

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130938.D
 Acq On : 02 Nov 2022 19:26
 Operator : CG\JU
 Sample : N5395-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5-103122

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 03:45:50 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	70970	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	276303	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	134232	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	203060	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	128776	20.000	ng	-0.01
86) Perylene-d12	15.621	264	148732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	502847	122.832	ng	0.00
7) Phenol-d6	6.545	99	621970	116.915	ng	0.00
23) Nitrobenzene-d5	7.487	82	417589	91.132	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	136784	121.052	ng	-0.01
45) 2-Fluorobiphenyl	9.287	172	679365	76.518	ng	0.00
79) Terphenyl-d14	13.051	244	471420	67.082	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.316	107	72522	14.310	ng	85
31) Naphthalene	8.228	128	44239	3.069	ng	98
71) Phenanthrene	11.480	178	23541	2.246	ng	95
75) Fluoranthene	12.675	202	37308	3.350	ng	99
78) Pyrene	12.904	202	33144	3.051	ng	99
81) Benzo(a)anthracene	14.098	228	17124m	2.006	ng	
83) Chrysene	14.133	228	18708	2.272	ng	97
88) Benzo(b)fluoranthene	15.168	252	24466m	2.545	ng	
90) Benzo(a)pyrene	15.551	252	20523	2.655	ng	# 93

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

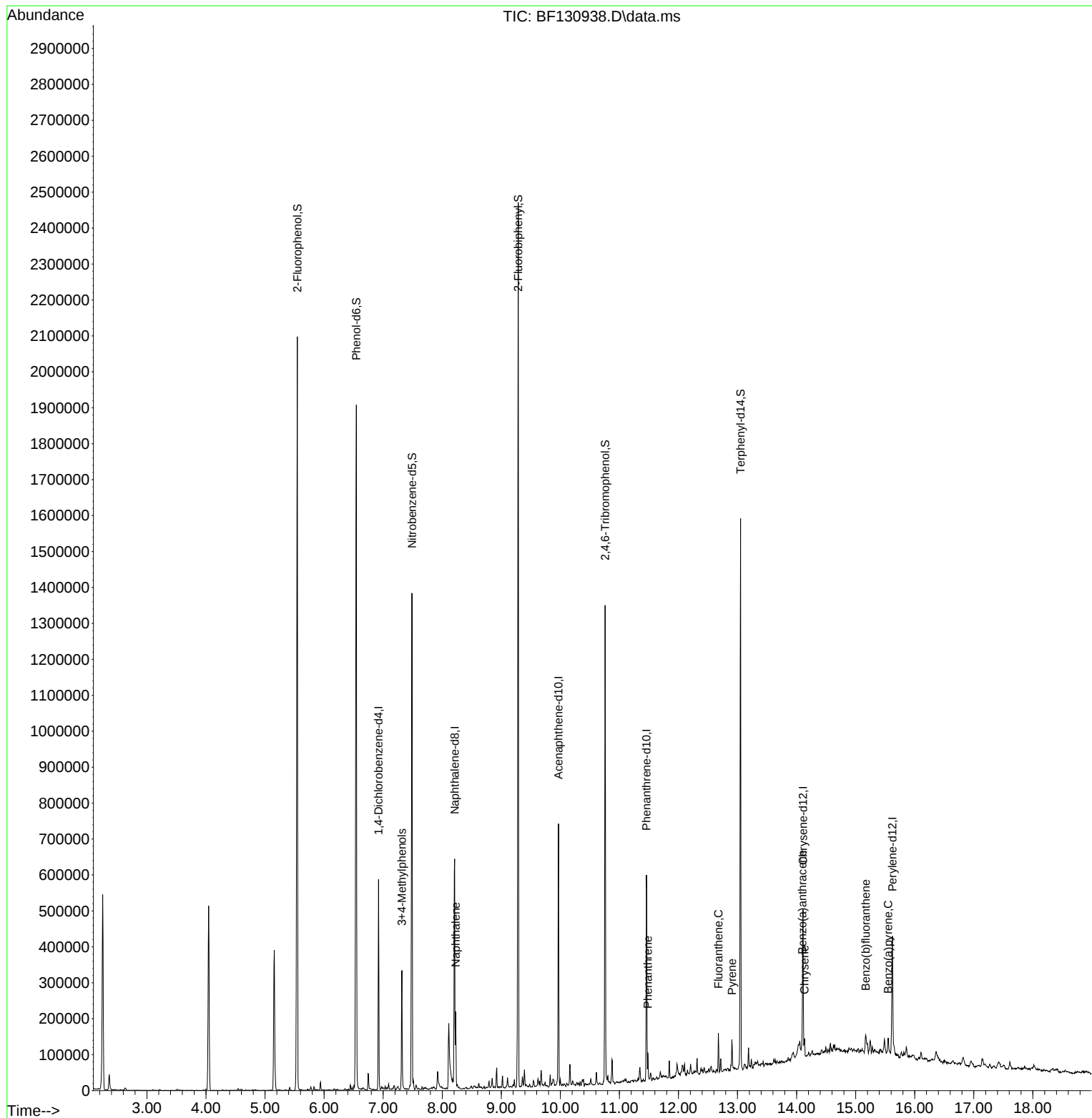
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
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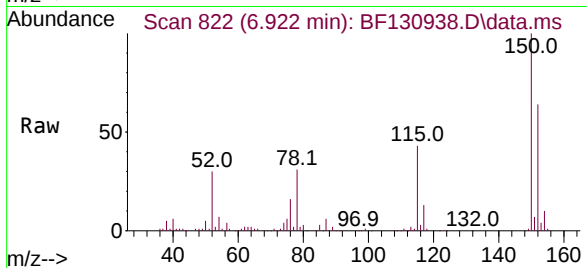
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

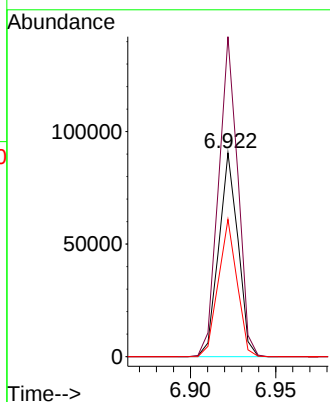
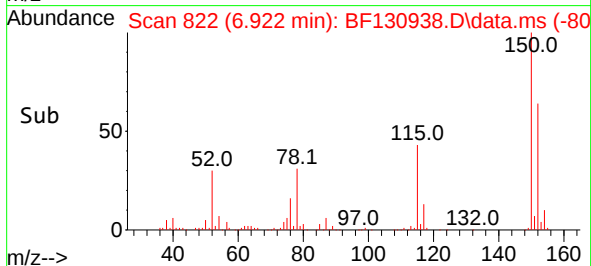
Instrument :
BNA_F
ClientSampleId :
S-5-103122



