

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128890.D
 Acq On : 20 Jun 2022 21:43
 Operator : CG\JU
 Sample : N3383-06DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-04-(3-5)DL

Quant Time: Jun 21 01:21:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/21/2022
 Supervised By : Jagrut Upadhyay 06/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	135039	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	426004	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	220061	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	341936	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	220441	20.000	ng	#-0.01
86) Perylene-d12	15.392	264	210481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	164558	19.410	ng	0.00
7) Phenol-d6	6.422	99	216455	20.916	ng	-0.02
23) Nitrobenzene-d5	7.334	82	154508	16.886	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	21250	8.173	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	250358	15.937	ng	-0.01
79) Terphenyl-d14	12.880	244	188425	14.853	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.769	142	30807	2.215	ng	97
71) Phenanthrene	11.322	178	388939	22.678	ng	99
72) Anthracene	11.369	178	51642	3.042	ng	100
75) Fluoranthene	12.510	202	165137	9.211	ng	97
78) Pyrene	12.739	202	221169	13.485	ng	98
81) Benzo(a)anthracene	13.927	228	79463	5.783	ng	99
83) Chrysene	13.963	228	72519	5.536	ng	98
88) Benzo(b)fluoranthene	14.969	252	63623m	4.731	ng	
90) Benzo(a)pyrene	15.327	252	45980	4.350	ng	98

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

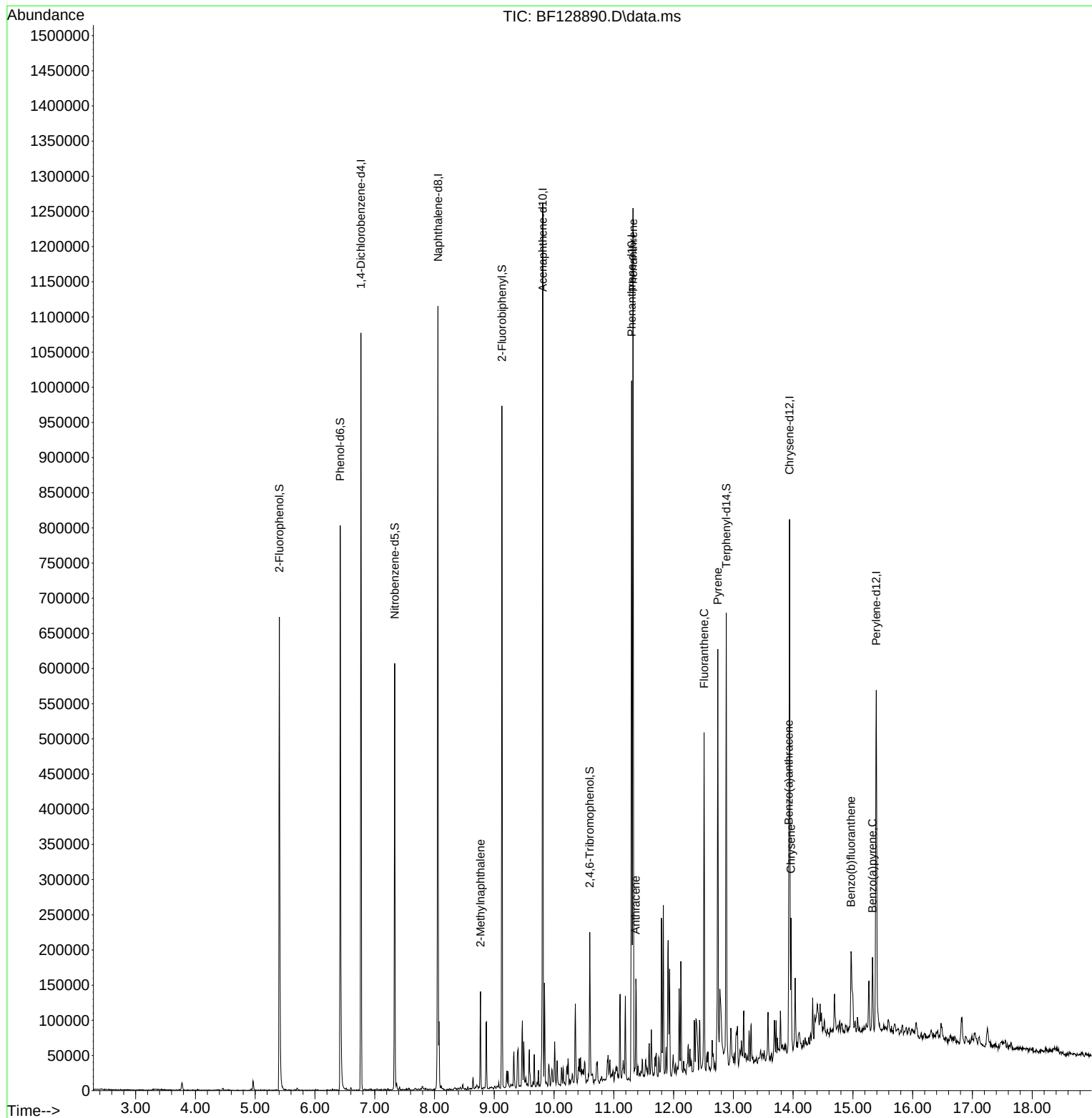
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128890.D
Acq On : 20 Jun 2022 21:43
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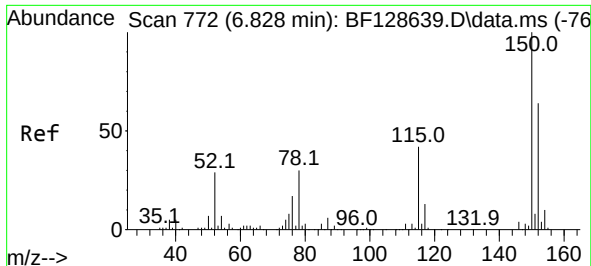
Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)DL

Quant Time: Jun 21 01:21:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
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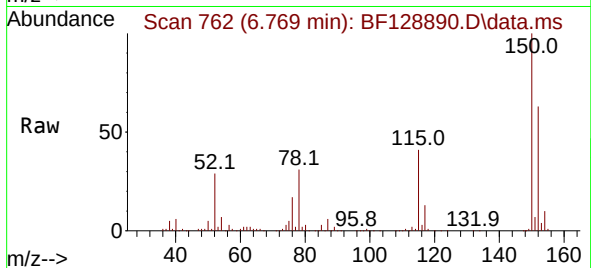
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Supervised By : Jagrut Upadhyay 06/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

