

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131169.D
 Acq On : 11 Nov 2022 23:46
 Operator : CG\JU
 Sample : N5556-06 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RM-6

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 00:38:57 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	61238	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	212897	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	95225	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	187180	20.000	ng	0.00
76) Chrysene-d12	14.063	240	111217	20.000	ng	0.00
86) Perylene-d12	15.557	264	106258	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	58013	16.111	ng	0.00
7) Phenol-d6	6.498	99	148193	31.478	ng	0.00
23) Nitrobenzene-d5	7.434	82	105730	22.407	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	3071	3.121	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	188260	27.598	ng	0.00
79) Terphenyl-d14	12.998	244	230742	36.376	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	37709	3.663	ng	99
75) Fluoranthene	12.627	202	52653	5.110	ng	99
78) Pyrene	12.857	202	52191	5.470	ng	98
81) Benzo(a)anthracene	14.051	228	16564	2.084	ng	# 89
83) Chrysene	14.086	228	17205	2.292	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.027	149	14800	4.013	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.068	276	8238	4.736	ng	# 92
88) Benzo(b)fluoranthene	15.116	252	19007m	2.530	ng	
90) Benzo(a)pyrene	15.492	252	13515	2.244	ng	# 71
92) Benzo(g,h,i)perylene	17.527	276	8744	5.430	ng	# 76

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

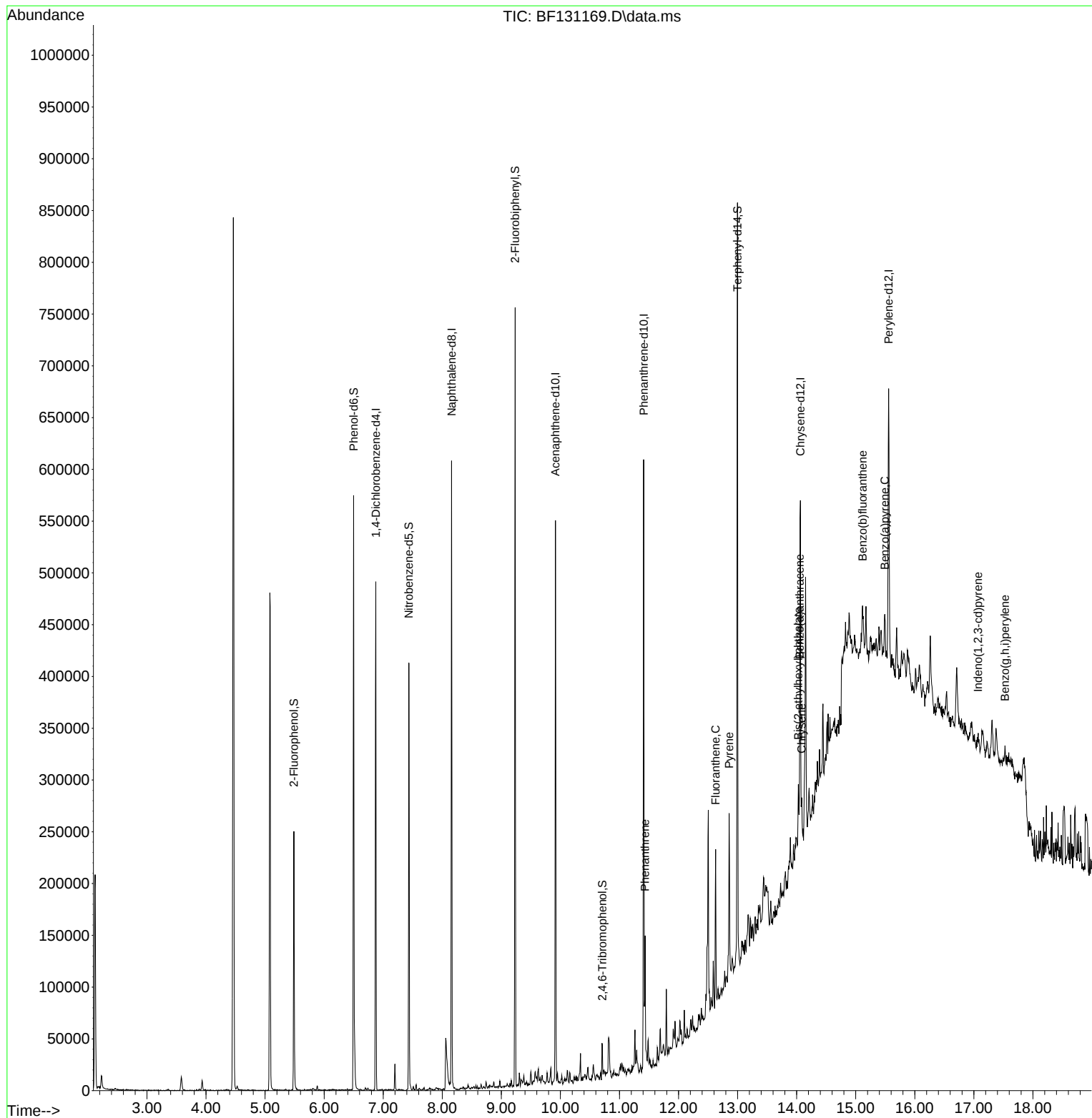
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131169.D
Acq On : 11 Nov 2022 23:46
Operator : CG\JU
Sample : N5556-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

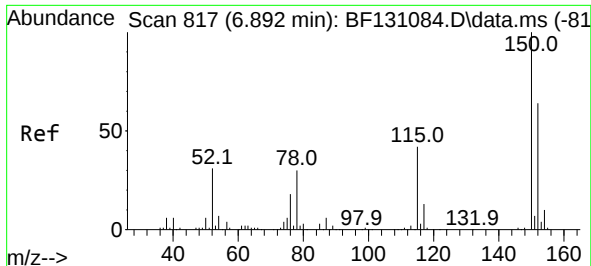
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
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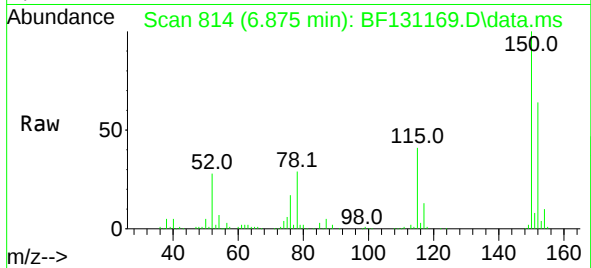
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

