

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130942.D
 Acq On : 02 Nov 2022 21:41
 Operator : CG\JU
 Sample : N5395-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-9-103122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/03/2022
 Supervised By : Jagrut Upadhyay 11/03/2022

Quant Time: Nov 03 03:47:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	60574	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	215331	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	95936	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	138352	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	127384	20.000	ng	-0.01
86) Perylene-d12	15.621	264	139202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	404199	115.681	ng	0.00
7) Phenol-d6	6.545	99	491287	108.199	ng	0.00
23) Nitrobenzene-d5	7.486	82	321514	90.033	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	86653	107.299	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	471572	74.316	ng	0.00
79) Terphenyl-d14	13.051	244	355983	51.209	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	21639	5.003	ng	86
71) Phenanthrene	11.480	178	26272	3.679	ng	97
75) Fluoranthene	12.674	202	55606	7.329	ng	99
78) Pyrene	12.904	202	49998	4.652	ng	96
81) Benzo(a)anthracene	14.098	228	29997	3.552	ng	98
83) Chrysene	14.133	228	33942m	4.166	ng	
87) Indeno(1,2,3-cd)pyrene	17.145	276	19815	2.144	ng	96
88) Benzo(b)fluoranthene	15.168	252	47760m	5.308	ng	
90) Benzo(a)pyrene	15.551	252	31507	4.356	ng	99
92) Benzo(g,h,i)perylene	17.615	276	17413	2.265	ng	96

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

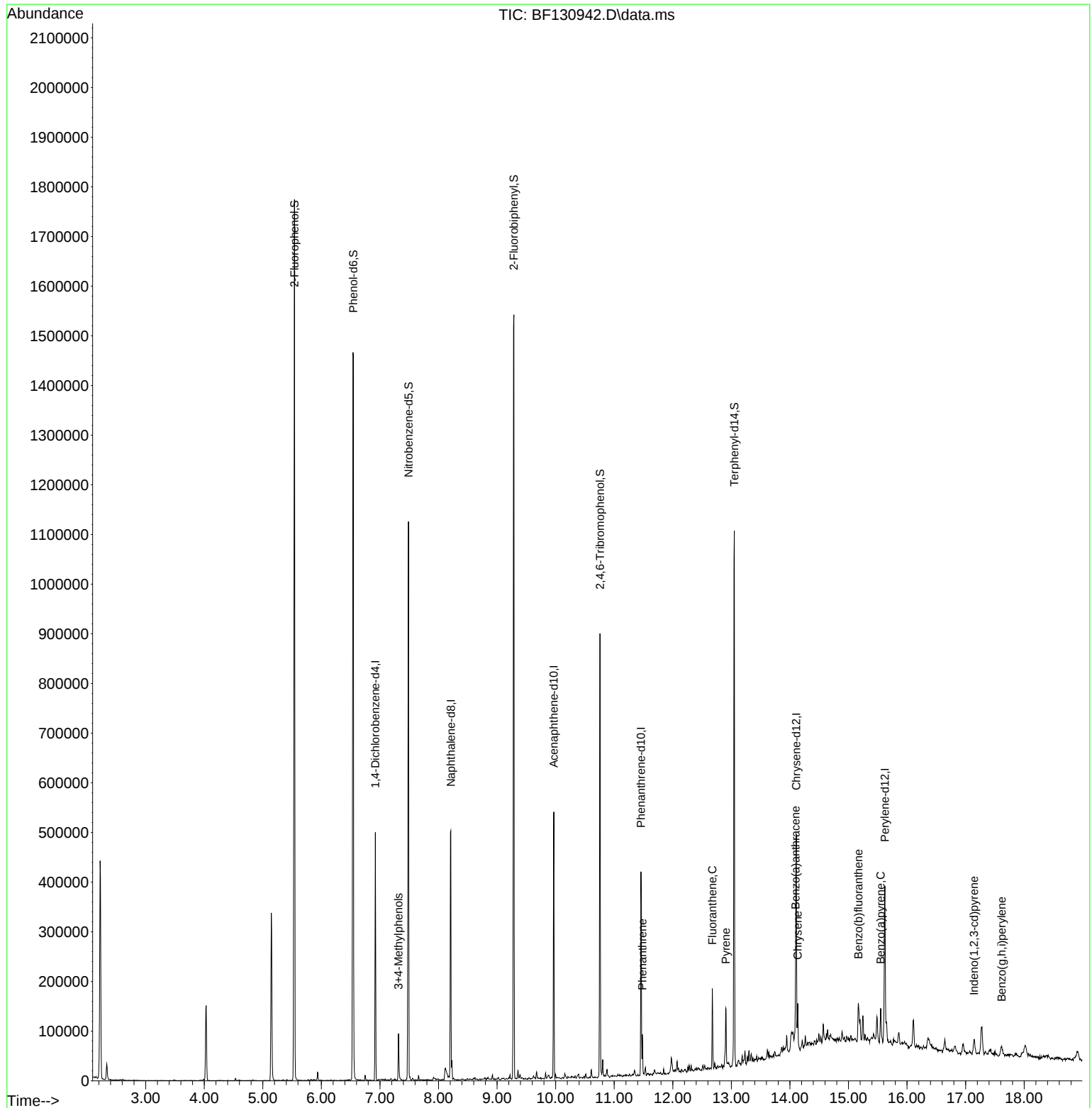
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130942.D
Acq On : 02 Nov 2022 21:41
Operator : CG\JU
Sample : N5395-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

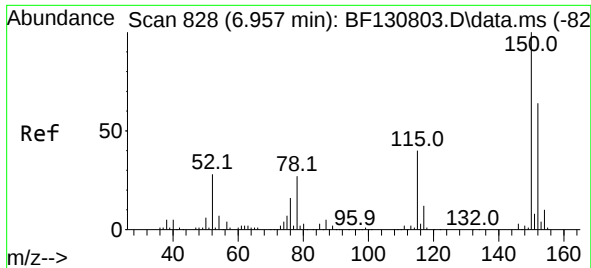
Instrument :
BNA_F
ClientSampleId :
S-9-103122

Quant Time: Nov 03 03:47:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
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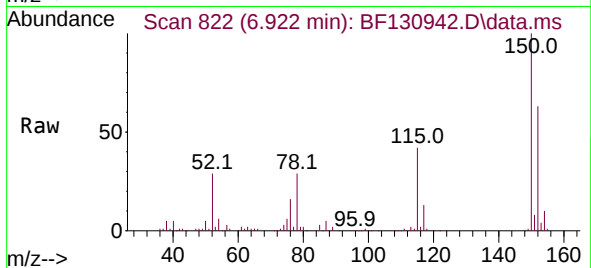
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130942.D
 Acq: 02 Nov 2022 21:41

