

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129683.D
 Acq On : 10 Aug 2022 00:32
 Operator : CG\JU
 Sample : N3962-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-199

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 05:37:31 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	172813	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	649593	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	295135	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	401875	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	296067	20.000	ng	-0.01
86) Perylene-d12	15.492	264	252458	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	896294	84.488	ng	0.00
7) Phenol-d6	6.492	99	1110076	83.250	ng	-0.01
23) Nitrobenzene-d5	7.404	82	699889	58.815	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	216069	76.148	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1209080	63.374	ng	-0.01
79) Terphenyl-d14	12.957	244	905511	57.700	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	369245	16.832	ng	99
75) Fluoranthene	12.586	202	268105	12.062	ng	100
78) Pyrene	12.816	202	410120	16.565	ng	98
81) Benzo(a)anthracene	14.004	228	157771	7.801	ng	96
83) Chrysene	14.039	228	166185	8.719	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	55823	3.284	ng	95
88) Benzo(b)fluoranthene	15.063	252	151374m	9.039	ng	
90) Benzo(a)pyrene	15.427	252	104743	7.705	ng	97
92) Benzo(g,h,i)perylene	17.427	276	67543	4.777	ng	95

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

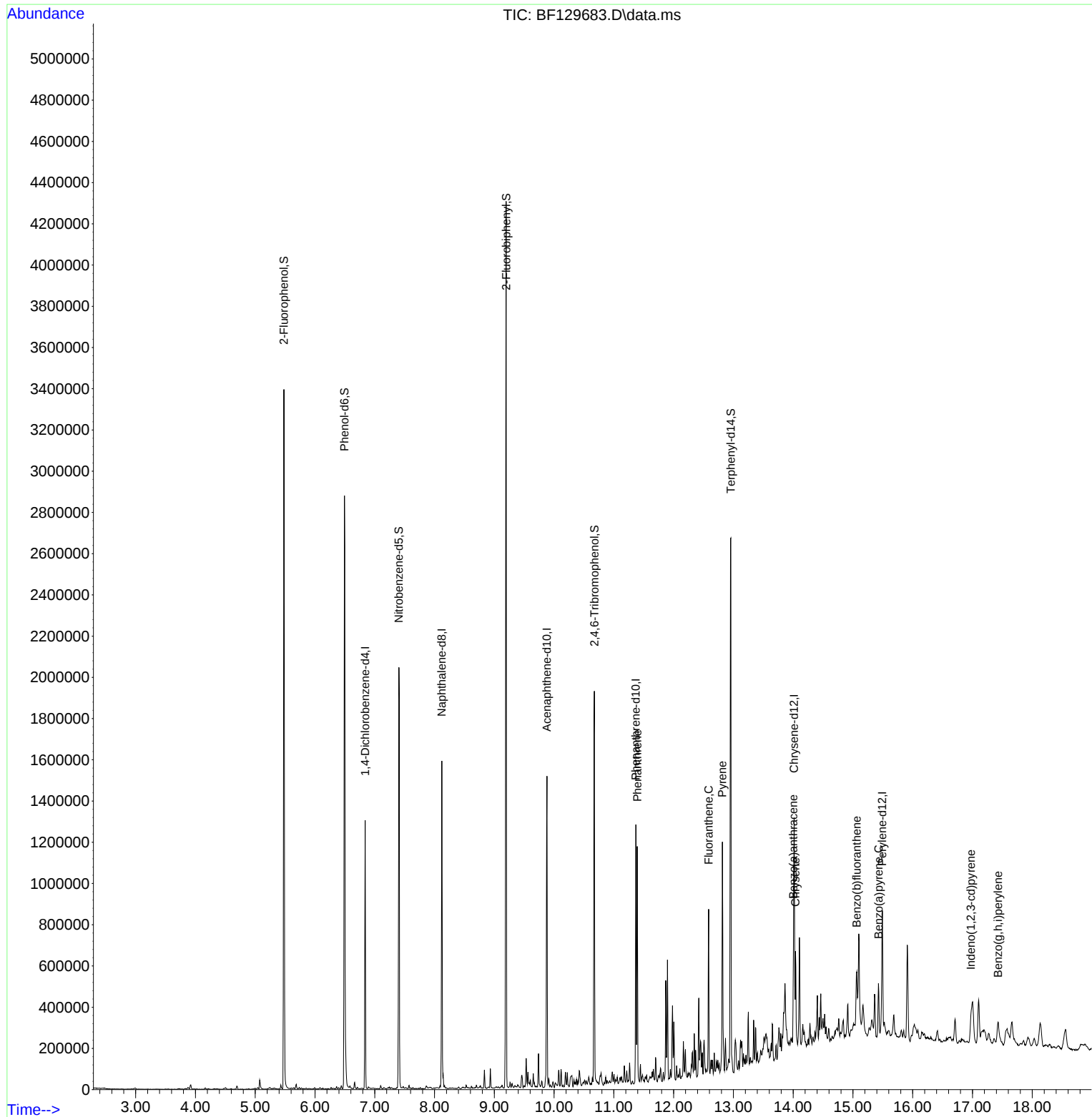
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129683.D
Acq On : 10 Aug 2022 00:32
Operator : CG\JU
Sample : N3962-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

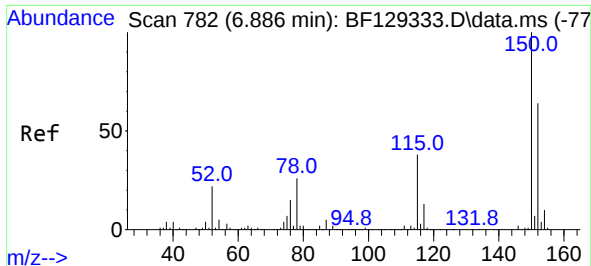
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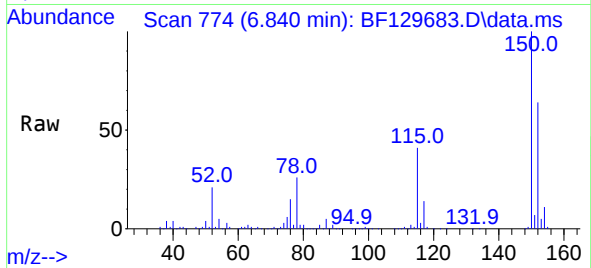
Quant Time: Aug 10 05:37:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

