

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128006.D
 Acq On : 29 Apr 2022 20:36
 Operator : CG\JU
 Sample : N2606-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

Quant Time: May 02 00:58:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	95970	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	315148	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	159087	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	260635	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	172367	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	119826	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	580419	96.330	ng	0.00
7) Phenol-d6	6.551	99	726639	92.942	ng	-0.01
23) Nitrobenzene-d5	7.487	82	500524	74.685	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	145968	91.146	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	728073	77.424	ng	0.00
79) Terphenyl-d14	13.051	244	673788	71.479	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.516	166	24293m	2.446	ng	
71) Phenanthrene	11.480	178	98631	7.229	ng	99
75) Fluoranthene	12.674	202	156923	10.929	ng	99
78) Pyrene	12.910	202	142893	10.269	ng	98
81) Benzo(a)anthracene	14.104	228	67725	5.895	ng	# 91
83) Chrysene	14.139	228	69506	6.335	ng	# 96
84) Bis(2-ethylhexyl)phtha...	14.080	149	24225	3.350	ng	# 82
87) Indeno(1,2,3-cd)pyrene	17.180	276	28929	3.617	ng	97
88) Benzo(b)fluoranthene	15.180	252	70968m	9.430	ng	
89) Benzo(k)fluoranthene	15.210	252	19566m	2.580	ng	
90) Benzo(a)pyrene	15.568	252	45955	7.361	ng	# 37
92) Benzo(g,h,i)perylene	17.651	276	29259	4.328	ng	# 77

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

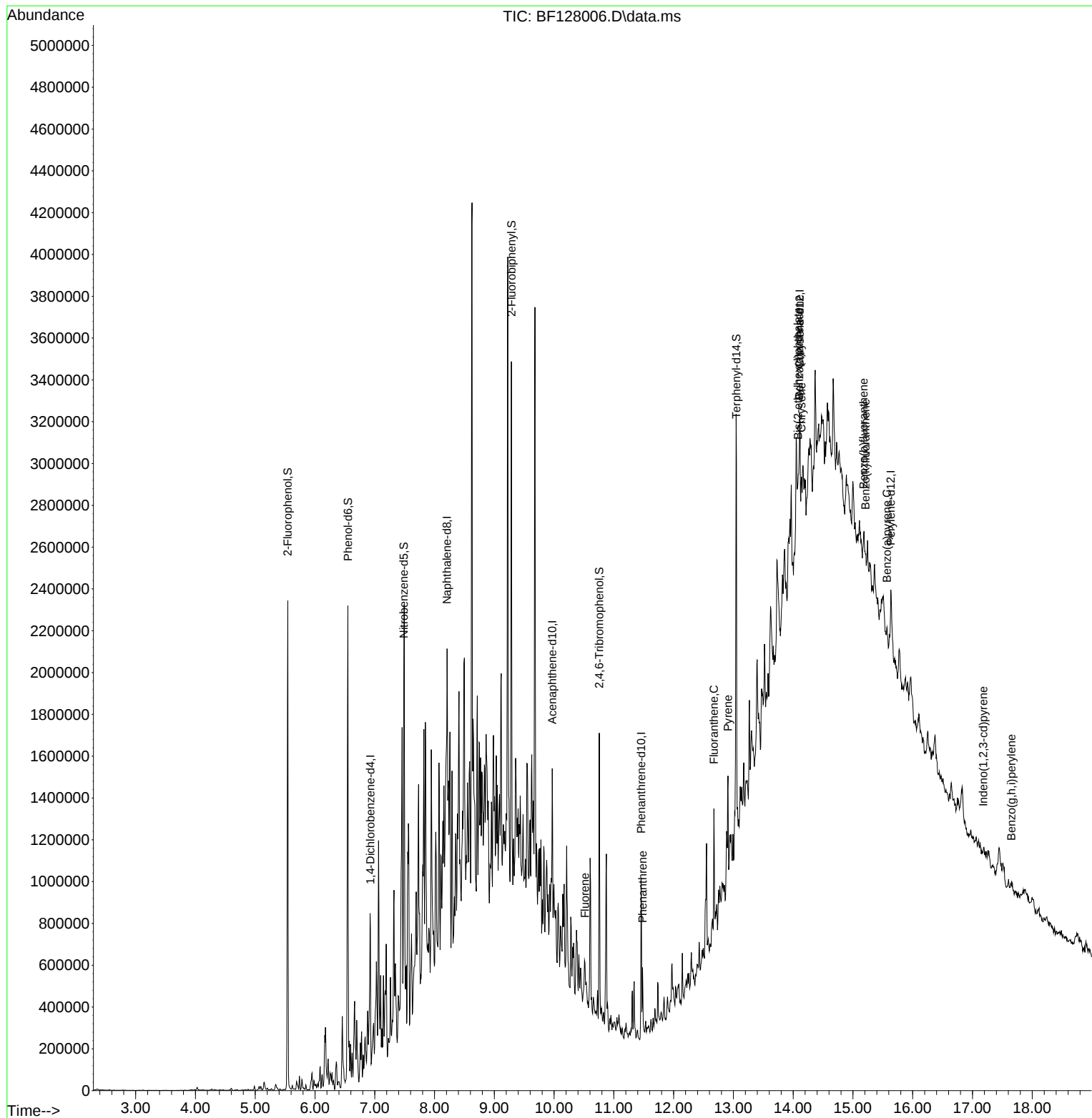
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128006.D
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Sample : N2606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

