

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128607.D
 Acq On : 31 May 2022 21:32
 Operator : CG\JU
 Sample : N3109-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-10

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 00:59:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	104863	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	379353	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	188391	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	290413	20.000	ng	0.00
76) Chrysene-d12	14.015	240	188962	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	151213	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	722867	114.183	ng	0.06
7) Phenol-d6	6.534	99	903823	111.971	ng	0.06
23) Nitrobenzene-d5	7.410	82	649238	98.730	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	203575	113.528	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1099042	94.779	ng	0.00
79) Terphenyl-d14	12.963	244	865239	88.463	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	29633	2.154	ng	98
75) Fluoranthene	12.586	202	88771	6.036	ng	95
78) Pyrene	12.816	202	77759	5.462	ng	97
81) Benzo(a)anthracene	14.004	228	53315	4.747	ng	94
83) Chrysene	14.039	228	48897	4.251	ng	96
84) Bis(2-ethylhexyl)phtha...	13.998	149	43433	5.981	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	20629	2.313	ng	93
88) Benzo(b)fluoranthene	15.057	252	59713m	6.348	ng	
89) Benzo(k)fluoranthene	15.080	252	18974m	2.177	ng	
90) Benzo(a)pyrene	15.421	252	35325	4.681	ng	98
92) Benzo(g,h,i)perylene	17.392	276	17318	2.361	ng	# 92

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

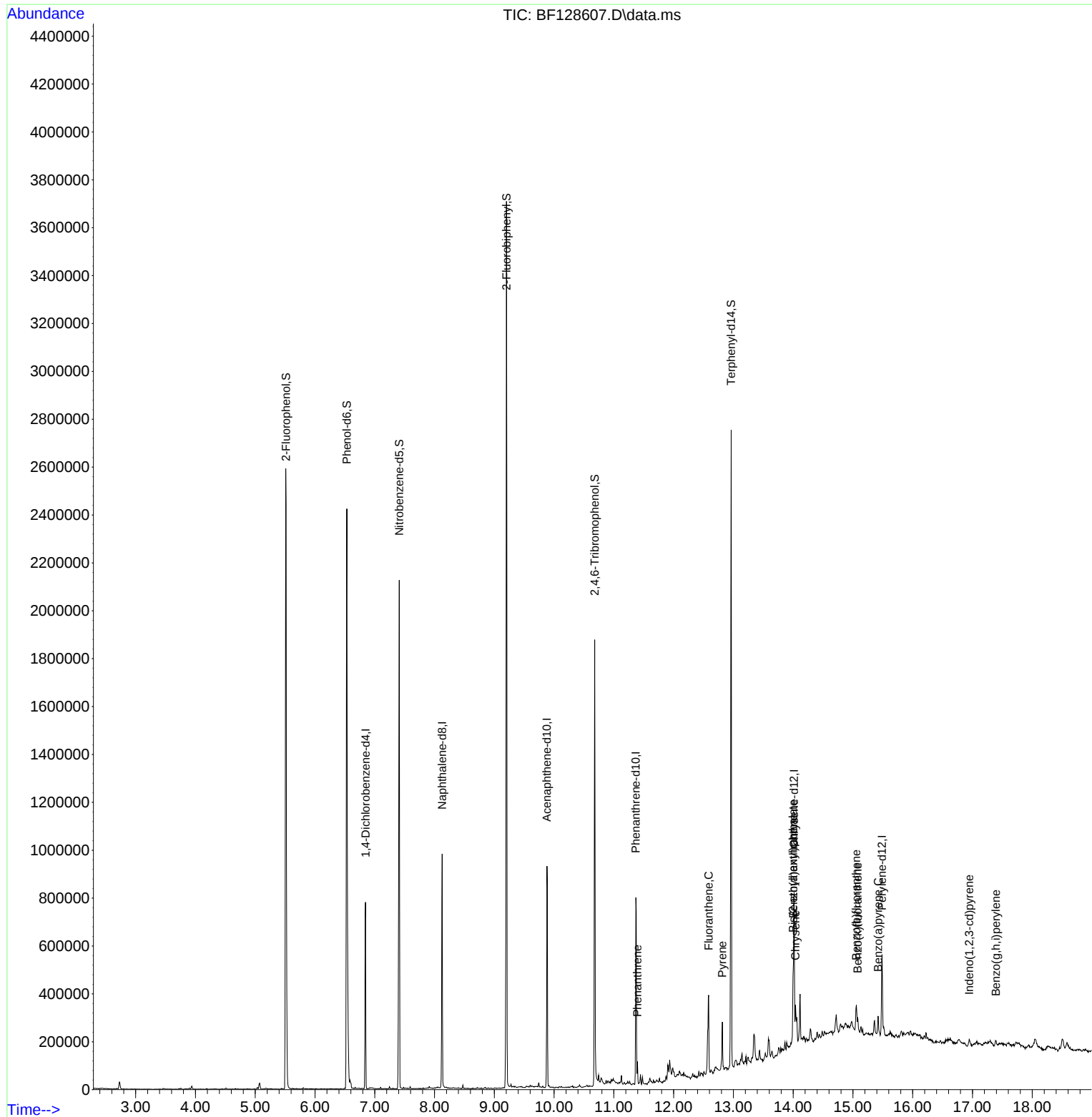
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
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ALS Vial : 16 Sample Multiplier: 1

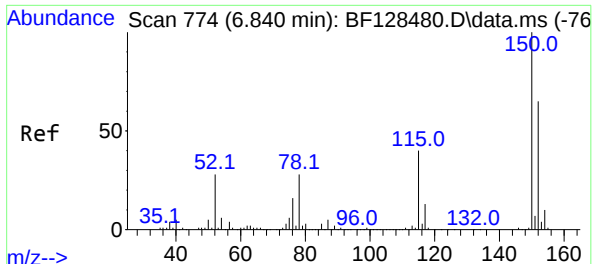
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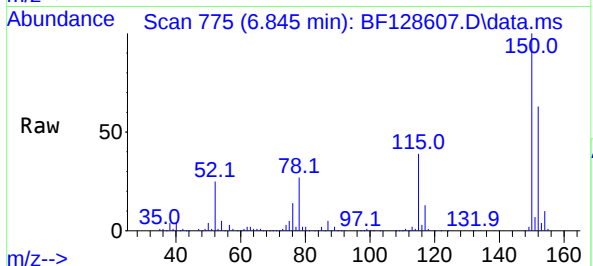
Quant Time: Jun 01 00:59:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

