

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131168.D
 Acq On : 11 Nov 2022 23:12
 Operator : CG\JU
 Sample : N5556-05 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RM-5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/12/2022
 Supervised By : Jagrut Upadhyay 11/12/2022

Quant Time: Nov 12 00:08:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80309	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	217064	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	94863	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	196685	20.000	ng	0.00
76) Chrysene-d12	14.057	240	138419	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	107602	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	133100	28.185	ng	0.00
7) Phenol-d6	6.498	99	250641	40.597	ng	0.00
23) Nitrobenzene-d5	7.433	82	134962	28.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	10445	10.654	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	264153	38.872	ng	0.00
79) Terphenyl-d14	12.998	244	213331	27.022	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	28357	2.621	ng	98
75) Fluoranthene	12.627	202	34876	3.221	ng	98
78) Pyrene	12.857	202	37221	3.134	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	63321	13.796	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	8265	4.728	ng	# 85
88) Benzo(b)fluoranthene	15.115	252	16438m	2.161	ng	
92) Benzo(g,h,i)perylene	17.521	276	7507	5.268	ng	# 76

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

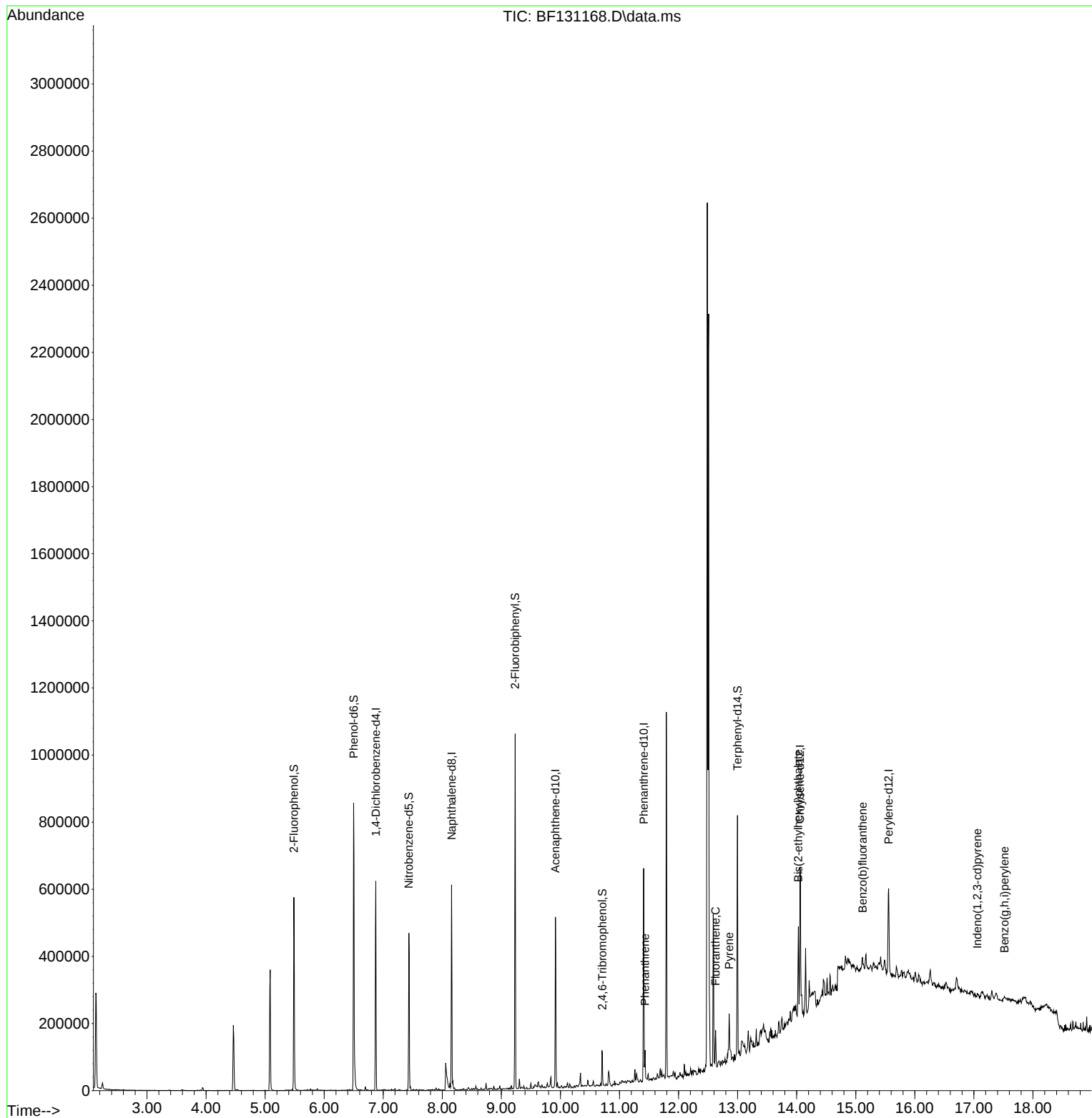
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131168.D
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ALS Vial : 13 Sample Multiplier: 1

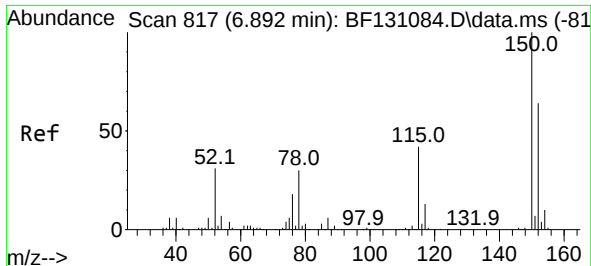
Instrument :
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ClientSampleId :
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Quant Time: Nov 12 00:08:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
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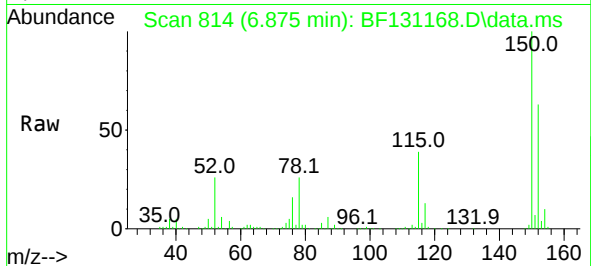
Reviewed By : Christian Giraldo 11/12/2022
Supervised By : Jagrut Upadhyay 11/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