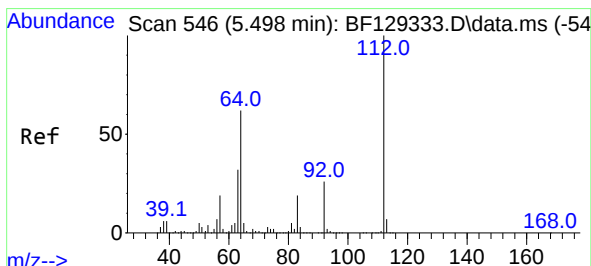
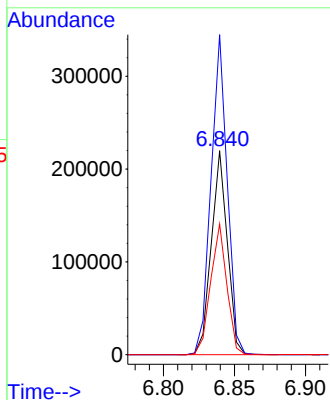
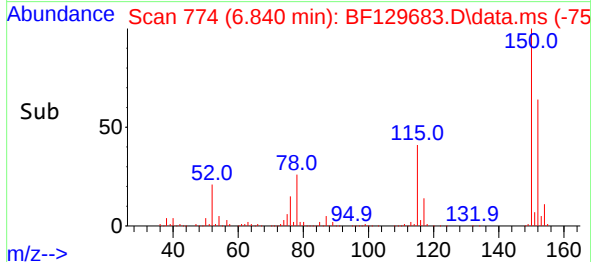
Instrument :
BNA_F
ClientSampleId :
RVE-199



Tgt Ion:152 Resp: 17281
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 64.1 49.9 74.9

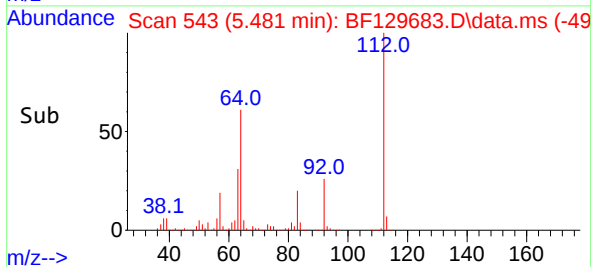
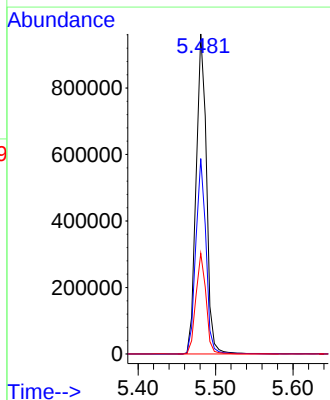
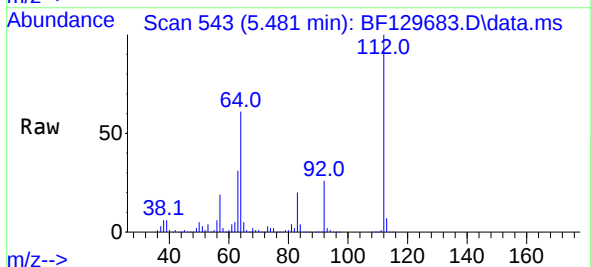
Manual Integrations
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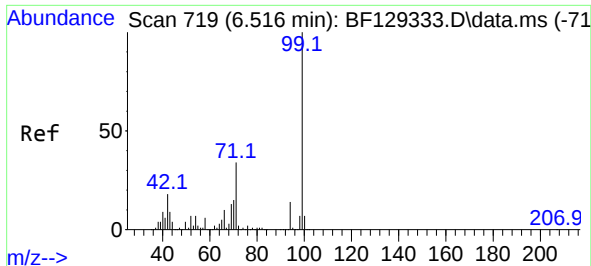
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 84.488 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

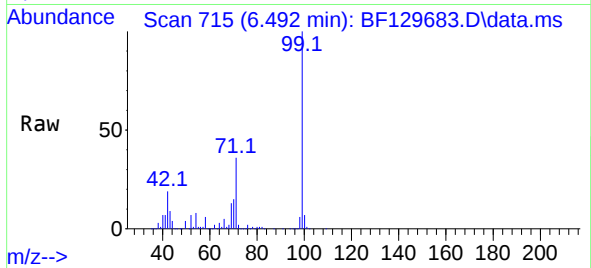
Tgt Ion:112 Resp: 896294
Ion Ratio Lower Upper
112 100
64 61.1 53.3 79.9
63 31.4 28.0 42.0





#7
Phenol-d6
Concen: 83.250 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

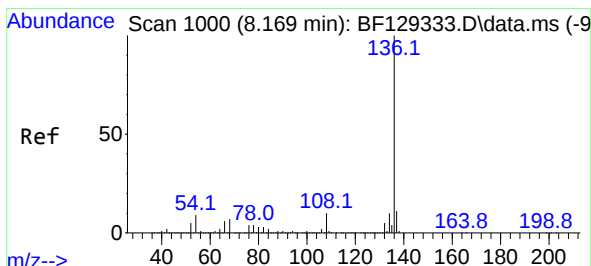
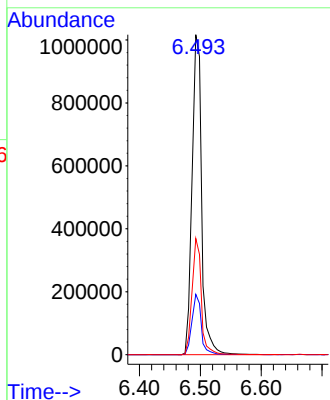
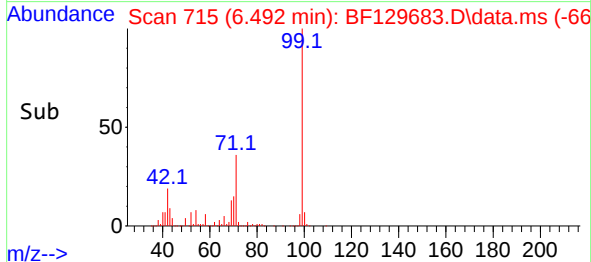
Instrument :
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ClientSampleId :
RVE-199



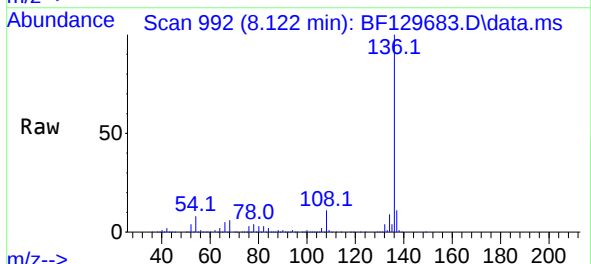
Tgt Ion: 99 Resp: 1110070
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.3 28.9 43.3