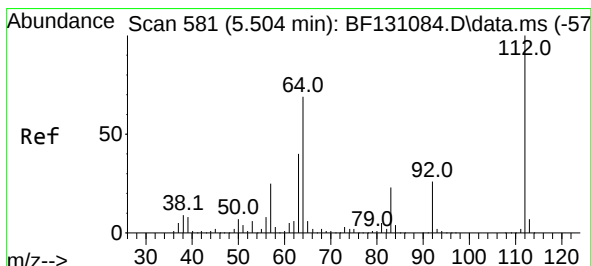
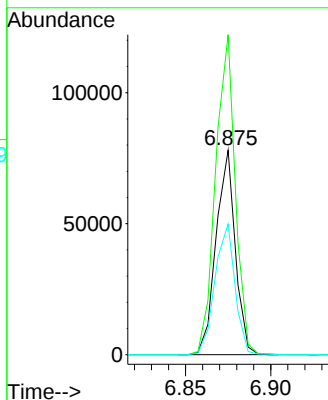
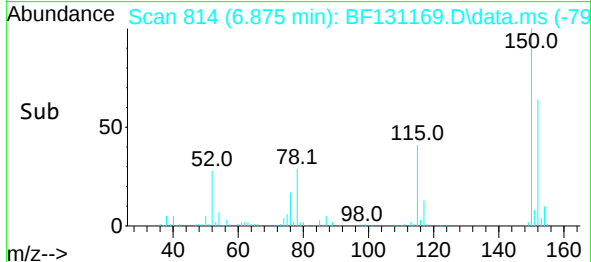
Instrument :
BNA_F
ClientSampleId :
RM-6



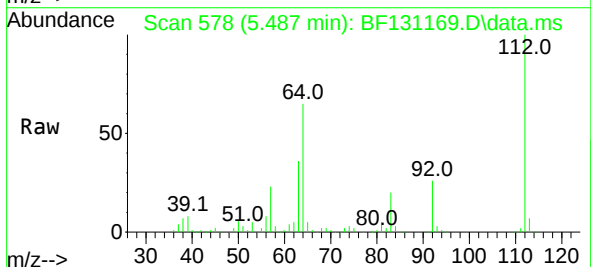
Tgt Ion:152 Resp: 61238
Ion Ratio Lower Upper
152 100
150 156.5 125.5 188.3
115 63.9 52.2 78.2

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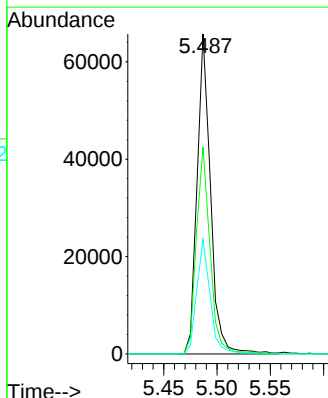
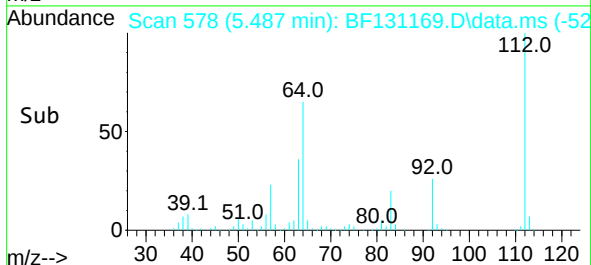
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

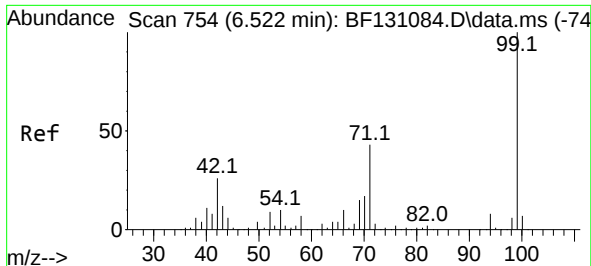


#5
2-Fluorophenol
Concen: 16.111 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46



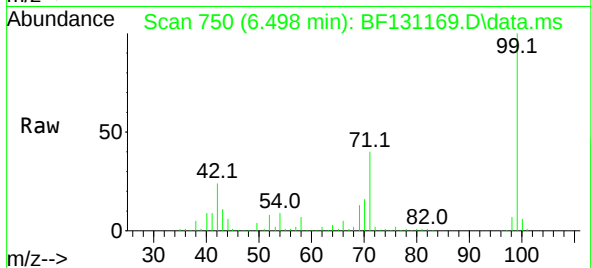
Tgt Ion:112 Resp: 58013
Ion Ratio Lower Upper
112 100
64 64.7 55.1 82.7
63 35.8 32.4 48.6





#7
Phenol-d6
Concen: 31.478 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

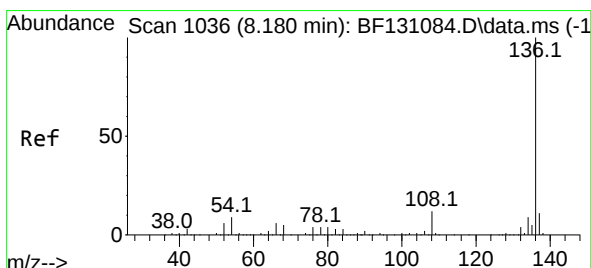
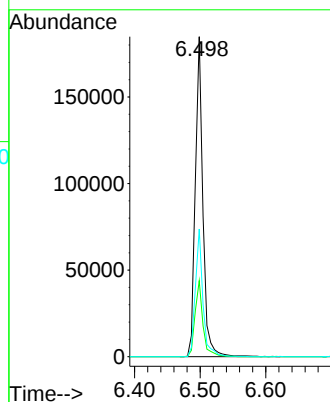
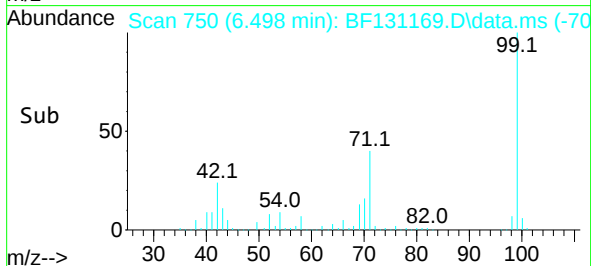
Instrument :
BNA_F
ClientSampleId :
RM-6



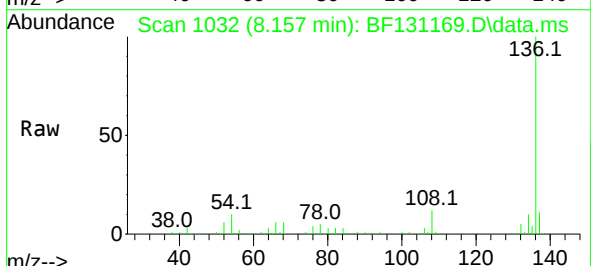
Tgt Ion: 99 Resp: 14819
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 39.9 34.2 51.4

