

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128000.D
 Acq On : 29 Apr 2022 17:44
 Operator : CG\JU
 Sample : N2609-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

Quant Time: May 02 00:57:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	112976	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	435695	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	243187	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	415782	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	233203	20.000	ng	-0.02
86) Perylene-d12	15.609	264	233212	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	759067	107.016	ng	0.00
7) Phenol-d6	6.551	99	999588	108.608	ng	-0.01
23) Nitrobenzene-d5	7.486	82	726754	78.438	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	274694	112.208	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1199156	83.420	ng	-0.01
79) Terphenyl-d14	13.045	244	1089417	85.422	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.480	178	134271	6.169	ng	98
75) Fluoranthene	12.668	202	190224	8.304	ng	100
78) Pyrene	12.898	202	171876	9.130	ng	100
81) Benzo(a)anthracene	14.092	228	64993	4.181	ng	96
83) Chrysene	14.127	228	68604	4.621	ng	97
87) Indeno(1,2,3-cd)pyrene	17.133	276	38495	2.473	ng	95
88) Benzo(b)fluoranthene	15.162	252	90104m	6.151	ng	
90) Benzo(a)pyrene	15.539	252	59992	4.938	ng	97
92) Benzo(g,h,i)perylene	17.598	276	38624	2.936	ng	99

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

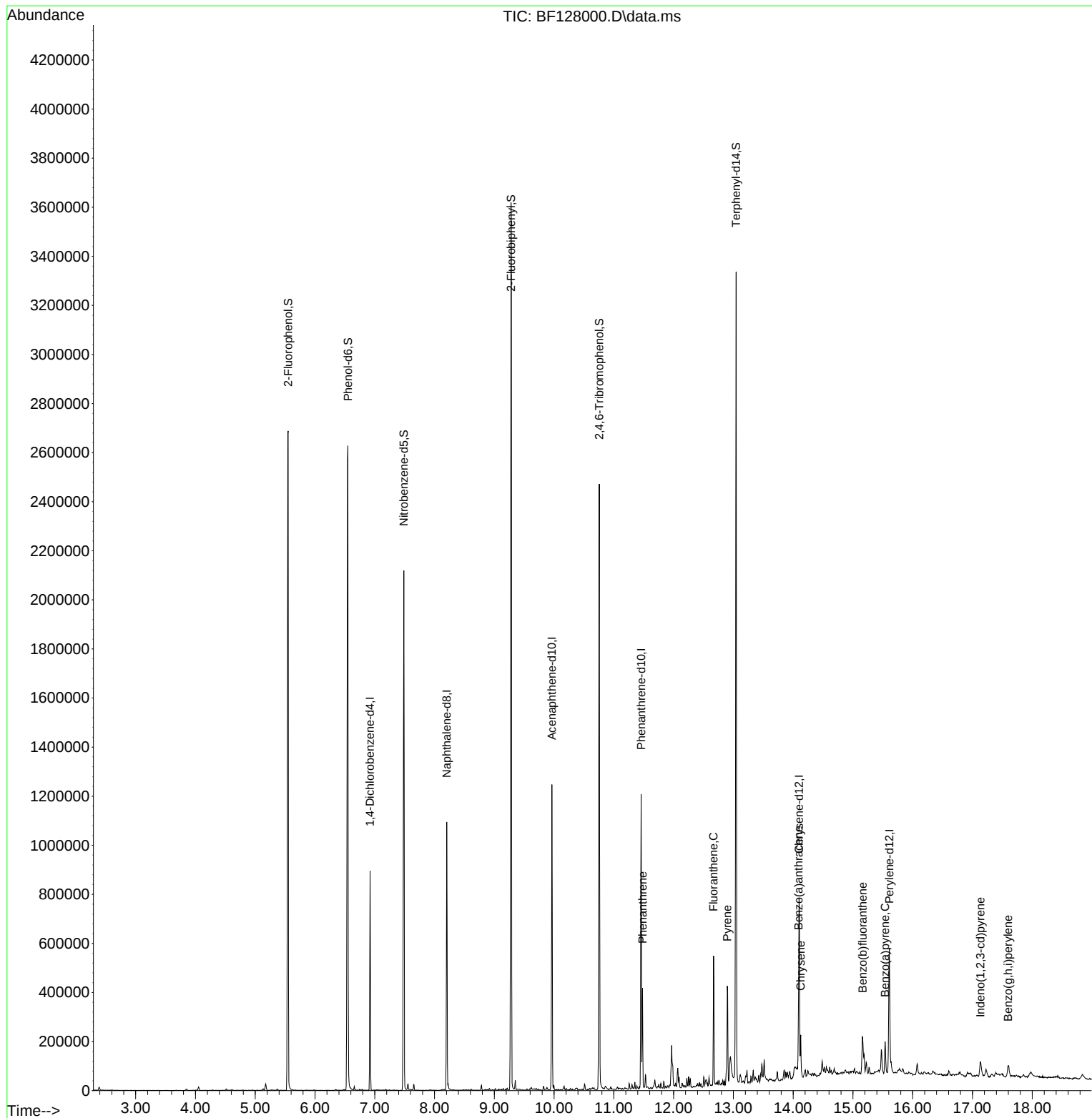
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128000.D
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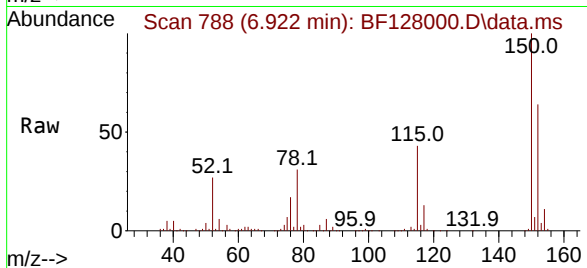
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

