

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128602.D
 Acq On : 31 May 2022 18:56
 Operator : CG\JU
 Sample : N3109-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-11

Manual Integrations
 APPROVED

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

Quant Time: Jun 01 00:58:20 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	101764	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	366876	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	181598	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	293958	20.000	ng	0.00
76) Chrysene-d12	14.016	240	210048	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	172607	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	590691	96.146	ng	0.05
7) Phenol-d6	6.522	99	707704	90.345	ng	0.05
23) Nitrobenzene-d5	7.410	82	518865	81.587	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	170354	98.556	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	786940	70.403	ng	0.00
79) Terphenyl-d14	12.963	244	673527	61.949	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	10091	3.684	ng	# 83
71) Phenanthrene	11.392	178	56481	4.056	ng	98
75) Fluoranthene	12.586	202	69437	4.664	ng	95
78) Pyrene	12.816	202	62006	3.918	ng	96
81) Benzo(a)anthracene	14.004	228	26295	2.106	ng	# 93
83) Chrysene	14.039	228	31136	2.435	ng	96
88) Benzo(b)fluoranthene	15.057	252	35658m	3.321	ng	
90) Benzo(a)pyrene	15.421	252	19365	2.248	ng	# 85

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

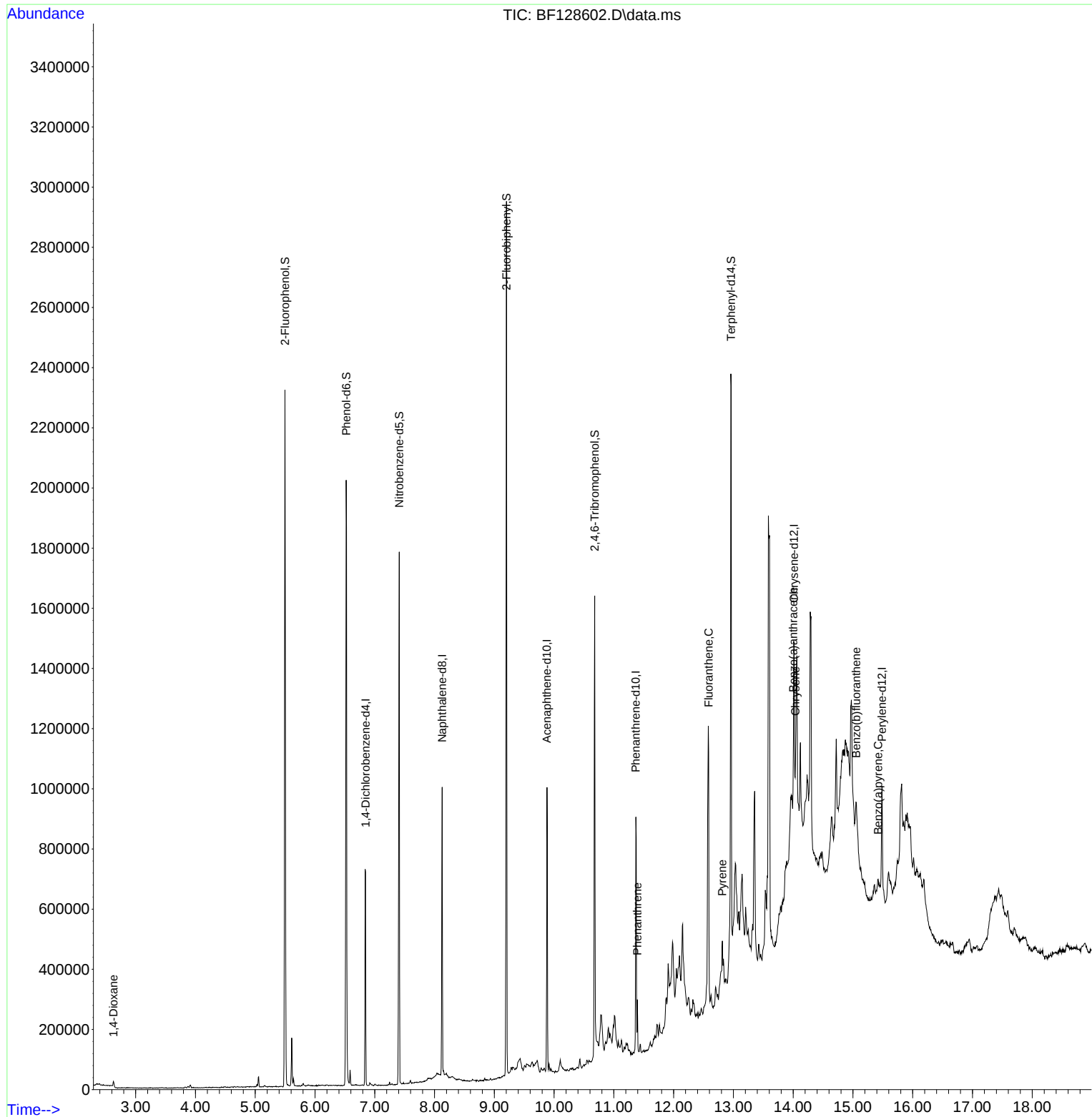
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128602.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

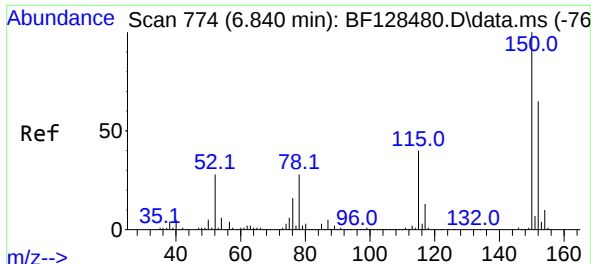
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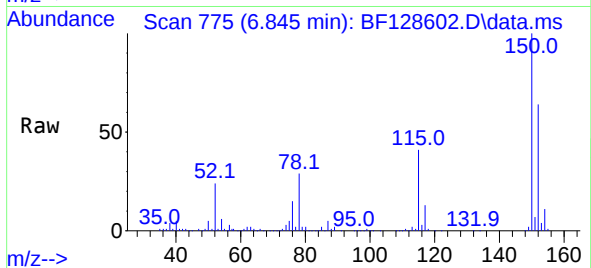
Quant Time: Jun 01 00:58:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