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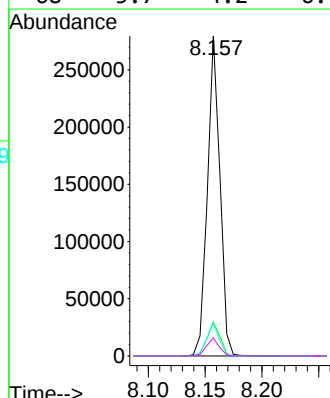
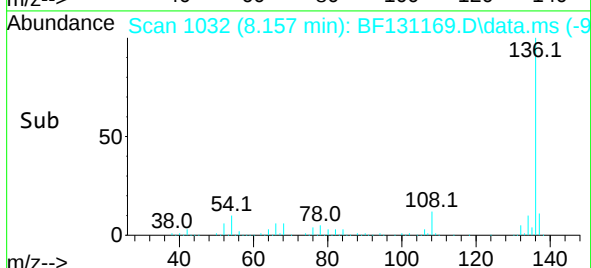
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

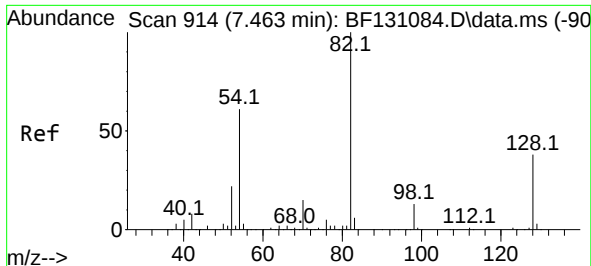


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46



Tgt Ion:136 Resp: 212897
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.2 7.2 10.8
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 22.407 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Instrument :

BNA_F

ClientSampleId :

RM-6

Tgt Ion: 82 Resp: 105730

Ion Ratio Lower Upper

82 100

128 37.8 30.5 45.7

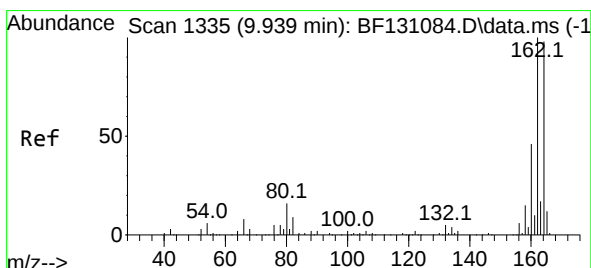
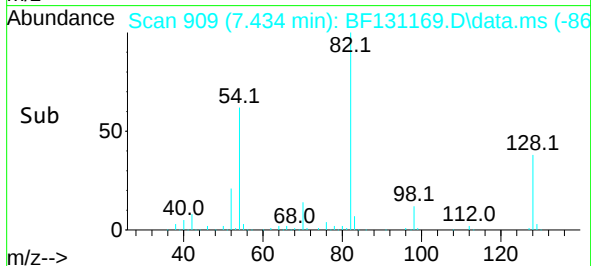
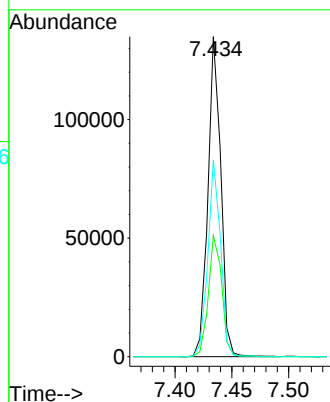
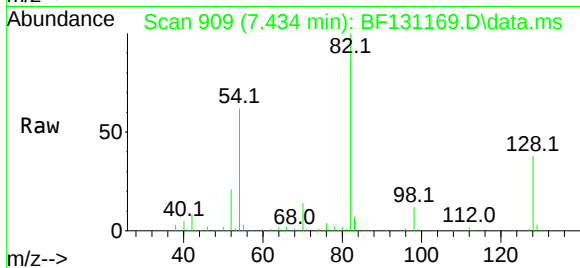
54 61.5 49.1 73.7

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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: BF131169.D

Acq: 11 Nov 2022 23:46

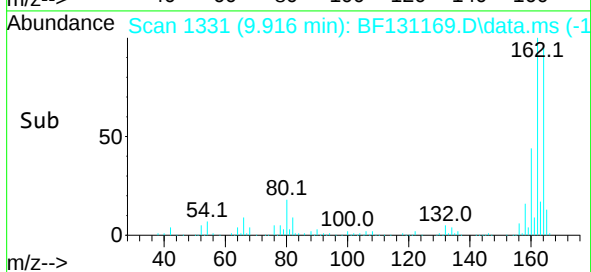
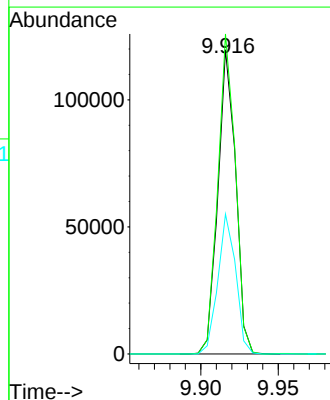
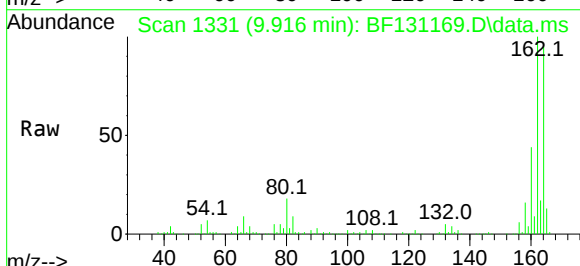
Tgt Ion:164 Resp: 95225

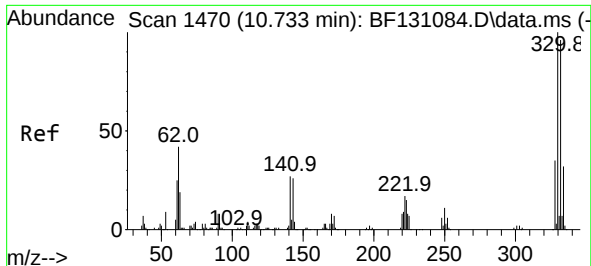
Ion Ratio Lower Upper

164 100

162 105.2 81.7 122.5

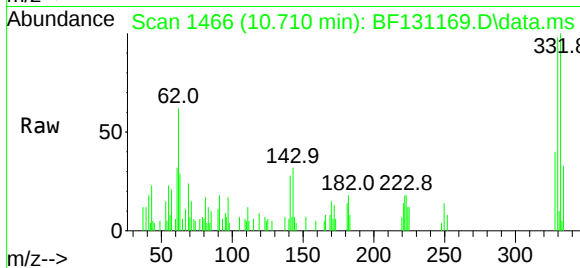
160 46.0 37.4 56.2





#42
2,4,6-Tribromophenol
Concen: 3.121 ng
RT: 10.710 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