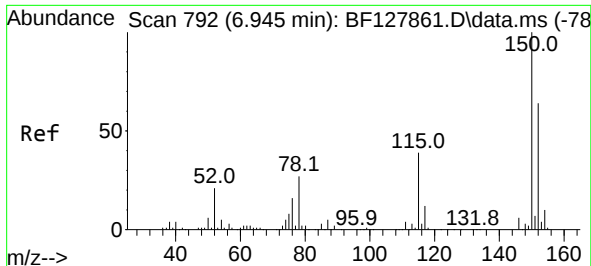
Instrument :
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WC-3

Quant Time: May 02 00:58:40 2022
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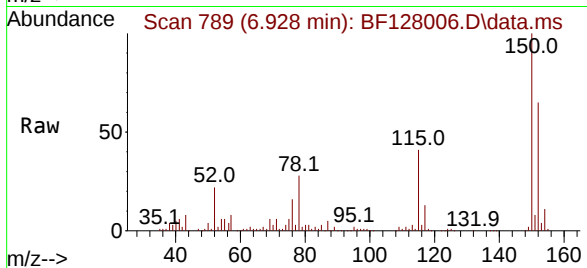
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

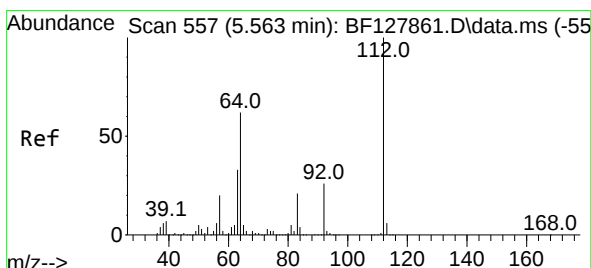
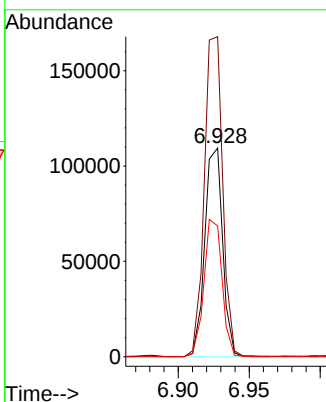
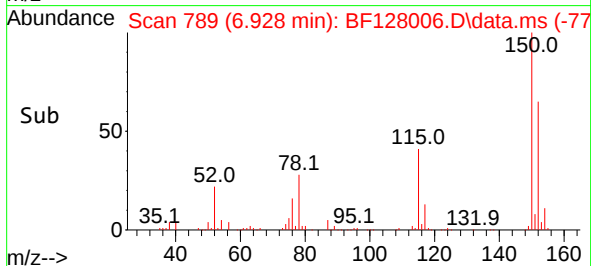
Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:152 Resp: 95970
Ion Ratio Lower Upper
152 100
150 153.4 125.3 187.9
115 62.7 48.8 73.2

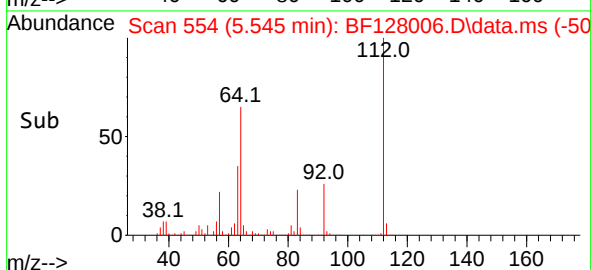
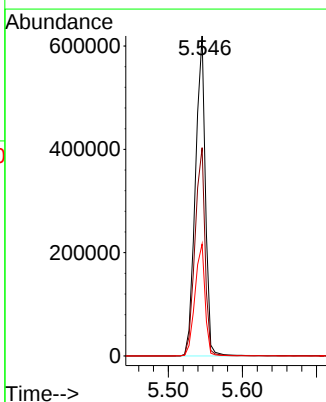
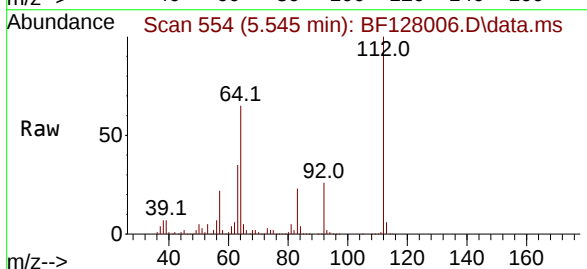
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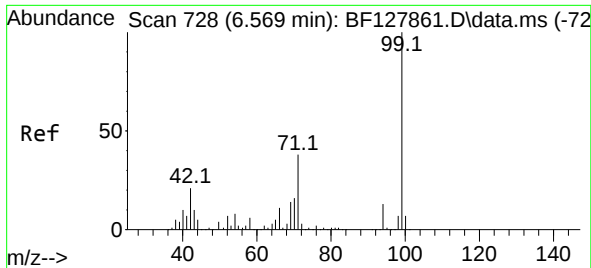
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#5
2-Fluorophenol
Concen: 96.330 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:112 Resp: 580419
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 35.0 26.3 39.5





#7

Phenol-d6

Concen: 92.942 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion: 99 Resp: 726639

