

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130418.D
 Acq On : 26 Sep 2022 20:56
 Operator : CG\JU
 Sample : N4809-07 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0923

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 01:08:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	78400	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	247587	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	109137	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	189804	20.000	ng	0.00
76) Chrysene-d12	13.798	240	216893	20.000	ng	0.00
86) Perylene-d12	15.192	264	204909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	34607	7.656	ng	0.00
7) Phenol-d6	6.293	99	41006	7.250	ng	0.00
23) Nitrobenzene-d5	7.216	82	25726	5.308	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	8605	8.229	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	47173	6.294	ng	0.00
79) Terphenyl-d14	12.751	244	57793	4.414	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.192	178	36041	3.382	ng	99
75) Fluoranthene	12.374	202	56638	5.500	ng	96
78) Pyrene	12.604	202	73654	3.882	ng	97
81) Benzo(a)anthracene	13.792	228	35171	2.438	ng	94
83) Chrysene	13.827	228	40418	2.950	ng	96
88) Benzo(b)fluoranthene	14.804	252	43092m	3.222	ng	
90) Benzo(a)pyrene	15.133	252	27656	2.610	ng	99

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

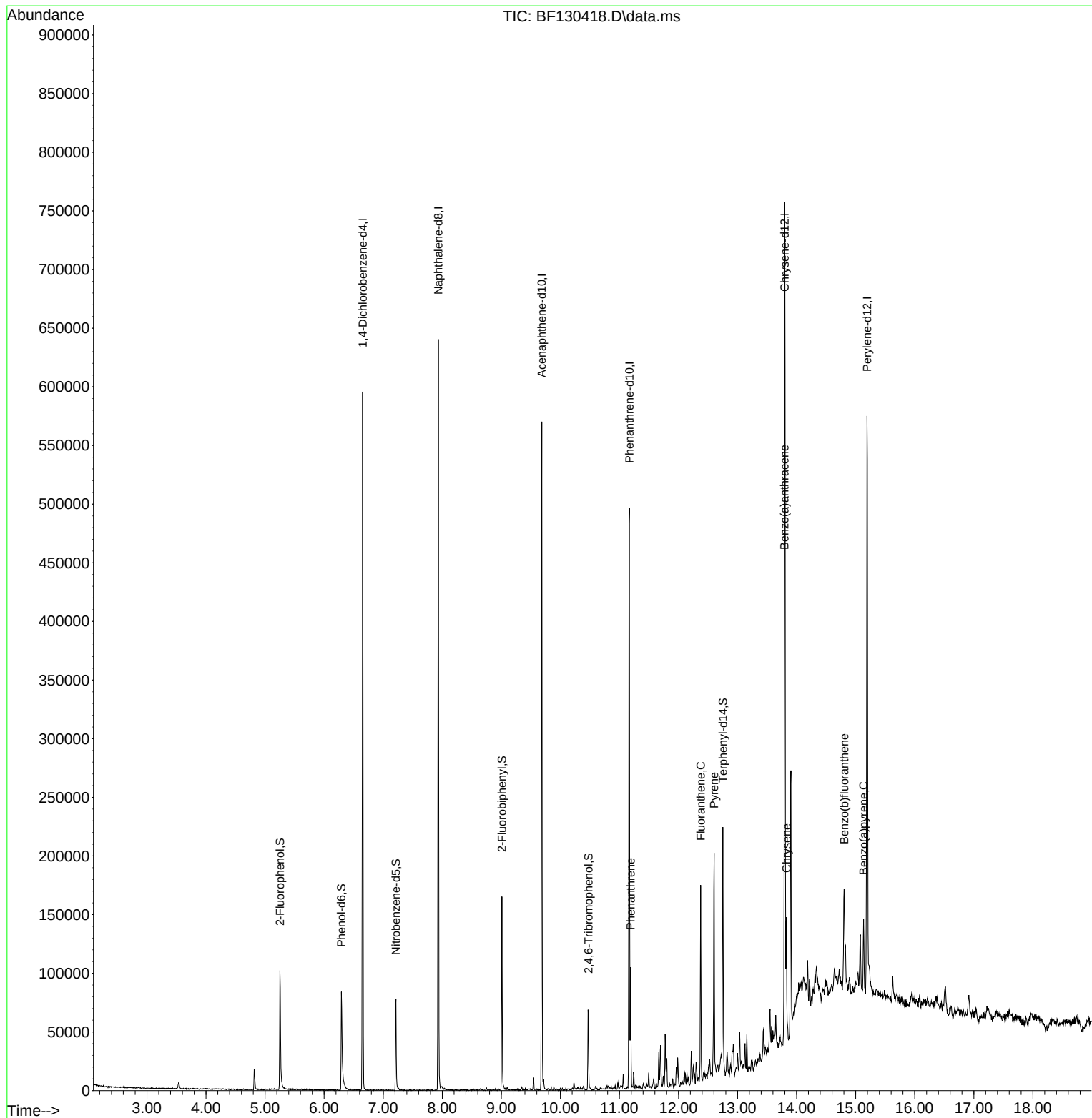
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130418.D
Acq On : 26 Sep 2022 20:56
Operator : CG\JU
Sample : N4809-07 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

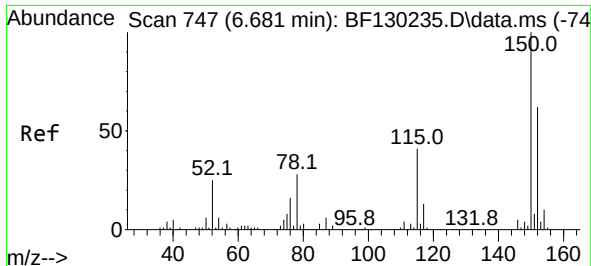
Instrument :
BNA_F
ClientSampleId :
TP3-0923