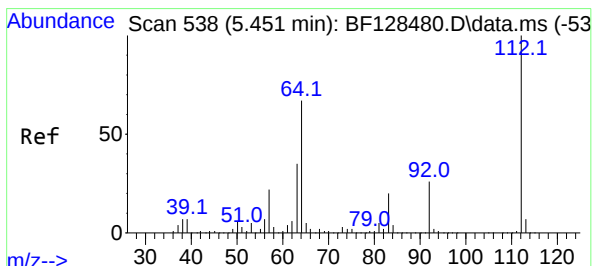
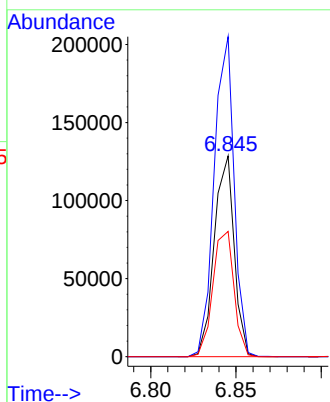
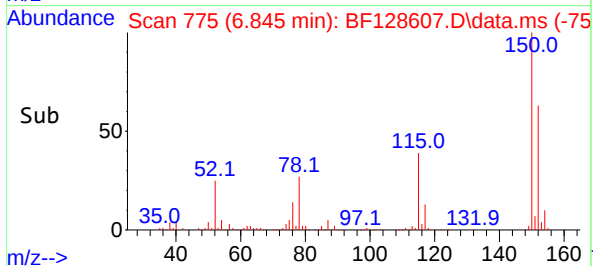
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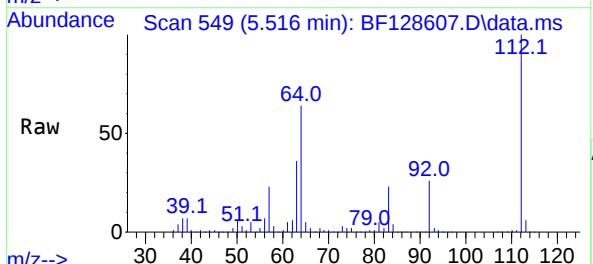
Tgt Ion:152 Resp: 10486
Ion Ratio Lower Upper
152 100
150 159.4 123.7 185.5
115 62.4 49.9 74.9

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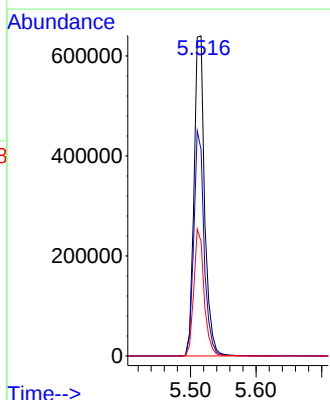
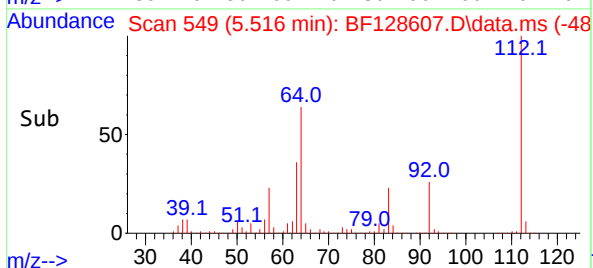
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

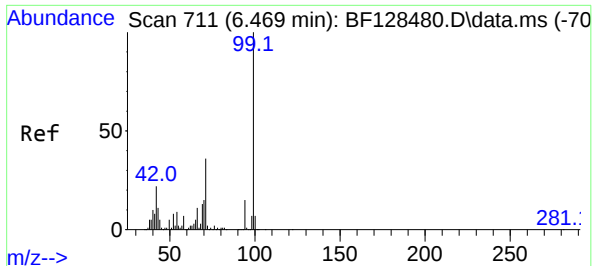


#5
2-Fluorophenol
Concen: 114.183 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.065 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



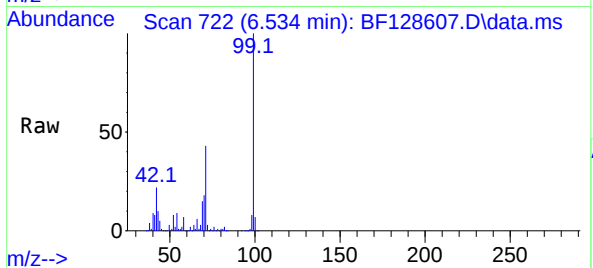
Tgt Ion:112 Resp: 722867
Ion Ratio Lower Upper
112 100
64 64.5 53.3 79.9
63 35.8 28.0 42.0





#7
Phenol-d6
Concen: 111.971 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.065 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

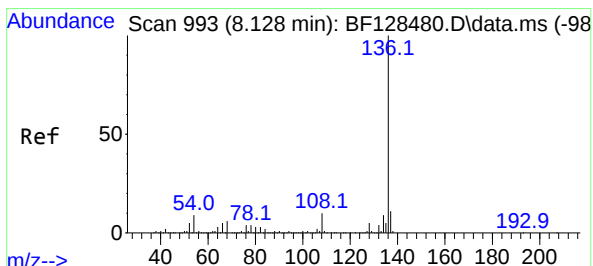
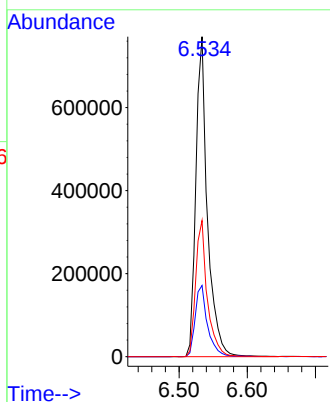
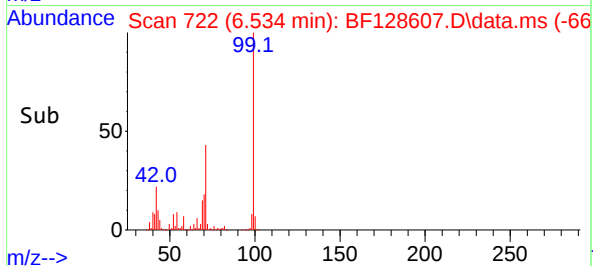
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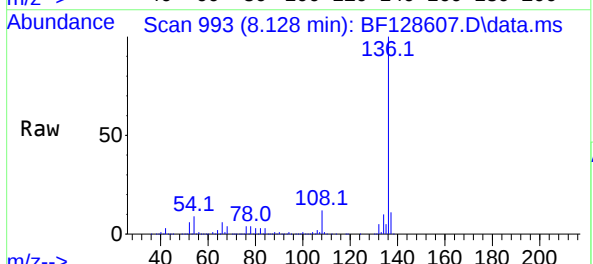
Tgt Ion: 99 Resp: 90382
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 42.6 28.9 43.3

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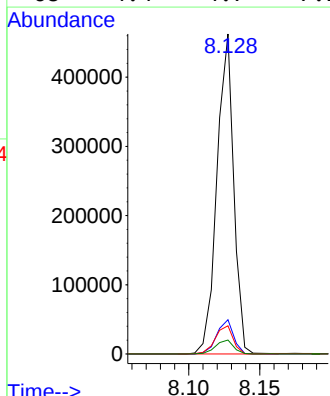
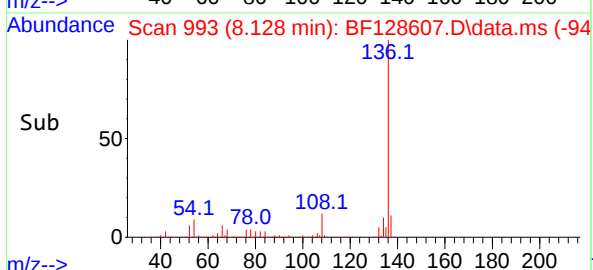
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Supervised By :Jagrut Upadhyay 06/01/2022