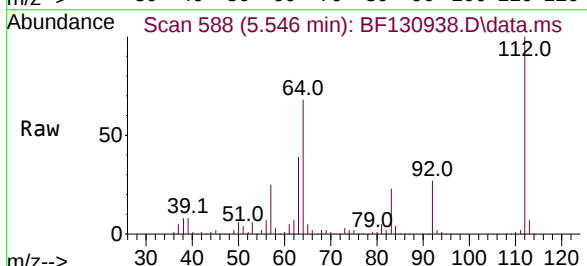
Tgt Ion:152 Resp: 70976
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 67.4 50.1 75.1

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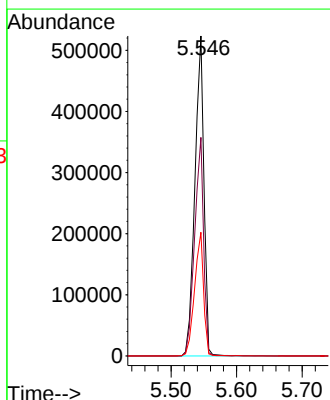
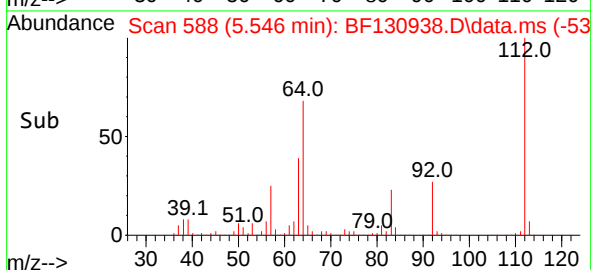
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#5
2-Fluorophenol
Concen: 122.832 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26



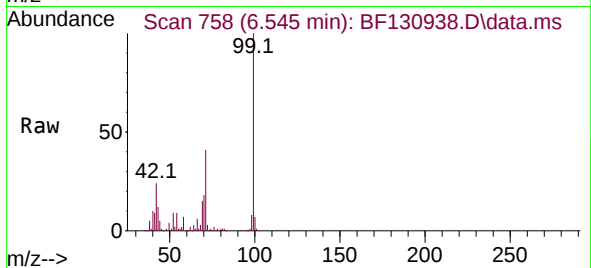
Tgt Ion:112 Resp: 502847
Ion Ratio Lower Upper
112 100
64 68.3 53.9 80.9
63 38.6 29.4 44.2





#7
Phenol-d6
Concen: 116.915 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

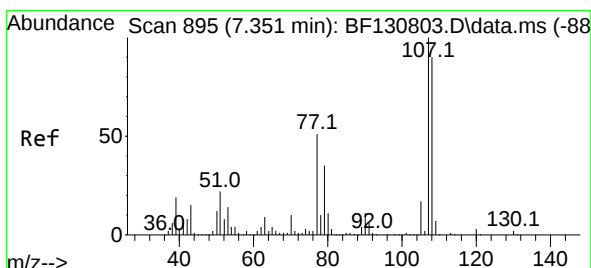
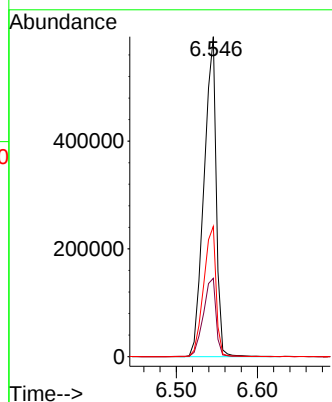
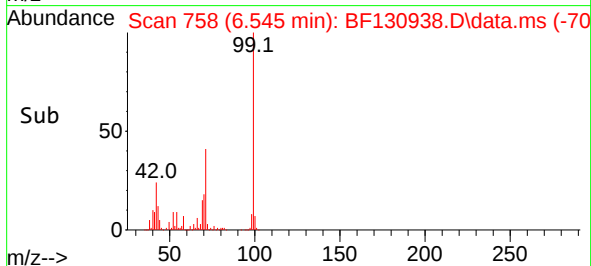
Instrument :
BNA_F
ClientSampleId :
S-5-103122



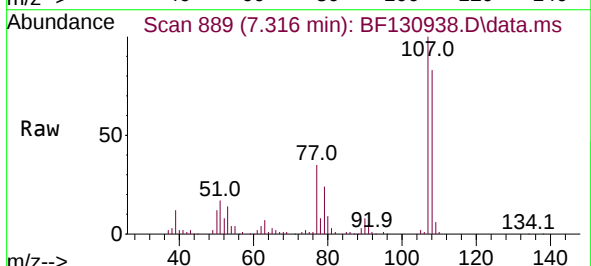
Tgt Ion: 99 Resp: 621970
Ion Ratio Lower Upper
99 100
42 24.5 18.8 28.2
71 40.7 31.4 47.0

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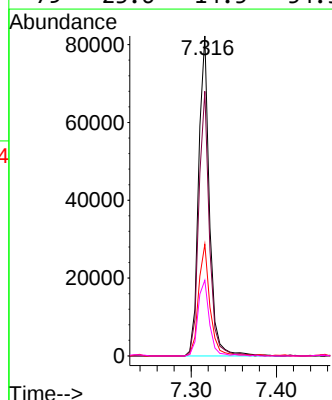
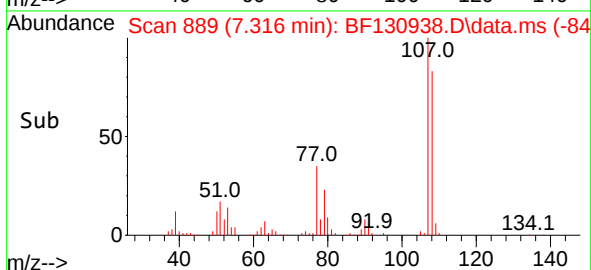
Reviewed By :Christian Giraldo 11/03/2022
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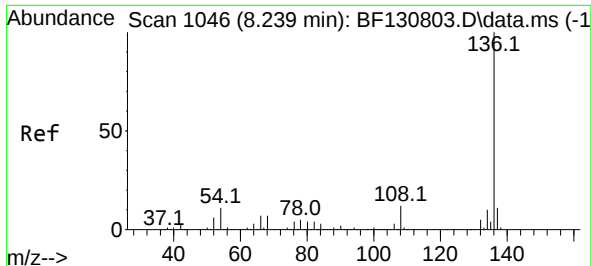


