

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128055.D
 Acq On : 03 May 2022 19:41
 Operator : CG\JU
 Sample : N2659-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22L097-C

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:27:53 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	95018	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	361204	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	178891	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	263616	20.000	ng	0.00
76) Chrysene-d12	14.098	240	190083	20.000	ng	0.00
86) Perylene-d12	15.604	264	142679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	11281	1.891	ng	0.00
7) Phenol-d6	6.540	99	243267	31.427	ng	-0.01
23) Nitrobenzene-d5	7.481	82	452153	58.865	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	298	0.165	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	723313	68.403	ng	0.00
79) Terphenyl-d14	13.033	244	566294	54.476	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.475	178	176168	12.767	ng	98
72) Anthracene	11.522	178	37143	2.702	ng	99
75) Fluoranthene	12.669	202	171699	11.823	ng	97
78) Pyrene	12.898	202	158973	10.360	ng	98
81) Benzo(a)anthracene	14.086	228	78732	6.214	ng	97
83) Chrysene	14.121	228	65727	5.432	ng	97
88) Benzo(b)fluoranthene	15.157	252	67579m	7.541	ng	
90) Benzo(a)pyrene	15.539	252	42346	5.697	ng	# 92
92) Benzo(g,h,i)perylene	17.604	276	22121	2.748	ng	95

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

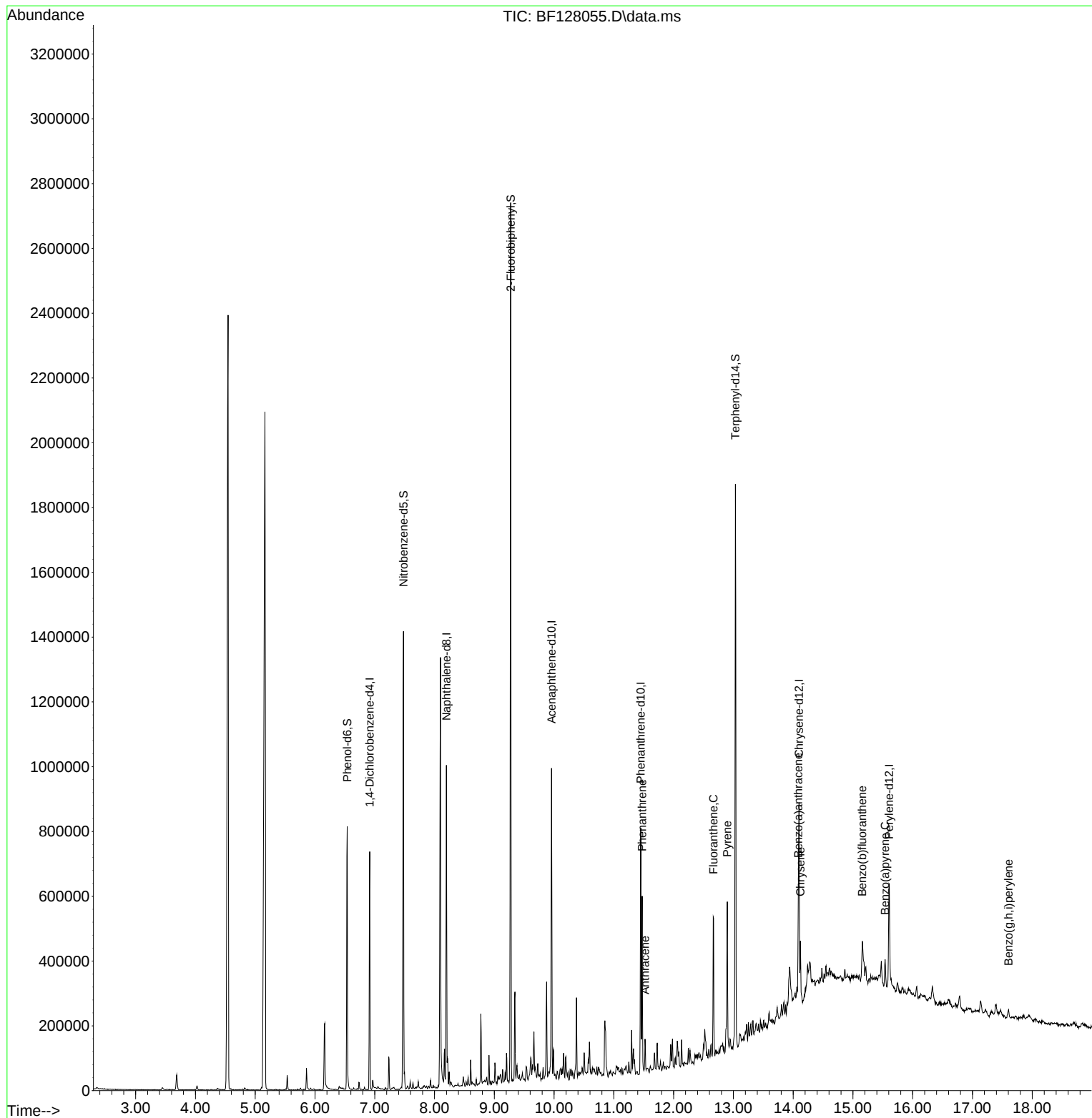
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128055.D
Acq On : 03 May 2022 19:41
Operator : CG\JU
Sample : N2659-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

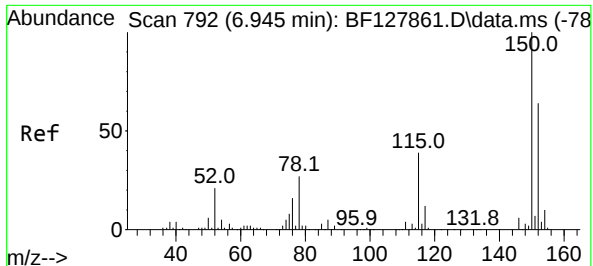
Instrument :
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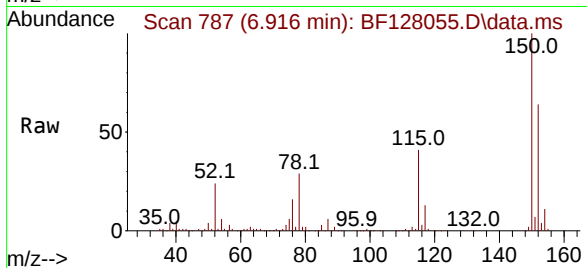
Quant Time: May 04 04:27:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

