

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129428.D
 Acq On : 29 Jul 2022 01:48
 Operator : CG\JU
 Sample : N3925-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-072722-A

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 02:11:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	178928	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	645960	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	284817	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	417231	20.000	ng	0.00
76) Chrysene-d12	14.068	240	294630	20.000	ng	0.00
86) Perylene-d12	15.562	264	222833	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1382365	125.853	ng	0.02
7) Phenol-d6	6.528	99	1677364	121.494	ng	0.01
23) Nitrobenzene-d5	7.451	82	1037490	87.676	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	314569	114.877	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1656642	89.979	ng	0.00
79) Terphenyl-d14	13.010	244	1475552	94.483	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.439	178	70226	3.083	ng	99
75) Fluoranthene	12.639	202	160374	6.950	ng	99
78) Pyrene	12.868	202	187777	7.622	ng	99
81) Benzo(a)anthracene	14.057	228	84128	4.180	ng	# 92
83) Chrysene	14.092	228	92915m	4.898	ng	
87) Indeno(1,2,3-cd)pyrene	17.080	276	38200	2.546	ng	98
88) Benzo(b)fluoranthene	15.121	252	88621m	5.996	ng	
89) Benzo(k)fluoranthene	15.145	252	32112m	2.217	ng	
90) Benzo(a)pyrene	15.498	252	64215	5.352	ng	# 82
92) Benzo(g,h,i)perylene	17.539	276	42308	3.390	ng	# 83

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

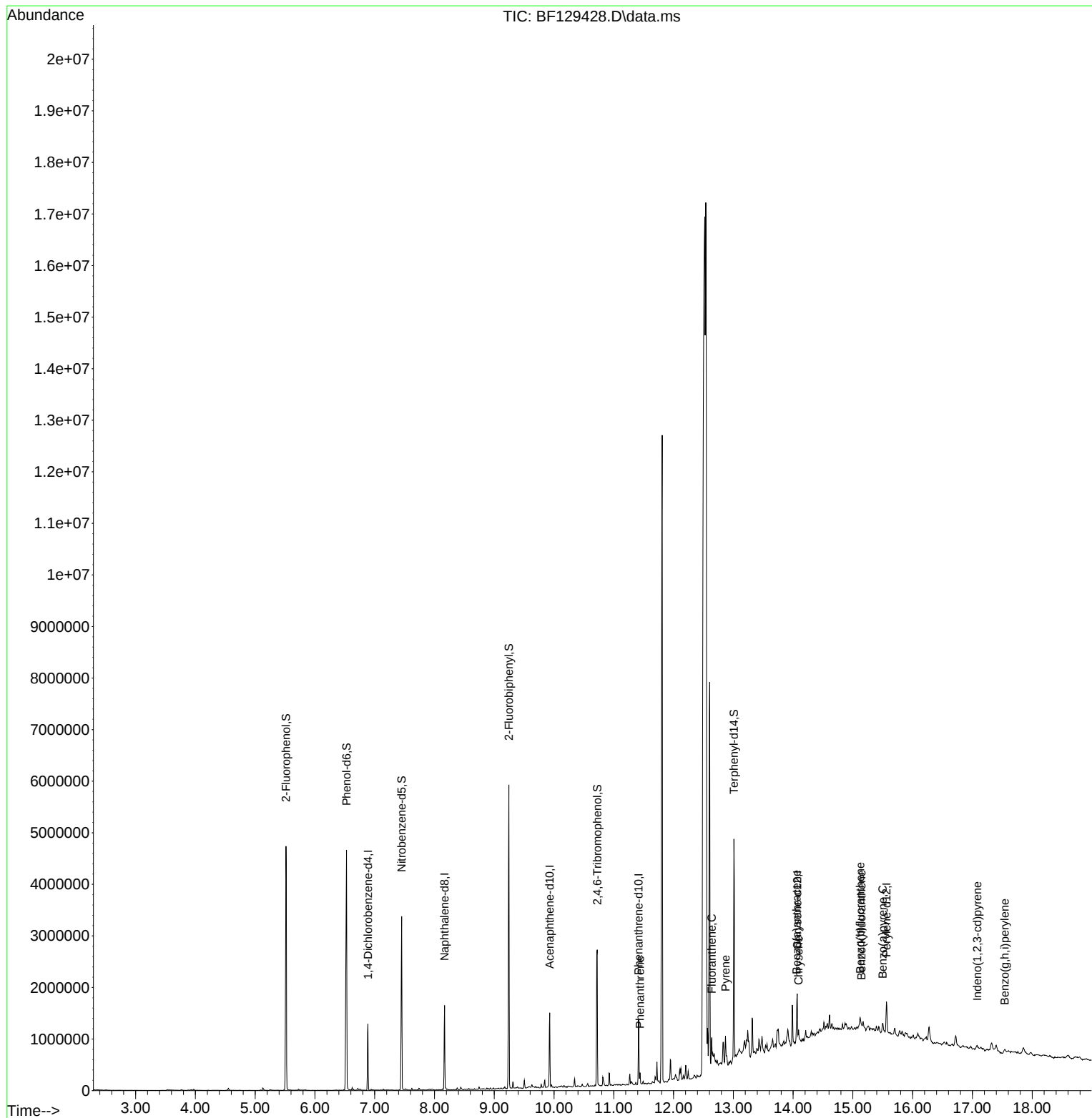
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129428.D
Acq On : 29 Jul 2022 01:48
Operator : CG\JU
Sample : N3925-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

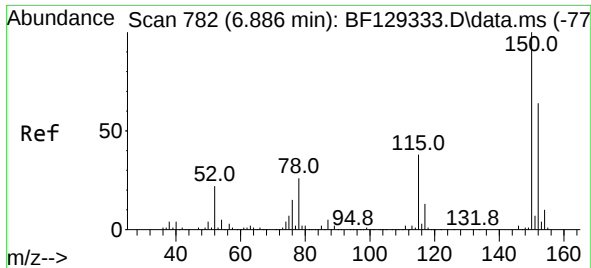
Instrument :
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ClientSampleId :
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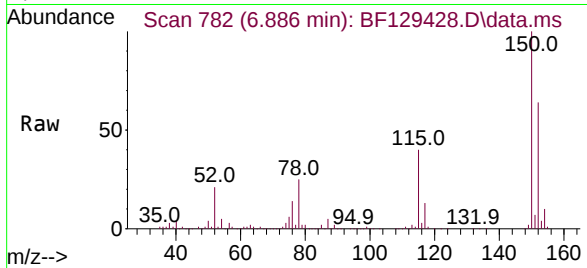
Quant Time: Jul 29 02:11:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

