

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128057.D
 Acq On : 03 May 2022 20:38
 Operator : CG\JU
 Sample : N2659-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22L097-B

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:28:09 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	89858	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	327888	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	159741	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	242555	20.000	ng	0.00
76) Chrysene-d12	14.098	240	184097	20.000	ng	0.00
86) Perylene-d12	15.604	264	137882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	18944	3.358	ng	0.00
7) Phenol-d6	6.540	99	366617	50.082	ng	-0.01
23) Nitrobenzene-d5	7.481	82	436700	62.629	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	556	0.346	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	693759	73.473	ng	0.00
79) Terphenyl-d14	13.039	244	617613	61.345	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.051	79	16301	3.275	ng	96
71) Phenanthrene	11.475	178	81095	6.387	ng	98
75) Fluoranthene	12.669	202	102648	7.682	ng	95
78) Pyrene	12.898	202	94540	6.362	ng	98
81) Benzo(a)anthracene	14.086	228	42888	3.495	ng	94
83) Chrysene	14.121	228	38323	3.270	ng	95
88) Benzo(b)fluoranthene	15.157	252	38294m	4.422	ng	
90) Benzo(a)pyrene	15.539	252	26931	3.749	ng	# 86

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

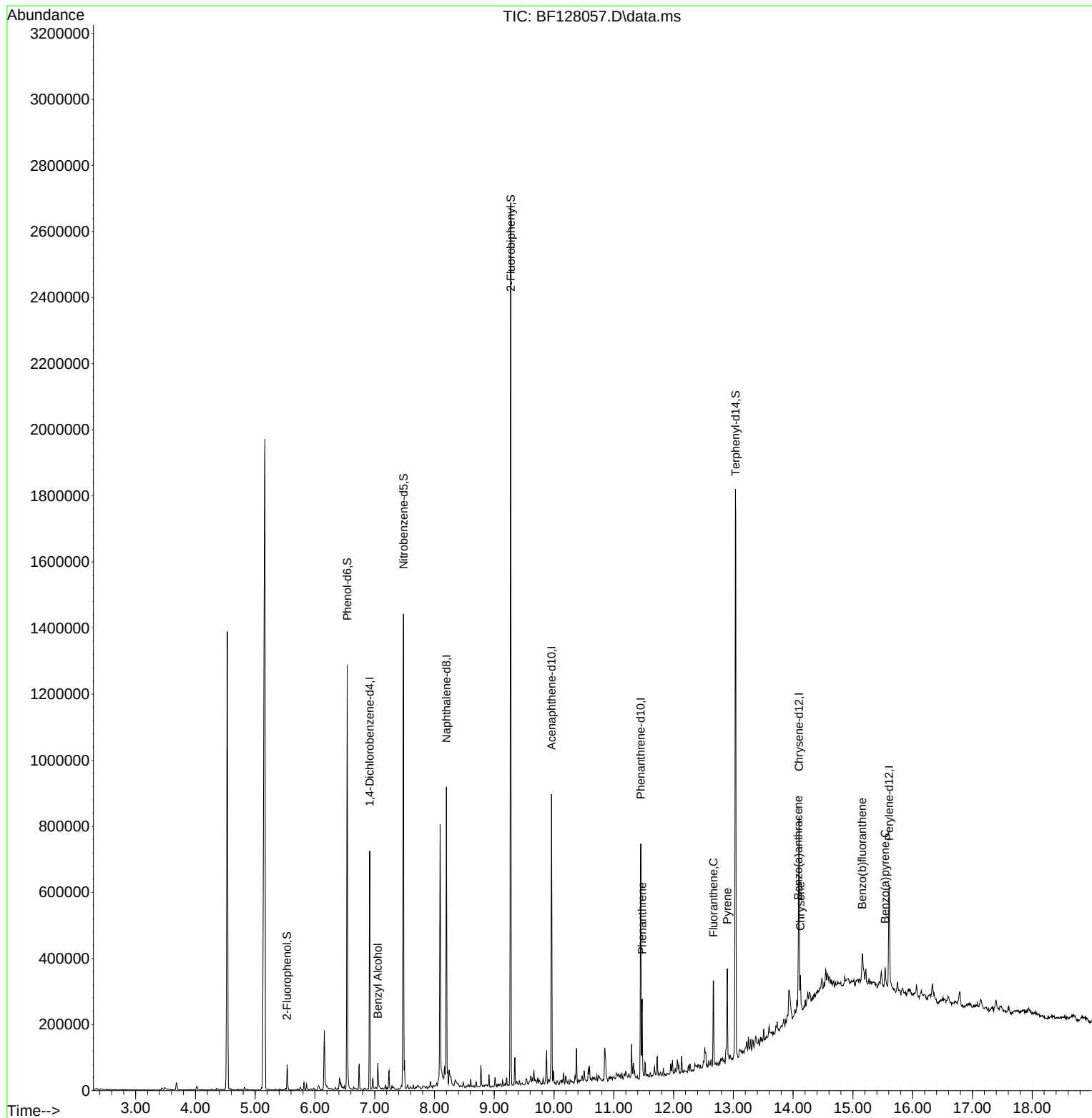
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128057.D
Acq On : 03 May 2022 20:38
Operator : CG\JU
Sample : N2659-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

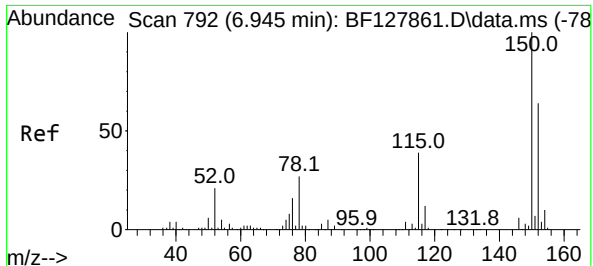
Instrument :
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22L097-B

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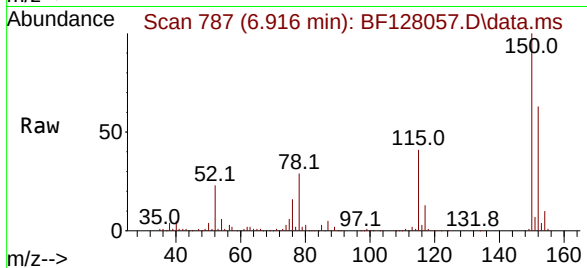
Quant Time: May 04 04:28:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