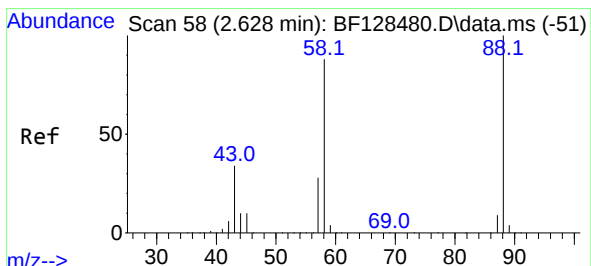
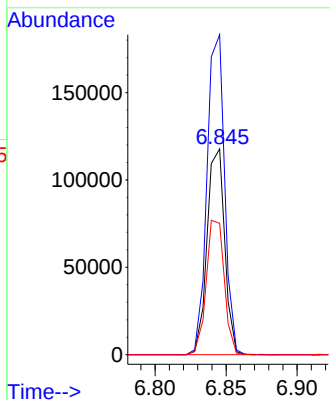
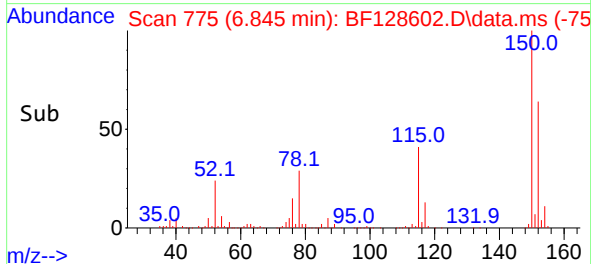
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BB-11



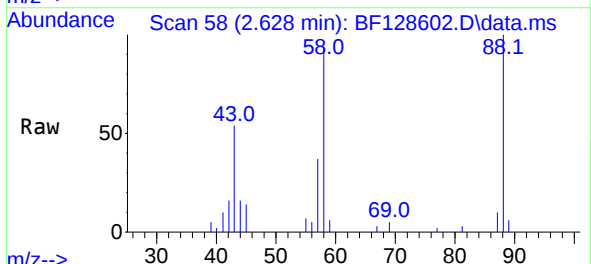
Tgt Ion:152 Resp: 101764
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 63.9 49.9 74.9

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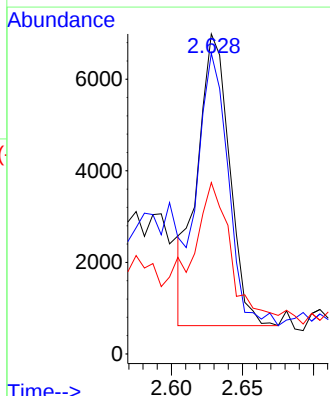
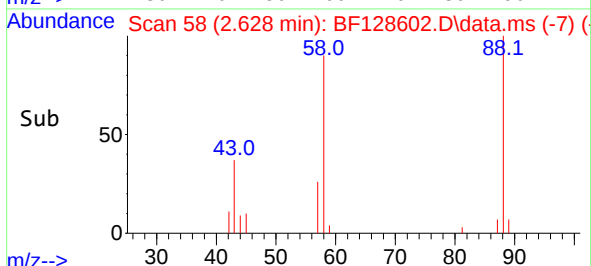
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

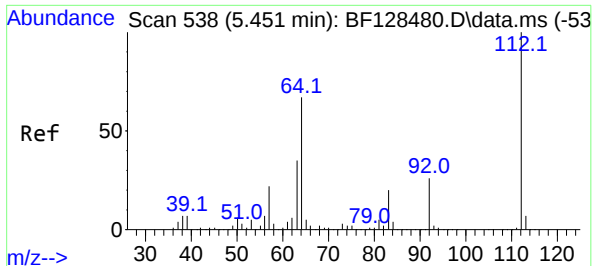


#2
1,4-Dioxane
Concen: 3.684 ng
RT: 2.628 min Scan# 58
Delta R.T. 0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56



Tgt Ion: 88 Resp: 10091
Ion Ratio Lower Upper
88 100
58 84.3 71.8 107.8
43 59.9 26.6 39.8





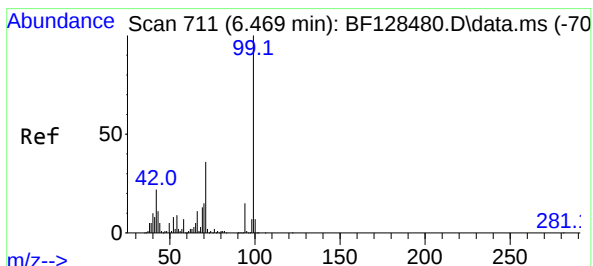
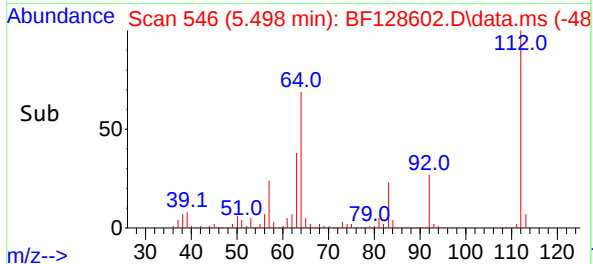
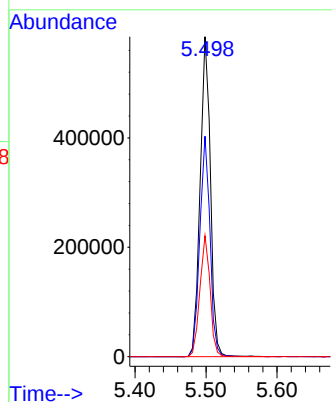
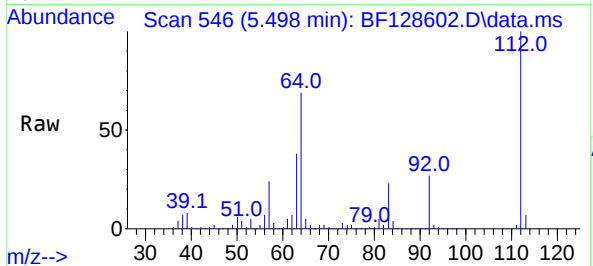
#5
2-Fluorophenol
Concen: 96.146 ng
RT: 5.498 min Scan# 54
Delta R.T. 0.047 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 59069
Ion Ratio Lower Upper
112 100
64 68.9 53.3 79.9
63 37.8 28.0 42.0