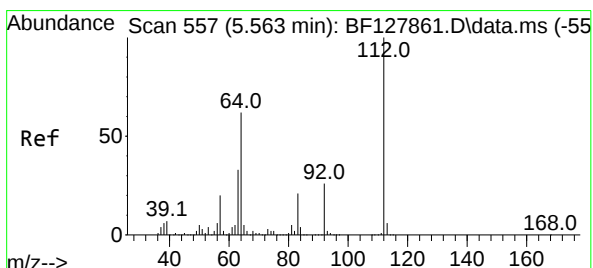
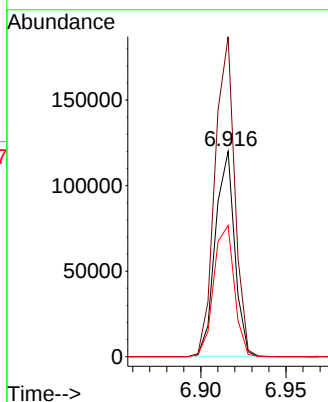
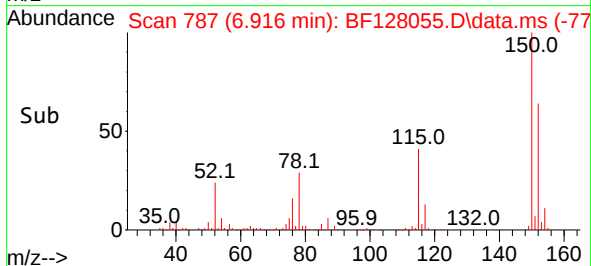
Instrument :
BNA_F
ClientSampleId :
22L097-C



Tgt Ion:152 Resp: 95018
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 63.9 48.8 73.2

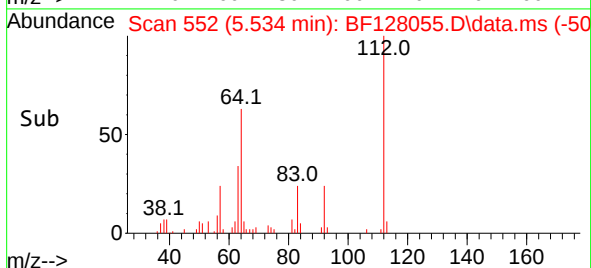
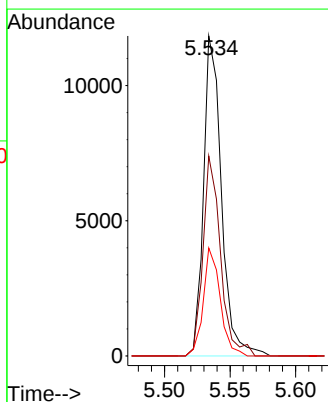
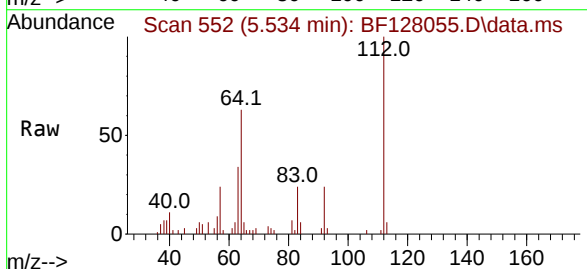
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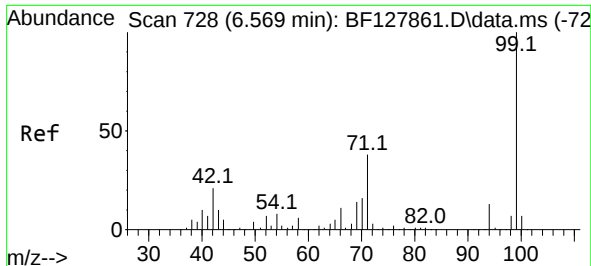
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#5
2-Fluorophenol
Concen: 1.891 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

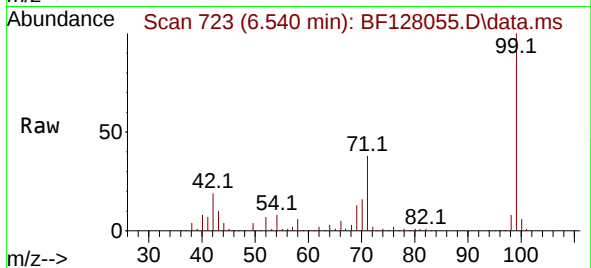
Tgt Ion:112 Resp: 11281
Ion Ratio Lower Upper
112 100
64 62.5 49.5 74.3
63 33.8 26.3 39.5





#7
Phenol-d6
Concen: 31.427 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

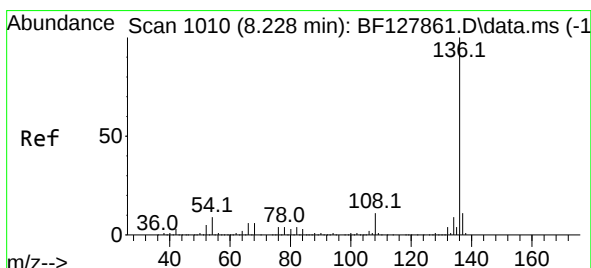
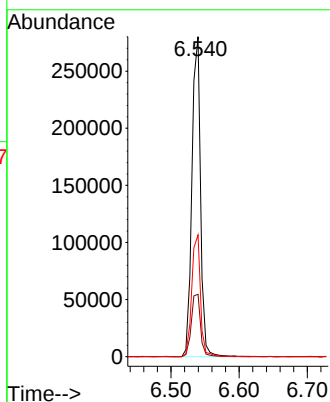
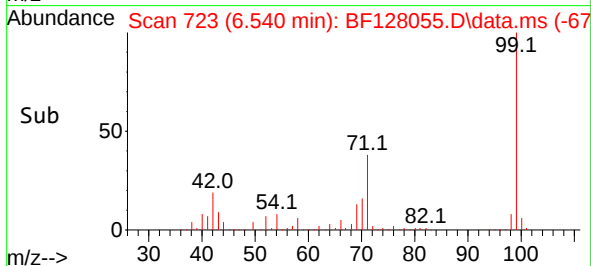
Instrument :
BNA_F
ClientSampleId :
22L097-C



Tgt Ion: 99 Resp: 24326
Ion Ratio Lower Upper
99 100
42 19.5 16.6 24.8
71 38.1 30.0 45.0

