

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130937.D
 Acq On : 02 Nov 2022 18:51
 Operator : CG\JU
 Sample : N5395-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-10-103122

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 03:45:23 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	73398	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	279936	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	142953	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	224490	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	129356	20.000	ng	-0.01
86) Perylene-d12	15.621	264	143516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	526485	124.352	ng	0.00
7) Phenol-d6	6.545	99	664127	120.710	ng	0.00
23) Nitrobenzene-d5	7.487	82	451287	97.208	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	153304	127.395	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	736617	77.905	ng	0.00
79) Terphenyl-d14	13.051	244	520447	73.726	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	16000	3.053	ng	81
71) Phenanthrene	11.480	178	23954	2.067	ng	98
75) Fluoranthene	12.674	202	44726	3.633	ng	97
78) Pyrene	12.904	202	38226	3.503	ng	97
81) Benzo(a)anthracene	14.098	228	18849m	2.198	ng	
83) Chrysene	14.133	228	20095	2.429	ng	98
88) Benzo(b)fluoranthene	15.168	252	25606m	2.760	ng	
90) Benzo(a)pyrene	15.551	252	19050	2.554	ng	# 88

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

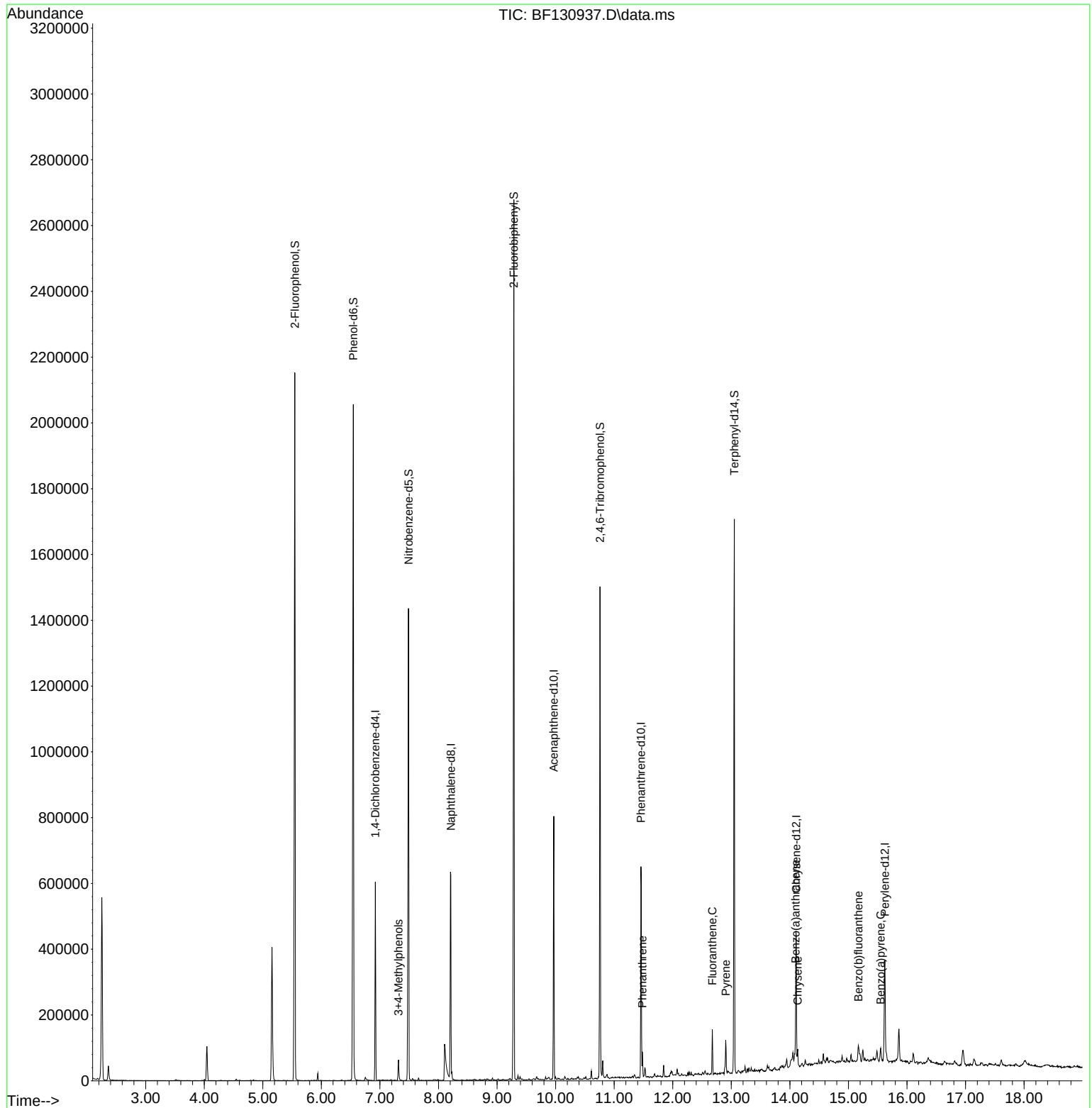
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130937.D
Acq On : 02 Nov 2022 18:51
Operator : CG\JU
Sample : N5395-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

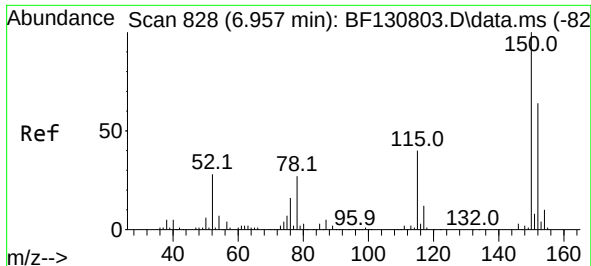
Instrument :
BNA_F
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S-10-103122

Quant Time: Nov 03 03:45:23 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

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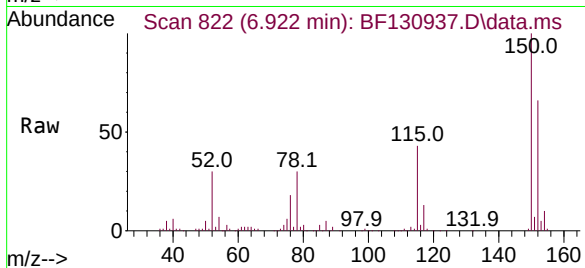
Reviewed By : Christian Giraldo 11/03/2022
Supervised By : Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