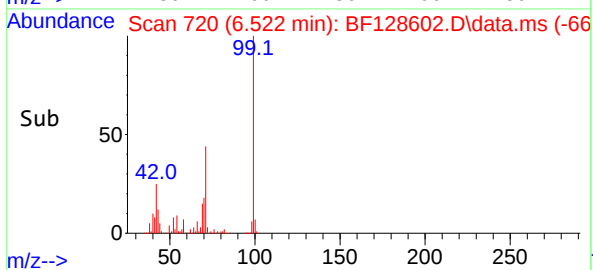
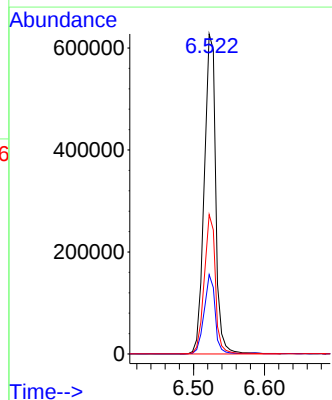
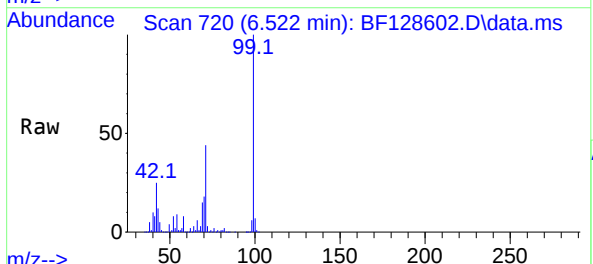
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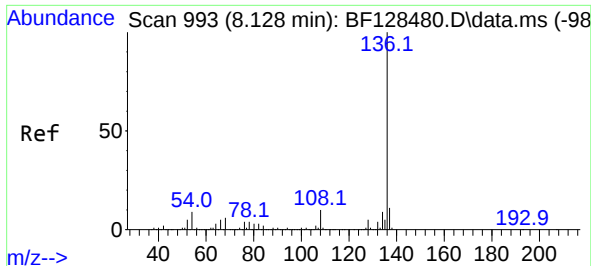
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#7
Phenol-d6
Concen: 90.345 ng
RT: 6.522 min Scan# 720
Delta R.T. 0.053 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

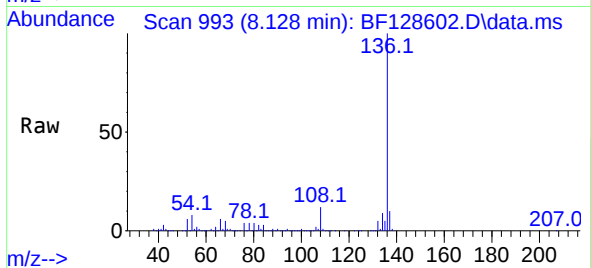
Tgt Ion: 99 Resp: 707704
Ion Ratio Lower Upper
99 100
42 24.8 17.3 25.9
71 43.5 28.9 43.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

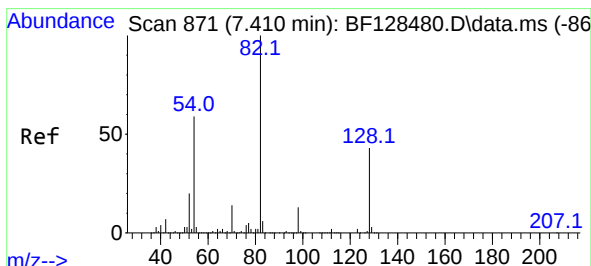
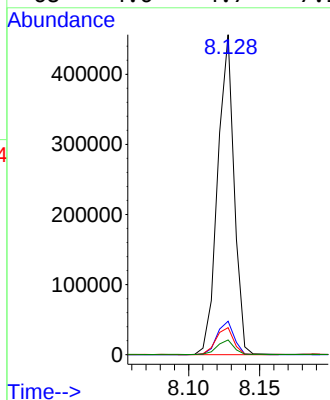
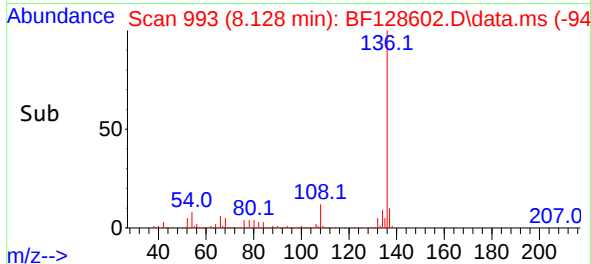
Instrument :
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ClientSampleId :
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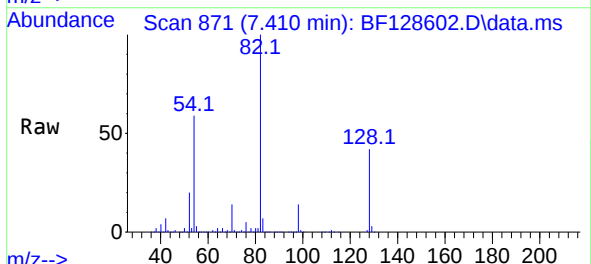
Tgt Ion:136 Resp: 366870
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.5 7.5 11.3
68 4.6 4.7 7.1#