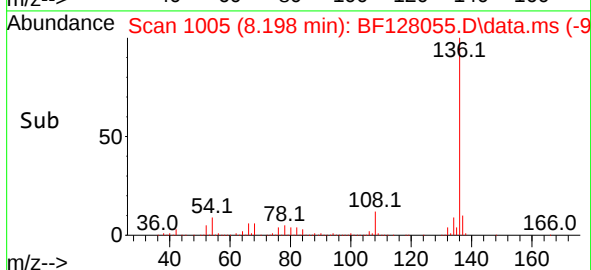
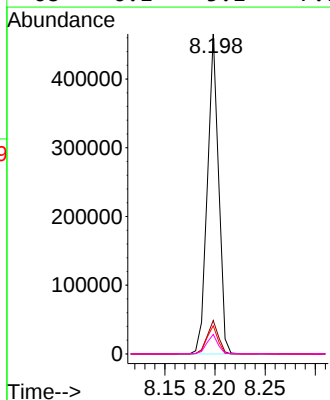
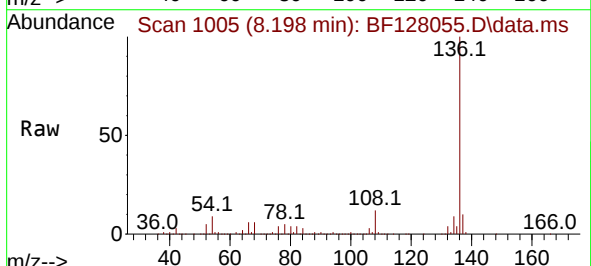
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

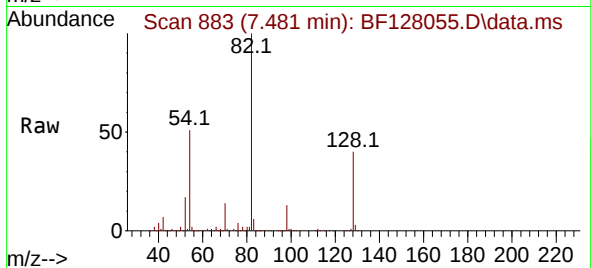
Tgt Ion:136 Resp: 361204
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.8 6.8 10.2
68 6.1 5.1 7.7





#23
Nitrobenzene-d5
Concen: 58.865 ng
RT: 7.481 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

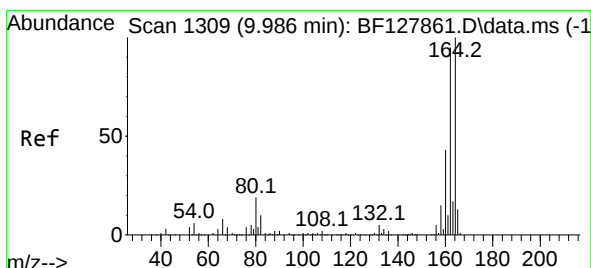
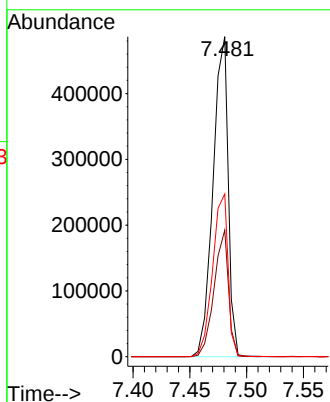
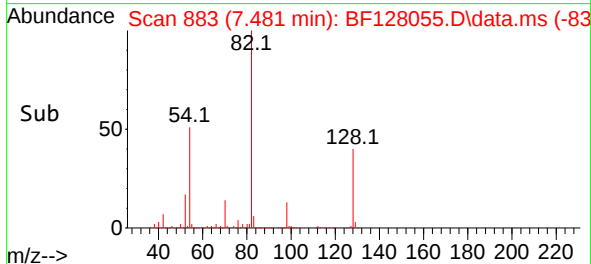
Instrument :
BNA_F
ClientSampleId :
22L097-C



Tgt Ion: 82 Resp: 45215
Ion Ratio Lower Upper
82 100
128 39.5 30.0 45.0
54 50.9 41.3 61.9

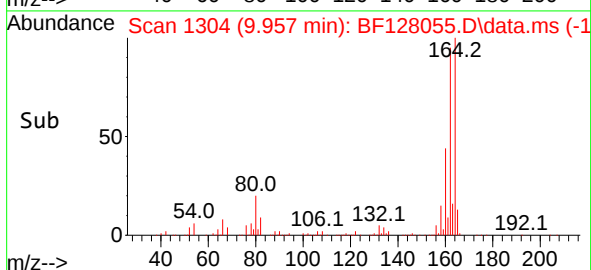
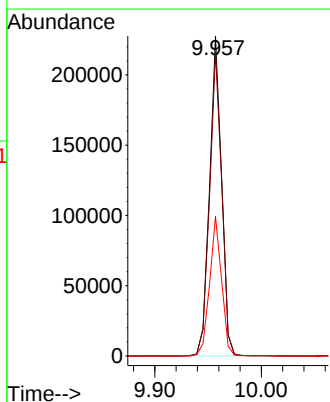
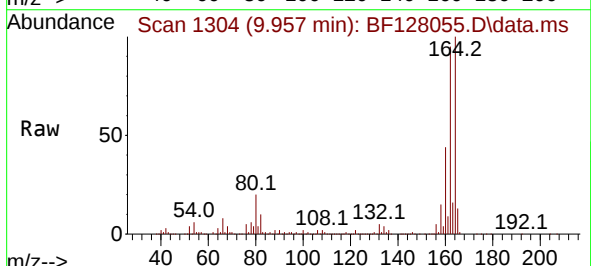
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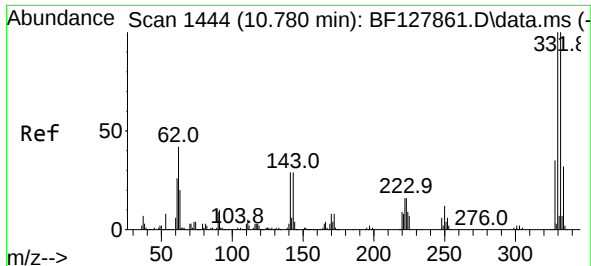
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

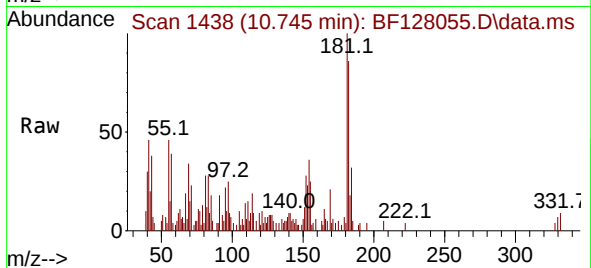
Tgt Ion:164 Resp: 178891
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 43.6 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 10.745 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

