

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129825.D
 Acq On : 16 Aug 2022 22:56
 Operator : CG\JU
 Sample : N4215-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:40:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	147165	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	588957	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	302619	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	462540	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	243668	20.000	ng	0.00
86) Perylene-d12	15.468	264	288891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	824670	92.781	ng	0.00
7) Phenol-d6	6.475	99	1055494	94.827	ng	0.00
23) Nitrobenzene-d5	7.386	82	669461	60.849	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	250562	82.497	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1232860	61.876	ng	-0.01
79) Terphenyl-d14	12.933	244	890481	60.808	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	57530	2.227	ng	99
75) Fluoranthene	12.563	202	155914	5.898	ng	98
78) Pyrene	12.798	202	137630	6.500	ng	97
81) Benzo(a)anthracene	13.986	228	60239	3.594	ng	98
83) Chrysene	14.021	228	57094	3.639	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	47996	2.420	ng	99
88) Benzo(b)fluoranthene	15.039	252	90441m	4.572	ng	
90) Benzo(a)pyrene	15.404	252	66263	4.254	ng	97
92) Benzo(g,h,i)perylene	17.398	276	47434	2.905	ng	98

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

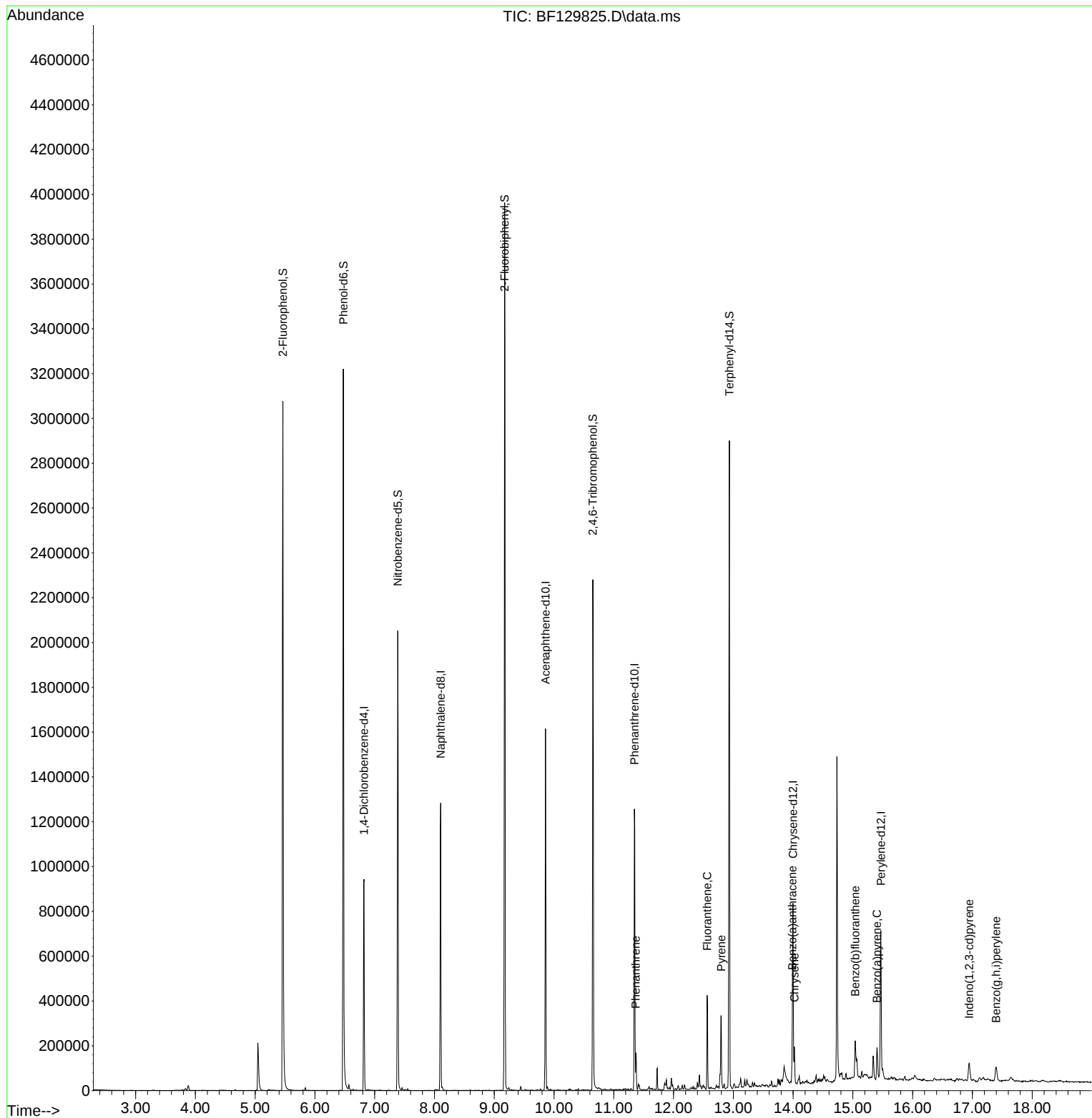
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129825.D
Acq On : 16 Aug 2022 22:56
Operator : CG\JU
Sample : N4215-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

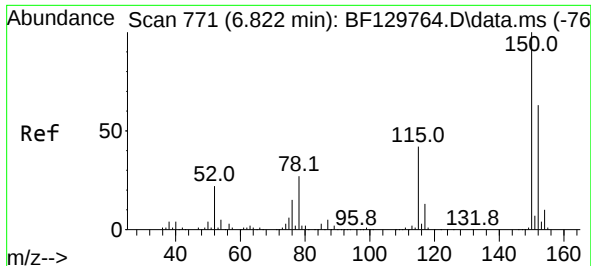
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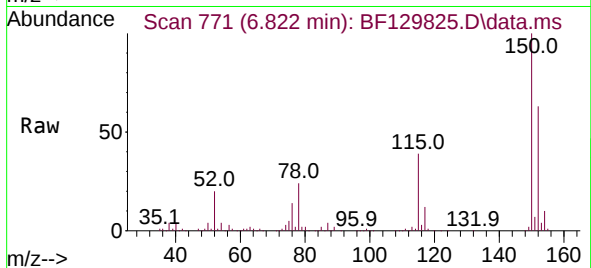
Quant Time: Aug 17 02:40:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