#20
3+4-Methylphenols
Concen: 14.310 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26



Tgt Ion:107 Resp: 72522
Ion Ratio Lower Upper
107 100
108 82.7 70.4 110.4
77 34.9 31.1 71.1
79 23.6 14.5 54.5





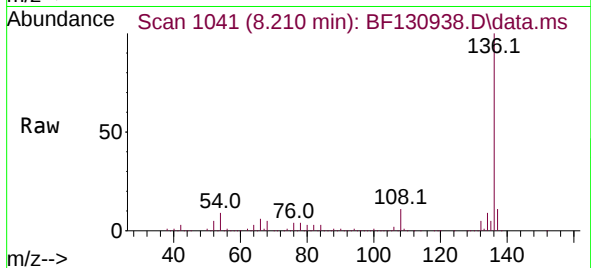
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Instrument :

BNA_F

ClientSampleId :

S-5-103122

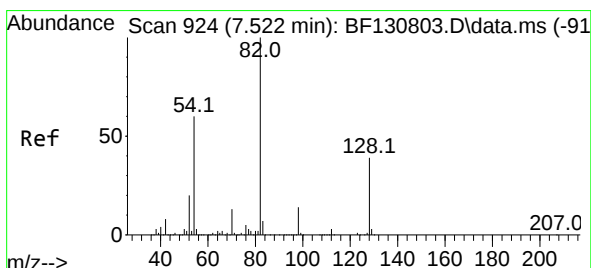
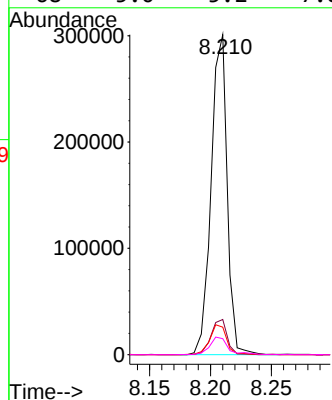
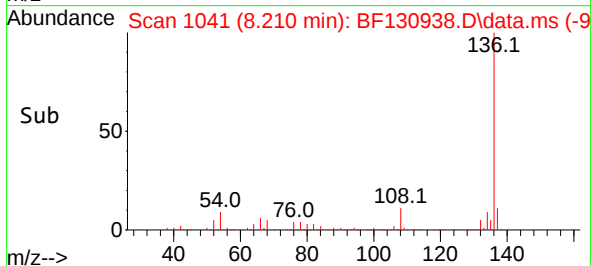


Tgt Ion:136 Resp: 276303
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.6 8.8 13.2
68 5.0 5.2 7.8#

Manual Integrations

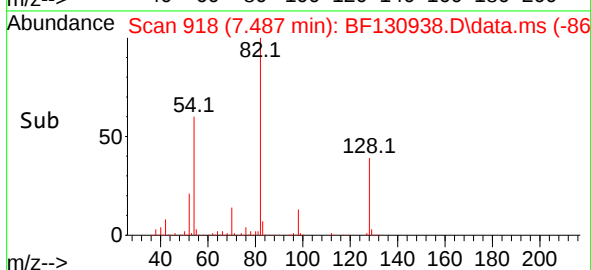
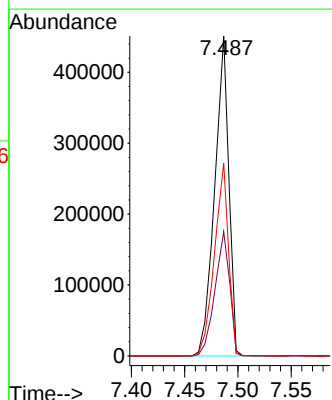
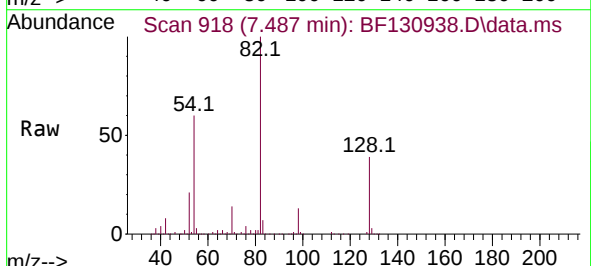
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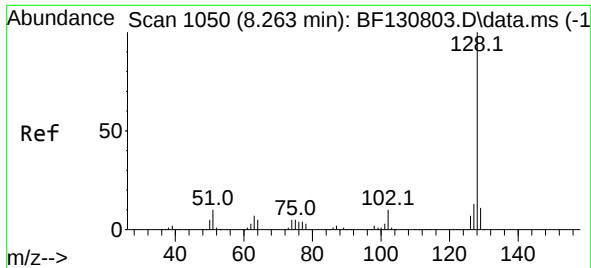
Reviewed By :Christian Giraldo 11/03/2022
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#23
Nitrobenzene-d5
Concen: 91.132 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Tgt Ion: 82 Resp: 417589
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 60.2 48.0 72.0





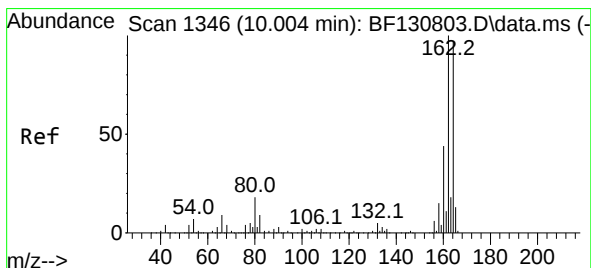
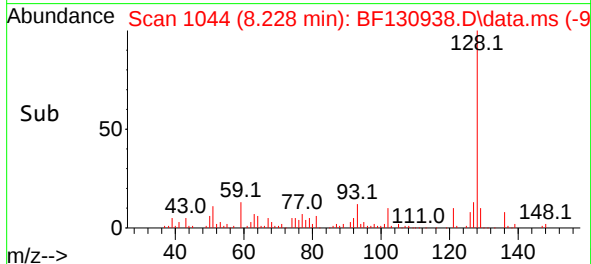
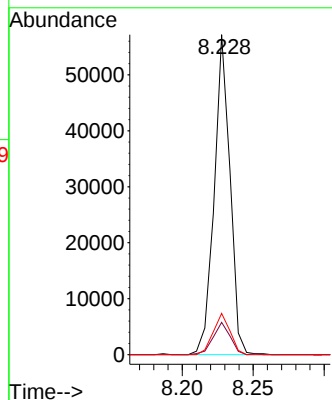
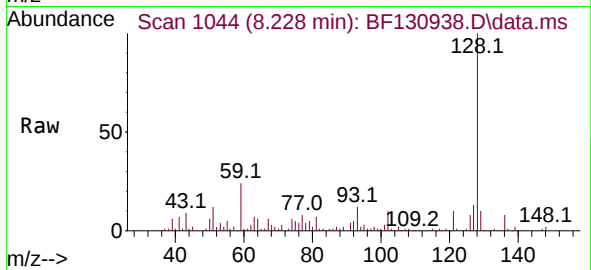
#31
Naphthalene
Concen: 3.069 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Tgt Ion:128 Resp: 44239
Ion Ratio Lower Upper
128 100
129 10.1 9.0 13.6
127 12.9 10.6 16.0