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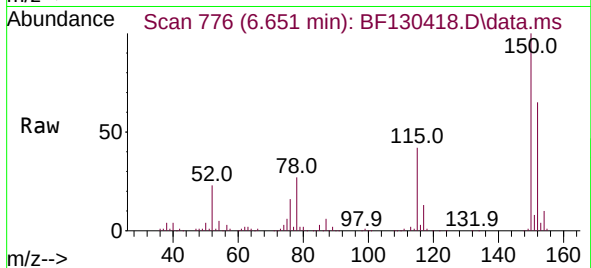
Quant Time: Sep 27 01:08:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 27 01:00:47 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

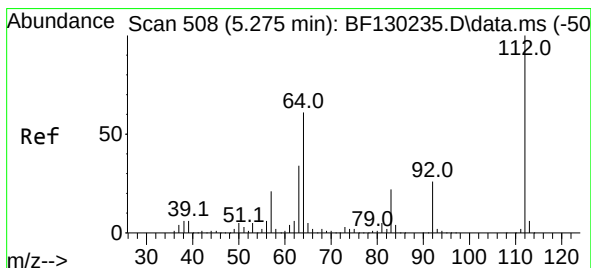
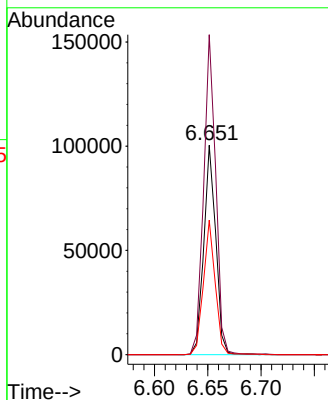
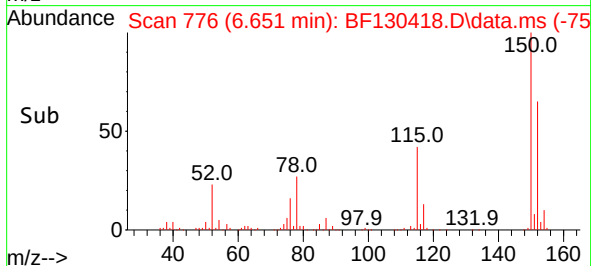
Instrument :
BNA_F
ClientSampleId :
TP3-0923



Tgt Ion:152 Resp: 78400
Ion Ratio Lower Upper
152 100
150 152.8 122.8 184.2
115 64.3 53.8 80.8

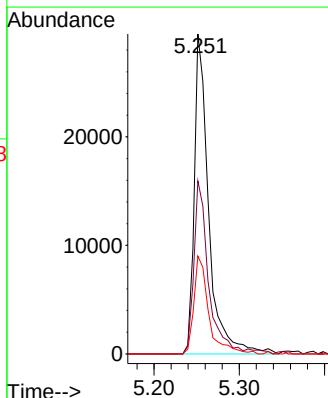
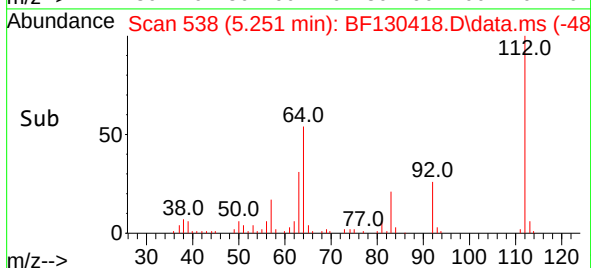
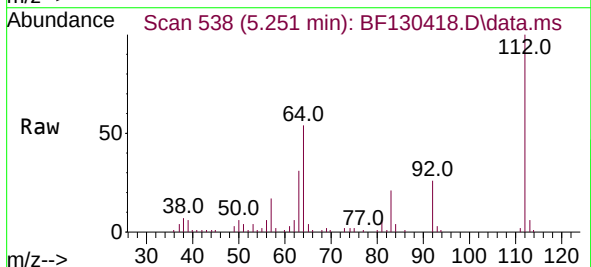
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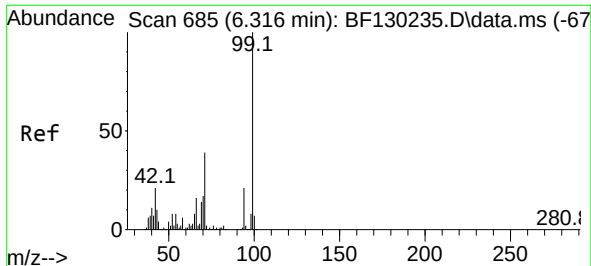
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#5
2-Fluorophenol
Concen: 7.656 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

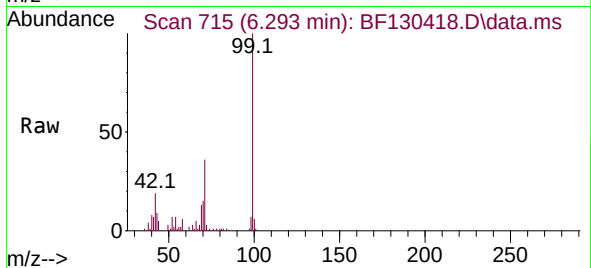
Tgt Ion:112 Resp: 34607
Ion Ratio Lower Upper
112 100
64 54.1 51.4 77.0
63 30.6 28.8 43.2