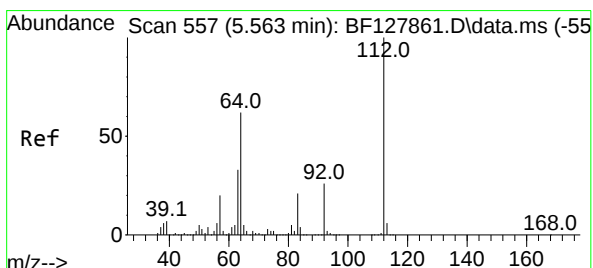
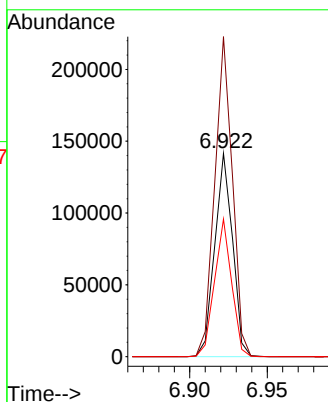
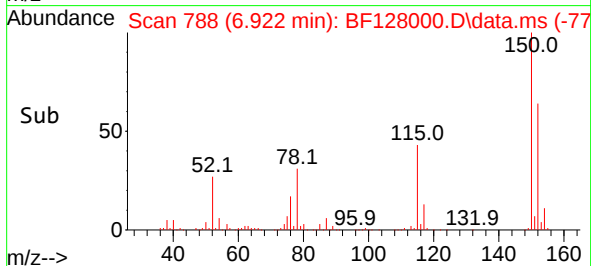
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:152 Resp: 112970
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 67.6 48.8 73.2

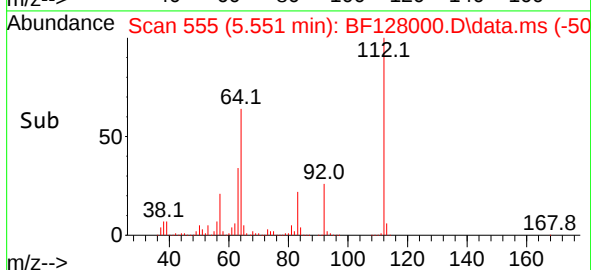
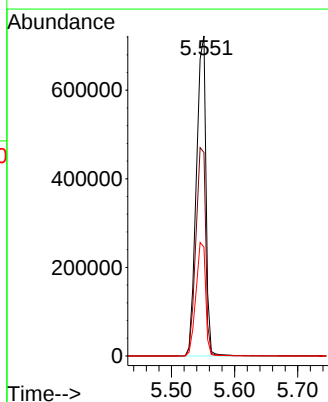
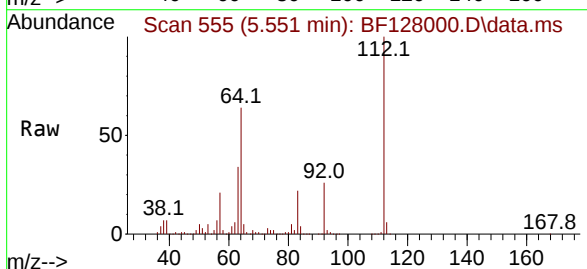
Manual Integrations
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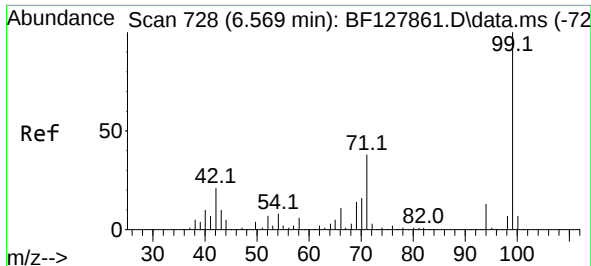
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#5
2-Fluorophenol
Concen: 107.016 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

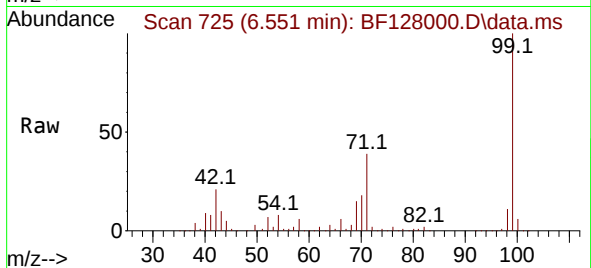
Tgt Ion:112 Resp: 759067
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 34.0 26.3 39.5





#7
Phenol-d6
Concen: 108.608 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

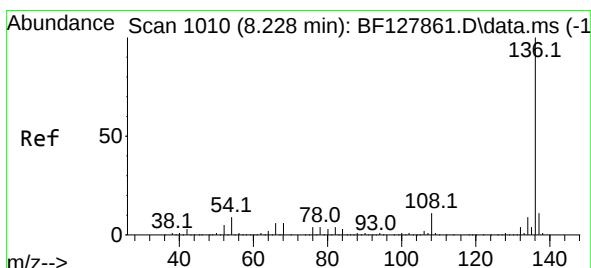
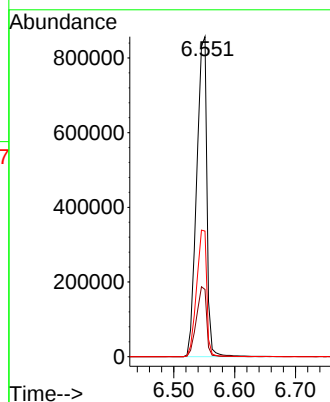
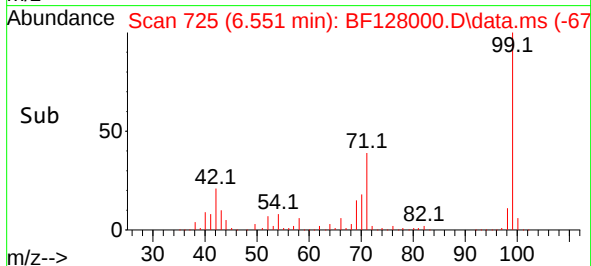
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion: 99 Resp: 999588
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 39.2 30.0 45.0

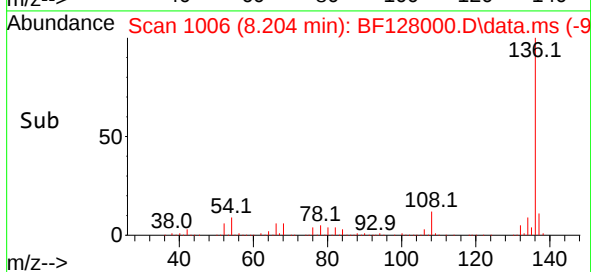
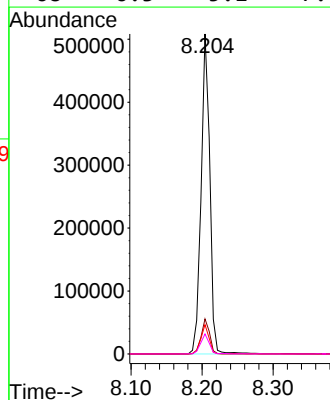
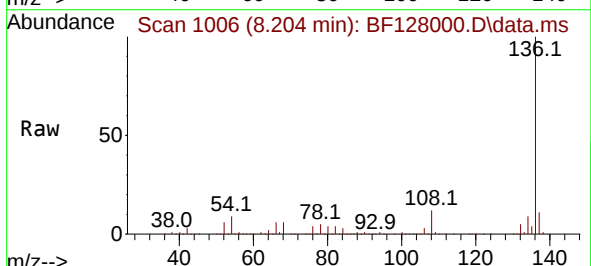
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