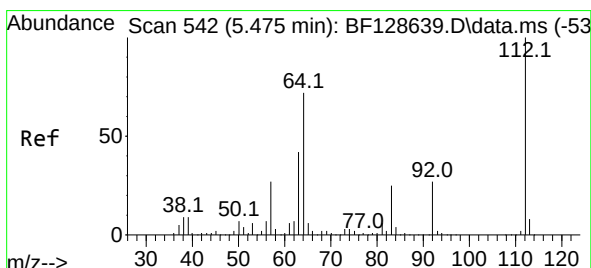
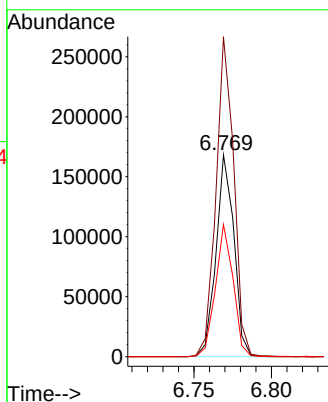
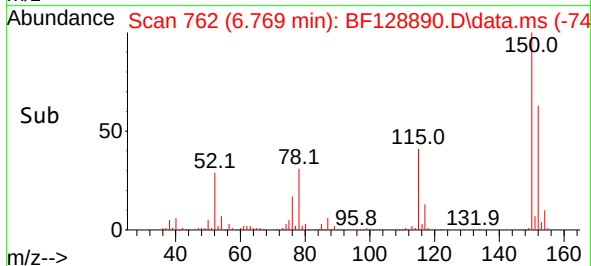
Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)DL



Tgt Ion:152 Resp: 135039
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 65.5 49.9 74.9

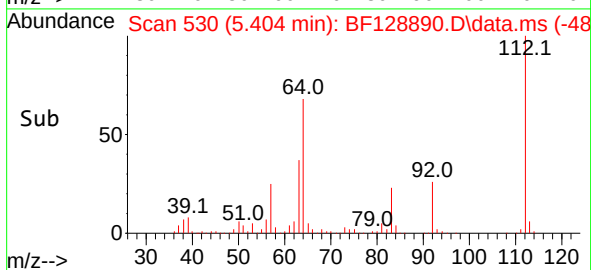
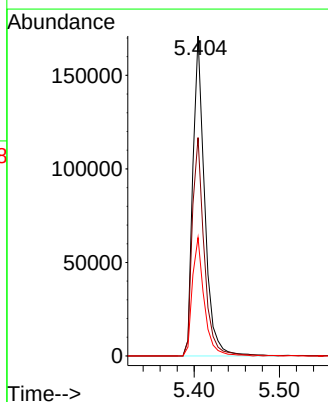
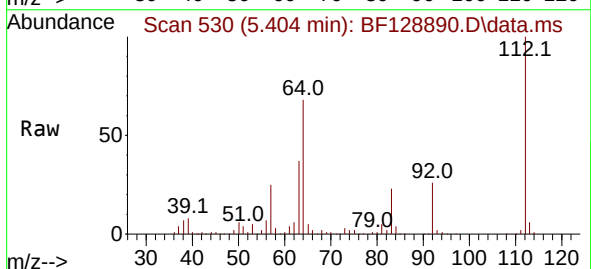
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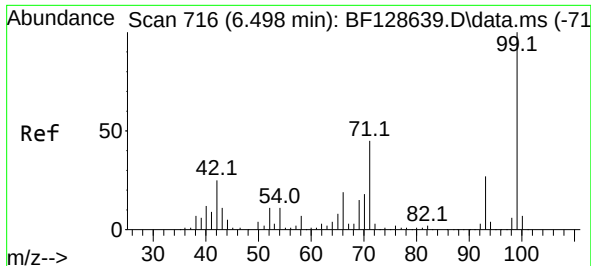
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#5
2-Fluorophenol
Concen: 19.410 ng
RT: 5.404 min Scan# 530
Delta R.T. -0.006 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

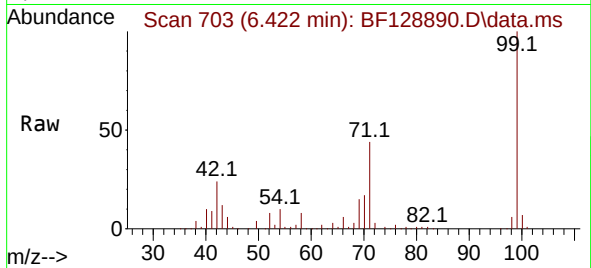
Tgt Ion:112 Resp: 164558
Ion Ratio Lower Upper
112 100
64 68.2 53.3 79.9
63 37.0 28.0 42.0





#7
Phenol-d6
Concen: 20.916 ng
RT: 6.422 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

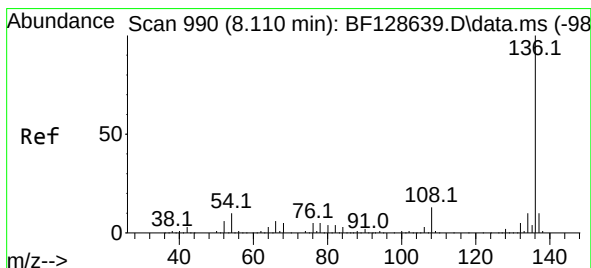
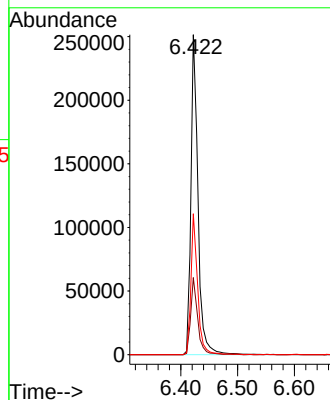
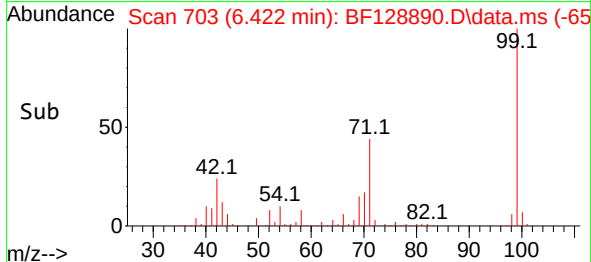
Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)DL



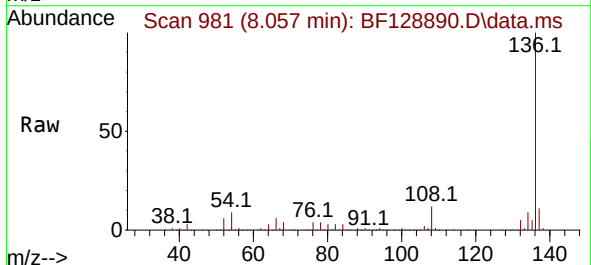
Tgt Ion: 99 Resp: 21645
Ion Ratio Lower Upper
99 100
42 24.1 17.3 25.9
71 44.0 28.9 43.3