#7
Phenol-d6
Concen: 7.250 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

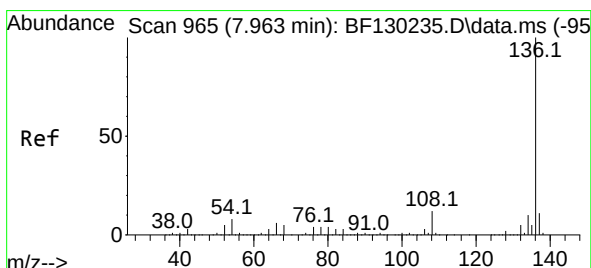
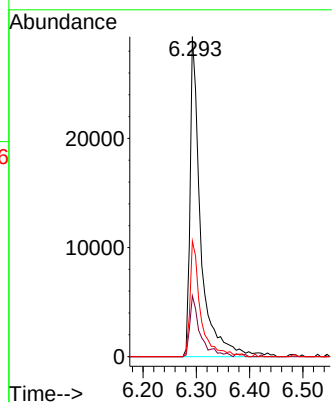
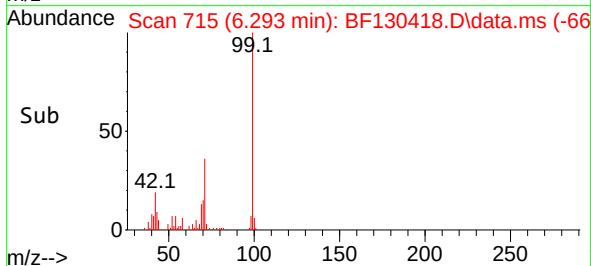
Instrument :
BNA_F
ClientSampleId :
TP3-0923



Tgt Ion: 99 Resp: 41000
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 36.1 32.3 48.5

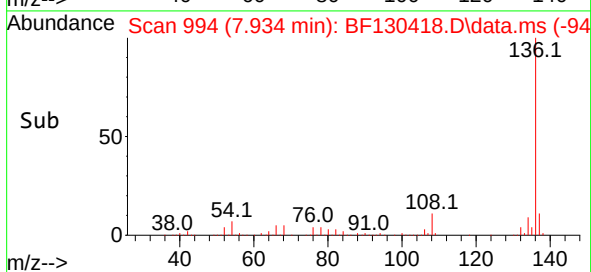
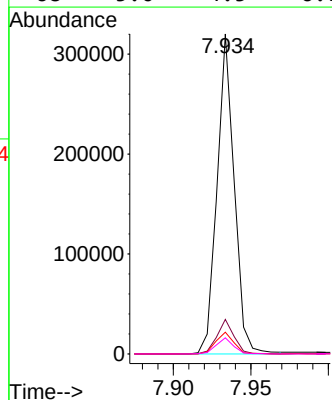
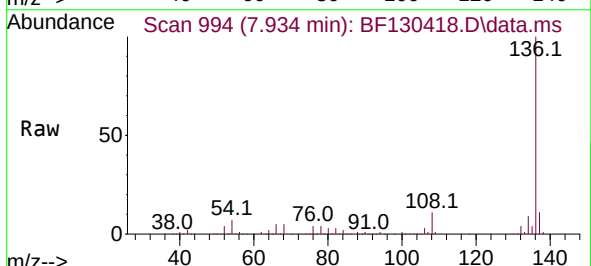
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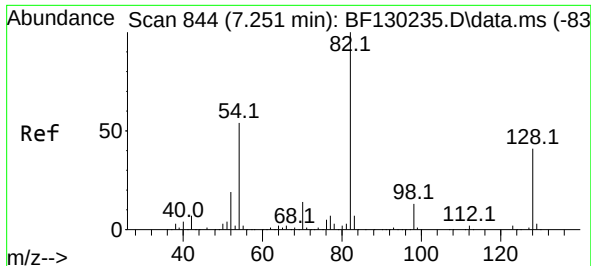
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion:136 Resp: 247587
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.8 7.1 10.7#
68 5.0 4.5 6.7





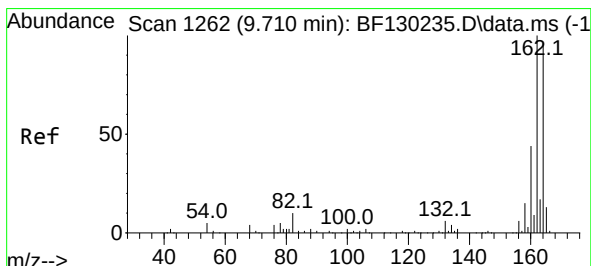
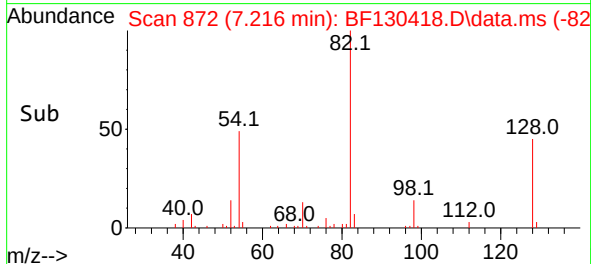
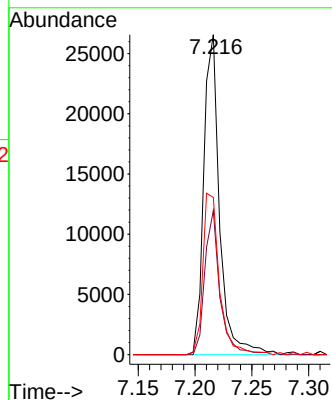
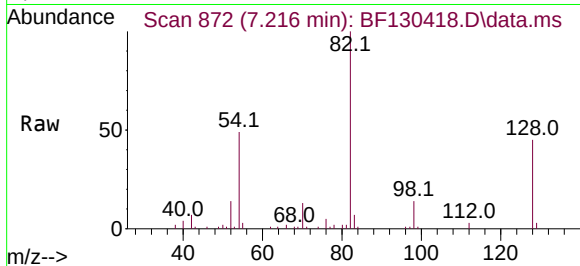
#23
Nitrobenzene-d5
Concen: 5.308 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Instrument :
BNA_F
ClientSampleId :
TP3-0923

Tgt Ion: 82 Resp: 25726
Ion Ratio Lower Upper
82 100
128 45.0 32.6 49.0
54 49.1 43.8 65.6