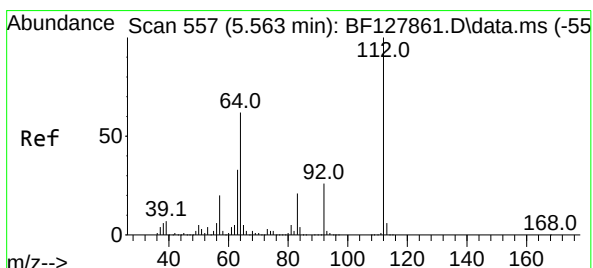
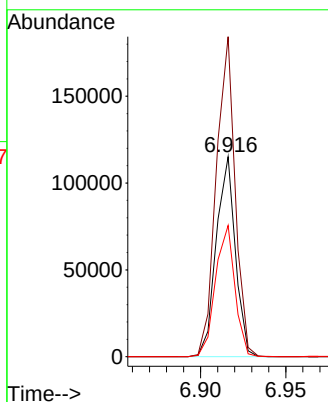
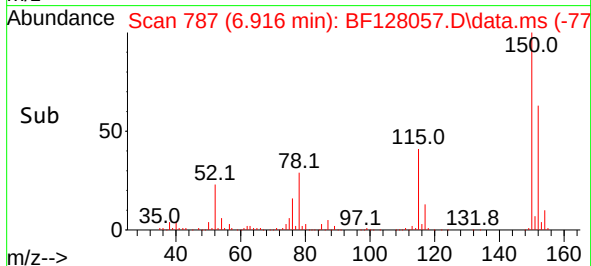
Instrument :
BNA_F
ClientSampleId :
22L097-B



Tgt Ion:152 Resp: 89858
Ion Ratio Lower Upper
152 100
150 160.0 125.3 187.9
115 65.6 48.8 73.2

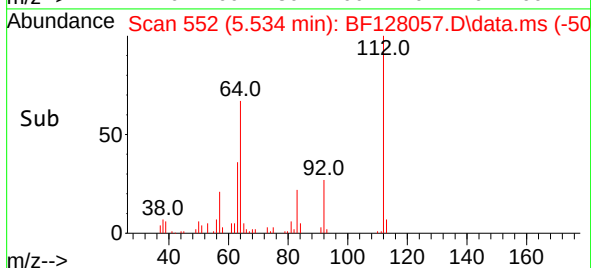
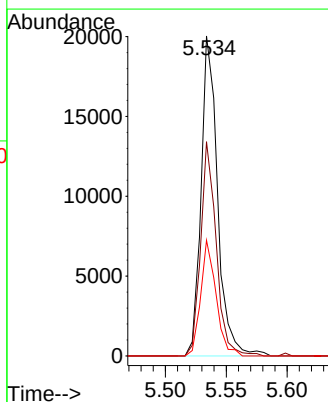
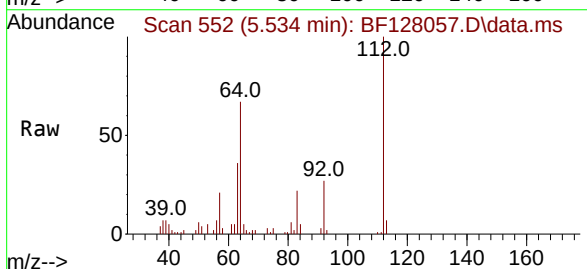
Manual Integrations
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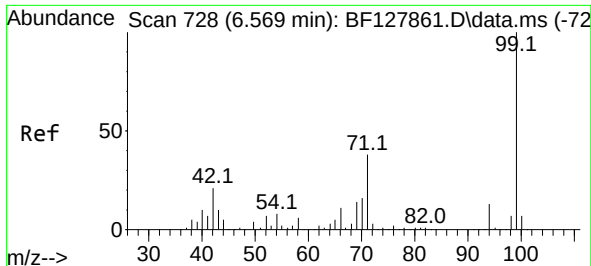
Reviewed By :Christian Giraldo 05/04/2022
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#5
2-Fluorophenol
Concen: 3.358 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

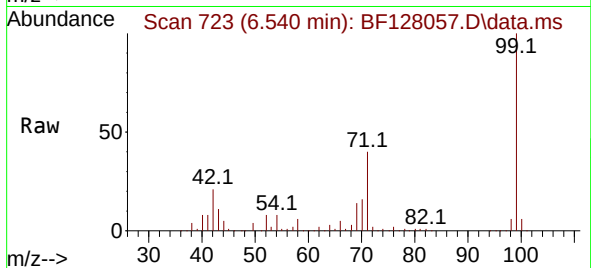
Tgt Ion:112 Resp: 18944
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 36.1 26.3 39.5





#7
Phenol-d6
Concen: 50.082 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

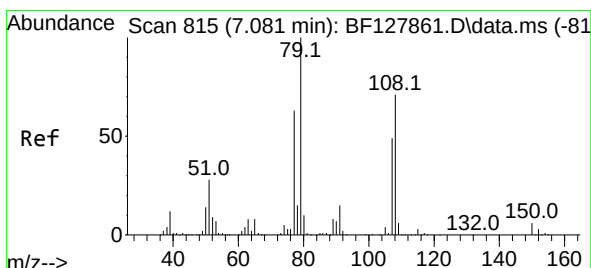
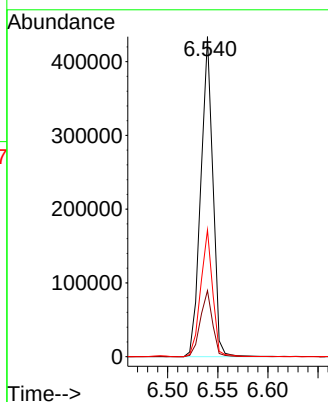
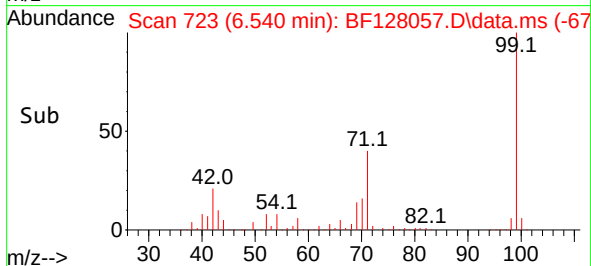
Instrument :
BNA_F
ClientSampleId :
22L097-B



Tgt Ion: 99 Resp: 36661
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 39.6 30.0 45.0