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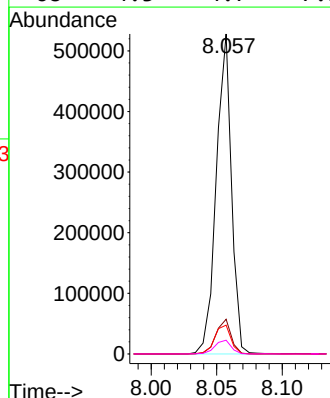
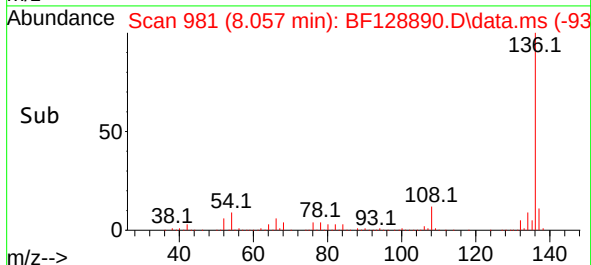
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

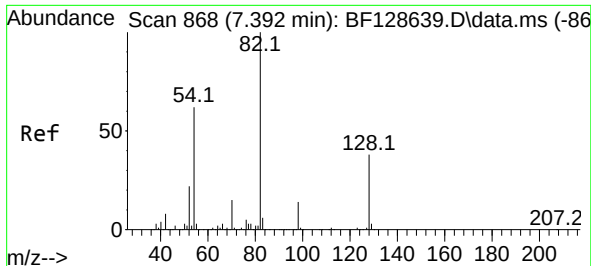


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43



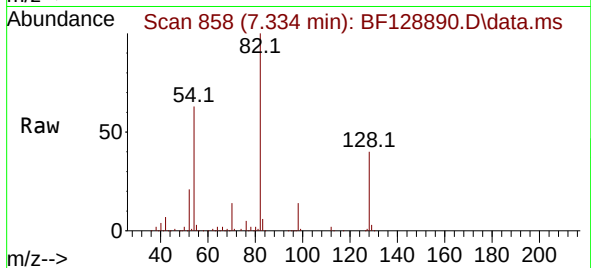
Tgt Ion:136 Resp: 426004
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 7.5 11.3
68 4.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 16.886 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

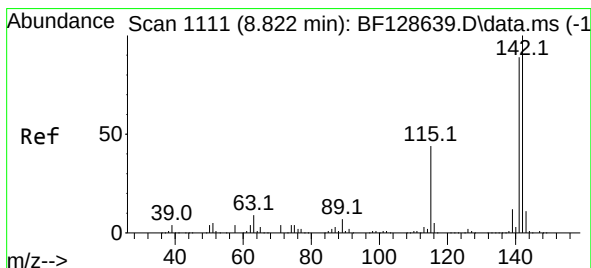
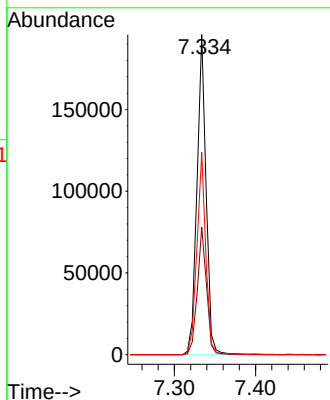
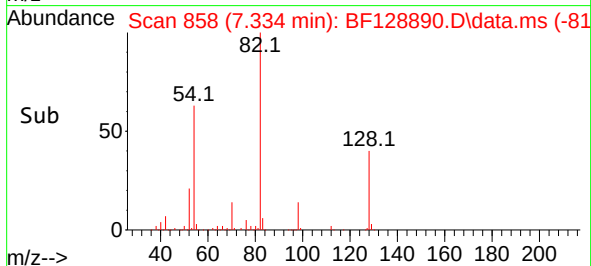
Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)DL



Tgt Ion: 82 Resp: 154508
Ion Ratio Lower Upper
82 100
128 39.9 34.0 51.0
54 63.2 46.9 70.3

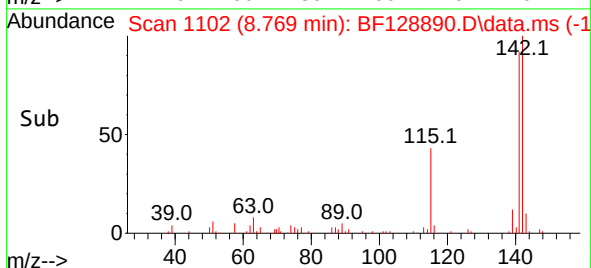
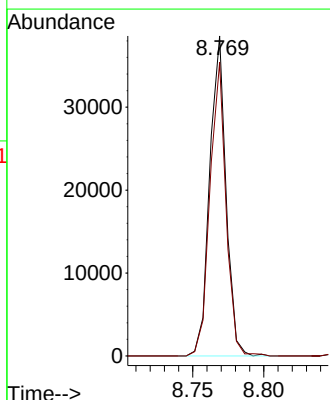
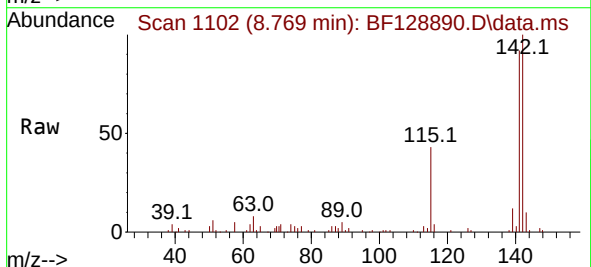
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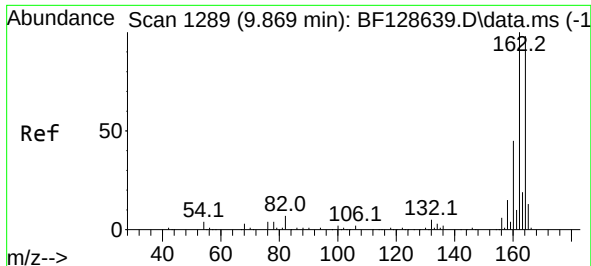
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#37
2-Methylnaphthalene
Concen: 2.215 ng
RT: 8.769 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