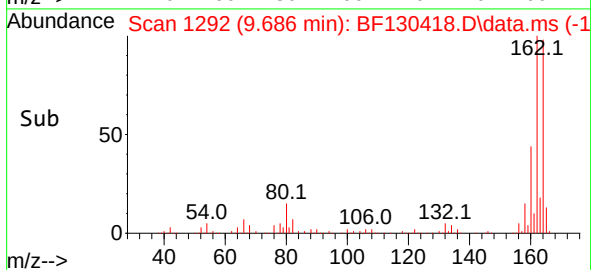
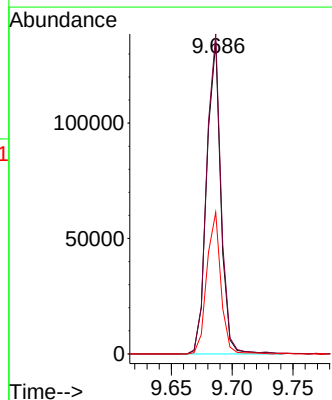
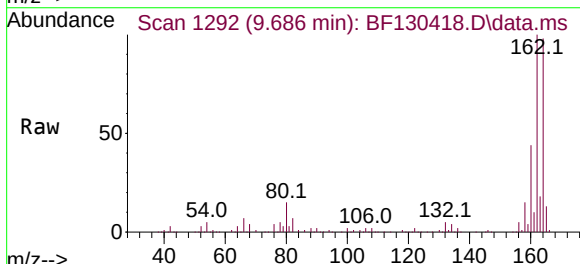
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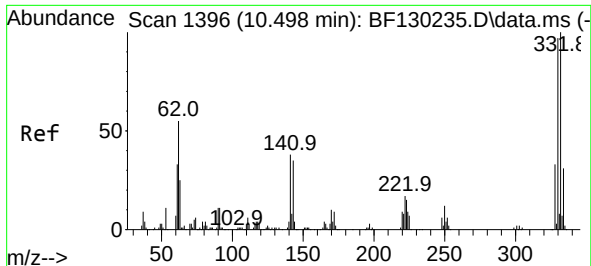
Reviewed By :Christian Giraldo 09/27/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

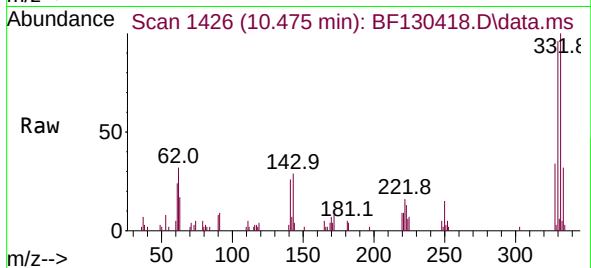
Tgt Ion:164 Resp: 109137
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.4 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 8.229 ng
RT: 10.475 min Scan# 141
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

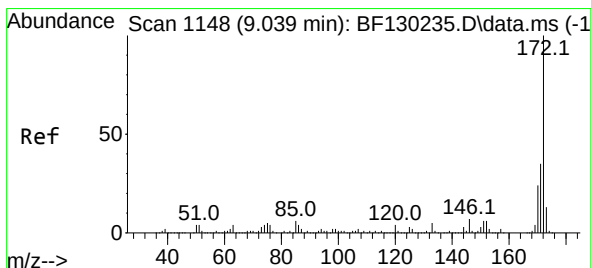
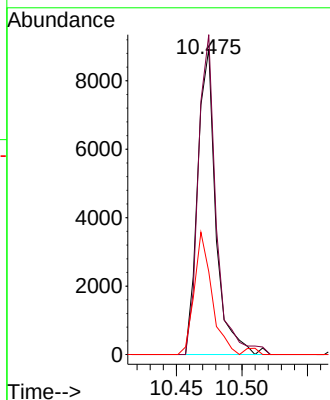
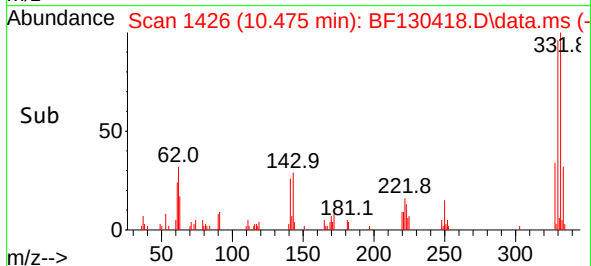
Instrument :
BNA_F
ClientSampleId :
TP3-0923



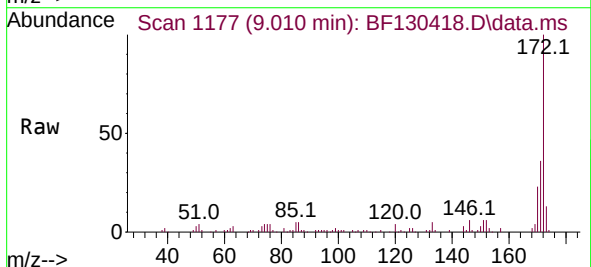
Tgt Ion: 330 Resp: 8605
Ion Ratio Lower Upper
330 100
332 103.1 83.4 125.2
141 38.5 34.0 51.0

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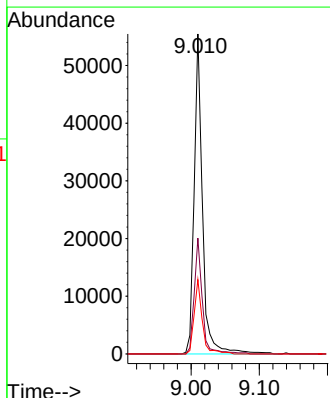
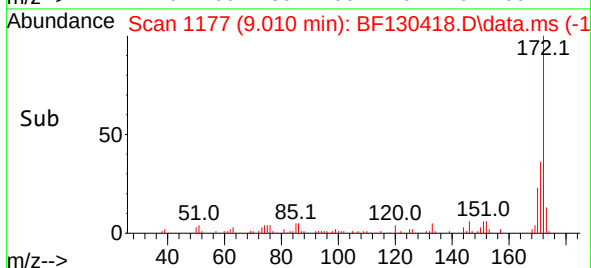
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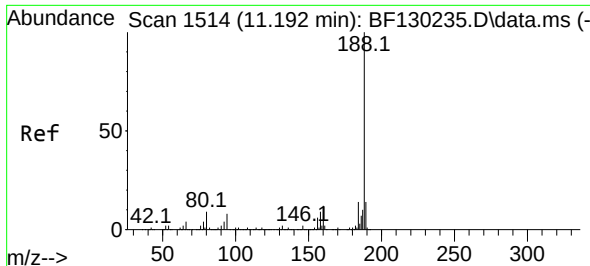