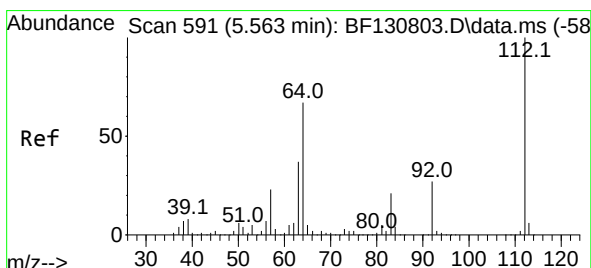
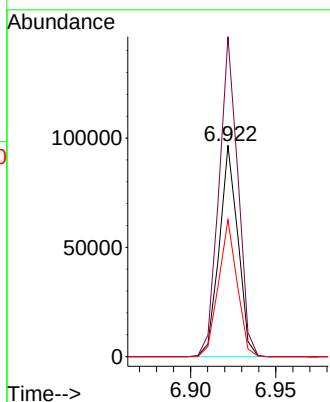
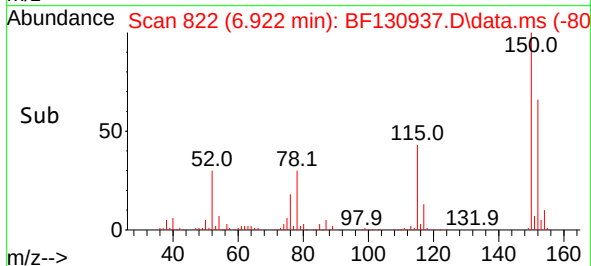
Instrument :
BNA_F
ClientSampleId :
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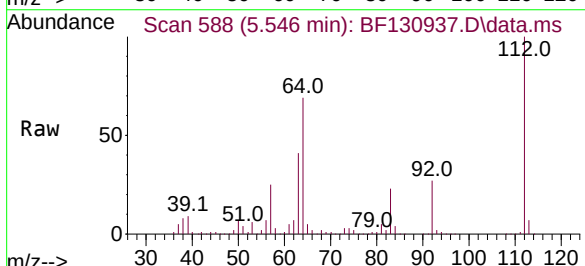
Tgt Ion:152 Resp: 73398
Ion Ratio Lower Upper
152 100
150 151.4 124.1 186.1
115 64.8 50.1 75.1

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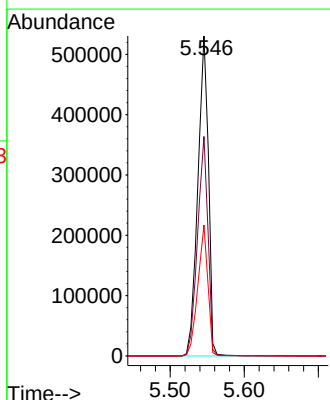
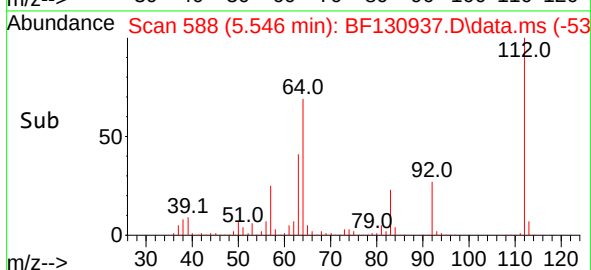
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022

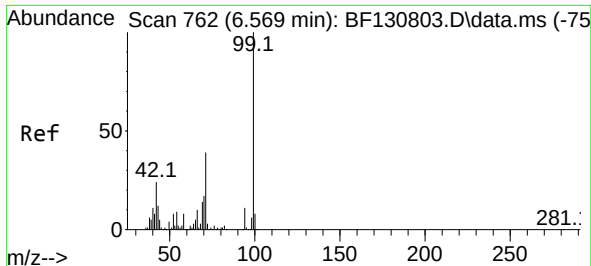


#5
2-Fluorophenol
Concen: 124.352 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51



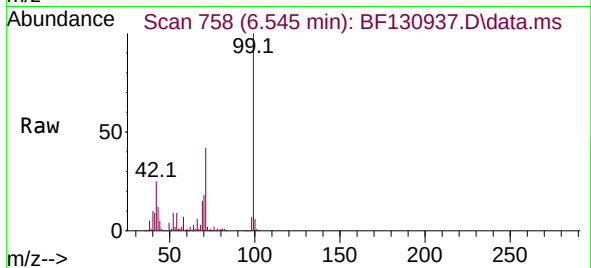
Tgt Ion:112 Resp: 526485
Ion Ratio Lower Upper
112 100
64 68.6 53.9 80.9
63 40.9 29.4 44.2





#7
Phenol-d6
Concen: 120.710 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

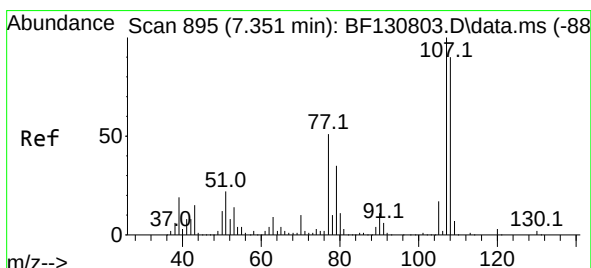
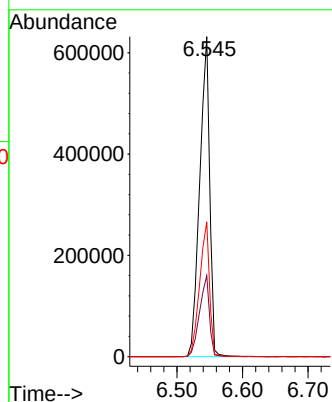
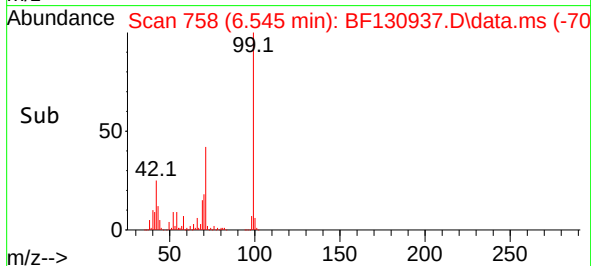
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ClientSampleId :
S-10-103122