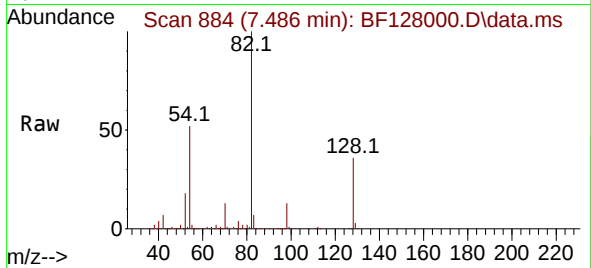
Tgt Ion:136 Resp: 435695
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 6.8 10.2
68 6.3 5.1 7.7





#23
Nitrobenzene-d5
Concen: 78.438 ng
RT: 7.486 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

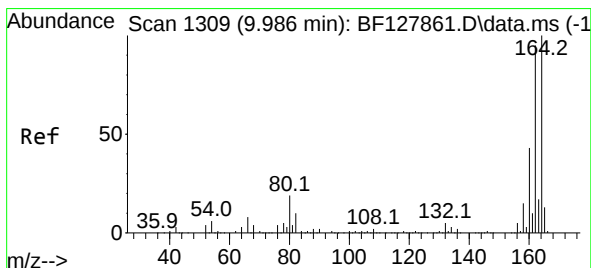
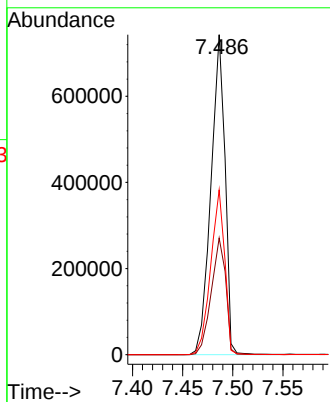
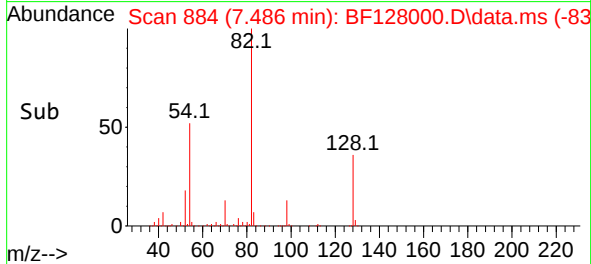
Instrument :
BNA_F
ClientSampleId :
WC-2



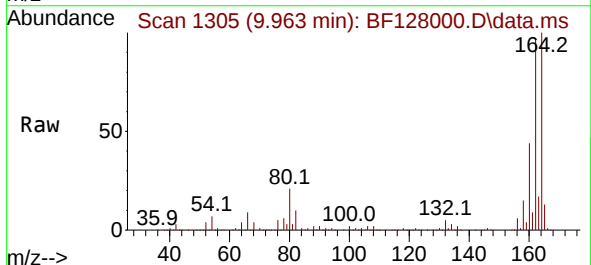
Tgt Ion: 82 Resp: 726754
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 51.5 41.3 61.9

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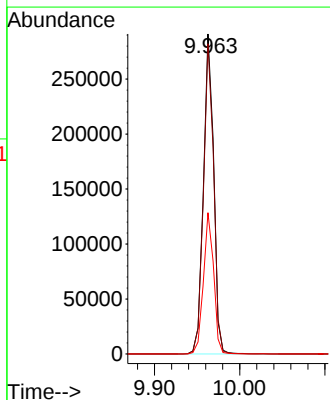
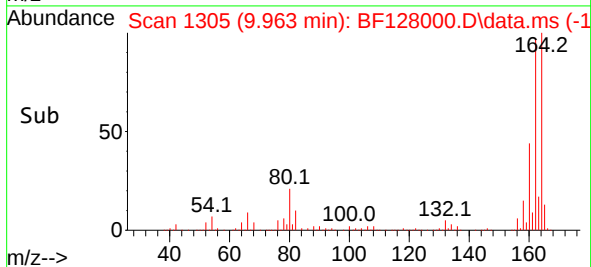
Reviewed By :Christian Giraldo 05/02/2022
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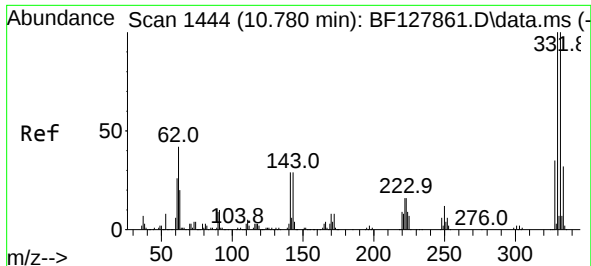


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44



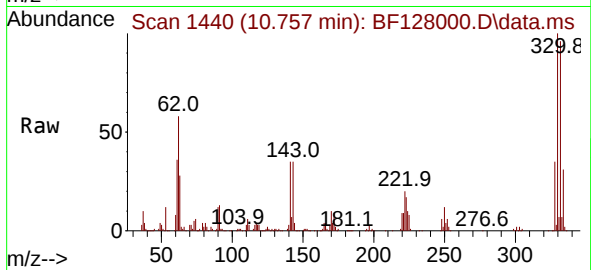
Tgt Ion:164 Resp: 243187
Ion Ratio Lower Upper
164 100
162 96.9 76.0 114.0
160 44.2 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 112.208 ng
RT: 10.757 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