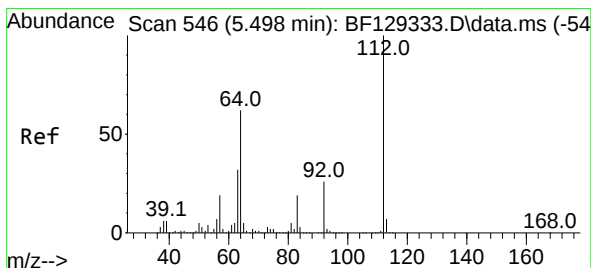
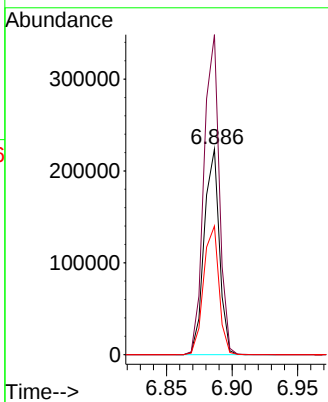
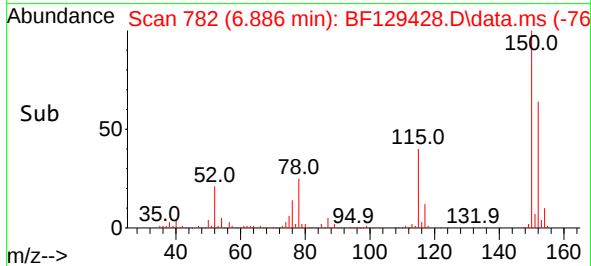
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A



Tgt Ion:152 Resp: 178928
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 62.5 49.9 74.9

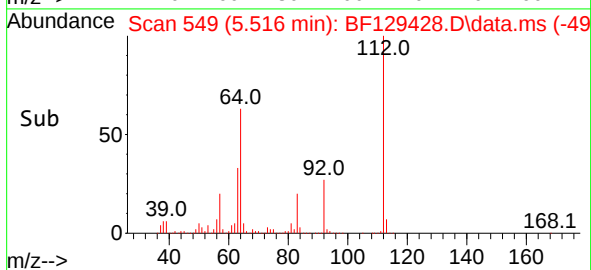
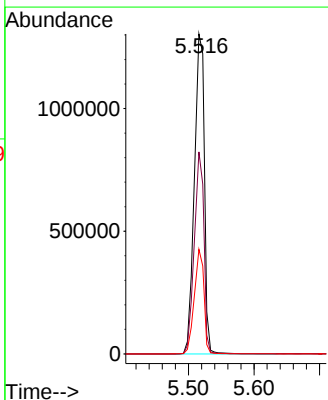
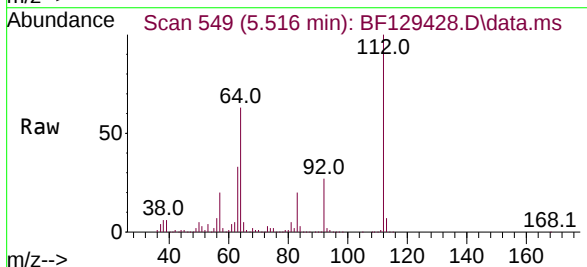
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#5
2-Fluorophenol
Concen: 125.853 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

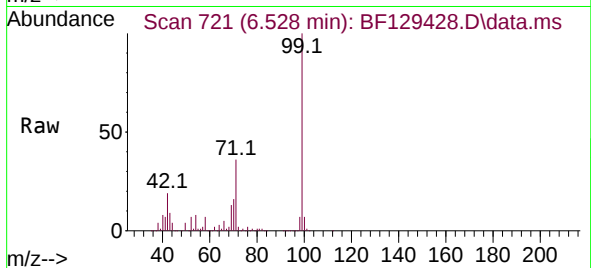
Tgt Ion:112 Resp: 1382365
Ion Ratio Lower Upper
112 100
64 63.1 53.3 79.9
63 32.7 28.0 42.0





#7
Phenol-d6
Concen: 121.494 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

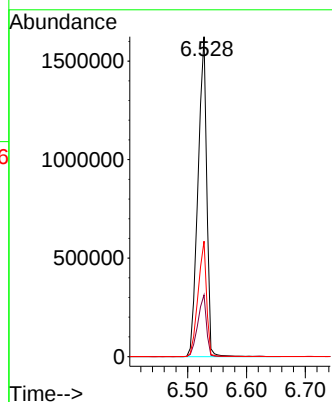
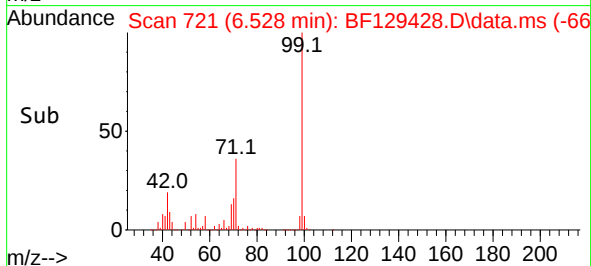
Instrument :
BNA_F
Client Sample Id :
JC-03-072722-A



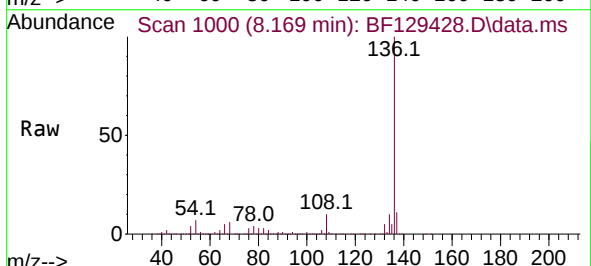
Tgt Ion: 99 Resp: 1677364
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 36.1 28.9 43.3

Manual Integrations
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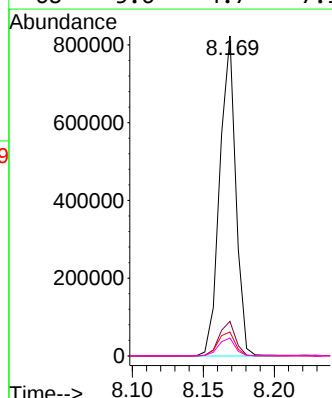
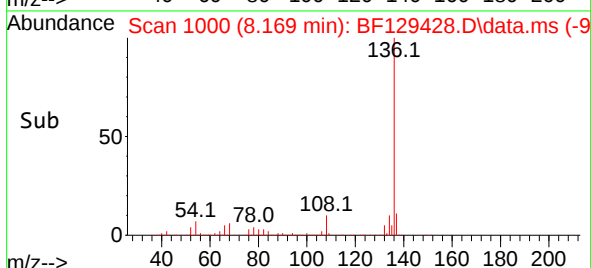
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