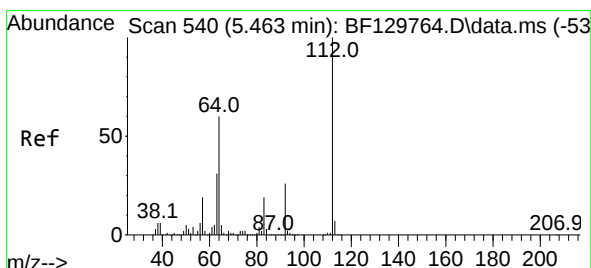
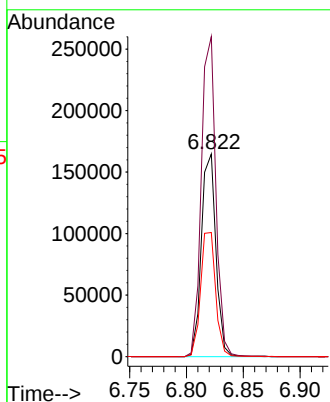
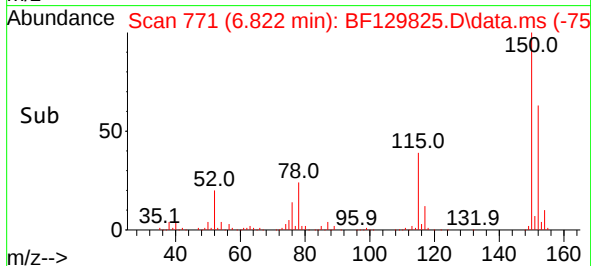
Instrument :
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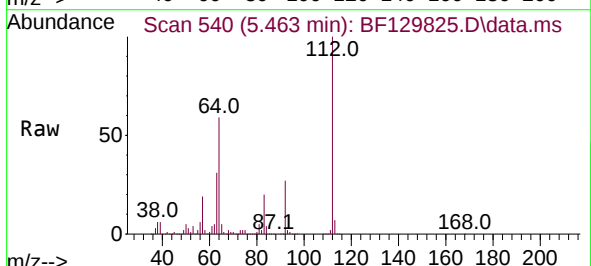
Tgt Ion:152 Resp: 147165
Ion Ratio Lower Upper
152 100
150 157.9 126.9 190.3
115 61.3 53.4 80.0

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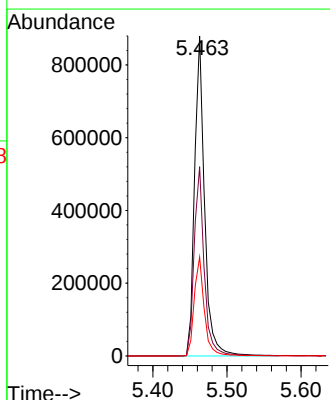
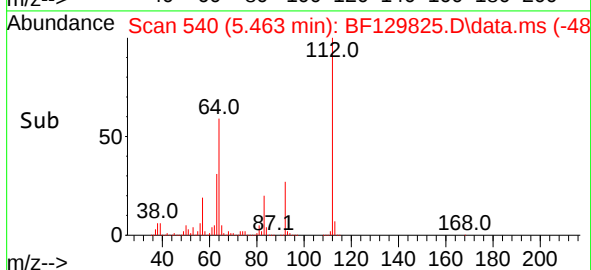
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#5
2-Fluorophenol
Concen: 92.781 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56



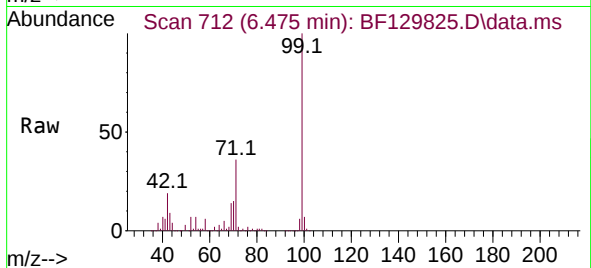
Tgt Ion:112 Resp: 824670
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 30.9 24.6 37.0





#7
Phenol-d6
Concen: 94.827 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

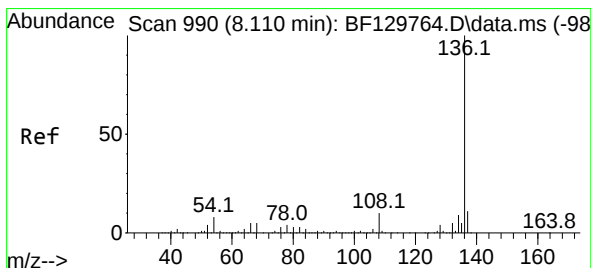
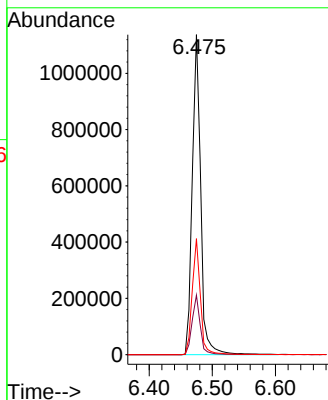
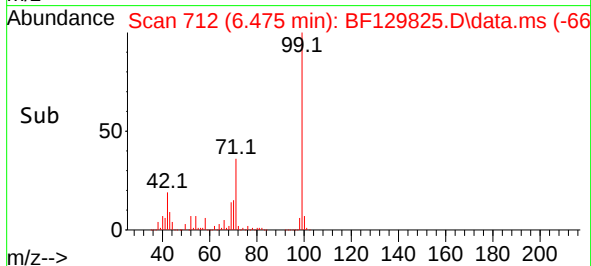
Instrument :
BNA_F
ClientSampleId :
WC-3



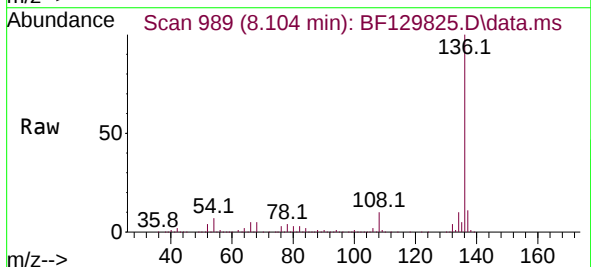
Tgt Ion: 99 Resp: 1055494
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.2 28.8 43.2

