

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128058.D
 Acq On : 03 May 2022 21:06
 Operator : CG\JU
 Sample : N2659-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22L097-A

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 04:28:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	78201	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	280653	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	130421	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	206784	20.000	ng	0.00
76) Chrysene-d12	14.098	240	171909	20.000	ng	0.00
86) Perylene-d12	15.609	264	130170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	17223	3.508	ng	0.00
7) Phenol-d6	6.539	99	312545	49.060	ng	-0.01
23) Nitrobenzene-d5	7.481	82	441017	73.894	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	345	0.263	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	680979	88.332	ng	0.00
79) Terphenyl-d14	13.039	244	677280	72.041	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.474	178	109452	10.112	ng	98
75) Fluoranthene	12.668	202	137905	12.105	ng	95
78) Pyrene	12.898	202	143459	10.338	ng	98
81) Benzo(a)anthracene	14.086	228	67635	5.903	ng	99
83) Chrysene	14.121	228	60464	5.525	ng	95
88) Benzo(b)fluoranthene	15.157	252	61126m	7.476	ng	
90) Benzo(a)pyrene	15.539	252	39190	5.779	ng	# 89

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

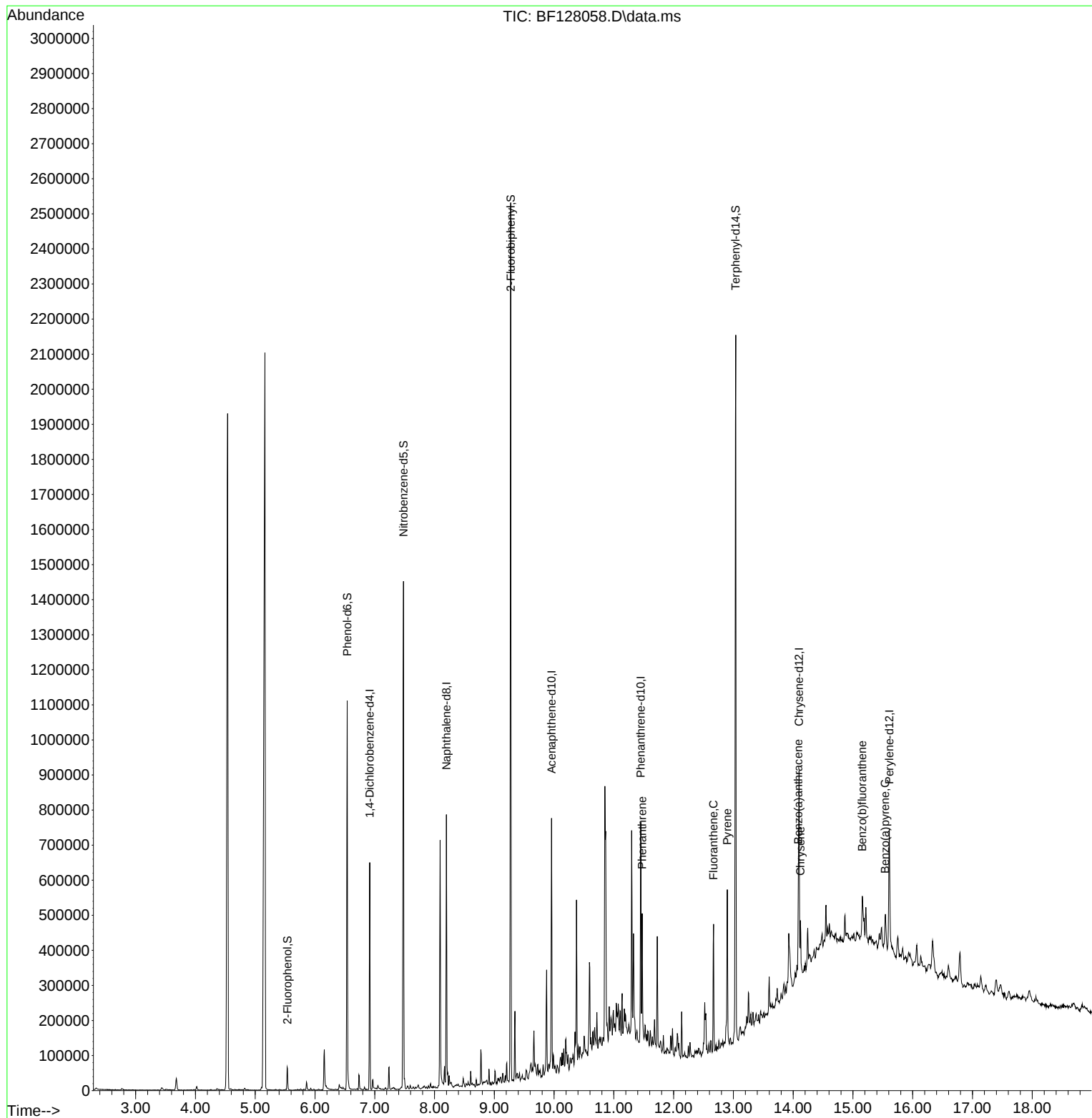
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128058.D
Acq On : 03 May 2022 21:06
Operator : CG\JU
Sample : N2659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

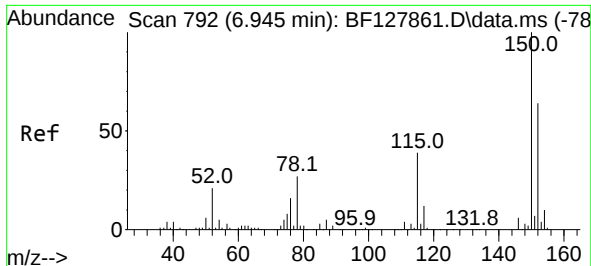
Instrument :
BNA_F
ClientSampleId :
22L097-A