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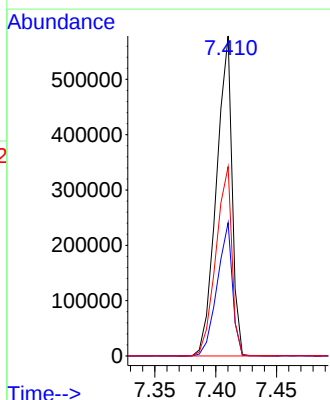
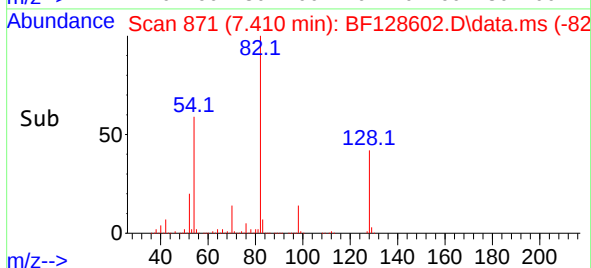
Reviewed By :Christian Giraldo 06/01/2022
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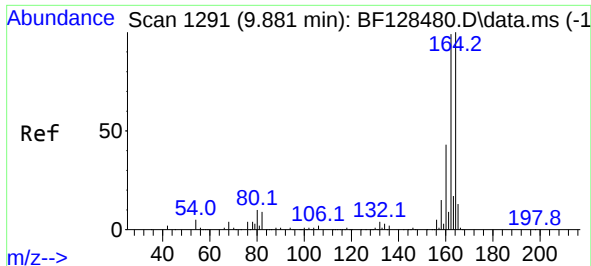


#23
Nitrobenzene-d5
Concen: 81.587 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56



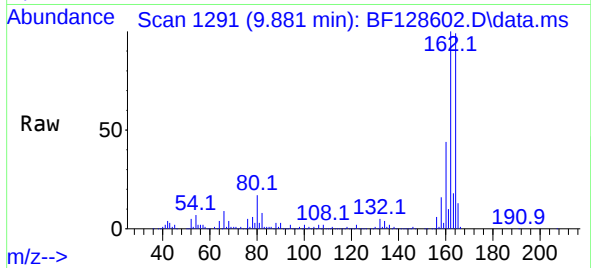
Tgt Ion: 82 Resp: 518865
Ion Ratio Lower Upper
82 100
128 41.6 34.0 51.0
54 59.2 46.9 70.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

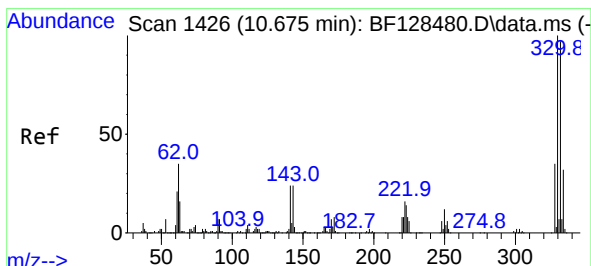
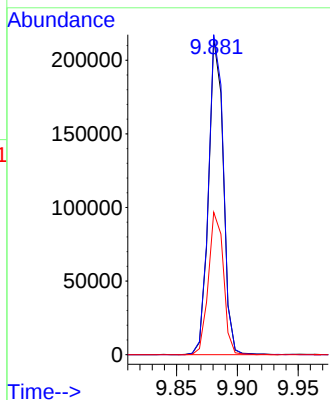
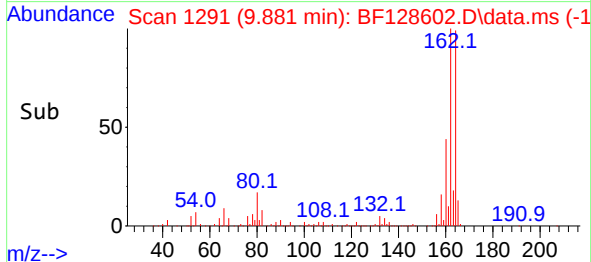
Instrument :
BNA_F
ClientSampleId :
BB-11



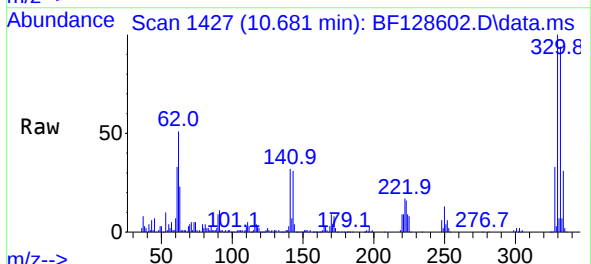
Tgt Ion:164 Resp: 181598
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.1 34.2 51.4

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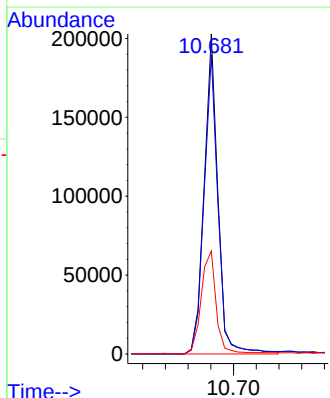
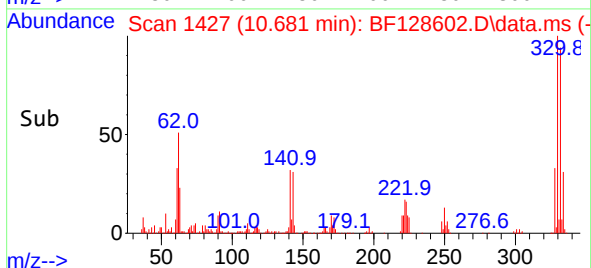
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Supervised By :Jagrut Upadhyay 06/01/2022

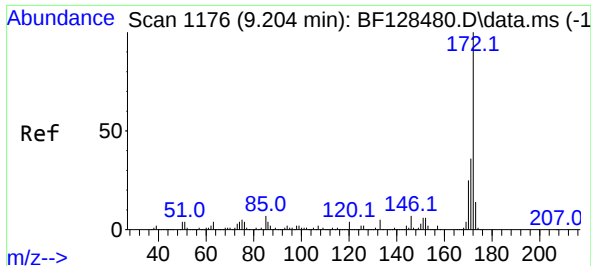


#42
2,4,6-Tribromophenol
Concen: 98.556 ng
RT: 10.681 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56



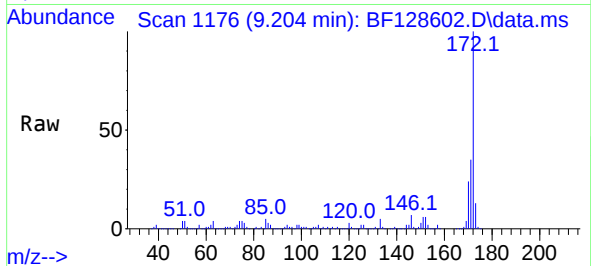
Tgt Ion:330 Resp: 170354
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 35.4 28.0 42.0