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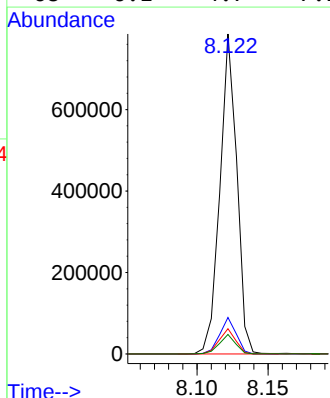
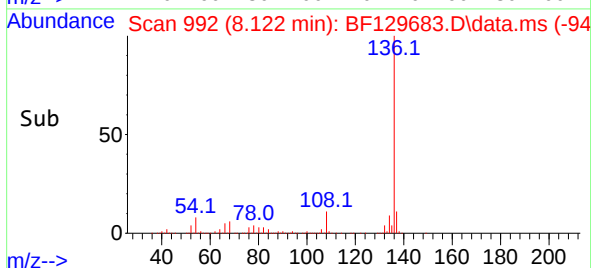
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

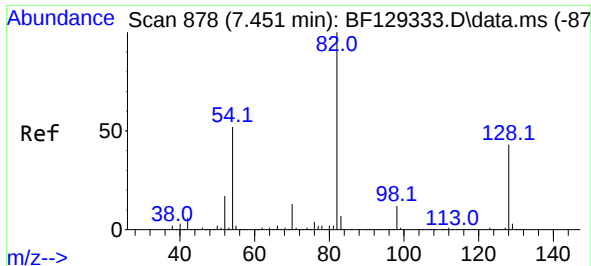


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32



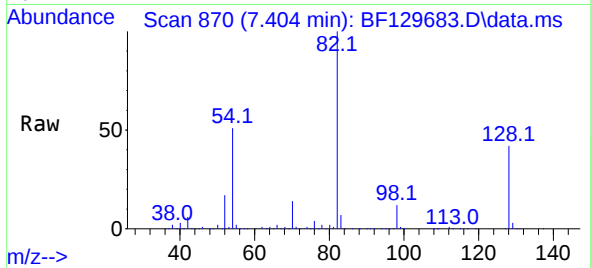
Tgt Ion:136 Resp: 649593
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 7.5 11.3
68 6.1 4.7 7.1





#23
Nitrobenzene-d5
Concen: 58.815 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

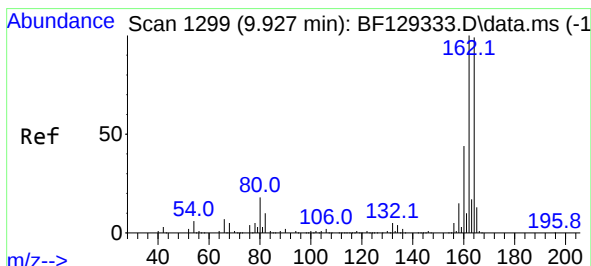
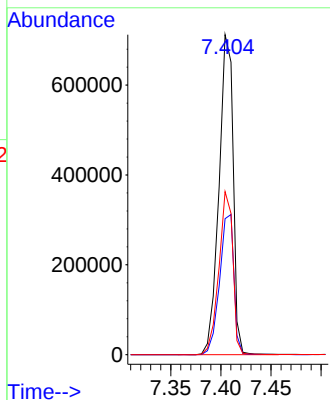
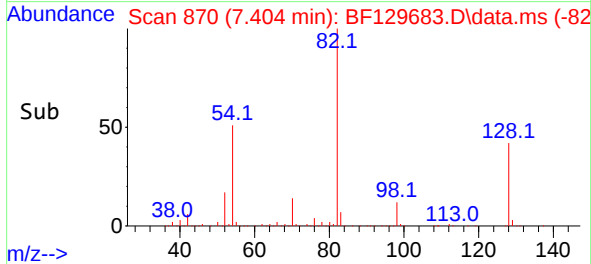
Instrument :
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ClientSampleId :
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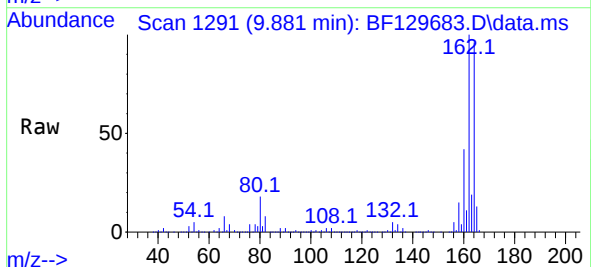
Tgt Ion: 82 Resp: 699889
Ion Ratio Lower Upper
82 100
128 42.5 34.0 51.0
54 50.9 46.9 70.3

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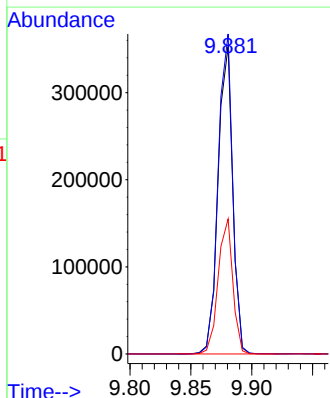
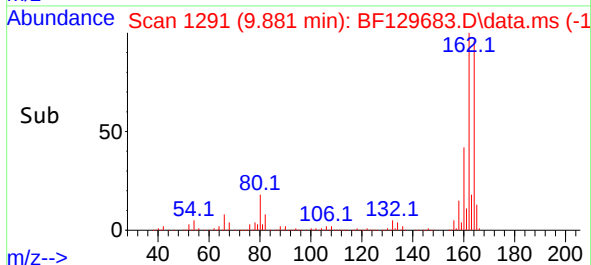
Reviewed By :Christian Giraldo 08/10/2022
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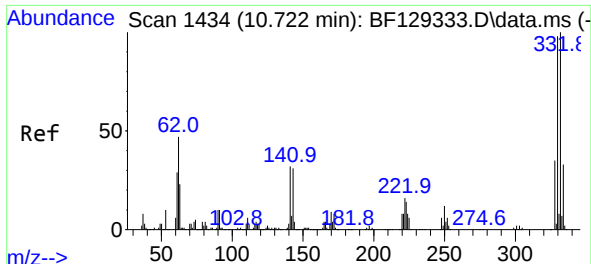


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32



Tgt Ion:164 Resp: 295135
Ion Ratio Lower Upper
164 100
162 104.0 79.5 119.3
160 43.9 34.2 51.4