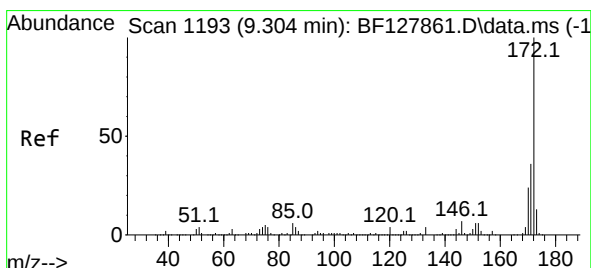
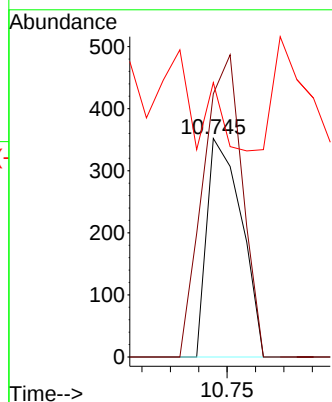
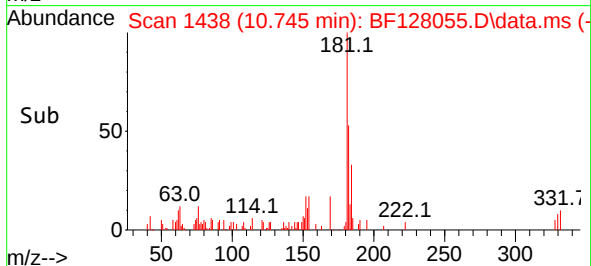
Instrument :
BNA_F
ClientSampleId :
22L097-C



Tgt Ion: 330 Resp: 298
Ion Ratio Lower Upper
330 100
332 156.4 79.0 118.4
141 0.0 28.9 43.3

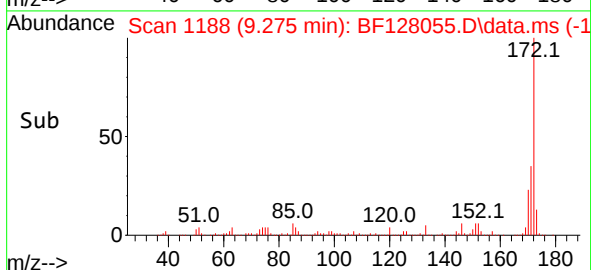
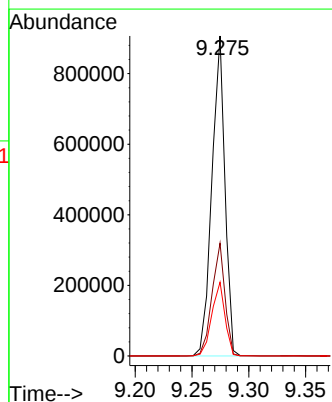
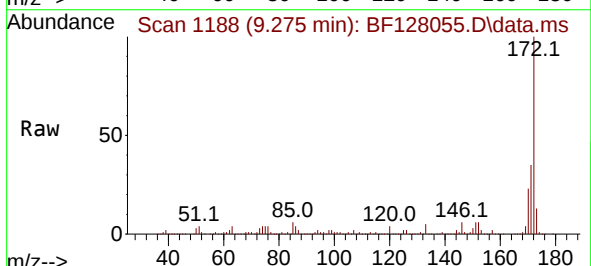
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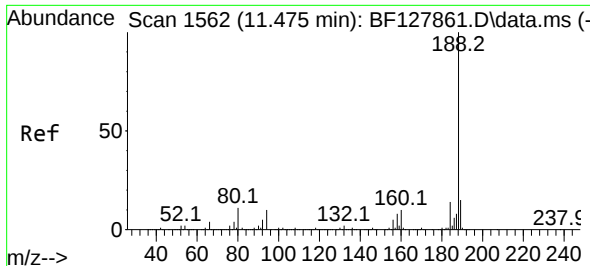
Reviewed By : Christian Giraldo 05/04/2022
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#45
2-Fluorobiphenyl
Concen: 68.403 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

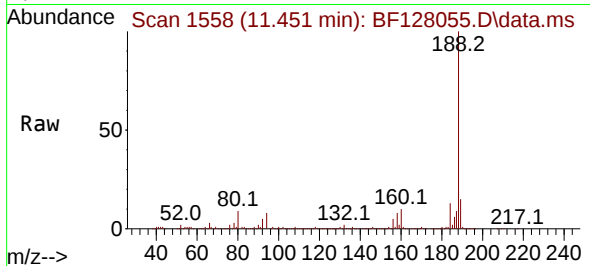
Tgt Ion: 172 Resp: 723313
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

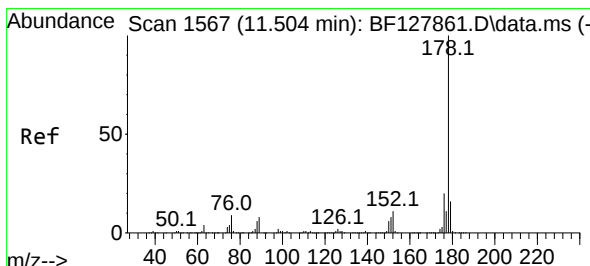
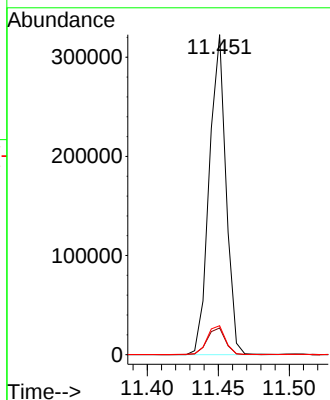
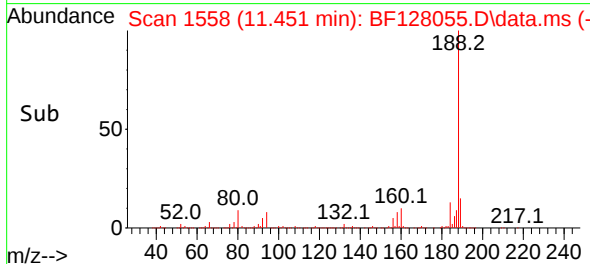
Instrument :
BNA_F
ClientSampleId :
22L097-C



Tgt Ion:188 Resp: 263610
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.1 8.9 13.3