Ion Ratio Lower Upper

99 100

42 21.4 16.6 24.8

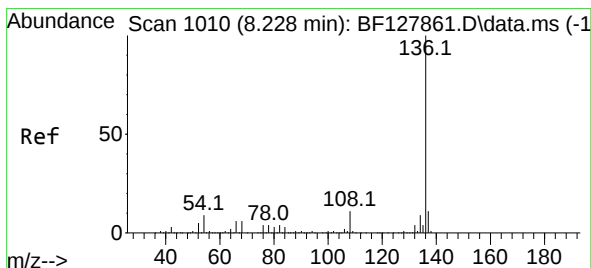
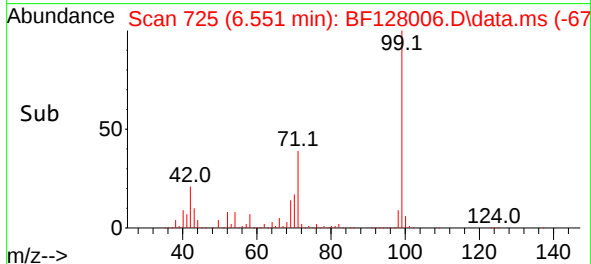
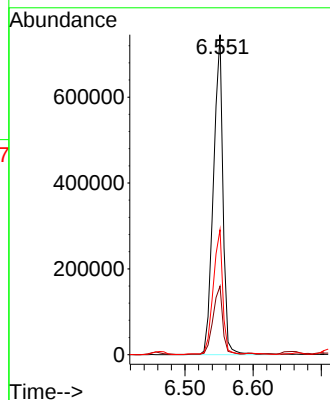
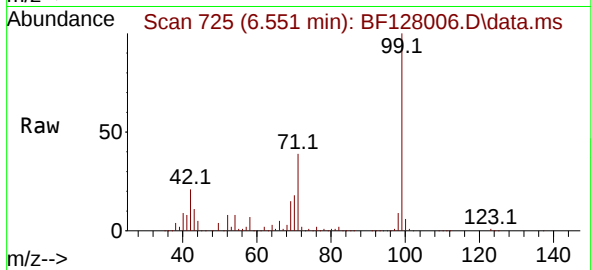
71 39.1 30.0 45.0

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Tgt Ion:136 Resp: 315148

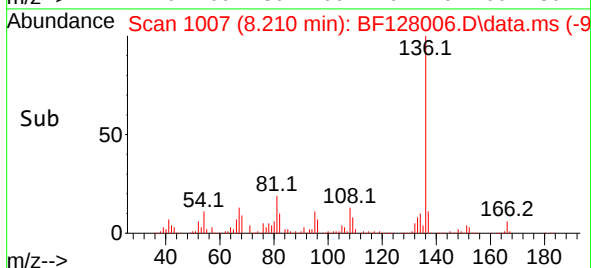
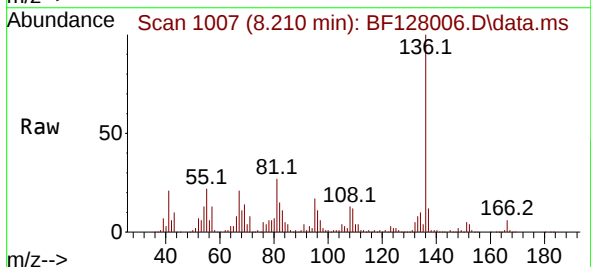
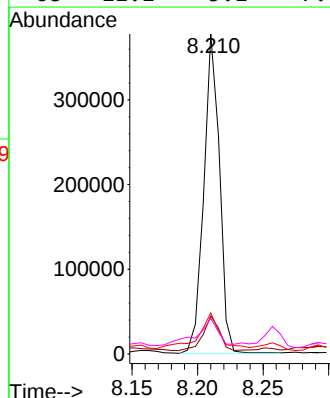
Ion Ratio Lower Upper

136 100

137 11.9 8.6 13.0

54 12.8 6.8 10.2#

68 11.1 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 74.685 ng

RT: 7.487 min Scan# 88

Delta R.T. -0.018 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion: 82 Resp: 500524

Ion Ratio Lower Upper

82 100

128 35.9 30.0 45.0

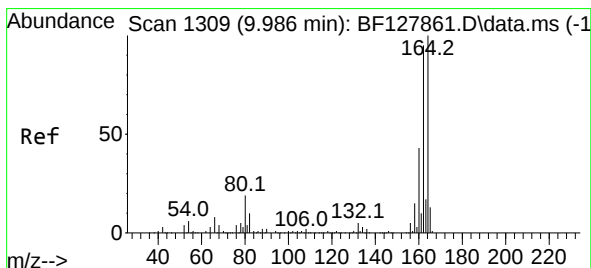
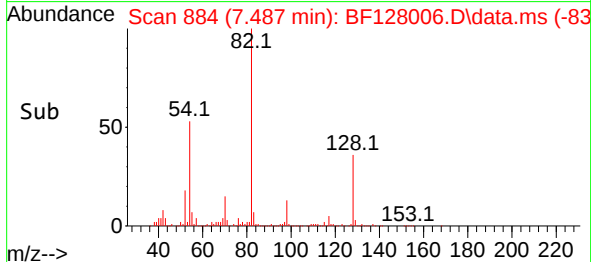
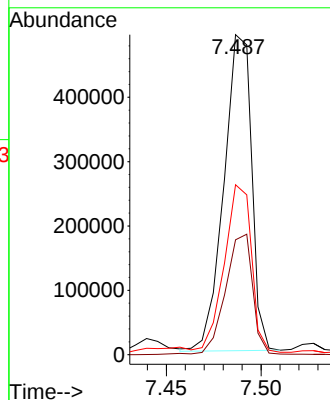
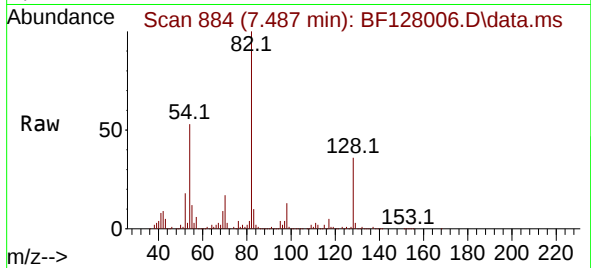
54 53.1 41.3 61.9