Tgt Ion:142 Resp: 30807
Ion Ratio Lower Upper
142 100
141 91.8 71.0 106.4





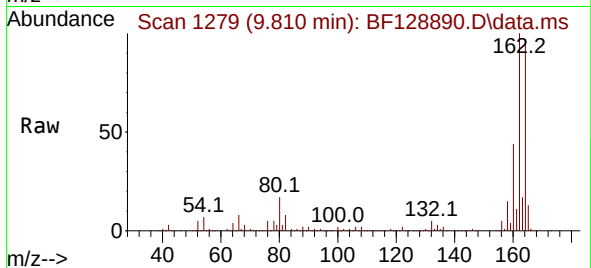
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

Instrument :

BNA_F

ClientSampleId :

RB-04-(3-5)DL

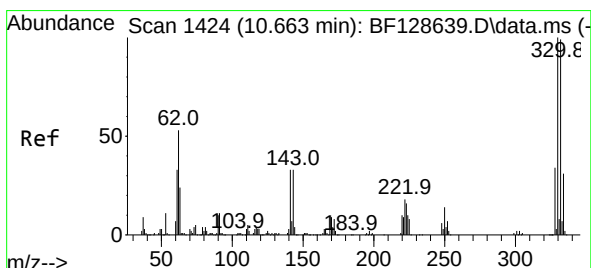
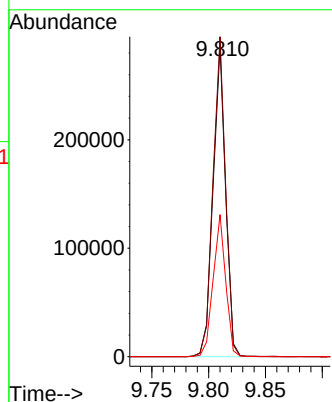
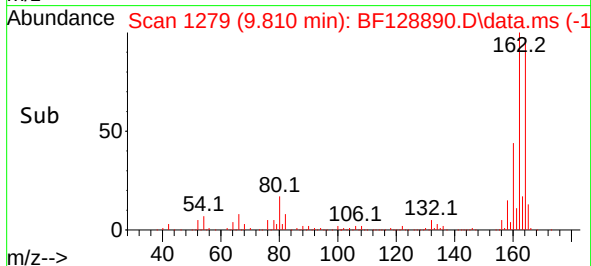


Tgt Ion:164 Resp: 22006
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.7 34.2 51.4

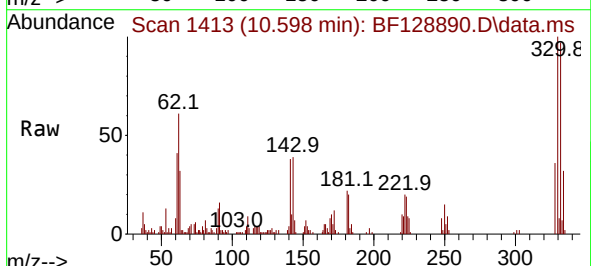
Manual Integrations

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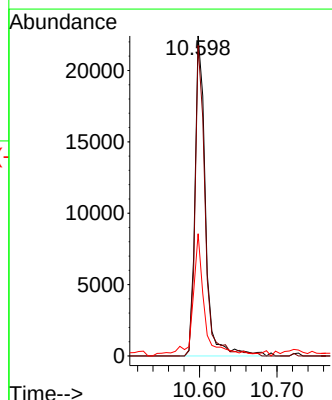
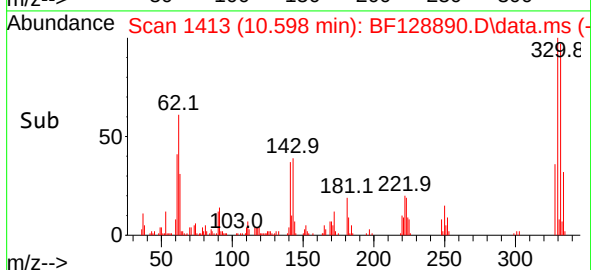
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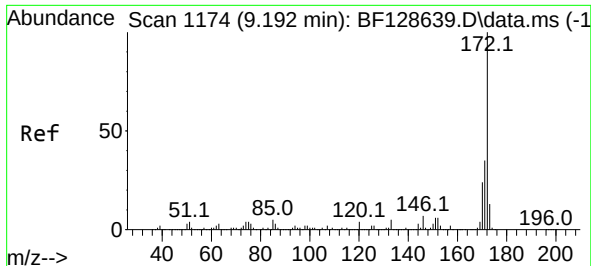


#42
2,4,6-Tribromophenol
Concen: 8.173 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43



Tgt Ion:330 Resp: 21250
Ion Ratio Lower Upper
330 100
332 91.0 76.8 115.2
141 42.9 28.0 42.0#





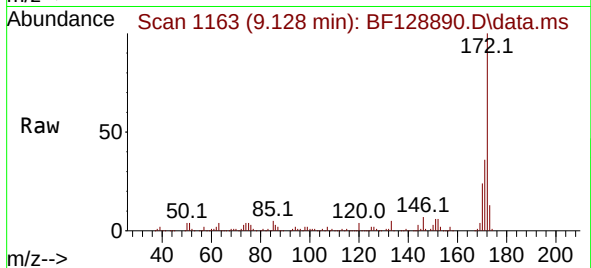
#45
2-Fluorobiphenyl
Concen: 15.937 ng
RT: 9.128 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

Instrument :

BNA_F

ClientSampleId :

RB-04-(3-5)DL

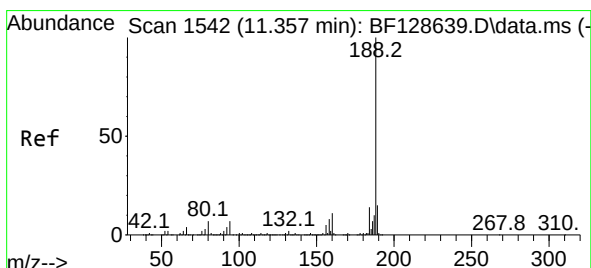
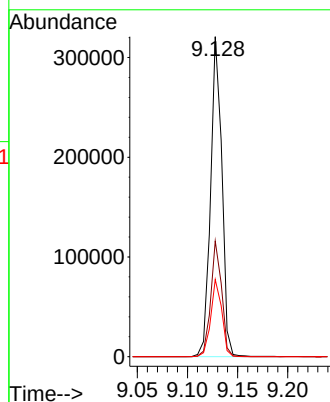
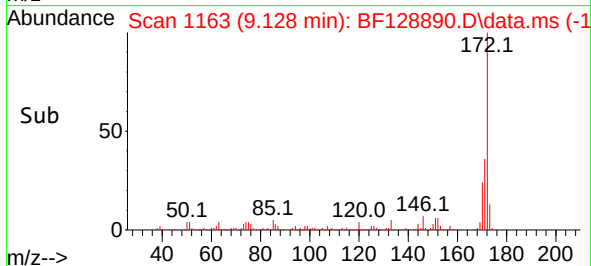