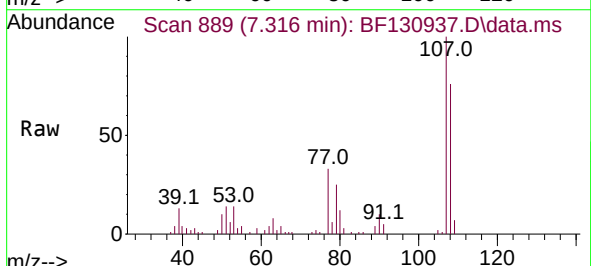
Tgt Ion: 99 Resp: 66412
Ion Ratio Lower Upper
99 100
42 25.3 18.8 28.2
71 42.1 31.4 47.0

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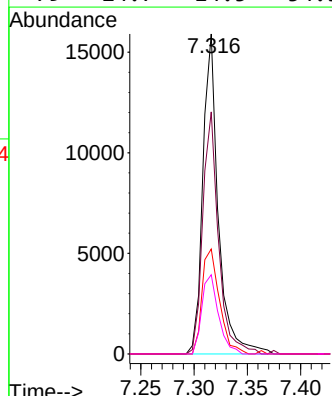
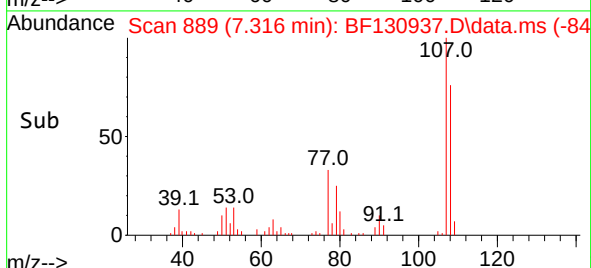
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Supervised By :Jagrut Upadhyay 11/03/2022

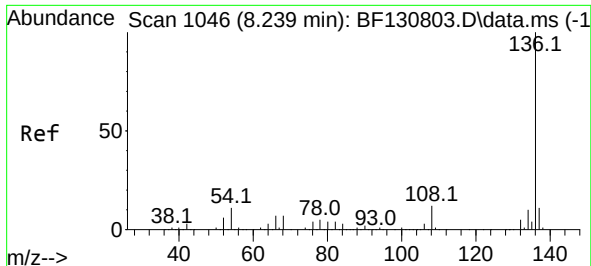


#20
3+4-Methylphenols
Concen: 3.053 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51



Tgt Ion:107 Resp: 16000
Ion Ratio Lower Upper
107 100
108 75.6 70.4 110.4
77 32.8 31.1 71.1
79 24.7 14.5 54.5





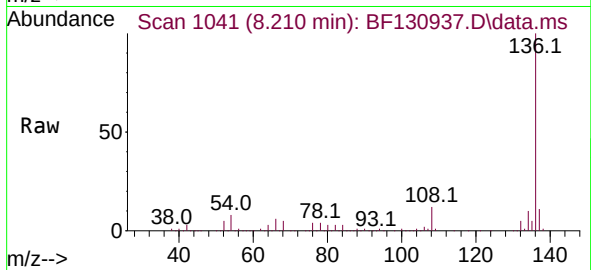
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

Instrument :

BNA_F

ClientSampleId :

S-10-103122

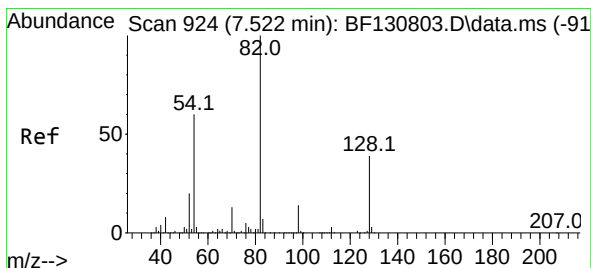
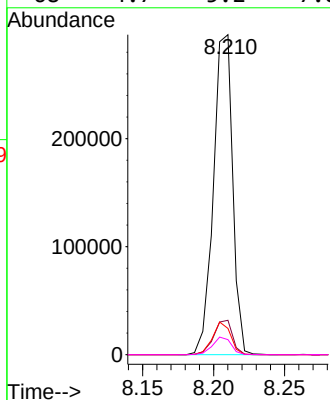
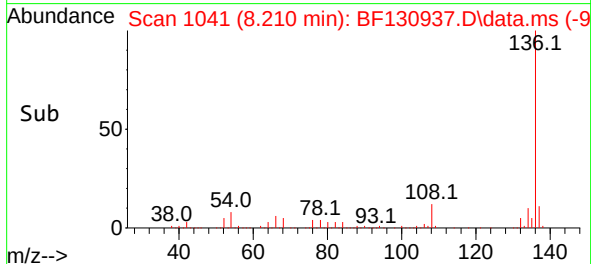


Tgt Ion:136 Resp: 279936
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.2 8.8 13.2
68 4.7 5.2 7.8

Manual Integrations

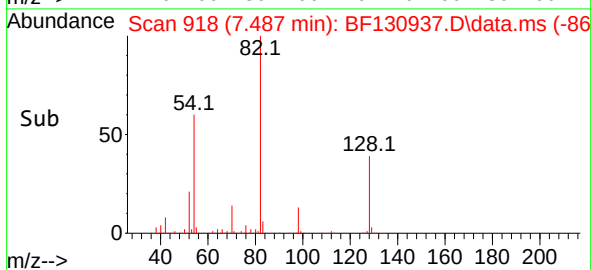
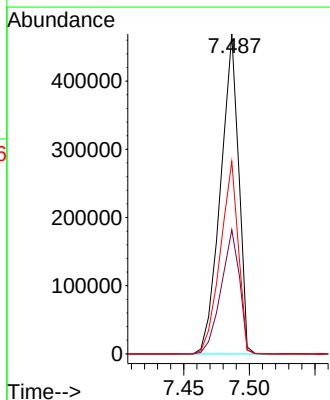
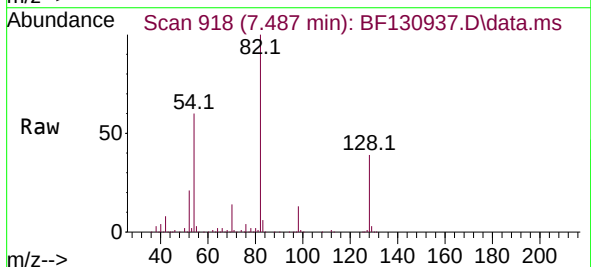
APPROVED