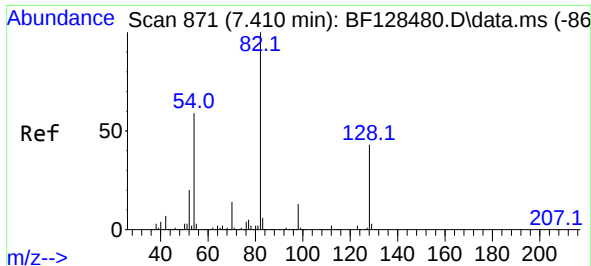


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



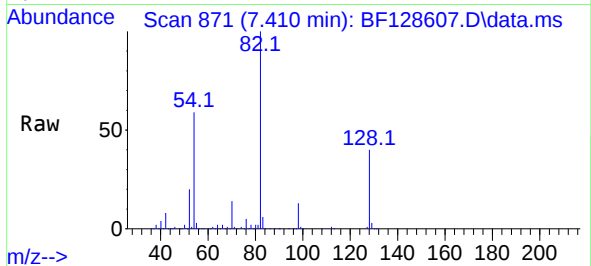
Tgt Ion:136 Resp: 379353
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.8 7.5 11.3
68 4.4 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 98.730 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

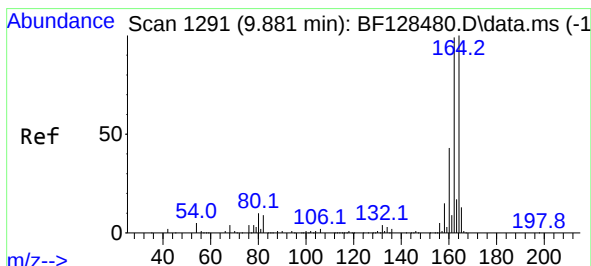
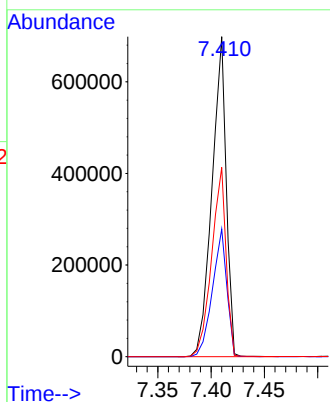
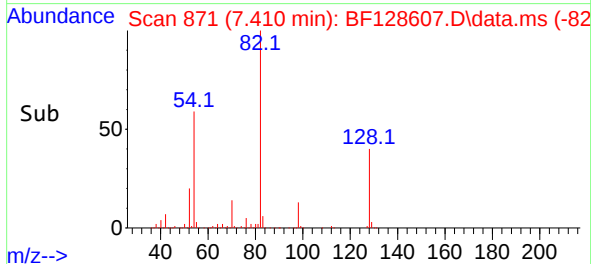
Instrument :
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BB-10



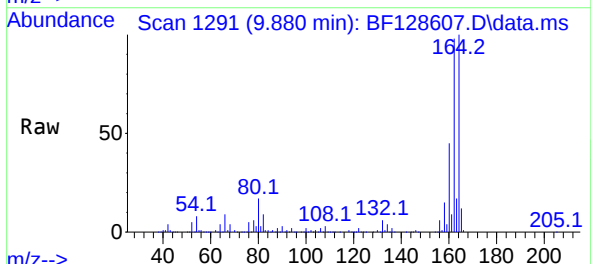
Tgt Ion: 82 Resp: 649238
Ion Ratio Lower Upper
82 100
128 39.9 34.0 51.0
54 59.2 46.9 70.3

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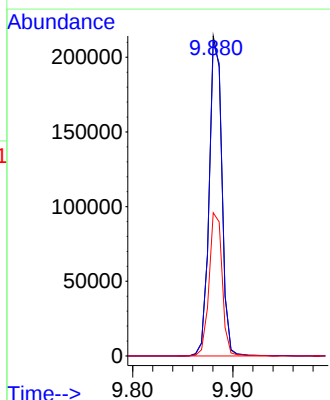
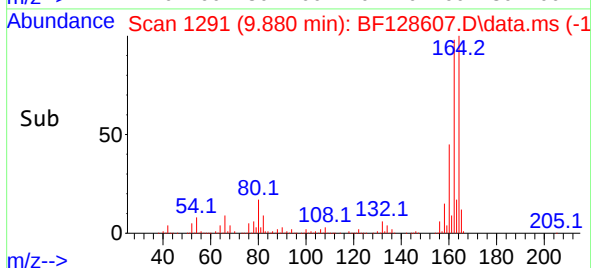
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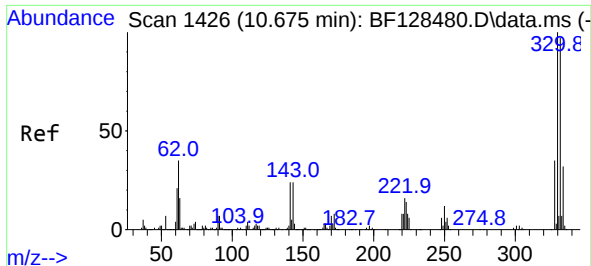


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



Tgt Ion:164 Resp: 188391
Ion Ratio Lower Upper
164 100
162 98.0 79.5 119.3
160 44.7 34.2 51.4





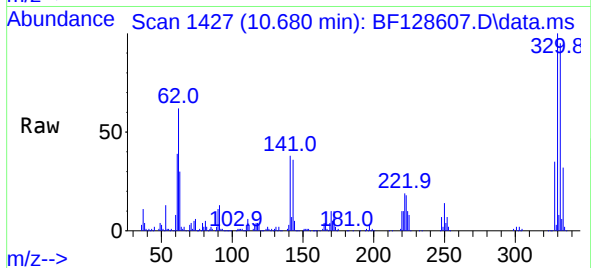
#42
2,4,6-Tribromophenol
Concen: 113.528 ng
RT: 10.680 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

Instrument :

BNA_F

ClientSampleId :

BB-10

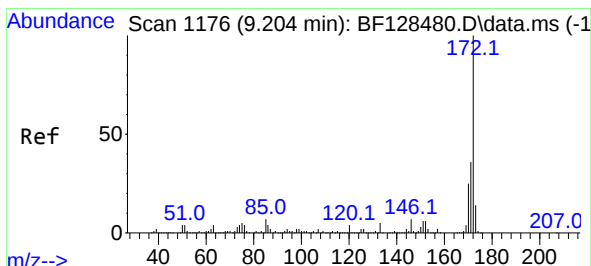
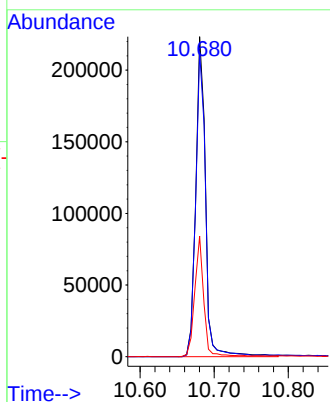
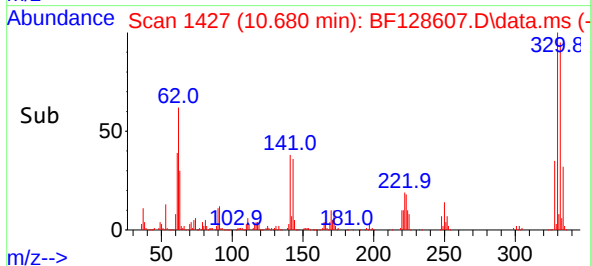