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

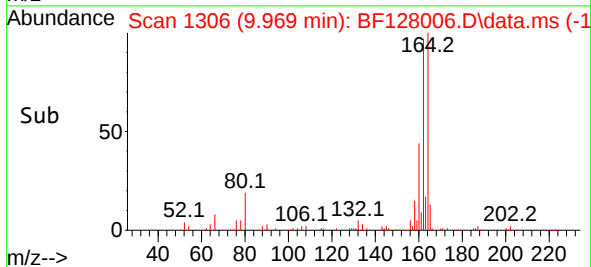
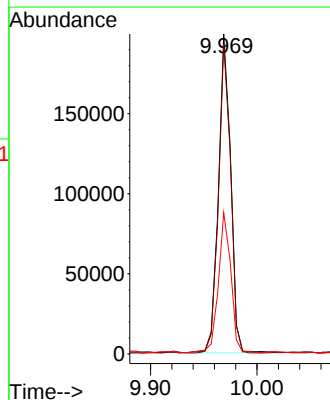
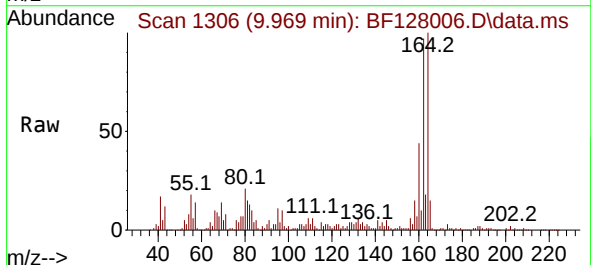
Tgt Ion:164 Resp: 159087

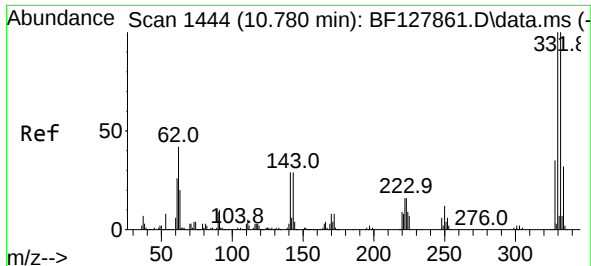
Ion Ratio Lower Upper

164 100

162 96.8 76.0 114.0

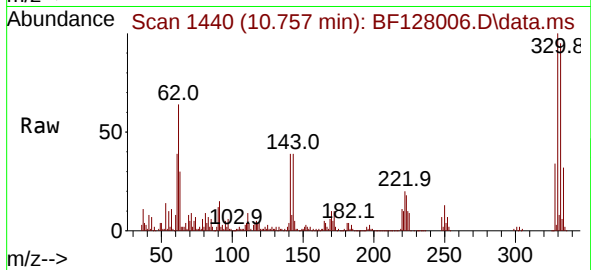
160 44.2 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 91.146 ng
RT: 10.757 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

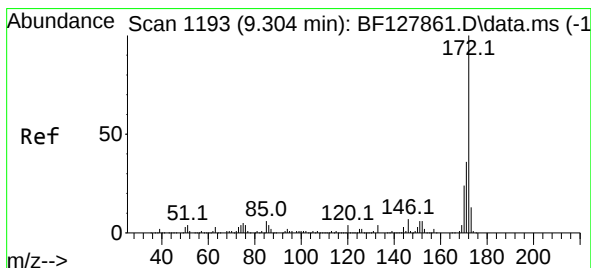
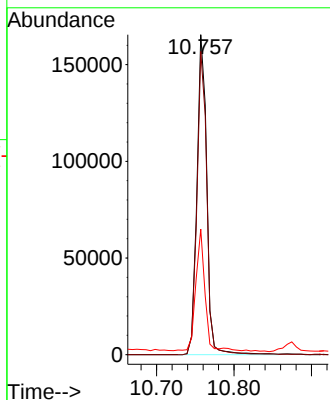
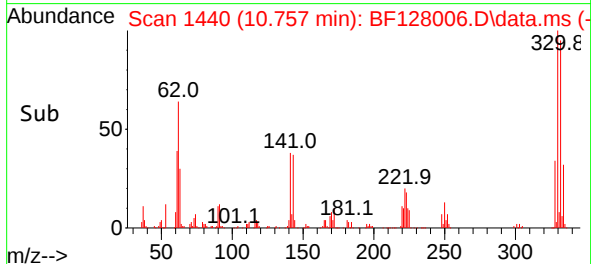
Instrument :
BNA_F
ClientSampleId :
WC-3



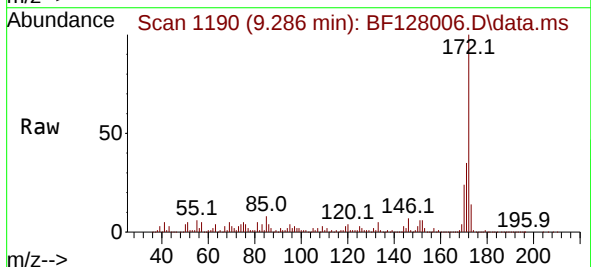
Tgt Ion: 330 Resp: 145968
Ion Ratio Lower Upper
330 100
332 95.1 79.0 118.4
141 34.0 28.9 43.3