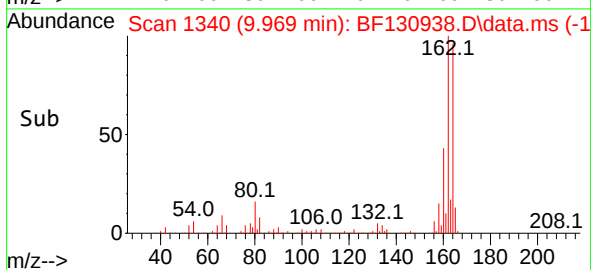
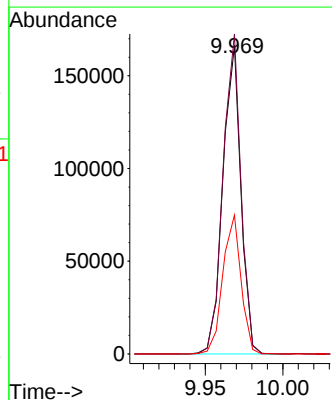
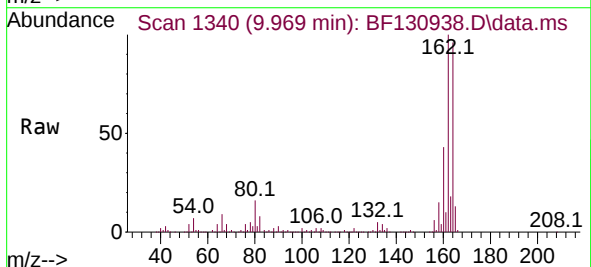
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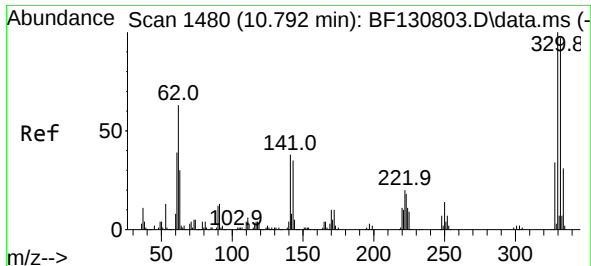
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

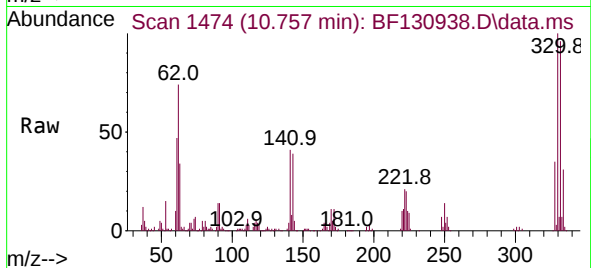
Tgt Ion:164 Resp: 134232
Ion Ratio Lower Upper
164 100
162 103.8 82.2 123.2
160 45.0 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 121.052 ng
RT: 10.757 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

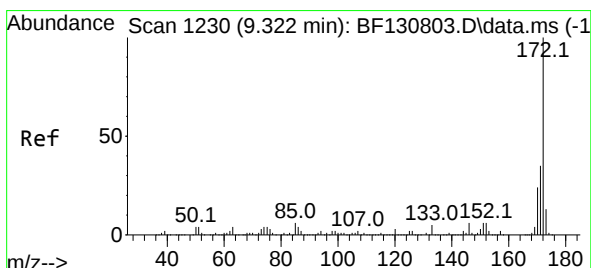
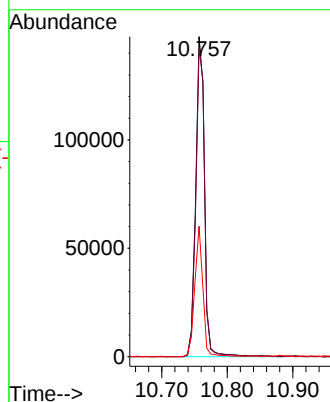
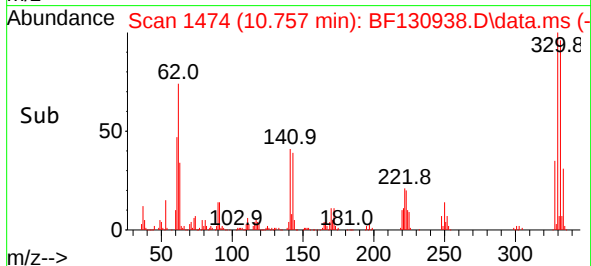
Instrument :
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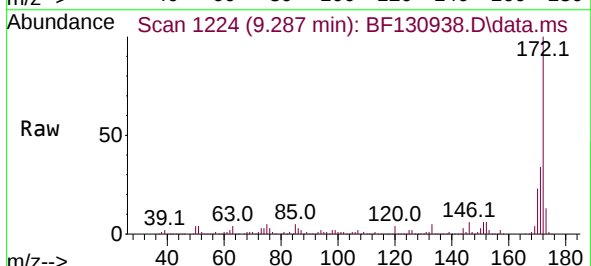
Tgt Ion: 330 Resp: 136784
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 38.0 31.4 47.0