Tgt Ion:330 Resp: 203579
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 34.6 28.0 42.0

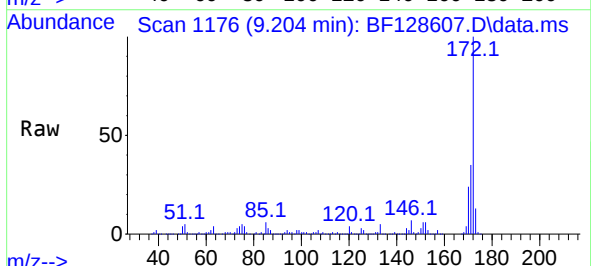
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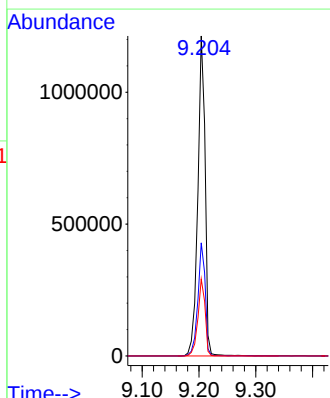
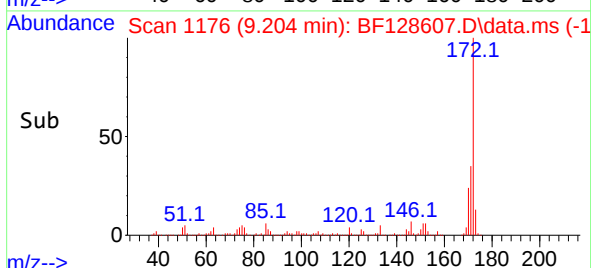
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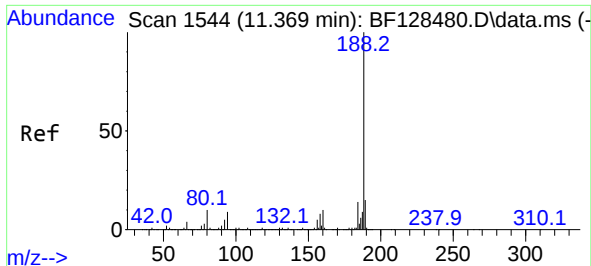


#45
2-Fluorobiphenyl
Concen: 94.779 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



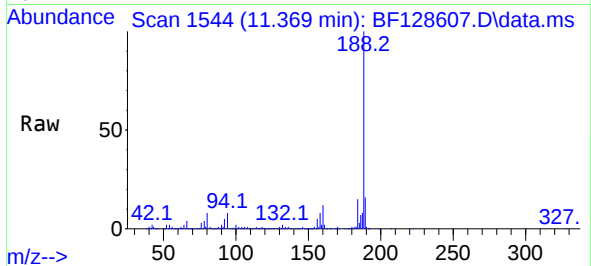
Tgt Ion:172 Resp: 1099042
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

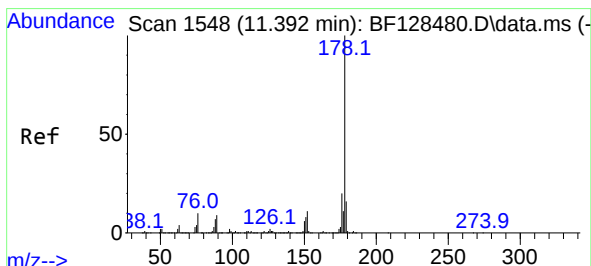
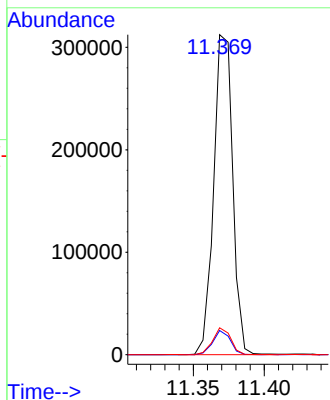
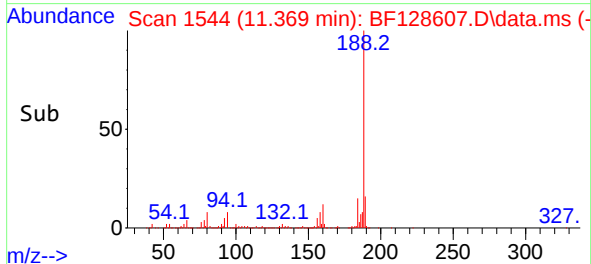
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ClientSampleId :
BB-10



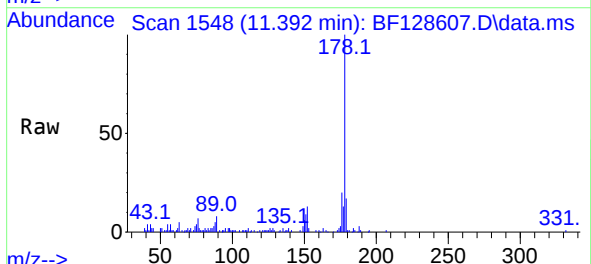
Tgt Ion:188 Resp: 290411
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.4 7.6 11.4

Manual Integrations
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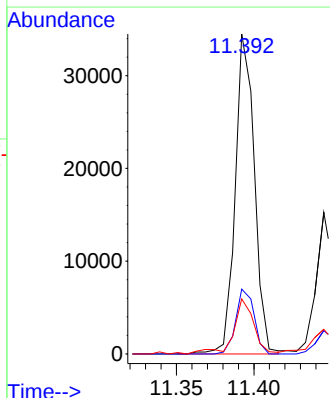
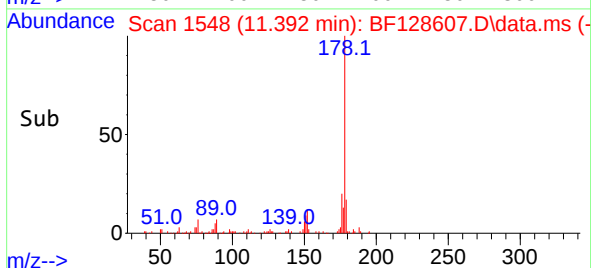
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Supervised By :Jagrut Upadhyay 06/01/2022

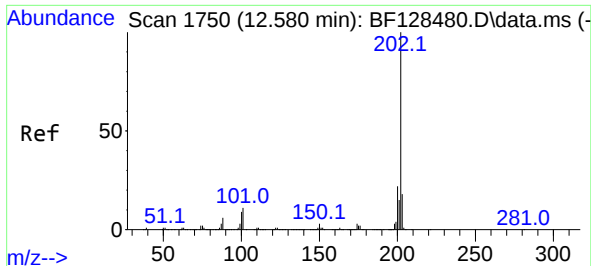


#71
Phenanthrene
Concen: 2.154 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