Quant Time: May 04 04:28:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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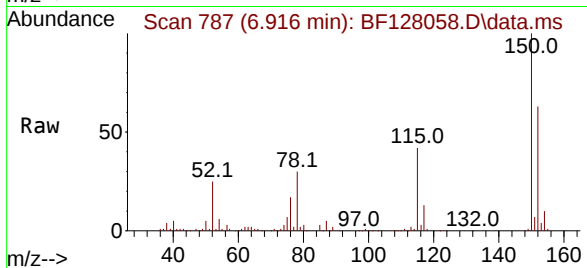
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

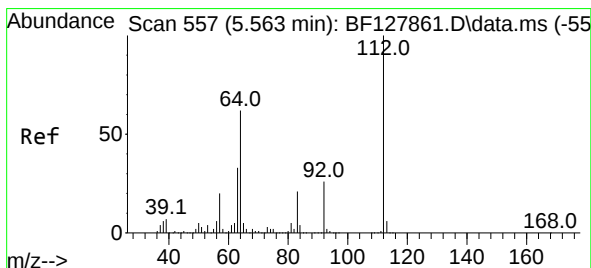
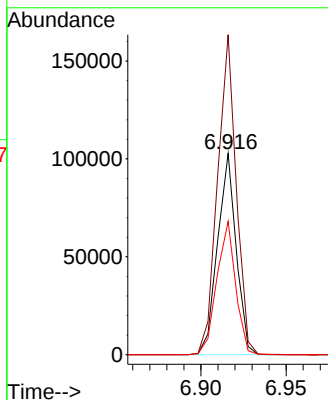
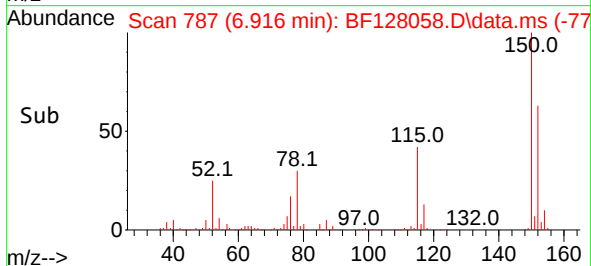
Instrument :
BNA_F
ClientSampleId :
22L097-A



Tgt Ion:152 Resp: 7820
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 66.3 48.8 73.2

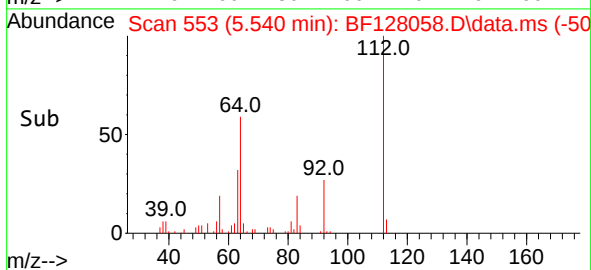
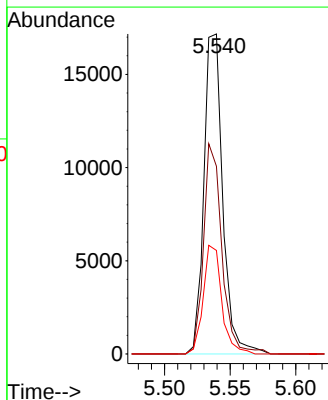
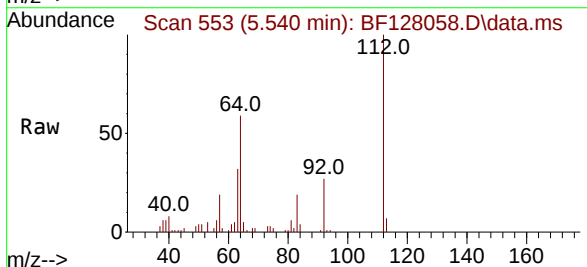
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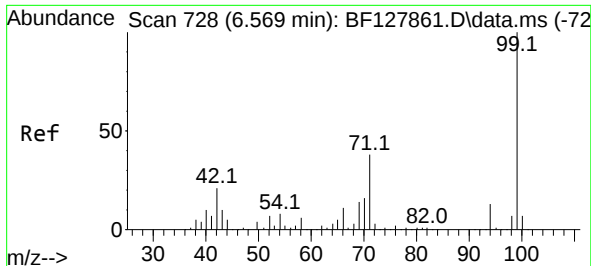
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#5
2-Fluorophenol
Concen: 3.508 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

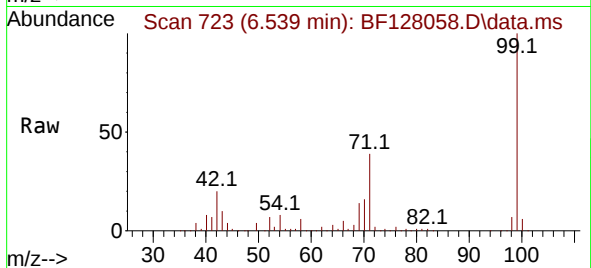
Tgt Ion:112 Resp: 17223
Ion Ratio Lower Upper
112 100
64 58.6 49.5 74.3
63 32.3 26.3 39.5





#7
Phenol-d6
Concen: 49.060 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

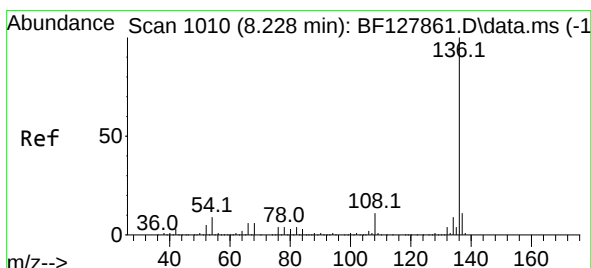
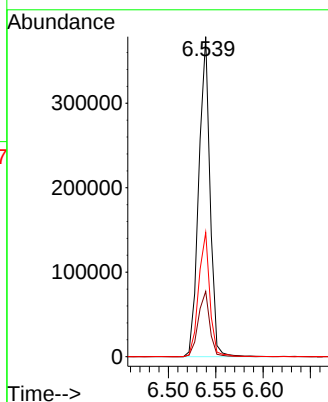
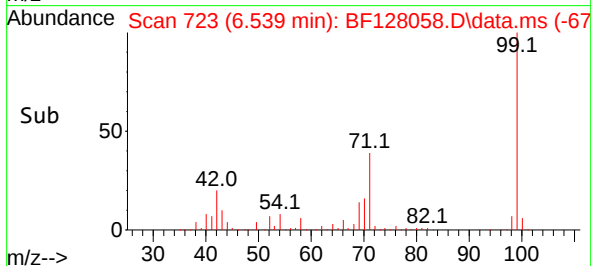
Instrument :
BNA_F
ClientSampleId :
22L097-A