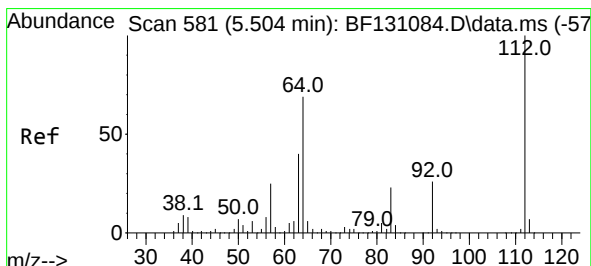
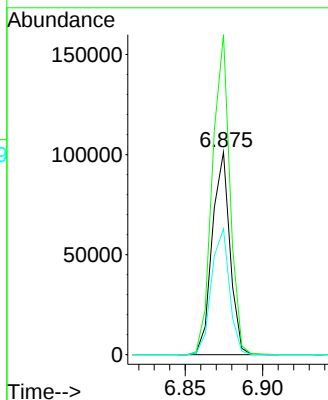
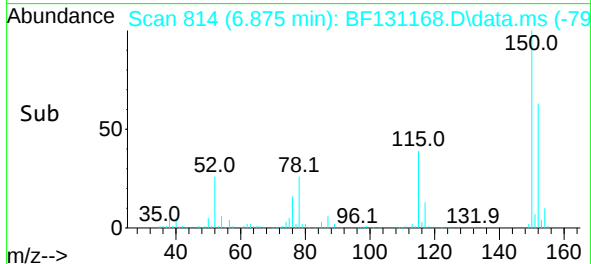
Instrument :
BNA_F
ClientSampleId :
RM-5



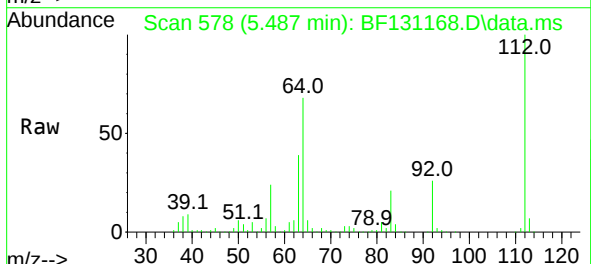
Tgt Ion:152 Resp: 80309
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 62.2 52.2 78.2

Manual Integrations
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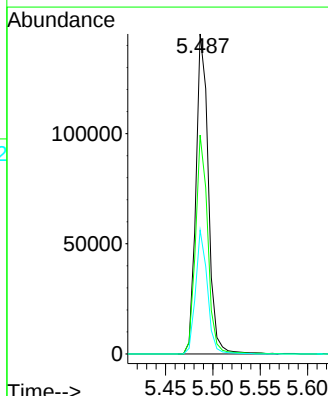
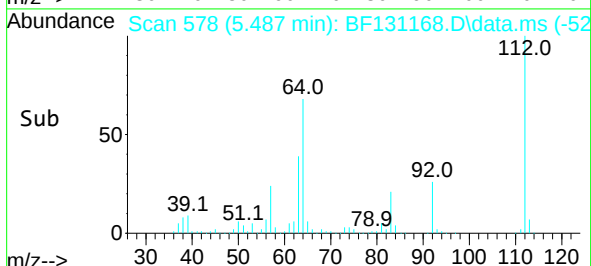
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

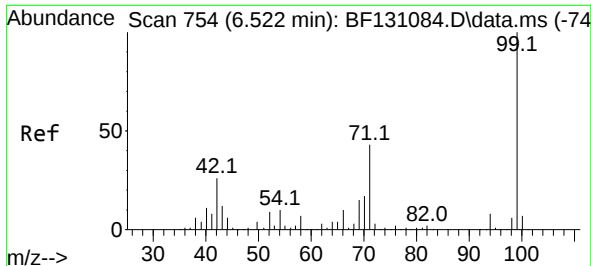


#5
2-Fluorophenol
Concen: 28.185 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12



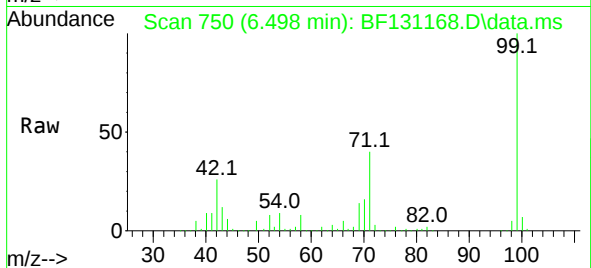
Tgt Ion:112 Resp: 133100
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 38.7 32.4 48.6





#7
Phenol-d6
Concen: 40.597 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

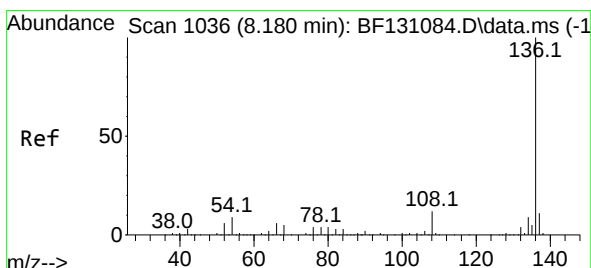
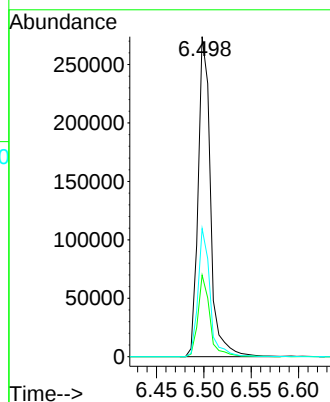
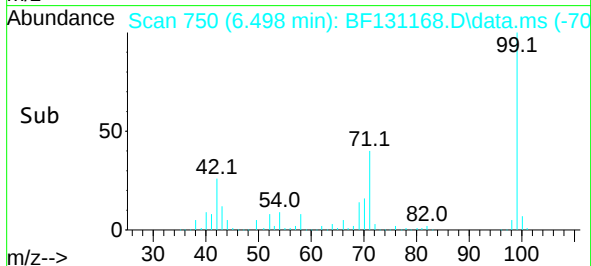
Instrument :
BNA_F
ClientSampleId :
RM-5