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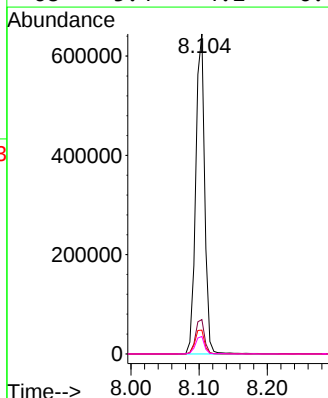
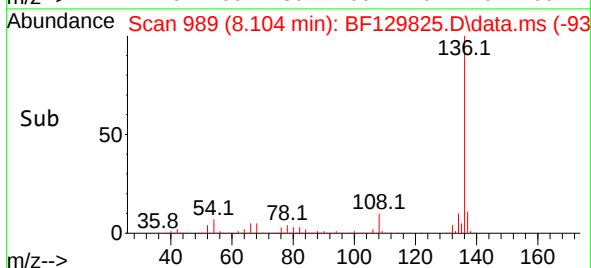
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56



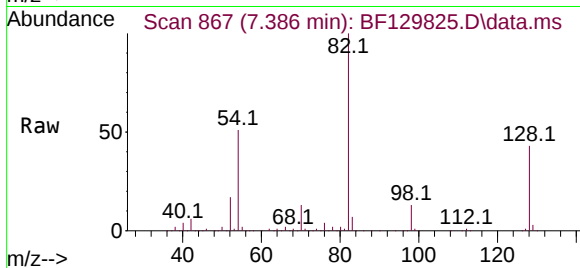
Tgt Ion:136 Resp: 588957
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.4 6.2 9.2
68 5.4 4.2 6.4





#23
Nitrobenzene-d5
Concen: 60.849 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

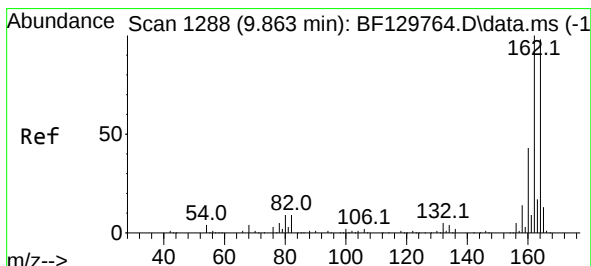
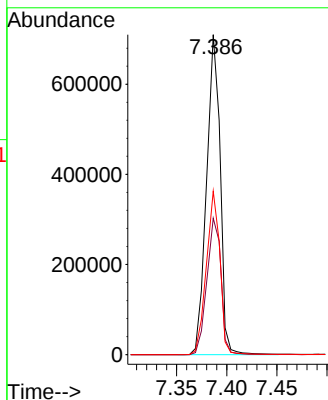
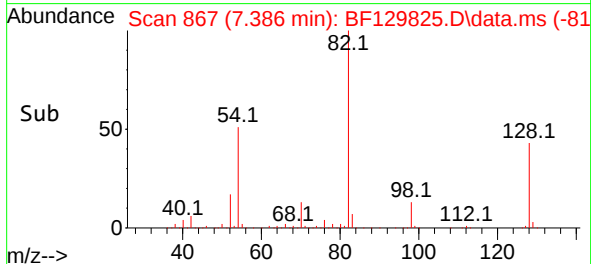
Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion: 82 Resp: 66946
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 51.1 40.0 60.0

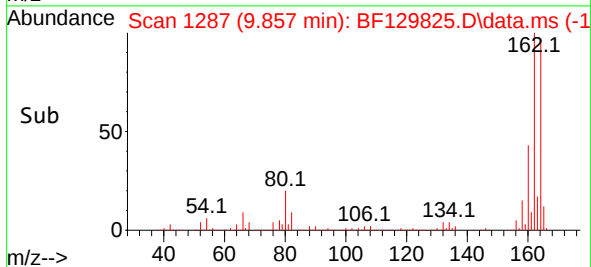
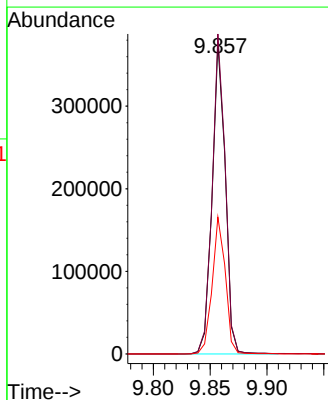
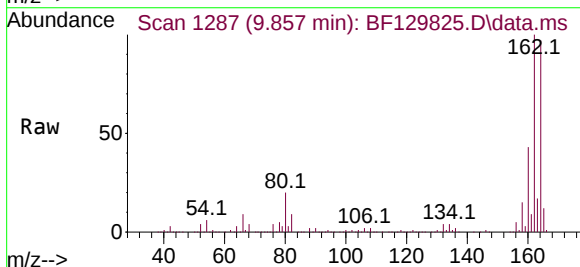
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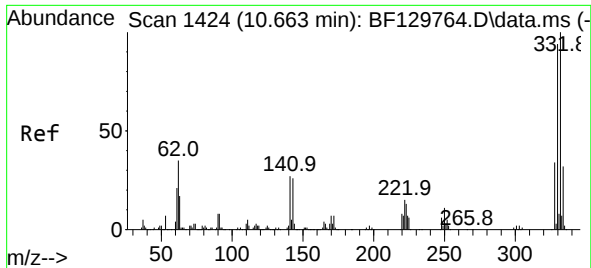
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

Tgt Ion:164 Resp: 302619
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 44.0 35.4 53.0





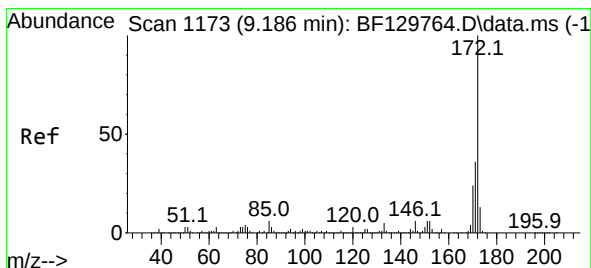
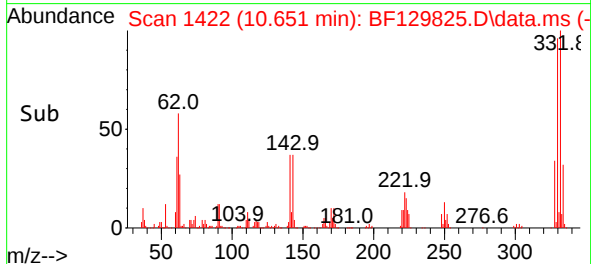
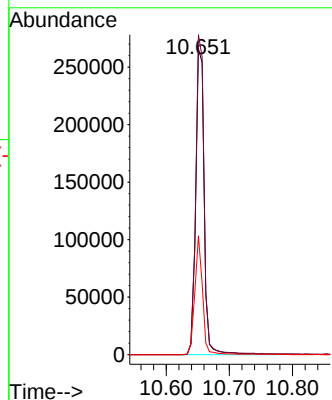
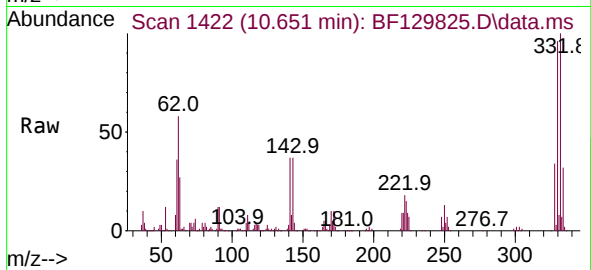
#42
2,4,6-Tribromophenol
Concen: 82.497 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