Manual Integrations
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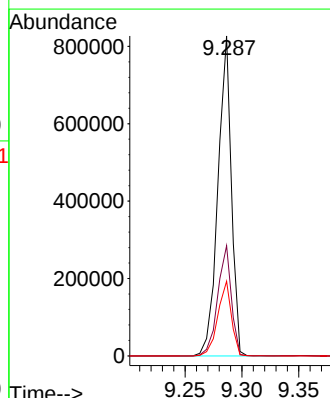
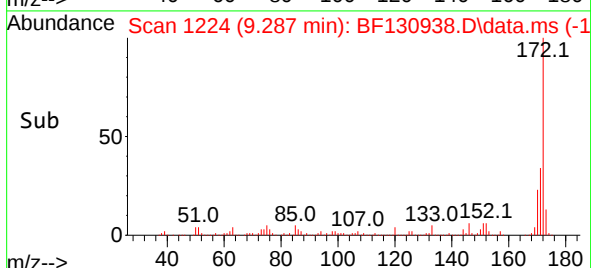
Reviewed By : Christian Giraldo 11/03/2022
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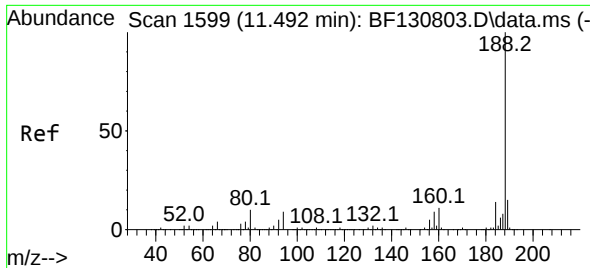


#45
2-Fluorobiphenyl
Concen: 76.518 ng
RT: 9.287 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26



Tgt Ion: 172 Resp: 679365
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 19.0 28.4





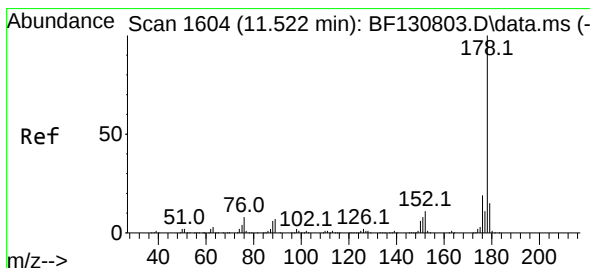
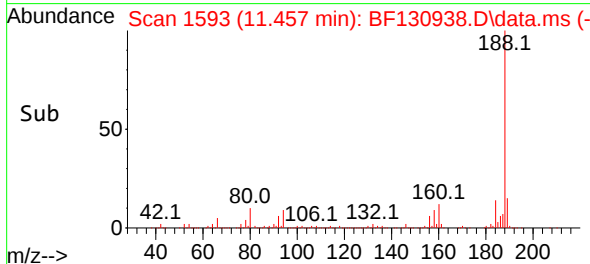
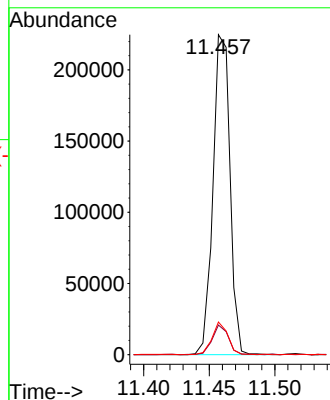
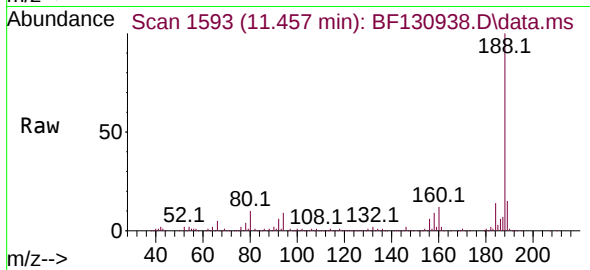
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Tgt Ion:188 Resp: 203060
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.2 8.0 12.0

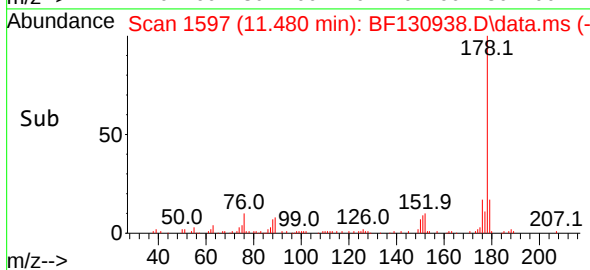
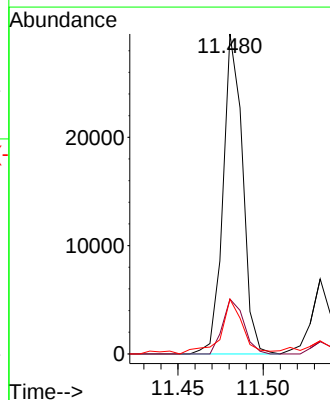
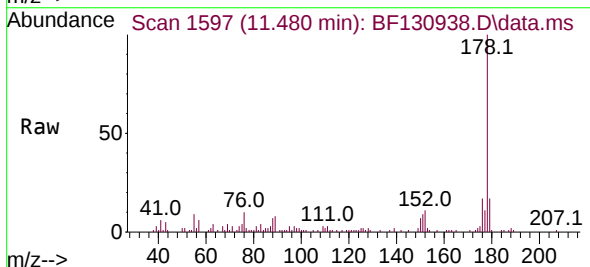
Manual Integrations
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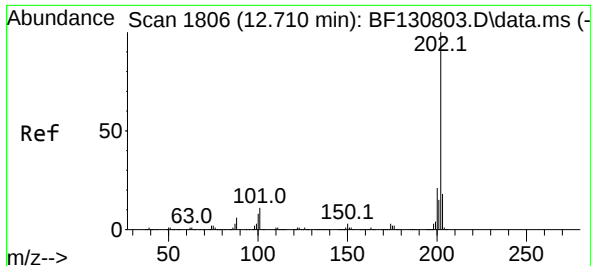
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#71
Phenanthrene
Concen: 2.246 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Tgt Ion:178 Resp: 23541
Ion Ratio Lower Upper
178 100
176 17.1 15.5 23.3
179 17.1 12.2 18.2