Tgt Ion: 99 Resp: 25064
Ion Ratio Lower Upper
99 100
42 25.5 20.8 31.2
71 40.1 34.2 51.4

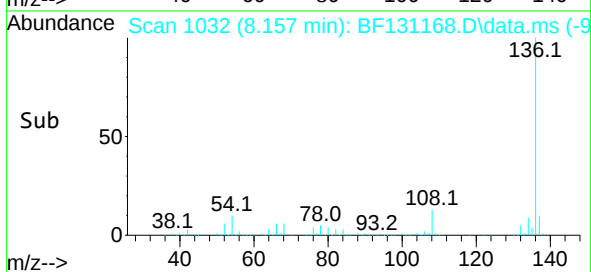
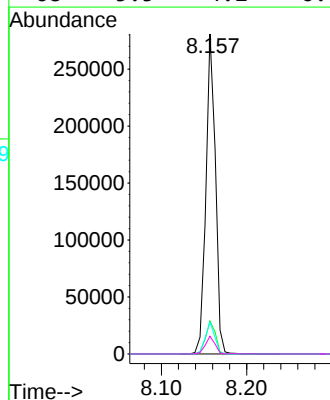
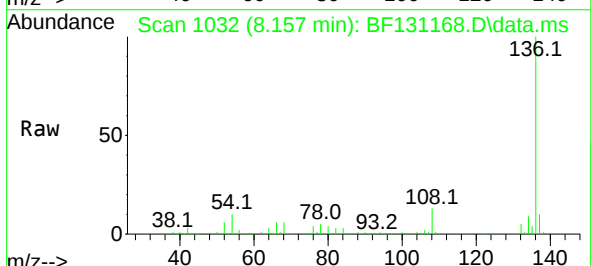
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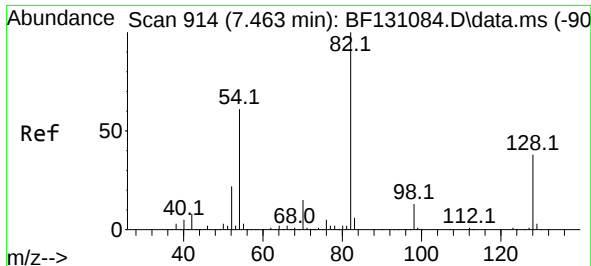
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Tgt Ion:136 Resp: 217064
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 10.0 7.2 10.8
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 28.053 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

Instrument :

BNA_F

ClientSampleId :

RM-5

Tgt Ion: 82 Resp: 134962

Ion Ratio Lower Upper

82 100

128 37.1 30.5 45.7

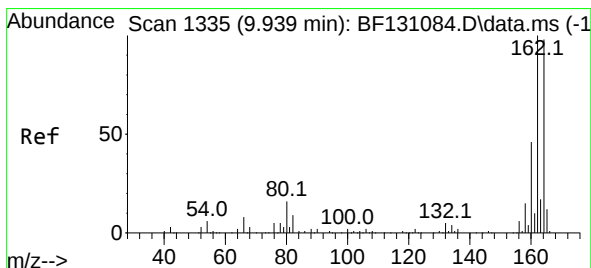
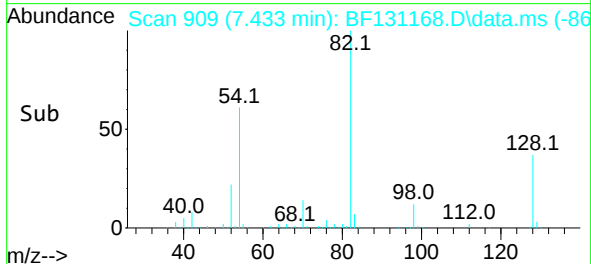
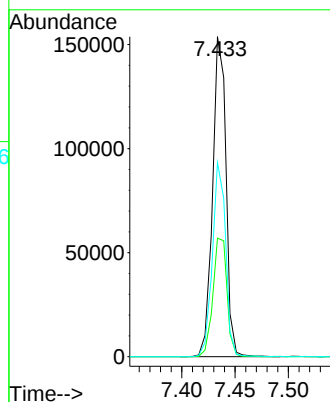
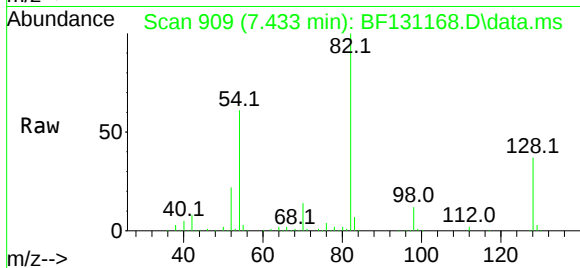
54 60.7 49.1 73.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF131168.D

Acq: 11 Nov 2022 23:12

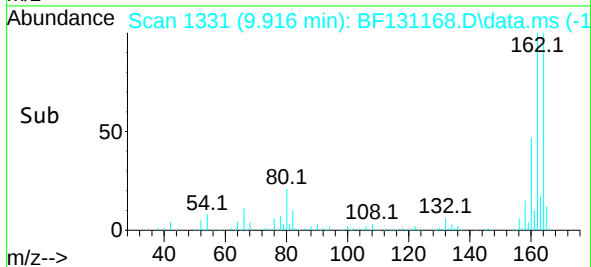
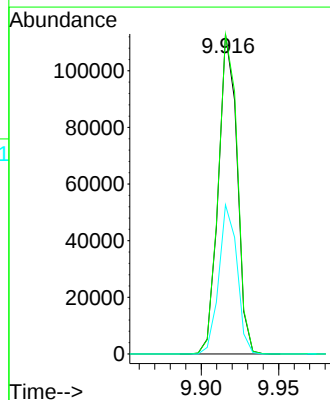
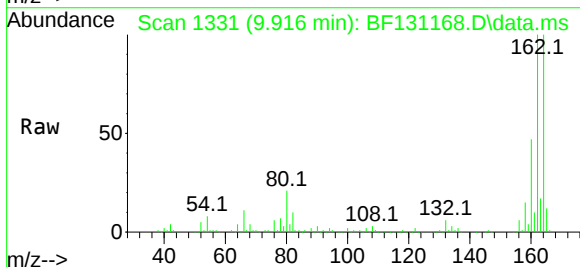
Tgt Ion:164 Resp: 94863