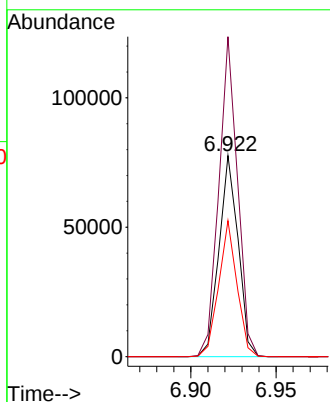
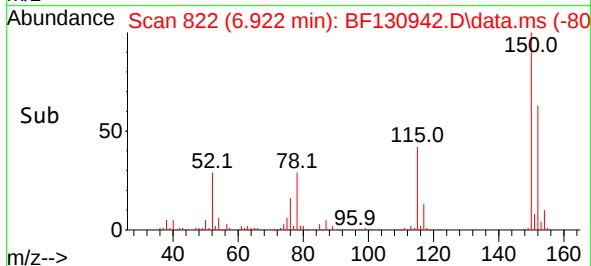
Instrument :
 BNA_F
 ClientSampleId :
 S-9-103122



Tgt Ion:152 Resp: 60574
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.1 186.1
 115 67.6 50.1 75.1

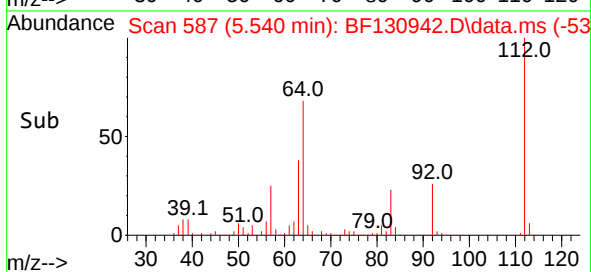
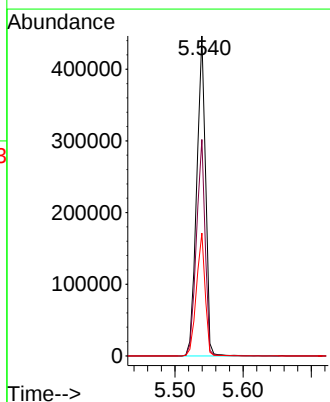
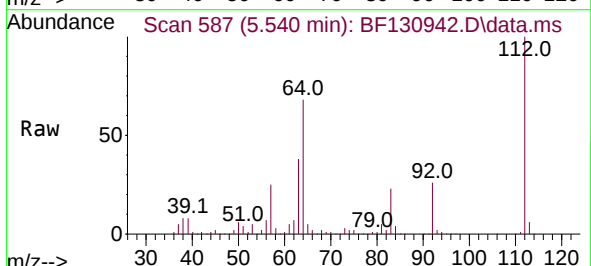
Manual Integrations
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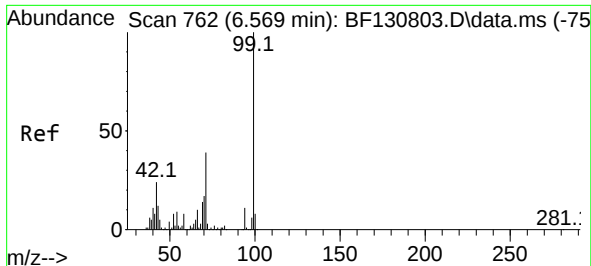
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022



#5
 2-Fluorophenol
 Concen: 115.681 ng
 RT: 5.540 min Scan# 587
 Delta R.T. -0.000 min
 Lab File: BF130942.D
 Acq: 02 Nov 2022 21:41

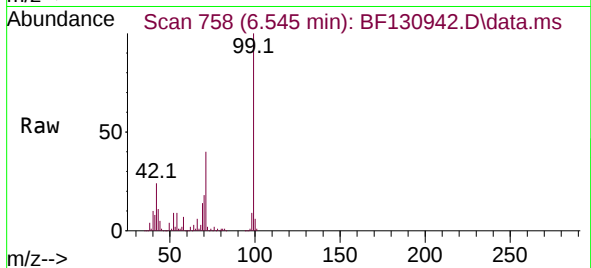
Tgt Ion:112 Resp: 404199
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.9 80.9
 63 38.4 29.4 44.2





#7
Phenol-d6
Concen: 108.199 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

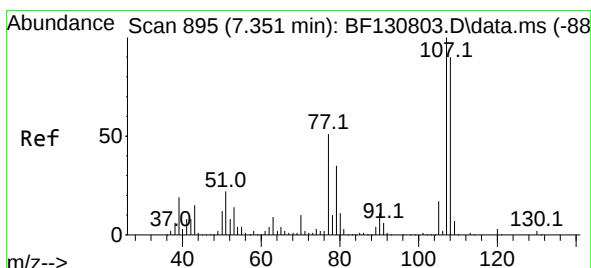
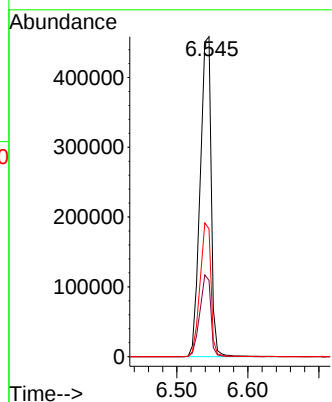
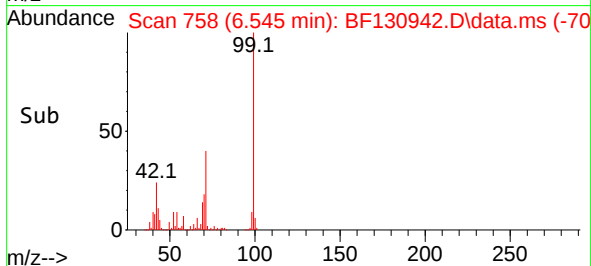
Instrument :
BNA_F
ClientSampleId :
S-9-103122



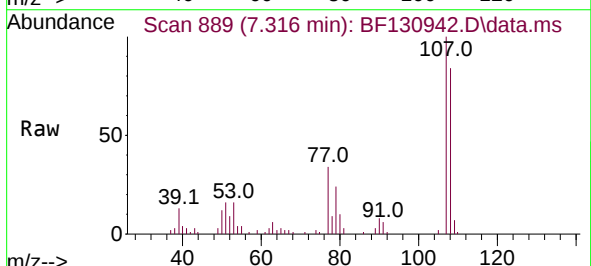
Tgt Ion: 99 Resp: 49128
Ion Ratio Lower Upper
99 100
42 23.8 18.8 28.2
71 39.9 31.4 47.0