Instrument :
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ClientSampleId :
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Tgt Ion: 330 Resp: 250562
Ion Ratio Lower Upper
330 100
332 102.7 82.6 124.0
141 35.0 27.6 41.4

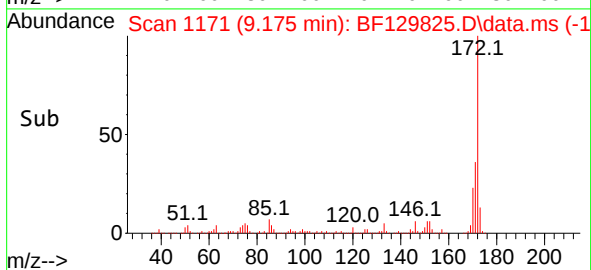
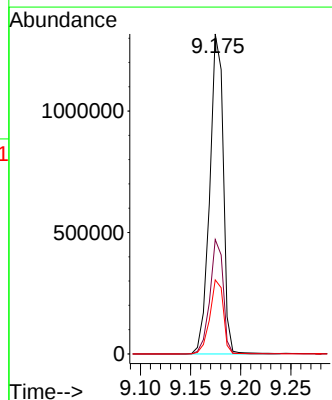
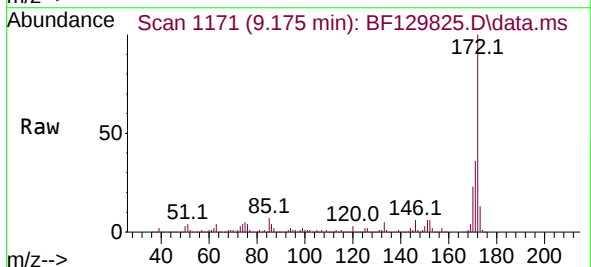
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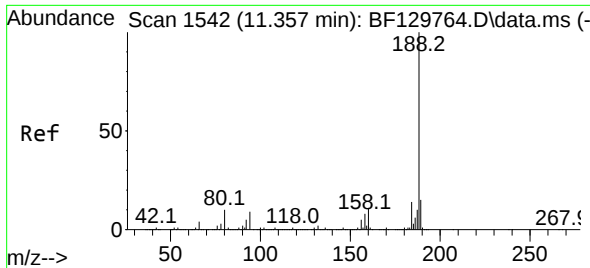
Reviewed By : Christian Giraldo 08/17/2022
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#45
2-Fluorobiphenyl
Concen: 61.876 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

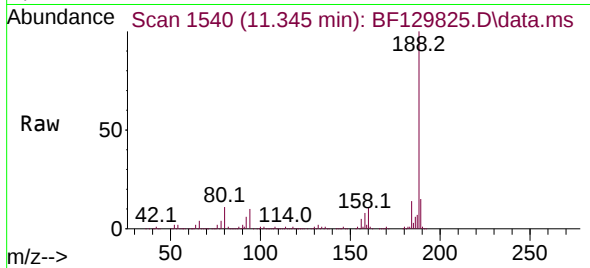
Tgt Ion: 172 Resp: 1232860
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

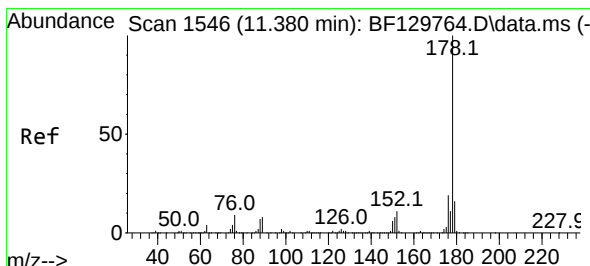
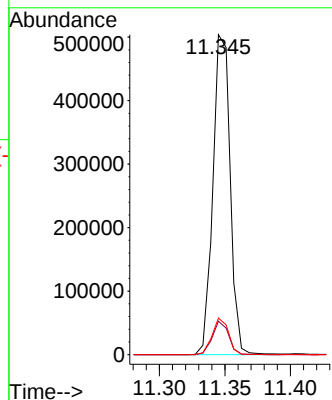
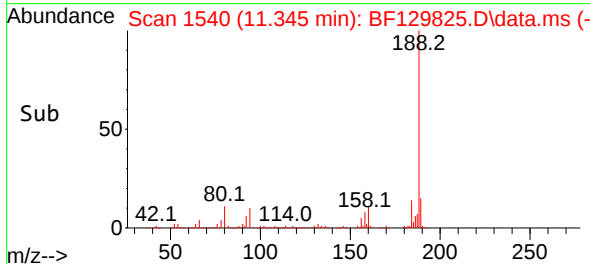
Instrument :
BNA_F
ClientSampleId :
WC-3



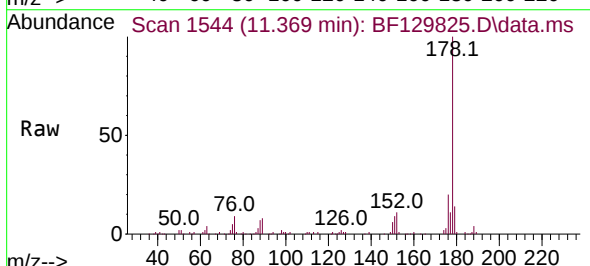
Tgt Ion:188 Resp: 462540
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.4 7.9 11.9

