

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128611.D
 Acq On : 31 May 2022 23:35
 Operator : CG\JU
 Sample : N3057-01DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-1193DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 01 00:59:37 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	110984	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	388252	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	173699	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	257137	20.000	ng	# 0.01
76) Chrysene-d12	14.021	240	206242	20.000	ng	# 0.01
86) Perylene-d12	15.492	264	163550	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	339397	50.654	ng	0.06
7) Phenol-d6	6.539	99	408903	47.864	ng	0.07
23) Nitrobenzene-d5	7.404	82	285453	42.414	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	85805	51.899	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	482846	45.162	ng	0.00
79) Terphenyl-d14	12.968	244	387899	36.336	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	86304	7.085	ng	# 93
75) Fluoranthene	12.598	202	138447	10.631	ng	97
78) Pyrene	12.827	202	120164	7.734	ng	97
81) Benzo(a)anthracene	14.009	228	62624	5.109	ng	94
83) Chrysene	14.045	228	61452	4.895	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	352469	44.467	ng	99
87) Indeno(1,2,3-cd)pyrene	16.950	276	23893	2.477	ng	# 89
88) Benzo(b)fluoranthene	15.062	252	67415m	6.626	ng	
89) Benzo(k)fluoranthene	15.086	252	19502m	2.069	ng	
90) Benzo(a)pyrene	15.427	252	41080	5.033	ng	97
92) Benzo(g,h,i)perylene	17.397	276	22731	2.865	ng	# 88

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

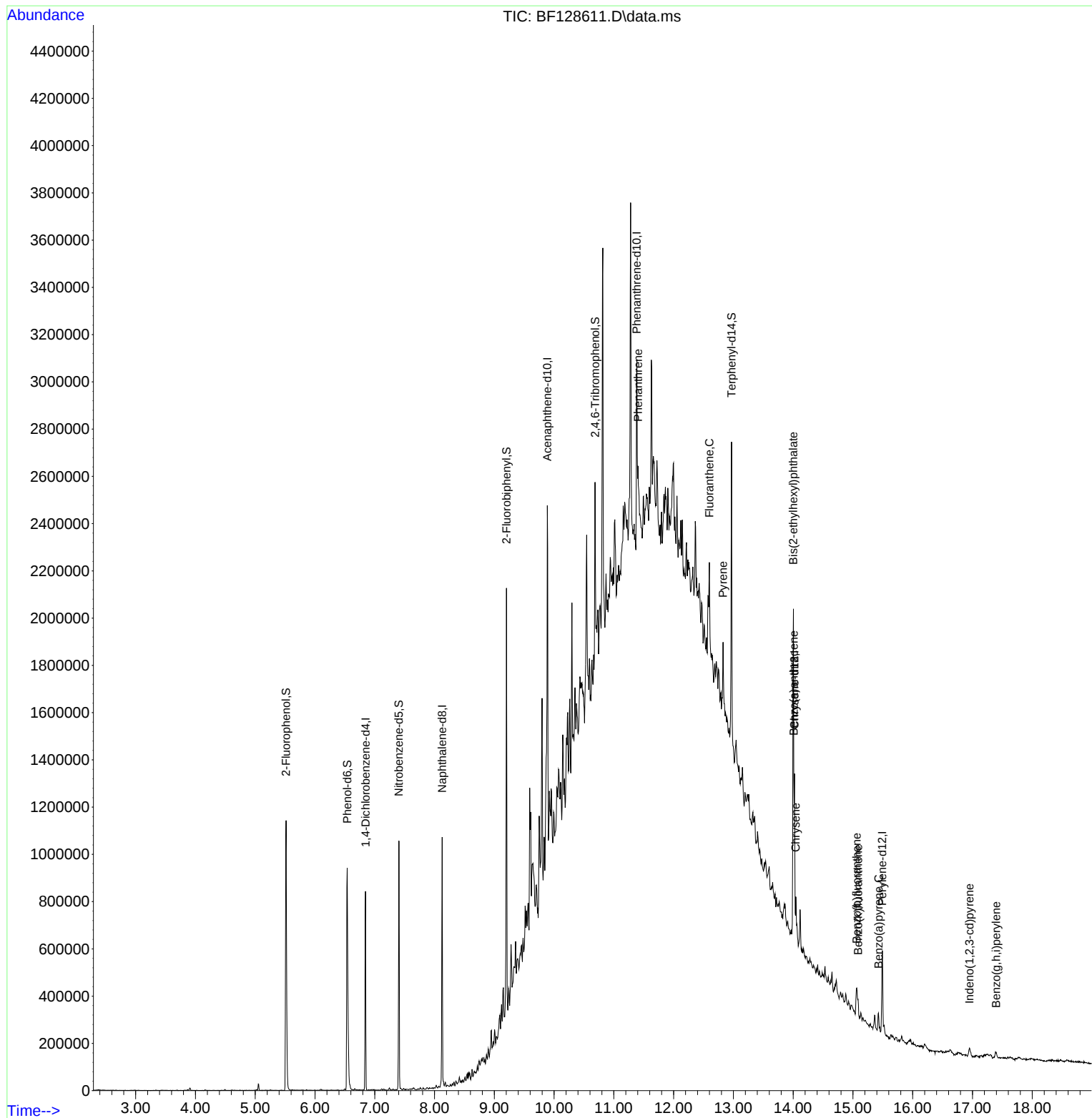
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128611.D
Acq On : 31 May 2022 23:35
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ALS Vial : 20 Sample Multiplier: 1

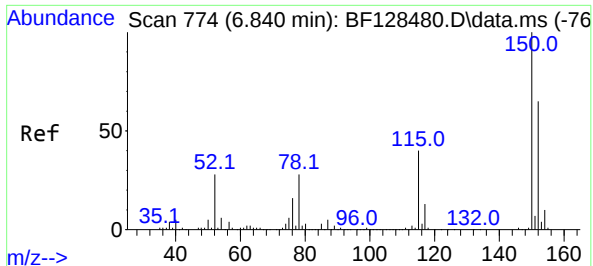
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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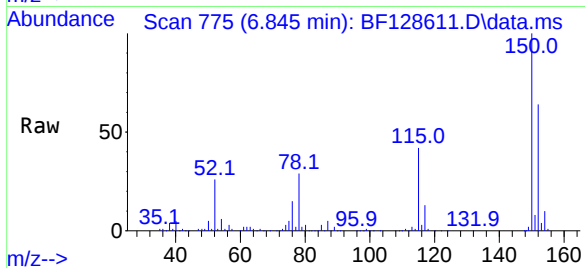
Reviewed By : Christian Giraldo 06/01/2022
Supervised By : Jagrut Upadhyay 06/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