Manual Integrations
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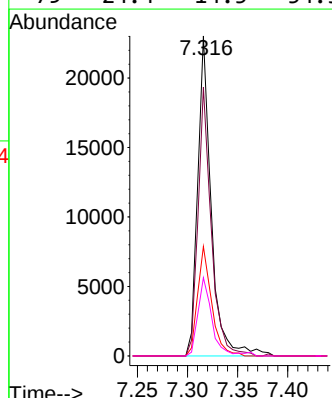
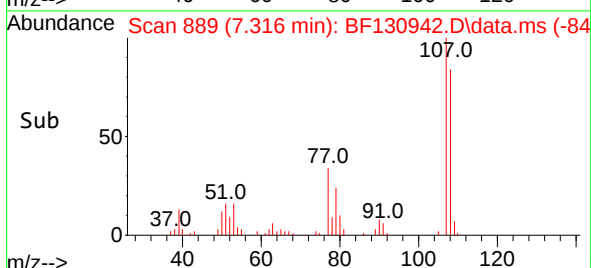
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

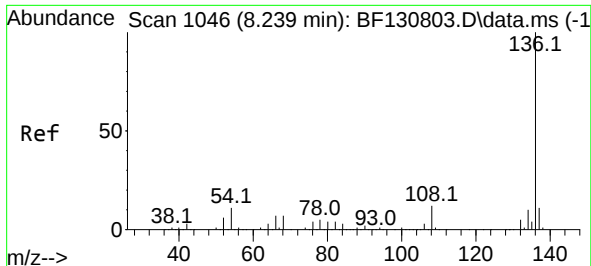


#20
3+4-Methylphenols
Concen: 5.003 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41



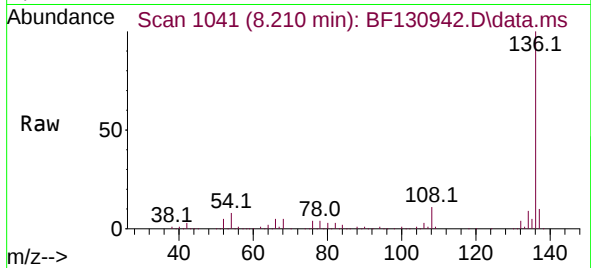
Tgt Ion:107 Resp: 21639
Ion Ratio Lower Upper
107 100
108 84.0 70.4 110.4
77 34.2 31.1 71.1
79 24.4 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

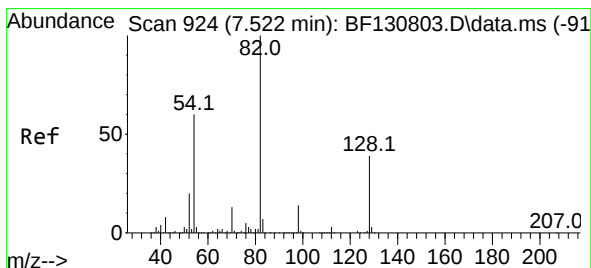
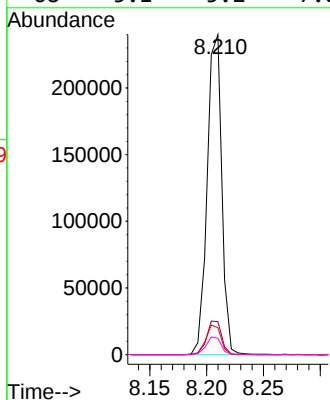
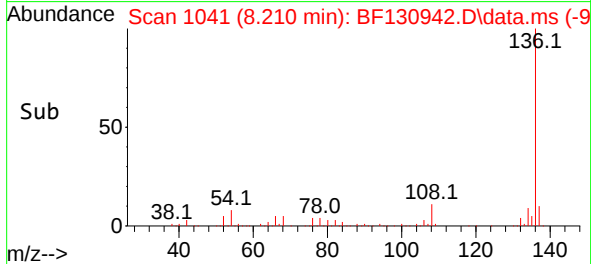
Instrument :
BNA_F
ClientSampleId :
S-9-103122



Tgt Ion:136 Resp: 21533
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 8.4 8.8 13.2
68 5.1 5.2 7.8

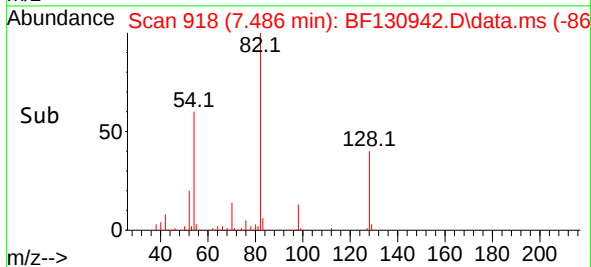
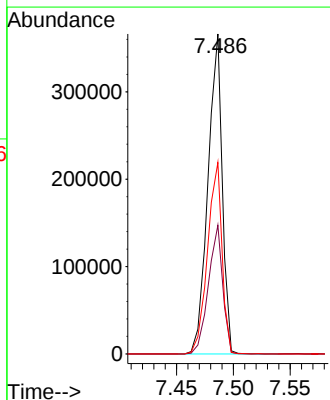
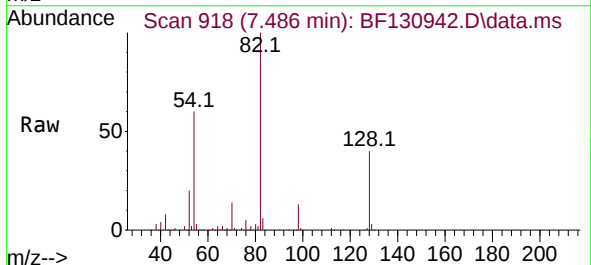
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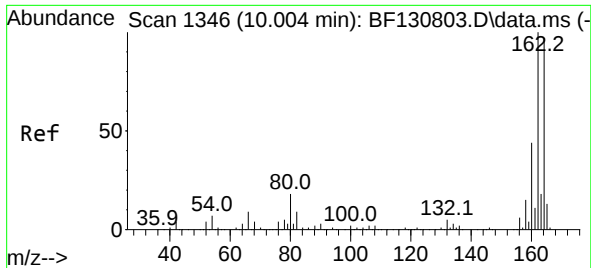
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#23
Nitrobenzene-d5
Concen: 90.033 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

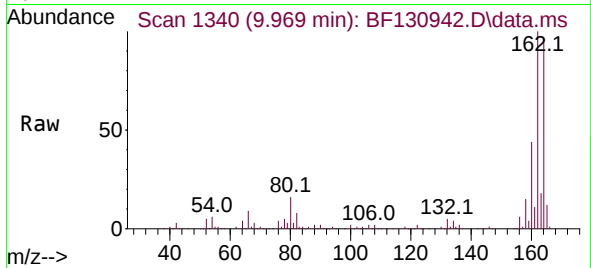
Tgt Ion: 82 Resp: 321514
Ion Ratio Lower Upper
82 100
128 40.2 31.2 46.8
54 59.8 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