Manual Integrations
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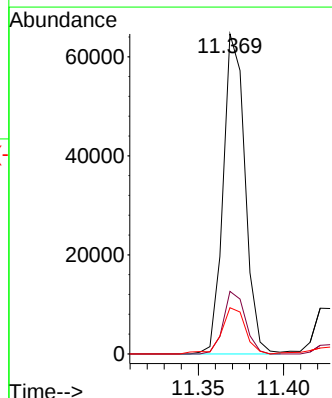
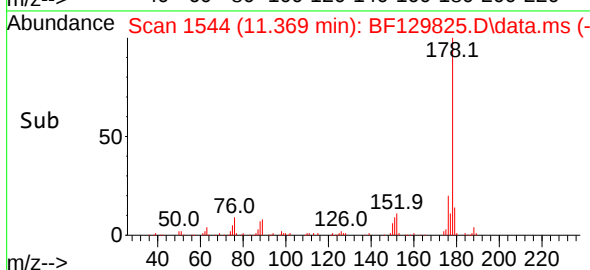
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Supervised By :Jagrut Upadhyay 08/17/2022

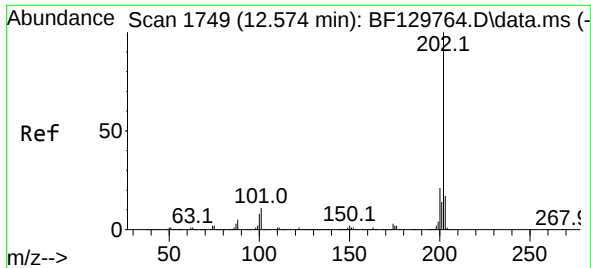


#71
Phenanthrene
Concen: 2.227 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56



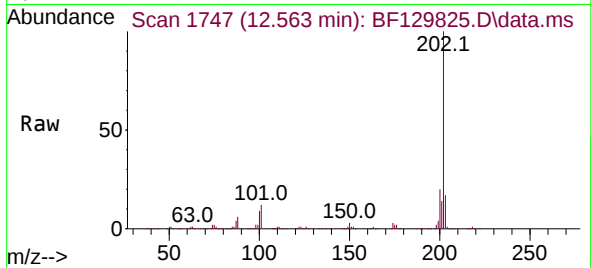
Tgt Ion:178 Resp: 57530
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.4 12.5 18.7





#75
Fluoranthene
Concen: 5.898 ng
RT: 12.563 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

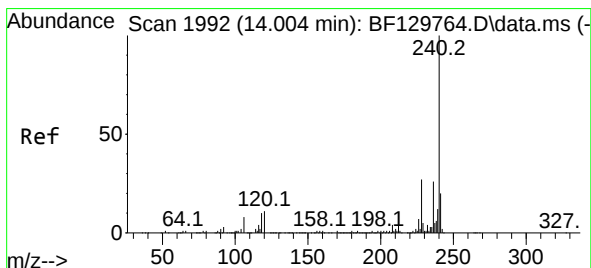
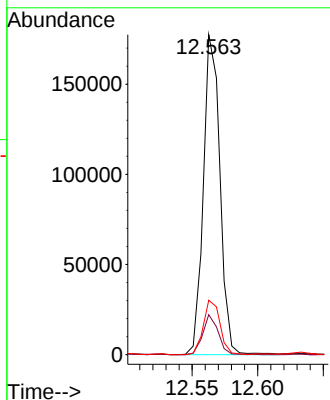
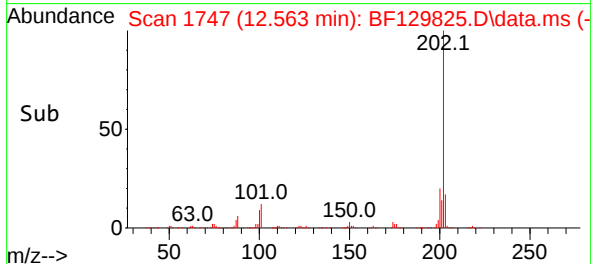
Instrument :
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WC-3



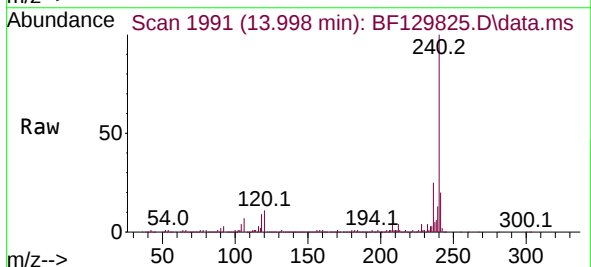
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Ion Ratio Lower Upper
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101 12.5 0.0 30.7
203 17.0 0.0 37.5

Manual Integrations
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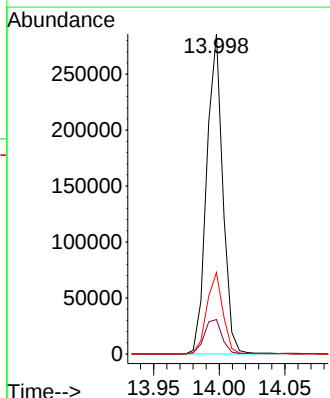
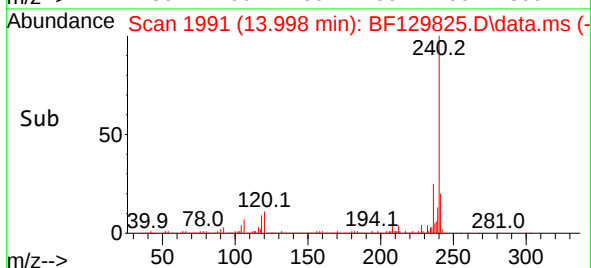
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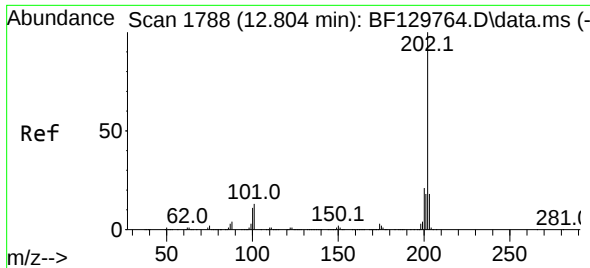