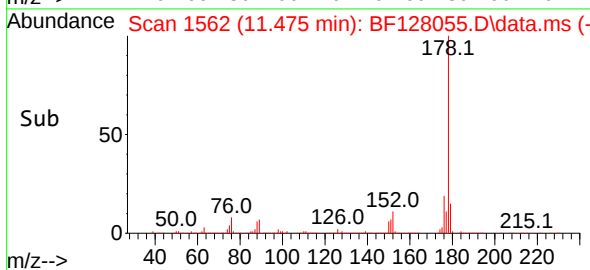
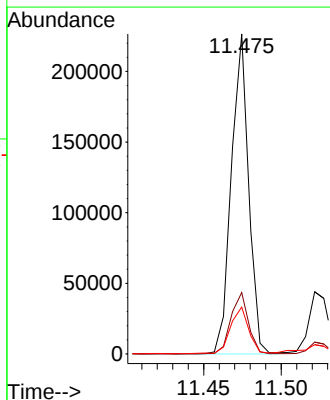
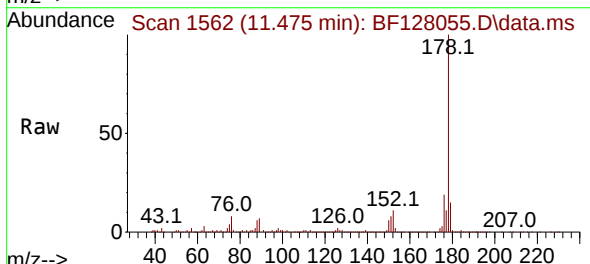
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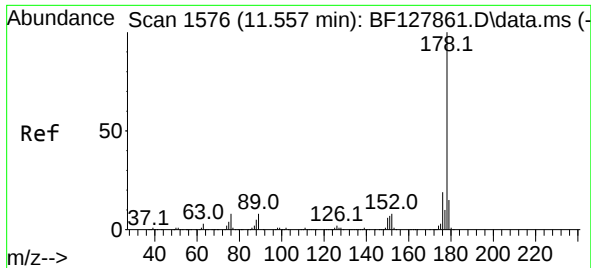
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#71
Phenanthrene
Concen: 12.767 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

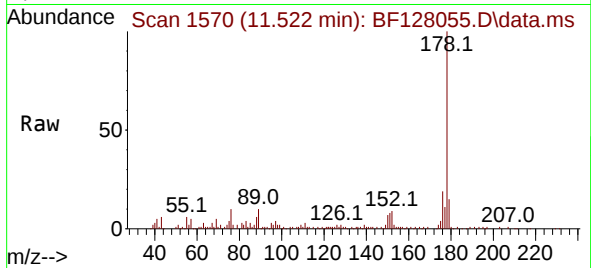
Tgt Ion:178 Resp: 176168
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.7 12.6 19.0





#72
 Anthracene
 Concen: 2.702 ng
 RT: 11.522 min Scan# 11522
 Delta R.T. -0.012 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

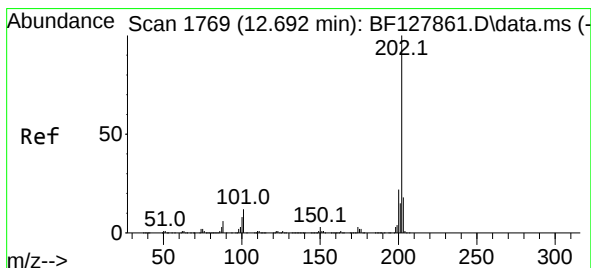
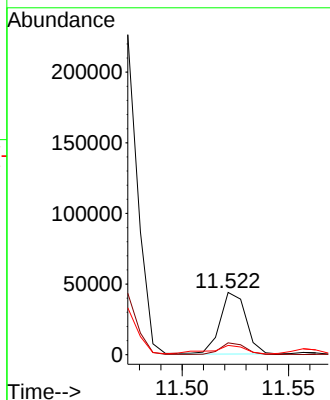
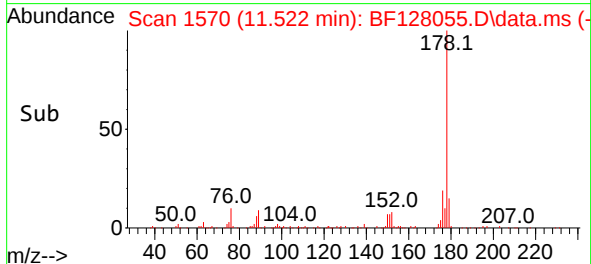
Instrument :
 BNA_F
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 22L097-C



Tgt Ion:178 Resp: 3714
 Ion Ratio Lower Upper
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 176 19.0 15.0 22.6
 179 14.9 12.4 18.6

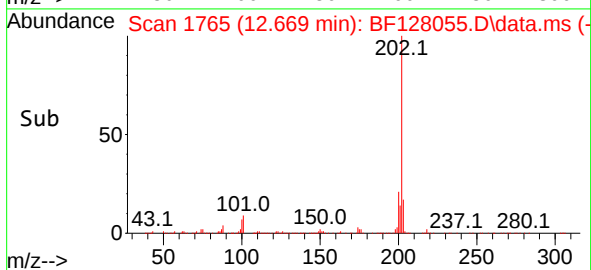
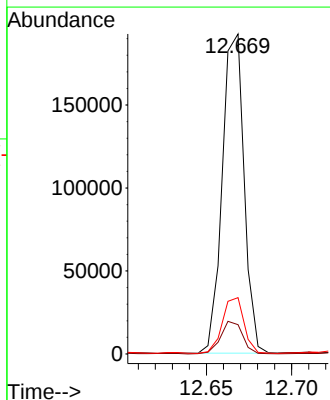
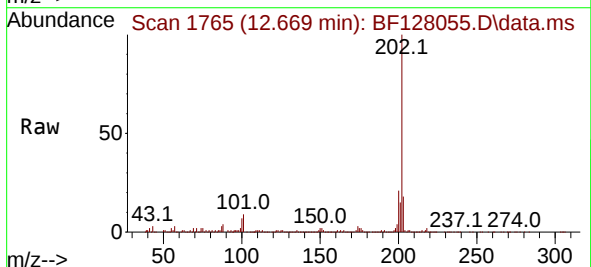
Manual Integrations
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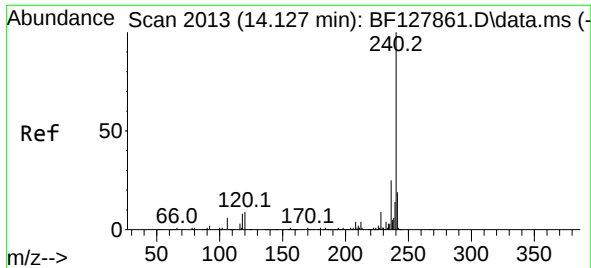
Reviewed By :Christian Giraldo 05/04/2022
 Supervised By :Jagrut Upadhyay 05/04/2022