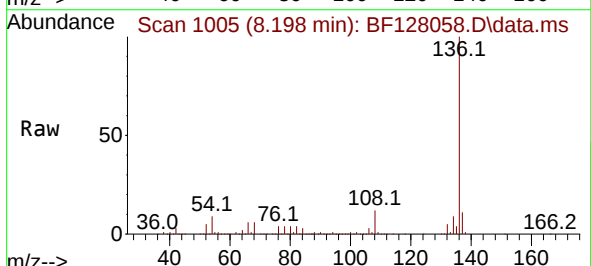
Tgt Ion: 99 Resp: 31254
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 38.8 30.0 45.0

Manual Integrations
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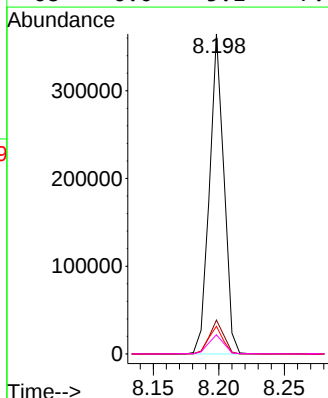
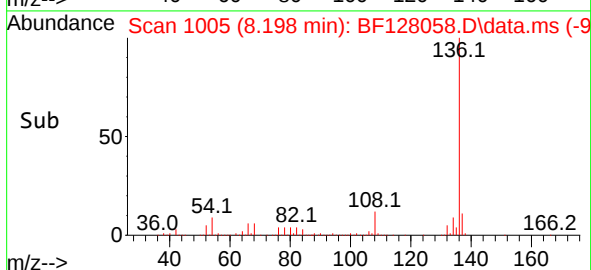
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06



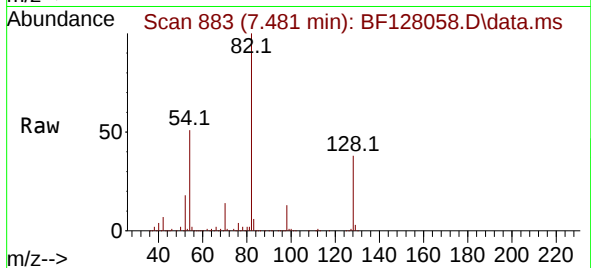
Tgt Ion:136 Resp: 280653
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 6.8 10.2
68 6.0 5.1 7.7





#23
Nitrobenzene-d5
Concen: 73.894 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

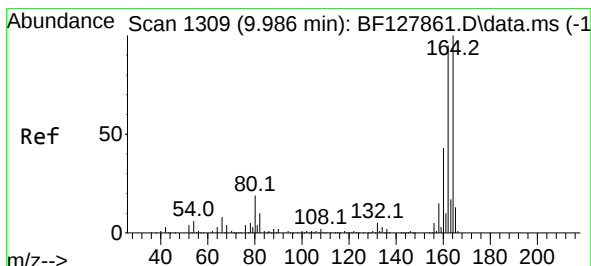
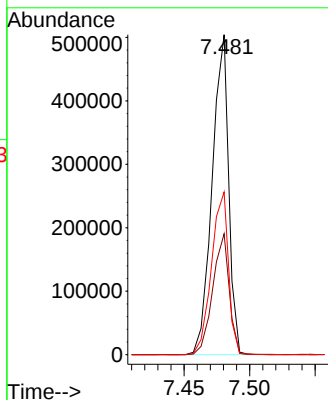
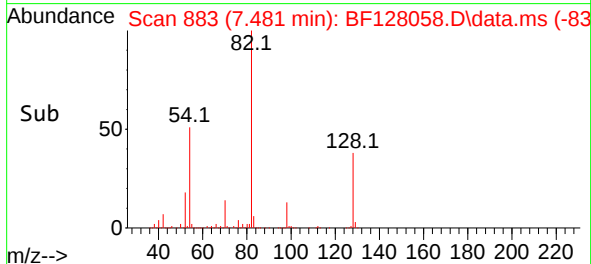
Instrument :
BNA_F
ClientSampleId :
22L097-A



Tgt Ion: 82 Resp: 44101
Ion Ratio Lower Upper
82 100
128 37.8 30.0 45.0
54 50.8 41.3 61.9

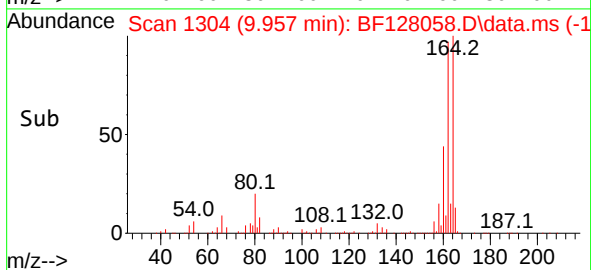
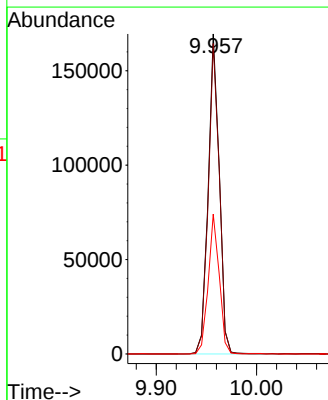
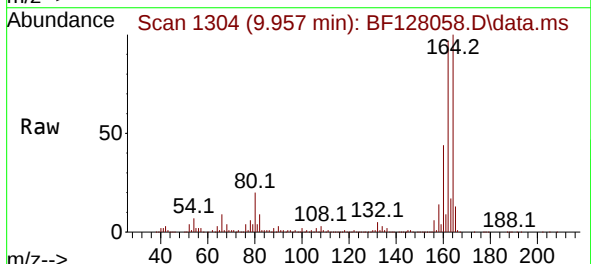
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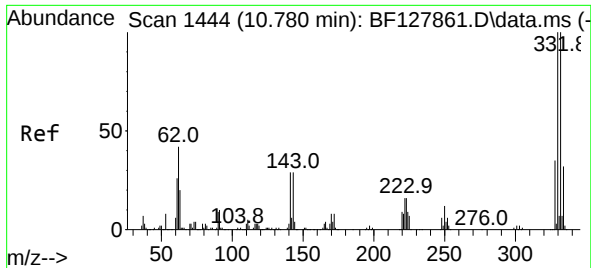
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