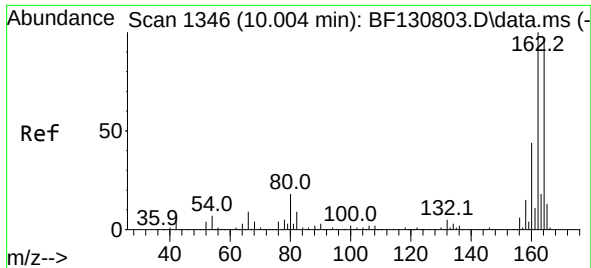
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#23
Nitrobenzene-d5
Concen: 97.208 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

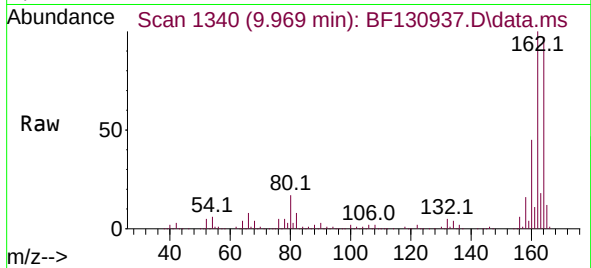
Tgt Ion: 82 Resp: 451287
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 60.2 48.0 72.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

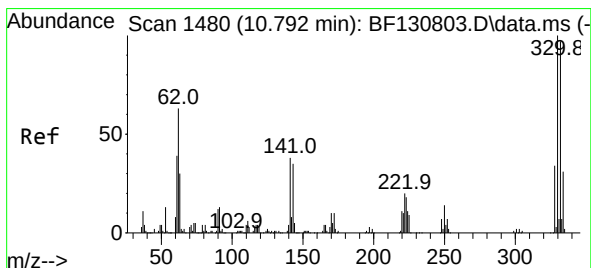
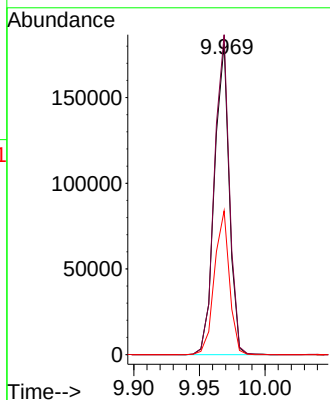
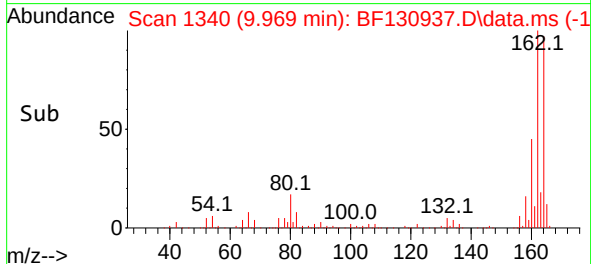
Instrument :
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ClientSampleId :
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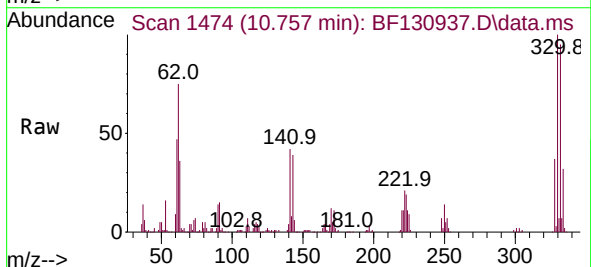
Tgt Ion:164 Resp: 142953
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 46.2 36.6 54.8

Manual Integrations
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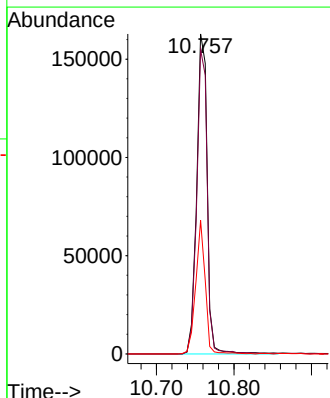
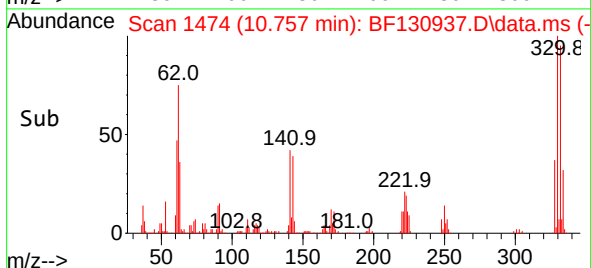
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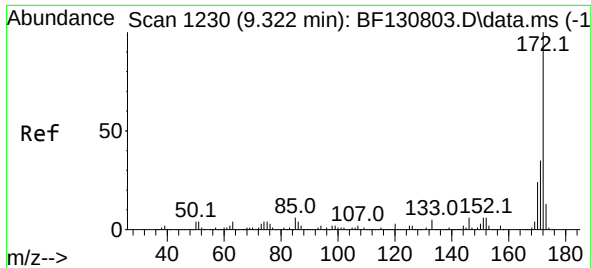


#42
2,4,6-Tribromophenol
Concen: 127.395 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51



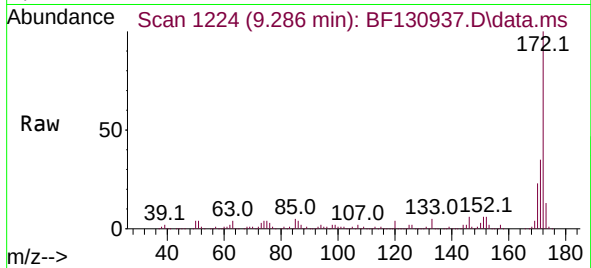
Tgt Ion:330 Resp: 153304
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 37.6 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 77.905 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