#45
2-Fluorobiphenyl
Concen: 6.294 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56



Tgt Ion: 172 Resp: 47173
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.2 18.7 28.1





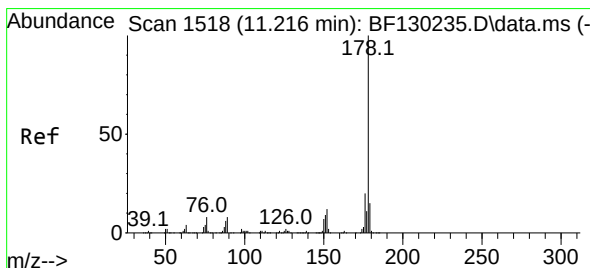
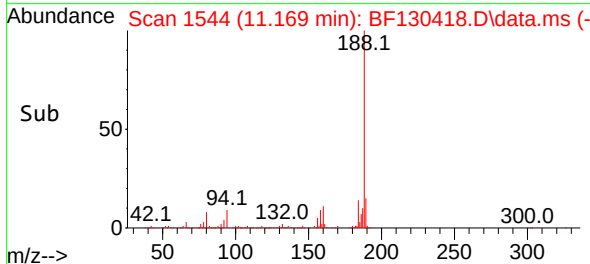
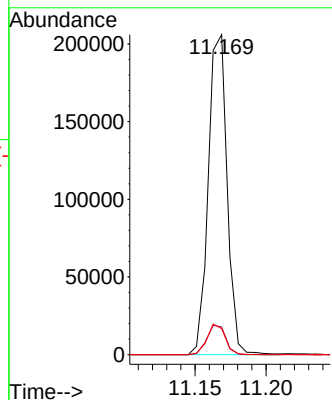
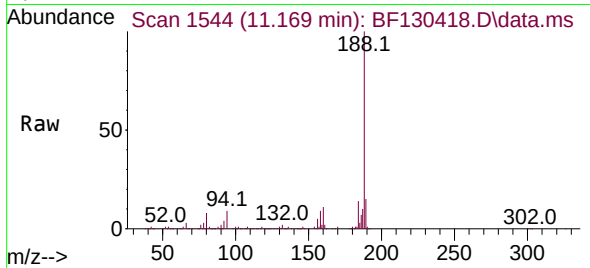
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Instrument :
BNA_F
ClientSampleId :
TP3-0923

Tgt Ion:188 Resp: 189804
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 8.1 7.9 11.9

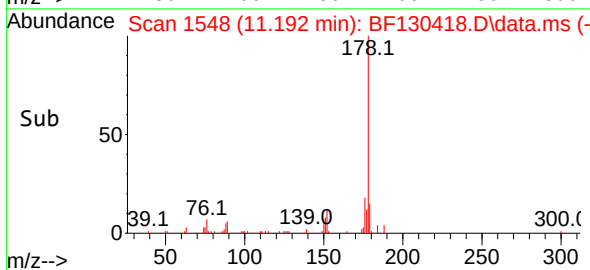
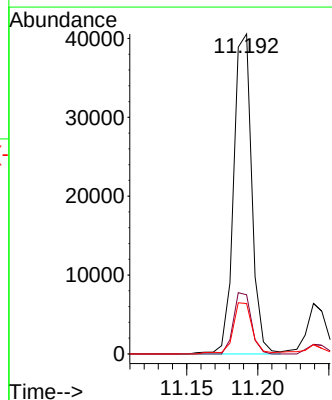
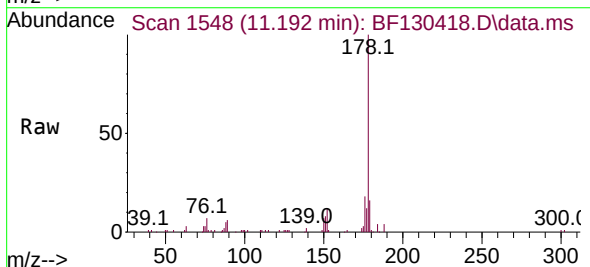
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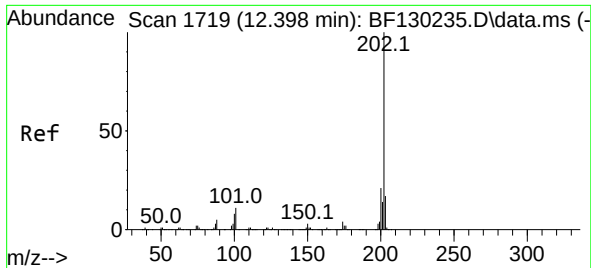
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#71
Phenanthrene
Concen: 3.382 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Tgt Ion:178 Resp: 36041
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.7 12.4 18.6