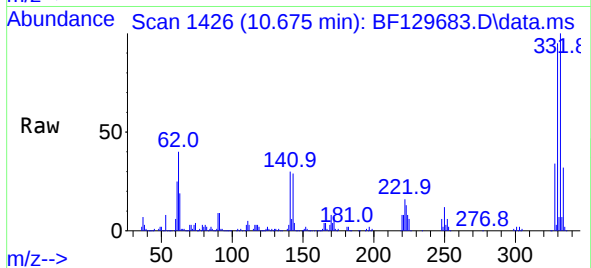
#42
2,4,6-Tribromophenol
Concen: 76.148 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

Instrument :

BNA_F

ClientSampleId :

RVE-199

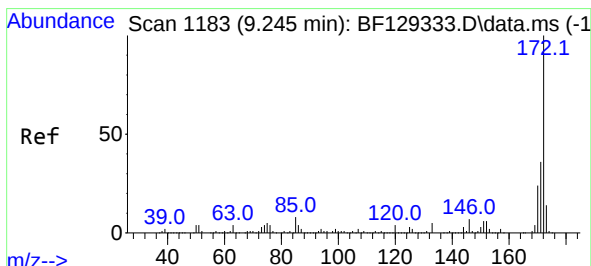
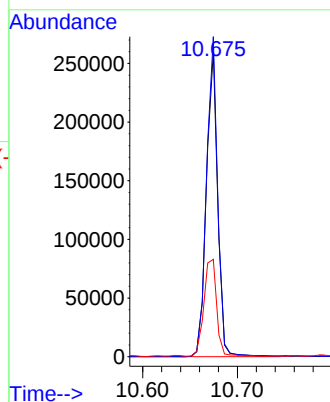
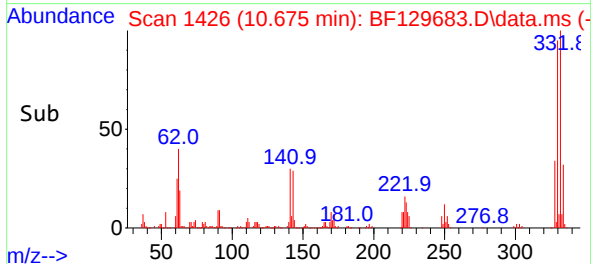


Tgt Ion:330 Resp: 216069
Ion Ratio Lower Upper
330 100
332 103.7 76.8 115.2
141 36.1 28.0 42.0

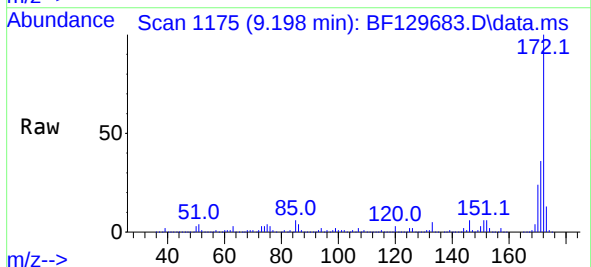
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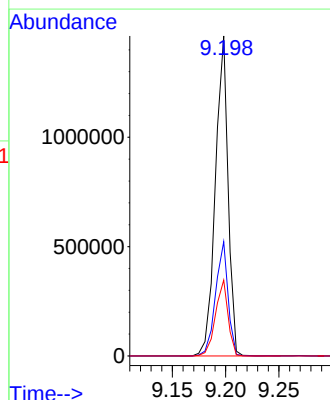
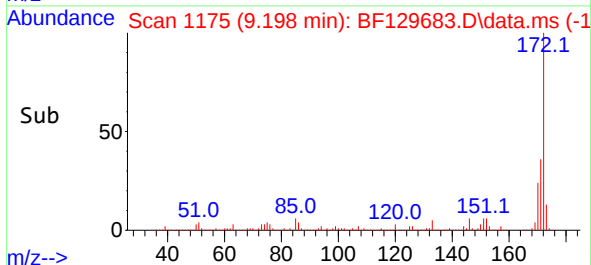
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

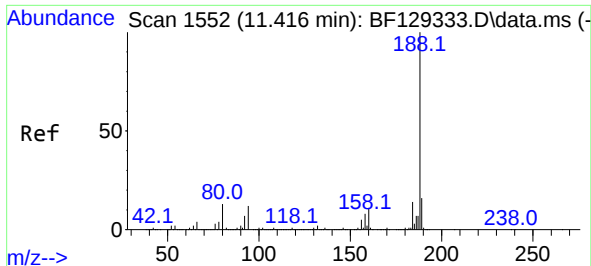


#45
2-Fluorobiphenyl
Concen: 63.374 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32



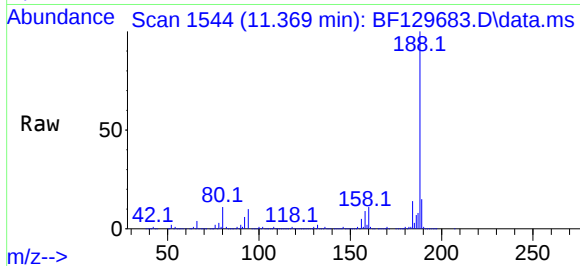
Tgt Ion:172 Resp: 1209080
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

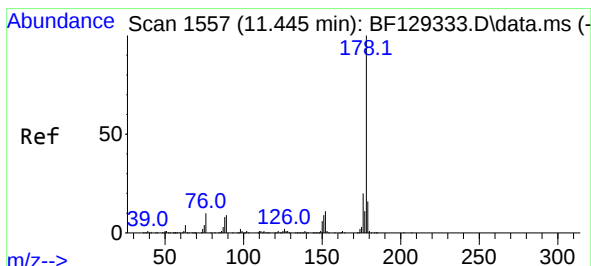
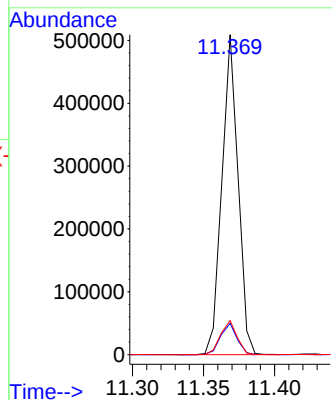
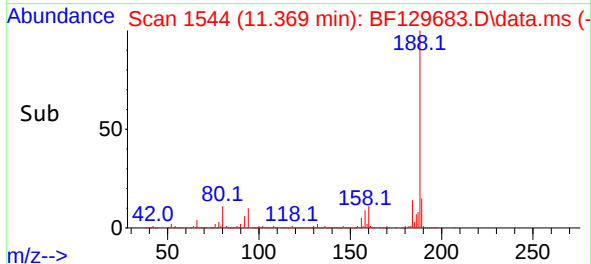
Instrument :
BNA_F
ClientSampleId :
RVE-199