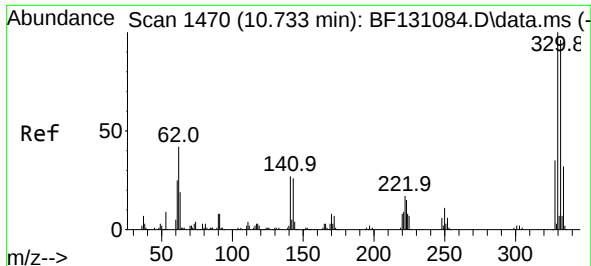
Ion Ratio Lower Upper

164 100

162 99.8 81.7 122.5

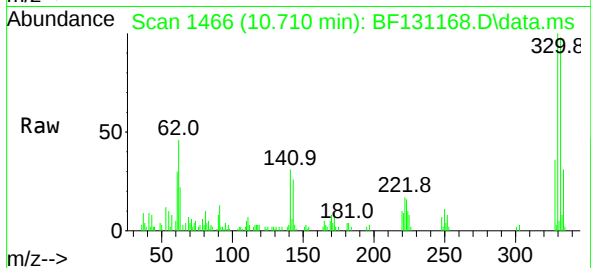
160 46.6 37.4 56.2





#42
2,4,6-Tribromophenol
Concen: 10.654 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

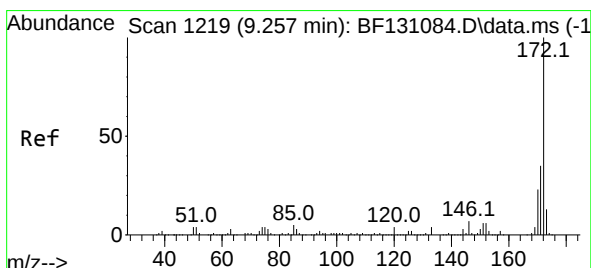
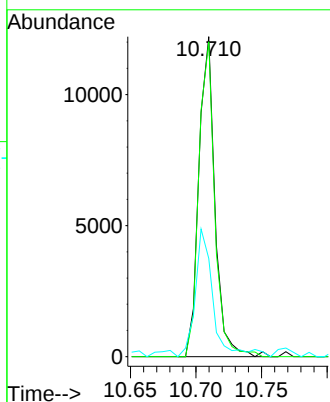
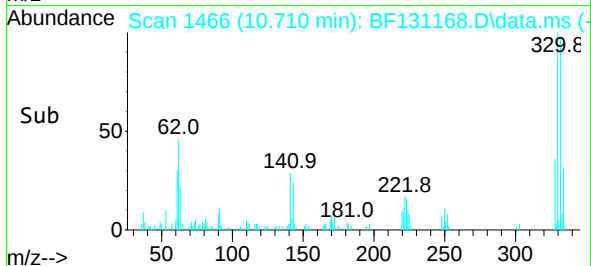
Instrument :
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ClientSampleId :
RM-5



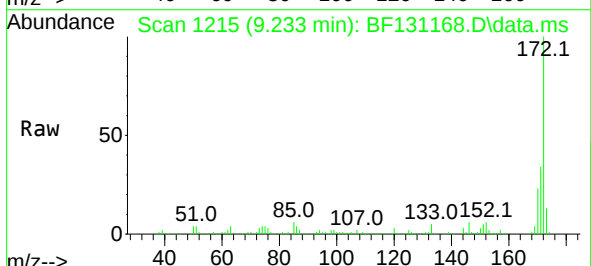
Tgt Ion: 330 Resp: 10445
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 43.8 28.5 42.7

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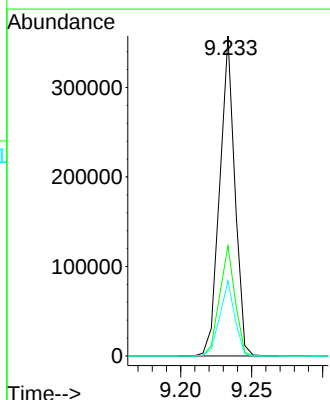
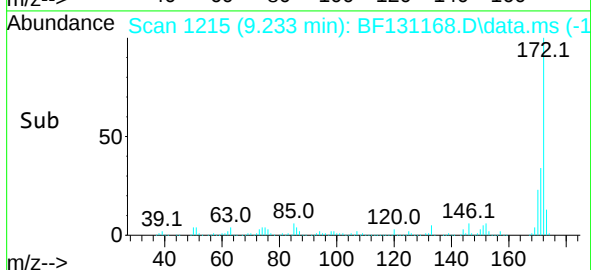
Reviewed By : Christian Giraldo 11/12/2022
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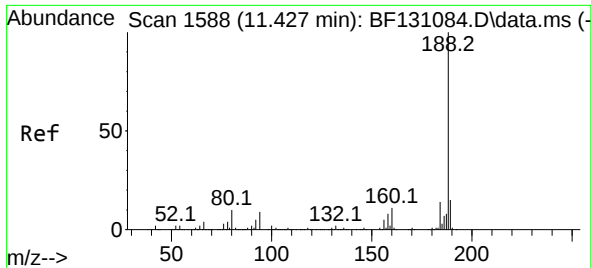


#45
2-Fluorobiphenyl
Concen: 38.872 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12