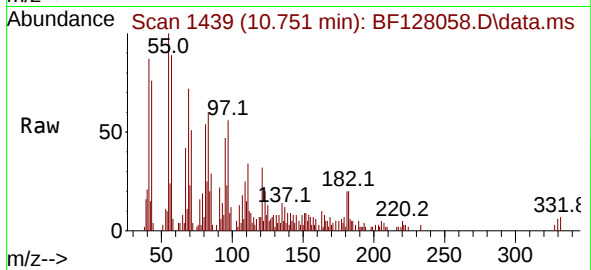
Tgt Ion:164 Resp: 130421
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 43.7 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 10.751 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

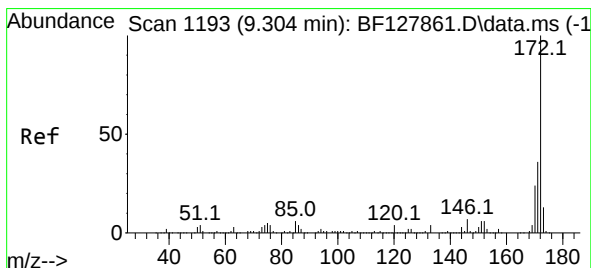
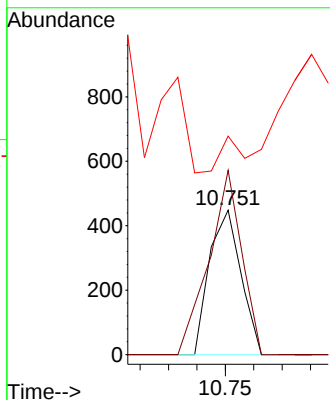
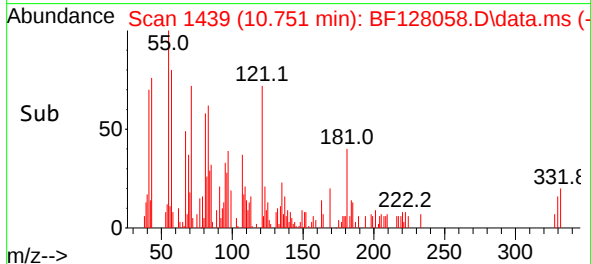
Instrument :
BNA_F
ClientSampleId :
22L097-A



Tgt Ion: 330 Resp: 349
Ion Ratio Lower Upper
330 100
332 133.0 79.0 118.4
141 0.0 28.9 43.3

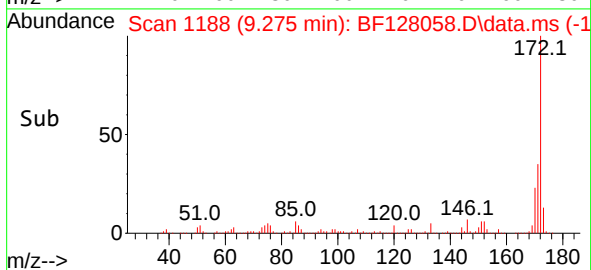
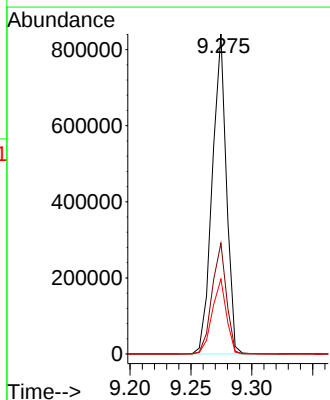
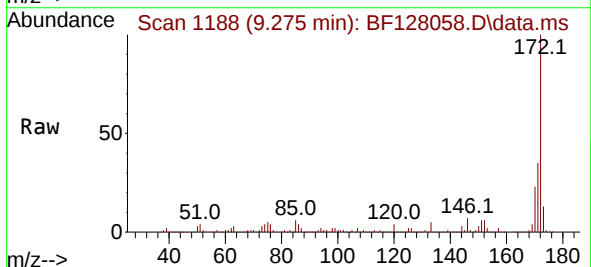
Manual Integrations
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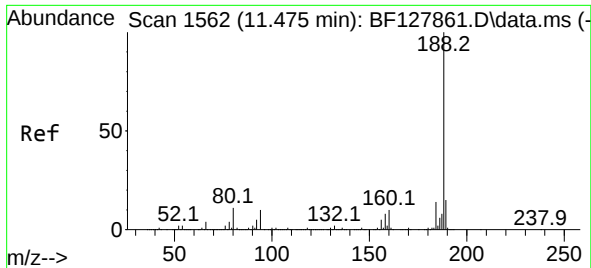
Reviewed By : Christian Giraldo 05/04/2022
Supervised By : Jagrut Upadhyay 05/04/2022



#45
2-Fluorobiphenyl
Concen: 88.332 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

Tgt Ion: 172 Resp: 680979
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.4 19.1 28.7