#45
2-Fluorobiphenyl
Concen: 70.403 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

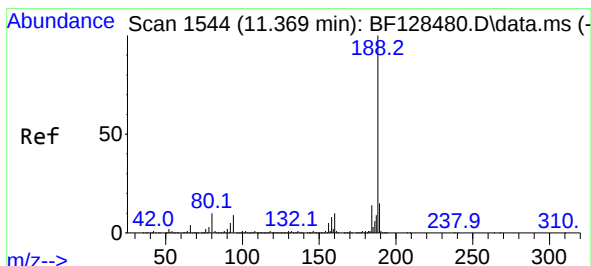
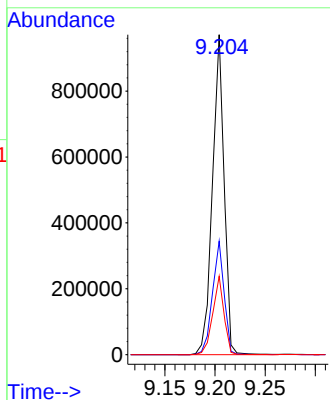
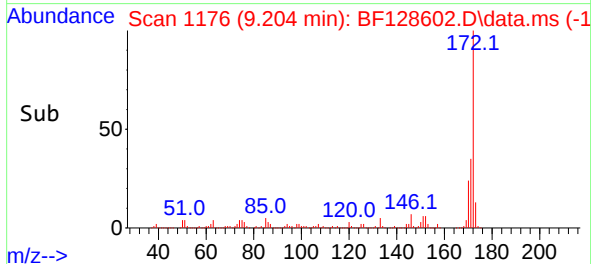
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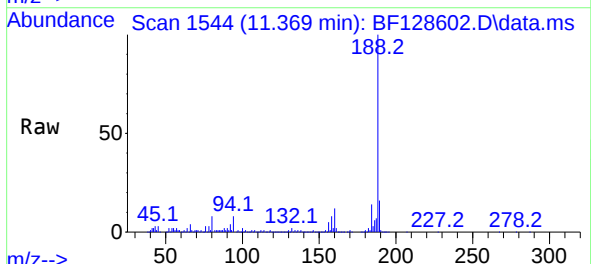
Tgt Ion:172 Resp: 786940
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.5 19.8 29.8

Manual Integrations
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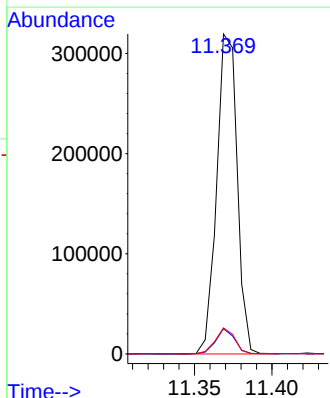
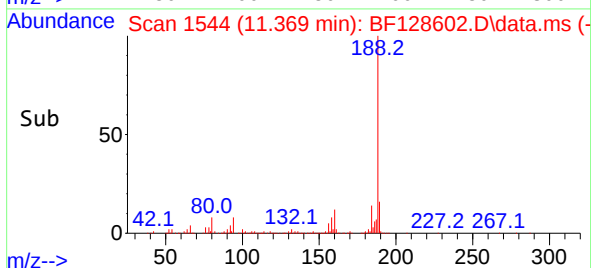
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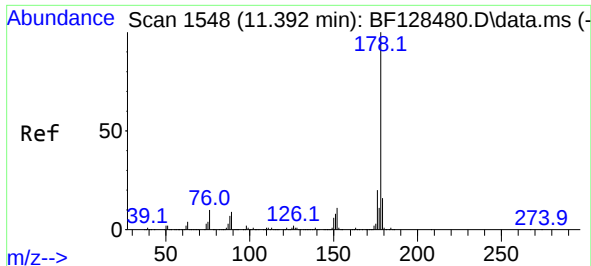


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56



Tgt Ion:188 Resp: 293958
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.1 7.6 11.4





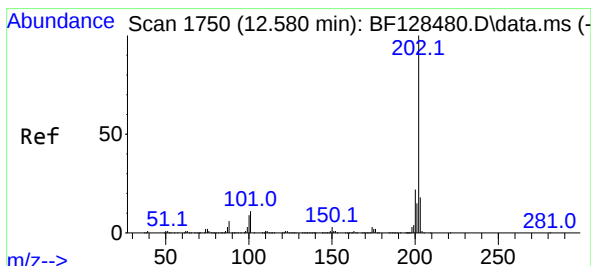
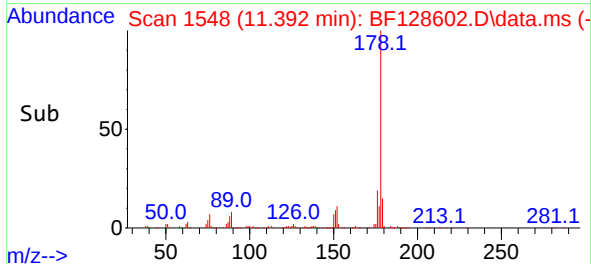
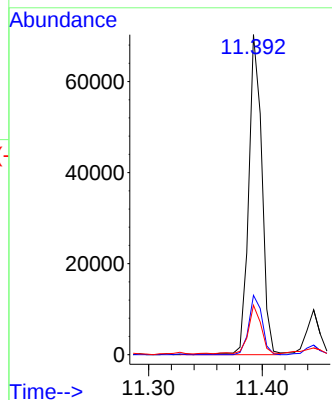
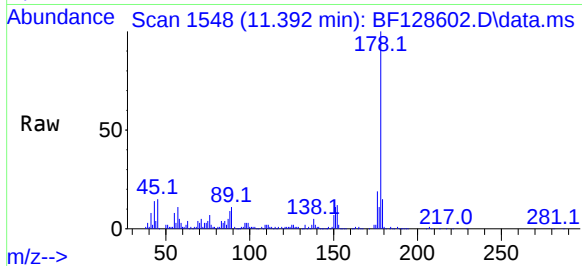
#71
Phenanthrene
Concen: 4.056 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

Instrument :
BNA_F
ClientSampleId :
BB-11

Tgt Ion:178 Resp: 5648
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.4 12.6 19.0