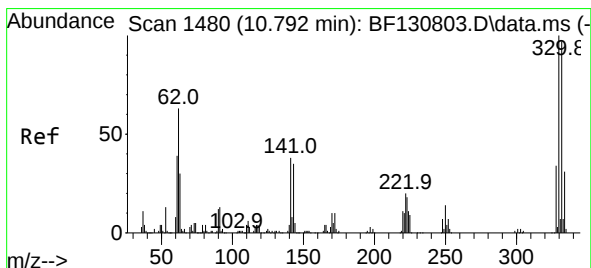
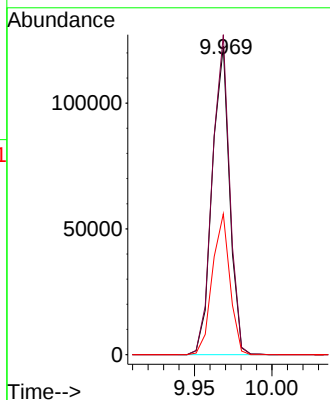
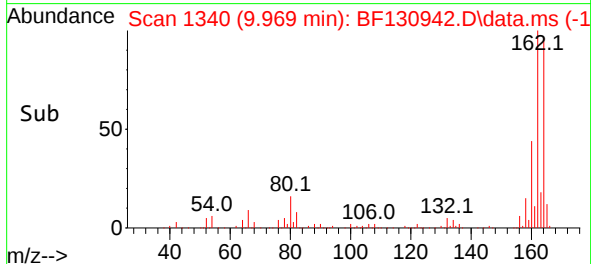
Instrument :
BNA_F
ClientSampleId :
S-9-103122



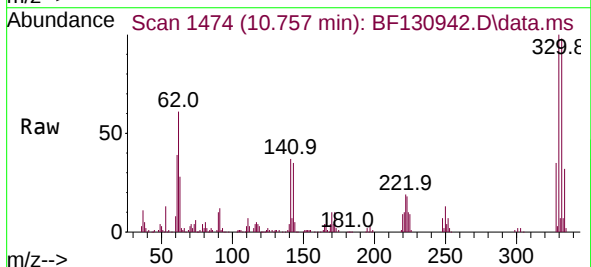
Tgt Ion:164 Resp: 95936
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 45.6 36.6 54.8

Manual Integrations
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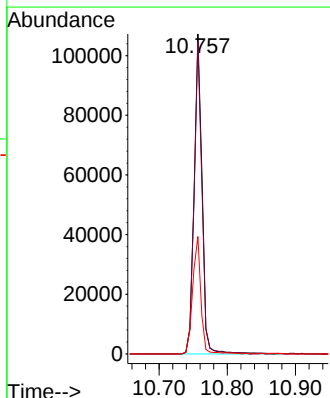
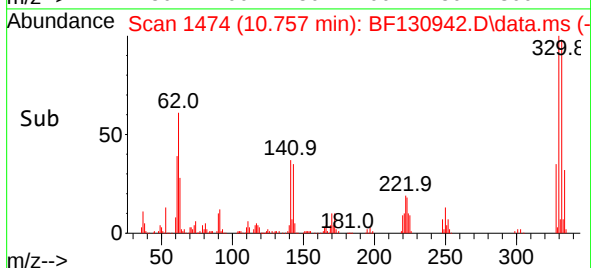
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

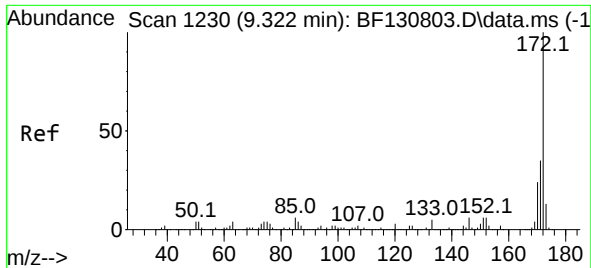


#42
2,4,6-Tribromophenol
Concen: 107.299 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41



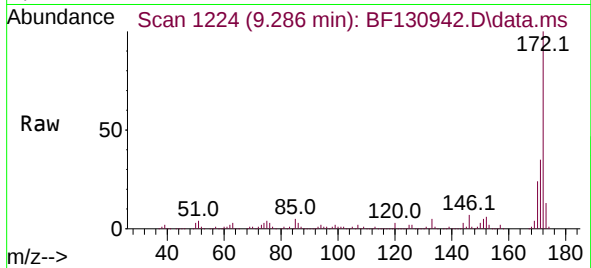
Tgt Ion:330 Resp: 86653
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 38.0 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 74.316 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

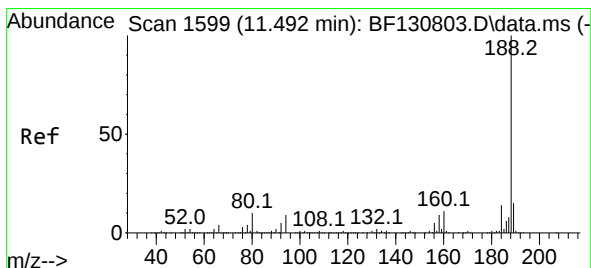
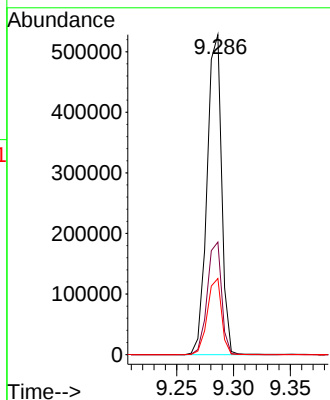
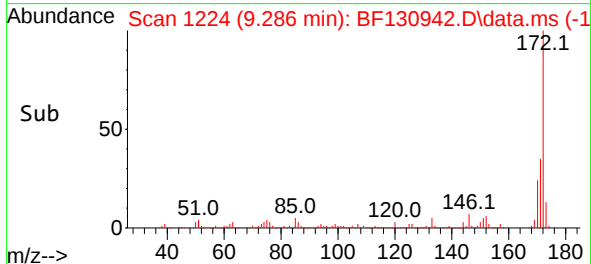
Instrument :
BNA_F
ClientSampleId :
S-9-103122



Tgt Ion:172 Resp: 471572
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 19.0 28.4