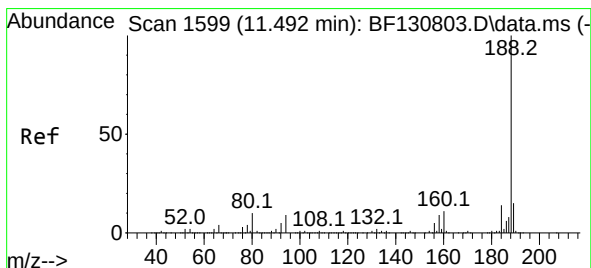
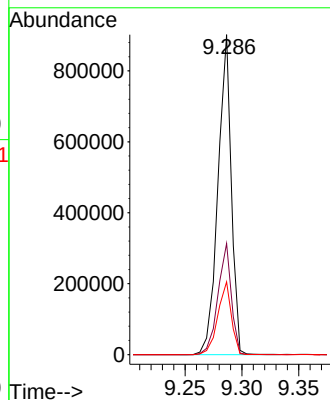
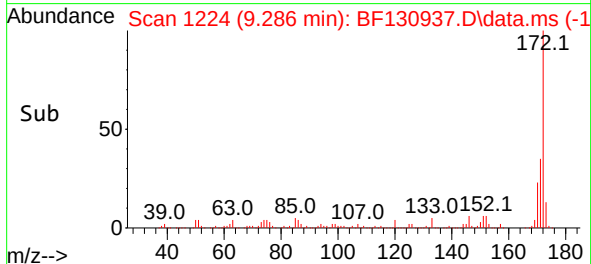
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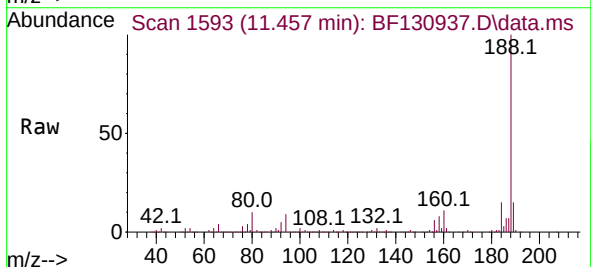
Tgt Ion:172 Resp: 736617
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.8 19.0 28.4

Manual Integrations
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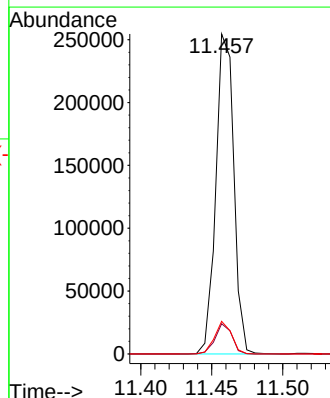
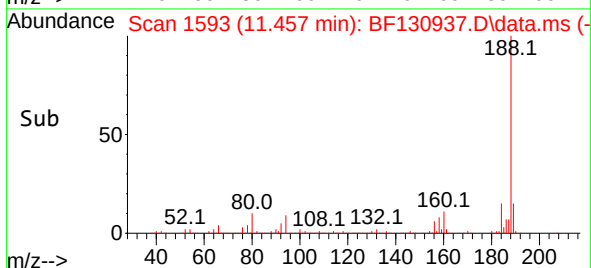
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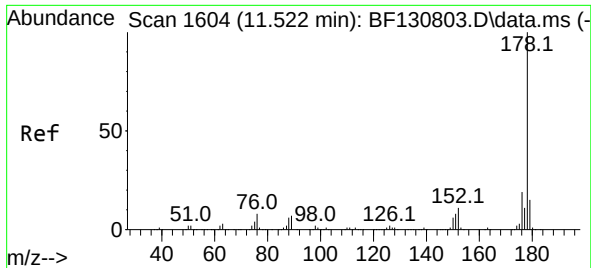


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51



Tgt Ion:188 Resp: 224490
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 8.0 12.0





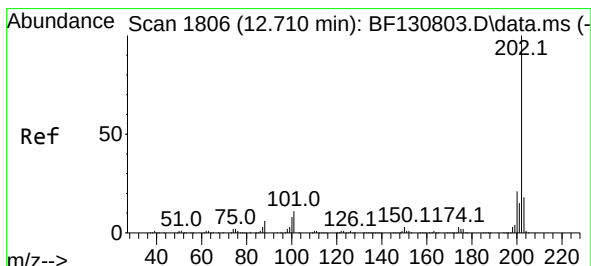
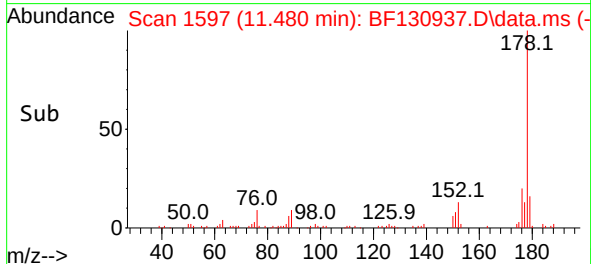
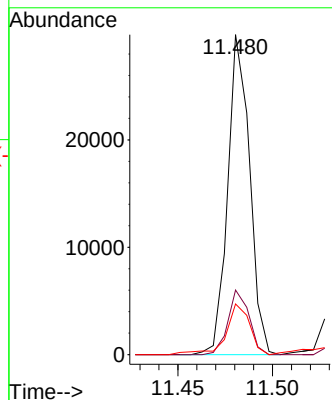
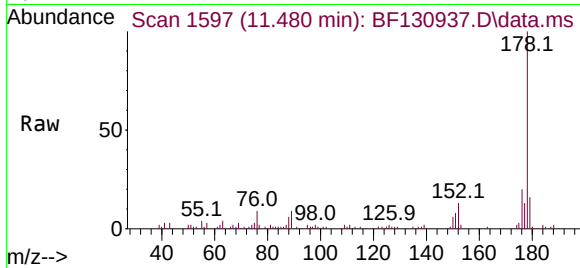
#71
Phenanthrene
Concen: 2.067 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:178 Resp: 23954
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 15.8 12.2 18.2