#75
 Fluoranthene
 Concen: 11.823 ng
 RT: 12.669 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

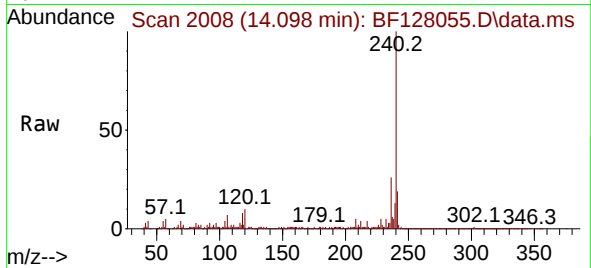
Tgt Ion:202 Resp: 171699
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 31.6
 203 17.6 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

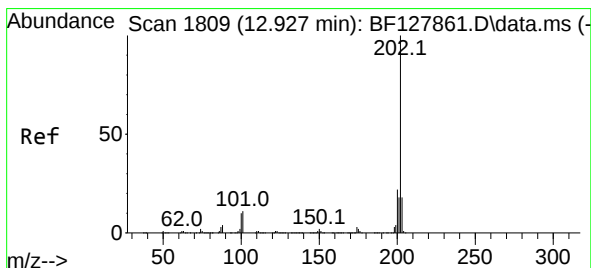
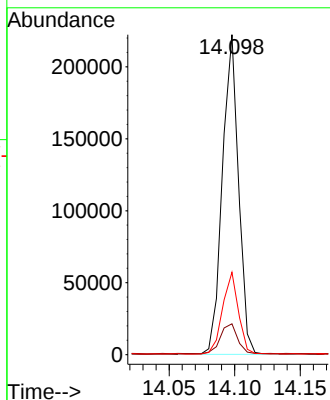
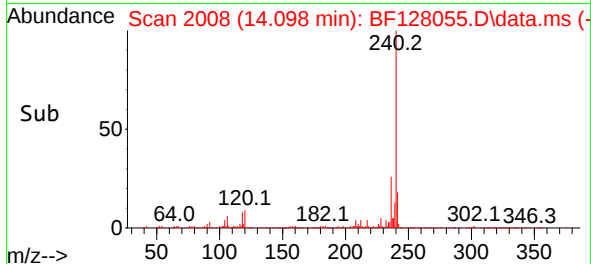
Instrument :
BNA_F
ClientSampleId :
22L097-C



Tgt Ion:240 Resp: 190083
Ion Ratio Lower Upper
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120 9.7 7.0 10.6
236 25.7 20.3 30.5

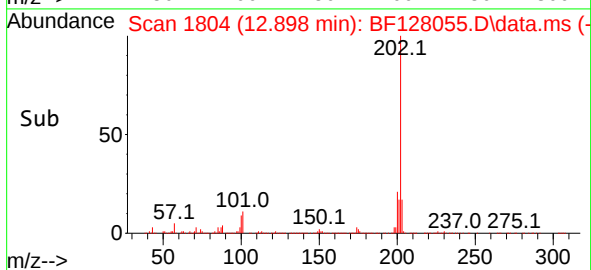
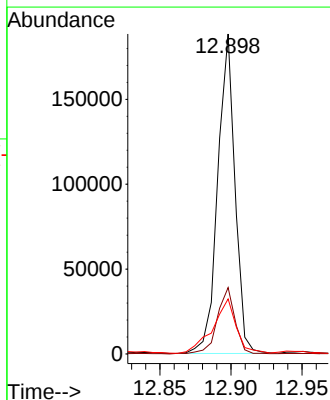
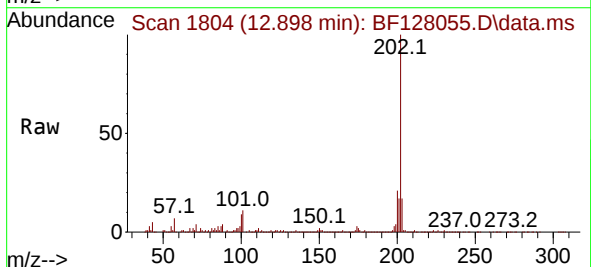
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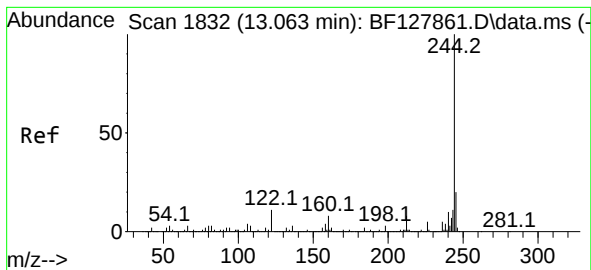
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#78
Pyrene
Concen: 10.360 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

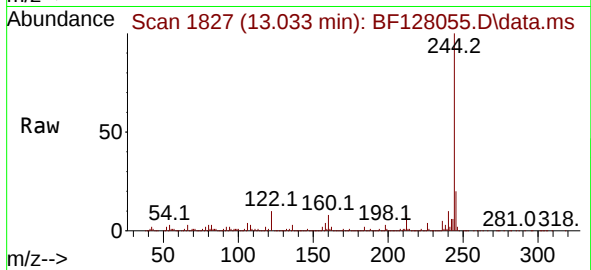
Tgt Ion:202 Resp: 158973
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.2 14.0 21.0





#79
 Terphenyl-d14
 Concen: 54.476 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

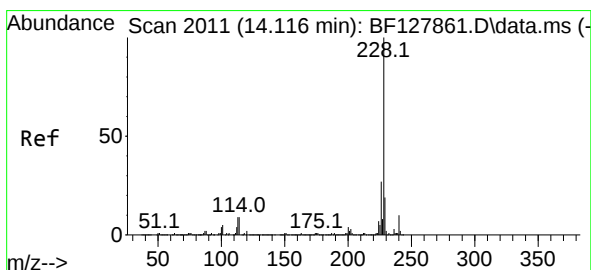
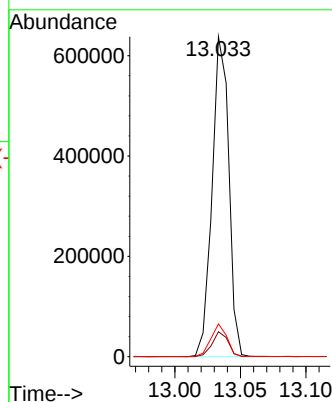
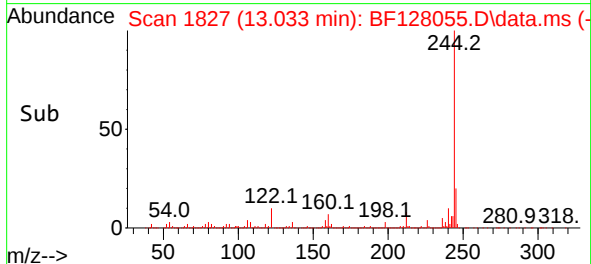
Instrument :
 BNA_F
 ClientSampleId :
 22L097-C