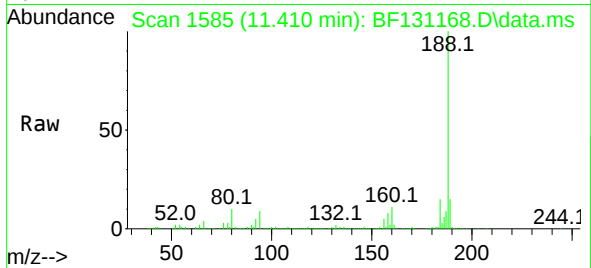
Tgt Ion: 172 Resp: 264153
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

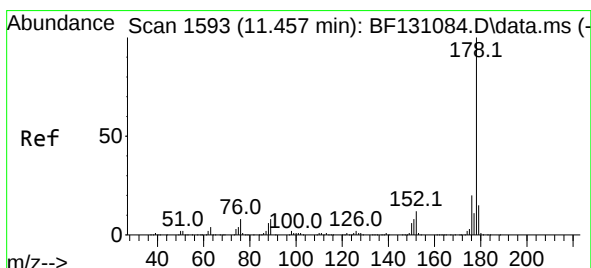
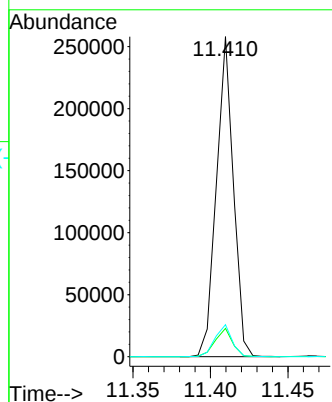
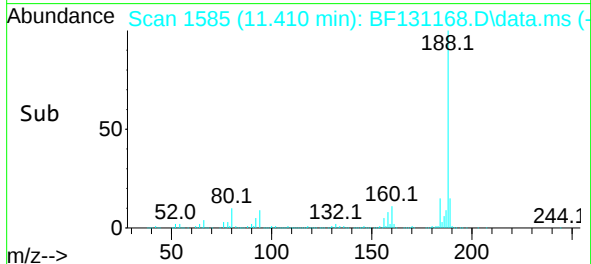
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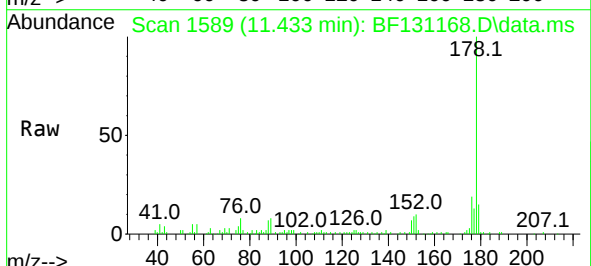
Tgt Ion:188 Resp: 19668
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.0 7.9 11.9

Manual Integrations
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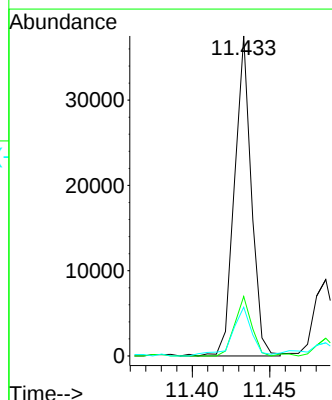
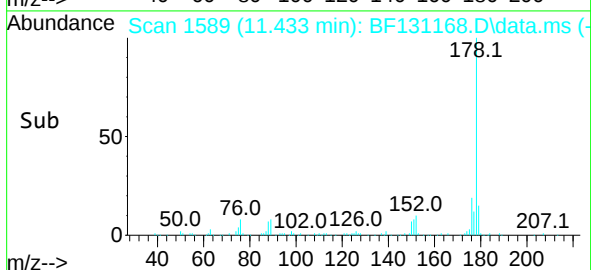
Reviewed By :Christian Giraldo 11/12/2022
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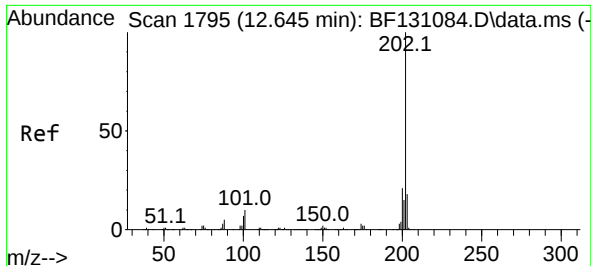


#71
Phenanthrene
Concen: 2.621 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12



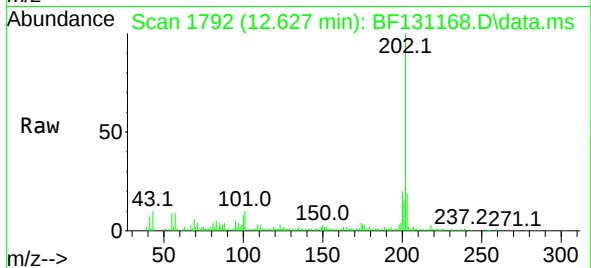
Tgt Ion:178 Resp: 28357
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 15.3 12.2 18.2





#75
Fluoranthene
Concen: 3.221 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

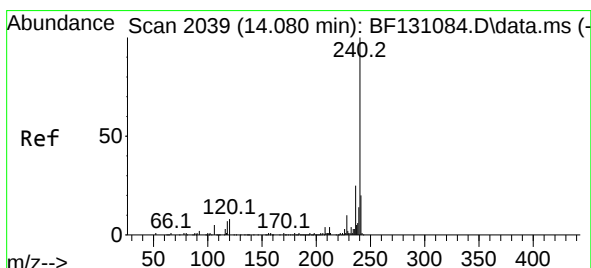
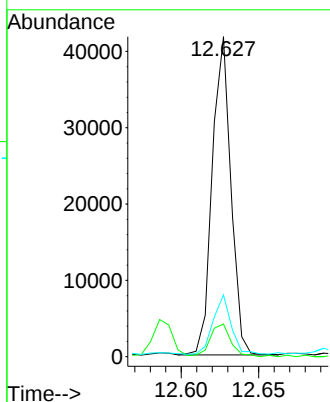
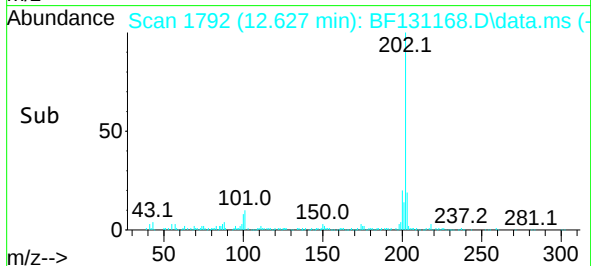
Instrument :
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RM-5