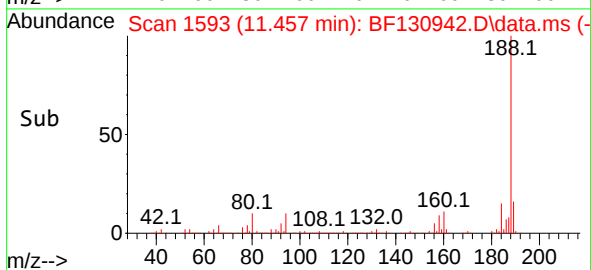
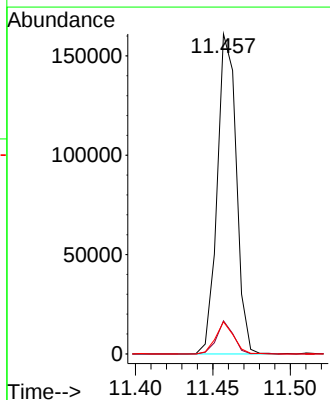
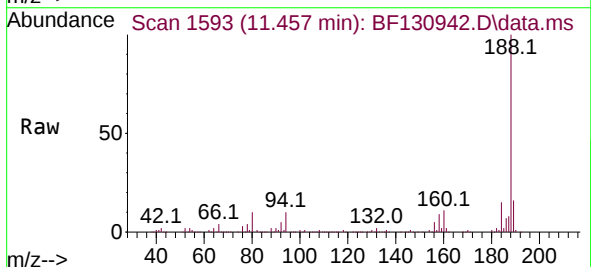
Manual Integrations
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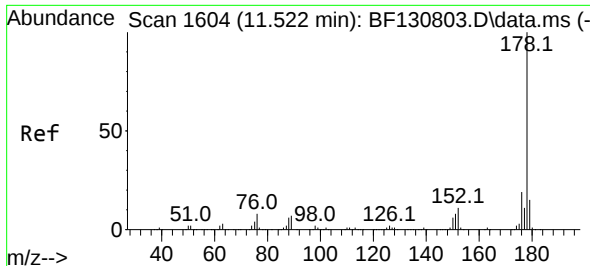
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

Tgt Ion:188 Resp: 138352
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.0 8.0 12.0





#71
Phenanthrene
Concen: 3.679 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

Instrument :

BNA_F

ClientSampleId :

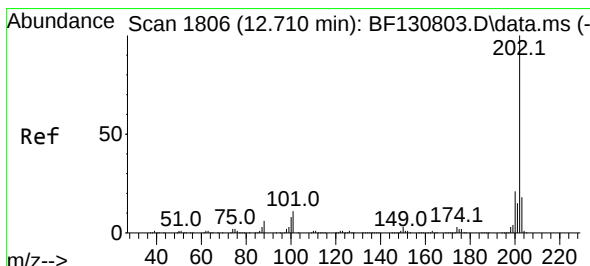
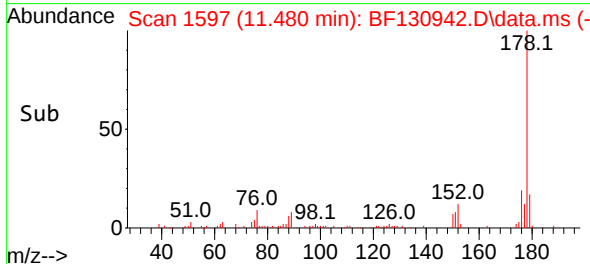
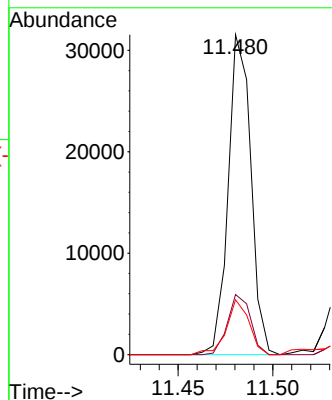
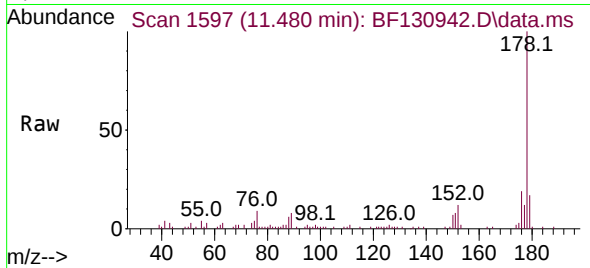
S-9-103122

Tgt Ion:178 Resp: 26272
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 17.1 12.2 18.2

Manual Integrations

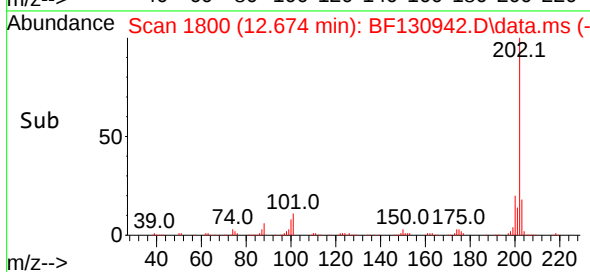
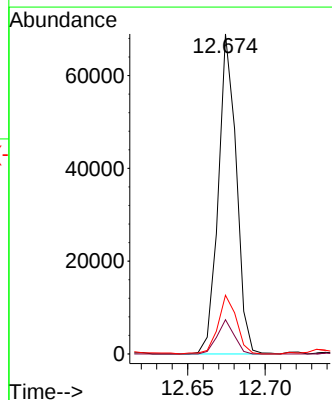
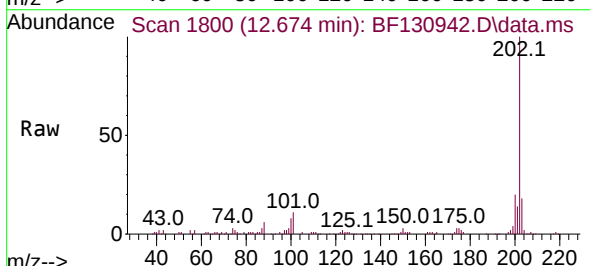
APPROVED

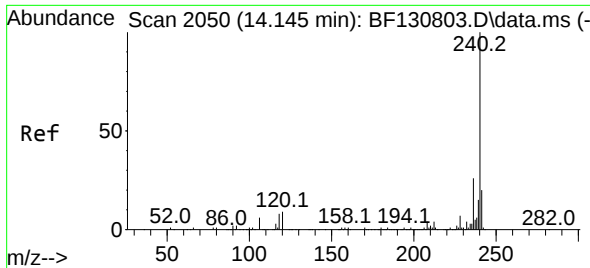
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#75
Fluoranthene
Concen: 7.329 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

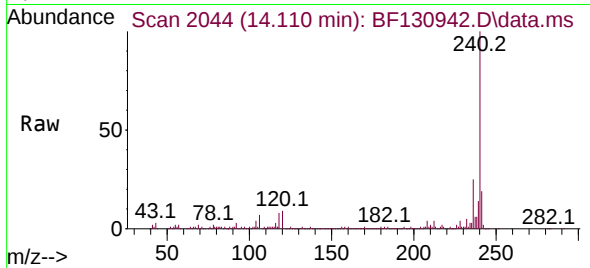
Tgt Ion:202 Resp: 55606
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.9
203 18.3 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