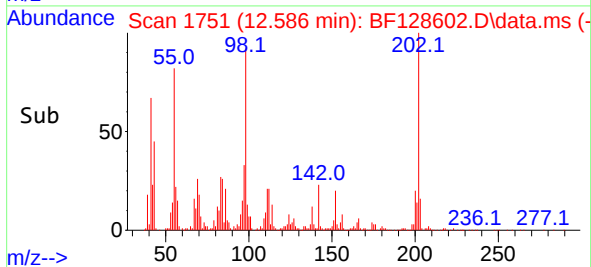
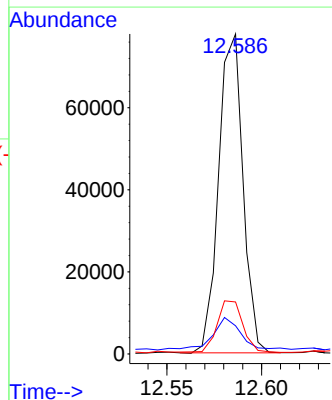
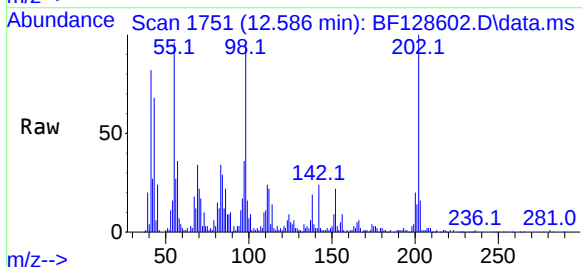
Manual Integrations
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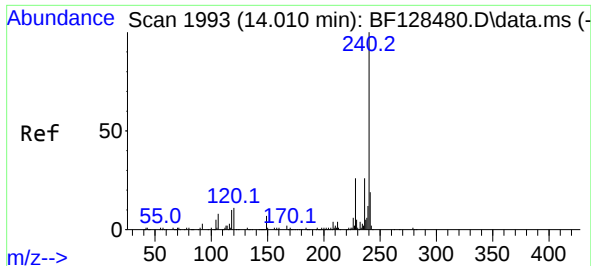
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#75
Fluoranthene
Concen: 4.664 ng
RT: 12.586 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

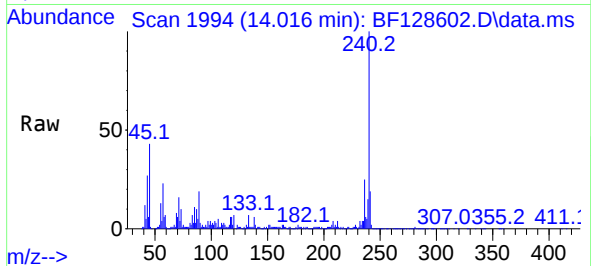
Tgt Ion:202 Resp: 69437
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.4
203 16.2 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

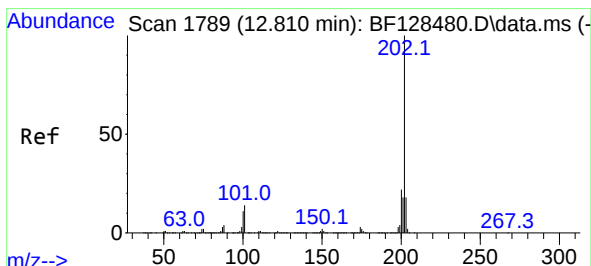
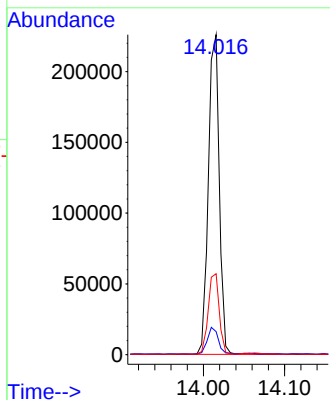
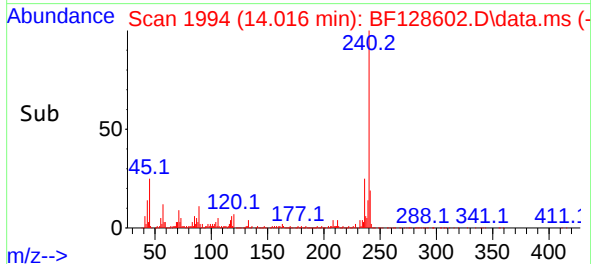
Instrument :
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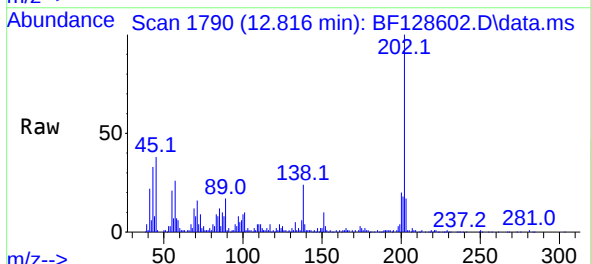
Tgt Ion:240 Resp: 210048
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3
236 25.3 20.8 31.2

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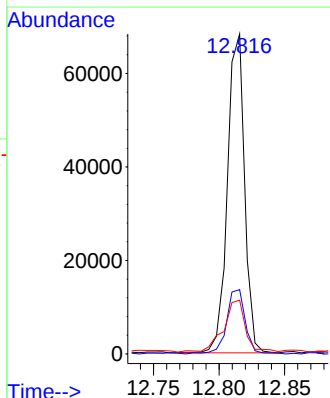
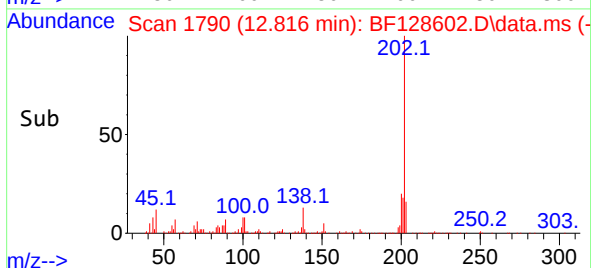
Reviewed By :Christian Giraldo 06/01/2022
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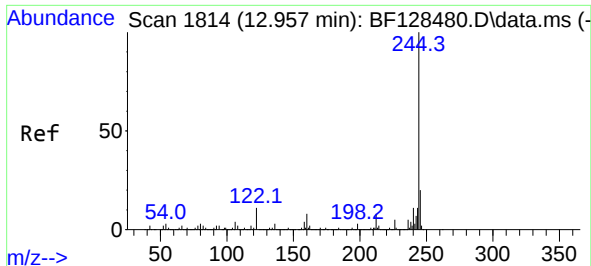