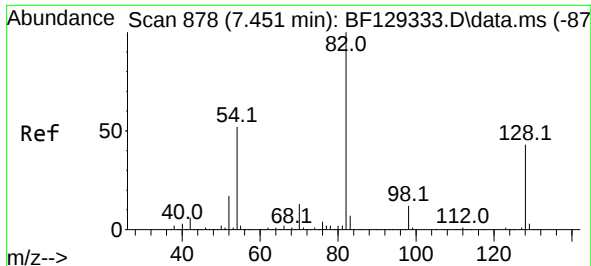


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48



Tgt Ion:136 Resp: 645960
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.5 7.5 11.3#
68 5.6 4.7 7.1





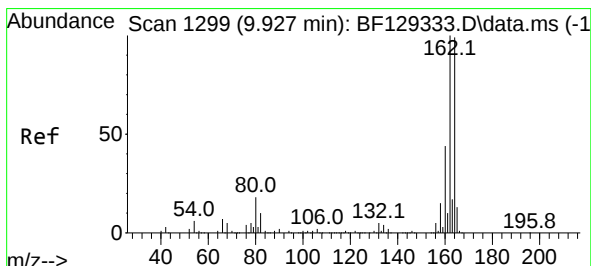
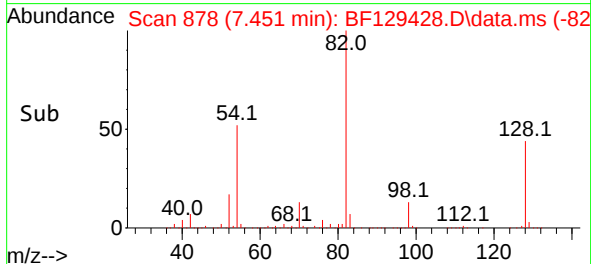
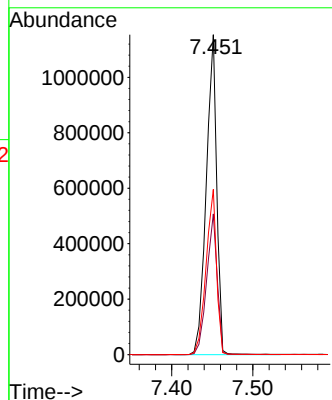
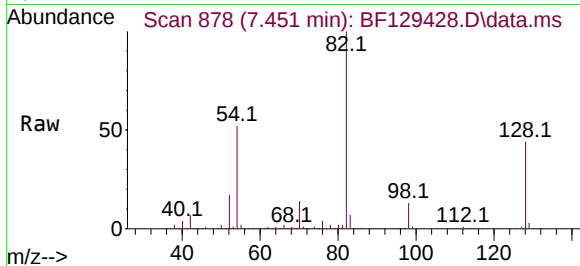
#23
Nitrobenzene-d5
Concen: 87.676 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A

Tgt Ion: 82 Resp: 1037490
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 51.7 46.9 70.3

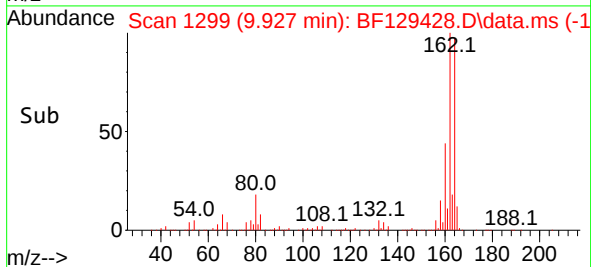
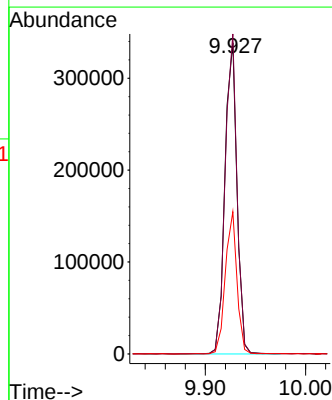
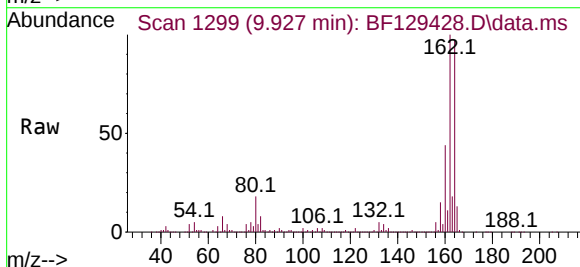
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion:164 Resp: 284817
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.7 34.2 51.4





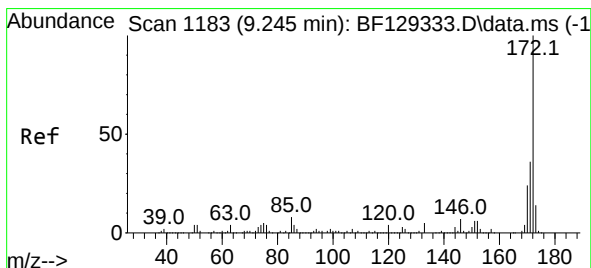
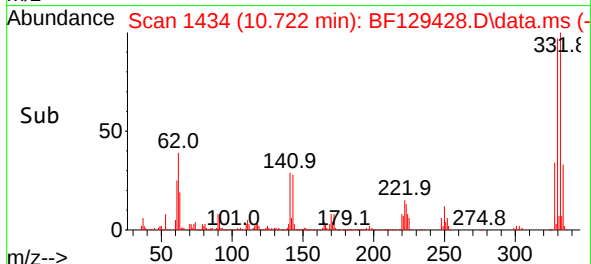
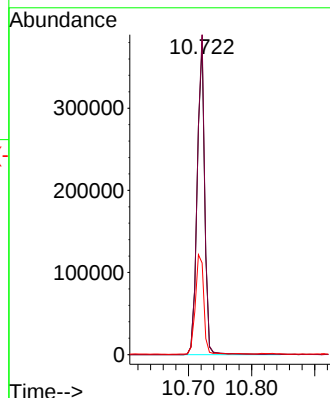
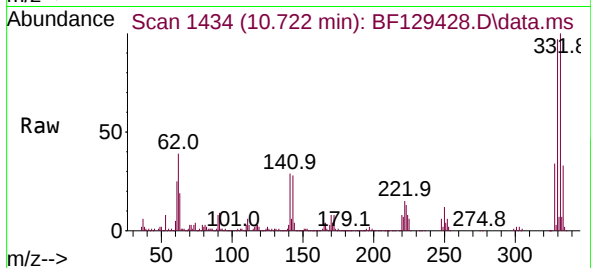
#42
2,4,6-Tribromophenol
Concen: 114.877 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A