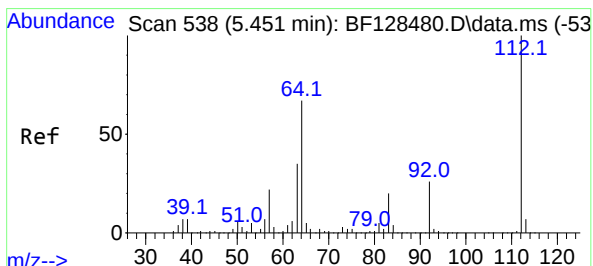
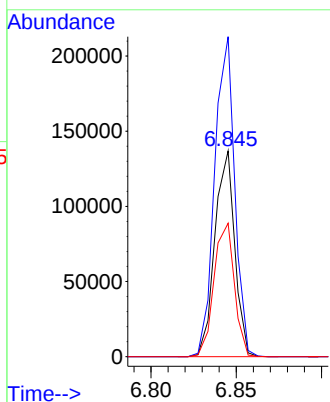
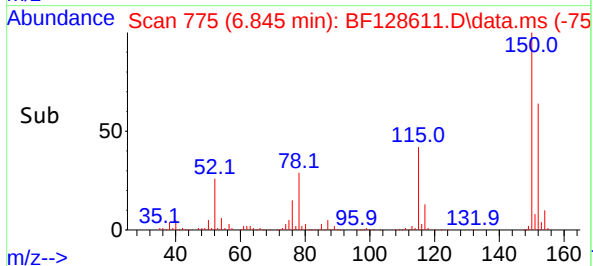
Instrument :
BNA_F
ClientSampleId :
72-1193DL



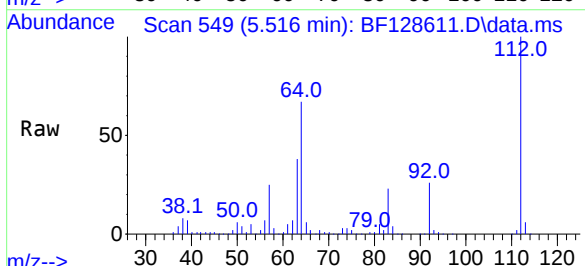
Tgt Ion:152 Resp: 110984
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 64.8 49.9 74.9

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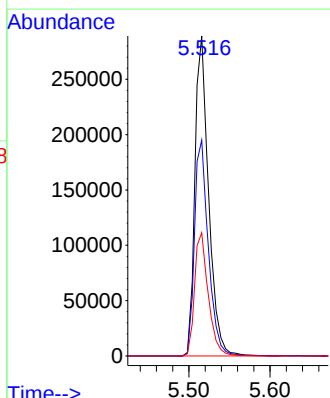
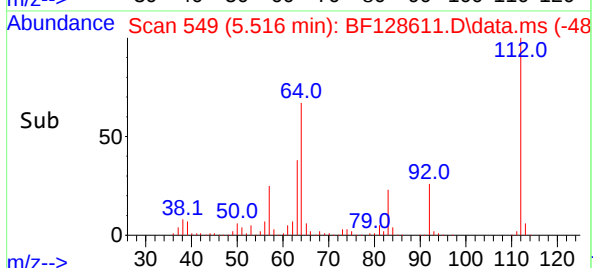
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

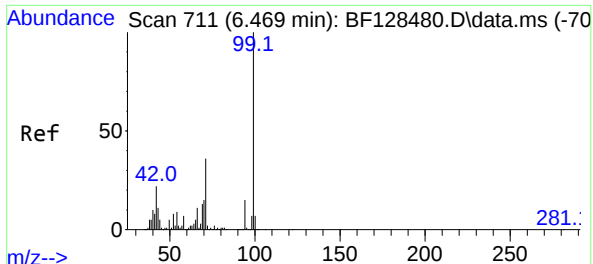


#5
2-Fluorophenol
Concen: 50.654 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.064 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



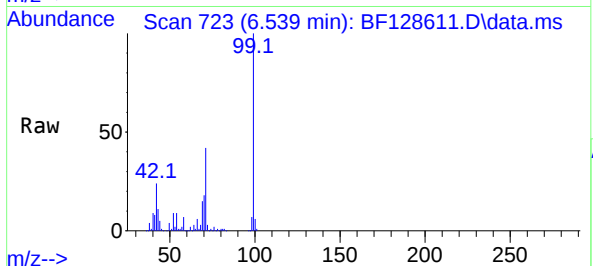
Tgt Ion:112 Resp: 339397
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 38.5 28.0 42.0





#7
Phenol-d6
Concen: 47.864 ng
RT: 6.539 min Scan# 711
Delta R.T. 0.070 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

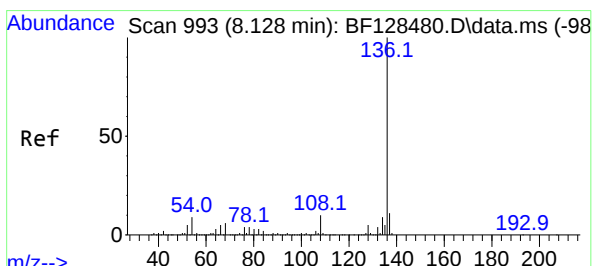
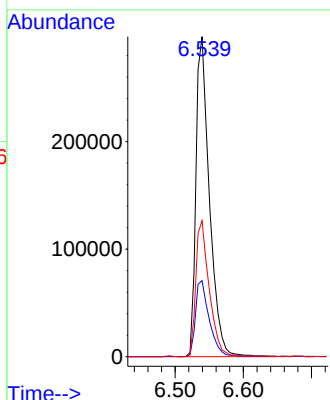
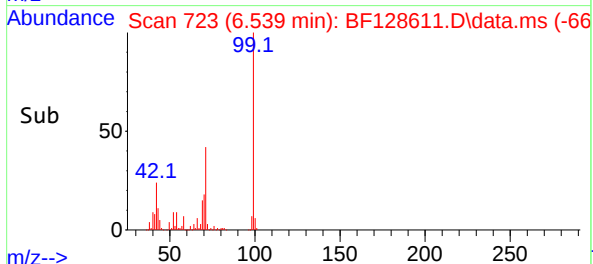
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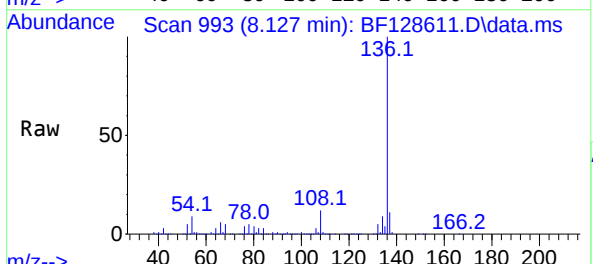
Tgt Ion: 99 Resp: 408900
Ion Ratio Lower Upper
99 100
42 23.7 17.3 25.9
71 42.5 28.9 43.3

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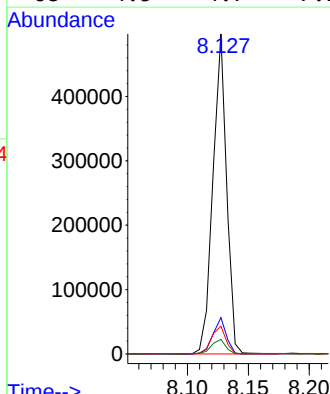
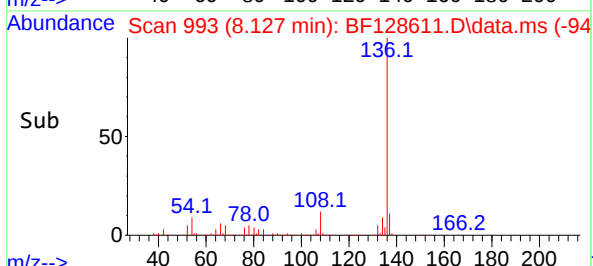
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