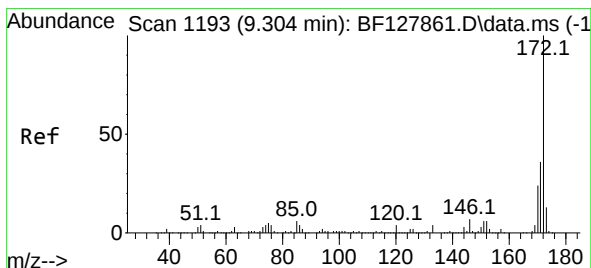
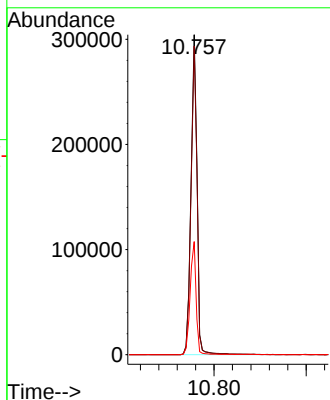
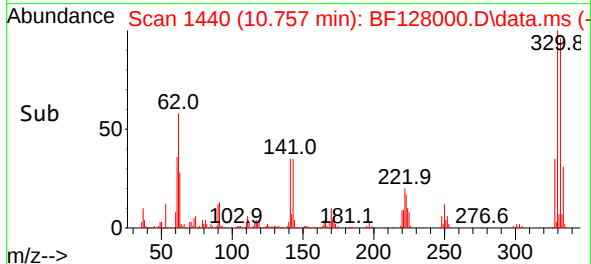
Instrument :
BNA_F
ClientSampleId :
WC-2



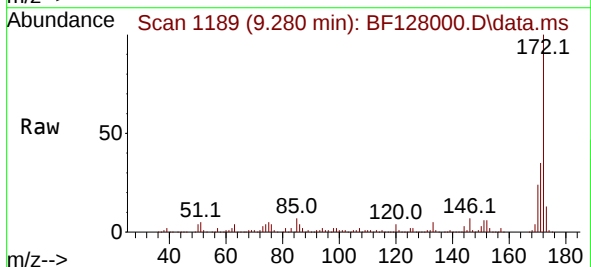
Tgt Ion: 330 Resp: 274694
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 35.1 28.9 43.3

Manual Integrations
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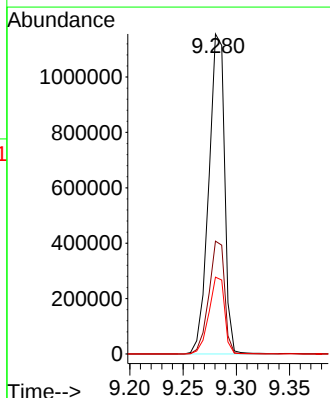
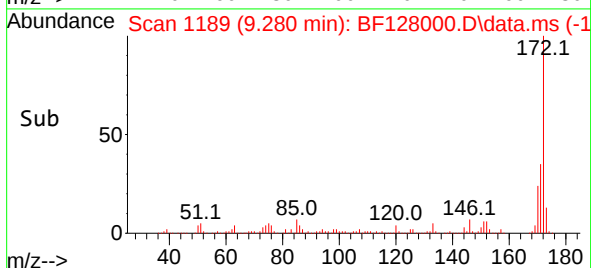
Reviewed By : Christian Giraldo 05/02/2022
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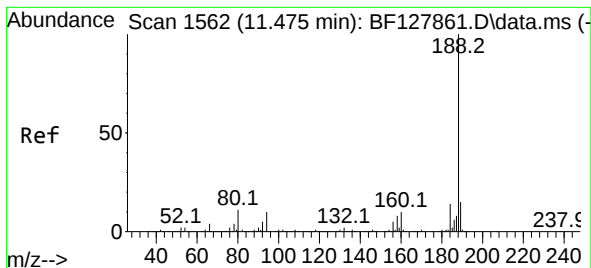


#45
2-Fluorobiphenyl
Concen: 83.420 ng
RT: 9.280 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44



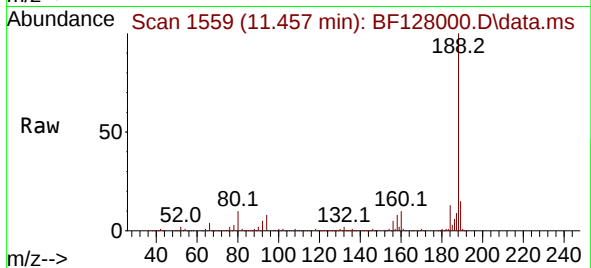
Tgt Ion: 172 Resp: 1199156
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 24.0 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

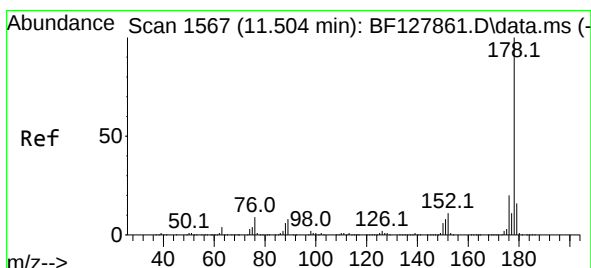
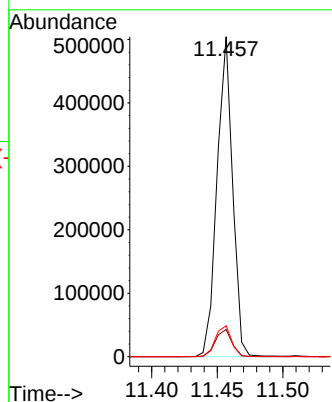
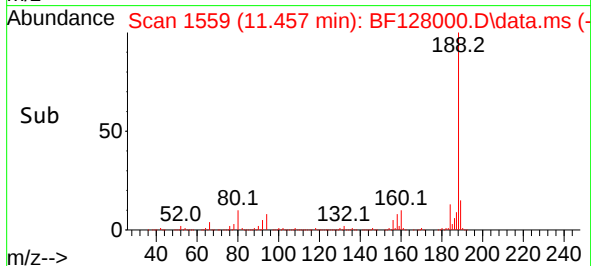
Instrument :
BNA_F
ClientSampleId :
WC-2



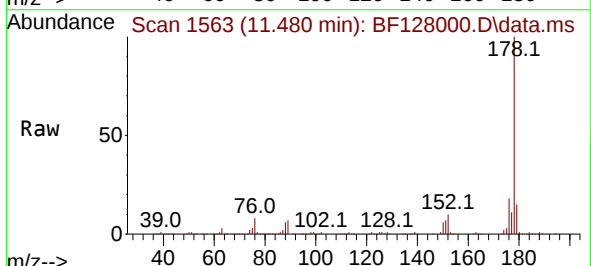
Tgt Ion:188 Resp: 41578
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.6 8.9 13.3