Tgt Ion: 330 Resp: 314569
Ion Ratio Lower Upper
330 100
332 101.7 76.8 115.2
141 36.1 28.0 42.0

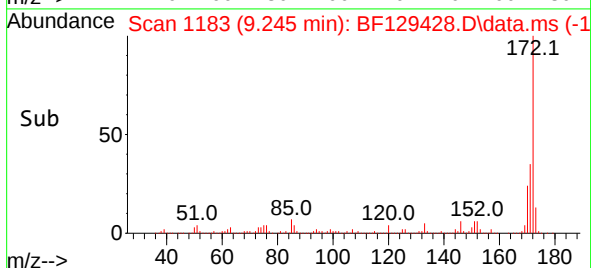
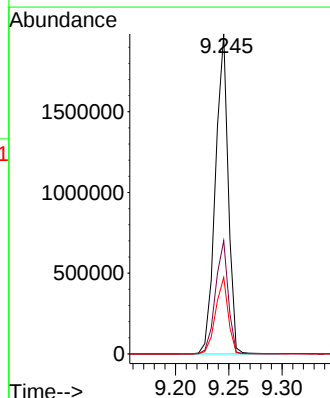
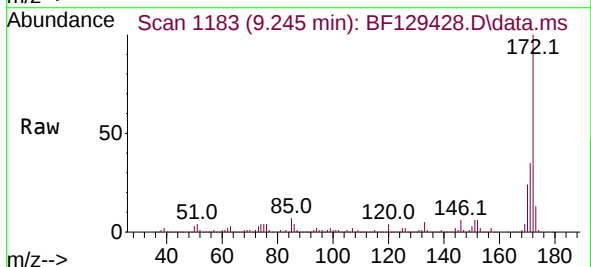
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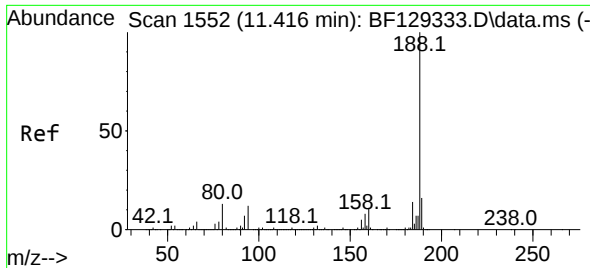
Reviewed By : Christian Giraldo 07/29/2022
Supervised By : Jagrut Upadhyay 07/29/2022



#45
2-Fluorobiphenyl
Concen: 89.979 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion: 172 Resp: 1656642
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.9 19.8 29.8





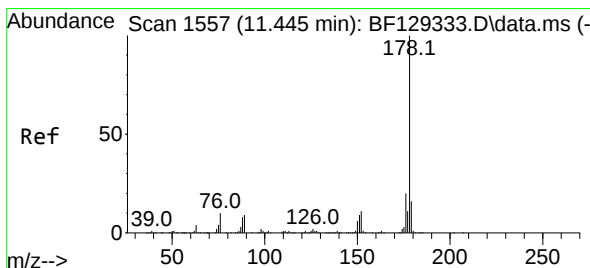
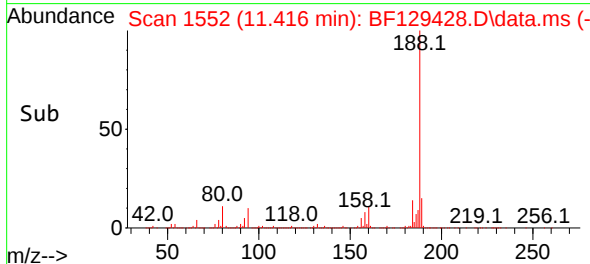
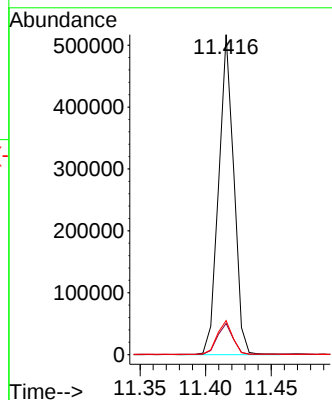
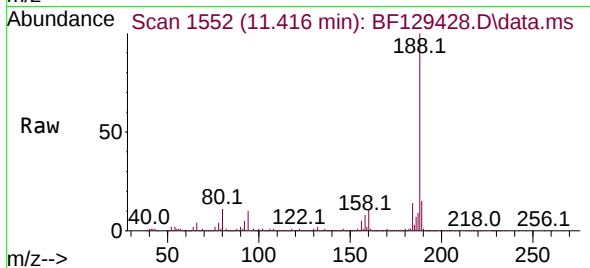
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A

Tgt Ion:188 Resp: 417231
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.6 7.6 11.4

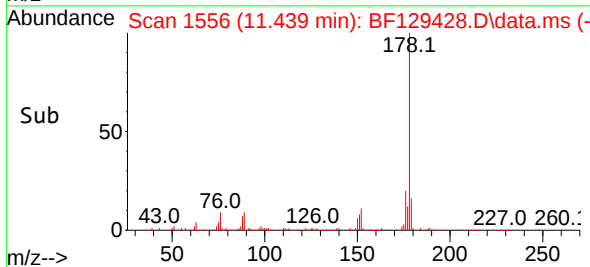
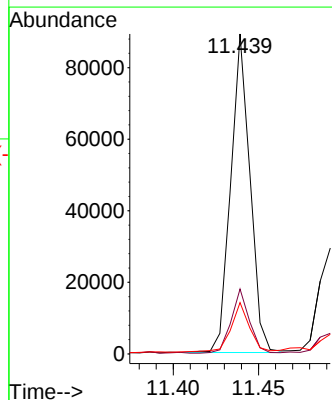
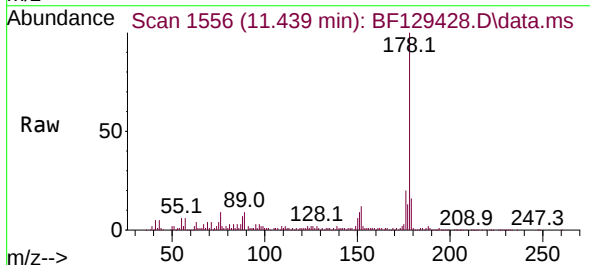
Manual Integrations
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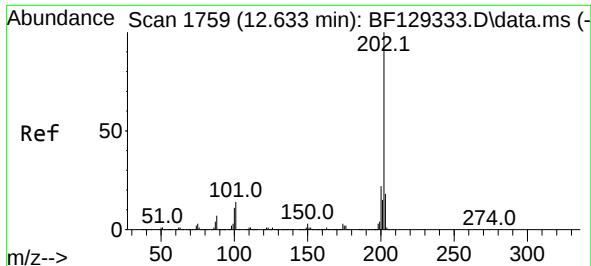
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#71
Phenanthrene
Concen: 3.083 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