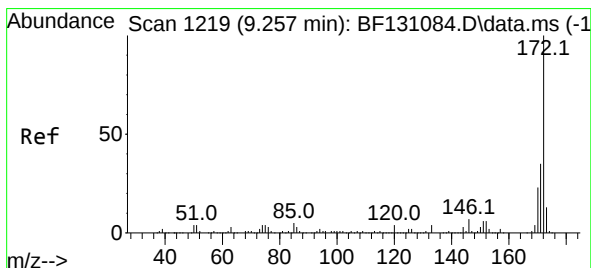
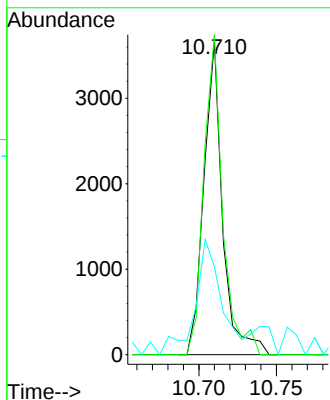
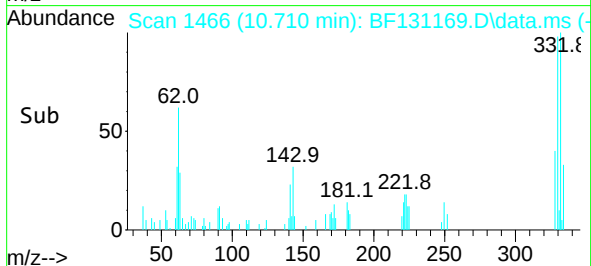
Instrument :
BNA_F
ClientSampleId :
RM-6



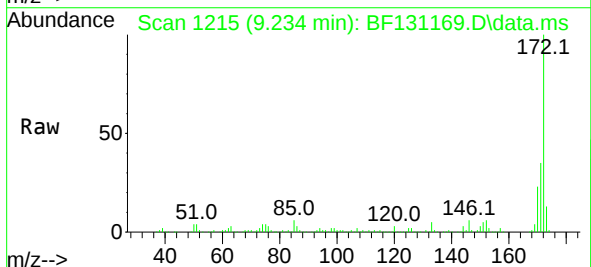
Tgt Ion: 330 Resp: 307
Ion Ratio Lower Upper
330 100
332 103.4 77.0 115.4
141 53.2 28.5 42.7

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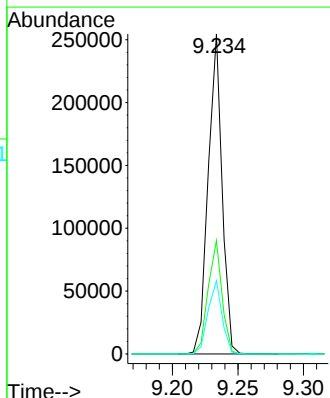
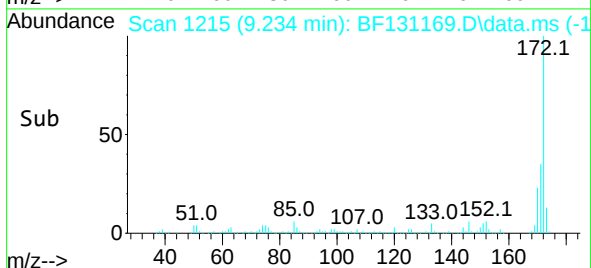
Reviewed By : Christian Giraldo 11/12/2022
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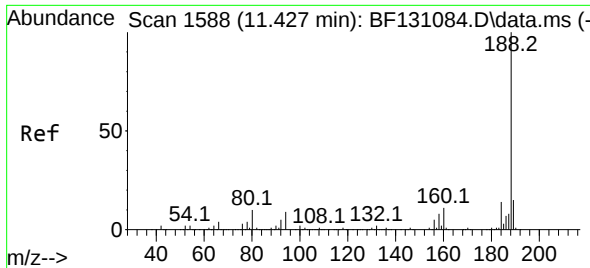


#45
2-Fluorobiphenyl
Concen: 27.598 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46



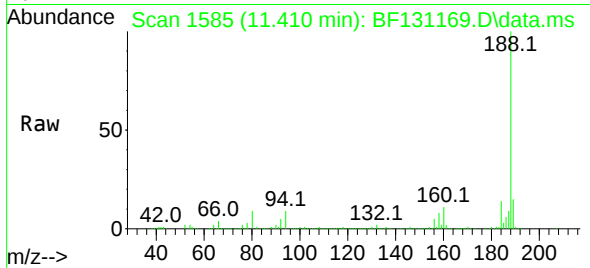
Tgt Ion: 172 Resp: 188260
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 22.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

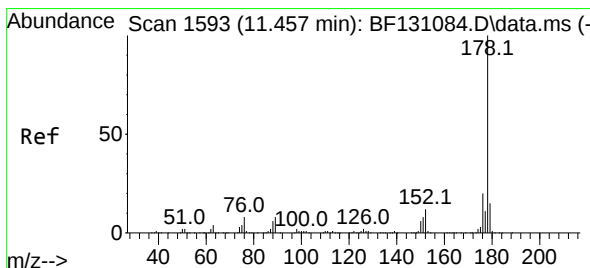
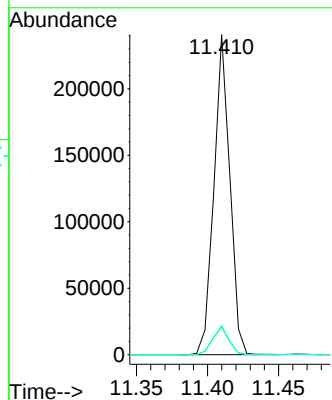
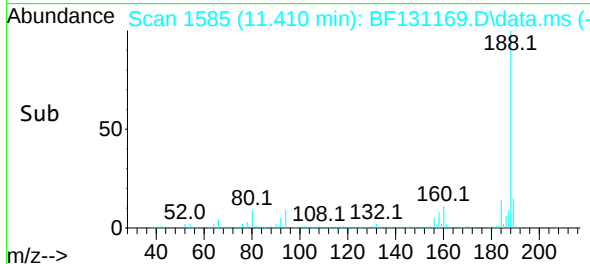
Instrument :
BNA_F
ClientSampleId :
RM-6



Tgt Ion:188 Resp: 187180
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.0 7.9 11.9