Tgt Ion:188 Resp: 401875
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.6 7.6 11.4

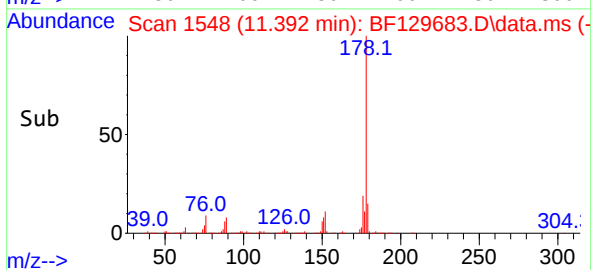
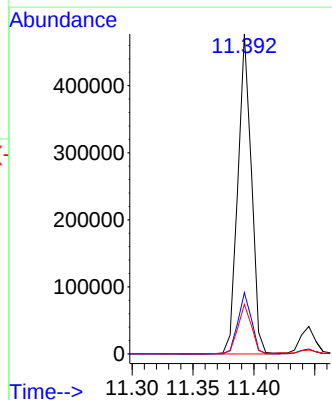
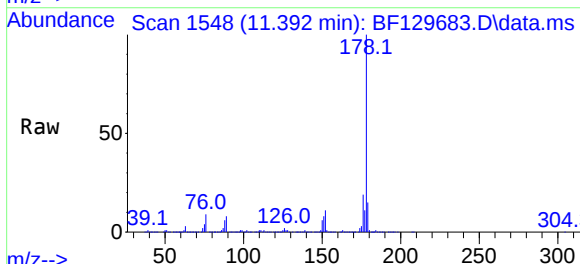
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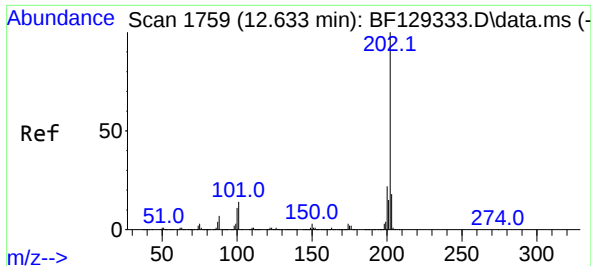
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#71
Phenanthrene
Concen: 16.832 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

Tgt Ion:178 Resp: 369245
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.5 12.6 19.0





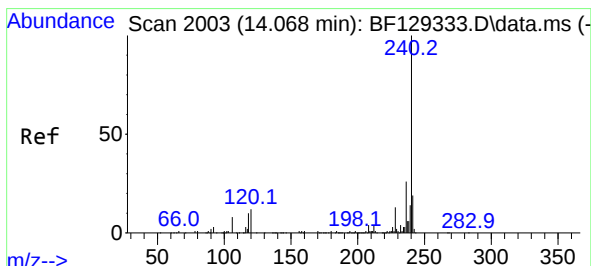
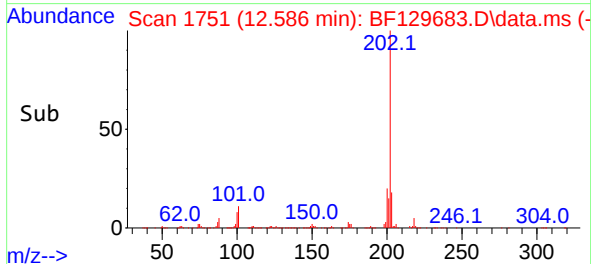
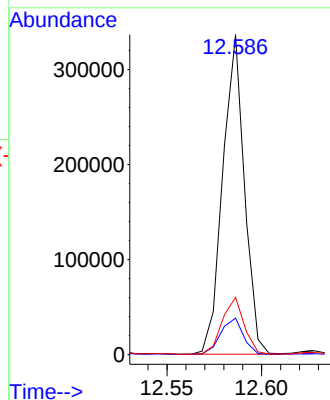
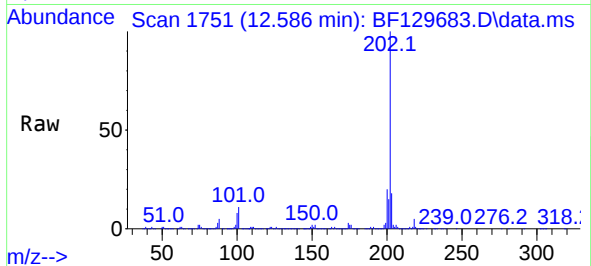
#75
Fluoranthene
Concen: 12.062 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

Instrument :
BNA_F
ClientSampleId :
RVE-199

Tgt Ion:202 Resp: 26810
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.0 0.0 38.0

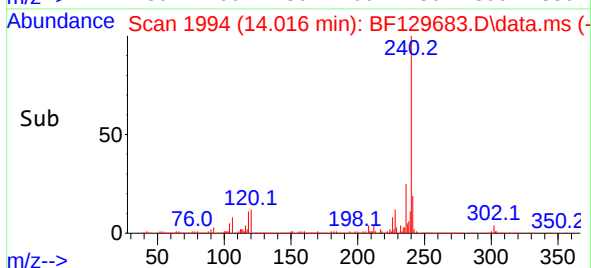
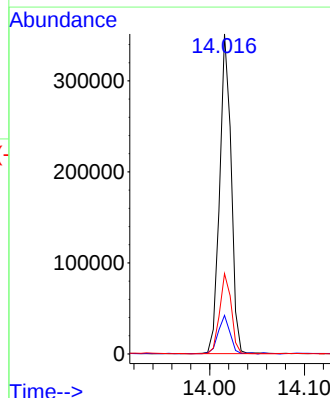
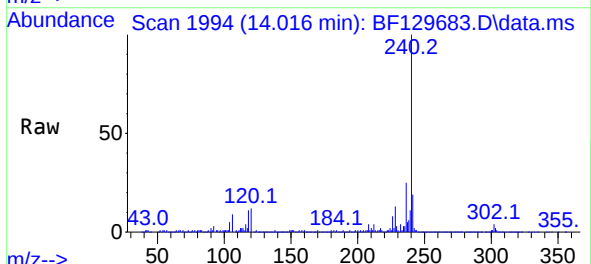
Manual Integrations
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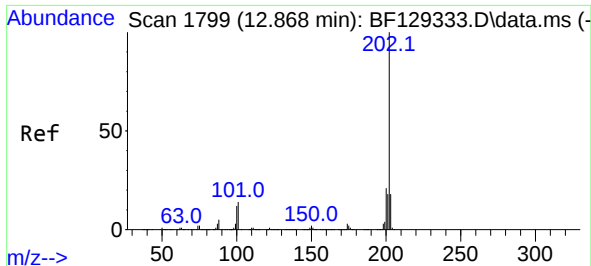
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