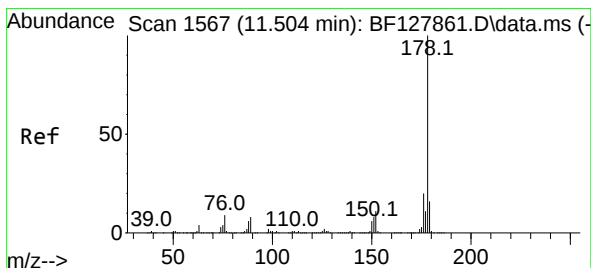
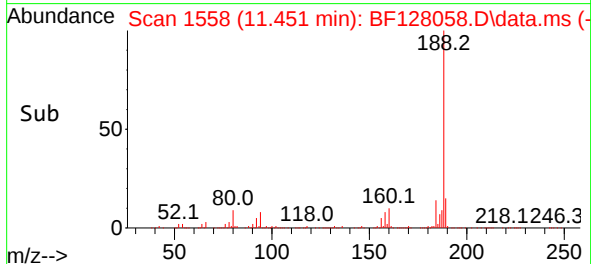
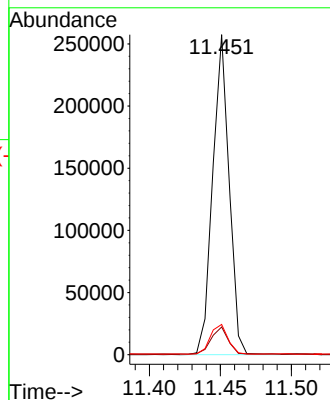
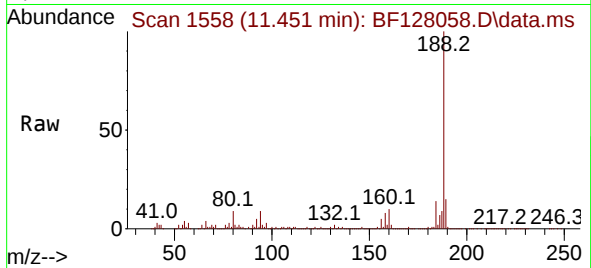
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

Instrument :
BNA_F
ClientSampleId :
22L097-A

Tgt Ion:188 Resp: 206784
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.5 8.9 13.3

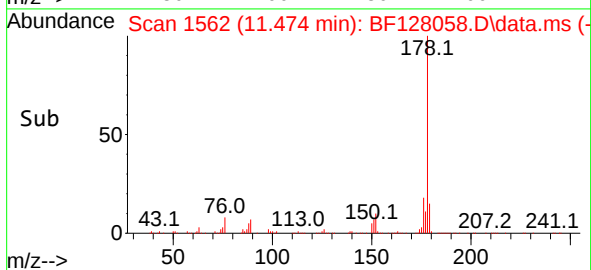
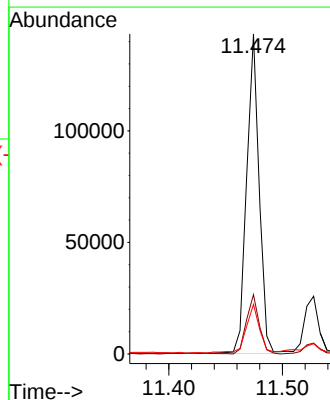
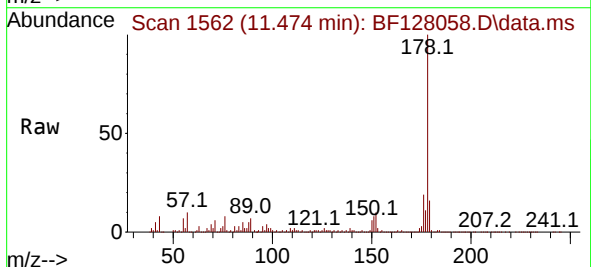
Manual Integrations
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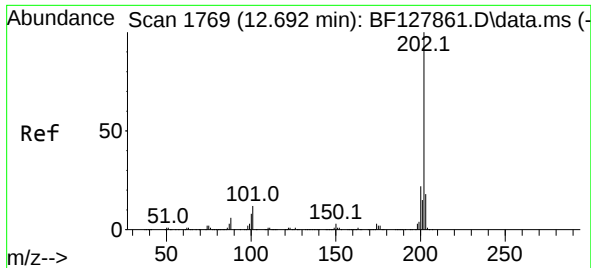
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#71
Phenanthrene
Concen: 10.112 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

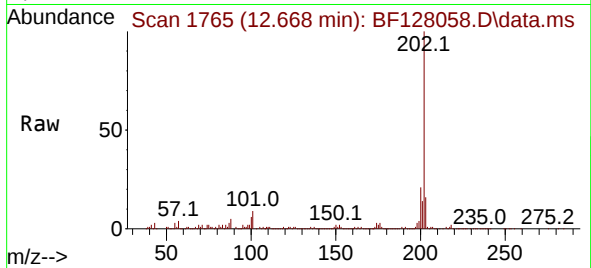
Tgt Ion:178 Resp: 109452
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.5 12.6 19.0





#75
Fluoranthene
Concen: 12.105 ng
RT: 12.668 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