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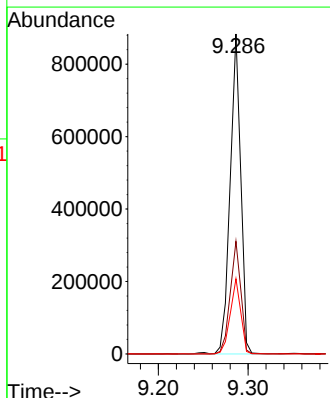
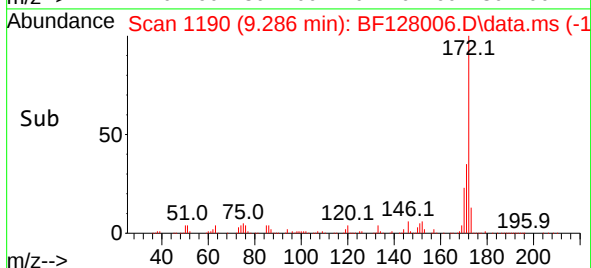
Reviewed By : Christian Giraldo 05/02/2022
Supervised By : Jagrut Upadhyay 05/02/2022

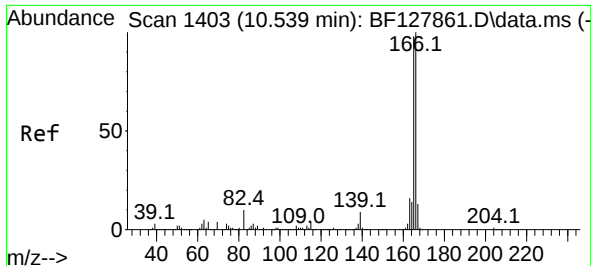


#45
2-Fluorobiphenyl
Concen: 77.424 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36



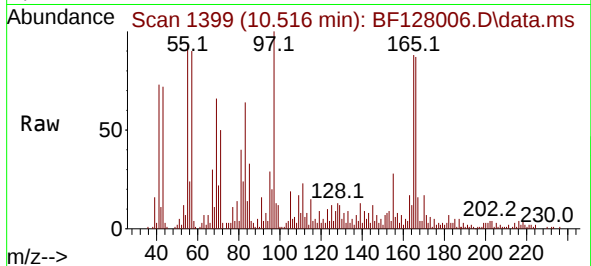
Tgt Ion: 172 Resp: 728073
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.1 28.7





#58
Fluorene
Concen: 2.446 ng m
RT: 10.516 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

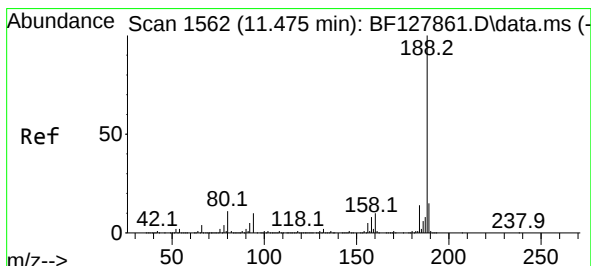
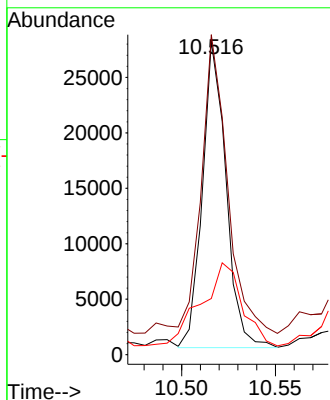
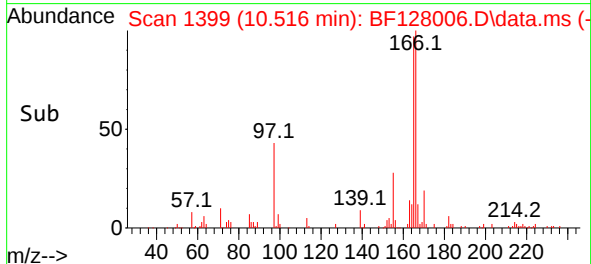
Instrument :
BNA_F
ClientSampleId :
WC-3



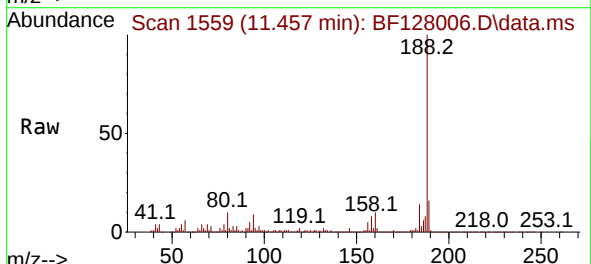
Tgt Ion:166 Resp: 2429
Ion Ratio Lower Upper
166 100
165 102.1 78.6 117.8
167 17.9 10.5 15.7