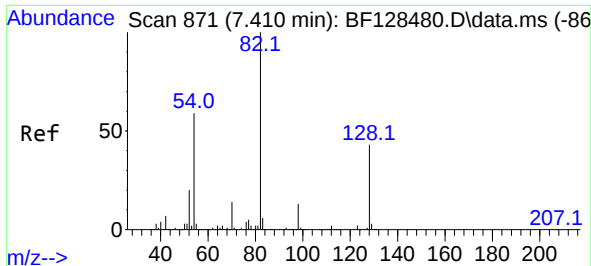


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



Tgt Ion:136 Resp: 388252
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.7 7.5 11.3
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 42.414 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128611.D

Acq: 31 May 2022 23:35

Instrument :

BNA_F

ClientSampleId :

72-1193DL

Tgt Ion: 82 Resp: 28545

Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

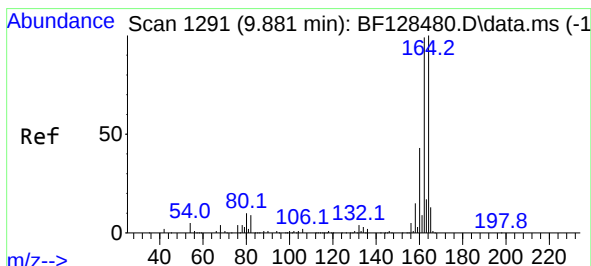
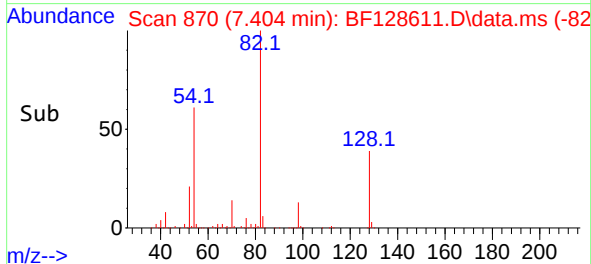
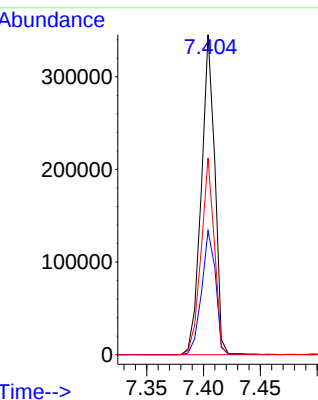
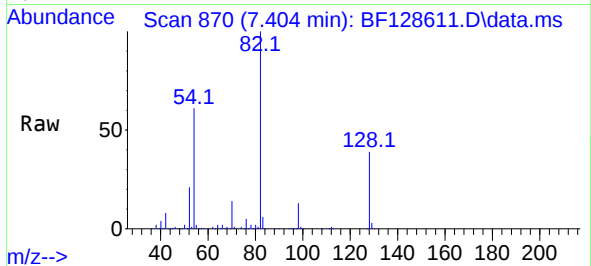
54 61.4 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.005 min

Lab File: BF128611.D

Acq: 31 May 2022 23:35

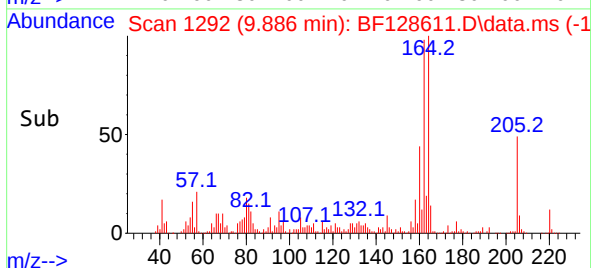
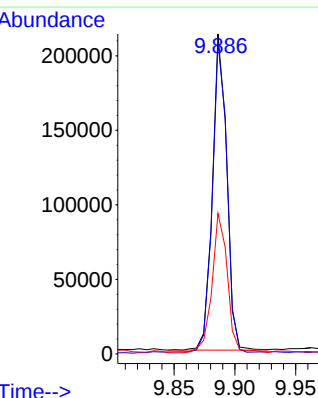
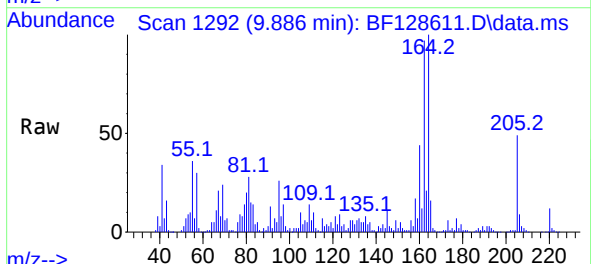
Tgt Ion:164 Resp: 173699

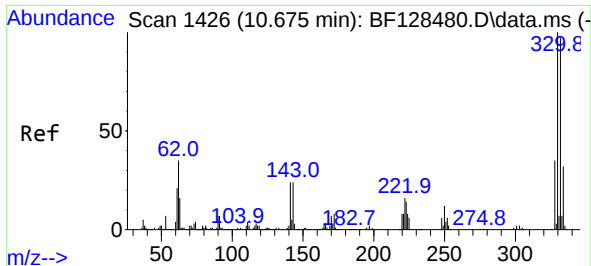
Ion Ratio Lower Upper

164 100

162 97.3 79.5 119.3

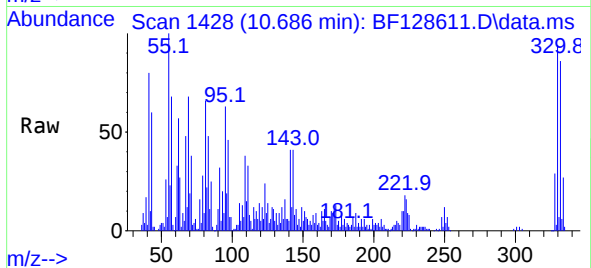
160 43.9 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 51.899 ng
RT: 10.686 min Scan# 1426
Delta R.T. 0.011 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