Manual Integrations
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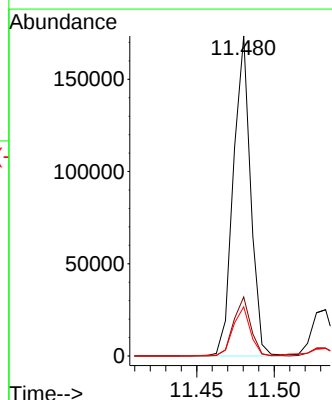
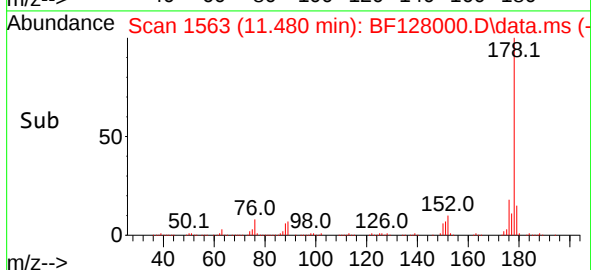
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

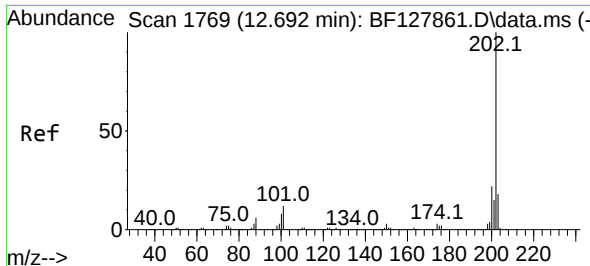


#71
Phenanthrene
Concen: 6.169 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44



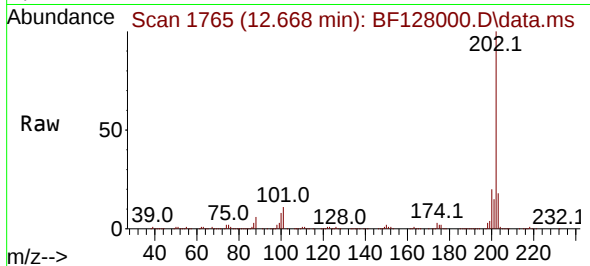
Tgt Ion:178 Resp: 134271
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.4 12.6 19.0





#75
Fluoranthene
Concen: 8.304 ng
RT: 12.668 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

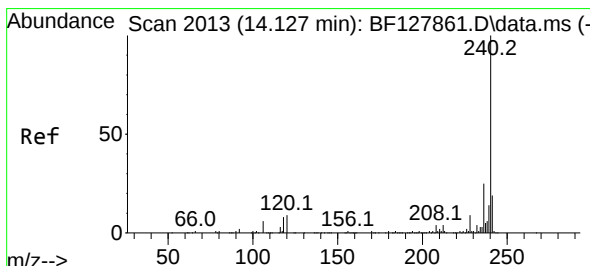
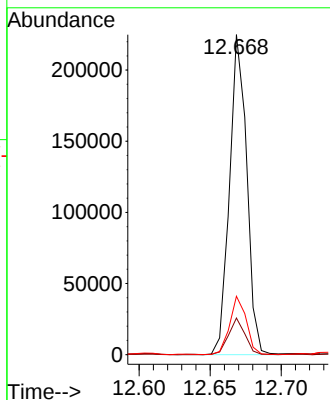
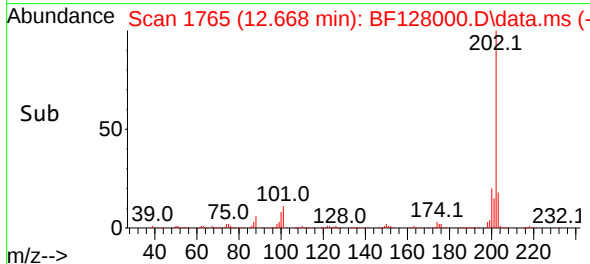
Instrument :
BNA_F
ClientSampleId :
WC-2



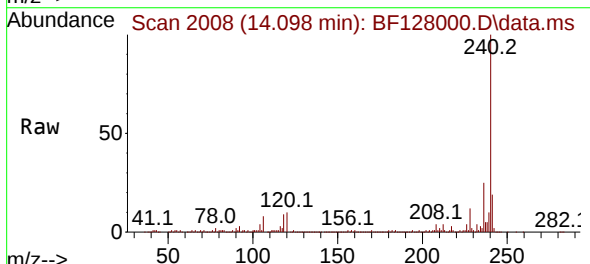
Tgt Ion:202 Resp: 190224
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.6
203 18.3 0.0 38.1

Manual Integrations
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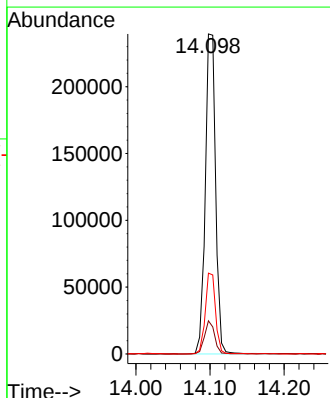
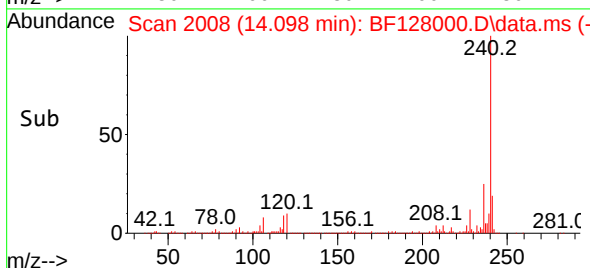
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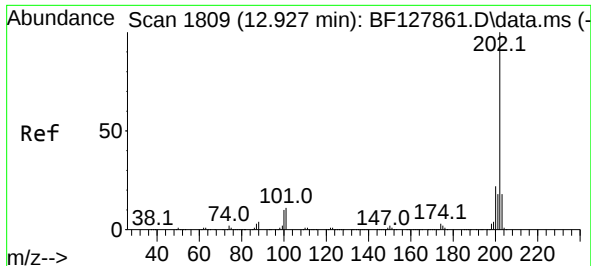