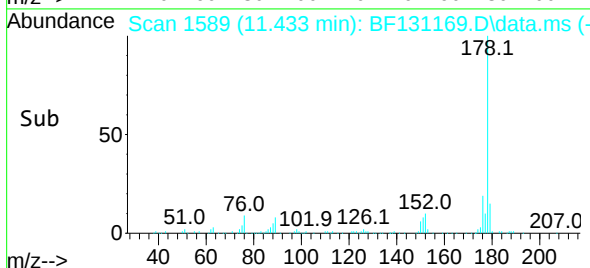
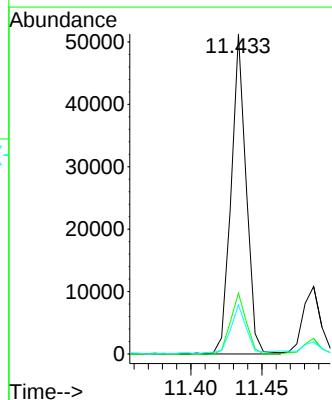
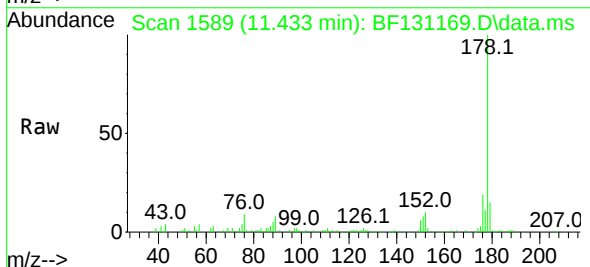
Manual Integrations
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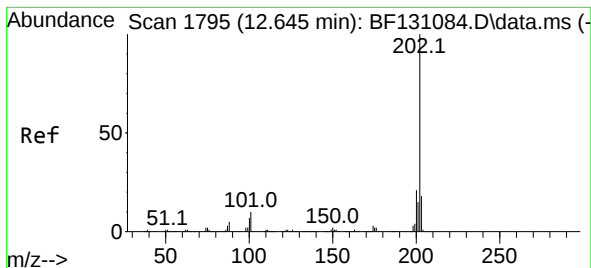
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#71
Phenanthrene
Concen: 3.663 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

Tgt Ion:178 Resp: 37709
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.4 12.2 18.2





#75

Fluoranthene

Concen: 5.110 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Instrument :

BNA_F

ClientSampleId :

RM-6

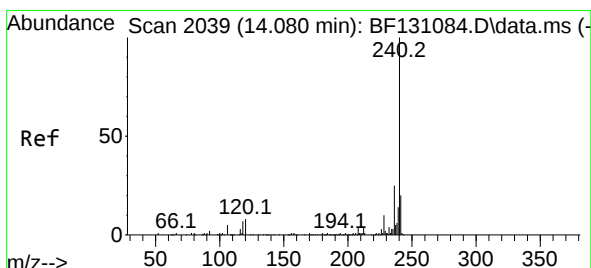
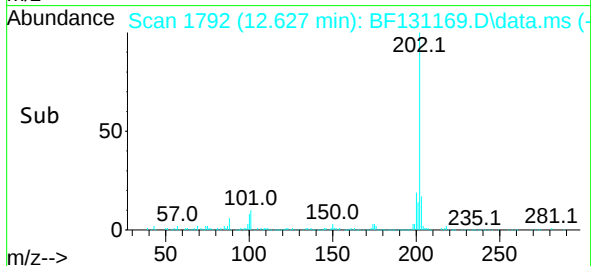
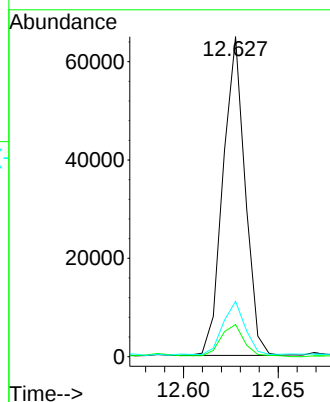
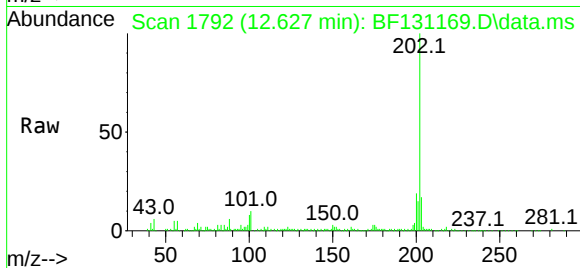
Tgt Ion:	202	Resp:	5265
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.0
203	17.3	0.0	37.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/12/2022



#76

Chrysene-d12

Concen: 20.000 ng

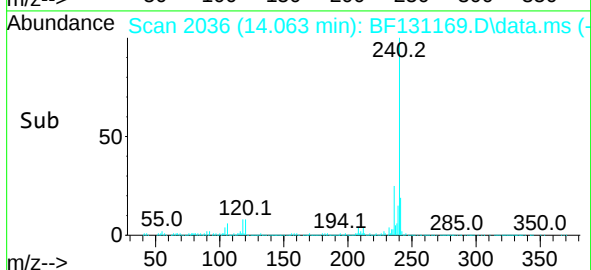
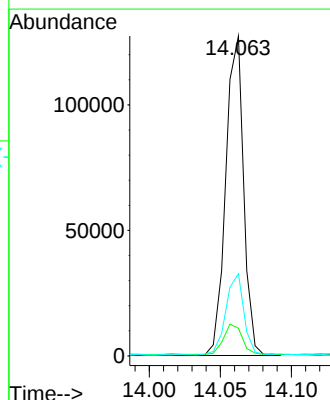
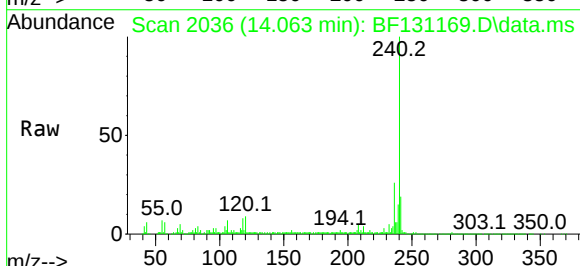
RT: 14.063 min Scan# 2036

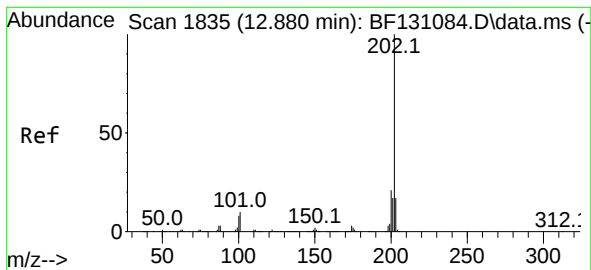
Delta R.T. 0.006 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Tgt Ion:	240	Resp:	111217
Ion Ratio	Lower	Upper	
240	100		
120	8.7	6.5	9.7
236	25.7	19.7	29.5





#78

Pyrene

Concen: 5.470 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Instrument :