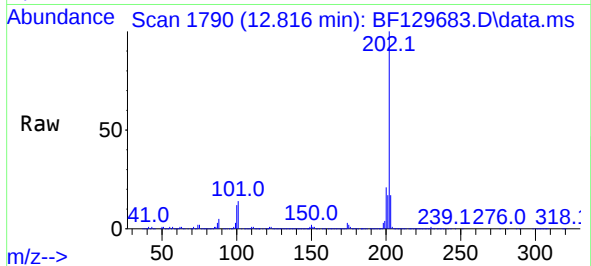
Tgt Ion:240 Resp: 296067
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.1 20.8 31.2





#78
Pyrene
Concen: 16.565 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

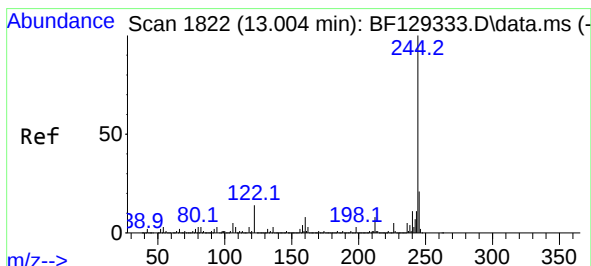
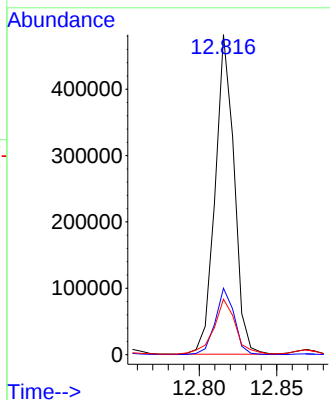
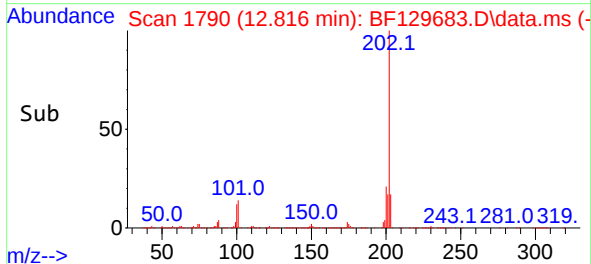
Instrument :
BNA_F
ClientSampleId :
RVE-199



Tgt Ion:202 Resp: 410120
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 17.4 14.6 21.8

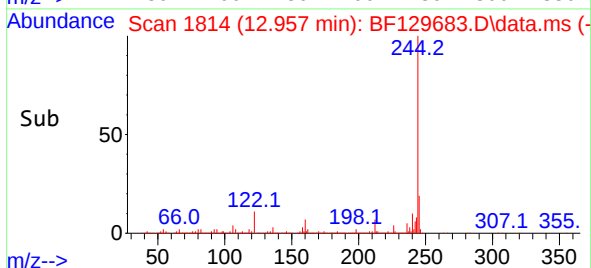
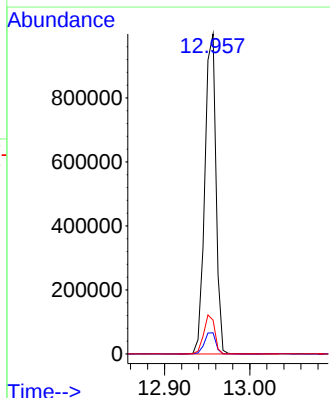
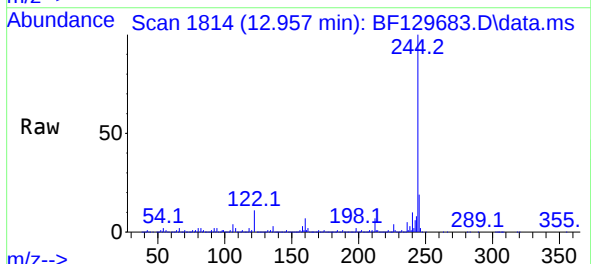
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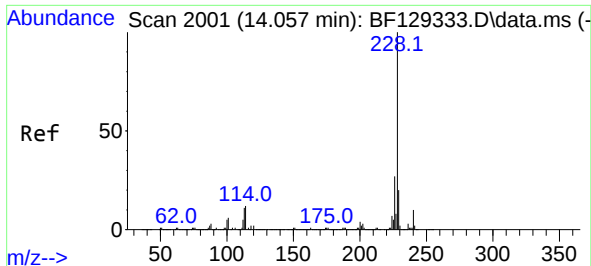
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#79
Terphenyl-d14
Concen: 57.700 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

Tgt Ion:244 Resp: 905511
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 10.6 8.8 13.2





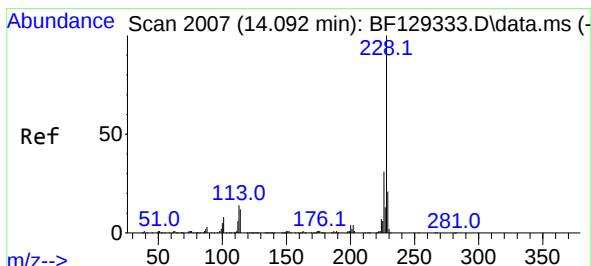
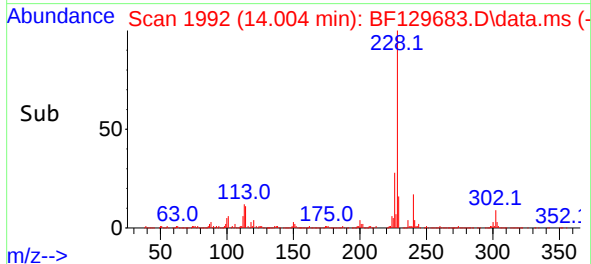
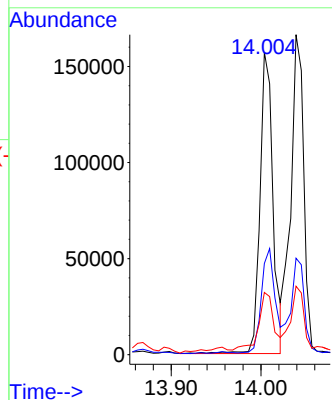
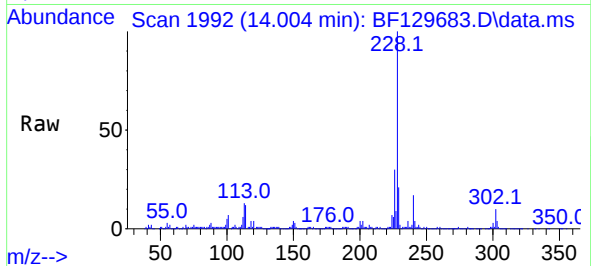
#81
Benzo(a)anthracene
Concen: 7.801 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