Tgt Ion:244 Resp: 566294
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.2 8.6 12.8

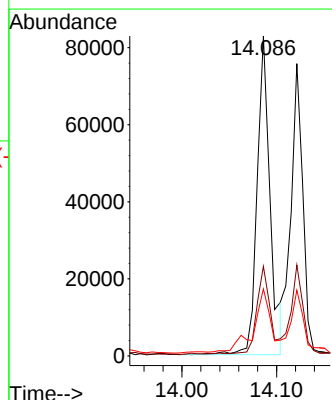
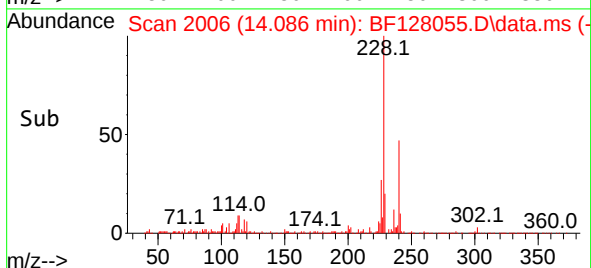
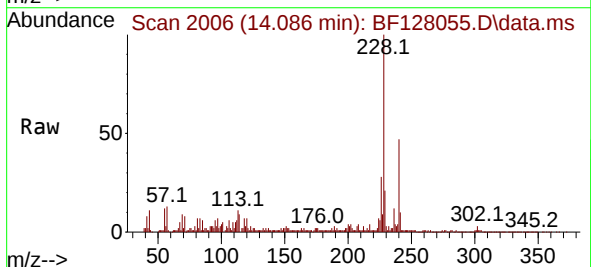
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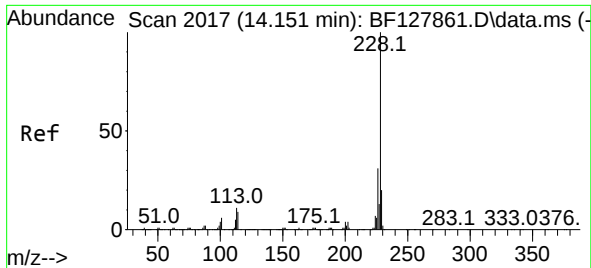
Reviewed By :Christian Giraldo 05/04/2022
 Supervised By :Jagrut Upadhyay 05/04/2022



#81
 Benzo(a)anthracene
 Concen: 6.214 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

Tgt Ion:228 Resp: 78732
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.7 32.5
 229 20.9 15.4 23.2





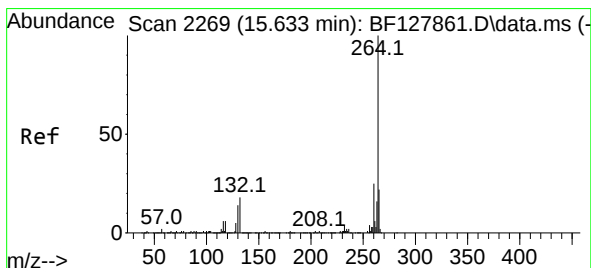
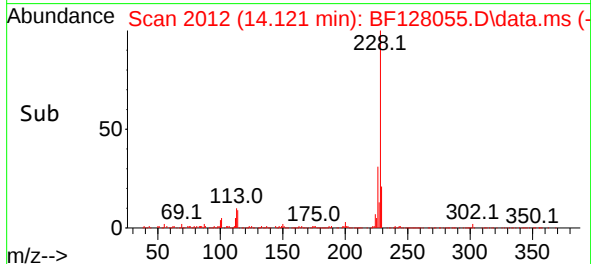
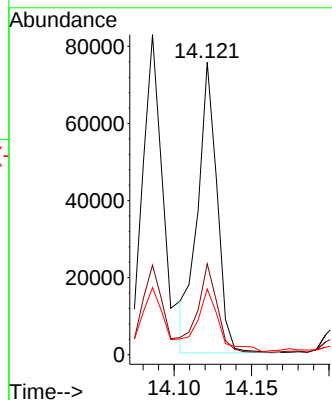
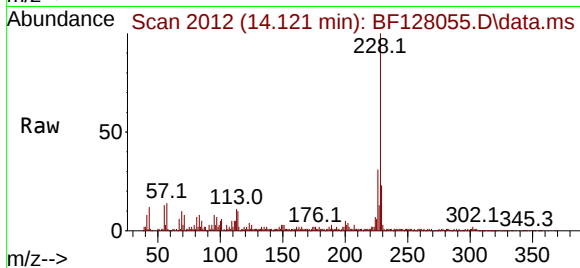
#83
Chrysene
Concen: 5.432 ng
RT: 14.121 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Instrument :
BNA_F
ClientSampleId :
22L097-C

Tgt Ion:228 Resp: 6572
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 22.5 15.8 23.8

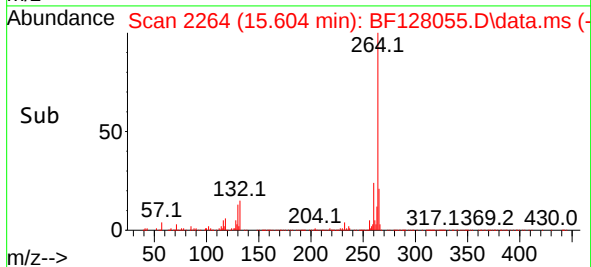
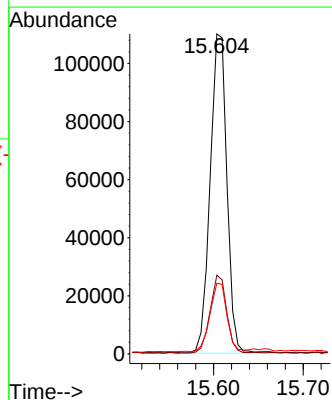
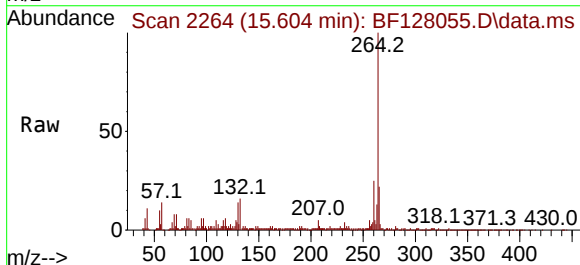
Manual Integrations
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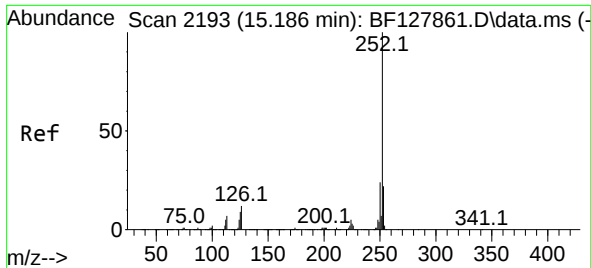
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Tgt Ion:264 Resp: 142679
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 22.1 17.5 26.3