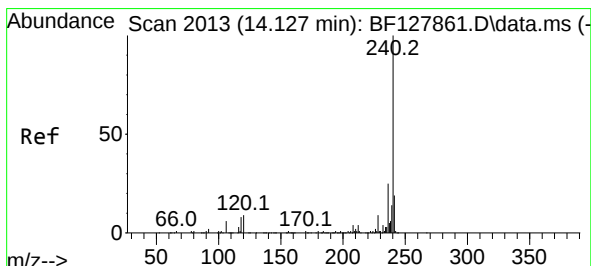
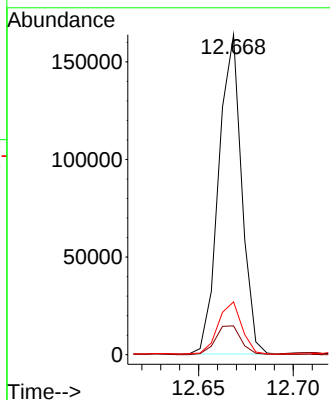
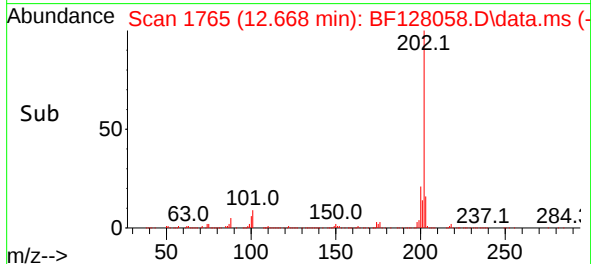
Instrument :
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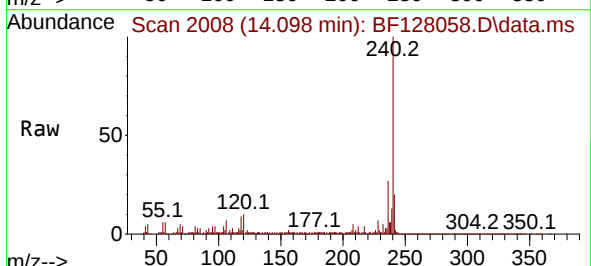
Tgt Ion:202 Resp: 137909
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.6
203 16.5 0.0 38.1

Manual Integrations
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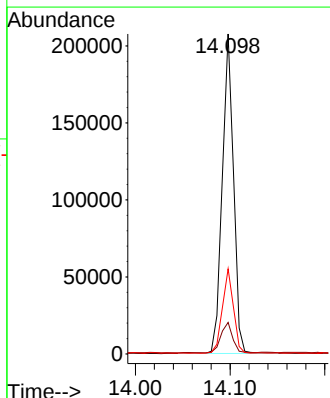
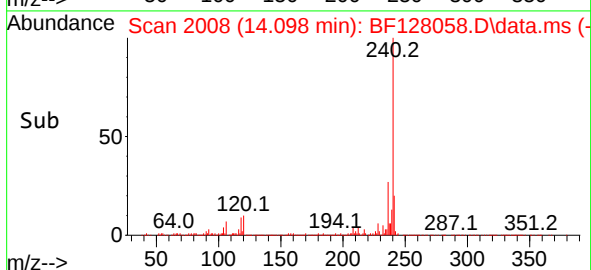
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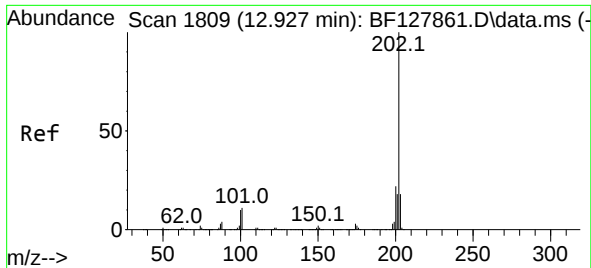


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06



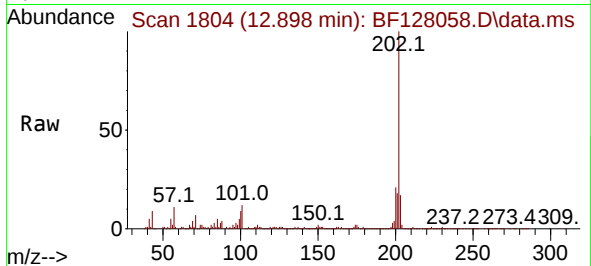
Tgt Ion:240 Resp: 171909
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.6 20.3 30.5





#78
Pyrene
Concen: 10.338 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

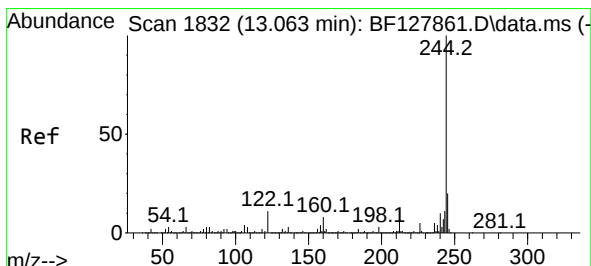
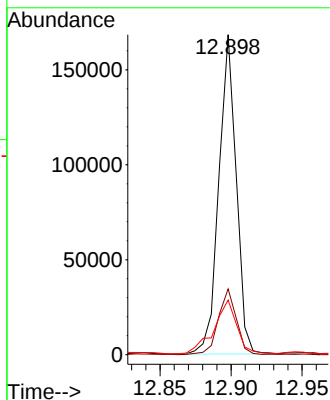
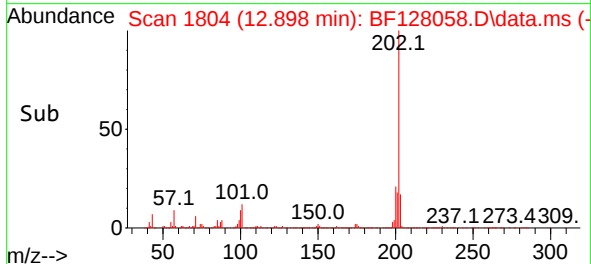
Instrument :
BNA_F
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22L097-A



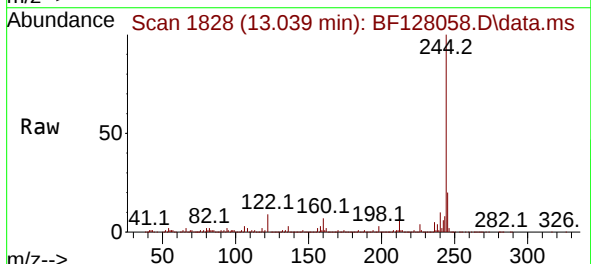
Tgt Ion:202 Resp: 14345
Ion Ratio Lower Upper
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203 17.0 14.0 21.0