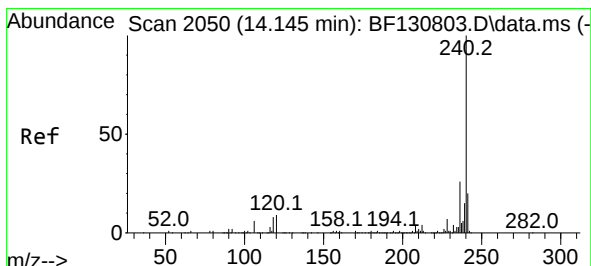
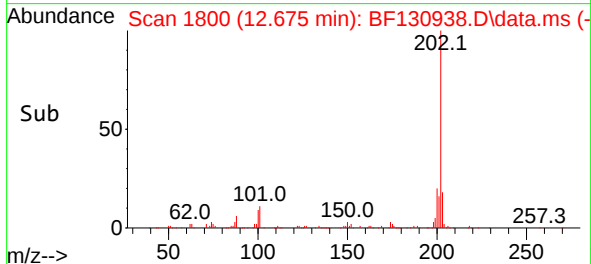
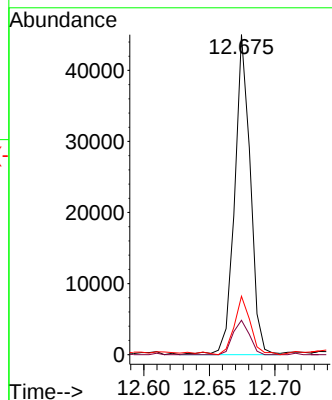
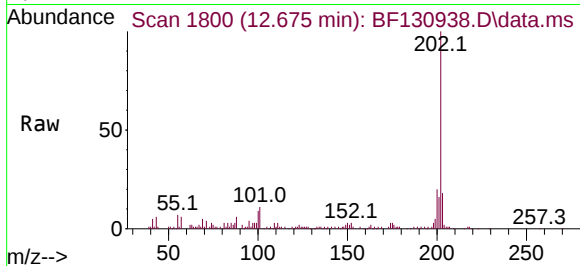
#75
Fluoranthene
Concen: 3.350 ng
RT: 12.675 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Tgt Ion:202 Resp: 37308
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.9
203 18.2 0.0 37.7

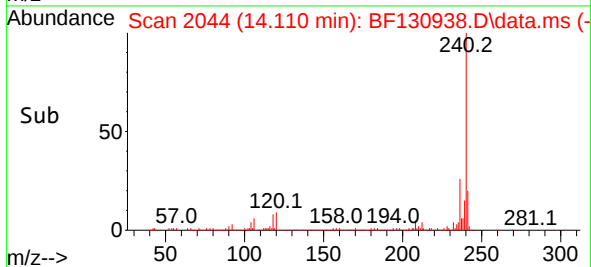
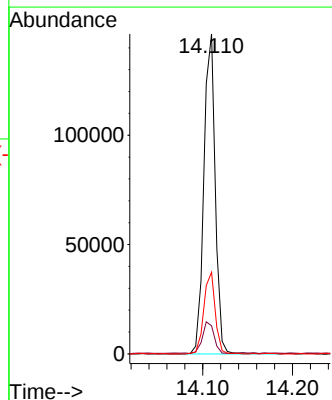
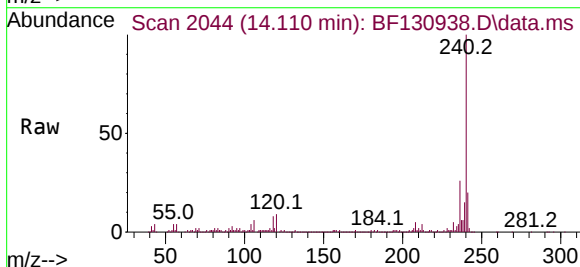
Manual Integrations
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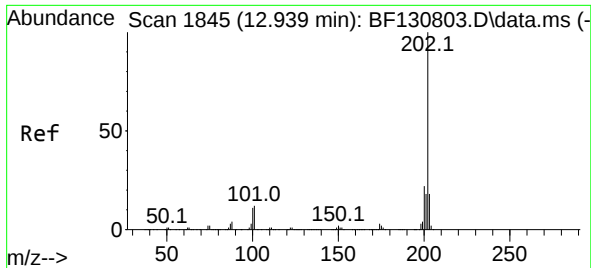
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

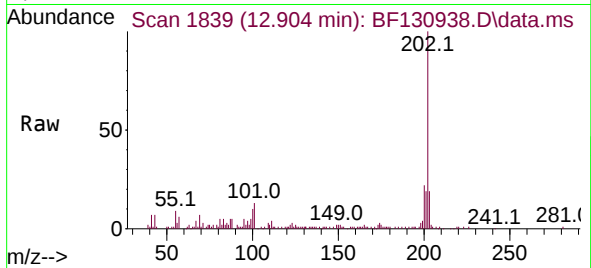
Tgt Ion:240 Resp: 128776
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.5 20.5 30.7





#78
 Pyrene
 Concen: 3.051 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF130938.D
 Acq: 02 Nov 2022 19:26

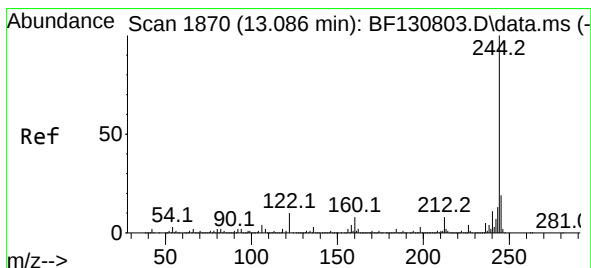
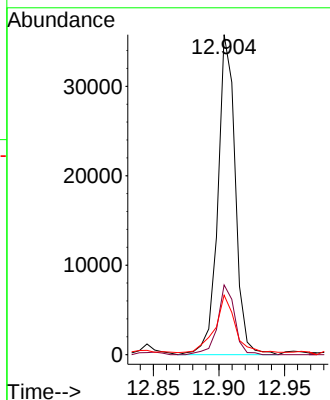
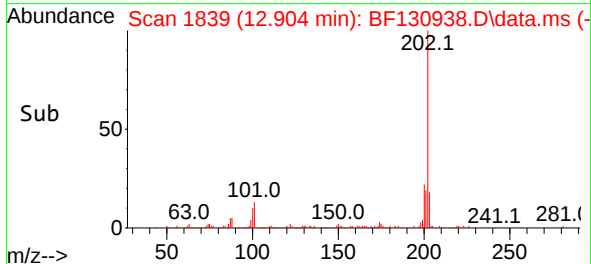
Instrument :
 BNA_F
 ClientSampleId :
 S-5-103122