#78
Pyrene
Concen: 3.918 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56



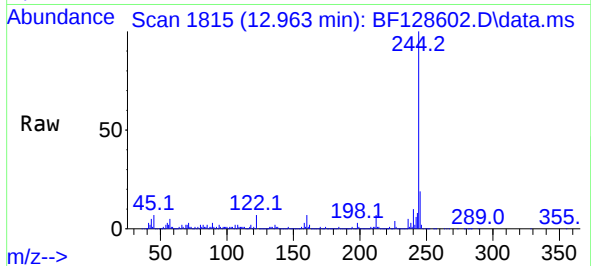
Tgt Ion:202 Resp: 62006
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 16.8 14.6 21.8





#79
Terphenyl-d14
Concen: 61.949 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

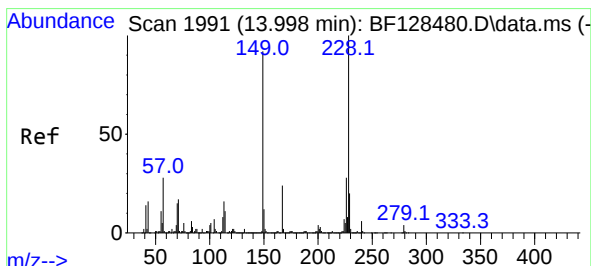
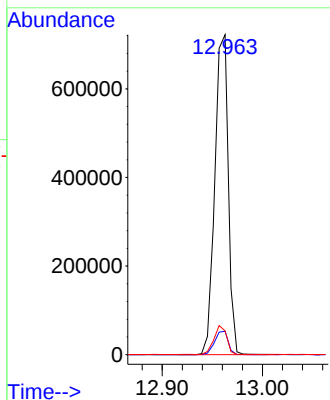
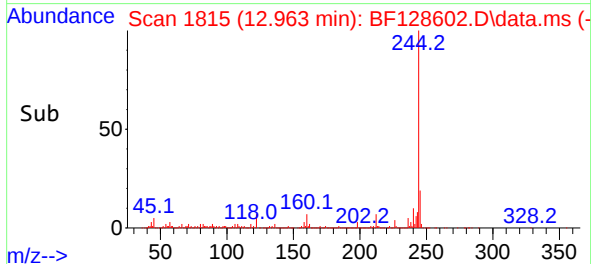
Instrument :
BNA_F
ClientSampleId :
BB-11



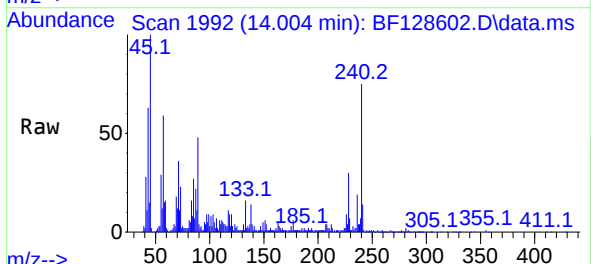
Tgt Ion:244 Resp: 67352
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 7.5 8.8 13.2

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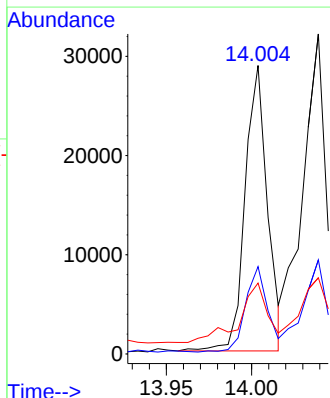
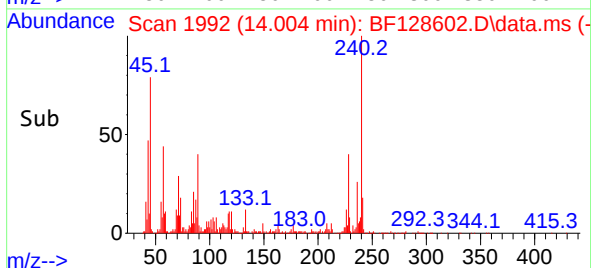
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

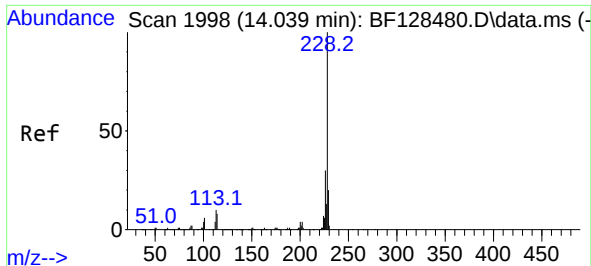


#81
Benzo(a)anthracene
Concen: 2.106 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56



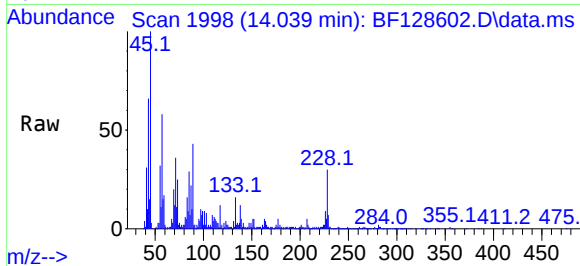
Tgt Ion:228 Resp: 26295
Ion Ratio Lower Upper
228 100
226 30.3 22.1 33.1
229 24.6 15.8 23.8