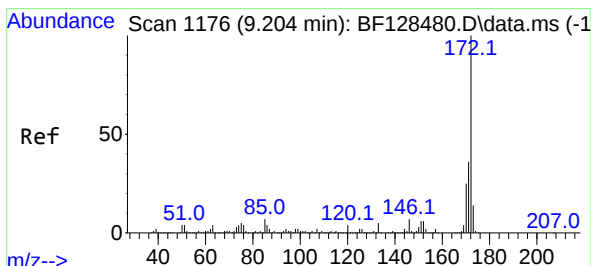
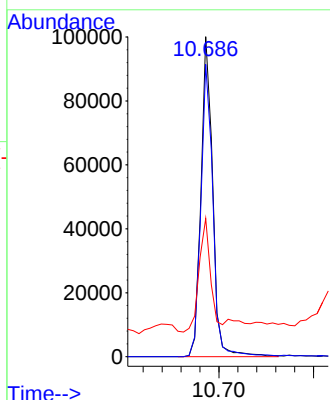
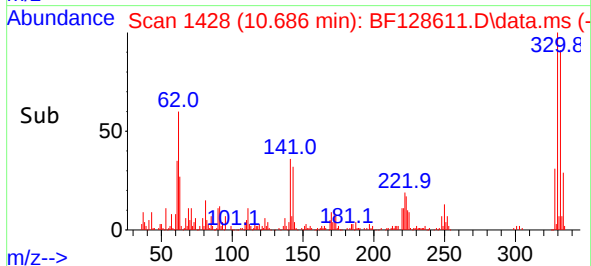
Instrument :
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ClientSampleId :
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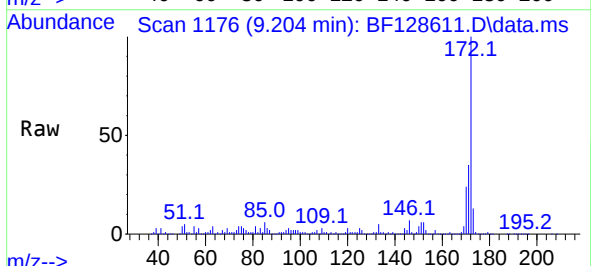
Tgt Ion: 330 Resp: 8580
Ion Ratio Lower Upper
330 100
332 94.0 76.8 115.2
141 35.1 28.0 42.0

Manual Integrations
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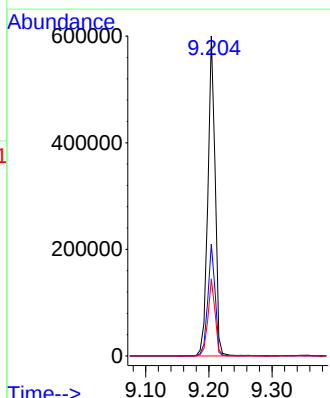
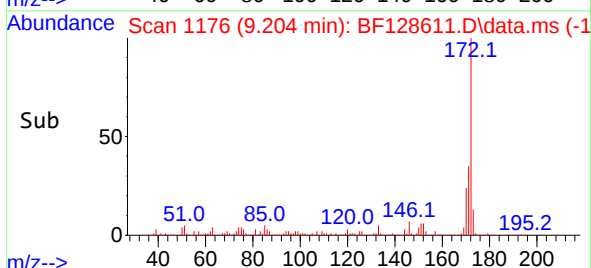
Reviewed By : Christian Giraldo 06/01/2022
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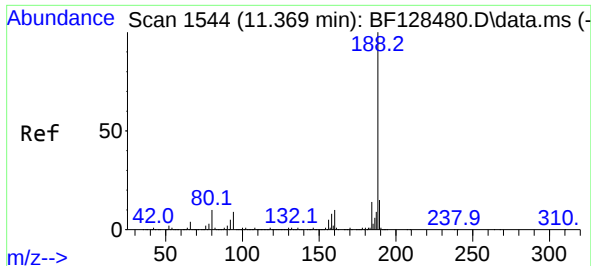


#45
2-Fluorobiphenyl
Concen: 45.162 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



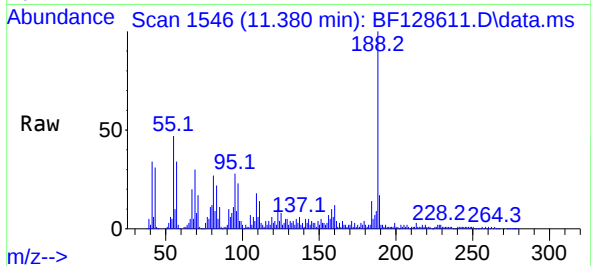
Tgt Ion: 172 Resp: 482846
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 24.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

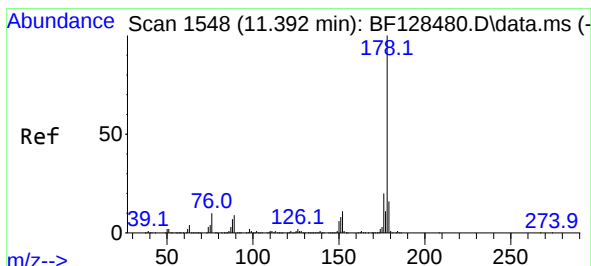
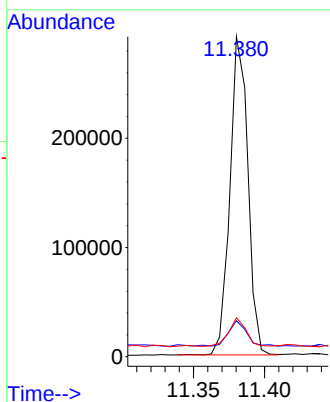
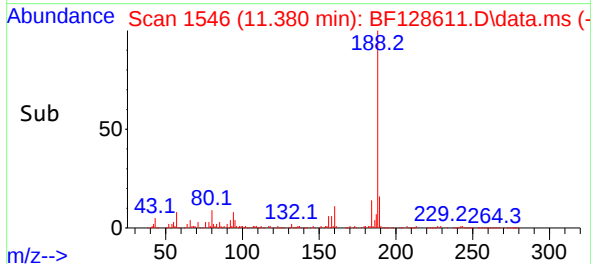
Instrument :
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72-1193DL



Tgt Ion:188 Resp: 25713
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6
80 12.2 7.6 11.4

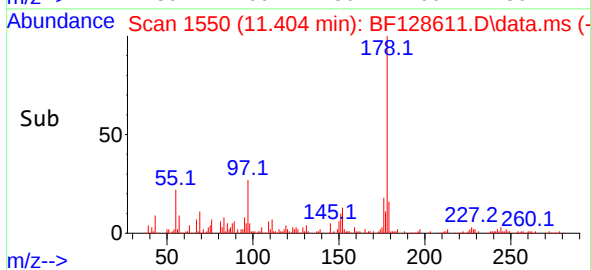
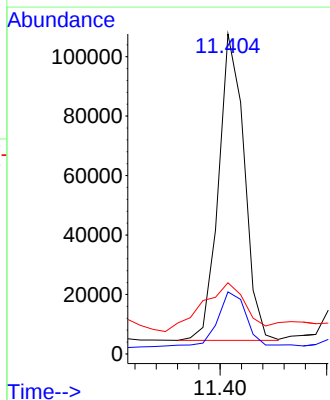
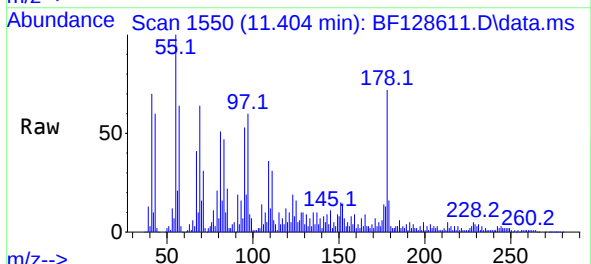
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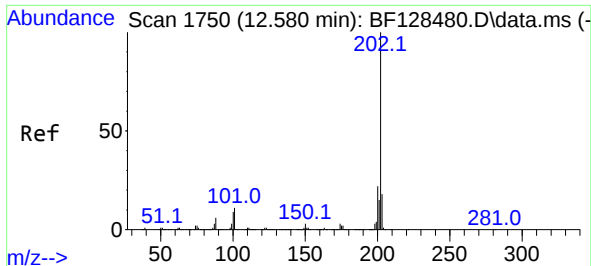
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#71
Phenanthrene
Concen: 7.085 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.011 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