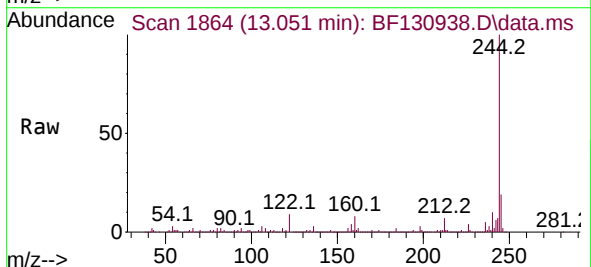
Tgt Ion:202 Resp: 33144
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 18.6 14.5 21.7

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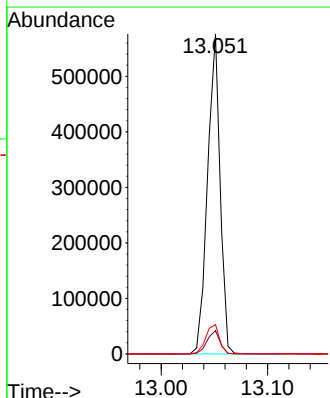
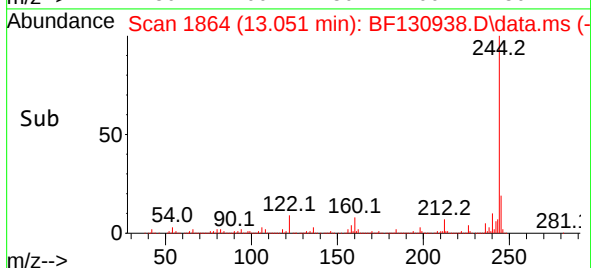
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :Jagrut Upadhyay 11/03/2022

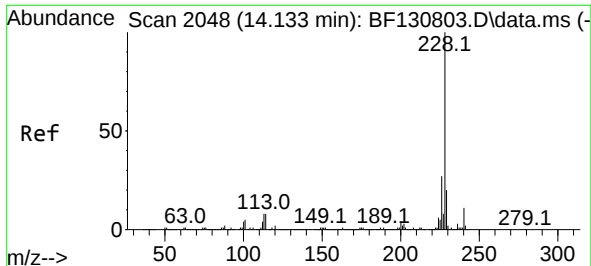


#79
 Terphenyl-d14
 Concen: 67.082 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. -0.006 min
 Lab File: BF130938.D
 Acq: 02 Nov 2022 19:26



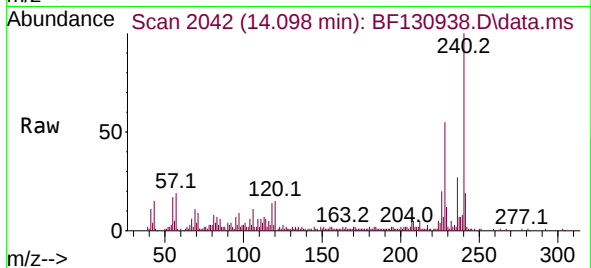
Tgt Ion:244 Resp: 471420
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.2 7.9 11.9





#81
Benzo(a)anthracene
Concen: 2.006 ng m
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

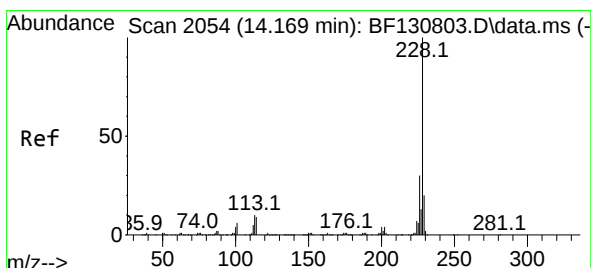
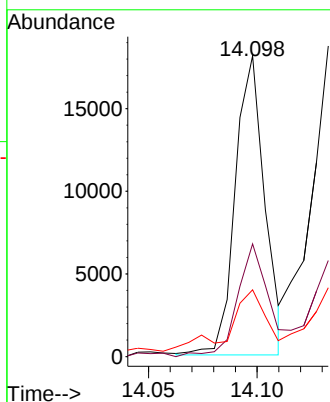
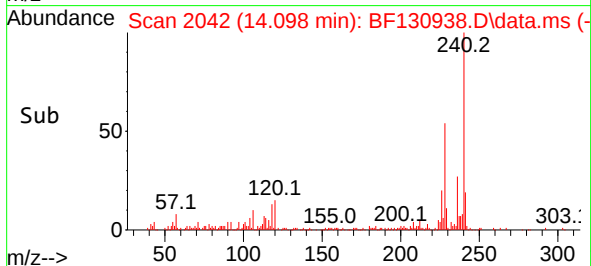
Instrument :
BNA_F
ClientSampleId :
S-5-103122



Tgt Ion:228 Resp: 17124
Ion Ratio Lower Upper
228 100
226 37.5 21.4 32.2
229 22.2 15.8 23.6

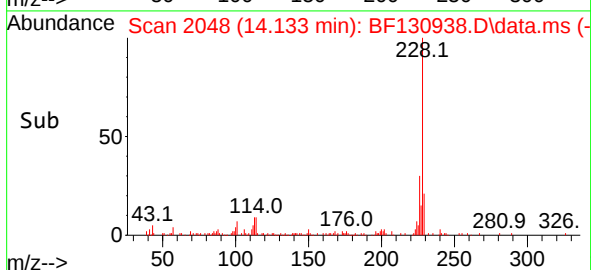
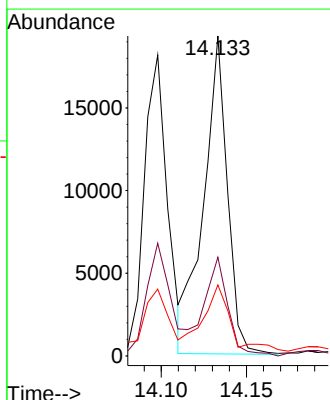
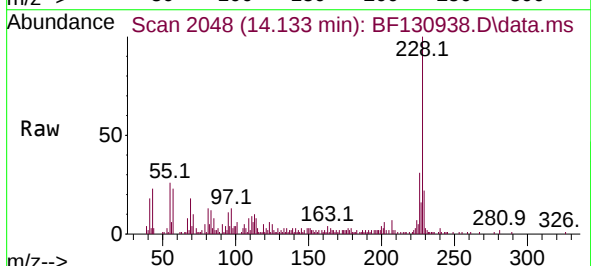
Manual Integrations
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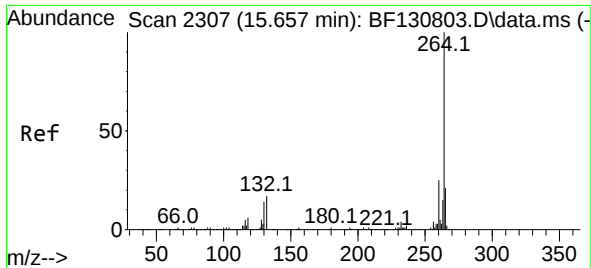
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#83
Chrysene
Concen: 2.272 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Tgt Ion:228 Resp: 18708
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 22.2 15.8 23.6