Instrument :
BNA_F
ClientSampleId :
RVE-199

Tgt Ion:228 Resp: 15777
Ion Ratio Lower Upper
228 100
226 30.2 22.1 33.1
229 20.6 15.8 23.8

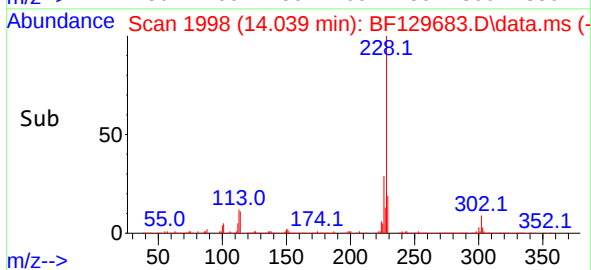
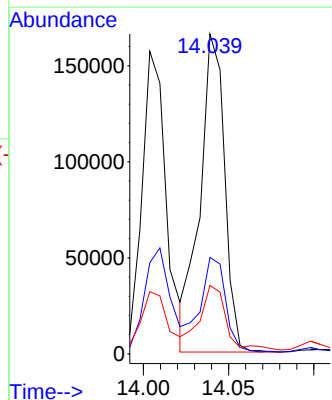
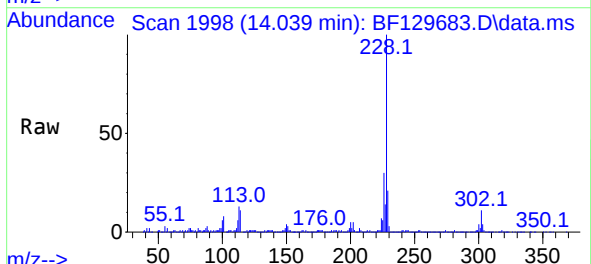
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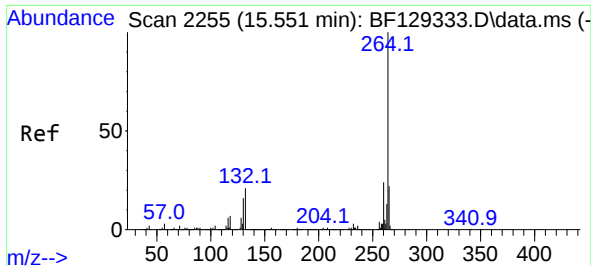
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#83
Chrysene
Concen: 8.719 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

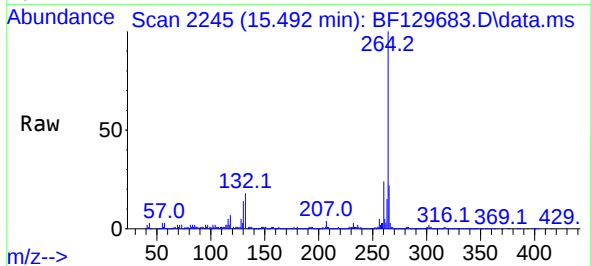
Tgt Ion:228 Resp: 166185
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

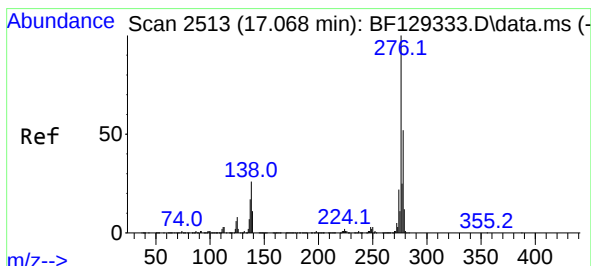
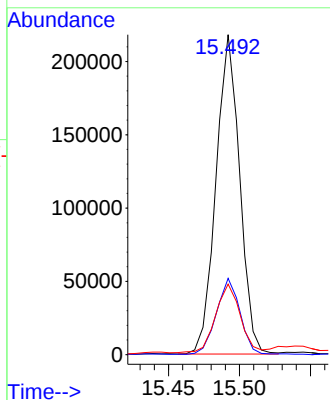
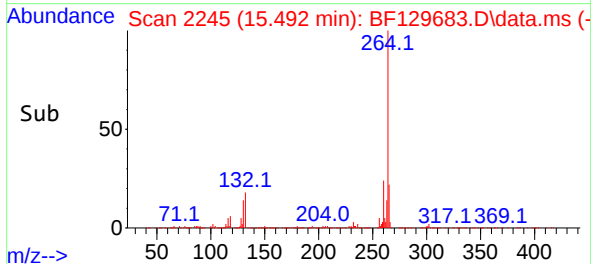
Instrument :
BNA_F
ClientSampleId :
RVE-199



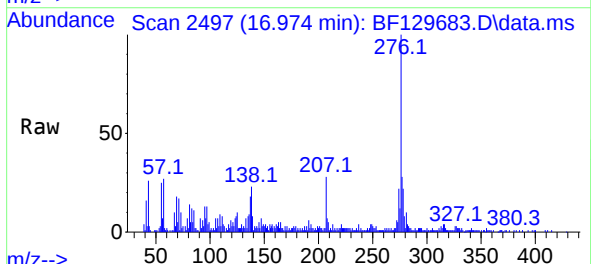
Tgt Ion:264 Resp: 252458
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.0 17.2 25.8

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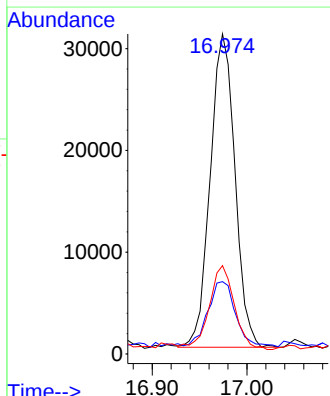
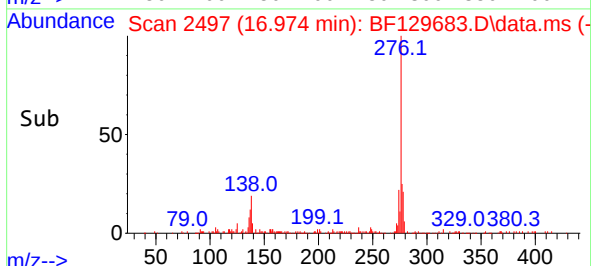
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