Manual Integrations
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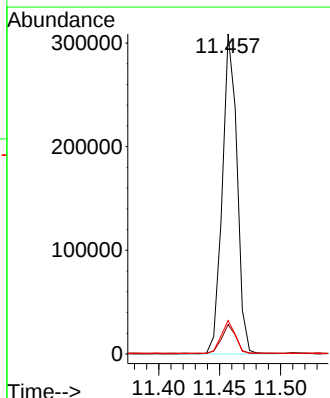
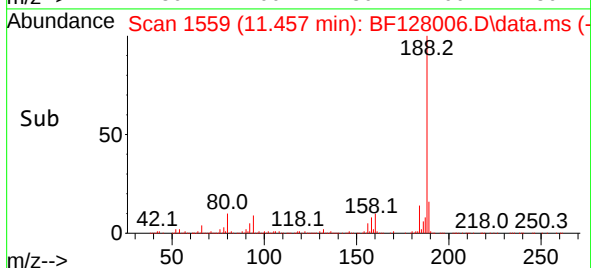
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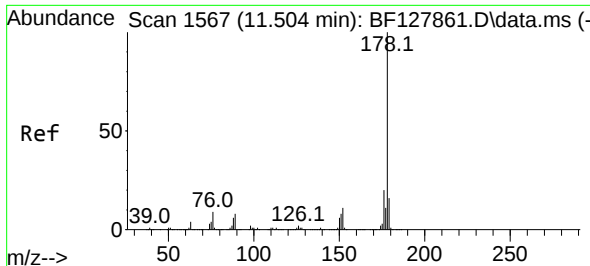


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36



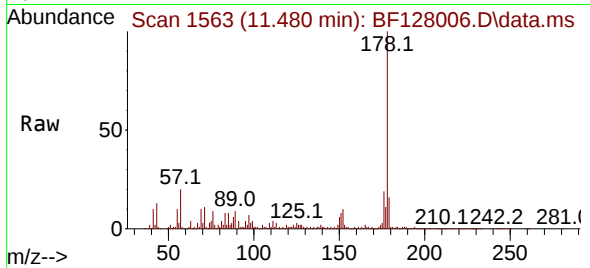
Tgt Ion:188 Resp: 260635
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.4 8.9 13.3





#71
Phenanthrene
Concen: 7.229 ng
RT: 11.480 min Scan# 11480
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

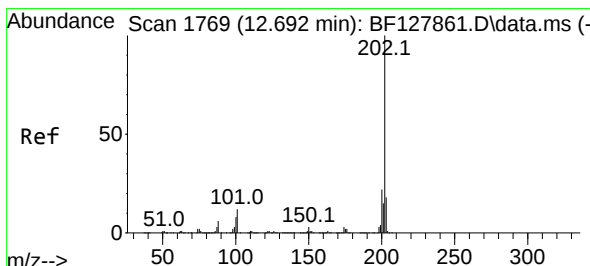
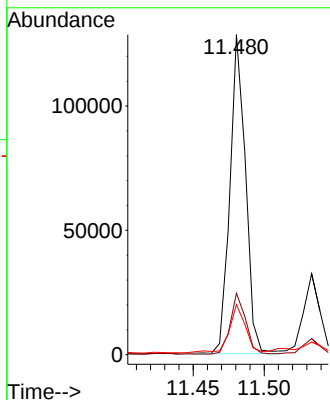
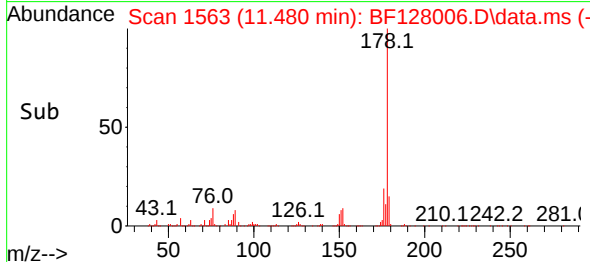
Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:178 Resp: 9863
Ion Ratio Lower Upper
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176 19.2 15.7 23.5
179 15.7 12.6 19.0

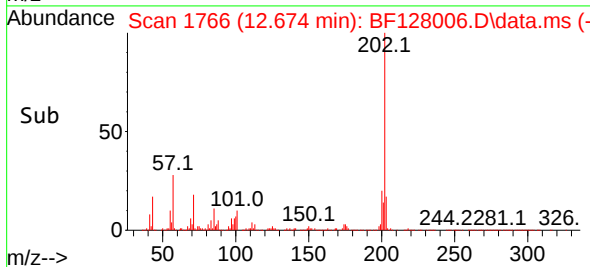
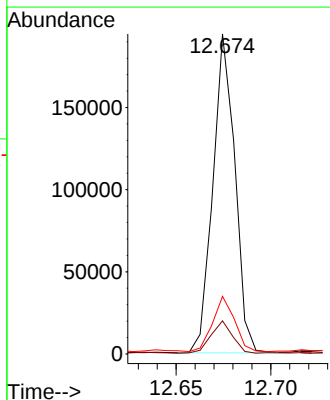
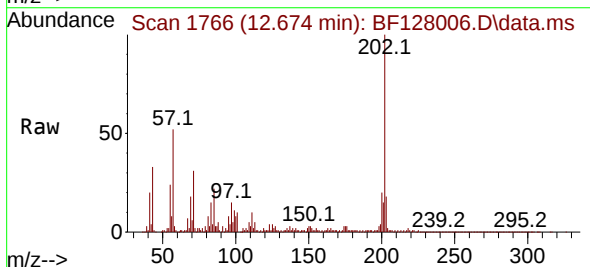
Manual Integrations
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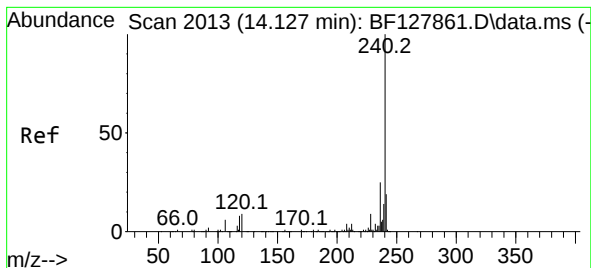
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#75
Fluoranthene
Concen: 10.929 ng
RT: 12.674 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:202 Resp: 156923
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.6
203 18.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3