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44



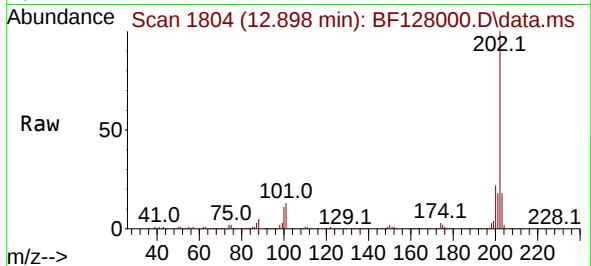
Tgt Ion:240 Resp: 233203
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.3 20.3 30.5





#78
Pyrene
Concen: 9.130 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

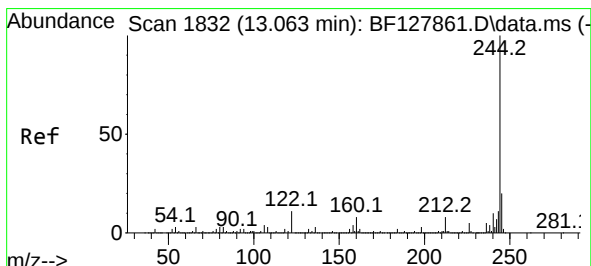
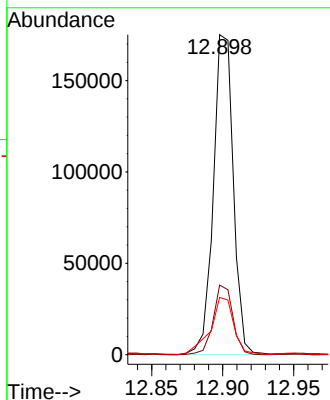
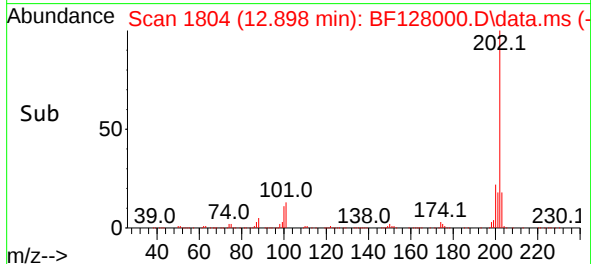
Instrument :
BNA_F
ClientSampleId :
WC-2



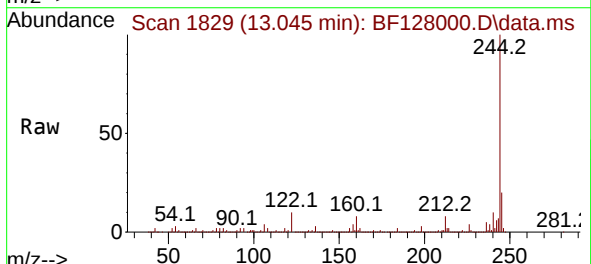
Tgt Ion:202 Resp: 171870
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.0 21.0

Manual Integrations
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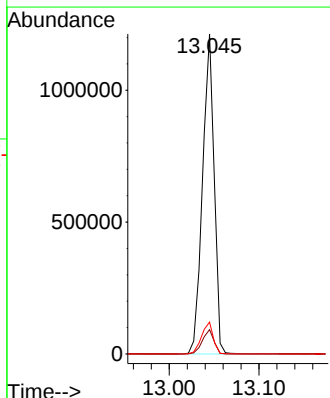
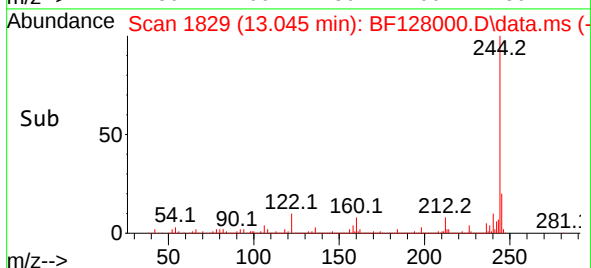
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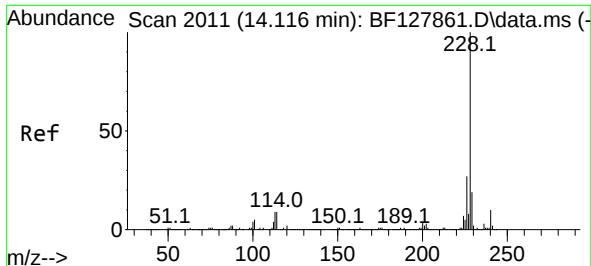


#79
Terphenyl-d14
Concen: 85.422 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44



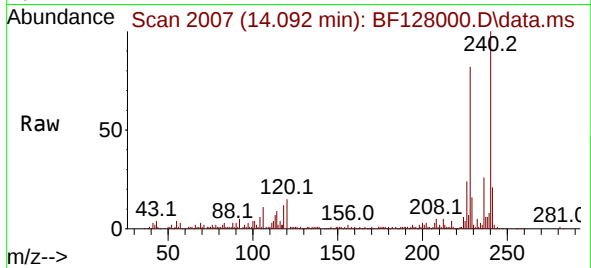
Tgt Ion:244 Resp: 1089417
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.9 8.6 12.8





#81
Benzo(a)anthracene
Concen: 4.181 ng
RT: 14.092 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

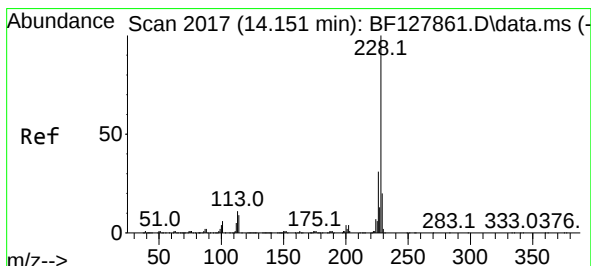
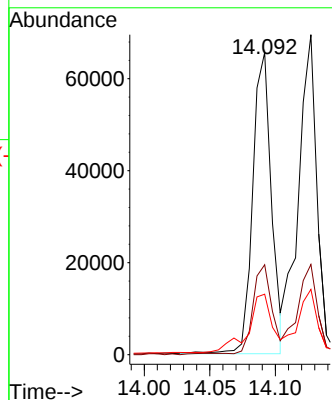
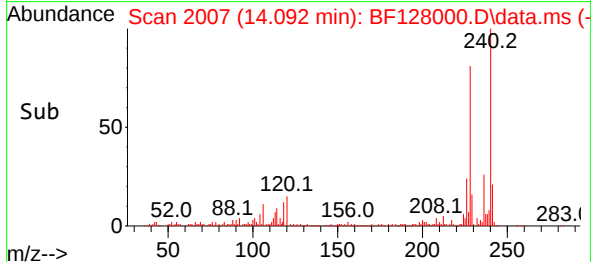
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:228 Resp: 6499
Ion Ratio Lower Upper
228 100
226 29.7 21.7 32.5
229 20.0 15.4 23.2