Tgt Ion:202 Resp: 34870
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.0
203 19.3 0.0 37.7

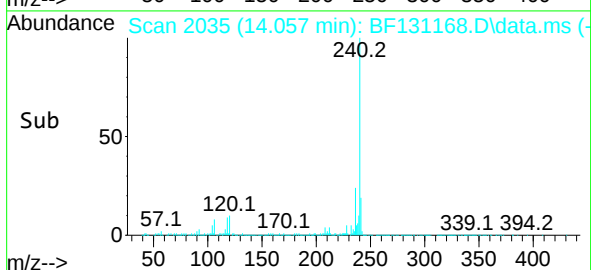
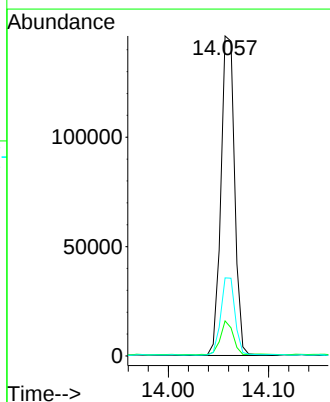
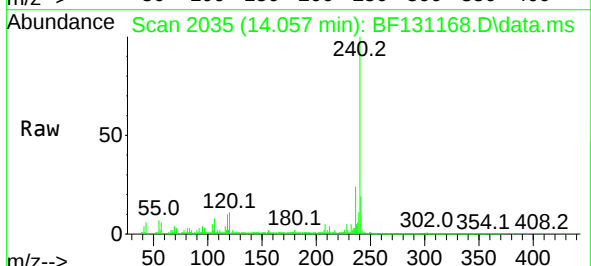
Manual Integrations
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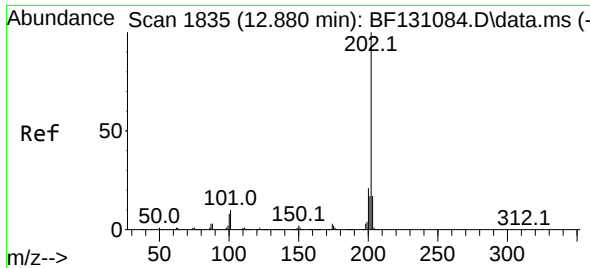
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

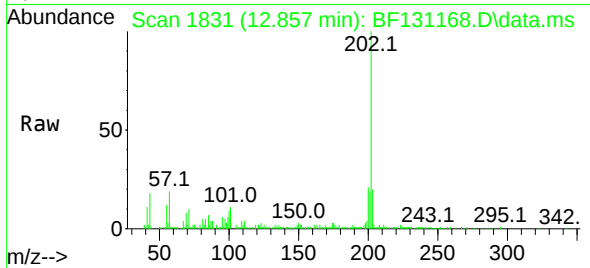
Tgt Ion:240 Resp: 138419
Ion Ratio Lower Upper
240 100
120 10.9 6.5 9.7#
236 24.4 19.7 29.5





#78
Pyrene
Concen: 3.134 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

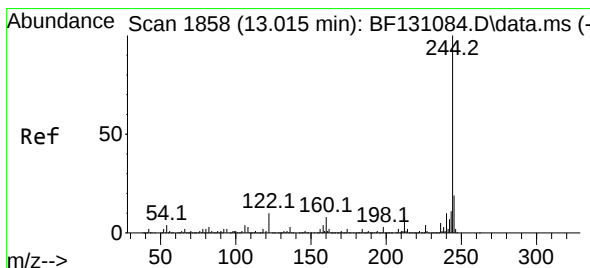
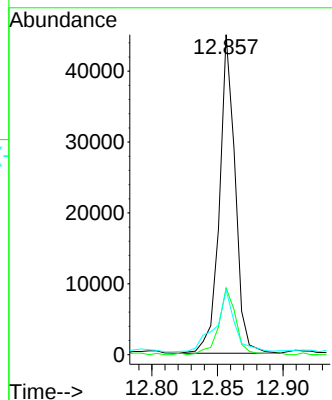
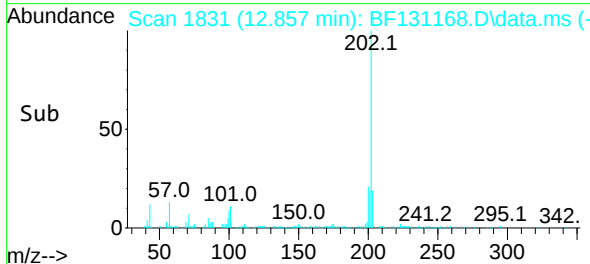
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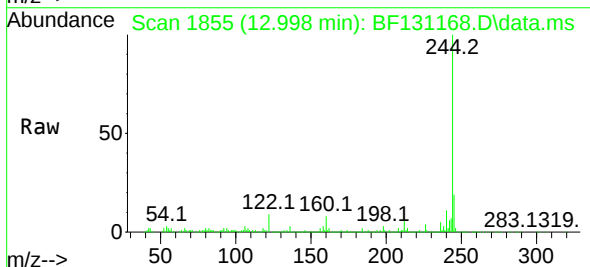
Tgt Ion:202 Resp: 3722
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 20.2 13.6 20.4