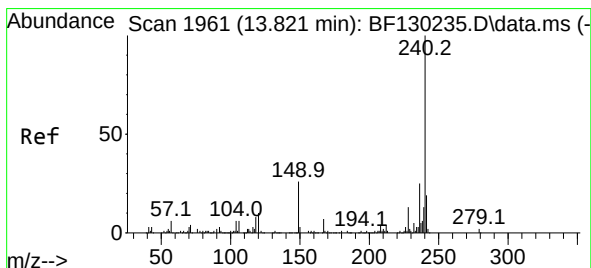
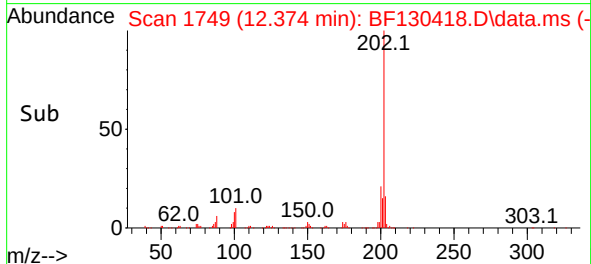
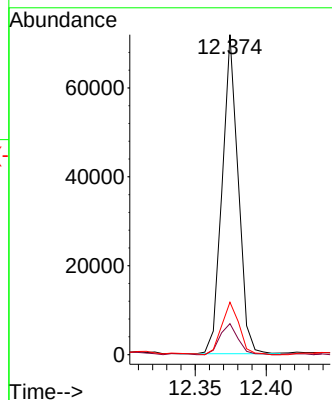
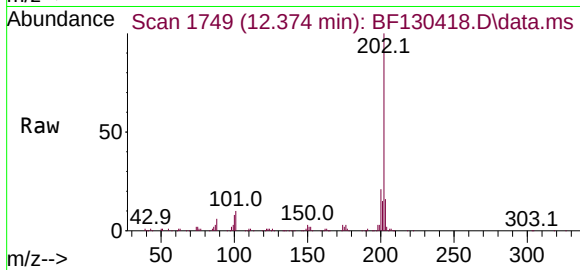
#75
Fluoranthene
Concen: 5.500 ng
RT: 12.374 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Instrument :
BNA_F
ClientSampleId :
TP3-0923

Tgt Ion:202 Resp: 56638
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.8
203 16.4 0.0 37.8

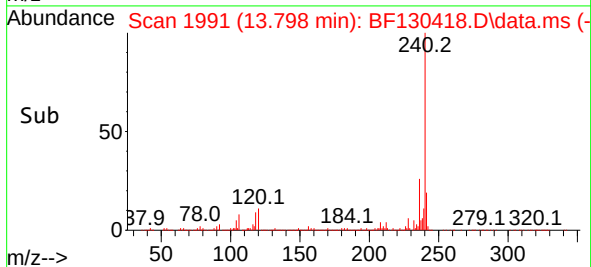
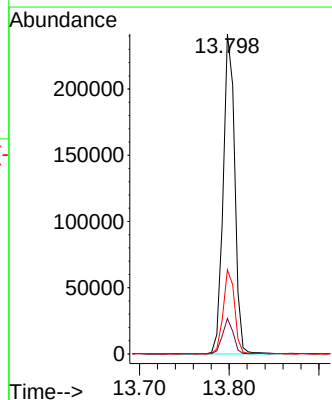
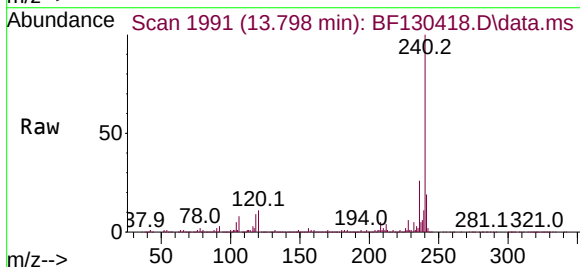
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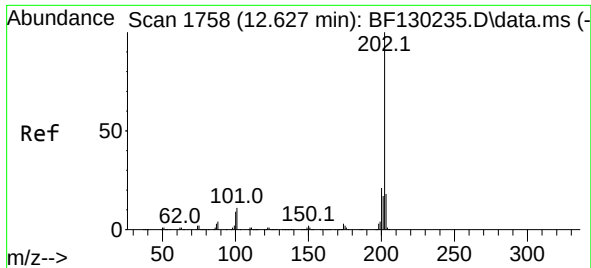
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

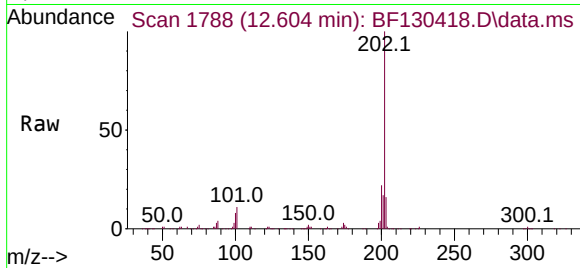
Tgt Ion:240 Resp: 216893
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 26.3 20.9 31.3





#78
 Pyrene
 Concen: 3.882 ng
 RT: 12.604 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56

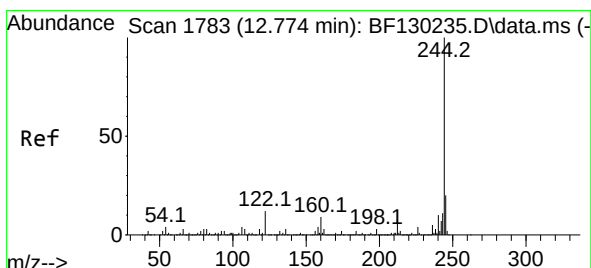
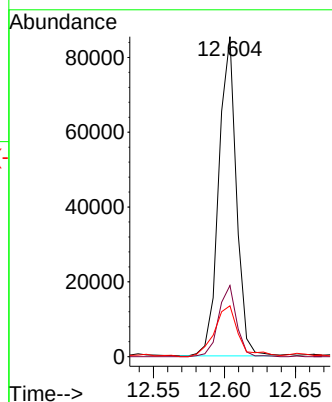
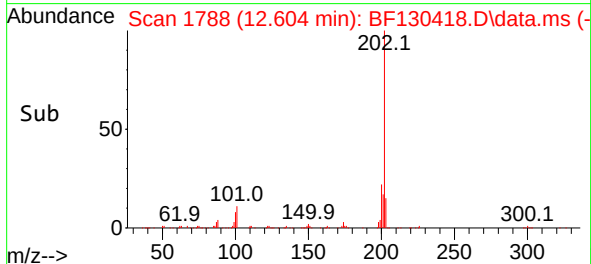
Instrument :
 BNA_F
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 TP3-0923