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56



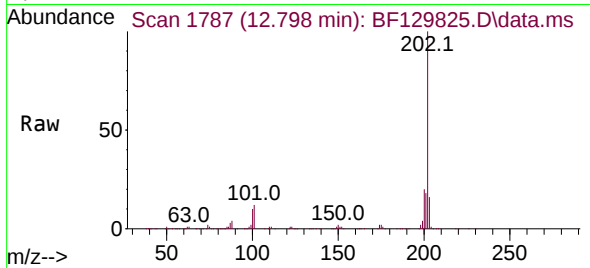
Tgt Ion:240 Resp: 243668
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.4 20.7 31.1





#78
Pyrene
Concen: 6.500 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

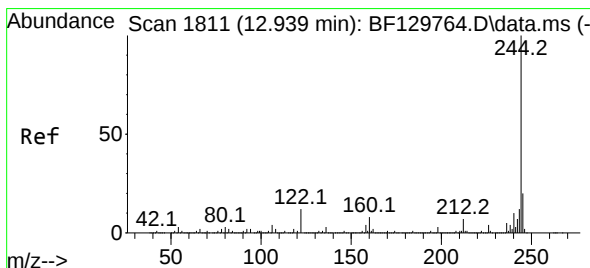
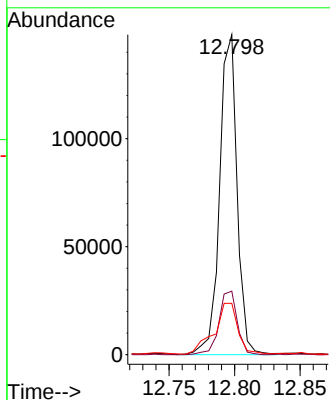
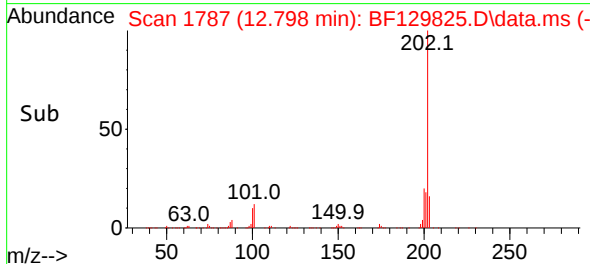
Instrument :
BNA_F
ClientSampleId :
WC-3



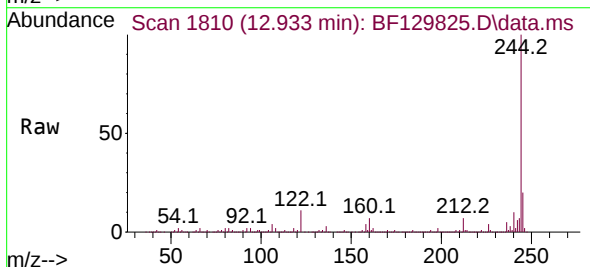
Tgt Ion:202 Resp: 137630
Ion Ratio Lower Upper
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203 16.0 14.1 21.1

Manual Integrations
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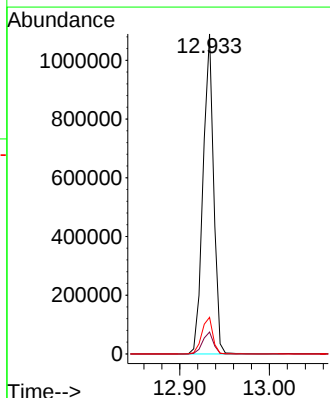
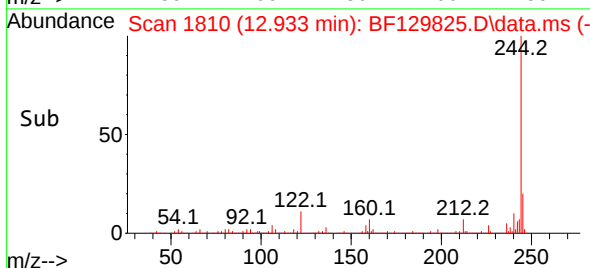
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Supervised By :Jagrut Upadhyay 08/17/2022

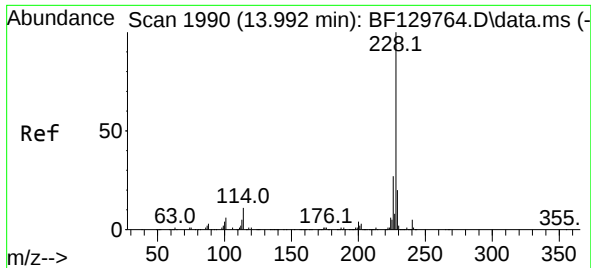


#79
Terphenyl-d14
Concen: 60.808 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56



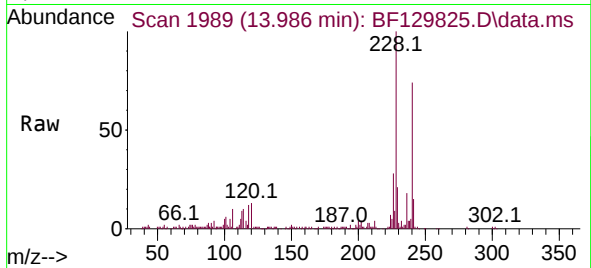
Tgt Ion:244 Resp: 890481
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.4 9.9 14.9





#81
Benzo(a)anthracene
Concen: 3.594 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

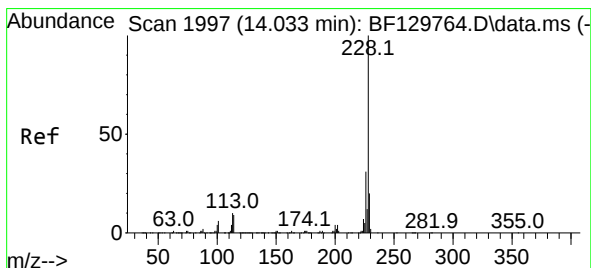
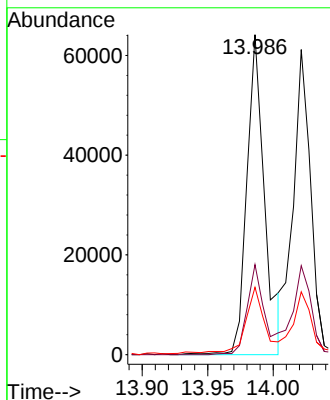
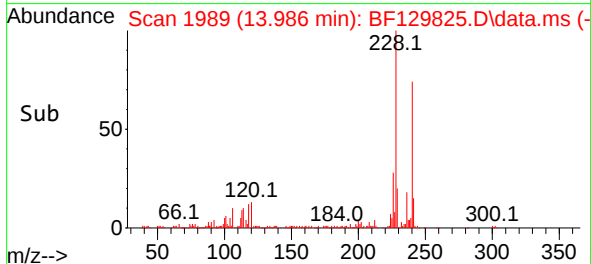
Instrument :
BNA_F
ClientSampleId :
WC-3