Manual Integrations
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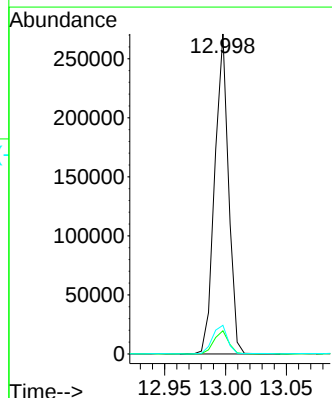
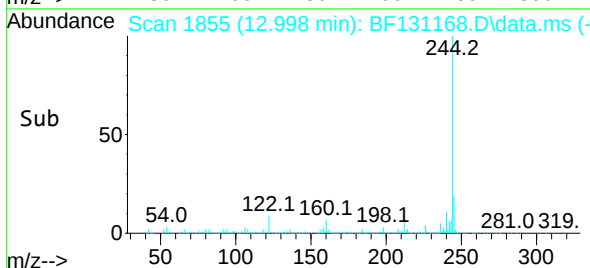
Reviewed By :Christian Giraldo 11/12/2022
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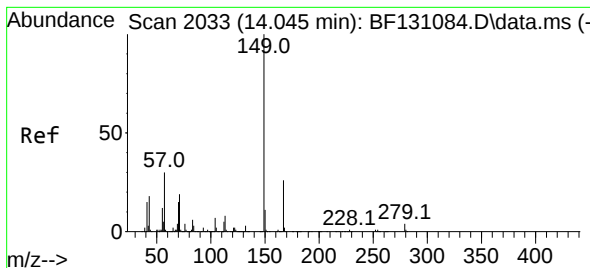


#79
Terphenyl-d14
Concen: 27.022 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12



Tgt Ion:244 Resp: 213331
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 9.0 7.8 11.8





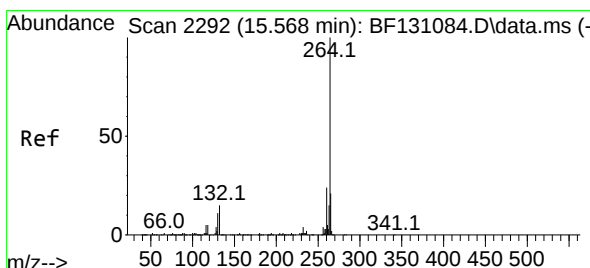
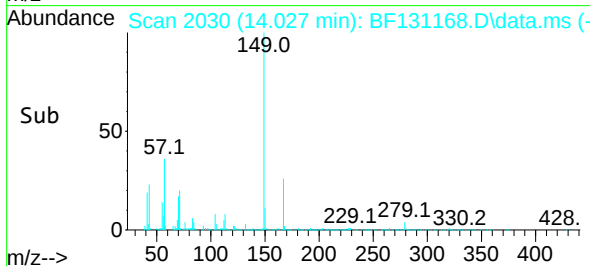
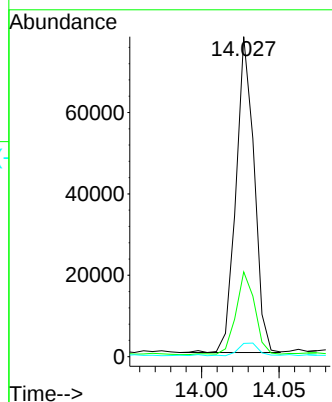
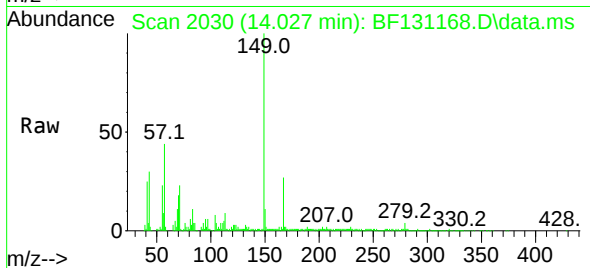
#84
Bis(2-ethylhexyl)phthalate
Concen: 13.796 ng
RT: 14.027 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

Instrument :
BNA_F
ClientSampleId :
RM-5

Tgt Ion:149 Resp: 6332
Ion Ratio Lower Upper
149 100
167 26.5 20.8 31.2
279 4.1 3.4 5.0

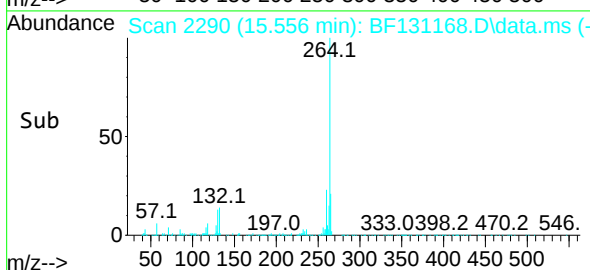
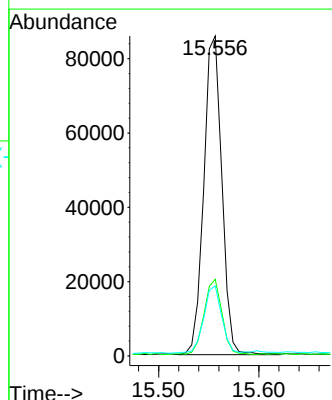
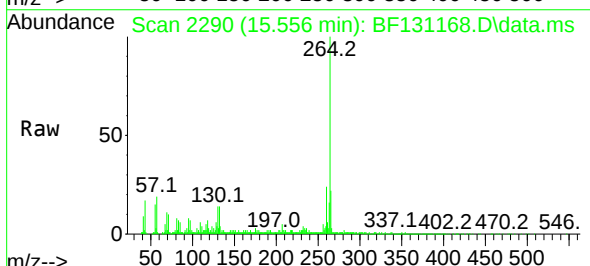
Manual Integrations
APPROVED

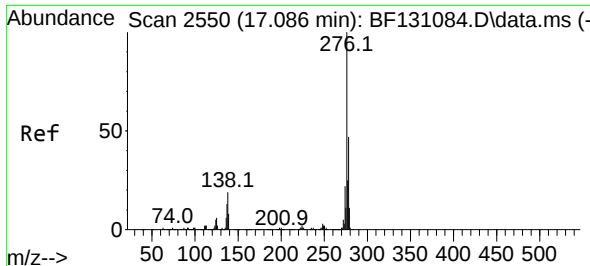
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.012 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