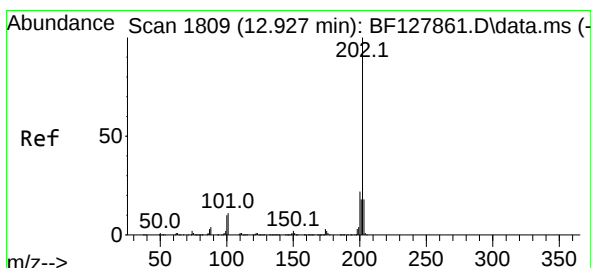
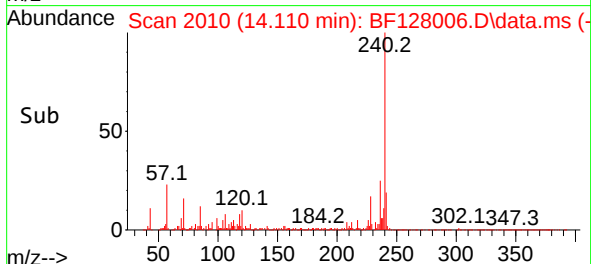
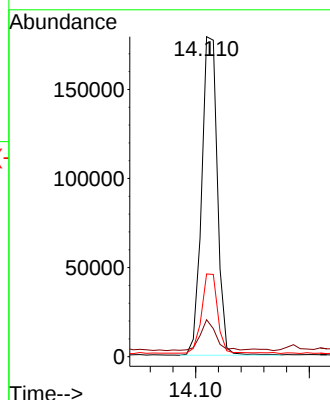
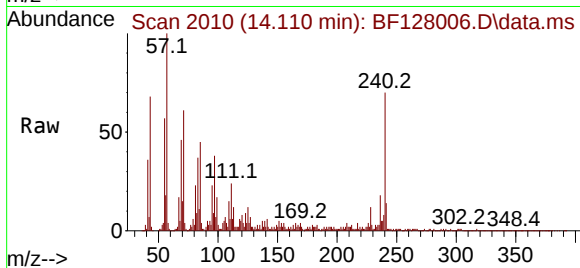
Tgt Ion:240 Resp: 17236
 Ion Ratio Lower Upper
 240 100
 120 11.6 7.0 10.6
 236 25.9 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#78

Pyrene

Concen: 10.269 ng

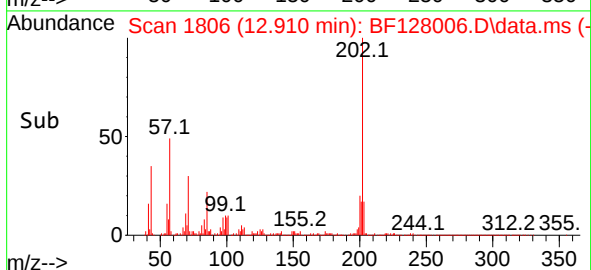
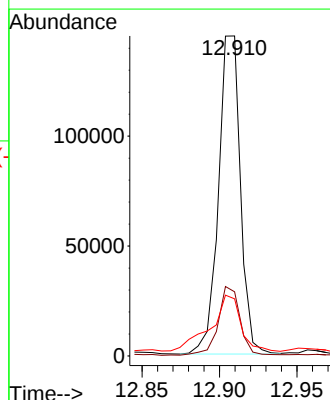
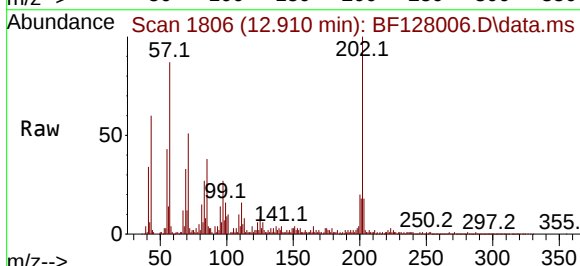
RT: 12.910 min Scan# 1806

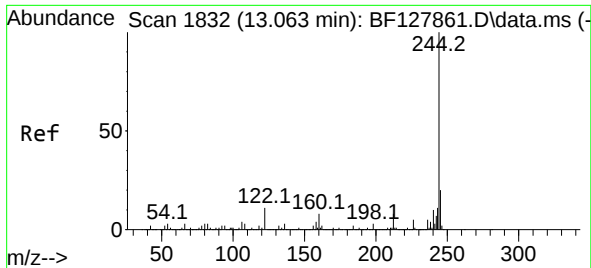
Delta R.T. -0.006 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

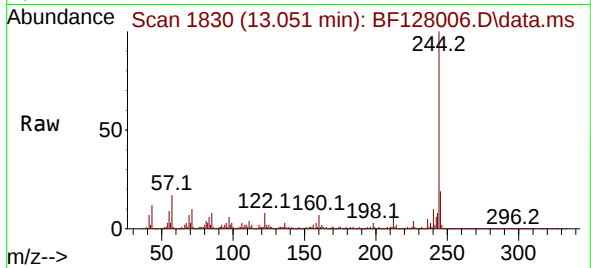
Tgt Ion:202 Resp: 142893
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.4 26.2
 203 17.8 14.0 21.0