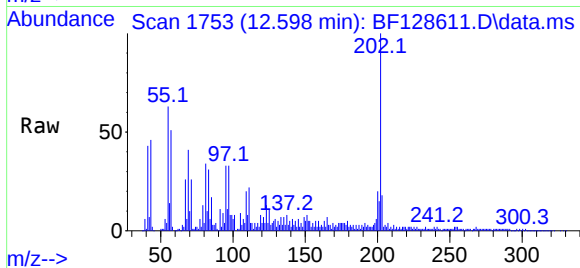
Tgt Ion:178 Resp: 86304
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 22.2 12.6 19.0





#75
Fluoranthene
Concen: 10.631 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

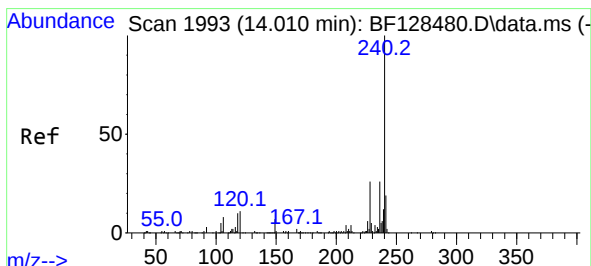
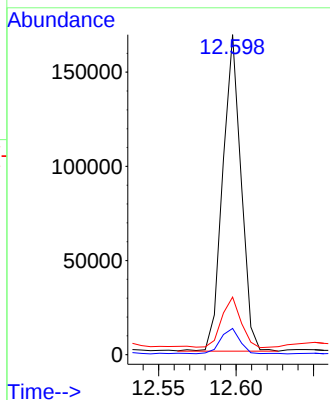
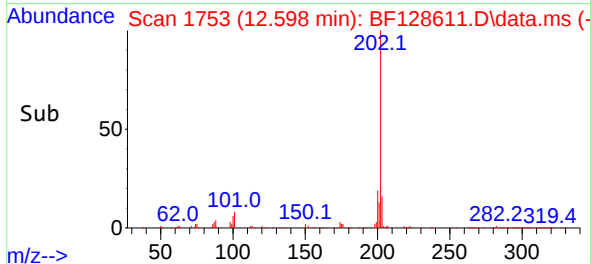
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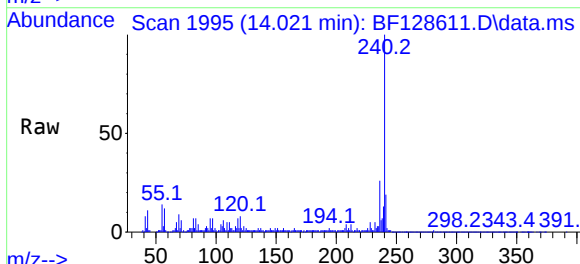
Tgt Ion:202 Resp: 13844
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.4
203 18.0 0.0 38.0

Manual Integrations
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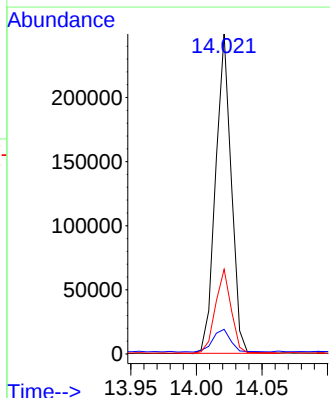
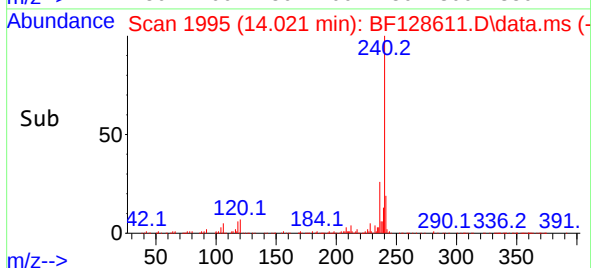
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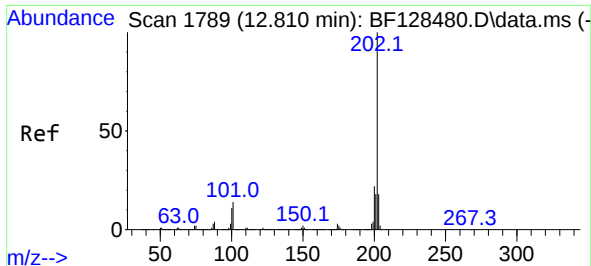


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.011 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



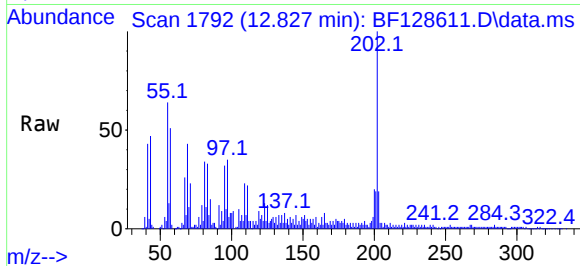
Tgt Ion:240 Resp: 206242
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 26.5 20.8 31.2





#78
Pyrene
Concen: 7.734 ng
RT: 12.827 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

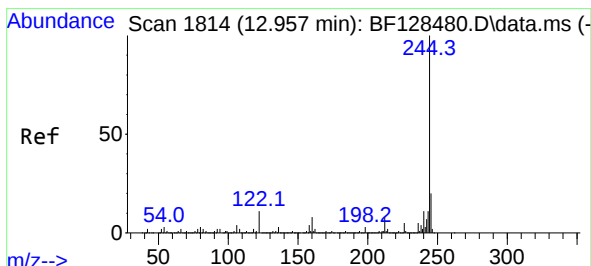
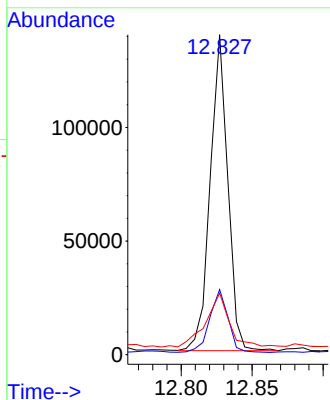
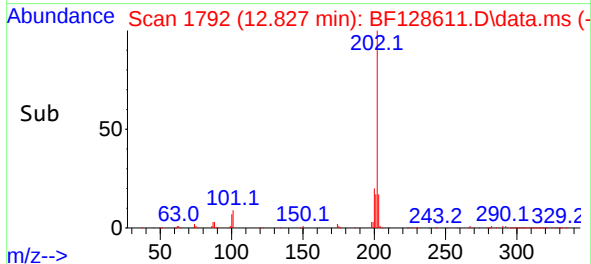
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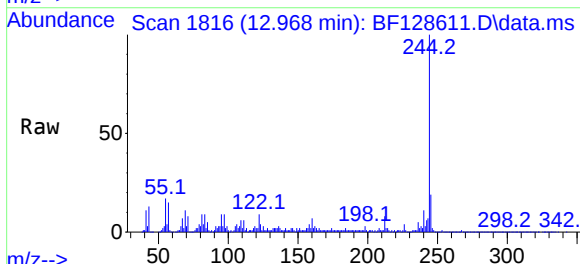
Tgt Ion:202 Resp: 120164
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 19.2 14.6 21.8