Tgt Ion:172 Resp: 250358
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.8 29.8

Manual Integrations

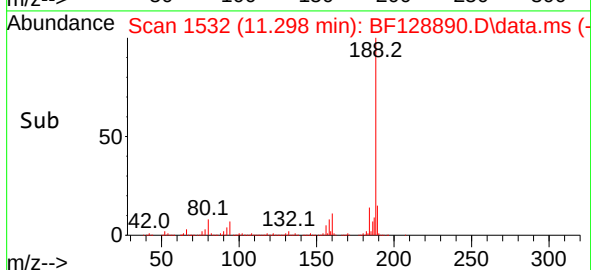
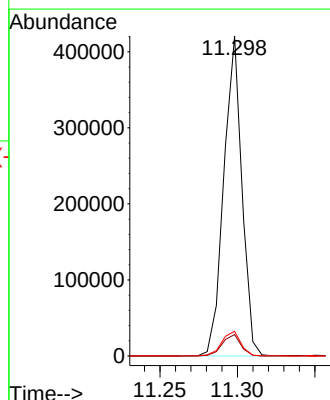
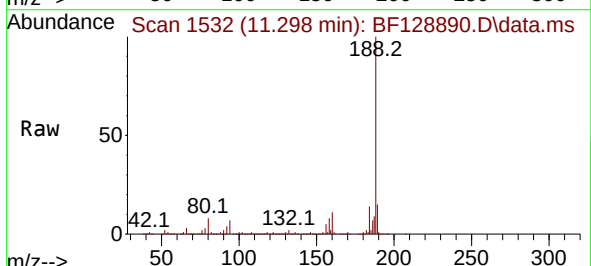
APPROVED

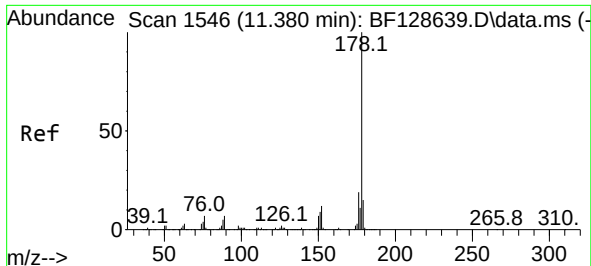
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

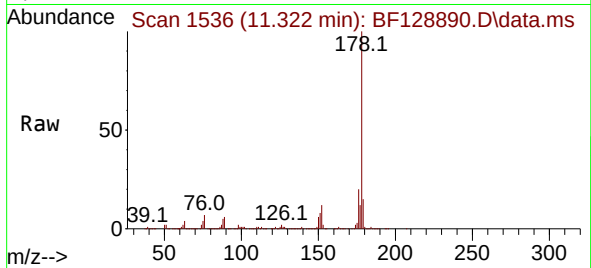
Tgt Ion:188 Resp: 341936
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 7.7 7.6 11.4





#71
Phenanthrene
Concen: 22.678 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

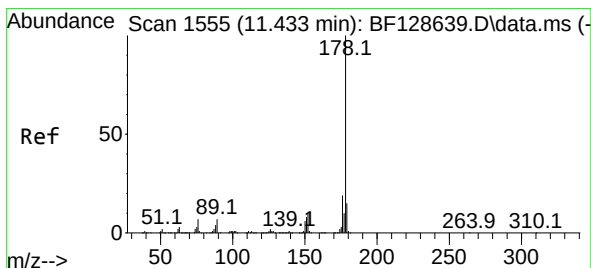
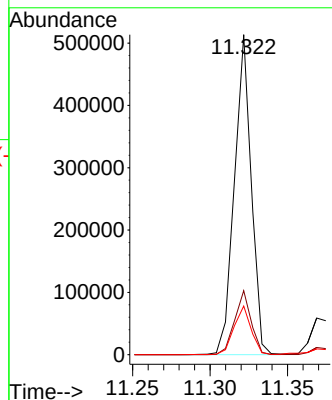
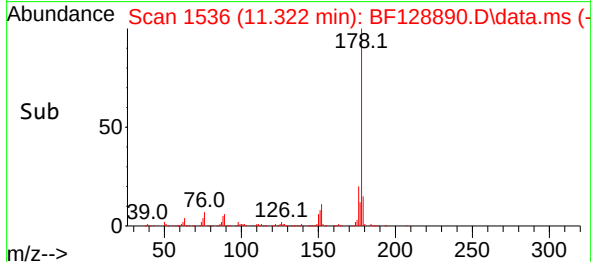
Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)DL



Tgt Ion:178 Resp: 388939
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.2 12.6 19.0

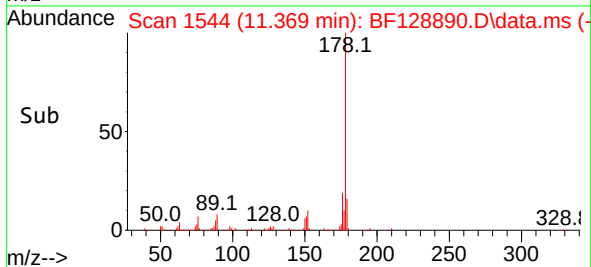
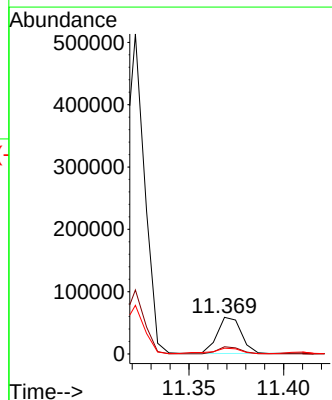
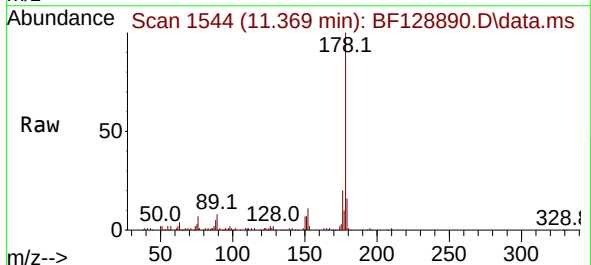
Manual Integrations
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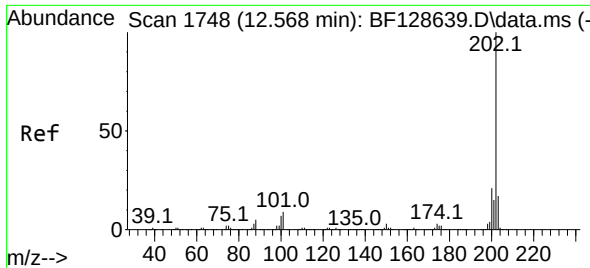
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#72
Anthracene
Concen: 3.042 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