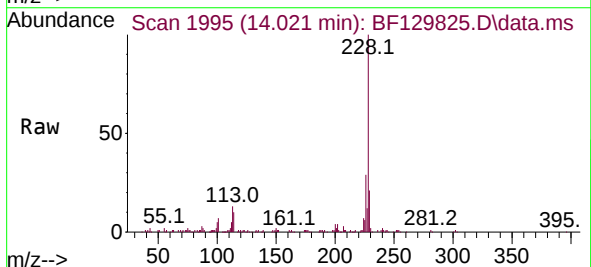
Tgt Ion:228 Resp: 60239
Ion Ratio Lower Upper
228 100
226 28.1 21.4 32.0
229 21.0 16.1 24.1

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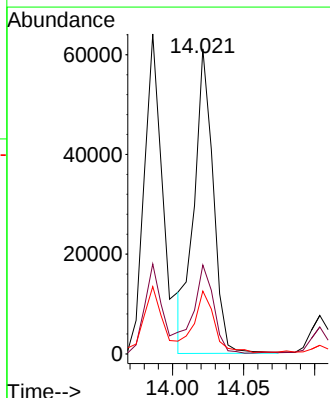
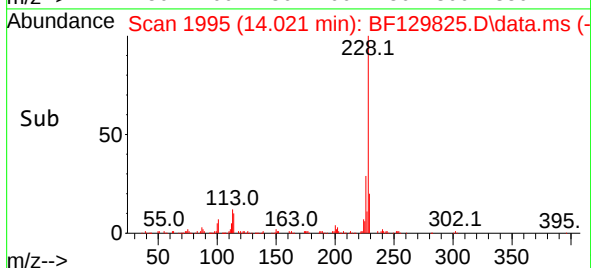
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

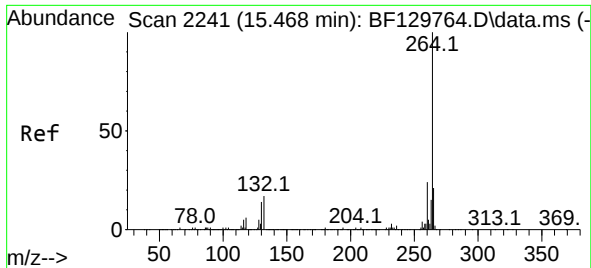


#83
Chrysene
Concen: 3.639 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56



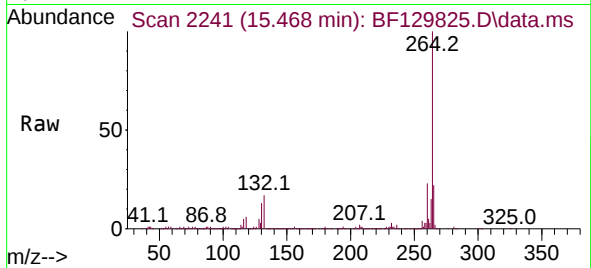
Tgt Ion:228 Resp: 57094
Ion Ratio Lower Upper
228 100
226 29.2 24.4 36.6
229 20.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

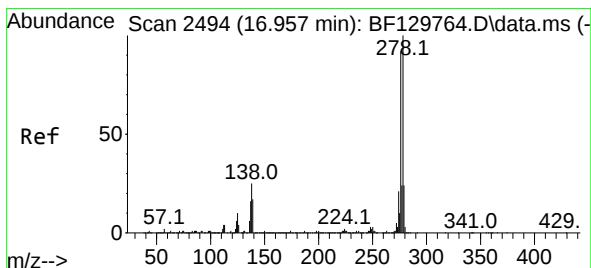
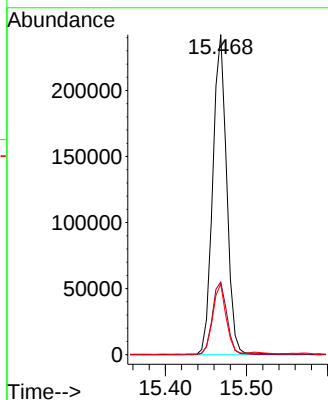
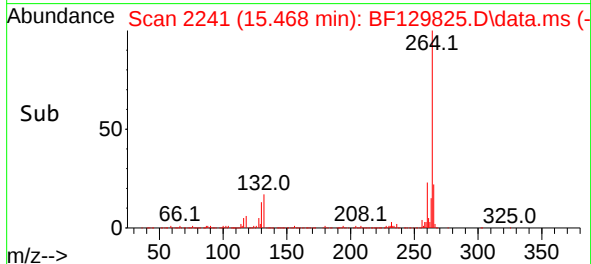
Instrument :
BNA_F
ClientSampleId :
WC-3



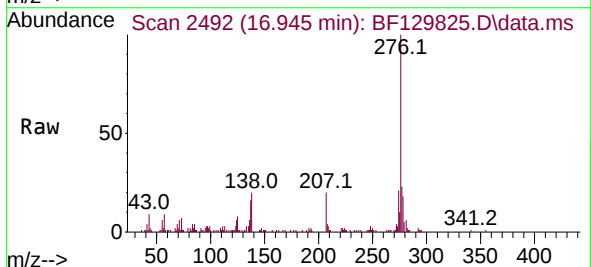
Tgt Ion:264 Resp: 28889
Ion Ratio Lower Upper
264 100
260 22.7 19.1 28.7
265 22.1 16.7 25.1

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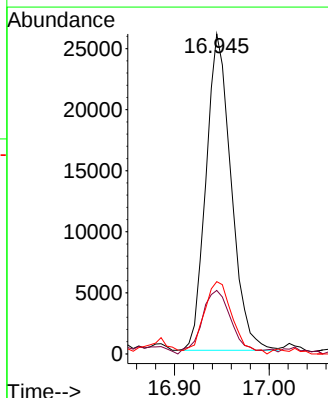
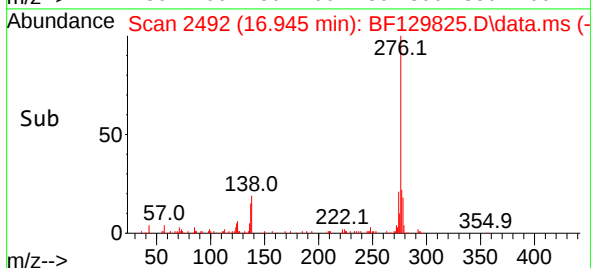
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