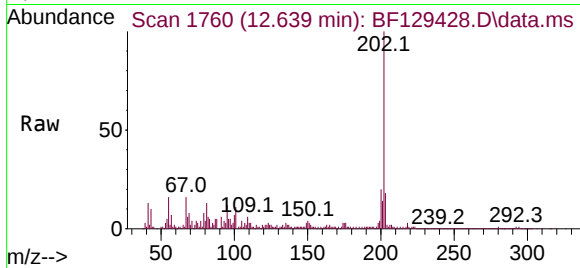
Tgt Ion:178 Resp: 70226
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.0 12.6 19.0





#75
Fluoranthene
Concen: 6.950 ng
RT: 12.639 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

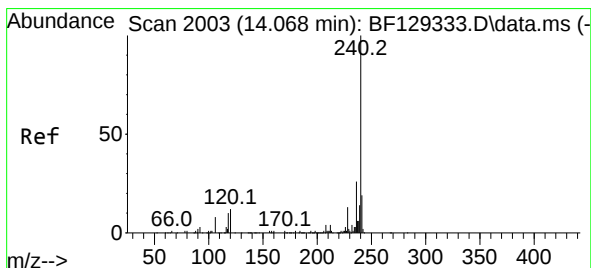
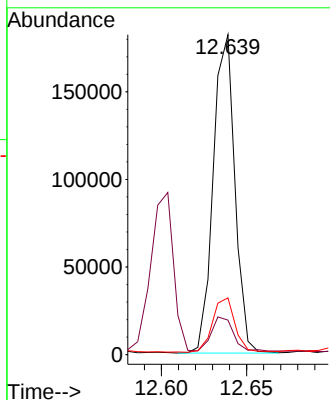
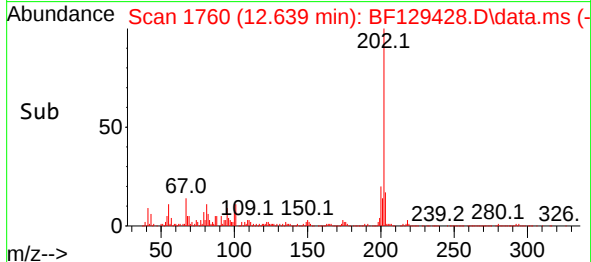
Instrument :
BNA_F
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JC-03-072722-A



Tgt Ion:202 Resp: 160374
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.7 0.0 38.0

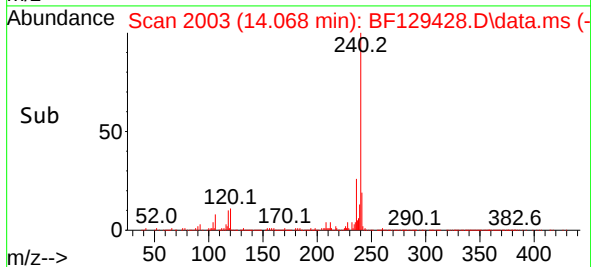
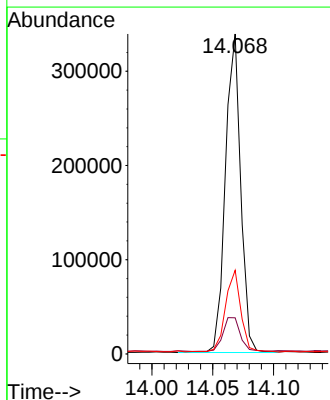
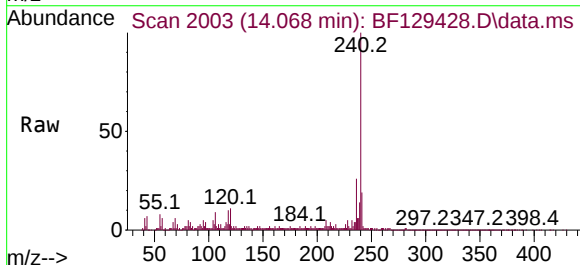
Manual Integrations
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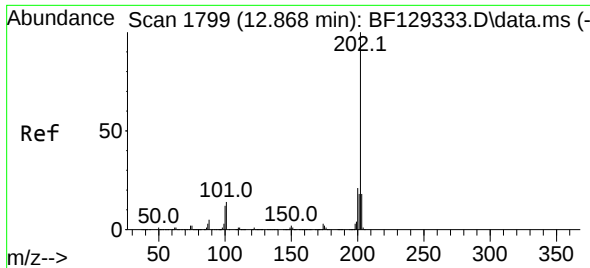
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

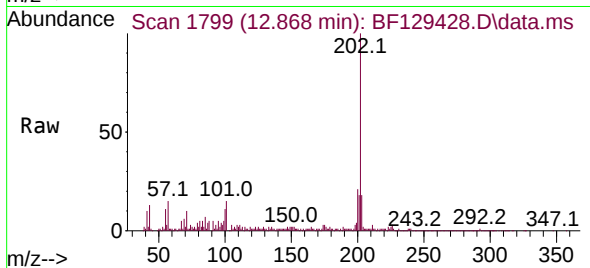
Tgt Ion:240 Resp: 294630
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.1 20.8 31.2





#78
Pyrene
Concen: 7.622 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

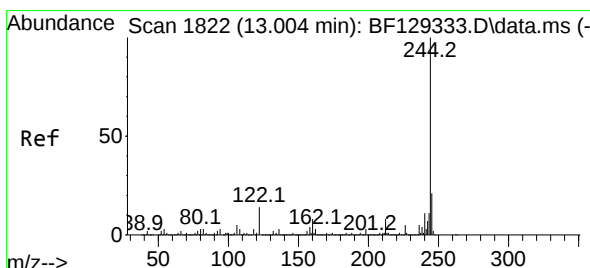
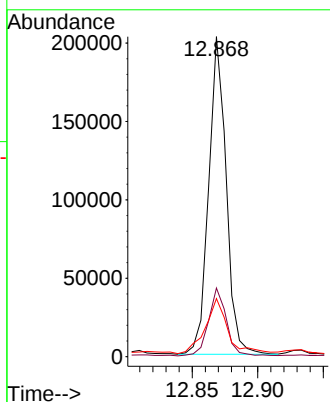
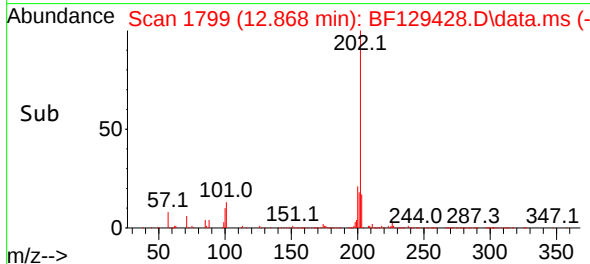
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A