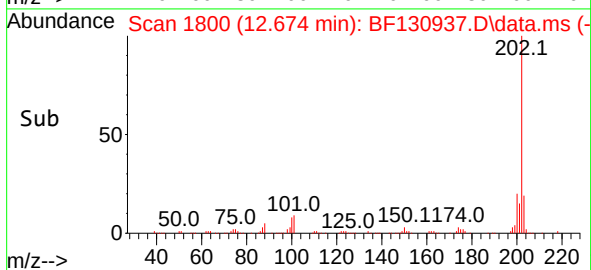
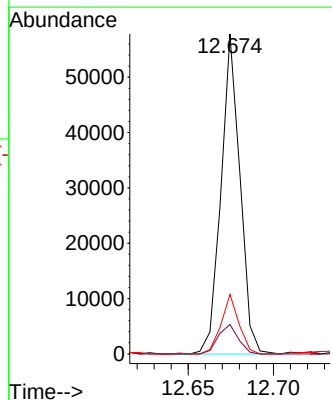
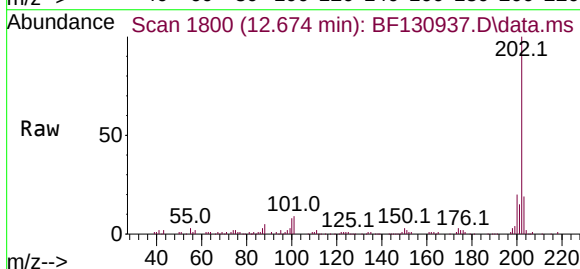
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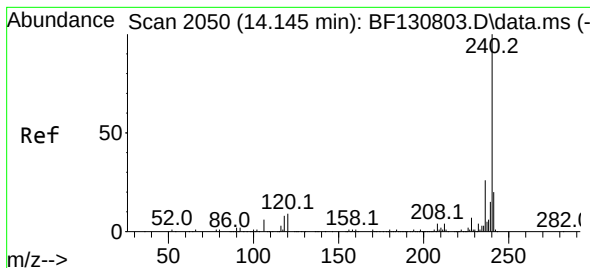
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#75
Fluoranthene
Concen: 3.633 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

Tgt Ion:202 Resp: 44726
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.9
203 18.6 0.0 37.7





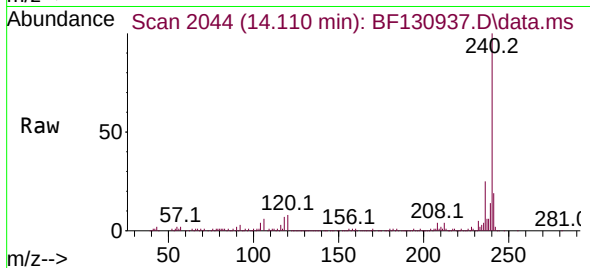
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

Instrument :

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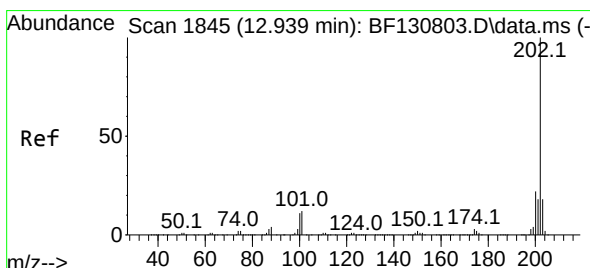
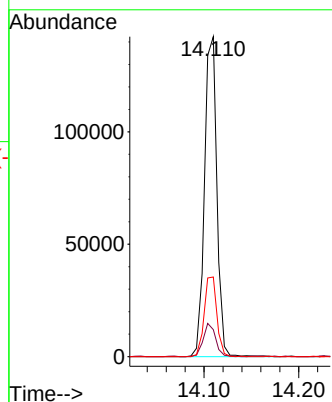
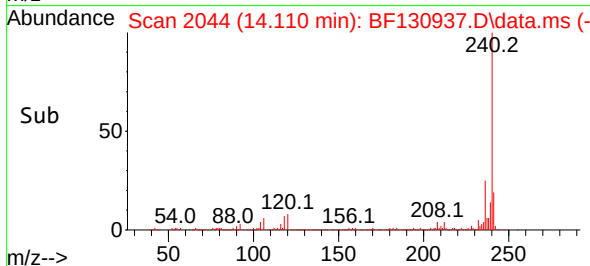


Tgt Ion:240 Resp: 129356
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 24.9 20.5 30.7

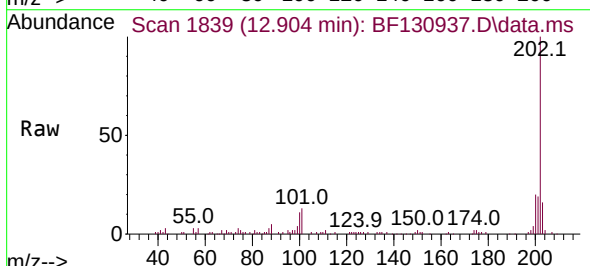
Manual Integrations

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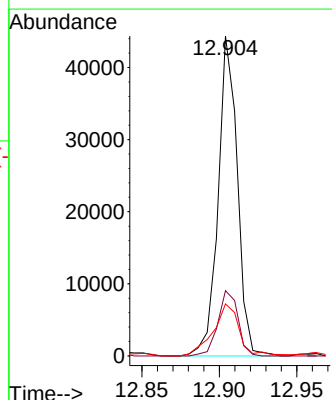
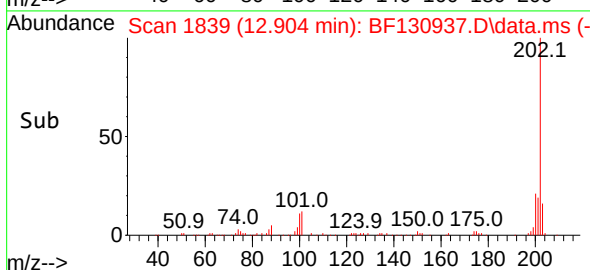
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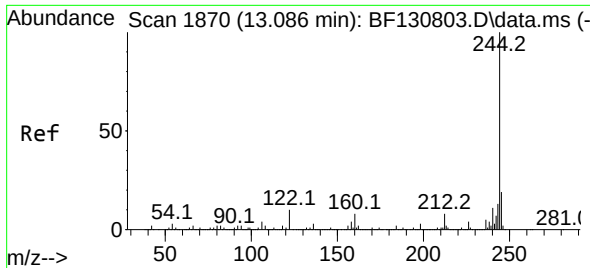


#78
Pyrene
Concen: 3.503 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51



Tgt Ion:202 Resp: 38226
Ion Ratio Lower Upper
202 100
200 20.4 17.2 25.8
203 16.2 14.5 21.7