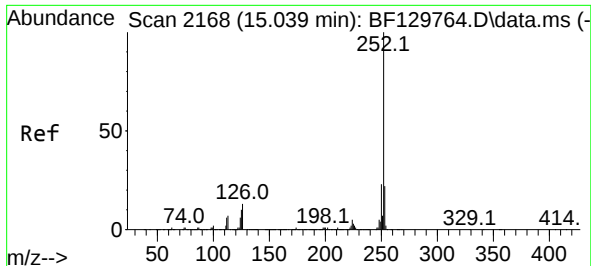


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.420 ng
RT: 16.945 min Scan# 2492
Delta R.T. -0.012 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56



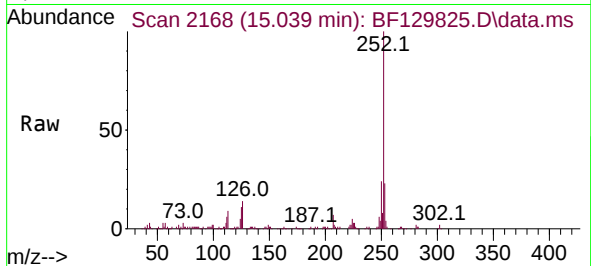
Tgt Ion:276 Resp: 47996
Ion Ratio Lower Upper
276 100
138 23.4 19.8 29.8
277 25.5 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 4.572 ng m
RT: 15.039 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

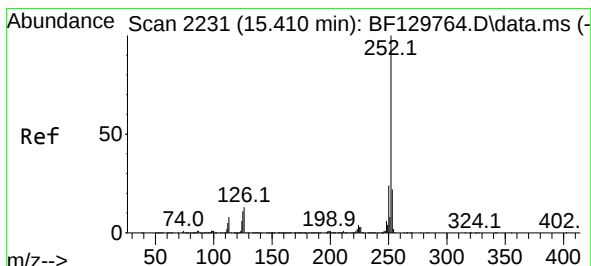
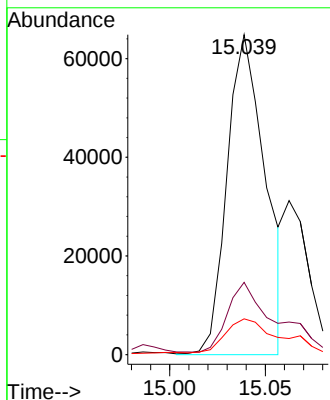
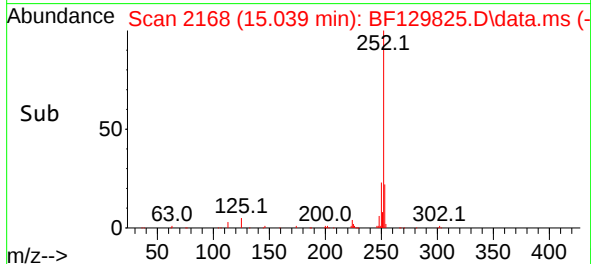
Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:252 Resp: 9044
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.2 8.3 12.5

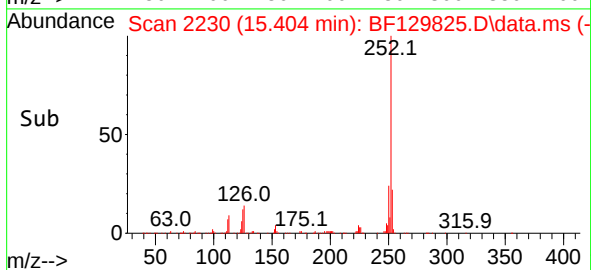
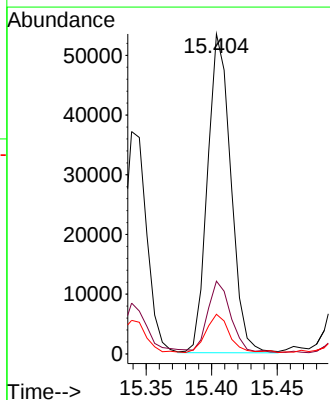
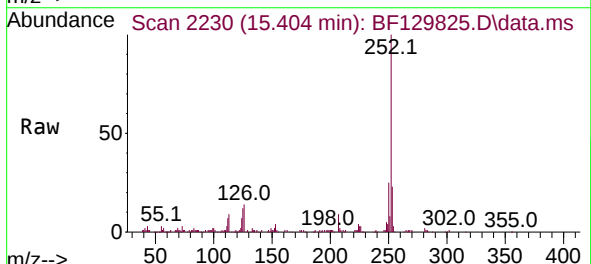
Manual Integrations
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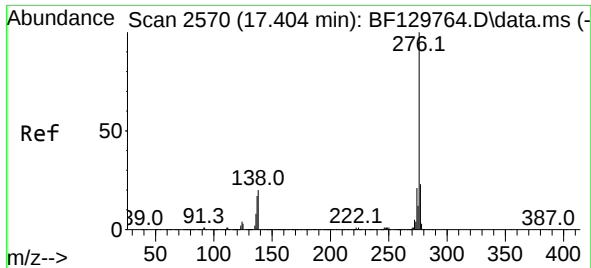
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#90
Benzo(a)pyrene
Concen: 4.254 ng
RT: 15.404 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BF129825.D
Acq: 16 Aug 2022 22:56

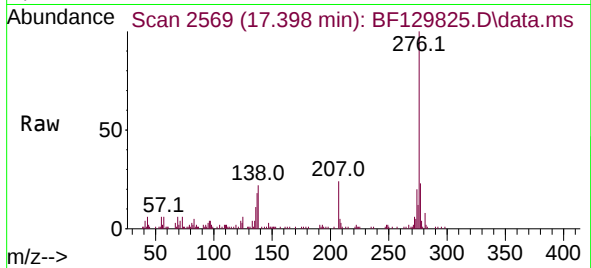
Tgt Ion:252 Resp: 66263
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 12.4 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.905 ng
 RT: 17.398 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129825.D
 Acq: 16 Aug 2022 22:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-3



Tgt Ion: 276 Resp: 47434
 Ion Ratio Lower Upper
 276 100
 277 22.7 18.2 27.4
 138 21.7 15.8 23.8

Manual Integrations
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Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