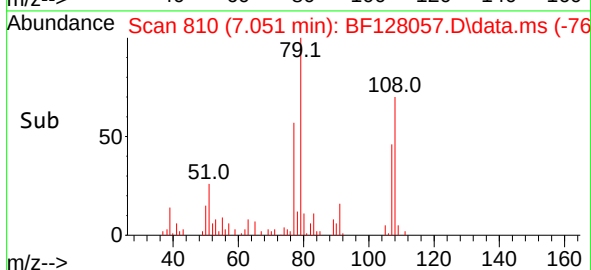
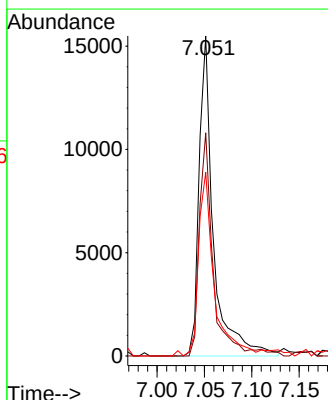
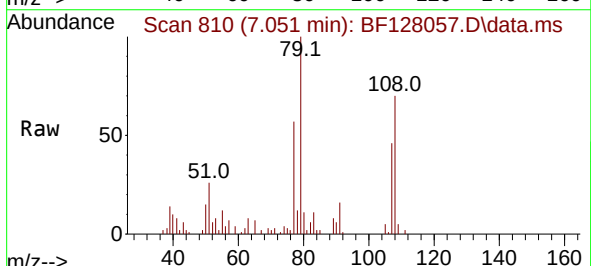
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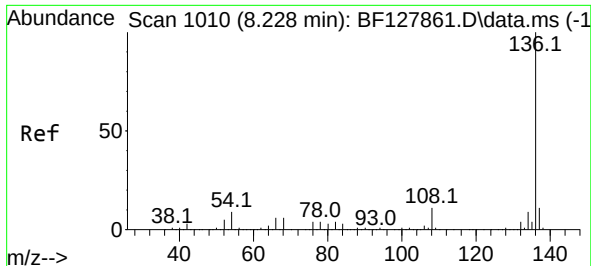
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#15
Benzyl Alcohol
Concen: 3.275 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

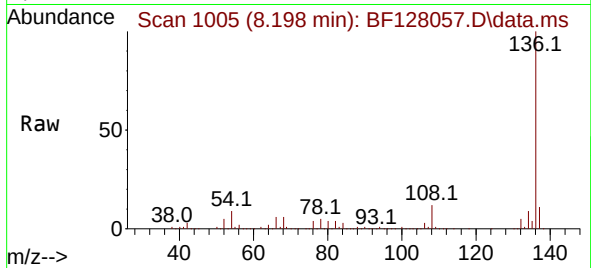
Tgt Ion: 79 Resp: 16301
Ion Ratio Lower Upper
79 100
108 69.7 57.0 85.6
77 57.4 50.2 75.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

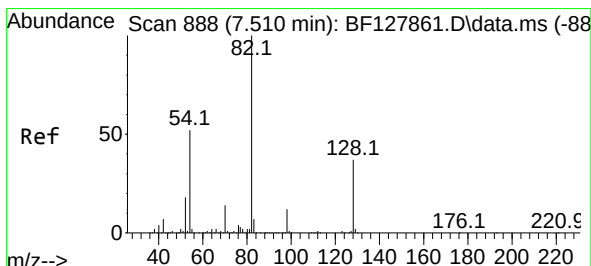
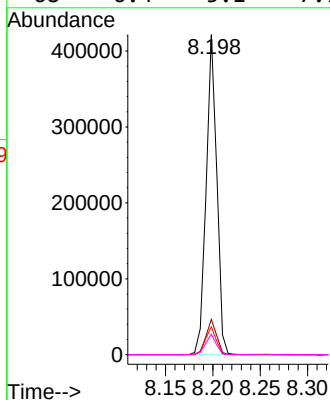
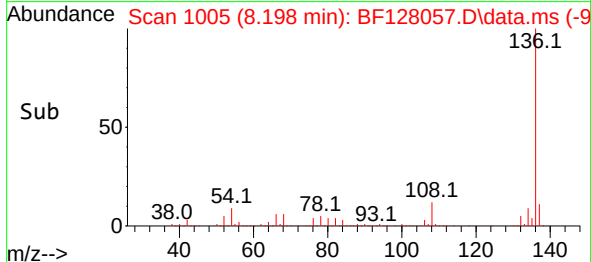
Instrument :
BNA_F
ClientSampleId :
22L097-B



Tgt Ion:136 Resp: 32788
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.8 10.2
68 6.4 5.1 7.7

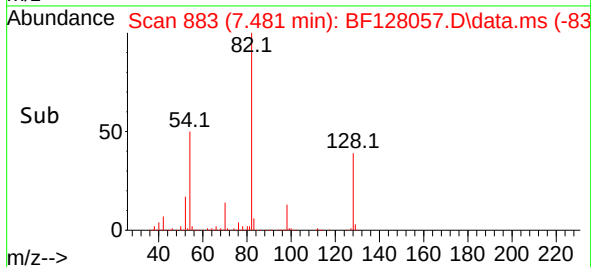
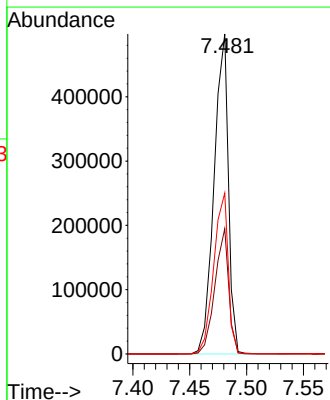
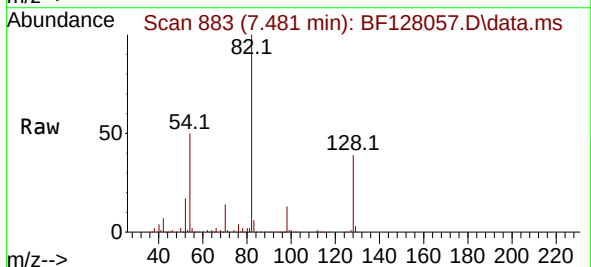
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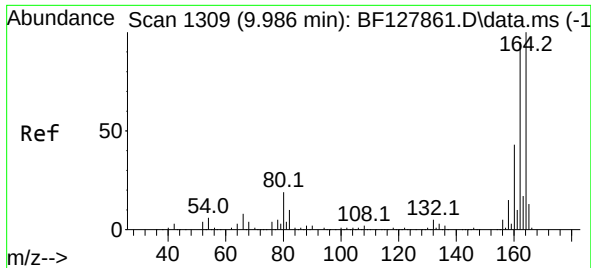
Reviewed By :Christian Giraldo 05/04/2022
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#23
Nitrobenzene-d5
Concen: 62.629 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