Manual Integrations
APPROVED

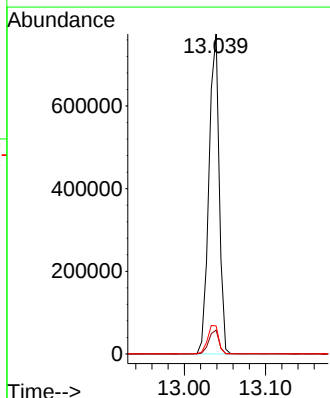
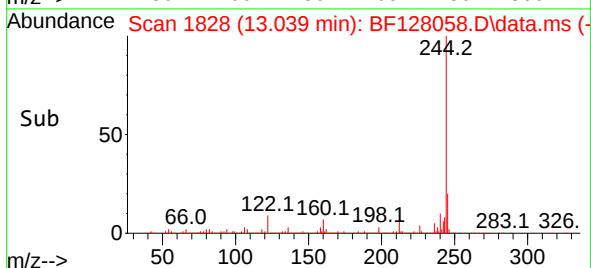
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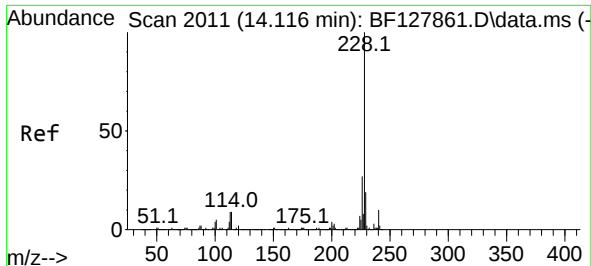


#79
Terphenyl-d14
Concen: 72.041 ng
RT: 13.039 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06



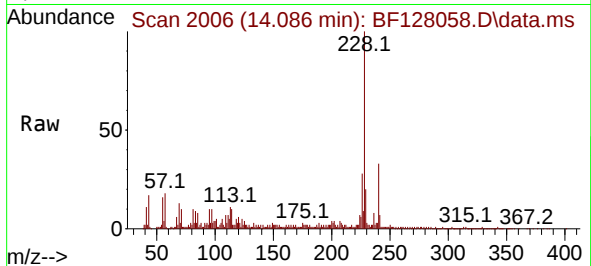
Tgt Ion:244 Resp: 677280
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 8.8 8.6 12.8





#81
Benzo(a)anthracene
Concen: 5.903 ng
RT: 14.086 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

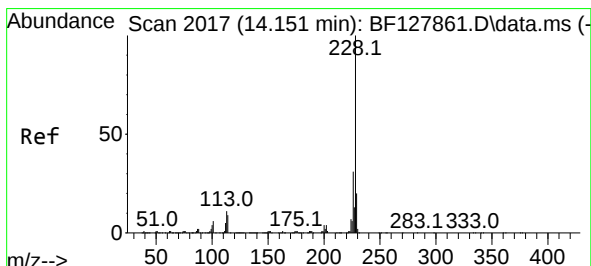
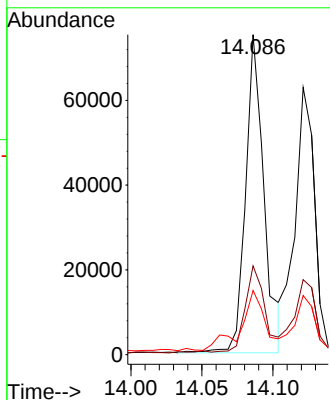
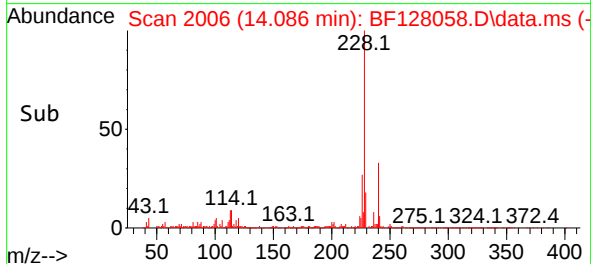
Instrument :
BNA_F
ClientSampleId :
22L097-A



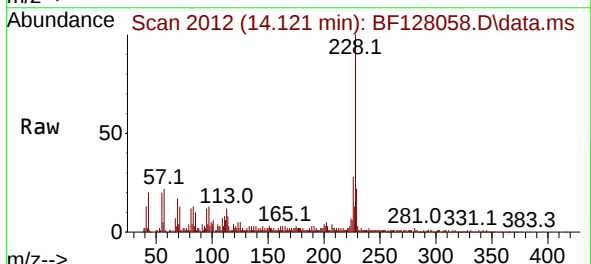
Tgt Ion:228 Resp: 6763
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.0 15.4 23.2

Manual Integrations
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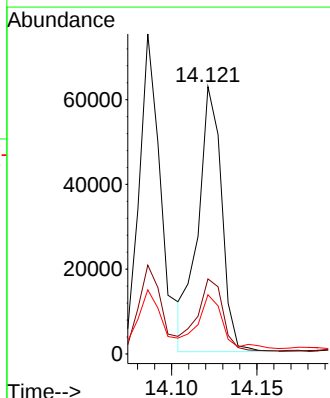
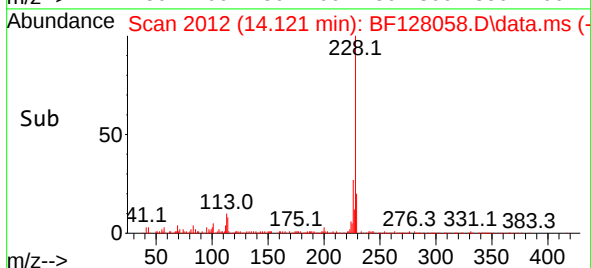
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

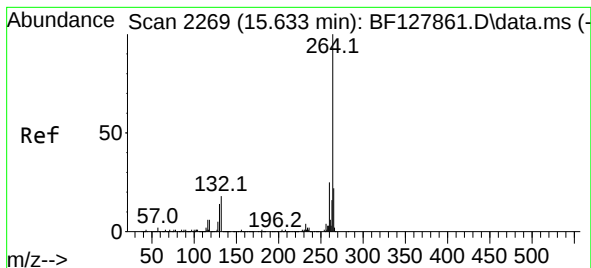


#83
Chrysene
Concen: 5.525 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06