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RM-6

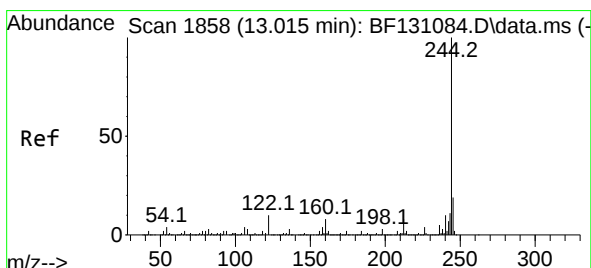
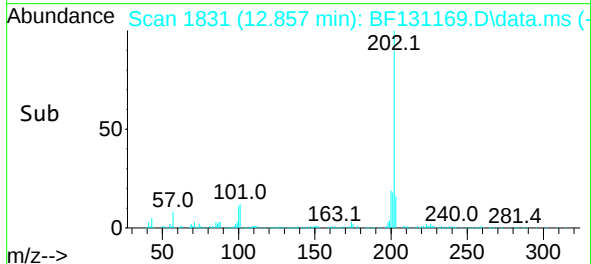
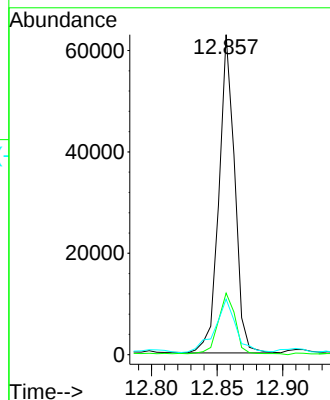
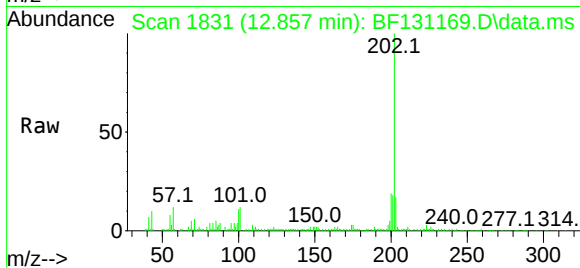
Tgt Ion:	202	Resp:	5219
Ion Ratio	Lower	Upper	
202	100		
200	19.3	16.8	25.2
203	17.4	13.6	20.4

Manual Integrations

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#79

Terphenyl-d14

Concen: 36.376 ng

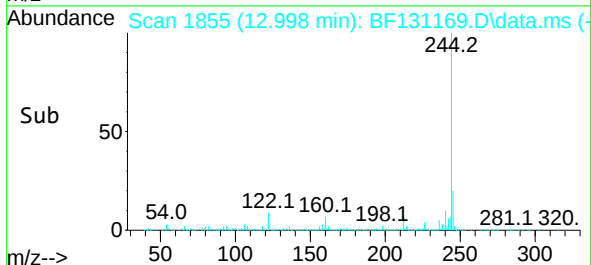
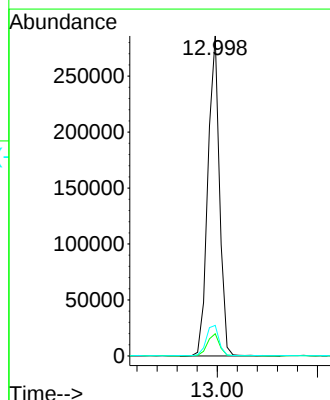
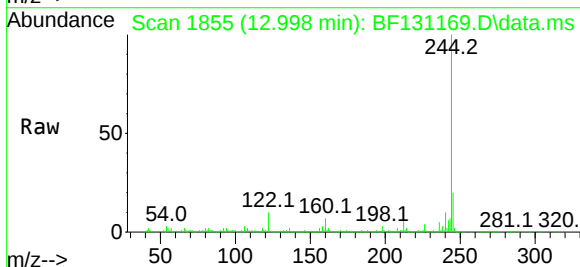
RT: 12.998 min Scan# 1855

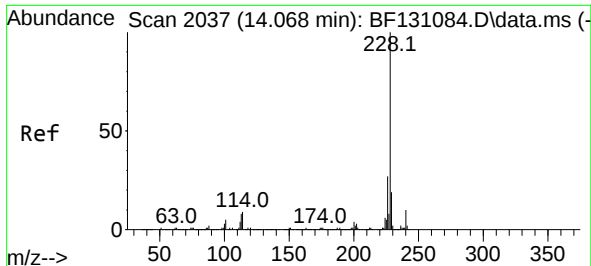
Delta R.T. 0.000 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Tgt Ion:	244	Resp:	230742
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.2	9.2
122	9.6	7.8	11.8





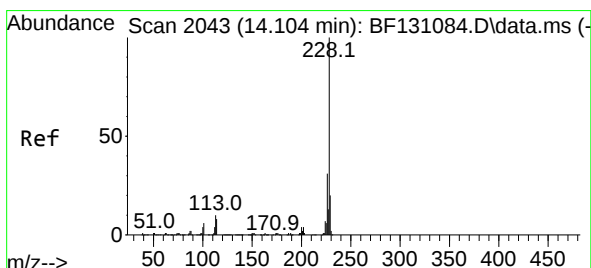
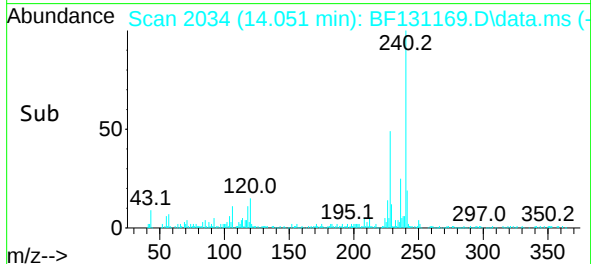
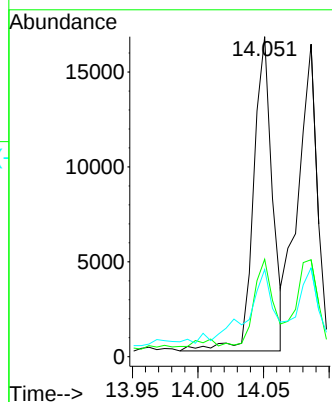
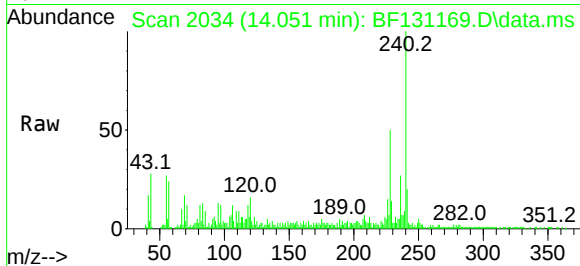
#81
Benzo(a)anthracene
Concen: 2.084 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

Instrument :
BNA_F
ClientSampleId :
RM-6

Tgt Ion:228 Resp: 1656
Ion Ratio Lower Upper
228 100
226 30.5 21.8 32.6
229 27.3 15.4 23.2

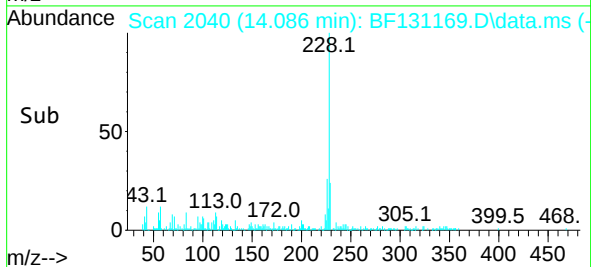
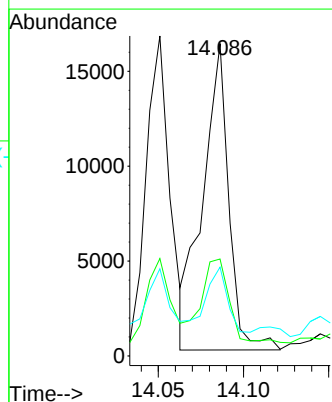
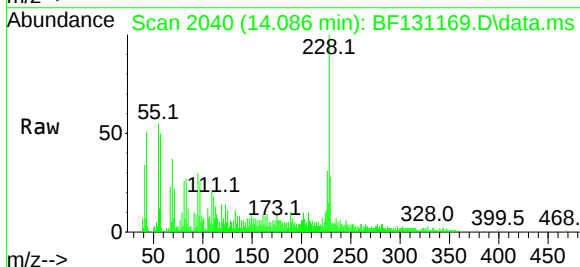
Manual Integrations
APPROVED