Tgt Ion: 82 Resp: 436700
Ion Ratio Lower Upper
82 100
128 39.1 30.0 45.0
54 50.3 41.3 61.9





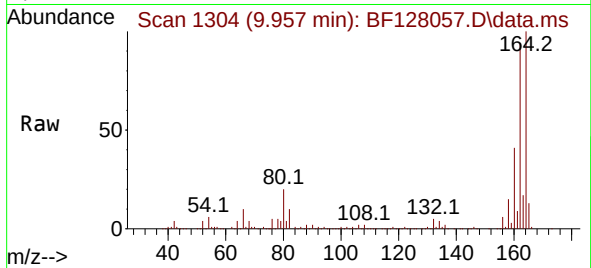
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

Instrument :

BNA_F

ClientSampleId :

22L097-B

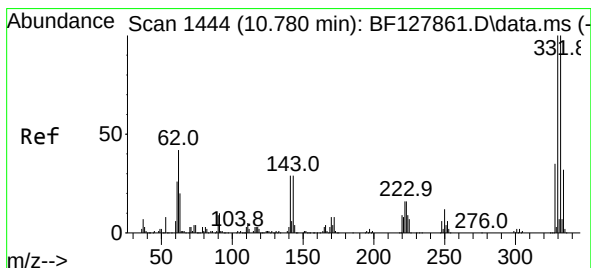
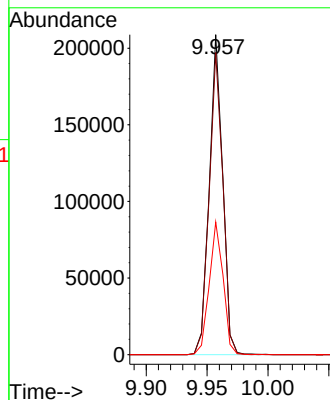
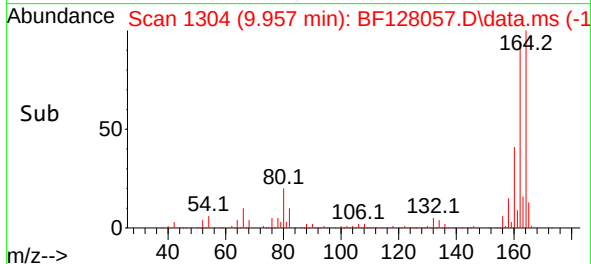


Tgt Ion:164 Resp: 15974
Ion Ratio Lower Upper
164 100
162 94.4 76.0 114.0
160 41.5 34.8 52.2

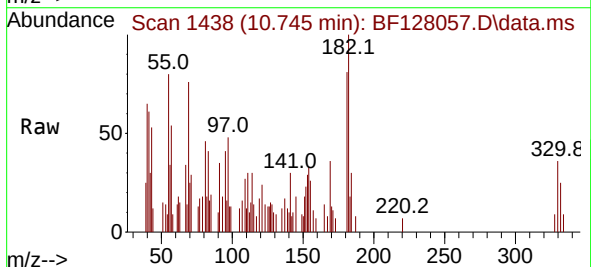
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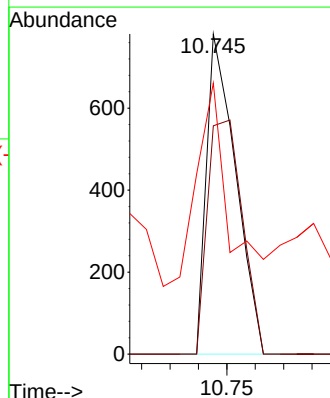
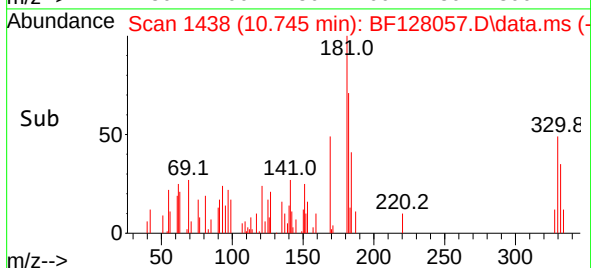
Reviewed By :Christian Giraldo 05/04/2022
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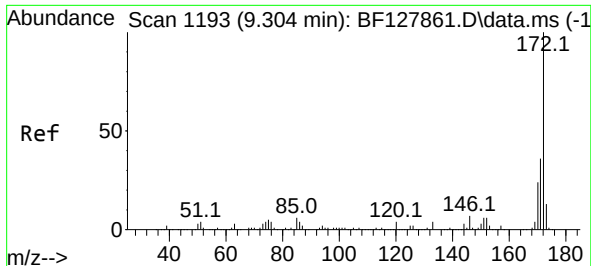


#42
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38



Tgt Ion:330 Resp: 556
Ion Ratio Lower Upper
330 100
332 87.8 79.0 118.4
141 66.9 28.9 43.3#





#45

2-Fluorobiphenyl

Concen: 73.473 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128057.D

Acq: 03 May 2022 20:38

Instrument :

BNA_F

ClientSampleId :