Tgt Ion:202 Resp: 187772
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 18.1 14.6 21.8

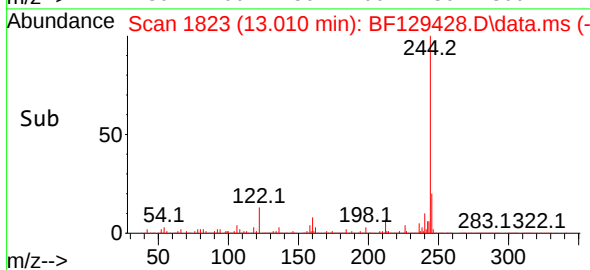
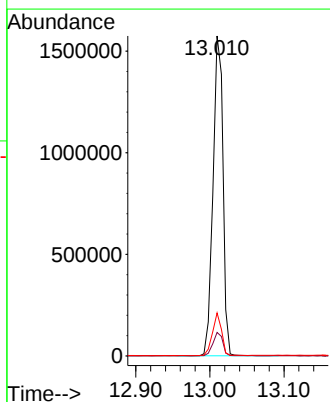
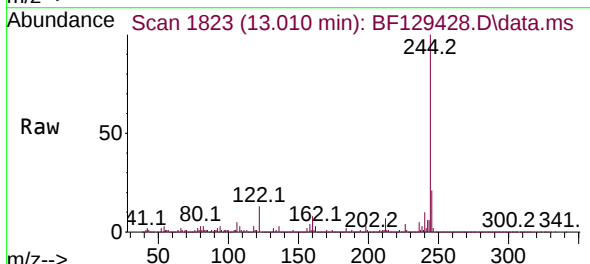
Manual Integrations
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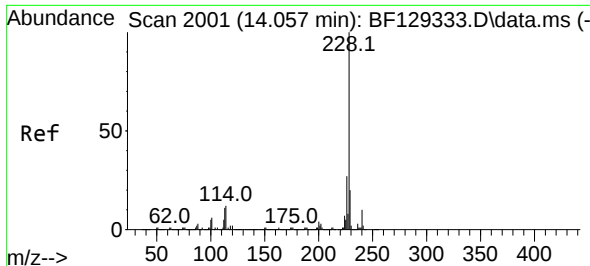
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#79
Terphenyl-d14
Concen: 94.483 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

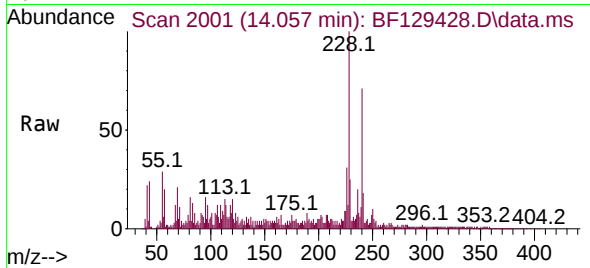
Tgt Ion:244 Resp: 1475552
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.4 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 4.180 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

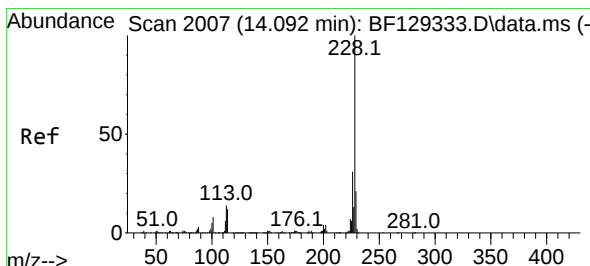
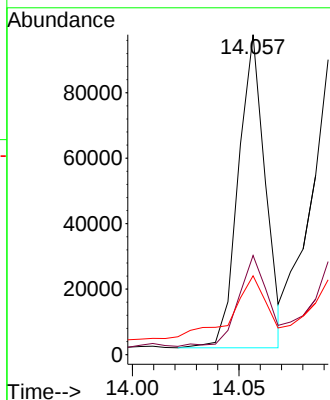
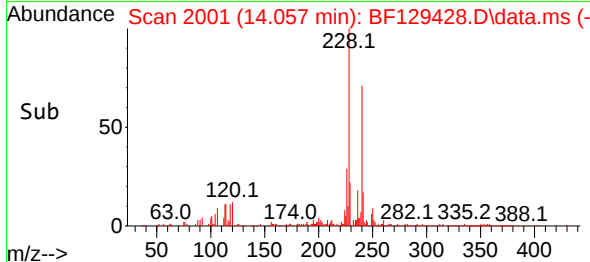
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A



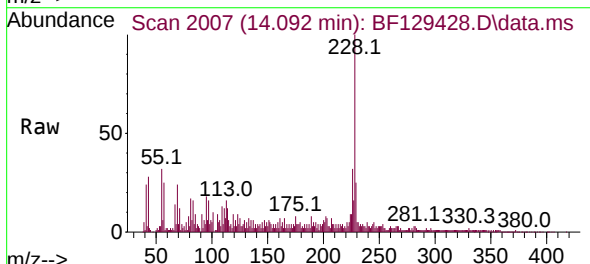
Tgt Ion:228 Resp: 84128
Ion Ratio Lower Upper
228 100
226 31.0 22.1 33.1
229 24.6 15.8 23.8

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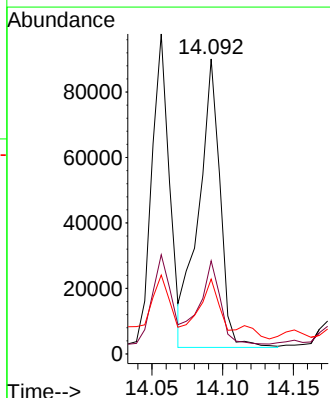
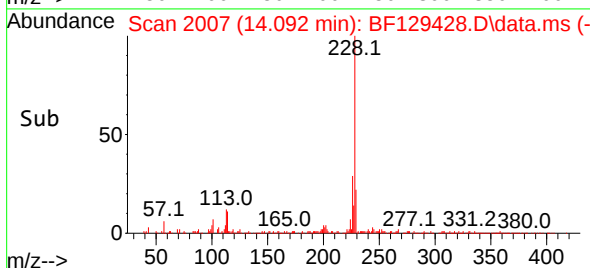
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