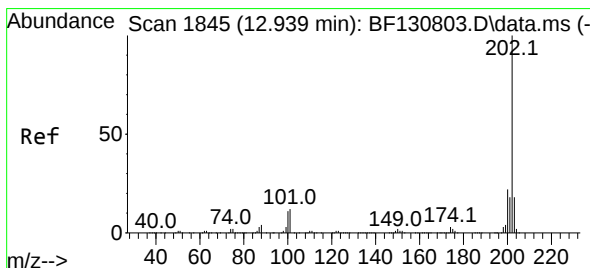
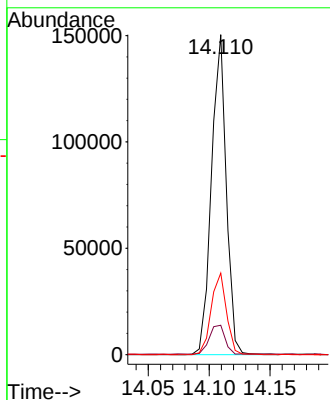
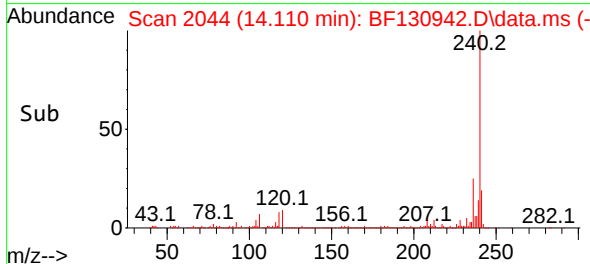
Instrument :
BNA_F
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S-9-103122



Tgt Ion:240 Resp: 127384
Ion Ratio Lower Upper
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120 9.2 7.0 10.4
236 25.5 20.5 30.7

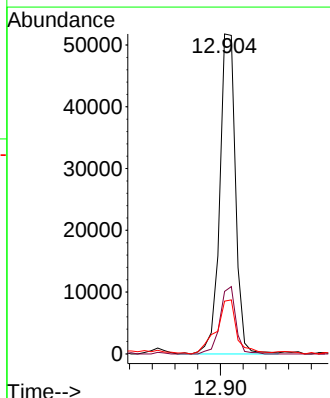
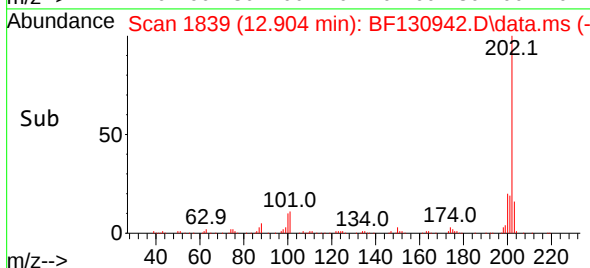
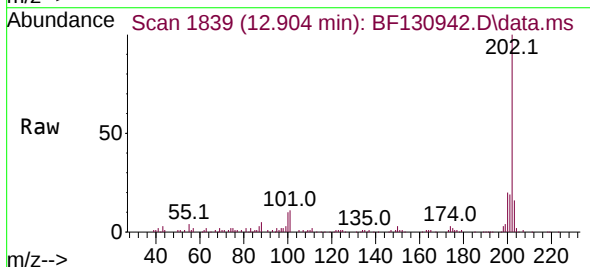
Manual Integrations
APPROVED

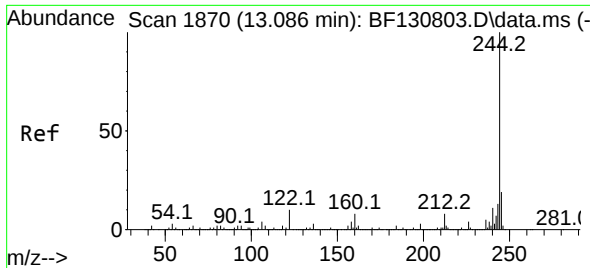
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#78
Pyrene
Concen: 4.652 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

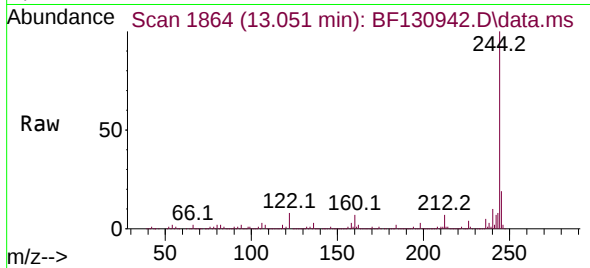
Tgt Ion:202 Resp: 49998
Ion Ratio Lower Upper
202 100
200 19.5 17.2 25.8
203 16.5 14.5 21.7





#79
 Terphenyl-d14
 Concen: 51.209 ng
 RT: 13.051 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130942.D
 Acq: 02 Nov 2022 21:41

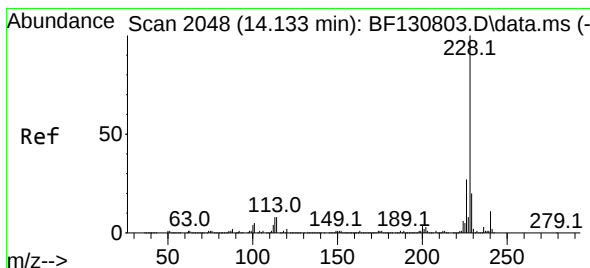
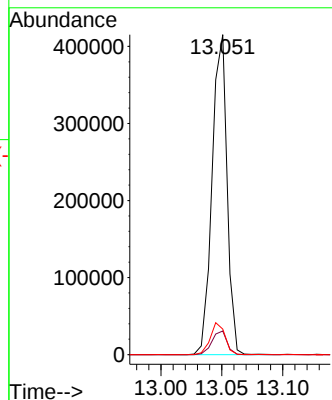
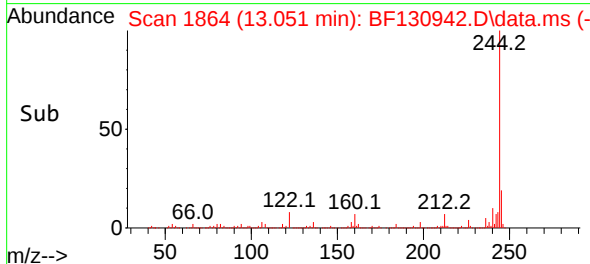
Instrument :
 BNA_F
 ClientSampleId :
 S-9-103122



Tgt Ion:244 Resp: 355983
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.0 7.9 11.9