22L097-B

Tgt Ion:172 Resp: 69375

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

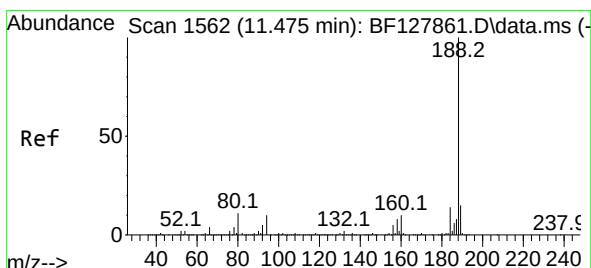
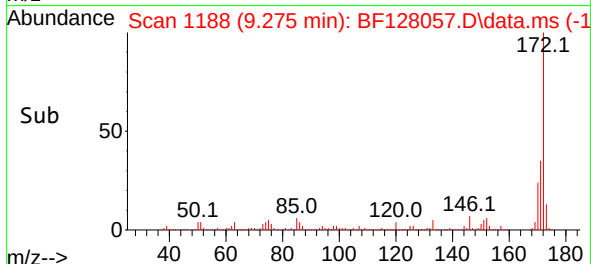
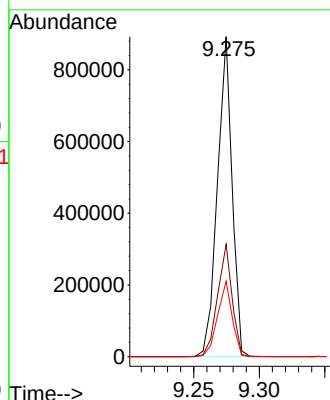
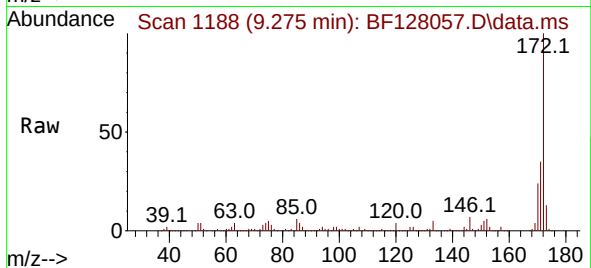
170 23.6 19.1 28.7

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF128057.D

Acq: 03 May 2022 20:38

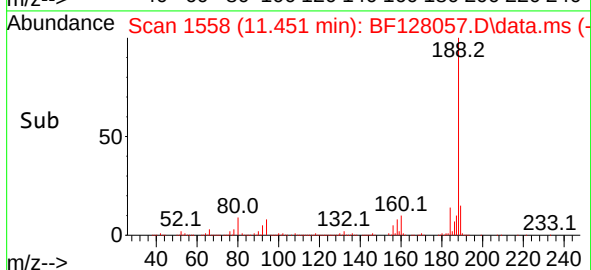
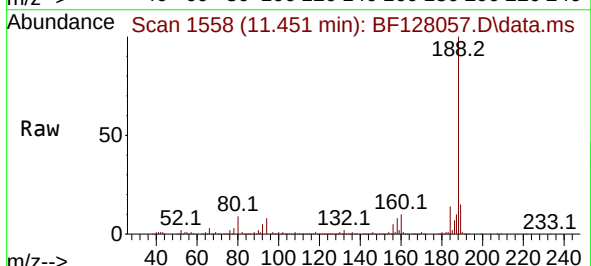
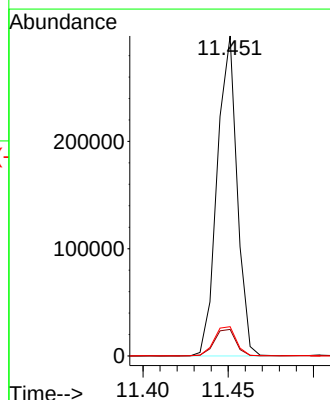
Tgt Ion:188 Resp: 242555

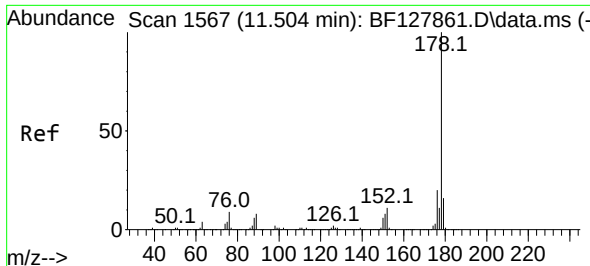
Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

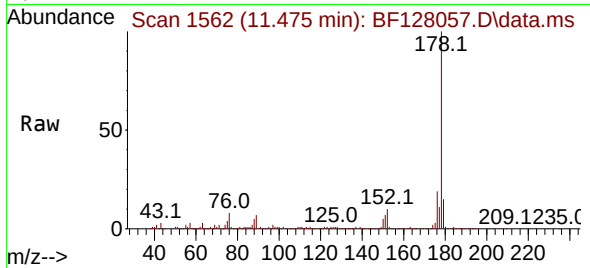
80 9.2 8.9 13.3





#71
Phenanthrene
Concen: 6.387 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

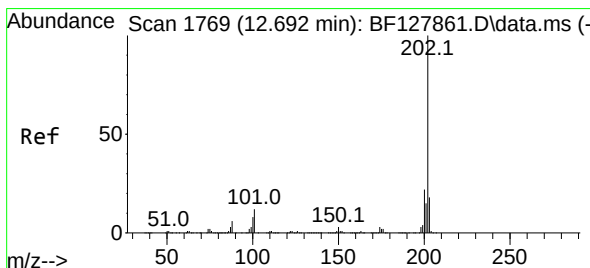
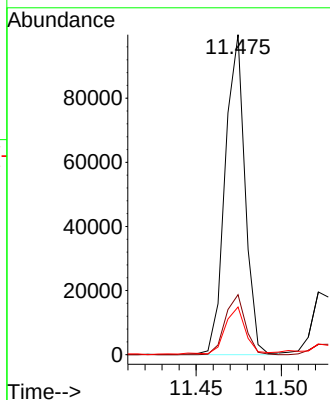
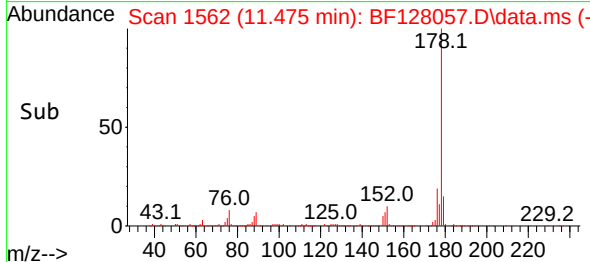
Instrument :
BNA_F
ClientSampleId :
22L097-B



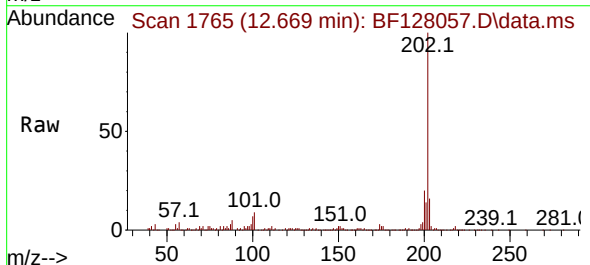
Tgt Ion:178 Resp: 81095
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 14.9 12.6 19.0