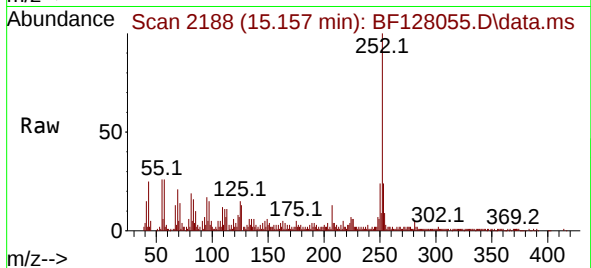
#88
Benzo(b)fluoranthene
Concen: 7.541 ng m
RT: 15.157 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Instrument :

BNA_F

ClientSampleId :

22L097-C

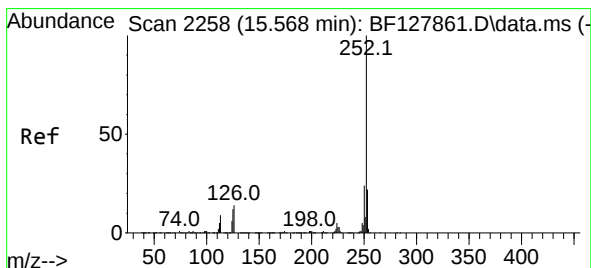
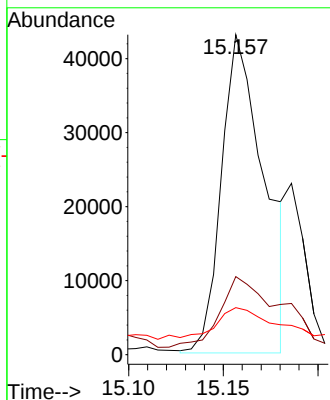
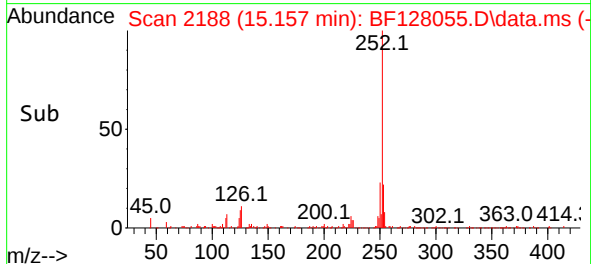


Tgt Ion:252 Resp: 67579
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 14.7 7.4 11.2

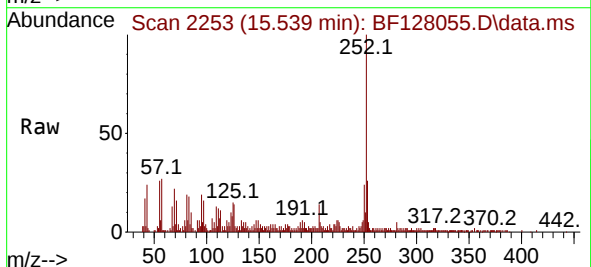
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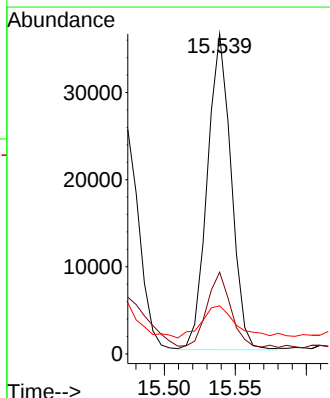
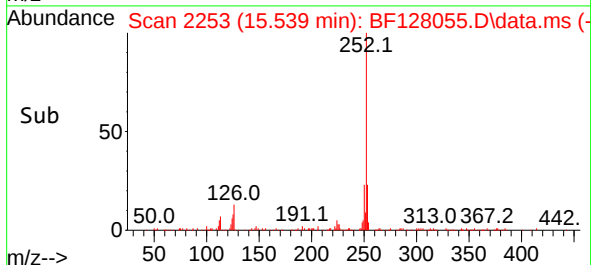
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

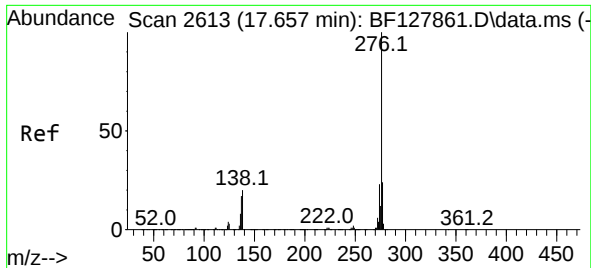


#90
Benzo(a)pyrene
Concen: 5.697 ng
RT: 15.539 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41



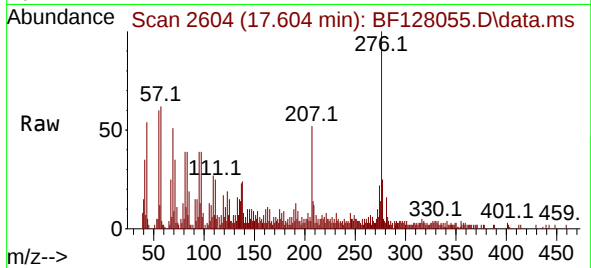
Tgt Ion:252 Resp: 42346
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.6
125 15.0 9.2 13.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.748 ng
 RT: 17.604 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

Instrument :
 BNA_F
 ClientSampleId :
 22L097-C



Tgt Ion: 276 Resp: 2212
 Ion Ratio Lower Upper
 276 100
 277 25.2 18.8 28.2
 138 23.8 16.2 24.2

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