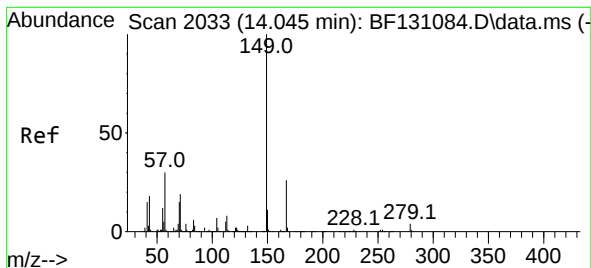
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#83
Chrysene
Concen: 2.292 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

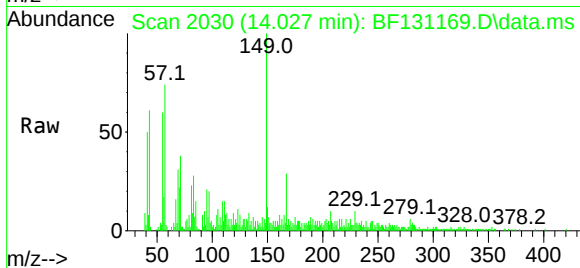
Tgt Ion:228 Resp: 17205
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 28.4 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.013 ng
RT: 14.027 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

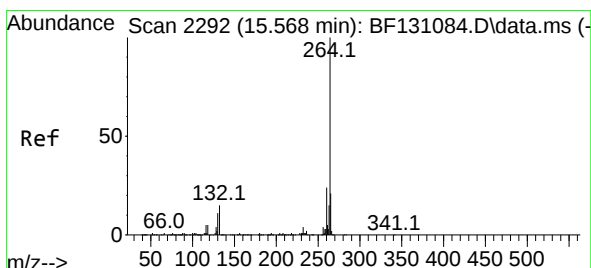
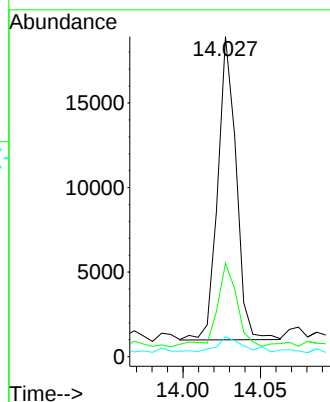
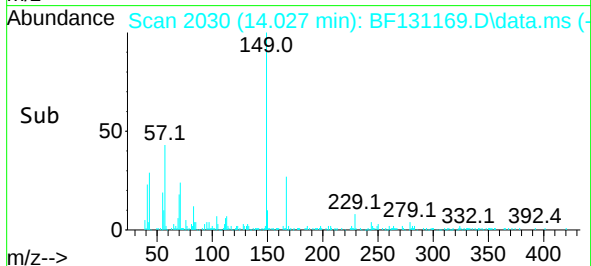
Instrument :
BNA_F
ClientSampleId :
RM-6



Tgt Ion:149 Resp: 14800
Ion Ratio Lower Upper
149 100
167 29.2 20.8 31.2
279 6.2 3.4 5.0

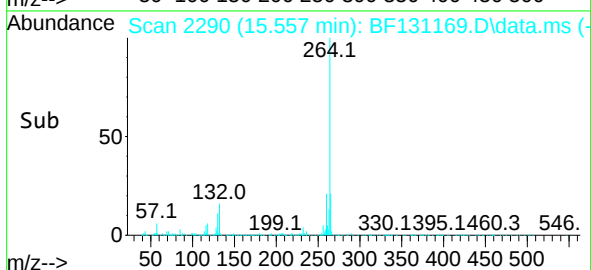
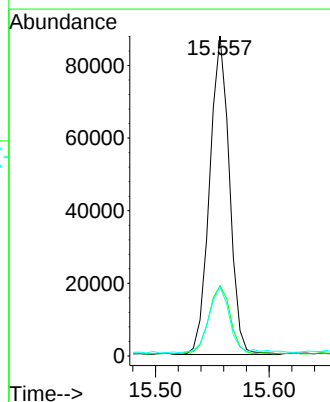
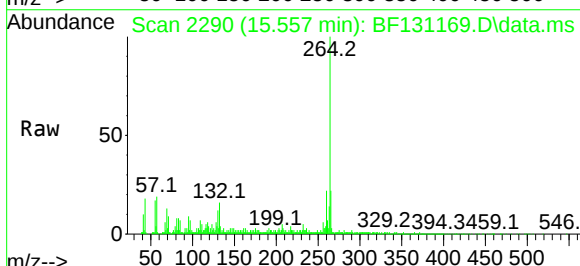
Manual Integrations
APPROVED

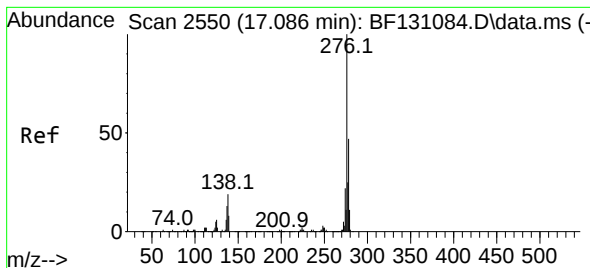
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.012 min
Lab File: BF131169.D
Acq: 11 Nov 2022 23:46

Tgt Ion:264 Resp: 106258
Ion Ratio Lower Upper
264 100
260 21.9 19.1 28.7
265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.736 ng

RT: 17.068 min Scan# 2115

Delta R.T. 0.012 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Instrument :

BNA_F

ClientSampleId :