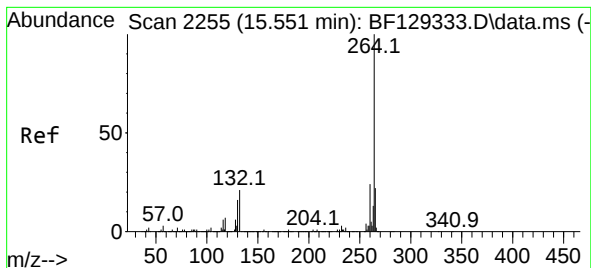


#83
Chrysene
Concen: 4.898 ng m
RT: 14.092 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48



Tgt Ion:228 Resp: 92915
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 25.3 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2255

Delta R.T. 0.012 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

Instrument :

BNA_F

ClientSampleId :

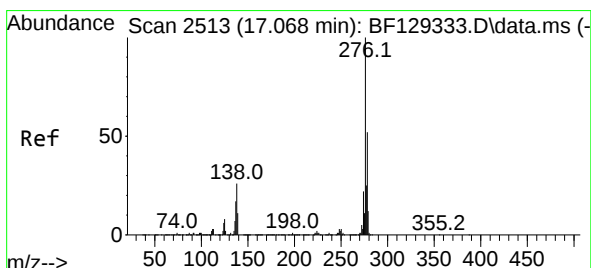
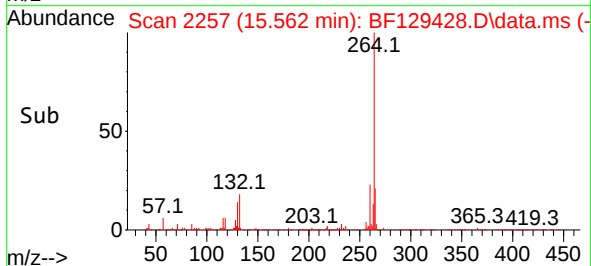
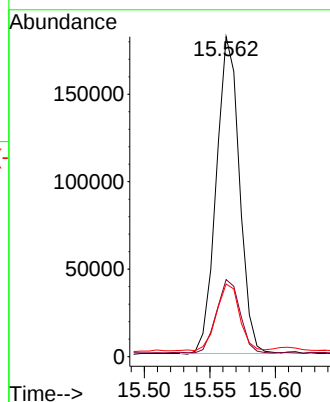
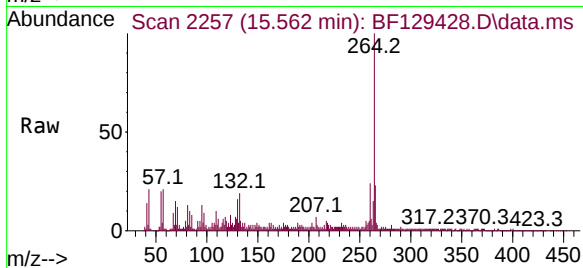
JC-03-072722-A

Tgt Ion:264 Resp: 222833
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.7 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.546 ng

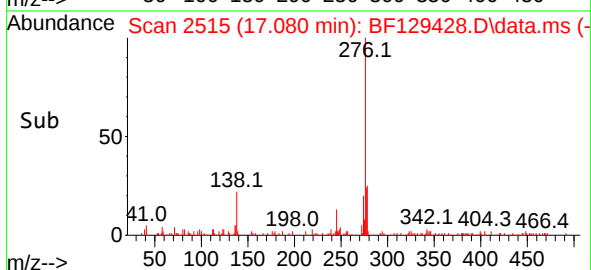
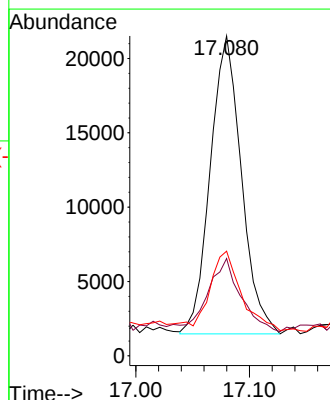
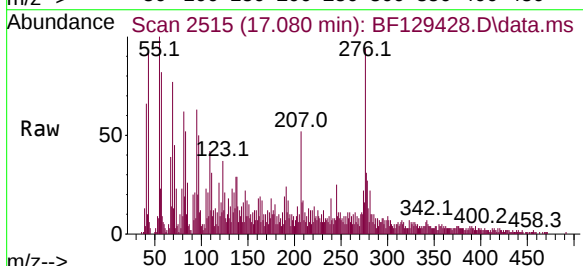
RT: 17.080 min Scan# 2515

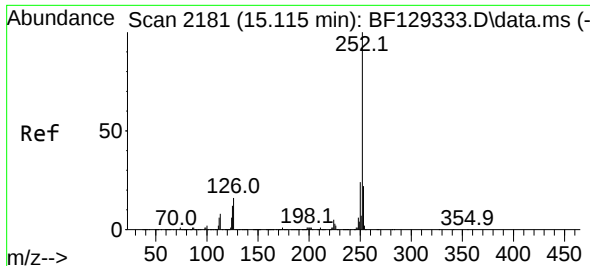
Delta R.T. 0.012 min

Lab File: BF129428.D

Acq: 29 Jul 2022 01:48

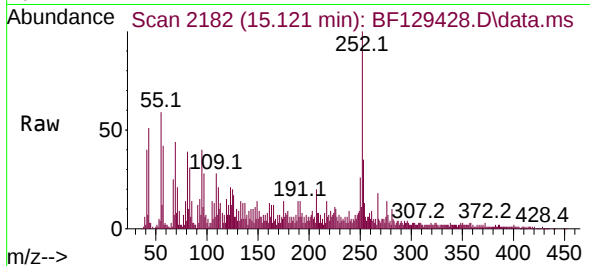
Tgt Ion:276 Resp: 38200
 Ion Ratio Lower Upper
 276 100
 138 25.5 21.1 31.7
 277 26.9 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 5.996 ng m
RT: 15.121 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