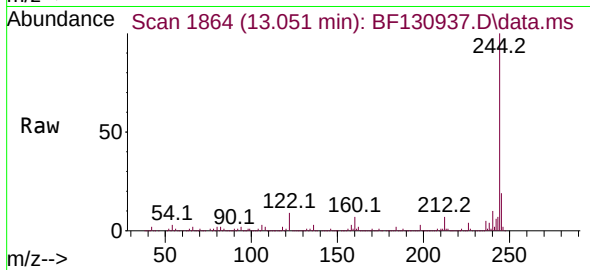
#79
 Terphenyl-d14
 Concen: 73.726 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.006 min
 Lab File: BF130937.D
 Acq: 02 Nov 2022 18:51

Instrument :

BNA_F

ClientSampleId :

S-10-103122

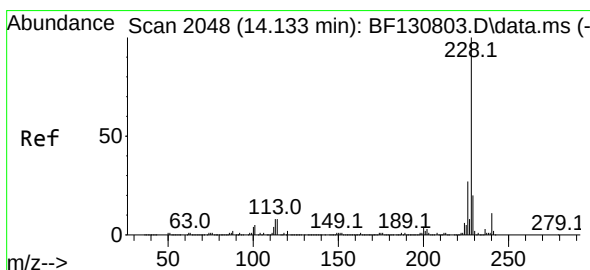
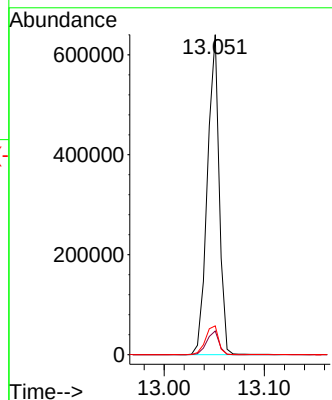
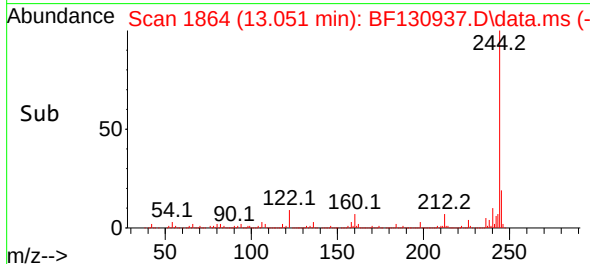


Tgt Ion:244 Resp: 520447
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.0 7.9 11.9

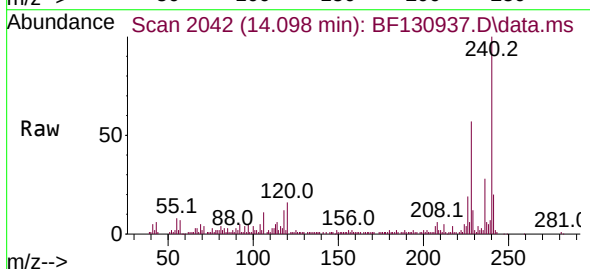
Manual Integrations

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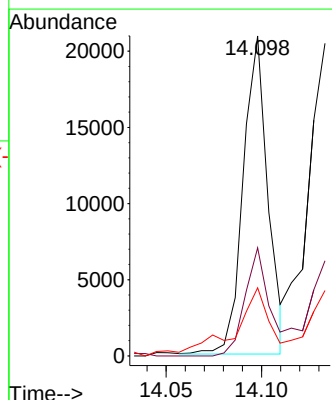
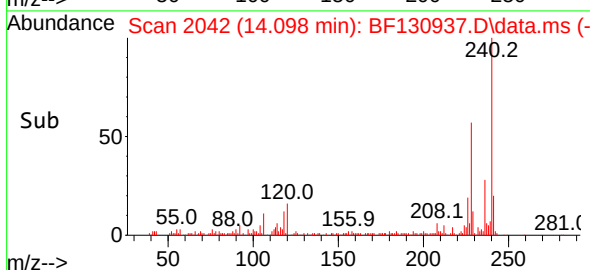
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022

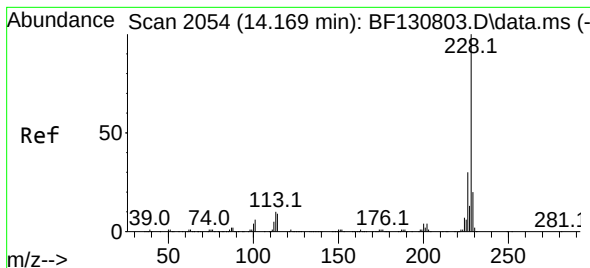


#81
 Benzo(a)anthracene
 Concen: 2.198 ng m
 RT: 14.098 min Scan# 2042
 Delta R.T. -0.012 min
 Lab File: BF130937.D
 Acq: 02 Nov 2022 18:51



Tgt Ion:228 Resp: 18849
 Ion Ratio Lower Upper
 228 100
 226 33.8 21.4 32.2#
 229 21.3 15.8 23.6





#83

Chrysene

Concen: 2.429 ng

RT: 14.133 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF130937.D

Acq: 02 Nov 2022 18:51

Instrument :

BNA_F

ClientSampleId :