RM-6

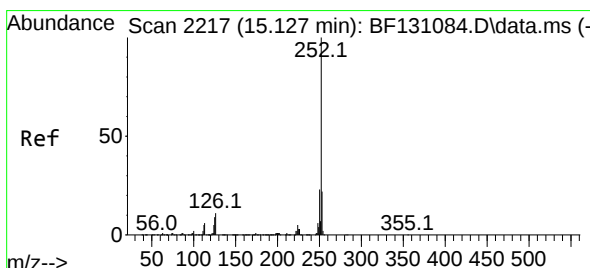
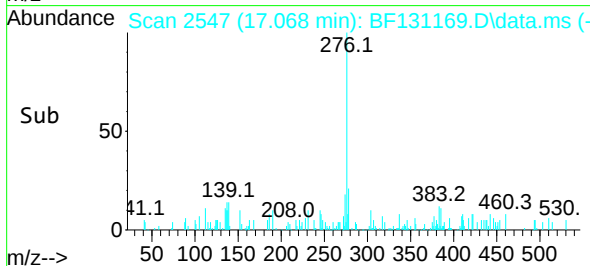
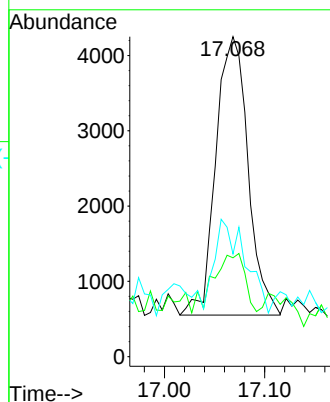
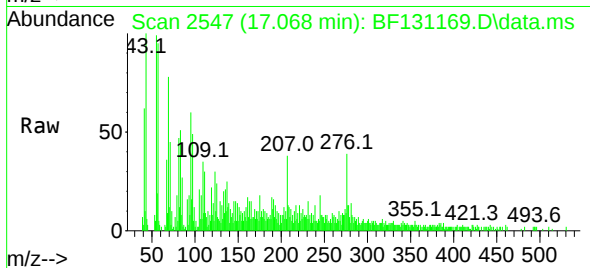
Tgt Ion:	276	Resp:	8238
Ion Ratio	Lower	Upper	
276	100		
138	22.0	16.9	25.3
277	32.2	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#88

Benzo(b)fluoranthene

Concen: 2.530 ng m

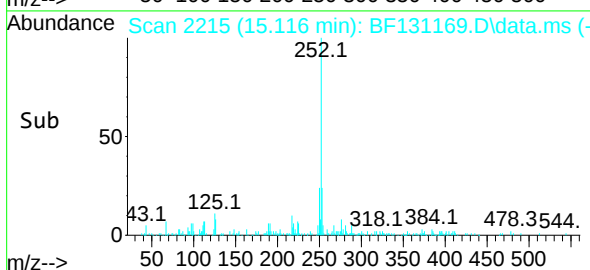
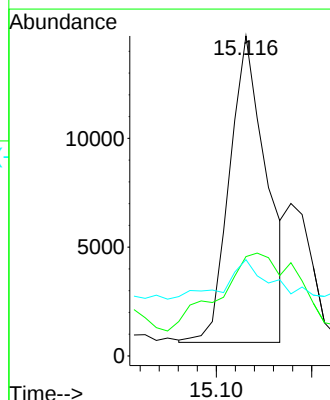
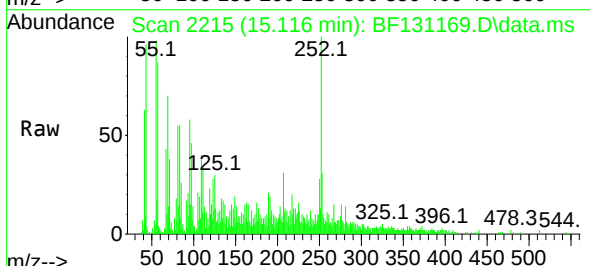
RT: 15.116 min Scan# 2215

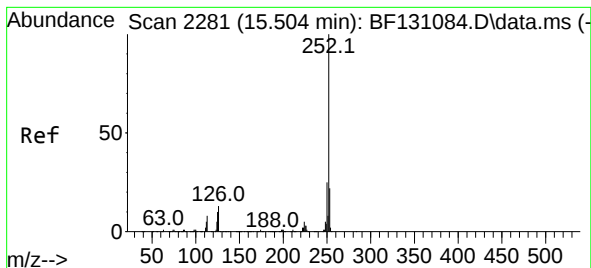
Delta R.T. 0.012 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Tgt Ion:	252	Resp:	19007
Ion Ratio	Lower	Upper	
252	100		
253	31.0	17.3	25.9#
125	30.1	7.2	10.8#





#90

Benzo(a)pyrene

Concen: 2.244 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Instrument :

BNA_F

ClientSampleId :

RM-6

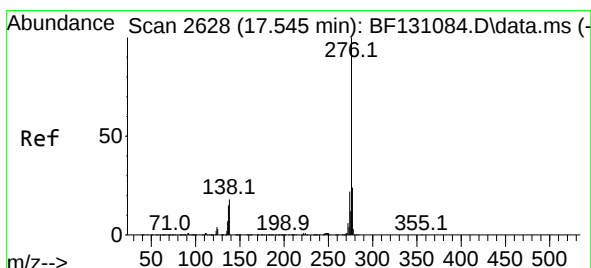
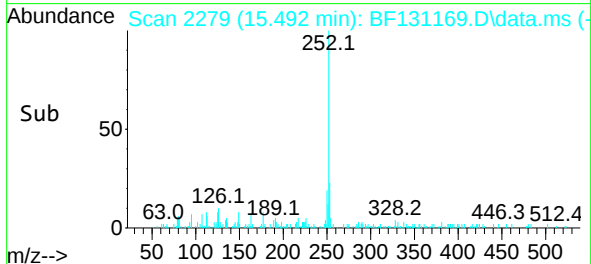
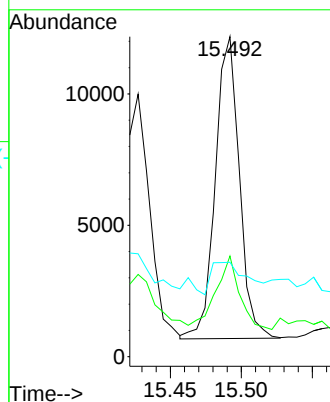
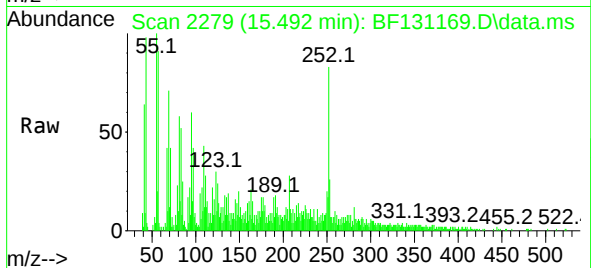
Tgt Ion:	252	Resp:	1351
Ion Ratio	Lower	Upper	
252	100		
253	31.4	17.8	26.8
125	29.5	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/12/2022

Supervised By :Jagrut Upadhyay 11/12/2022



#92

Benzo(g,h,i)perylene

Concen: 5.430 ng

RT: 17.527 min Scan# 2625

Delta R.T. 0.012 min

Lab File: BF131169.D

Acq: 11 Nov 2022 23:46

Tgt Ion:	276	Resp:	8744
Ion Ratio	Lower	Upper	
276	100		
277	38.1	19.0	28.4
138	25.6	14.6	21.8