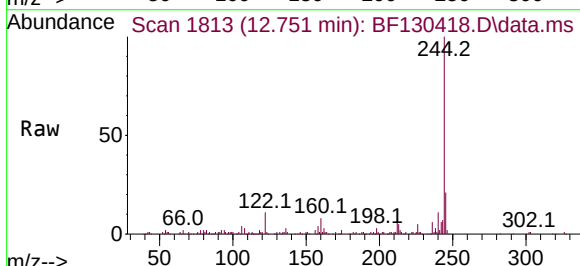
Tgt Ion:202 Resp: 73654
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.2 25.8
 203 15.9 14.3 21.5

Manual Integrations
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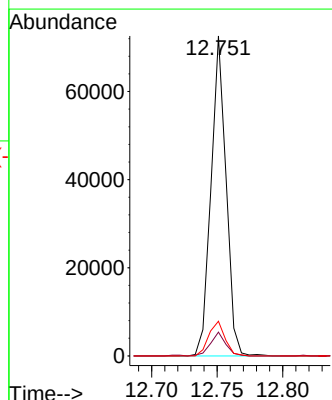
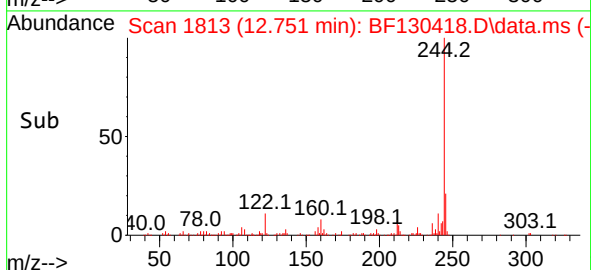
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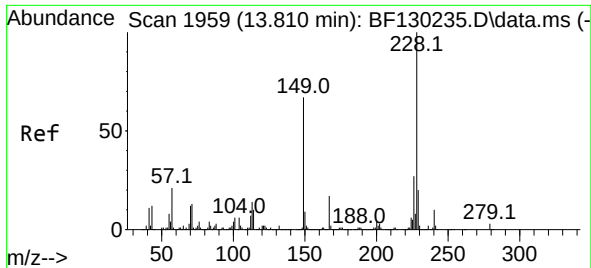


#79
 Terphenyl-d14
 Concen: 4.414 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130418.D
 Acq: 26 Sep 2022 20:56



Tgt Ion:244 Resp: 57793
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.8 8.5 12.7





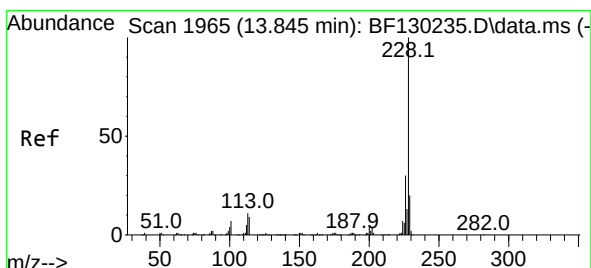
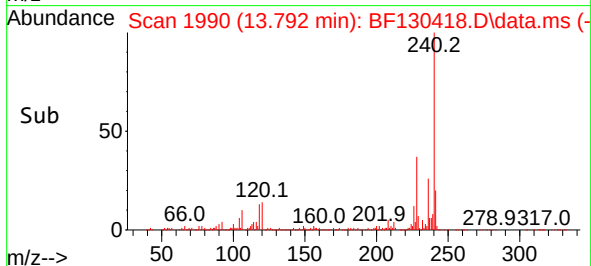
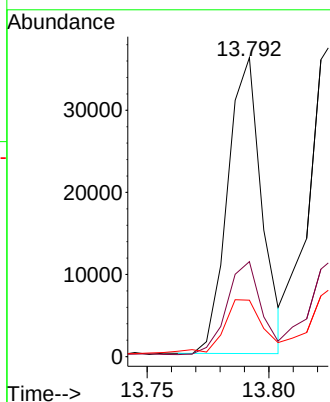
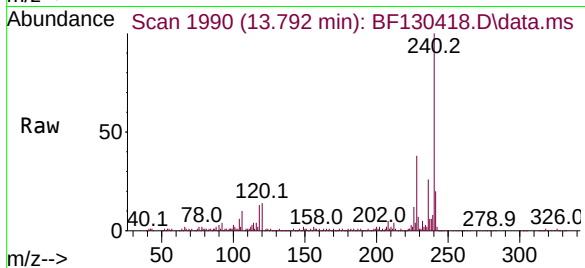
#81
Benzo(a)anthracene
Concen: 2.438 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

Instrument :
BNA_F
ClientSampleId :
TP3-0923

Tgt Ion:228 Resp: 3517
Ion Ratio Lower Upper
228 100
226 31.7 21.9 32.9
229 18.9 16.1 24.1

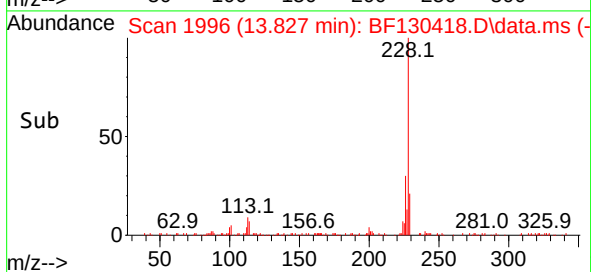
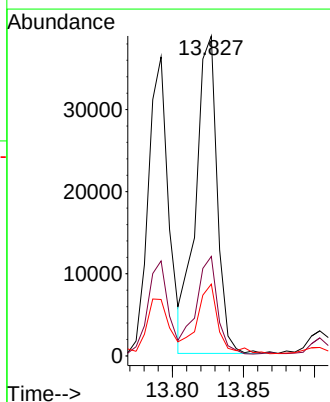
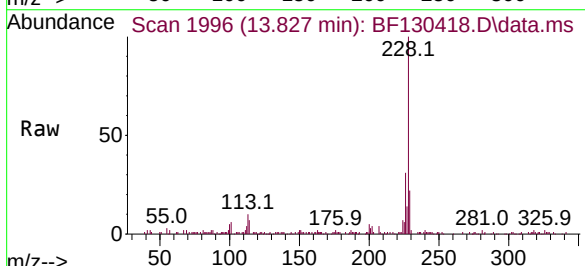
Manual Integrations
APPROVED