Tgt Ion:228 Resp: 60464
Ion Ratio Lower Upper
228 100
226 28.1 24.4 36.6
229 22.2 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.609 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF128058.D

Acq: 03 May 2022 21:06

Instrument :

BNA_F

ClientSampleId :

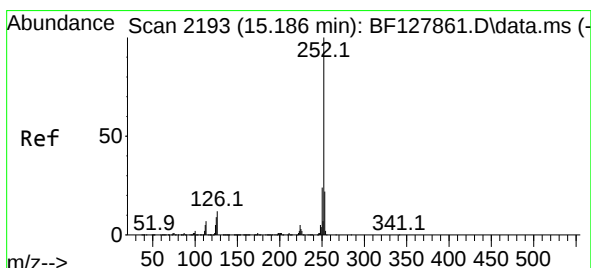
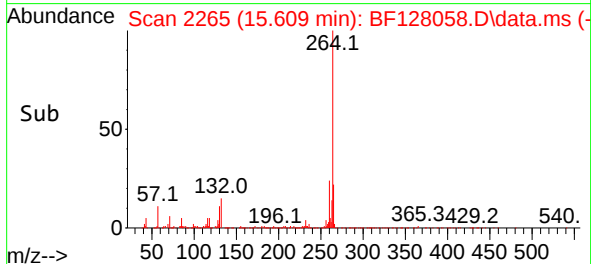
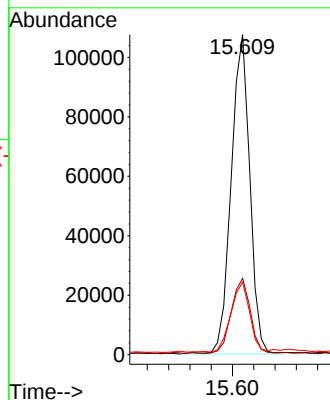
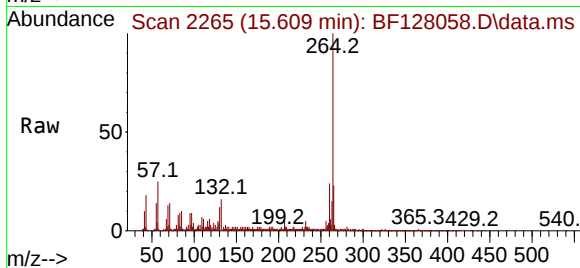
22L097-A

Tgt Ion:264	Resp:	130170
Ion Ratio	Lower	Upper
264	100	
260	23.8	20.1 30.1
265	22.7	17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#88

Benzo(b)fluoranthene

Concen: 7.476 ng m

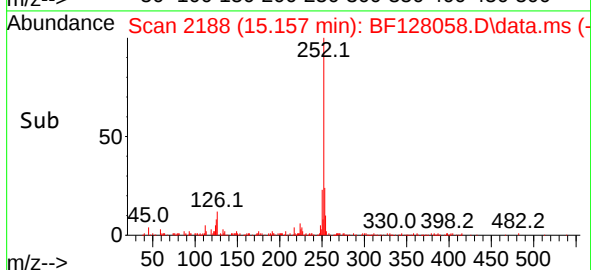
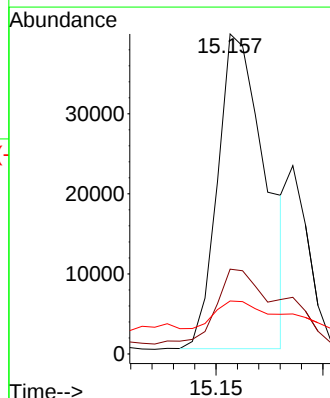
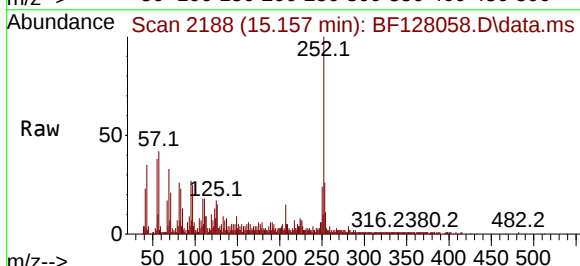
RT: 15.157 min Scan# 2188

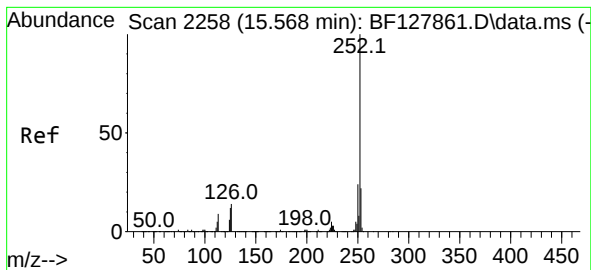
Delta R.T. -0.012 min

Lab File: BF128058.D

Acq: 03 May 2022 21:06

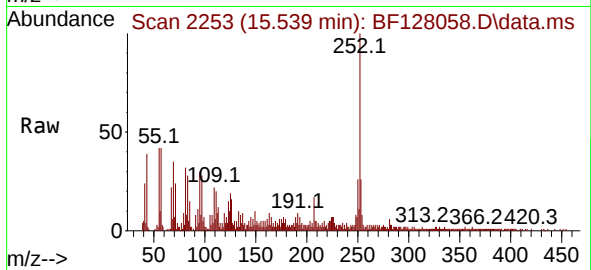
Tgt Ion:252	Resp:	61126
Ion Ratio	Lower	Upper
252	100	
253	26.5	17.4 26.2#
125	16.6	7.4 11.2#





#90
Benzo(a)pyrene
Concen: 5.779 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128058.D
Acq: 03 May 2022 21:06

Instrument :
BNA_F
ClientSampleId :
22L097-A



Tgt Ion:252 Resp: 39190
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.6
125 18.7 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