S-10-103122

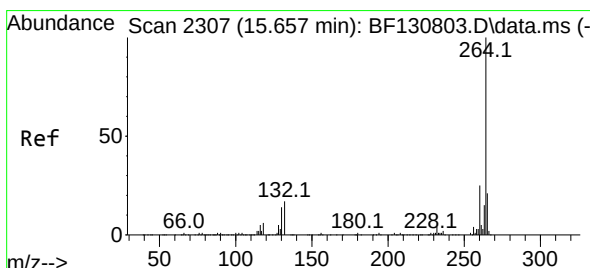
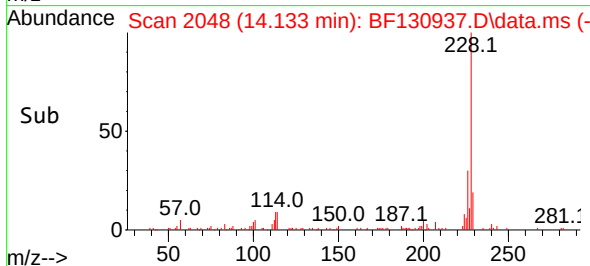
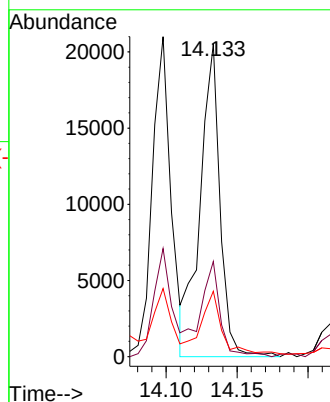
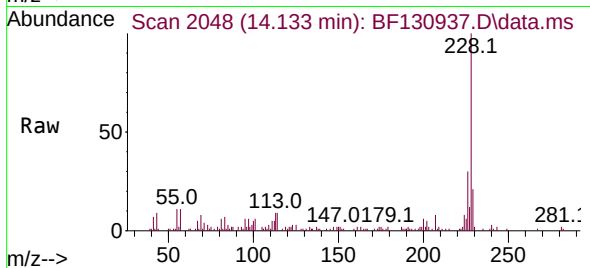
Tgt Ion:228	Resp: 20095
Ion Ratio	Lower Upper
228 100	
226 30.4	23.9 35.9
229 20.9	15.8 23.6

Manual Integrations

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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

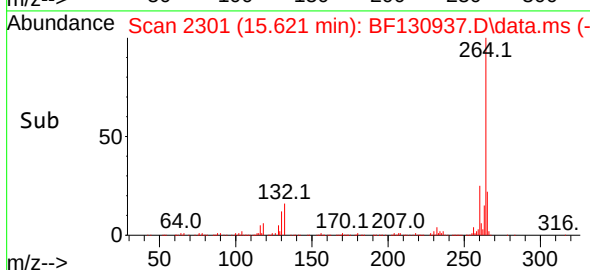
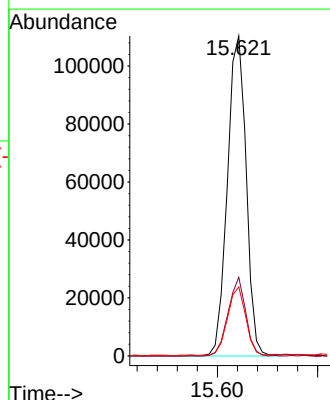
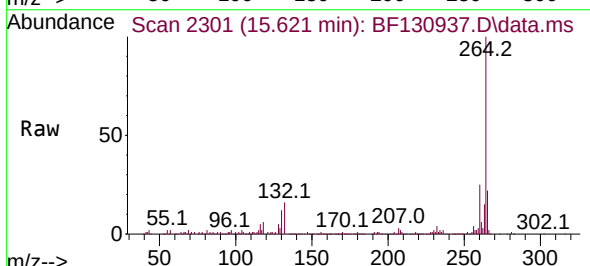
RT: 15.621 min Scan# 2301

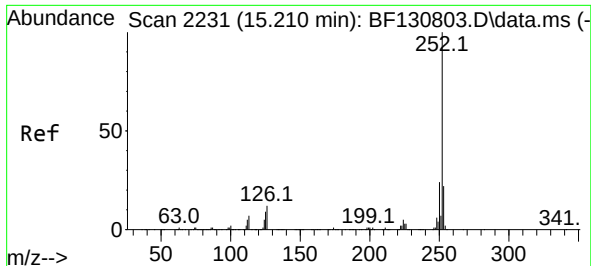
Delta R.T. -0.006 min

Lab File: BF130937.D

Acq: 02 Nov 2022 18:51

Tgt Ion:264	Resp: 143516
Ion Ratio	Lower Upper
264 100	
260 24.6	19.9 29.9
265 21.6	17.0 25.6





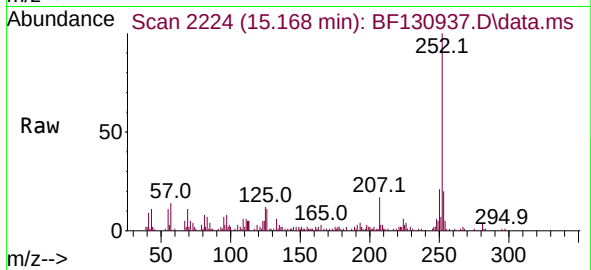
#88
Benzo(b)fluoranthene
Concen: 2.760 ng m
RT: 15.168 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

Instrument :

BNA_F

ClientSampleId :

S-10-103122

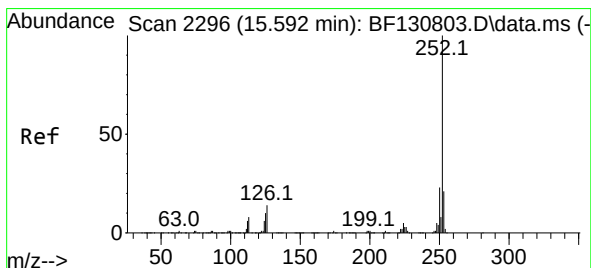
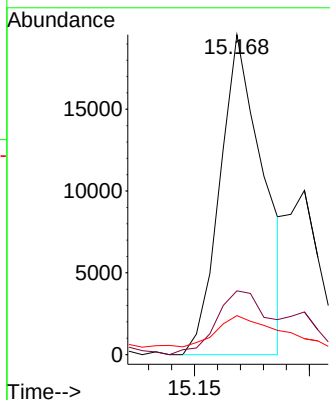
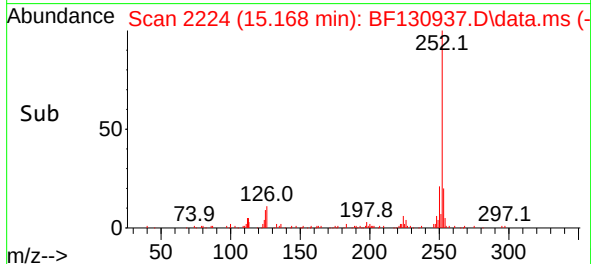


Tgt Ion:252 Resp: 25600
Ion Ratio Lower Upper
252 100
253 19.9 17.5 26.3
125 12.2 7.0 10.4

Manual Integrations

APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.554 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BF130937.D
Acq: 02 Nov 2022 18:51

Tgt Ion:252 Resp: 19050
Ion Ratio Lower Upper
252 100
253 27.5 16.8 25.2#
125 13.0 8.3 12.5#