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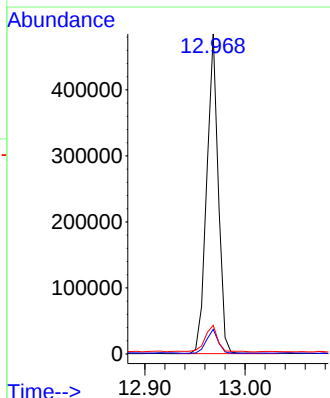
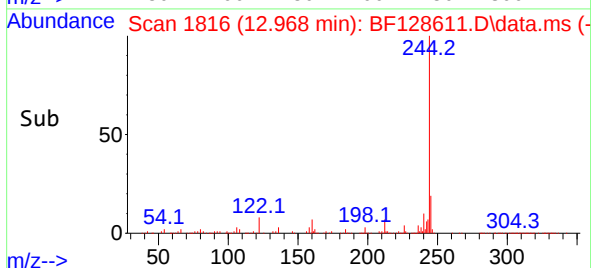
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

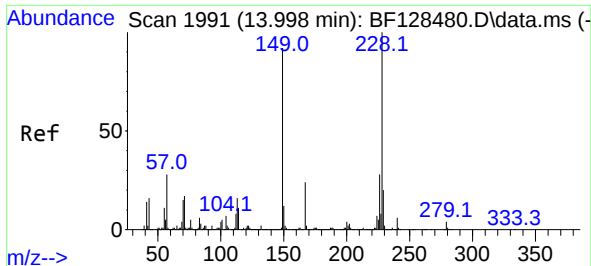


#79
Terphenyl-d14
Concen: 36.336 ng
RT: 12.968 min Scan# 1816
Delta R.T. 0.011 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



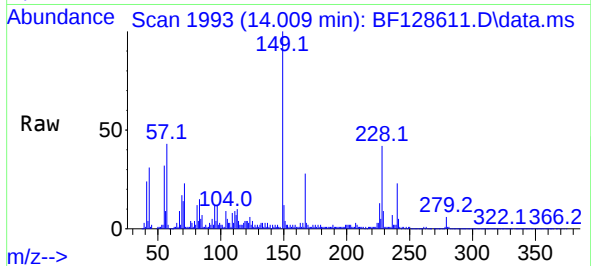
Tgt Ion:244 Resp: 387899
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 8.9 8.8 13.2





#81
Benzo(a)anthracene
Concen: 5.109 ng
RT: 14.009 min Scan# 1993
Delta R.T. 0.011 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

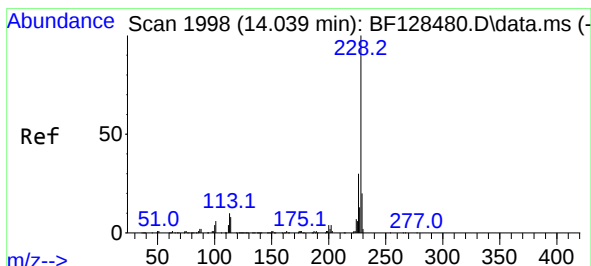
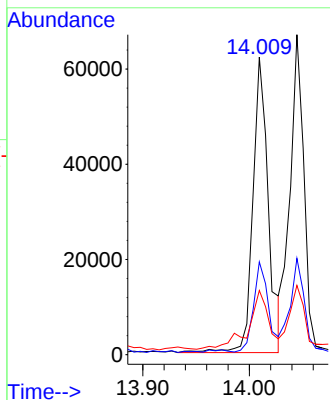
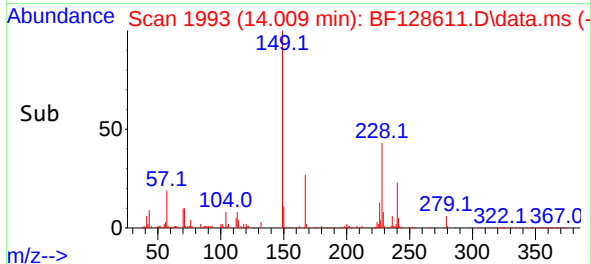
Instrument :
BNA_F
ClientSampleId :
72-1193DL



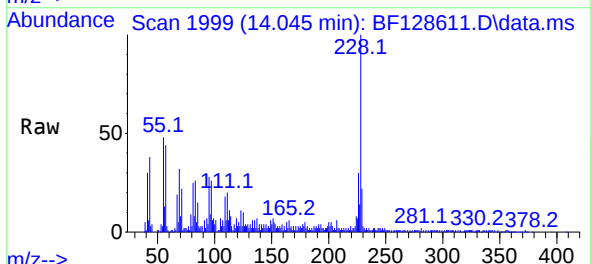
Tgt Ion:228 Resp: 62624
Ion Ratio Lower Upper
228 100
226 31.2 22.1 33.1
229 21.6 15.8 23.8

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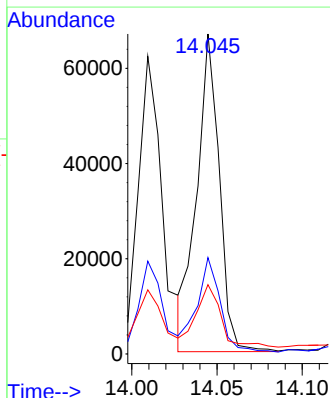
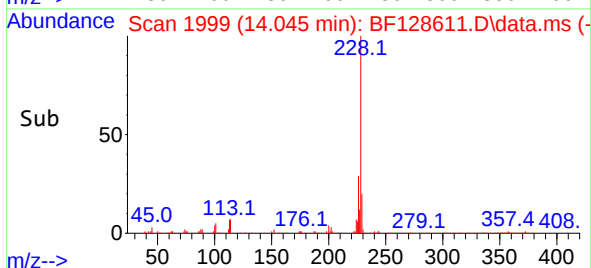
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

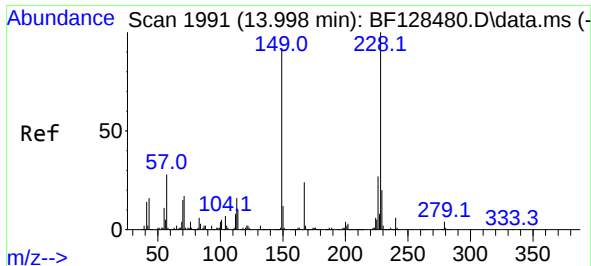


#83
Chrysene
Concen: 4.895 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



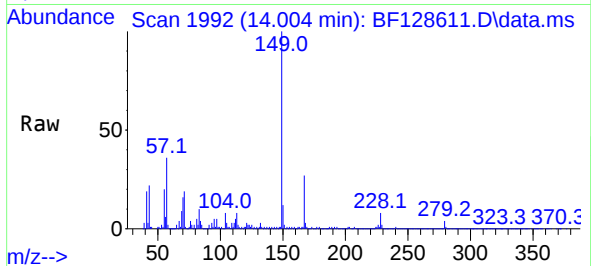
Tgt Ion:228 Resp: 61452
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.7 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 44.467 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