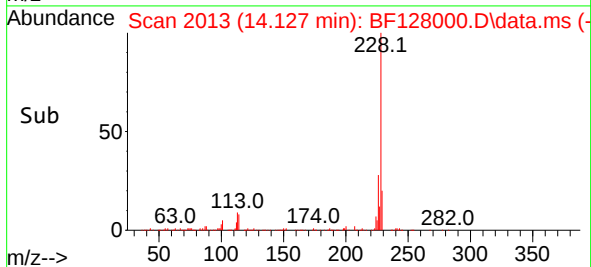
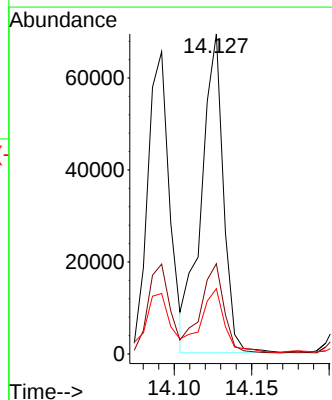
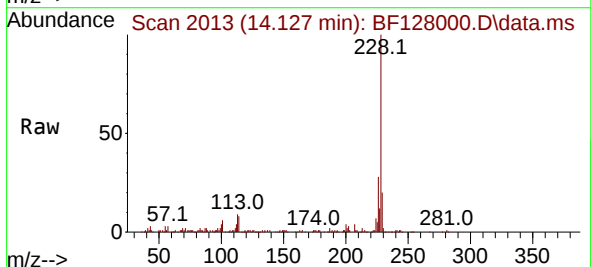
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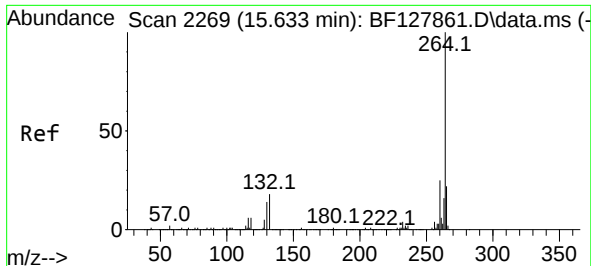
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#83
Chrysene
Concen: 4.621 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

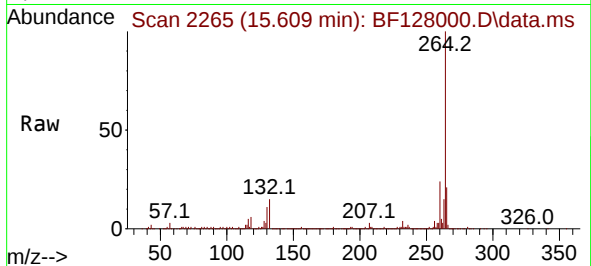
Tgt Ion:228 Resp: 68604
Ion Ratio Lower Upper
228 100
226 28.2 24.4 36.6
229 20.4 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.609 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44

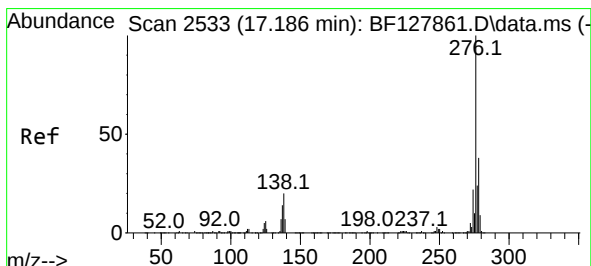
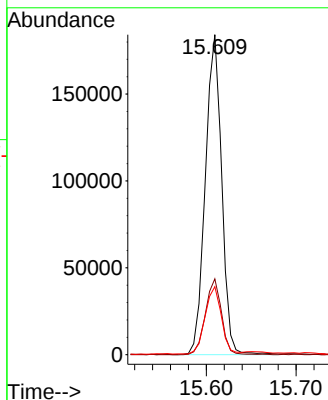
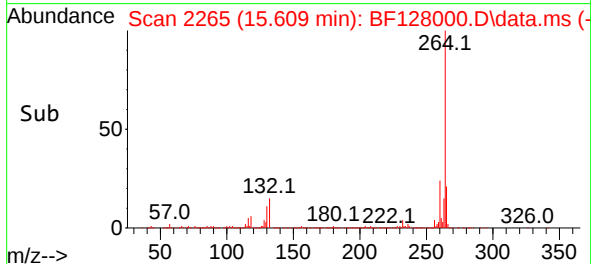
Instrument :
BNA_F
ClientSampleId :
WC-2



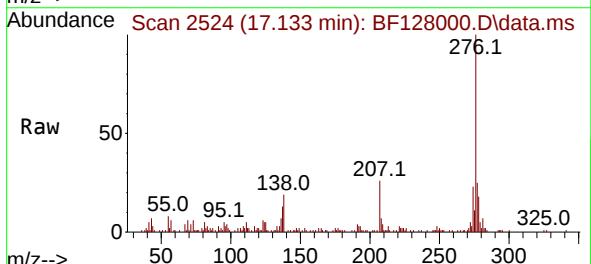
Tgt Ion:264 Resp: 23321
Ion Ratio Lower Upper
264 100
260 23.7 20.1 30.1
265 21.3 17.5 26.3

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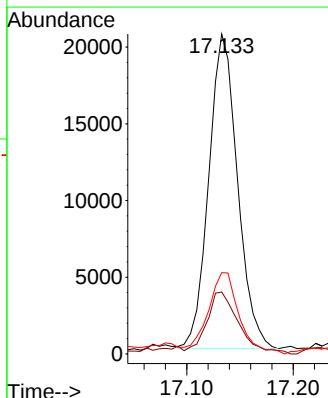
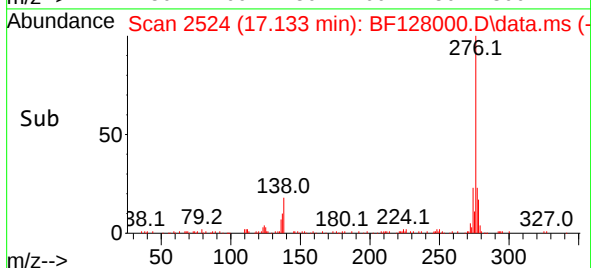
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