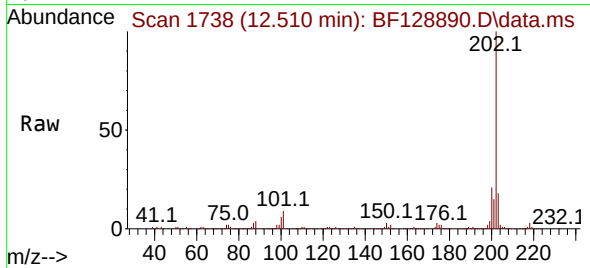
Tgt Ion:178 Resp: 51642
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.8 12.6 19.0





#75
Fluoranthene
Concen: 9.211 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

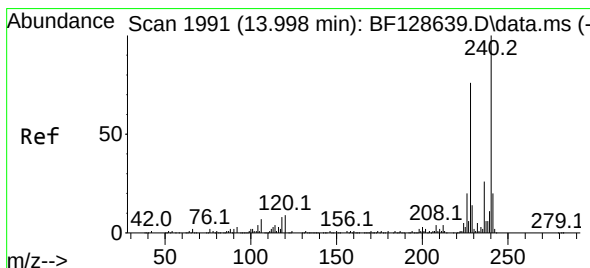
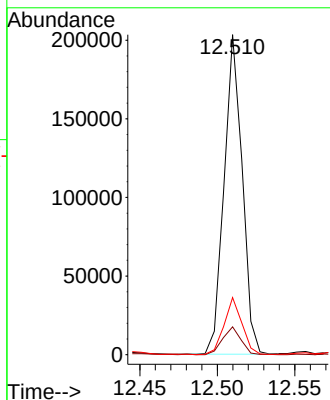
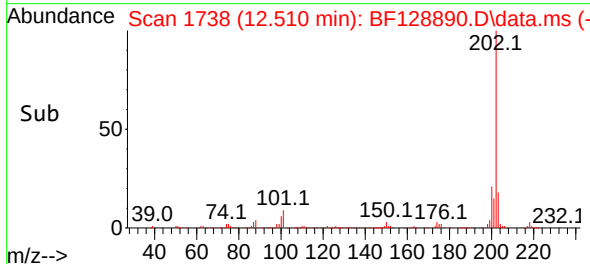
Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)DL



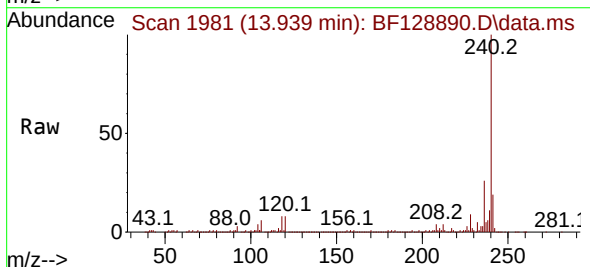
Tgt Ion:202 Resp: 16513
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
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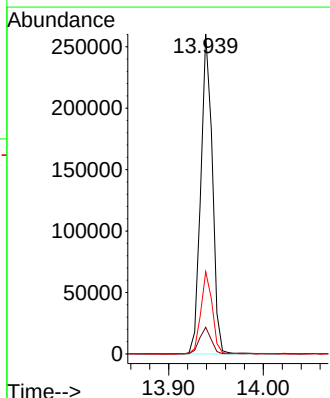
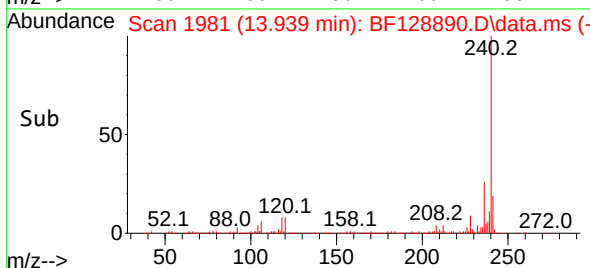
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

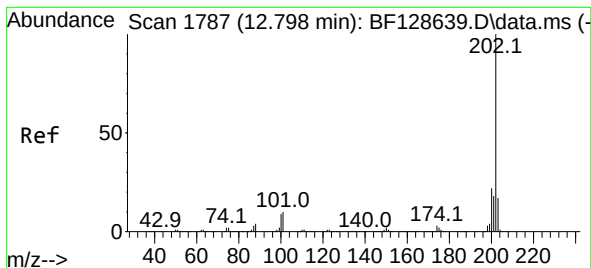


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43



Tgt Ion:240 Resp: 220441
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 25.7 20.8 31.2





#78

Pyrene

Concen: 13.485 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128890.D

Acq: 20 Jun 2022 21:43

Instrument :

BNA_F

ClientSampleId :

RB-04-(3-5)DL

Tgt Ion:202 Resp: 221169

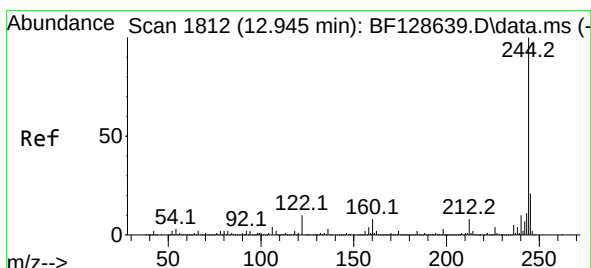
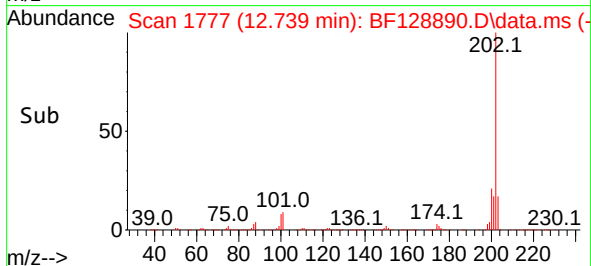
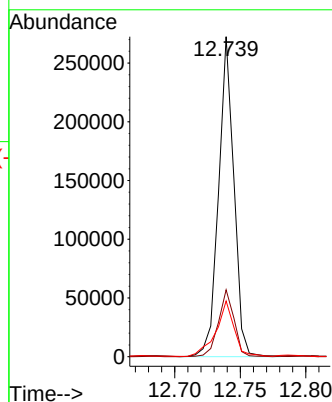
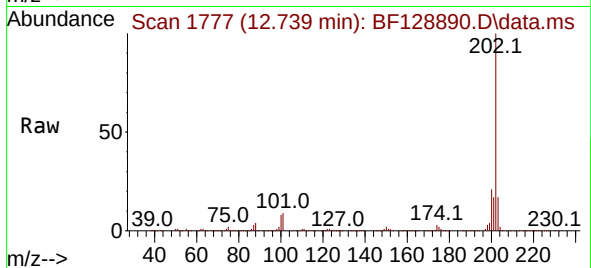
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.4	14.6	21.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#79