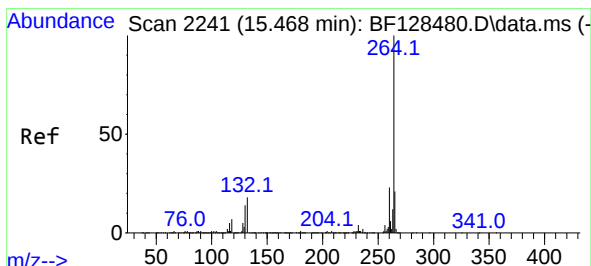
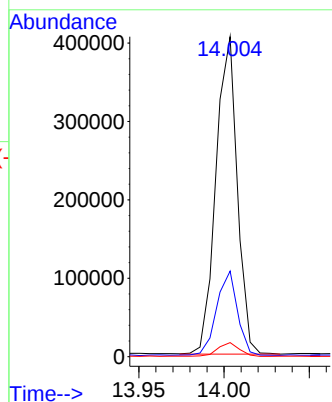
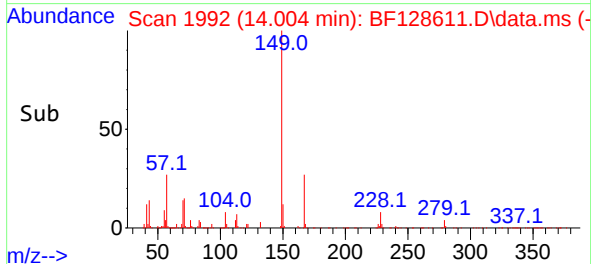
Instrument :
BNA_F
ClientSampleId :
72-1193DL



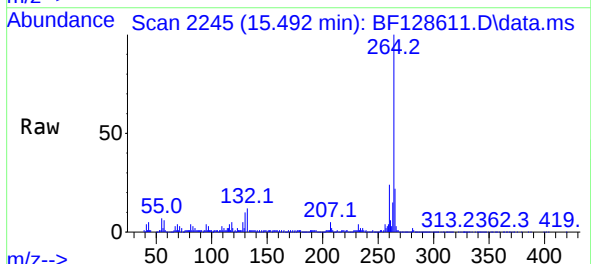
Tgt Ion:149 Resp: 352469
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 4.4 3.1 4.7

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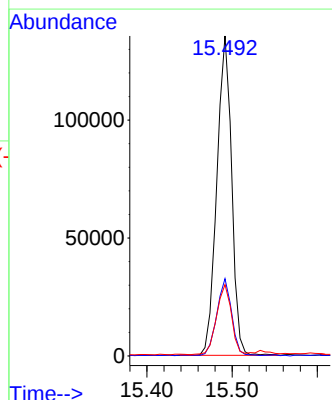
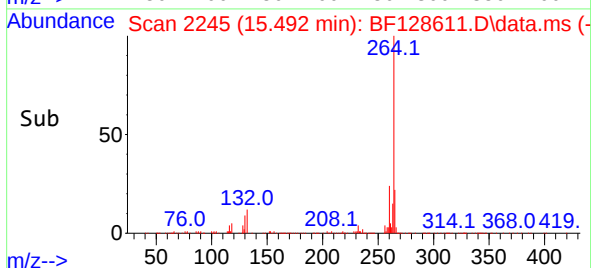
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

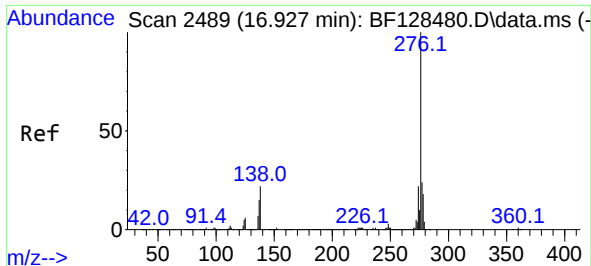


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.023 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



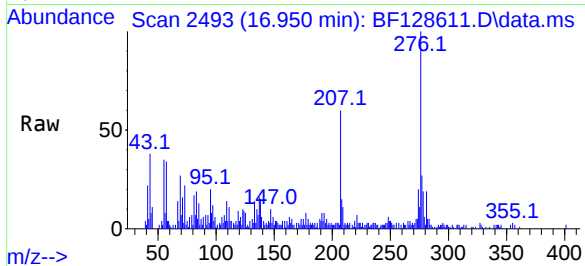
Tgt Ion:264 Resp: 163550
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 22.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.477 ng
RT: 16.950 min Scan# 2489
Delta R.T. 0.023 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

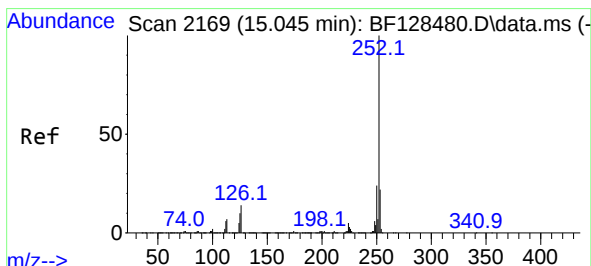
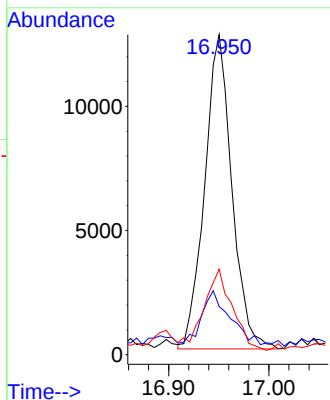
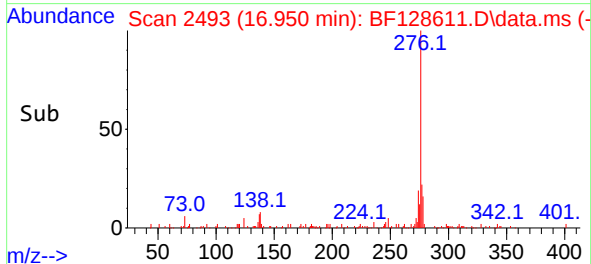
Instrument :
BNA_F
ClientSampleId :
72-1193DL



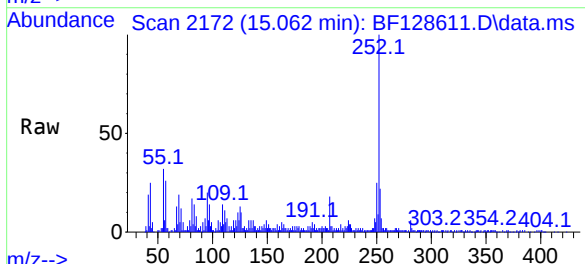
Tgt Ion:276 Resp: 2389
Ion Ratio Lower Upper
276 100
138 16.6 21.1 31.7
277 27.1 20.3 30.5