Manual Integrations
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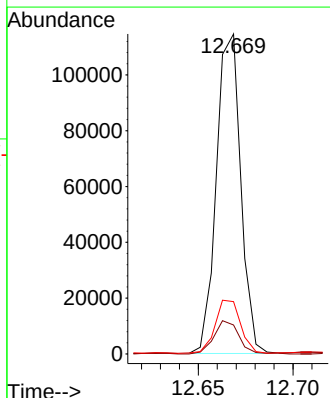
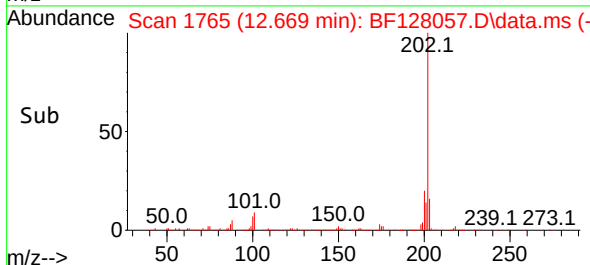
Reviewed By :Christian Giraldo 05/04/2022
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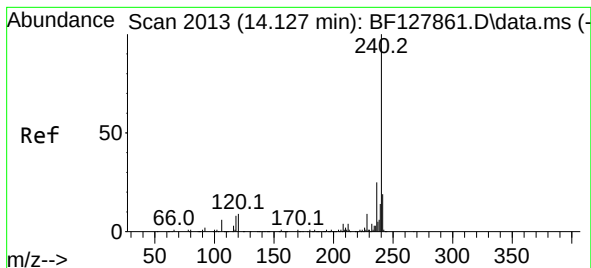


#75
Fluoranthene
Concen: 7.682 ng
RT: 12.669 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38



Tgt Ion:202 Resp: 102648
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.6
203 16.3 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: BF128057.D

Acq: 03 May 2022 20:38

Instrument :

BNA_F

ClientSampleId :

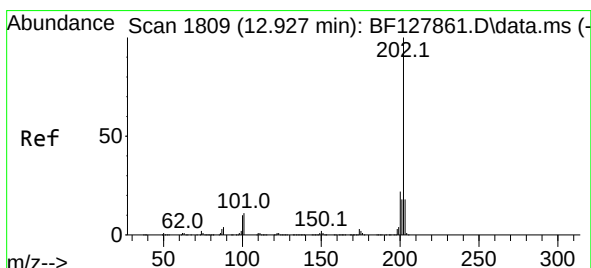
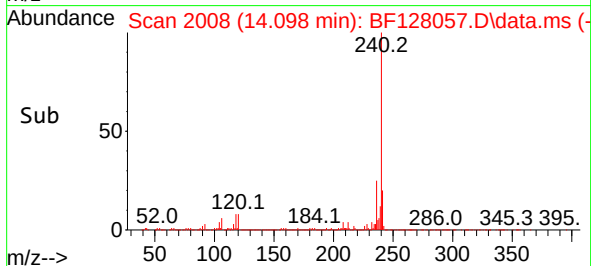
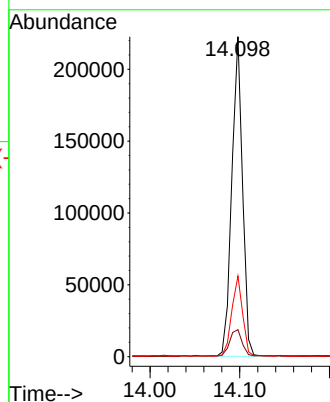
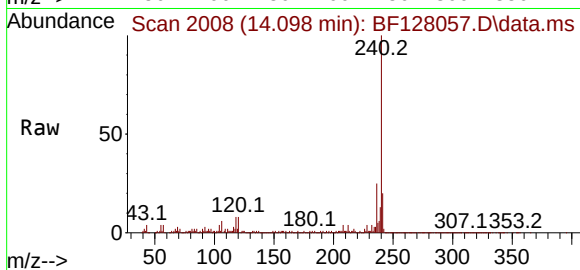
22L097-B

Tgt Ion:240 Resp: 184097
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 25.2 20.3 30.5

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#78

Pyrene

Concen: 6.362 ng

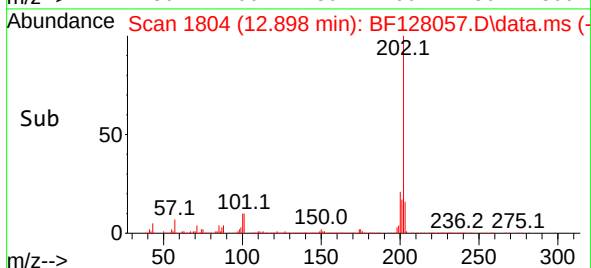
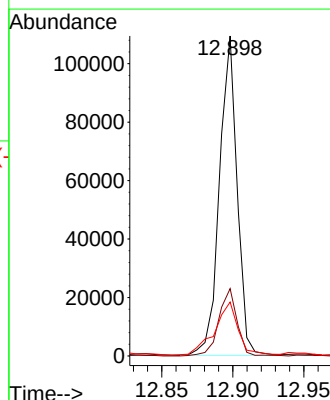
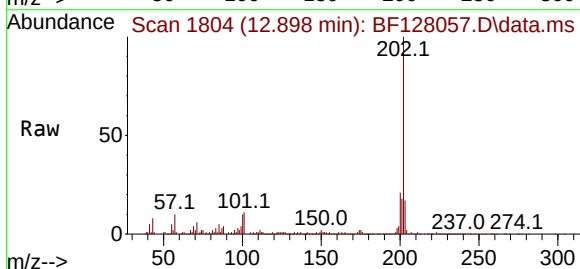
RT: 12.898 min Scan# 1804

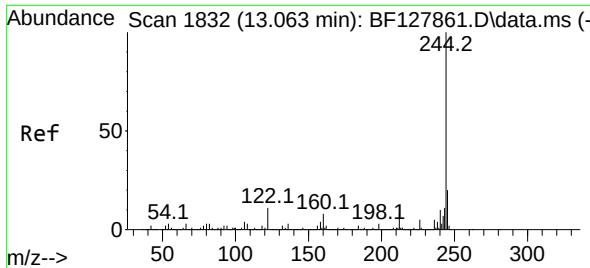
Delta R.T. -0.006 min

Lab File: BF128057.D

Acq: 03 May 2022 20:38

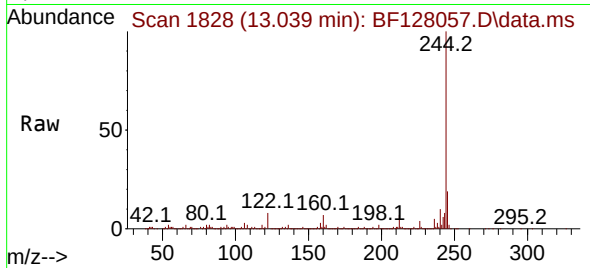
Tgt Ion:202 Resp: 94540
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.2
 203 16.8 14.0 21.0