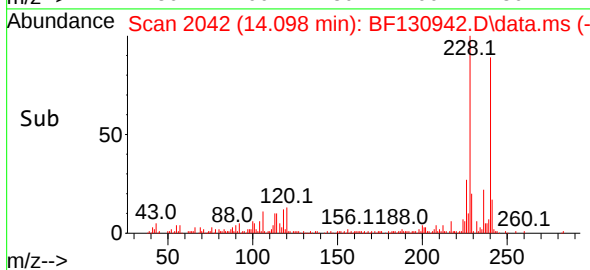
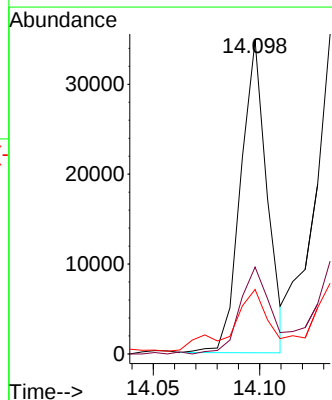
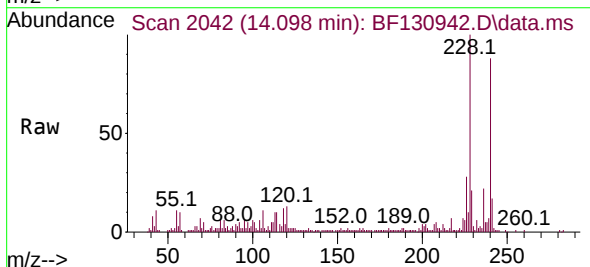
Manual Integrations
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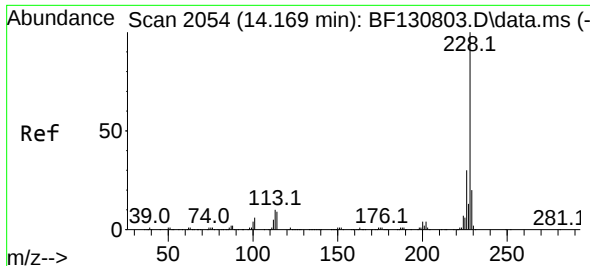
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022



#81
 Benzo(a)anthracene
 Concen: 3.552 ng
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130942.D
 Acq: 02 Nov 2022 21:41

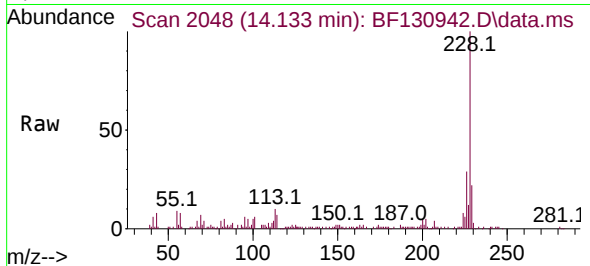
Tgt Ion:228 Resp: 29997
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.4 32.2
 229 20.5 15.8 23.6





#83
Chrysene
Concen: 4.166 ng m
RT: 14.133 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

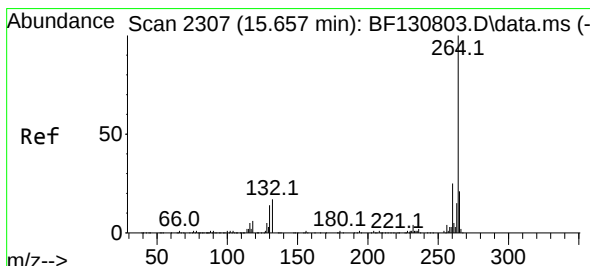
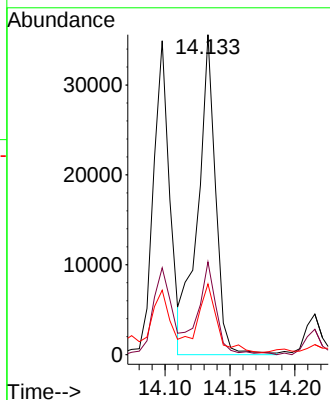
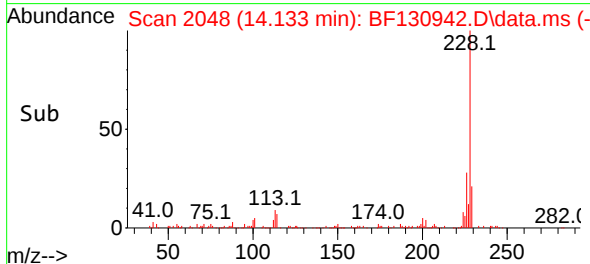
Instrument :
BNA_F
ClientSampleId :
S-9-103122



Tgt Ion:228 Resp: 33942
Ion Ratio Lower Upper
228 100
226 29.0 23.9 35.9
229 22.1 15.8 23.6

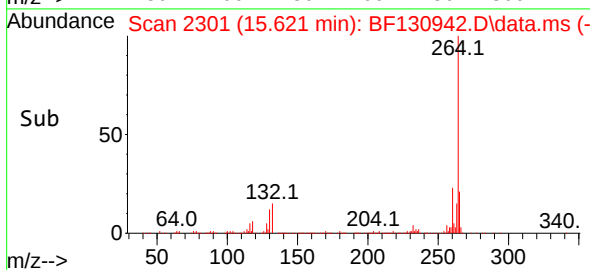
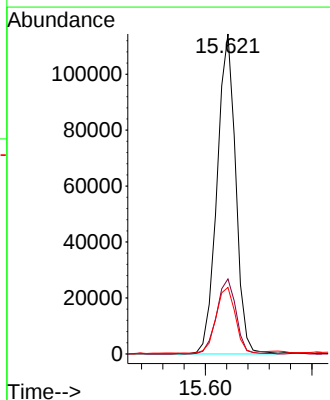
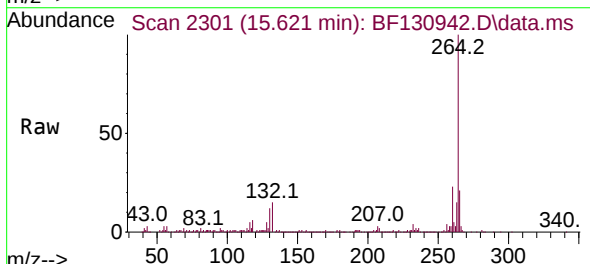
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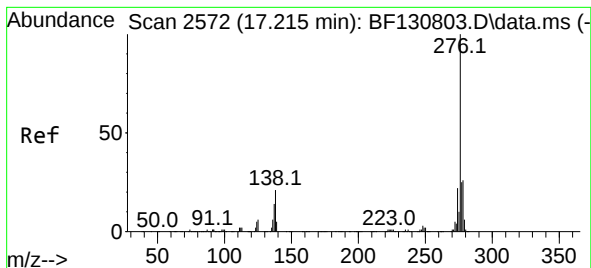
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

Tgt Ion:264 Resp: 139202
Ion Ratio Lower Upper
264 100
260 23.4 19.9 29.9
265 20.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.144 ng

RT: 17.145 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF130942.D

Acq: 02 Nov 2022 21:41

Instrument :

BNA_F

ClientSampleId :