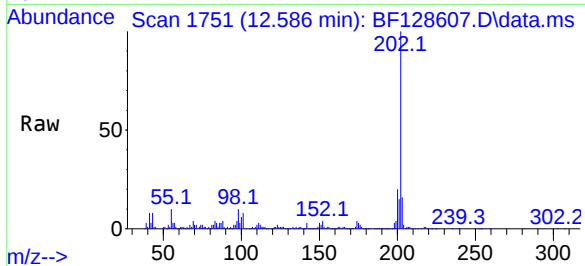
Tgt Ion:178 Resp: 29633
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 17.2 12.6 19.0





#75
Fluoranthene
Concen: 6.036 ng
RT: 12.586 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

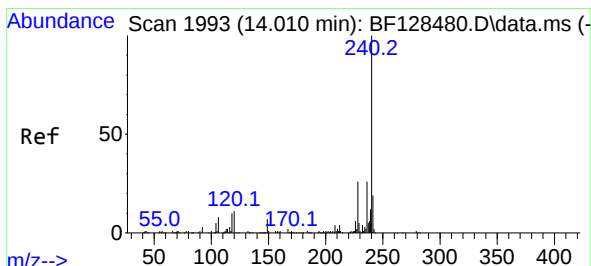
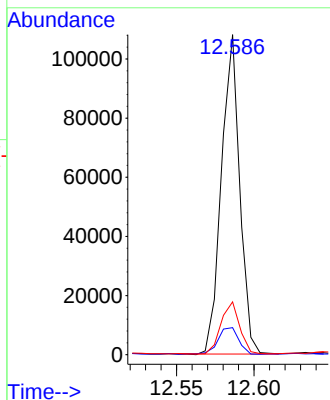
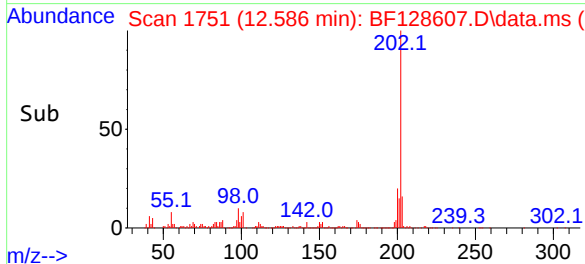
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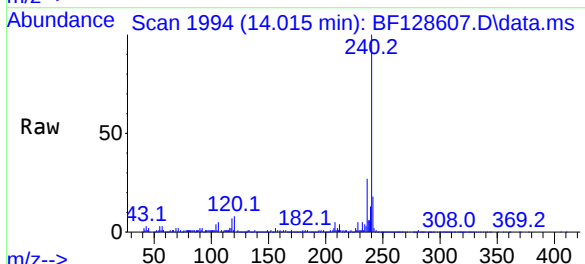
Tgt Ion:202 Resp: 8877
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.4
203 16.5 0.0 38.0

Manual Integrations
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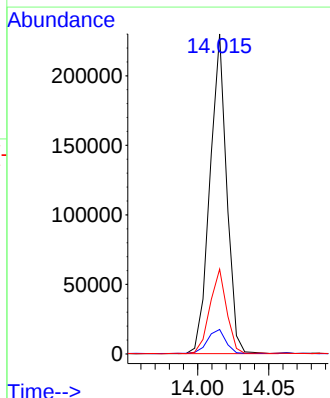
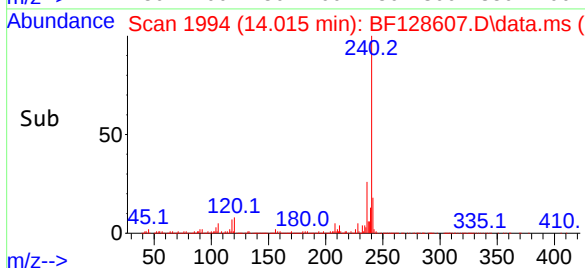
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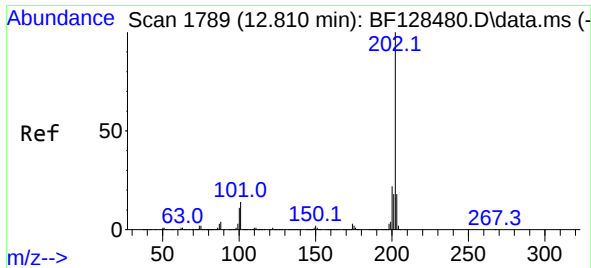


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



Tgt Ion:240 Resp: 188962
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 26.5 20.8 31.2





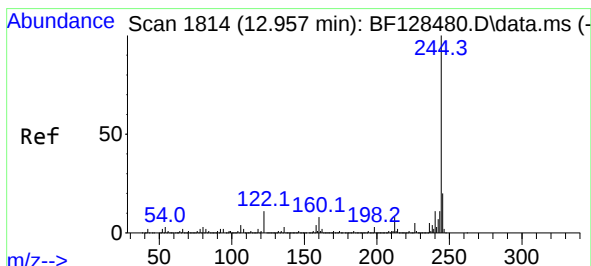
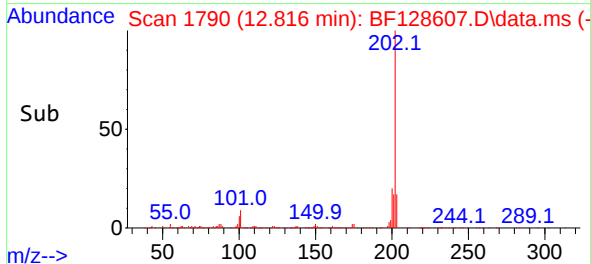
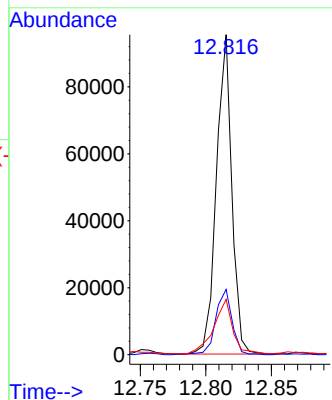
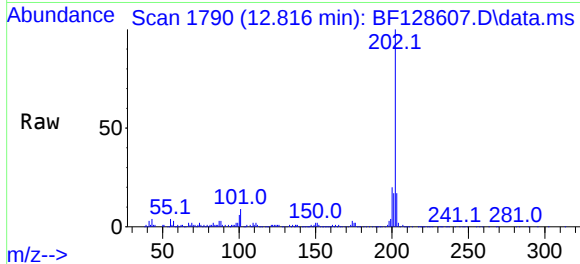
#78
Pyrene
Concen: 5.462 ng
RT: 12.816 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

Instrument :
BNA_F
ClientSampleId :
BB-10

Tgt Ion:202 Resp: 77759
Ion Ratio Lower Upper
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200 20.4 17.7 26.5
203 17.3 14.6 21.8