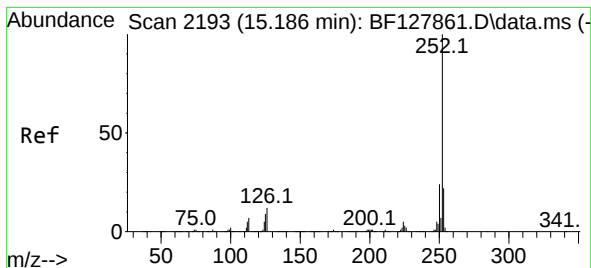


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.473 ng
RT: 17.133 min Scan# 2524
Delta R.T. -0.035 min
Lab File: BF128000.D
Acq: 29 Apr 2022 17:44



Tgt Ion:276 Resp: 38495
Ion Ratio Lower Upper
276 100
138 21.9 19.0 28.4
277 28.3 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 6.151 ng m

RT: 15.162 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF128000.D

Acq: 29 Apr 2022 17:44

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion:252 Resp: 90104

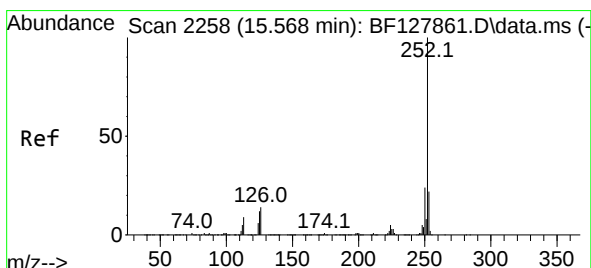
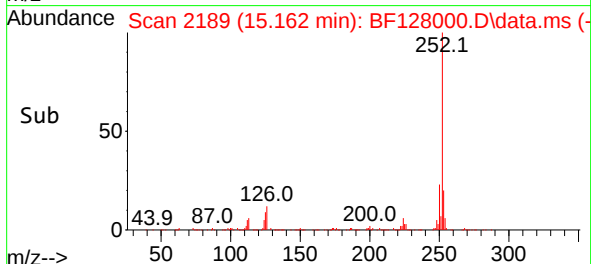
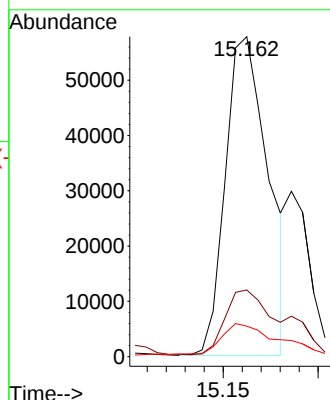
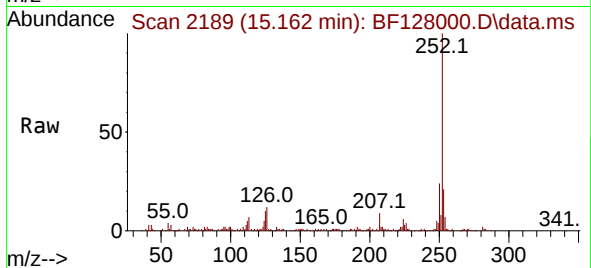
Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.2
125	9.5	7.4	11.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#90

Benzo(a)pyrene

Concen: 4.938 ng

RT: 15.539 min Scan# 2253

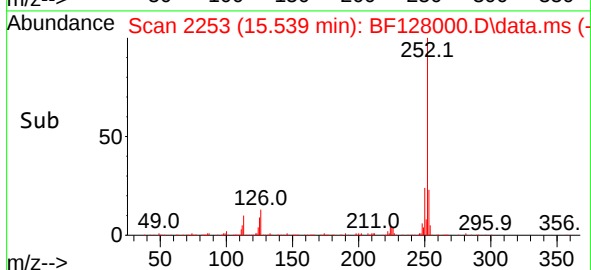
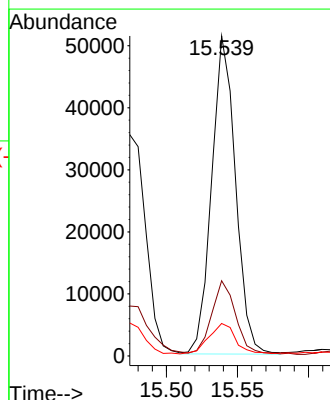
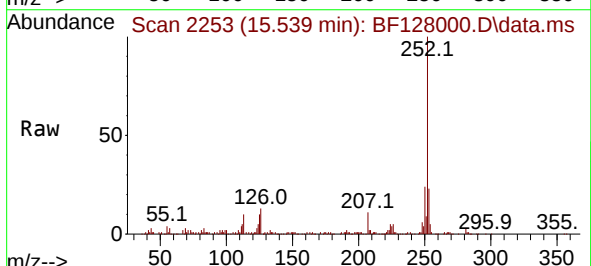
Delta R.T. -0.018 min

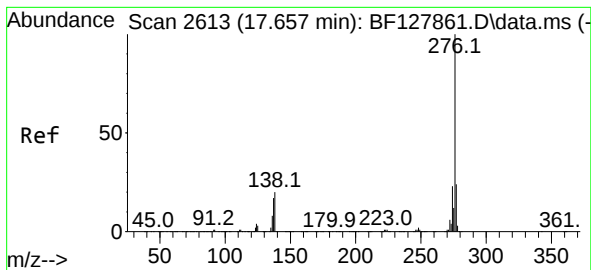
Lab File: BF128000.D

Acq: 29 Apr 2022 17:44

Tgt Ion:252 Resp: 59992

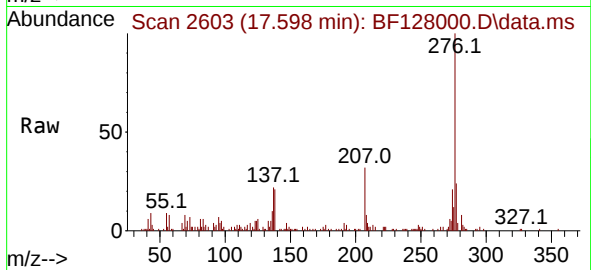
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	10.2	9.2	13.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.936 ng
 RT: 17.598 min Scan# 20
 Delta R.T. -0.041 min
 Lab File: BF128000.D
 Acq: 29 Apr 2022 17:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-2



Tgt Ion:	276	Resp:	38624
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	21.0	16.2	24.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022