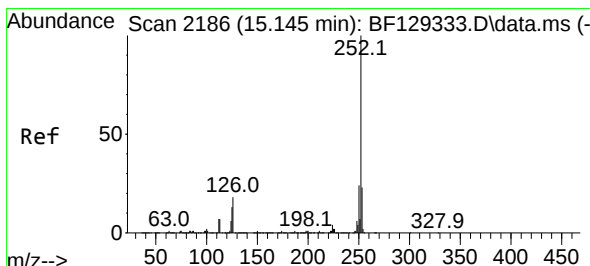
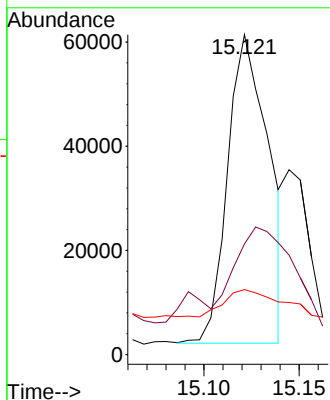
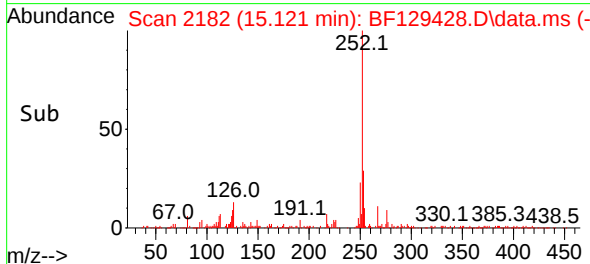
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A



Tgt Ion:252 Resp: 88621
Ion Ratio Lower Upper
252 100
253 34.6 17.7 26.5#
125 20.3 8.0 12.0#

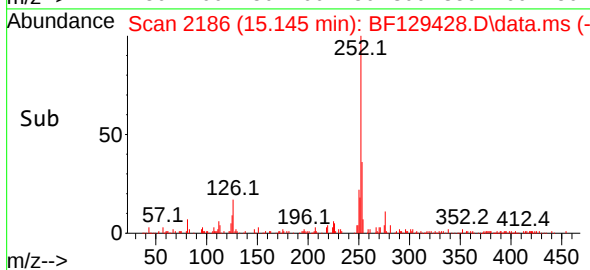
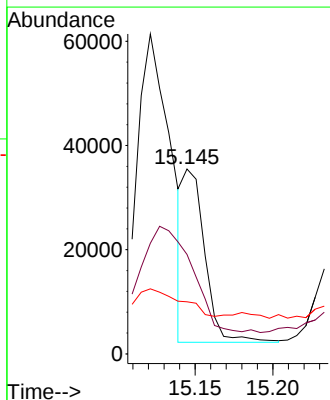
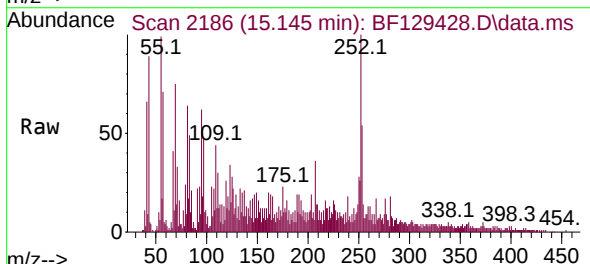
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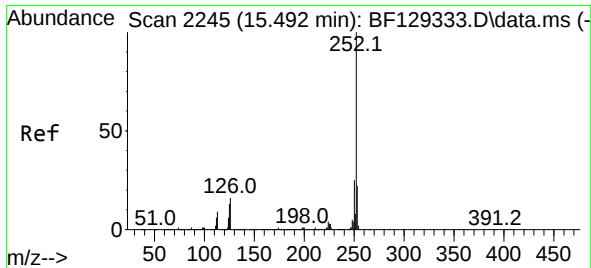
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#89
Benzo(k)fluoranthene
Concen: 2.217 ng m
RT: 15.145 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

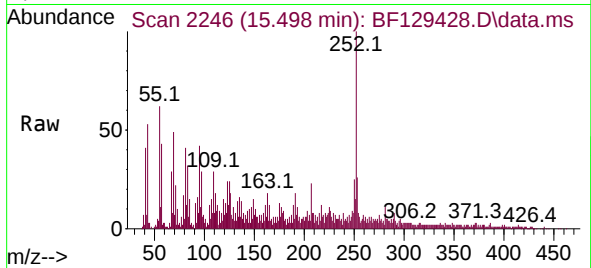
Tgt Ion:252 Resp: 32112
Ion Ratio Lower Upper
252 100
253 53.8 17.8 26.6#
125 28.2 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 5.352 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

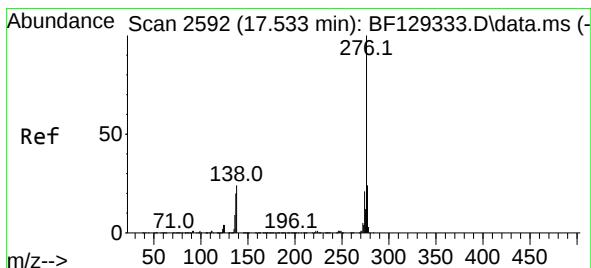
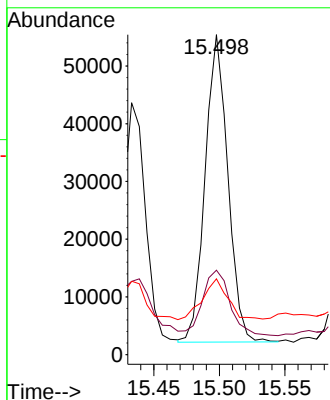
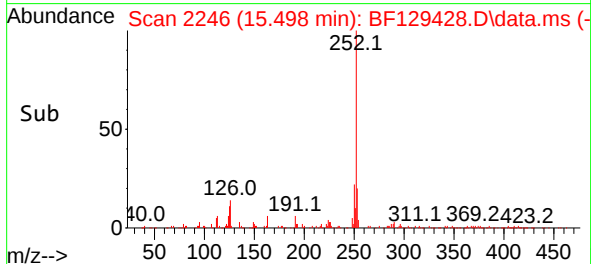
Instrument :
BNA_F
ClientSampleId :
JC-03-072722-A



Tgt Ion:252 Resp: 64215
Ion Ratio Lower Upper
252 100
253 26.4 17.0 25.6#
125 23.7 8.8 13.2#

Manual Integrations
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Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#92
Benzo(g,h,i)perylene
Concen: 3.390 ng
RT: 17.539 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF129428.D
Acq: 29 Jul 2022 01:48

Tgt Ion:276 Resp: 42308
Ion Ratio Lower Upper
276 100
277 33.4 19.1 28.7#
138 29.3 18.0 27.0#