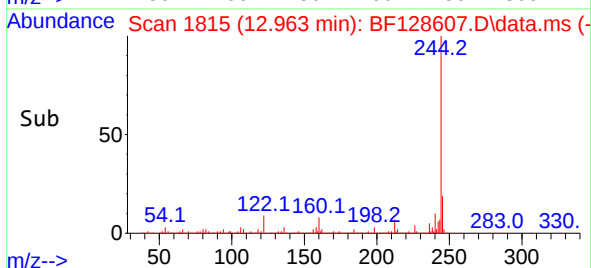
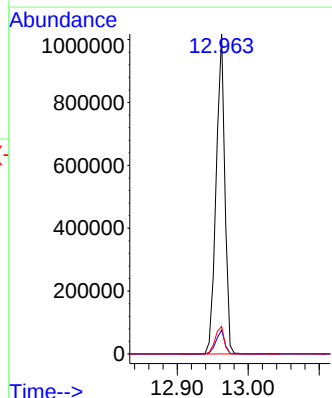
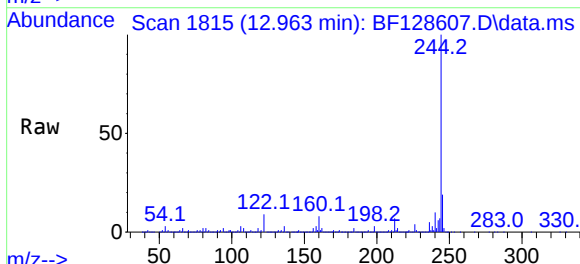
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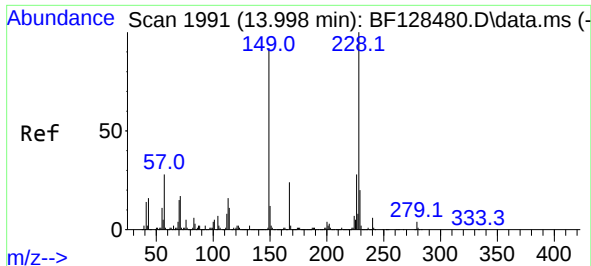
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#79
Terphenyl-d14
Concen: 88.463 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

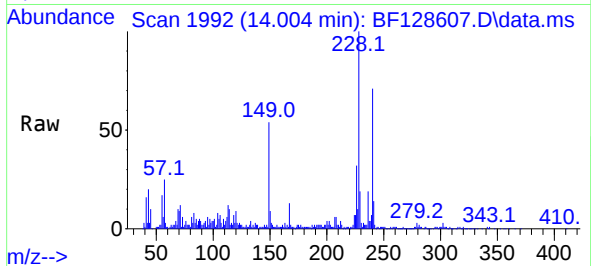
Tgt Ion:244 Resp: 865239
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 8.6 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 4.747 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

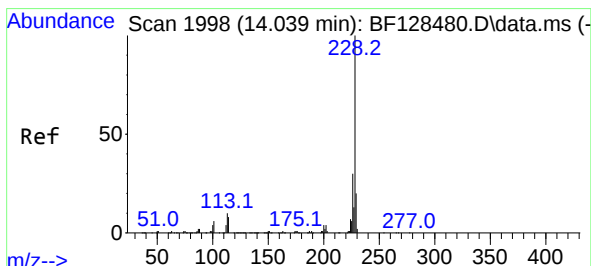
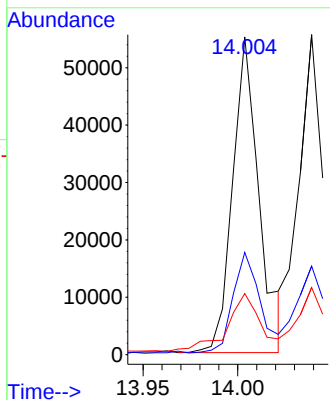
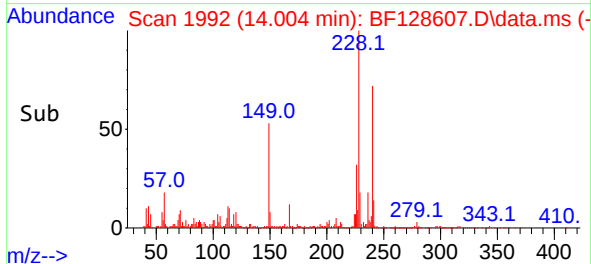
Instrument :
BNA_F
ClientSampleId :
BB-10



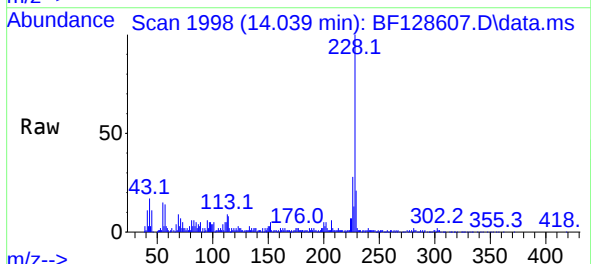
Tgt Ion:228 Resp: 53315
Ion Ratio Lower Upper
228 100
226 32.2 22.1 33.1
229 19.3 15.8 23.8

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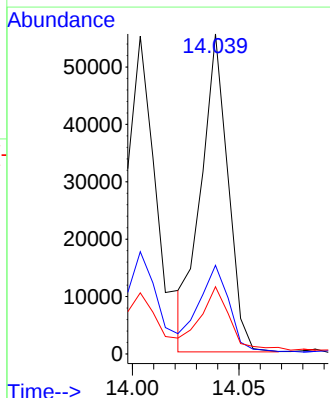
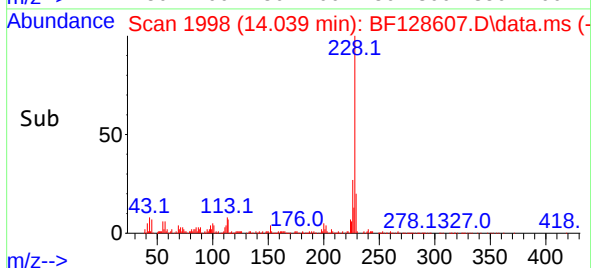
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

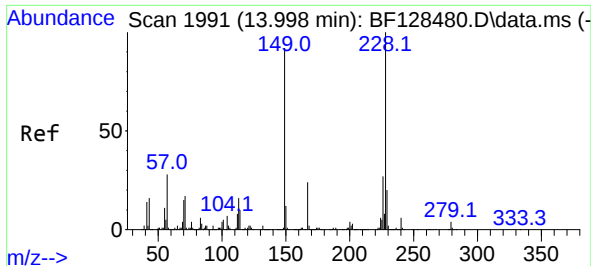


#83
Chrysene
Concen: 4.251 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



Tgt Ion:228 Resp: 48897
Ion Ratio Lower Upper
228 100
226 27.7 24.3 36.5
229 21.0 15.9 23.9