S-9-103122

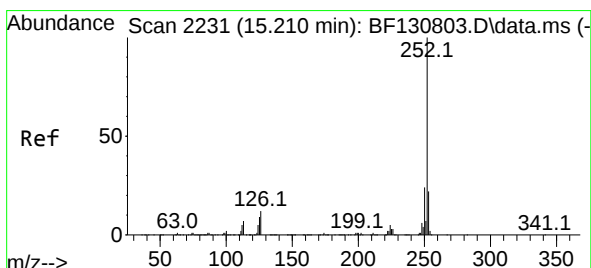
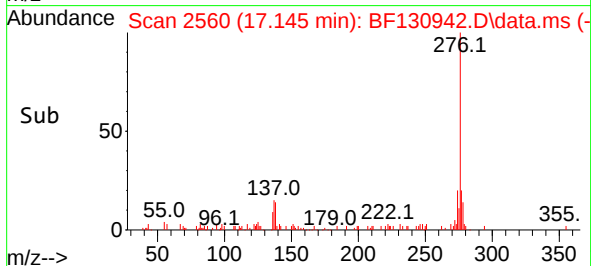
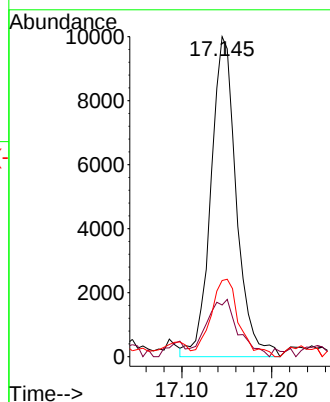
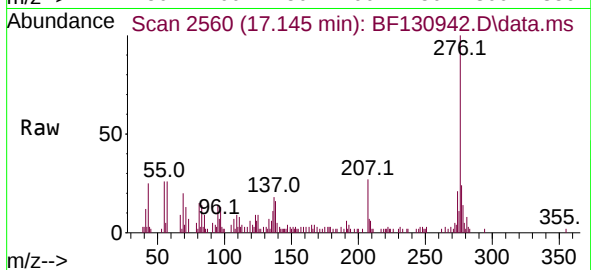
Tgt Ion:	276	Resp:	1981
Ion Ratio	Lower	Upper	
276	100		
138	21.8	19.1	28.7
277	26.8	20.1	30.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/03/2022

Supervised By :Jagrut Upadhyay 11/03/2022



#88

Benzo(b)fluoranthene

Concen: 5.308 ng m

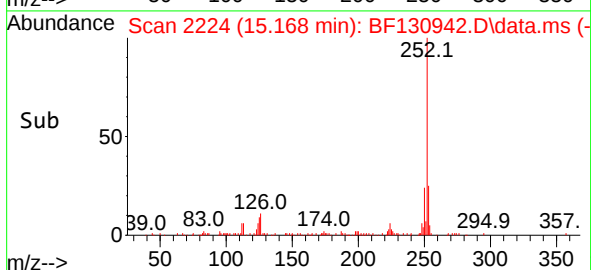
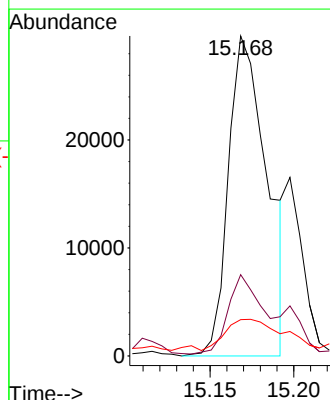
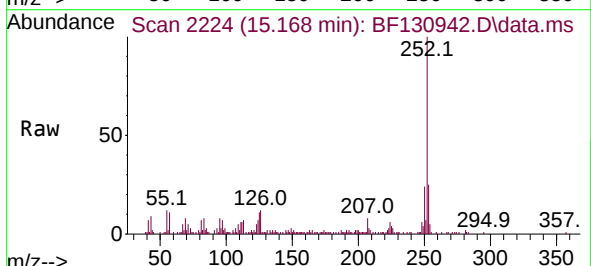
RT: 15.168 min Scan# 2224

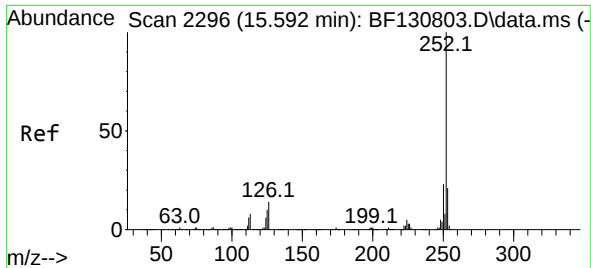
Delta R.T. -0.012 min

Lab File: BF130942.D

Acq: 02 Nov 2022 21:41

Tgt Ion:	252	Resp:	47760
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.5	26.3
125	11.3	7.0	10.4





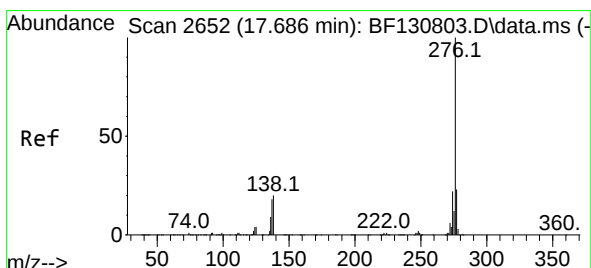
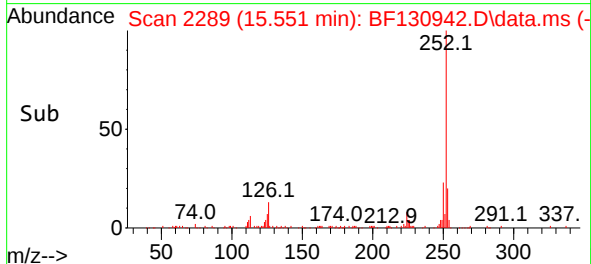
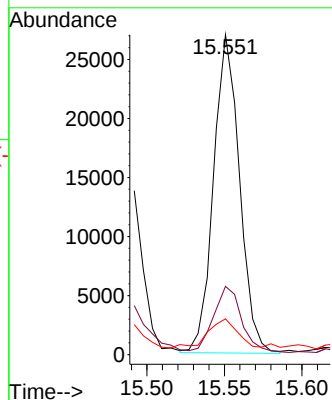
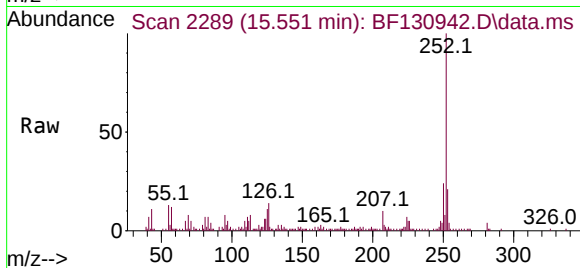
#90
Benzo(a)pyrene
Concen: 4.356 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

Instrument :
BNA_F
ClientSampleId :
S-9-103122

Tgt Ion:252 Resp: 3150
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 11.2 8.3 12.5

Manual Integrations
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Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#92
Benzo(g,h,i)perylene
Concen: 2.265 ng
RT: 17.615 min Scan# 2640
Delta R.T. -0.035 min
Lab File: BF130942.D
Acq: 02 Nov 2022 21:41

Tgt Ion:276 Resp: 17413
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 17.4 16.3 24.5