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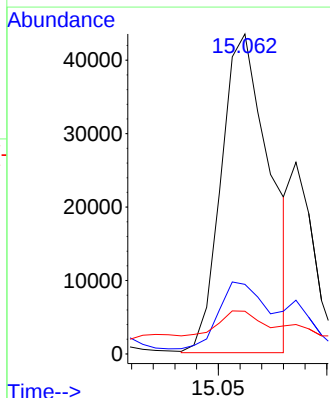
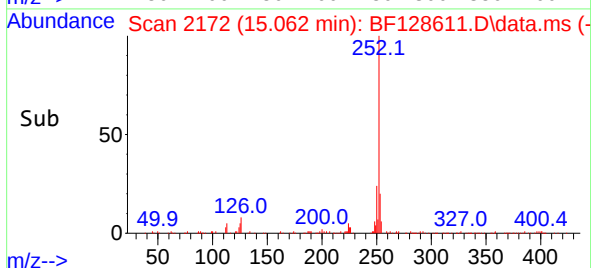
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

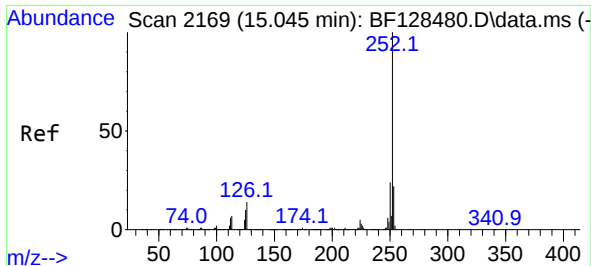


#88
Benzo(b)fluoranthene
Concen: 6.626 ng m
RT: 15.062 min Scan# 2172
Delta R.T. 0.017 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35



Tgt Ion:252 Resp: 67415
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 13.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 2.069 ng m

RT: 15.086 min Scan# 2169

Delta R.T. 0.011 min

Lab File: BF128611.D

Acq: 31 May 2022 23:35

Instrument :

BNA_F

ClientSampleId :

72-1193DL

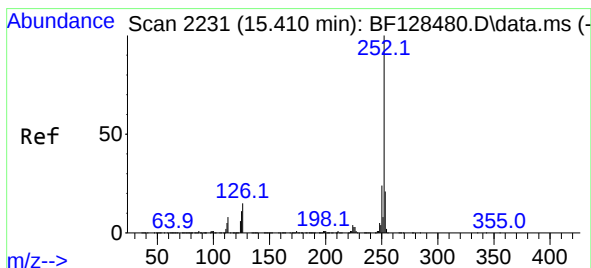
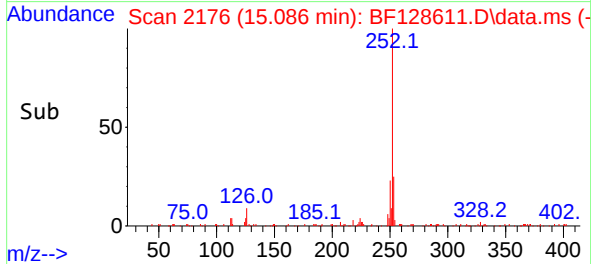
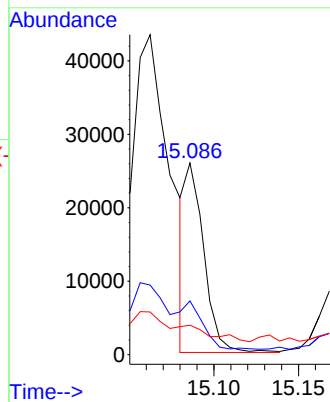
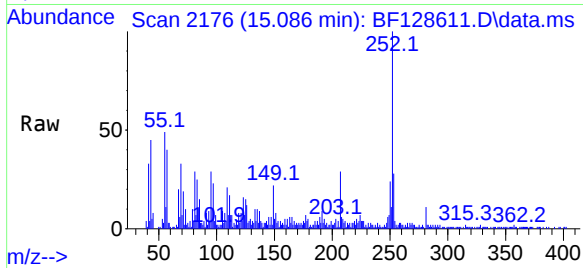
Tgt Ion:252 Resp: 1950

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.6
125	15.3	8.3	12.5

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 5.033 ng

RT: 15.427 min Scan# 2234

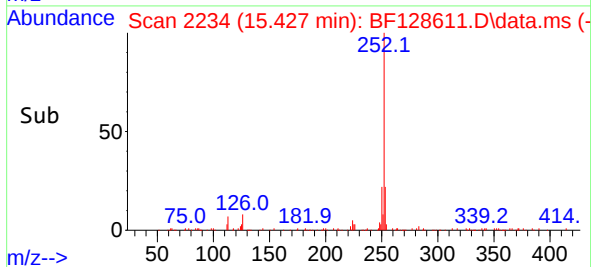
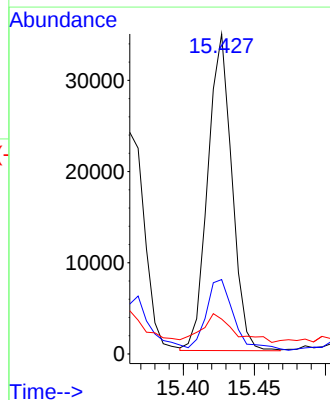
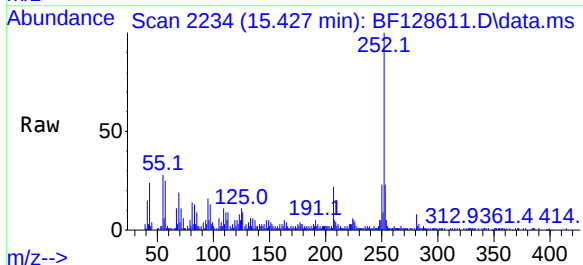
Delta R.T. 0.017 min

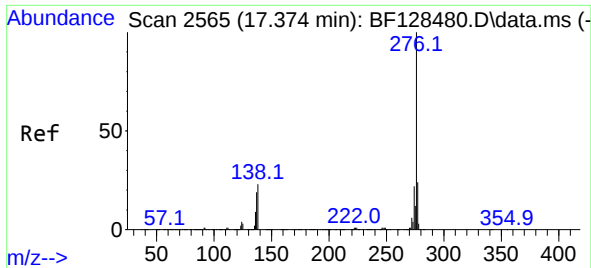
Lab File: BF128611.D

Acq: 31 May 2022 23:35

Tgt Ion:252 Resp: 41080

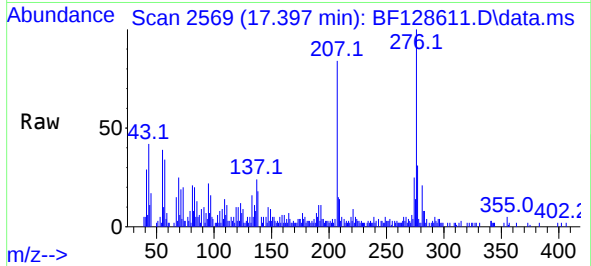
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	10.9	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 2.865 ng
RT: 17.397 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF128611.D
Acq: 31 May 2022 23:35

Instrument :
BNA_F
ClientSampleId :
72-1193DL



Tgt Ion: 276 Resp: 2273

Ion	Ratio	Lower	Upper
276	100		
277	30.8	19.1	28.7
138	17.8	18.0	27.0

Manual Integrations
APPROVED

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