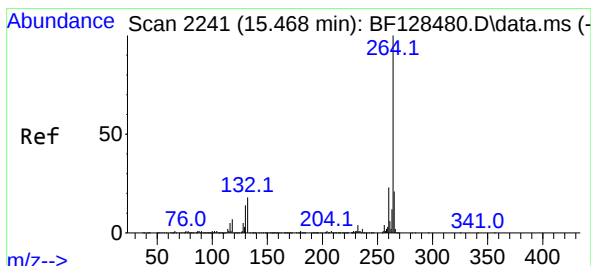
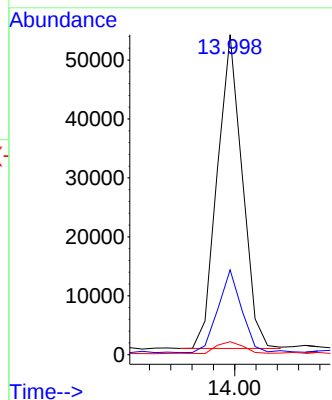
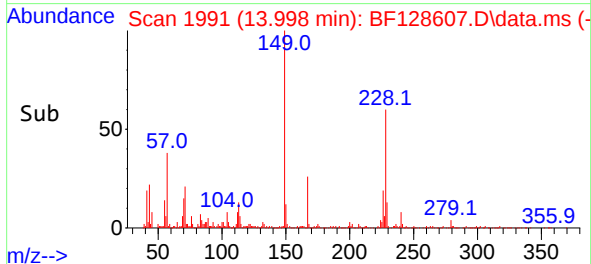
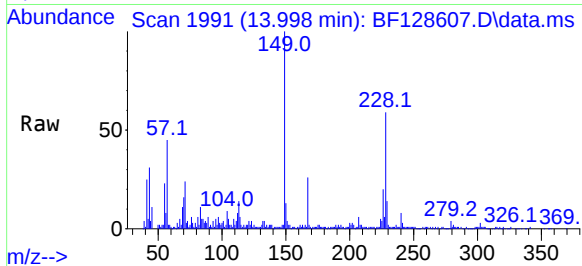
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.981 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

Instrument :
BNA_F
ClientSampleId :
BB-10

Tgt Ion:149 Resp: 4343
Ion Ratio Lower Upper
149 100
167 26.5 21.0 31.4
279 4.1 3.1 4.7

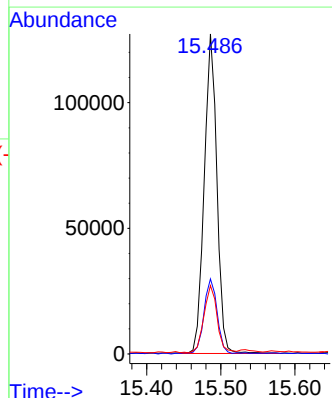
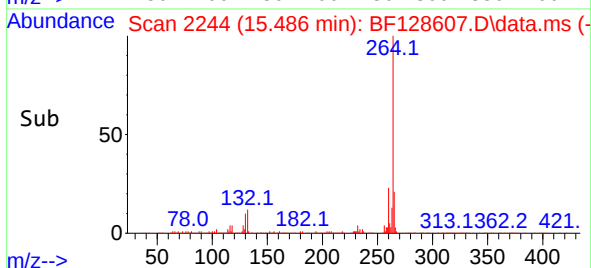
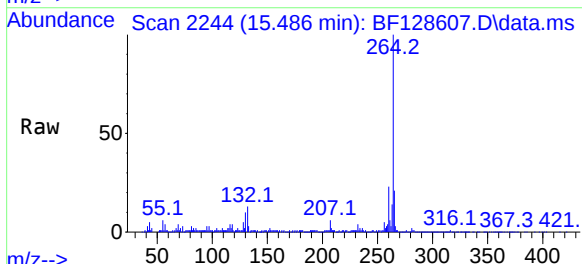
Manual Integrations
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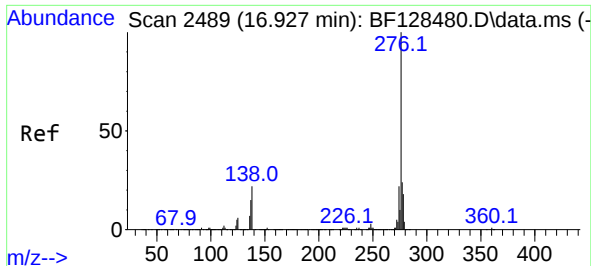
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. 0.018 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

Tgt Ion:264 Resp: 151213
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.3 17.2 25.8





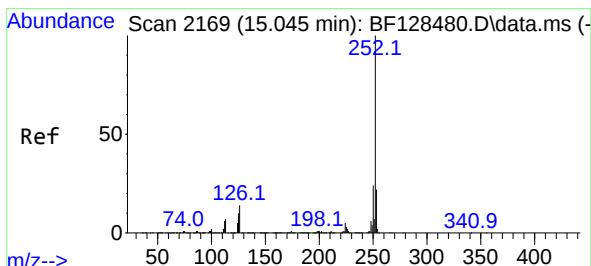
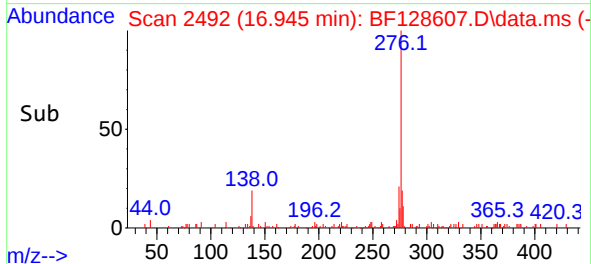
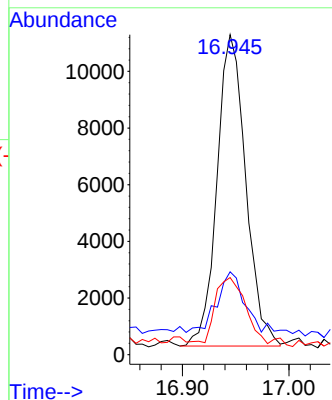
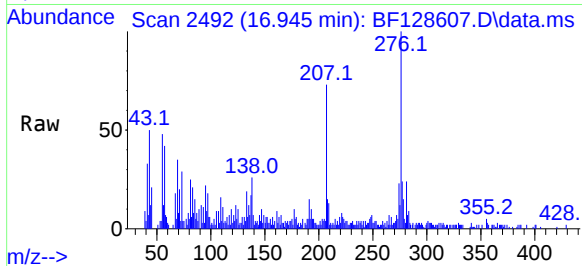
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.313 ng
RT: 16.945 min Scan# 2489
Delta R.T. 0.018 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

Instrument :
BNA_F
ClientSampleId :
BB-10

Tgt Ion:	276	Resp:	20629
Ion Ratio	Lower	Upper	
276	100		
138	22.4	21.1	31.7
277	22.0	20.3	30.5