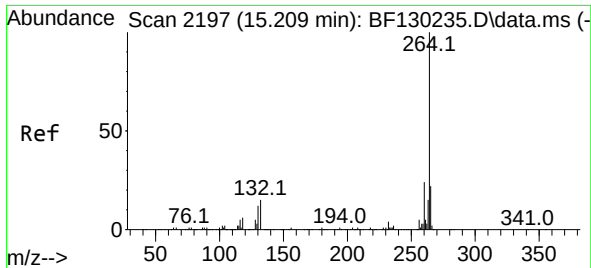
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#83
Chrysene
Concen: 2.950 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

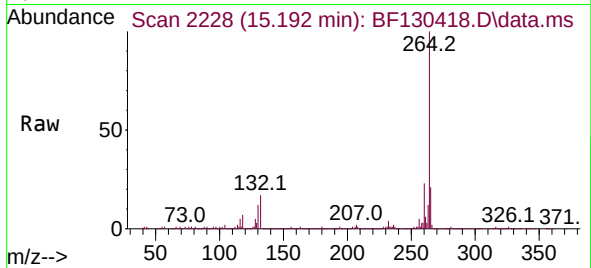
Tgt Ion:228 Resp: 40418
Ion Ratio Lower Upper
228 100
226 31.1 23.8 35.8
229 22.4 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56

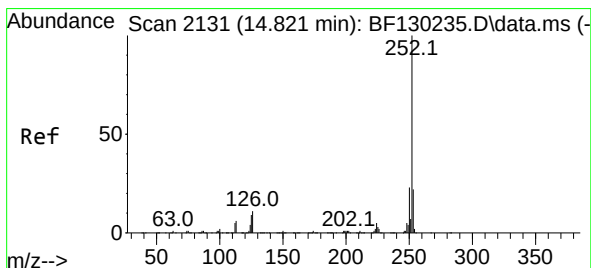
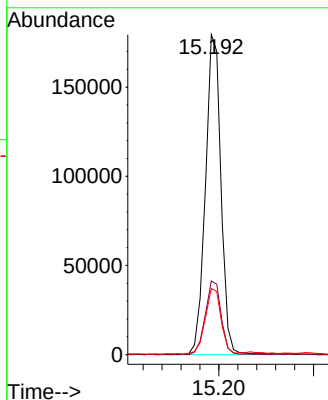
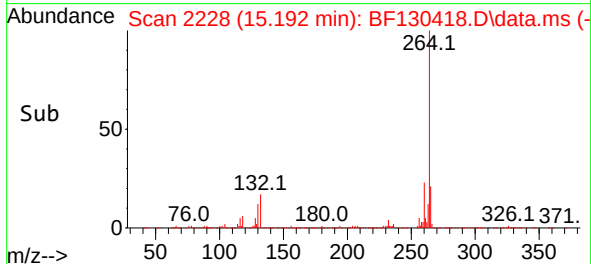
Instrument :
BNA_F
ClientSampleId :
TP3-0923



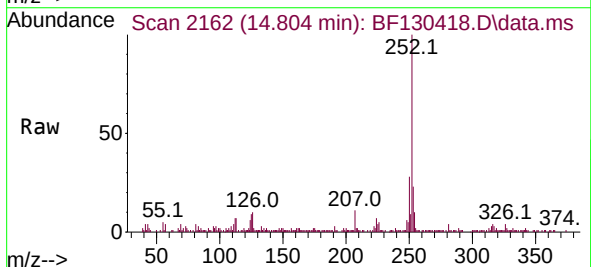
Tgt Ion:264 Resp: 204909
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 20.7 17.0 25.4

Manual Integrations
APPROVED

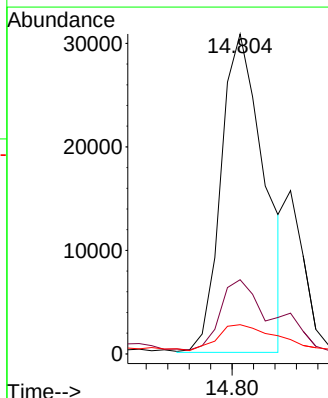
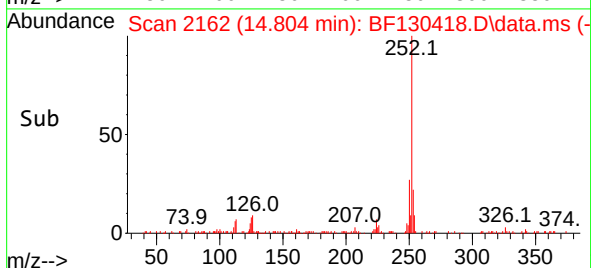
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

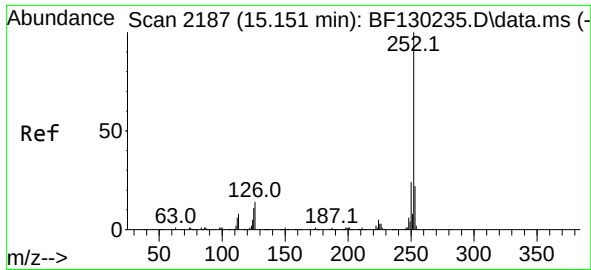


#88
Benzo(b)fluoranthene
Concen: 3.222 ng m
RT: 14.804 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BF130418.D
Acq: 26 Sep 2022 20:56



Tgt Ion:252 Resp: 43092
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 9.1 8.1 12.1





#90

Benzo(a)pyrene

Concen: 2.610 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130418.D

Acq: 26 Sep 2022 20:56

Instrument :

BNA_F

ClientSampleId :

TP3-0923

Tgt Ion:252 Resp: 27656

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 11.1 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022