#79
 Terphenyl-d14
 Concen: 61.345 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128057.D
 Acq: 03 May 2022 20:38

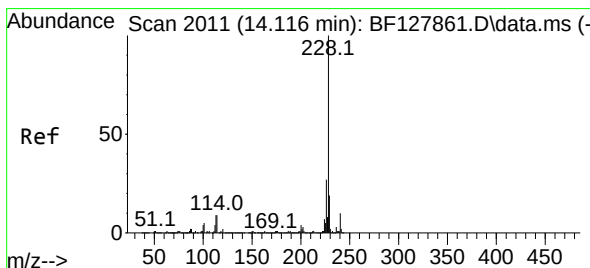
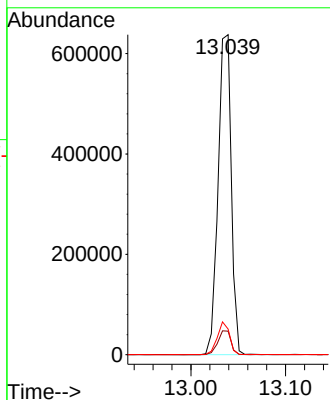
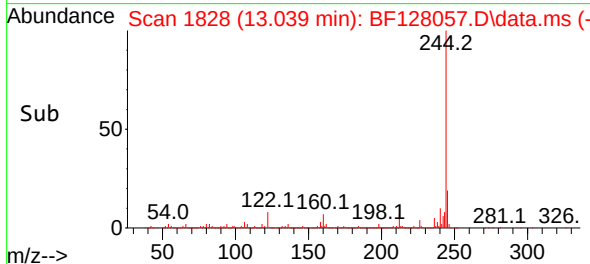
Instrument :
 BNA_F
 ClientSampleId :
 22L097-B



Tgt Ion:244 Resp: 61761
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.0 8.6 12.8

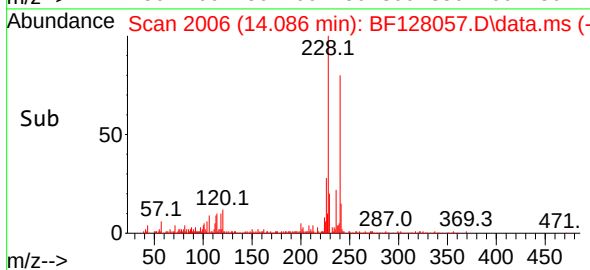
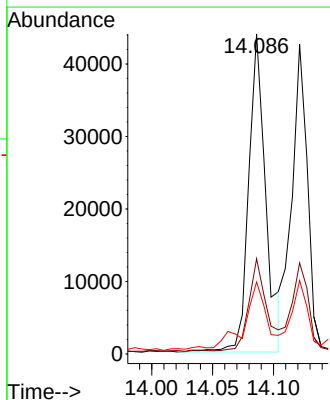
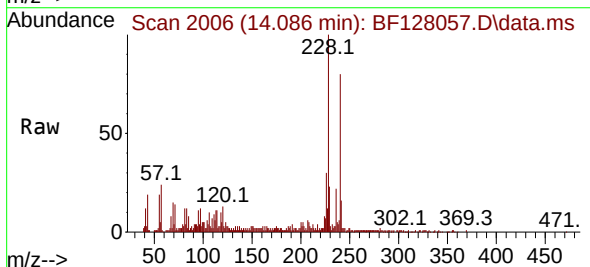
Manual Integrations
 APPROVED

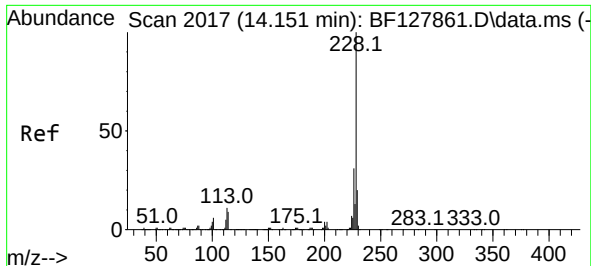
Reviewed By :Christian Giraldo 05/04/2022
 Supervised By :Jagrut Upadhyay 05/04/2022



#81
 Benzo(a)anthracene
 Concen: 3.495 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF128057.D
 Acq: 03 May 2022 20:38

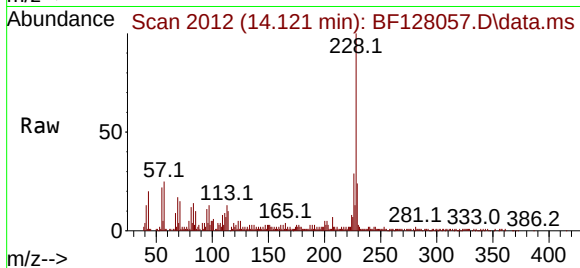
Tgt Ion:228 Resp: 42888
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.7 32.5
 229 22.5 15.4 23.2





#83
Chrysene
Concen: 3.270 ng
RT: 14.121 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

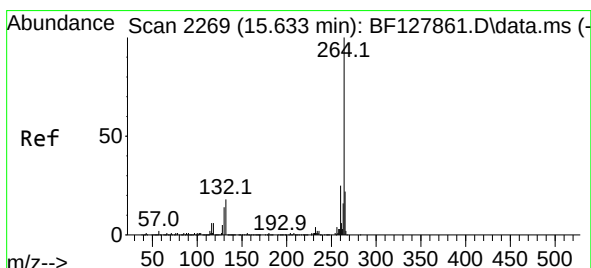
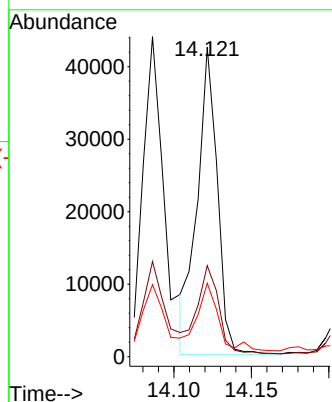
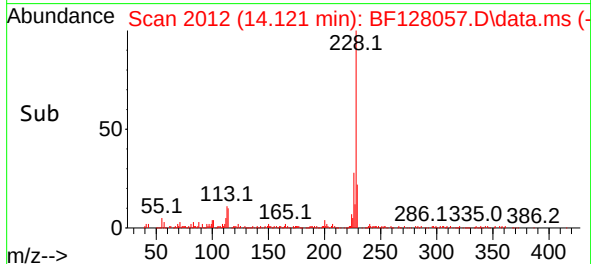
Instrument : BNA_F
ClientSampleId : 22L097-B