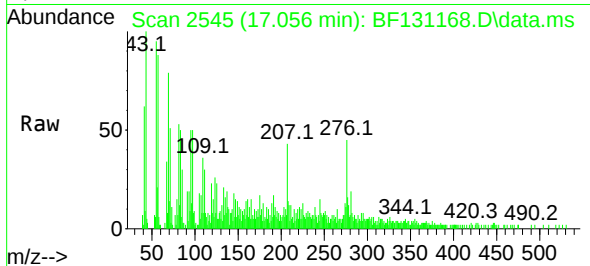
Tgt Ion:264 Resp: 107602
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.728 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12

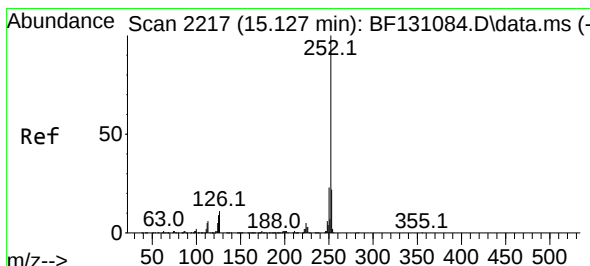
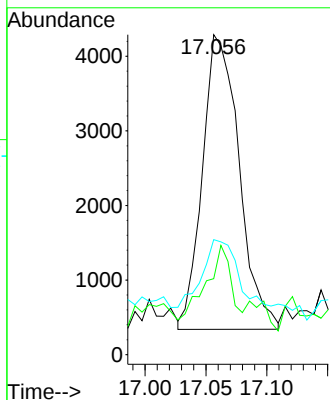
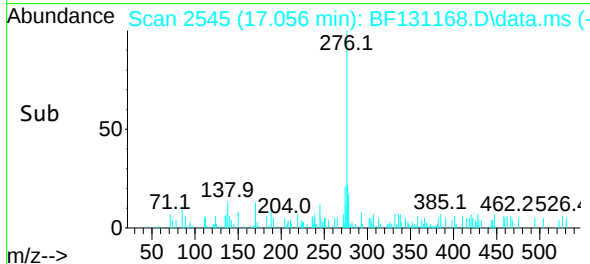
Instrument :
BNA_F
ClientSampleId :
RM-5



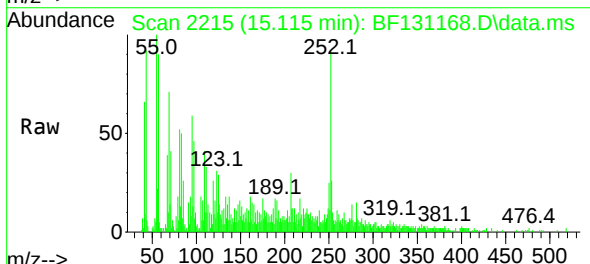
Tgt Ion:276 Resp: 826
Ion Ratio Lower Upper
276 100
138 16.5 16.9 25.3#
277 34.9 20.3 30.5#

Manual Integrations
APPROVED

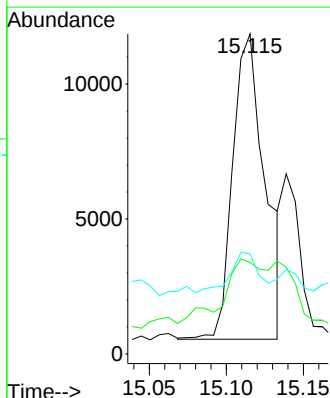
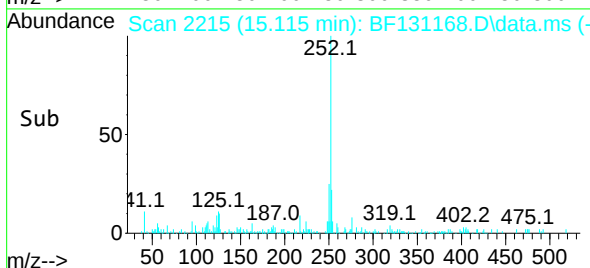
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

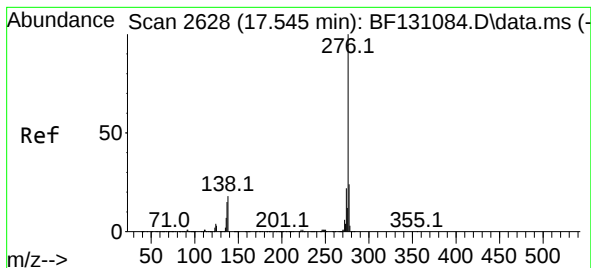


#88
Benzo(b)fluoranthene
Concen: 2.161 ng m
RT: 15.115 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF131168.D
Acq: 11 Nov 2022 23:12



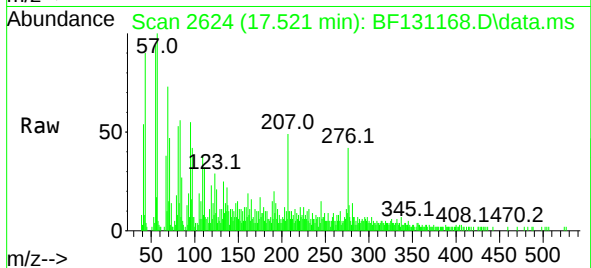
Tgt Ion:252 Resp: 16438
Ion Ratio Lower Upper
252 100
253 28.6 17.3 25.9#
125 31.3 7.2 10.8#





#92
 Benzo(g,h,i)perylene
 Concen: 5.268 ng
 RT: 17.521 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF131168.D
 Acq: 11 Nov 2022 23:12

Instrument :
 BNA_F
 ClientSampleId :
 RM-5



Tgt Ion:	276	Resp:	750
Ion Ratio	Lower	Upper	
276	100		
277	32.2	19.0	28.4
138	32.3	14.6	21.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/12/2022
 Supervised By :Jagrut Upadhyay 11/12/2022