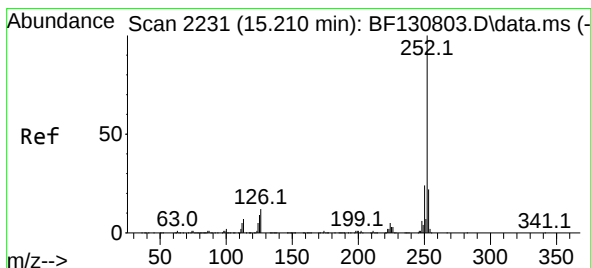
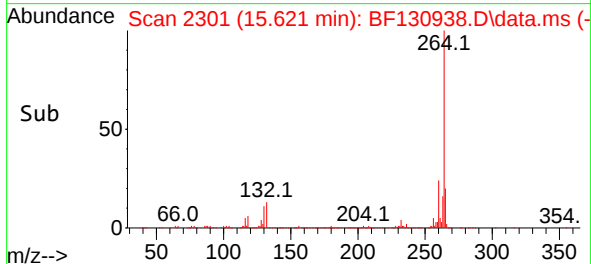
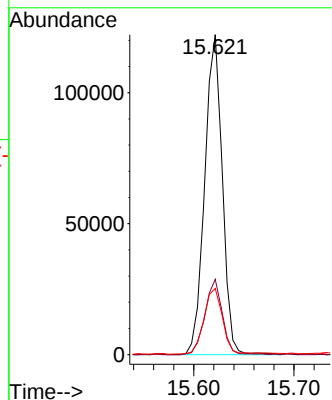
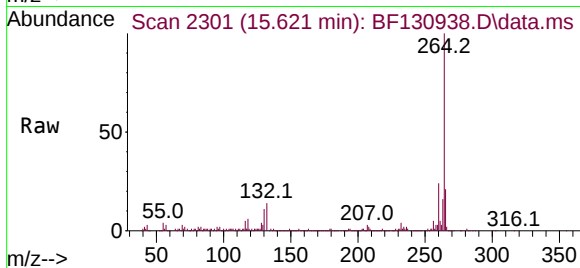
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :
S-5-103122

Tgt Ion:264 Resp: 148732
Ion Ratio Lower Upper
264 100
260 23.5 19.9 29.9
265 20.7 17.0 25.6

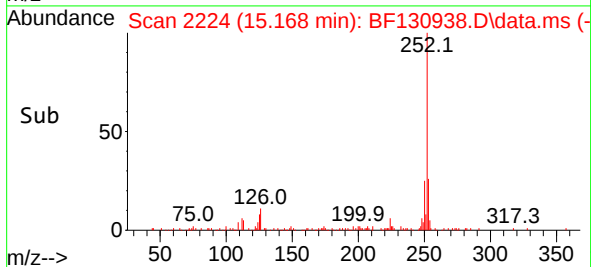
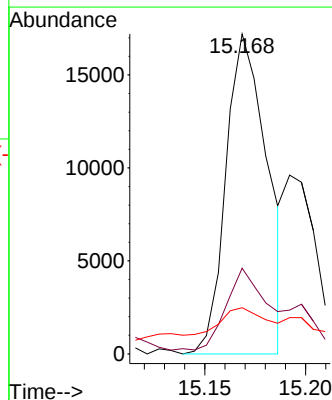
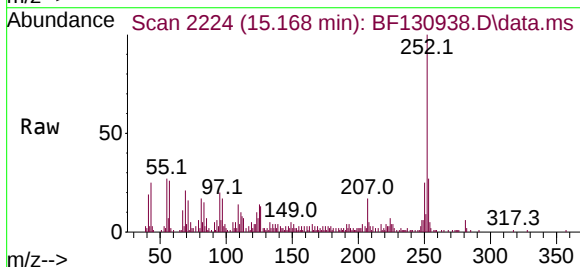
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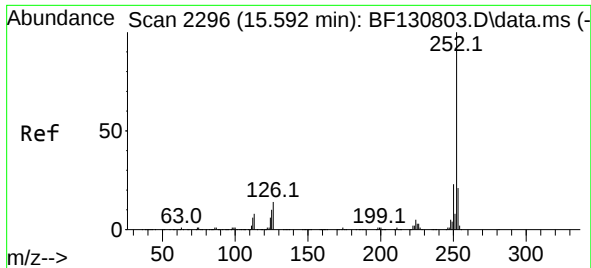
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :Jagrut Upadhyay 11/03/2022



#88
Benzo(b)fluoranthene
Concen: 2.545 ng m
RT: 15.168 min Scan# 2224
Delta R.T. -0.012 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

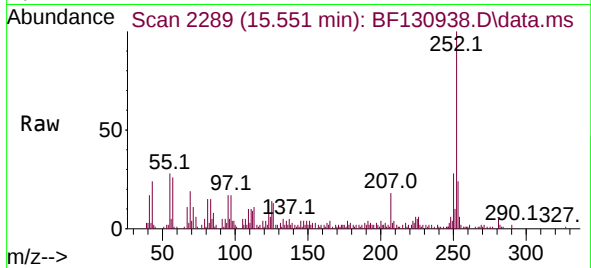
Tgt Ion:252 Resp: 24466
Ion Ratio Lower Upper
252 100
253 26.8 17.5 26.3#
125 14.4 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 2.655 ng
RT: 15.551 min Scan# 2296
Delta R.T. -0.018 min
Lab File: BF130938.D
Acq: 02 Nov 2022 19:26

Instrument :
BNA_F
ClientSampleId :
S-5-103122



Tgt Ion:	252	Resp:	20523
Ion Ratio	Lower	Upper	
252	100		
253	23.6	16.8	25.2
125	14.1	8.3	12.5

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