Terphenyl-d14

Concen: 14.853 ng

RT: 12.880 min Scan# 1801

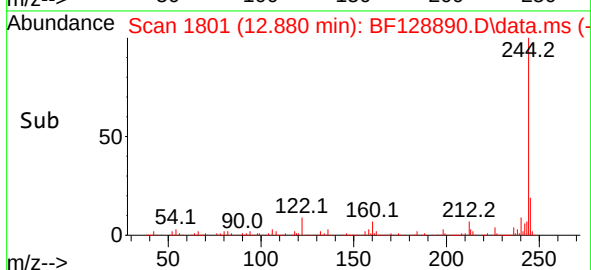
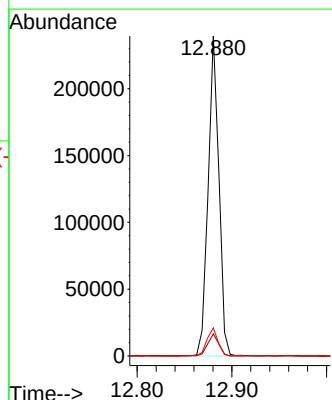
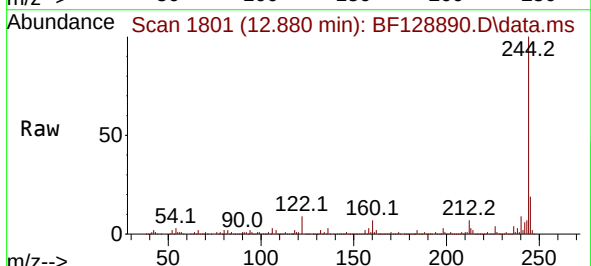
Delta R.T. -0.012 min

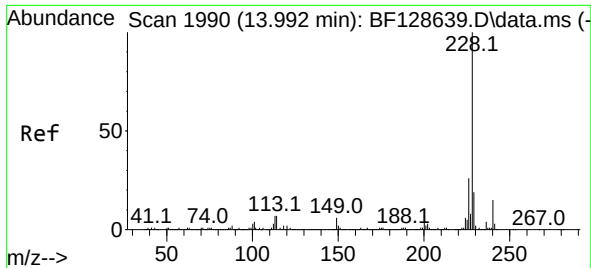
Lab File: BF128890.D

Acq: 20 Jun 2022 21:43

Tgt Ion:244 Resp: 188425

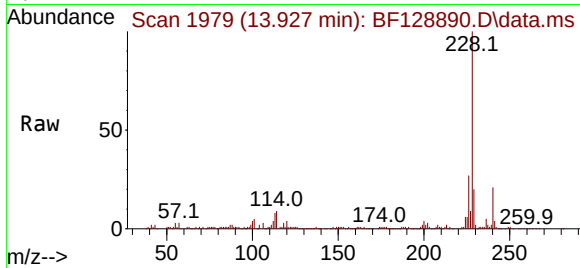
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	8.8	8.8	13.2





#81
Benzo(a)anthracene
Concen: 5.783 ng
RT: 13.927 min Scan# 1979
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

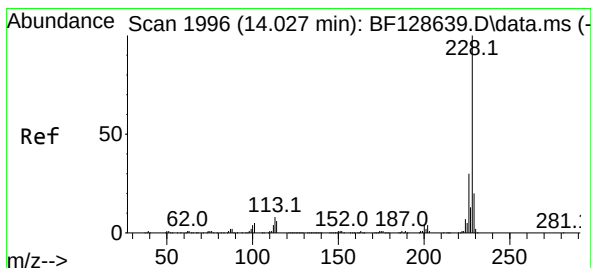
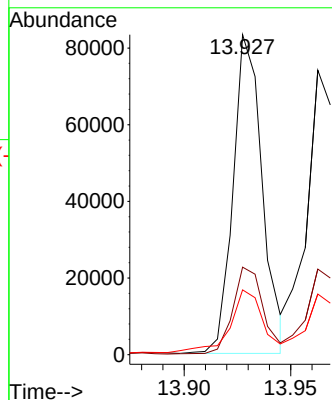
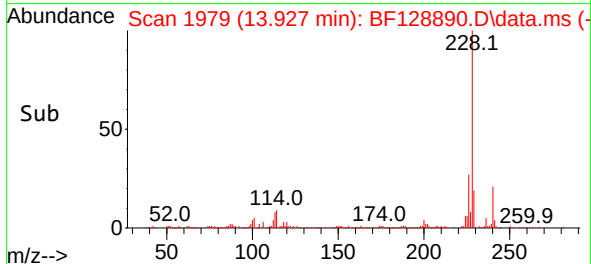
Instrument :
BNA_F
ClientSampleId :
RB-04-(3-5)DL



Tgt Ion:228 Resp: 7946
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.2 15.8 23.8

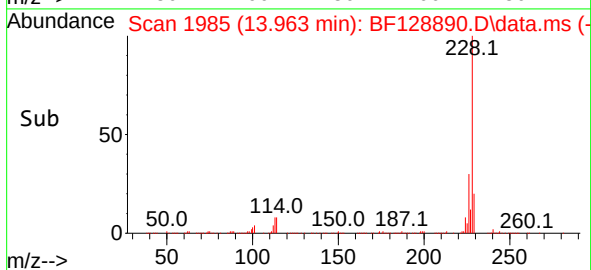
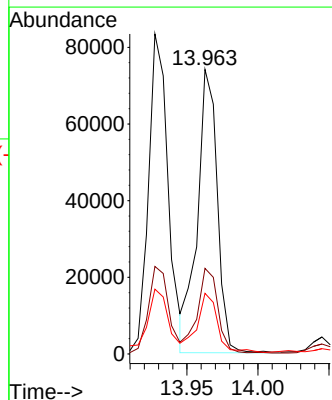
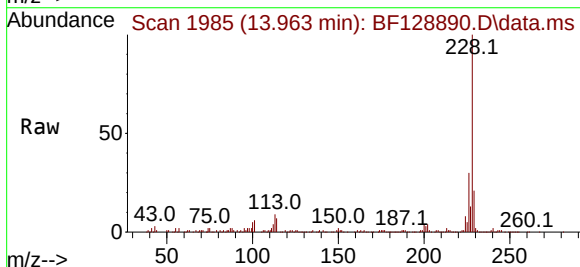
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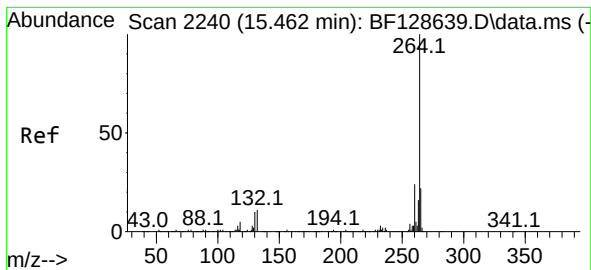
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#83
Chrysene
Concen: 5.536 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.018 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