#83
Chrysene
Concen: 2.435 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

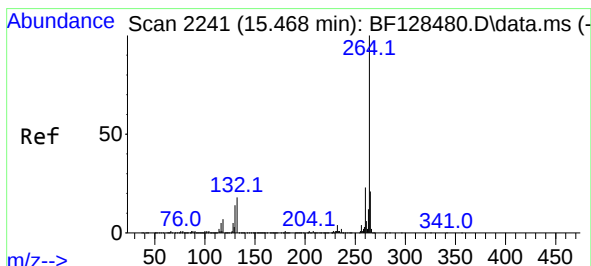
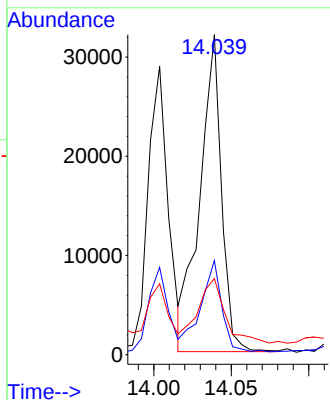
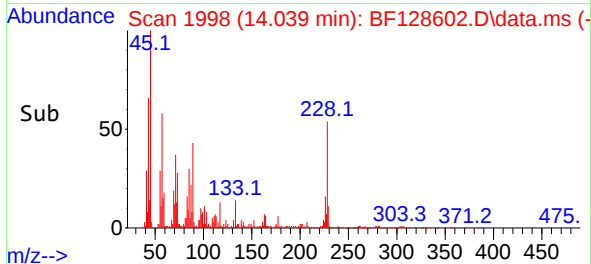
Instrument :
BNA_F
ClientSampleId :
BB-11



Tgt Ion:228 Resp: 31130
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 23.8 15.9 23.9

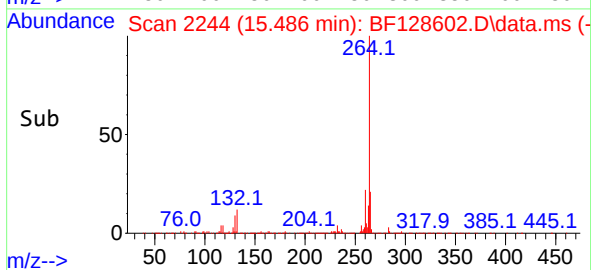
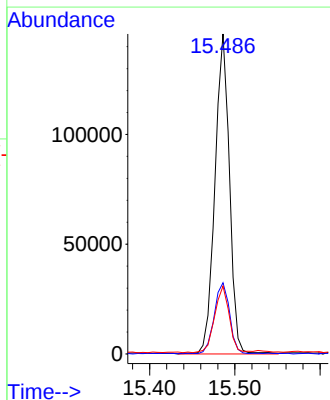
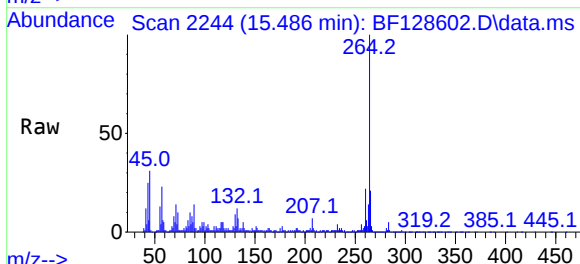
Manual Integrations
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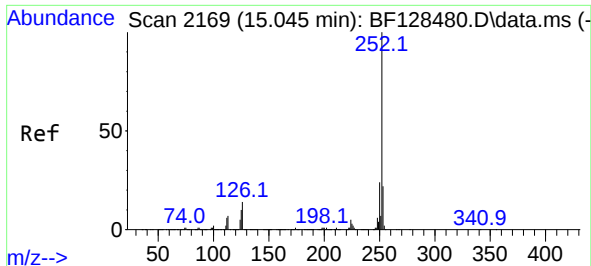
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. 0.018 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

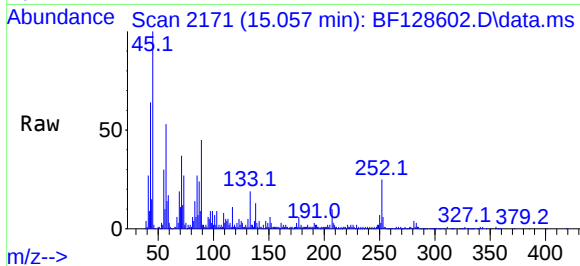
Tgt Ion:264 Resp: 172607
Ion Ratio Lower Upper
264 100
260 22.2 18.4 27.6
265 21.2 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.321 ng m
RT: 15.057 min Scan# 2169
Delta R.T. 0.012 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

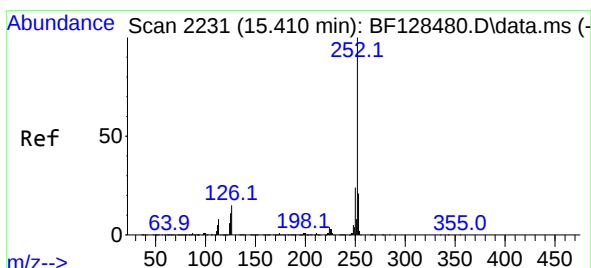
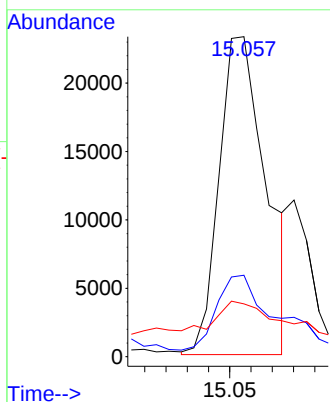
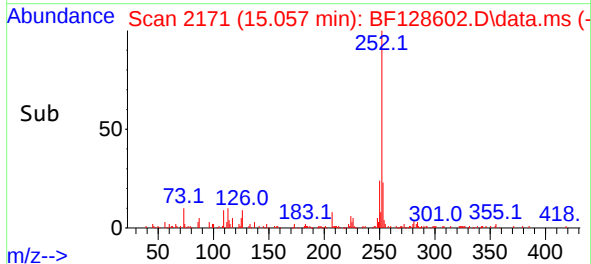
Instrument :
BNA_F
ClientSampleId :
BB-11



Tgt Ion:252 Resp: 35658
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 16.5 8.0 12.0

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.248 ng
RT: 15.421 min Scan# 2233
Delta R.T. 0.012 min
Lab File: BF128602.D
Acq: 31 May 2022 18:56

Tgt Ion:252 Resp: 19365
Ion Ratio Lower Upper
252 100
253 25.9 17.0 25.6#
125 20.3 8.8 13.2#