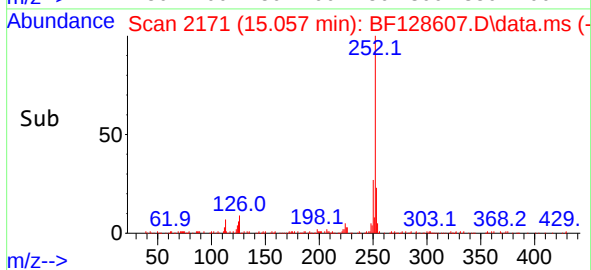
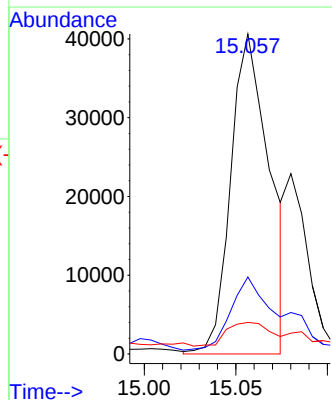
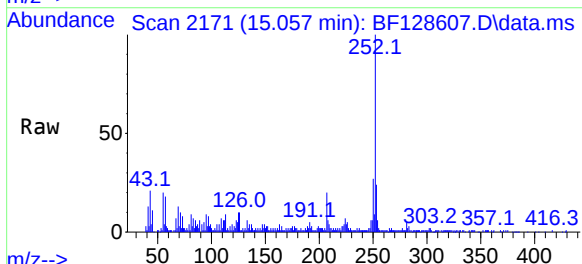
Manual Integrations
APPROVED

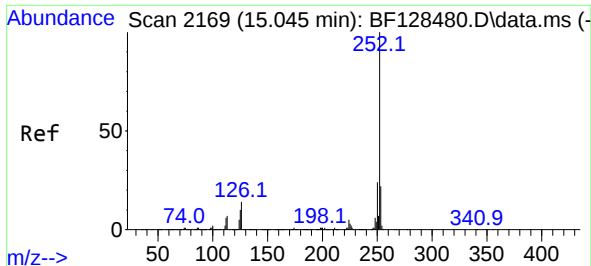
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#88
Benzo(b)fluoranthene
Concen: 6.348 ng m
RT: 15.057 min Scan# 2171
Delta R.T. 0.012 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

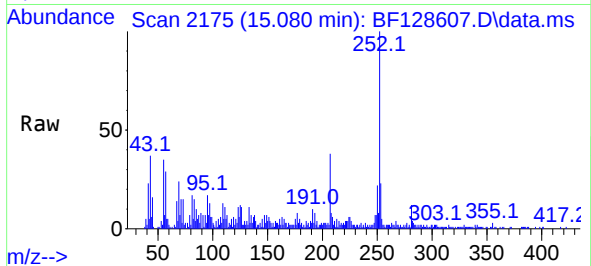
Tgt Ion:	252	Resp:	59713
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.7	26.5
125	9.8	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 2.177 ng m
RT: 15.080 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

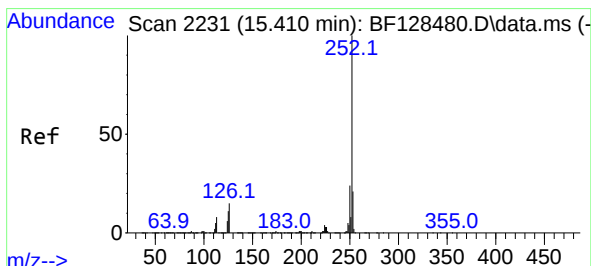
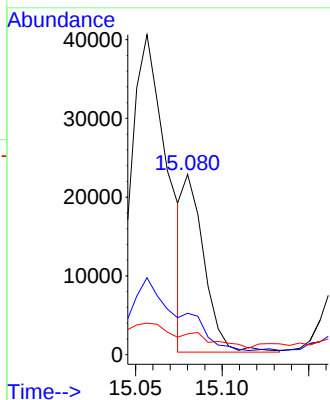
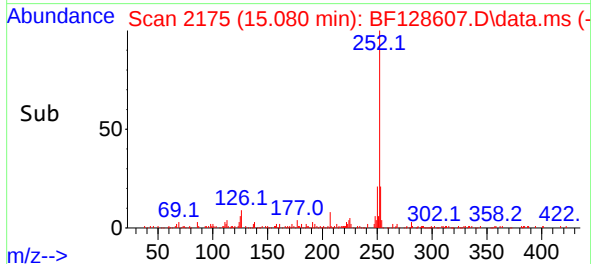
Instrument :
BNA_F
ClientSampleId :
BB-10



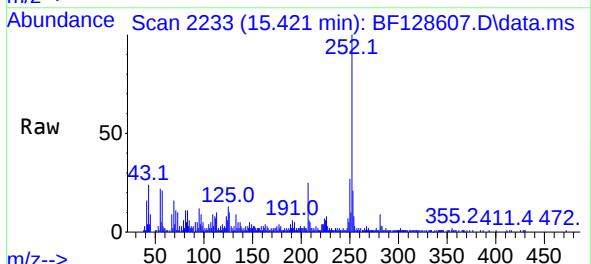
Tgt Ion:252 Resp: 18974
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 11.6 8.3 12.5

Manual Integrations
APPROVED

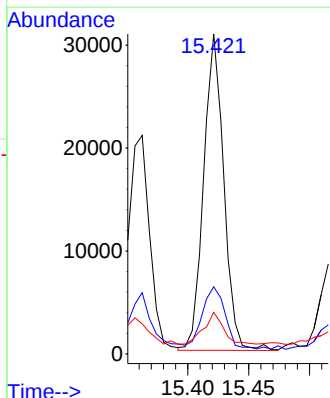
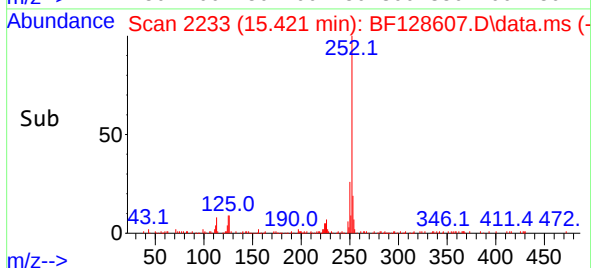
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

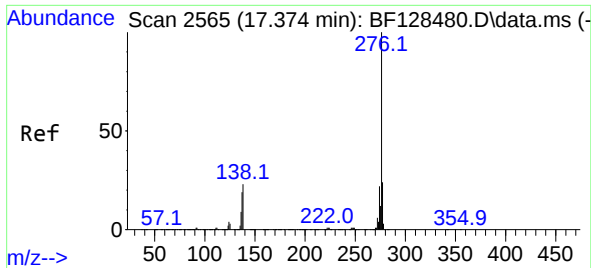


#90
Benzo(a)pyrene
Concen: 4.681 ng
RT: 15.421 min Scan# 2233
Delta R.T. 0.012 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32



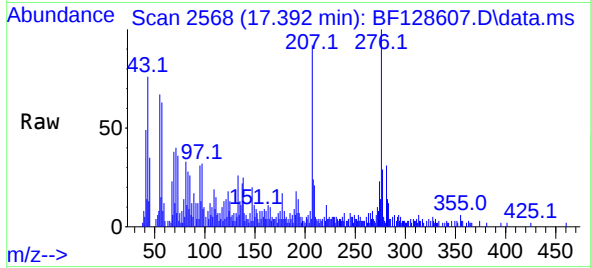
Tgt Ion:252 Resp: 35325
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 13.0 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 2.361 ng
RT: 17.392 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF128607.D
Acq: 31 May 2022 21:32

Instrument :
BNA_F
ClientSampleId :
BB-10



Tgt Ion: 276 Resp: 17318

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.1	28.7
138	25.1	18.0	27.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 06/01/2022
Supervised By : Jagrut Upadhyay 06/01/2022