Tgt Ion:228 Resp: 72519
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.3 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

Instrument :

BNA_F

ClientSampleId :

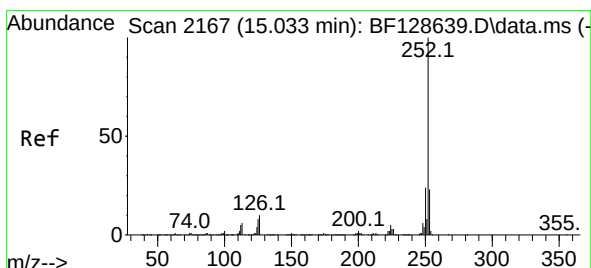
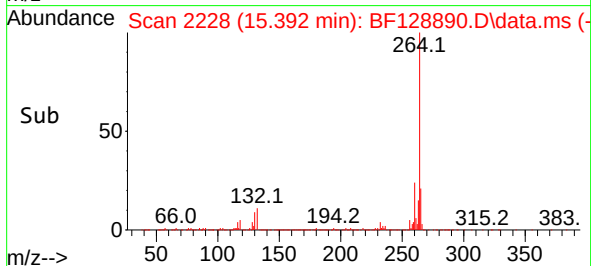
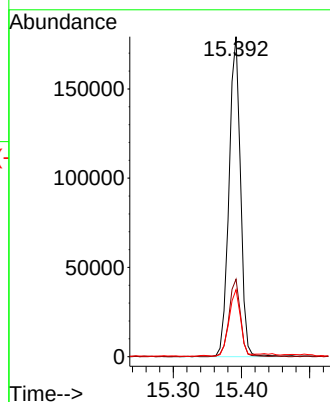
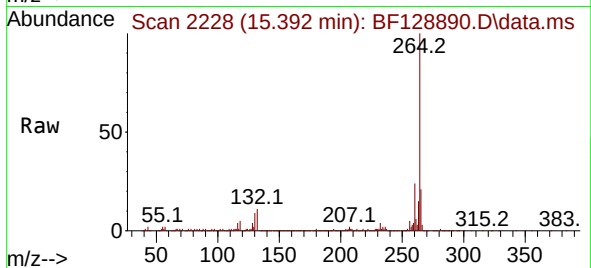
RB-04-(3-5)DL

Tgt Ion:264 Resp: 21048
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 20.9 17.2 25.8

Manual Integrations

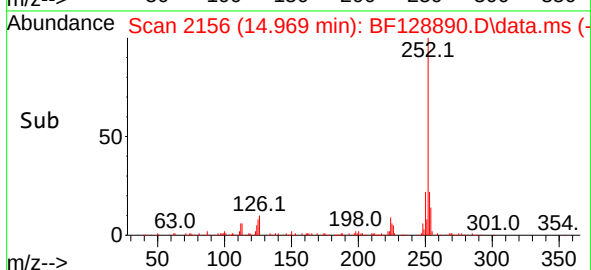
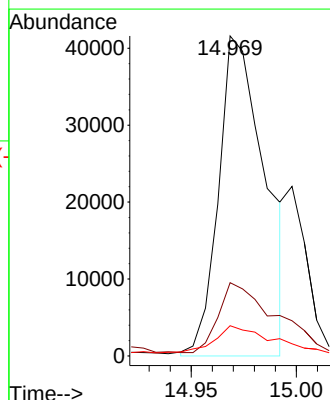
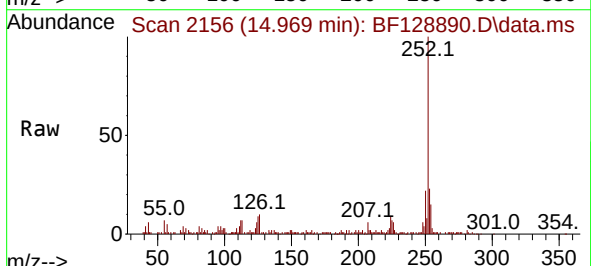
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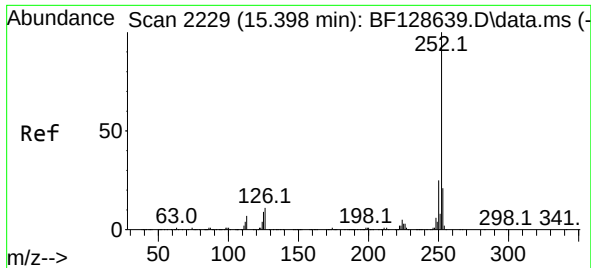
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#88
Benzo(b)fluoranthene
Concen: 4.731 ng m
RT: 14.969 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BF128890.D
Acq: 20 Jun 2022 21:43

Tgt Ion:252 Resp: 63623
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.4 8.0 12.0





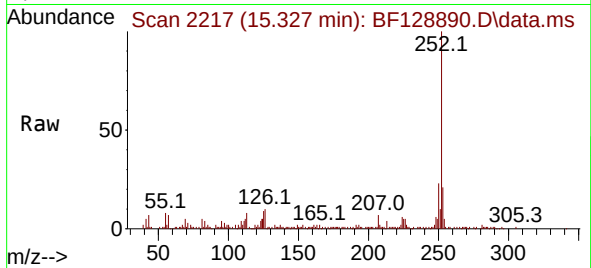
#90
 Benzo(a)pyrene
 Concen: 4.350 ng
 RT: 15.327 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128890.D
 Acq: 20 Jun 2022 21:43

Instrument :

BNA_F

ClientSampleId :

RB-04-(3-5)DL



Tgt Ion:252 Resp: 45980
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.0 25.6
 125 9.2 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022
 Supervised By :Jagrut Upadhyay 06/21/2022