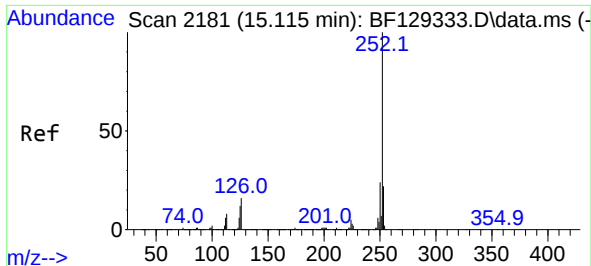


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.284 ng
RT: 16.974 min Scan# 2497
Delta R.T. -0.024 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32



Tgt Ion:276 Resp: 55823
Ion Ratio Lower Upper
276 100
138 23.3 21.1 31.7
277 27.4 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 9.039 ng m

RT: 15.063 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BF129683.D

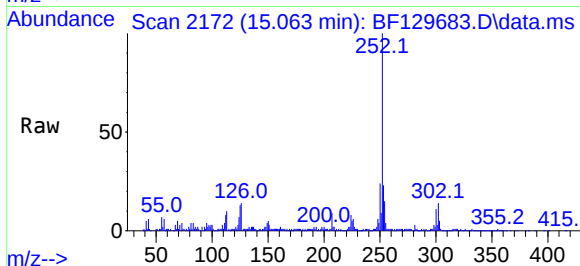
Acq: 10 Aug 2022 00:32

Instrument :

BNA_F

ClientSampleId :

RVE-199



Tgt Ion:252 Resp: 151374

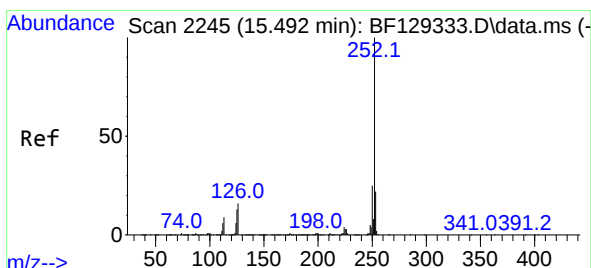
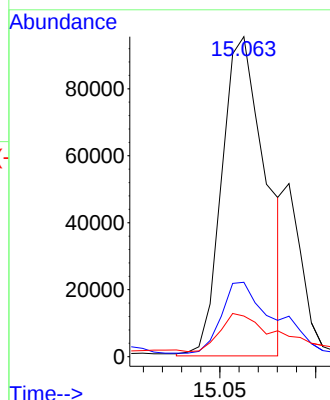
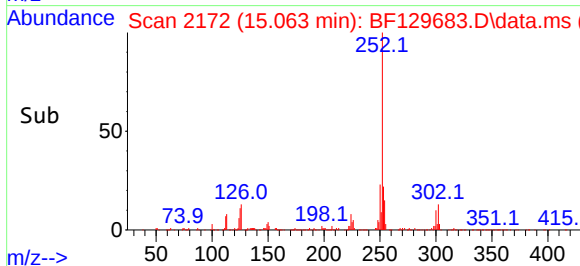
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	12.7	8.0	12.0

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: 7.705 ng

RT: 15.427 min Scan# 2234

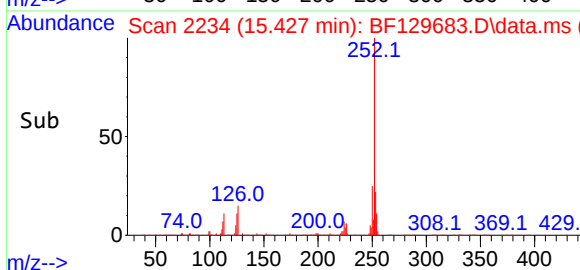
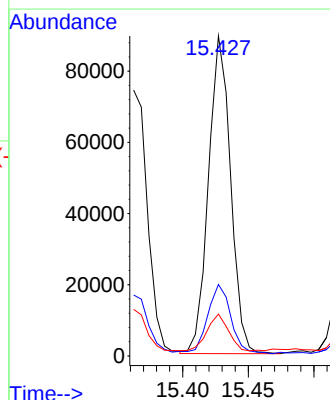
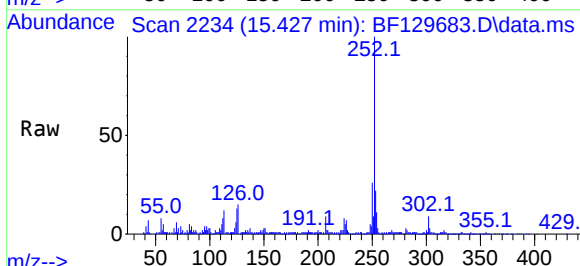
Delta R.T. -0.012 min

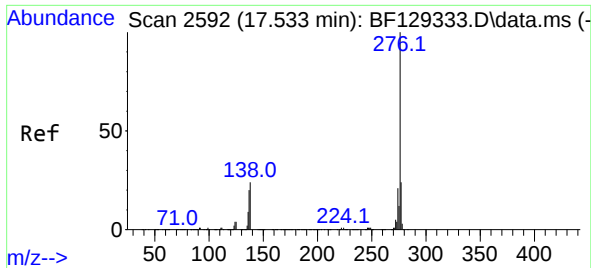
Lab File: BF129683.D

Acq: 10 Aug 2022 00:32

Tgt Ion:252 Resp: 104743

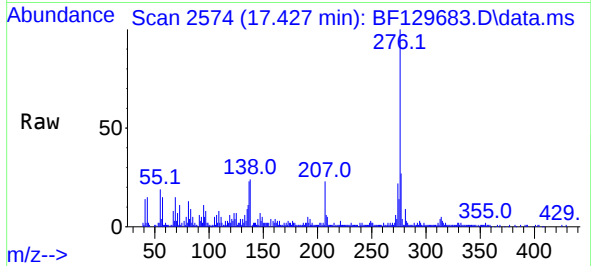
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.1	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 4.777 ng
RT: 17.427 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF129683.D
Acq: 10 Aug 2022 00:32

Instrument :
BNA_F
ClientSampleId :
RVE-199



Tgt Ion: 276 Resp: 6754
Ion Ratio Lower Upper
276 100
277 27.2 19.1 28.7
138 24.0 18.0 27.0

Manual Integrations
APPROVED

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

