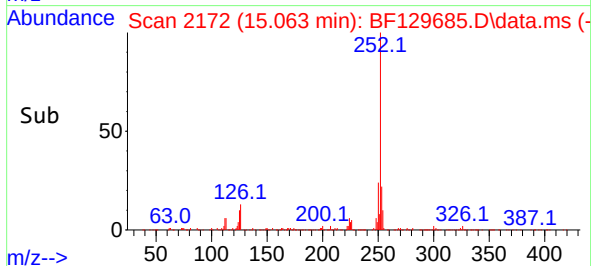


Tgt Ion:252 Resp: 122235
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.5 8.0 12.0

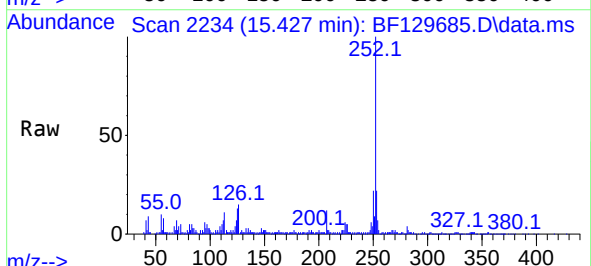
Manual Integrations

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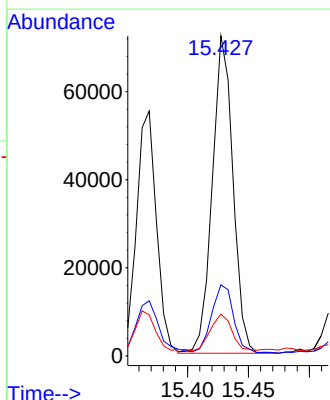
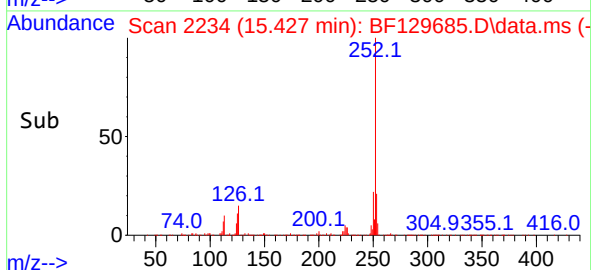
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

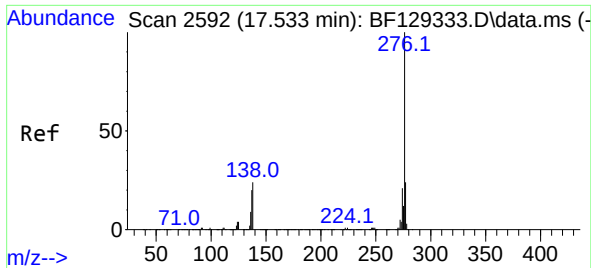


#90
Benzo(a)pyrene
Concen: 6.254 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39



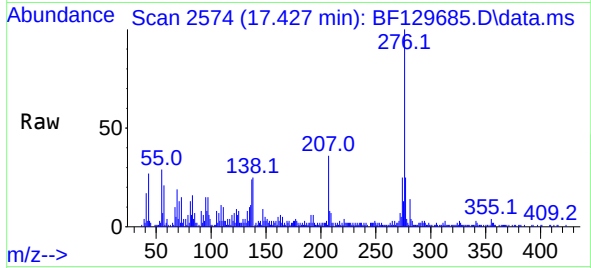
Tgt Ion:252 Resp: 85185
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.1 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 3.448 ng
RT: 17.427 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Instrument :
BNA_F
ClientSampleId :
RVE-193



Tgt Ion: 276 Resp: 48850
Ion Ratio Lower Upper
276 100
277 25.4 19.1 28.7
138 25.3 18.0 27.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022