Tgt Ion:228 Resp: 3832
Ion Ratio Lower Upper
228 100
226 29.4 24.4 36.6
229 23.7 15.8 23.8

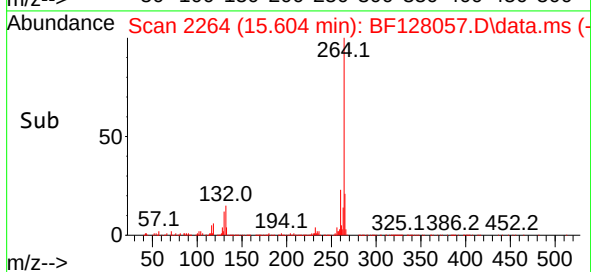
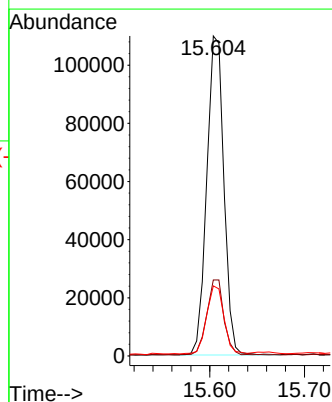
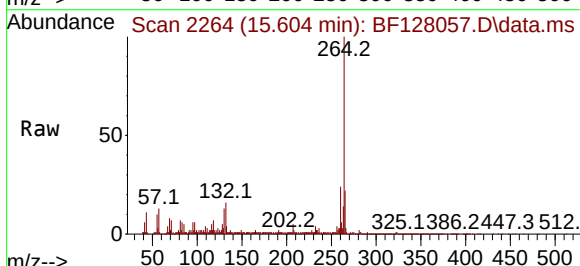
Manual Integrations
APPROVED

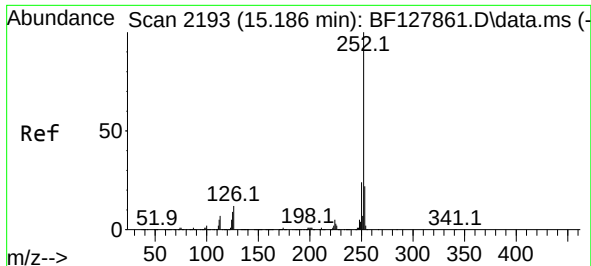
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

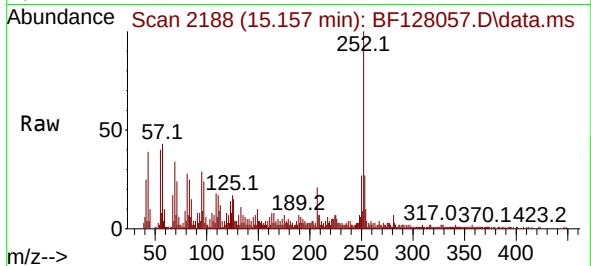
Tgt Ion:264 Resp: 137882
Ion Ratio Lower Upper
264 100
260 23.8 20.1 30.1
265 21.9 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 4.422 ng m
RT: 15.157 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38

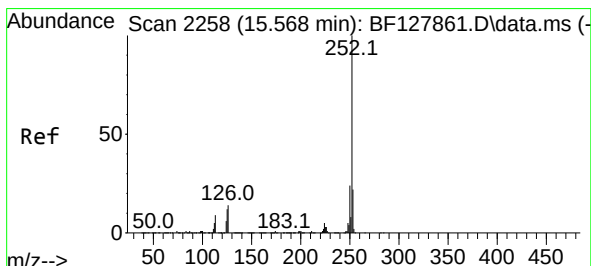
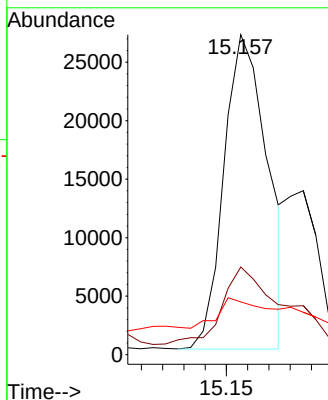
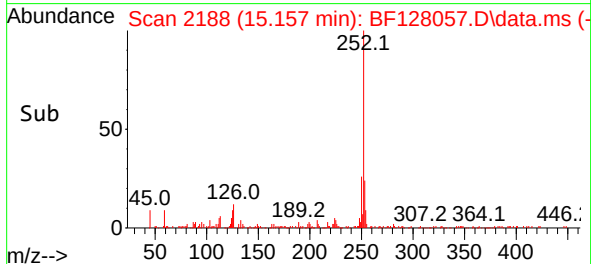
Instrument :
BNA_F
ClientSampleId :
22L097-B



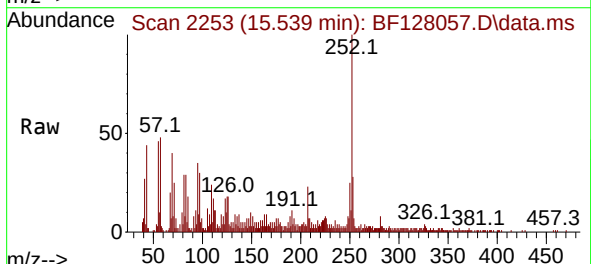
Tgt Ion:252 Resp: 38294
Ion Ratio Lower Upper
252 100
253 27.4 17.4 26.2
125 16.5 7.4 11.2

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 3.749 ng
RT: 15.539 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF128057.D
Acq: 03 May 2022 20:38



Tgt Ion:252 Resp: 26931
Ion Ratio Lower Upper
252 100
253 28.4 17.8 26.6#
125 18.2 9.2 13.8#