#79
Terphenyl-d14
Concen: 71.479 ng
RT: 13.051 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

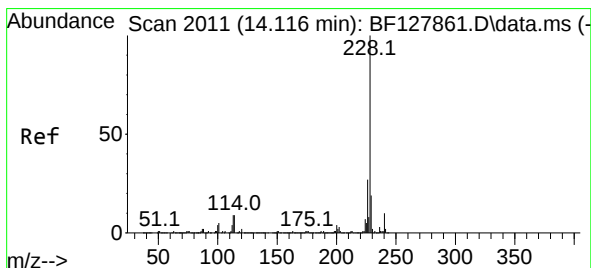
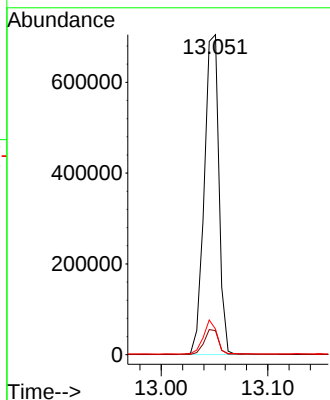
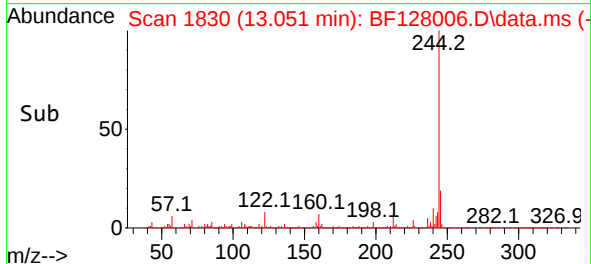
Instrument :
BNA_F
ClientSampleId :
WC-3



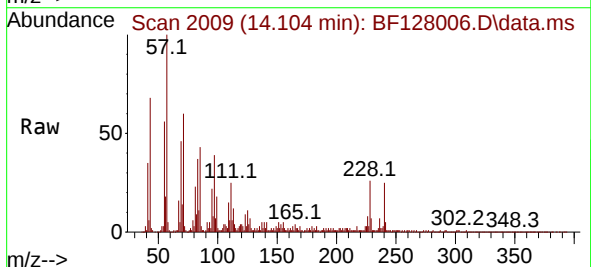
Tgt Ion:244 Resp: 67378
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.0 8.6 12.8

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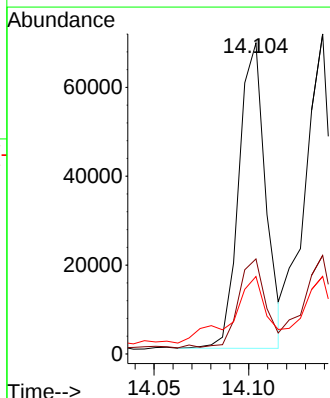
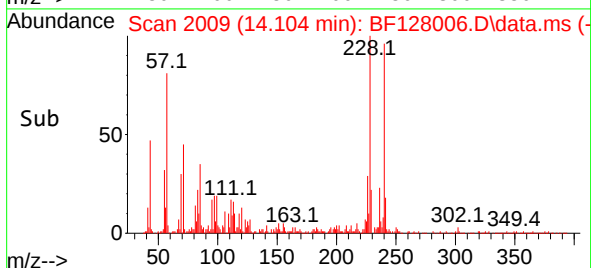
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

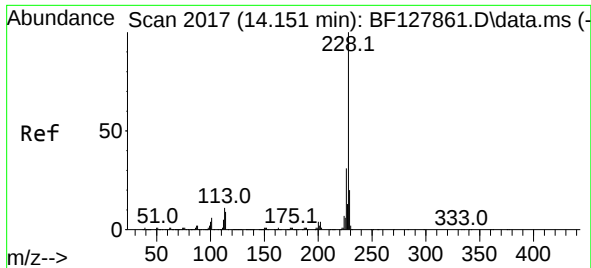


#81
Benzo(a)anthracene
Concen: 5.895 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36



Tgt Ion:228 Resp: 67725
Ion Ratio Lower Upper
228 100
226 30.6 21.7 32.5
229 24.9 15.4 23.2





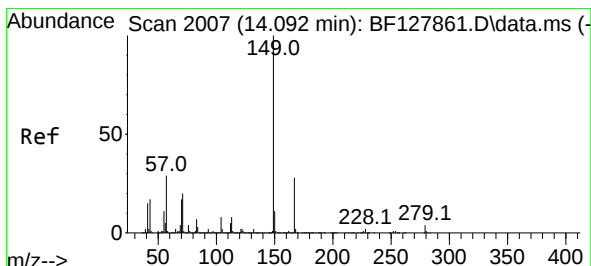
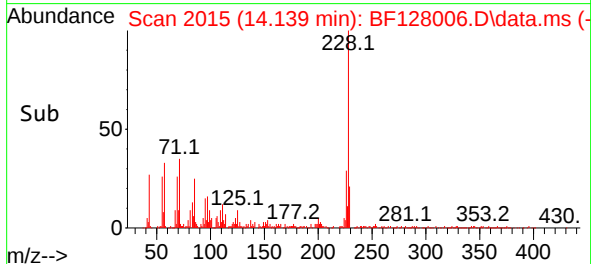
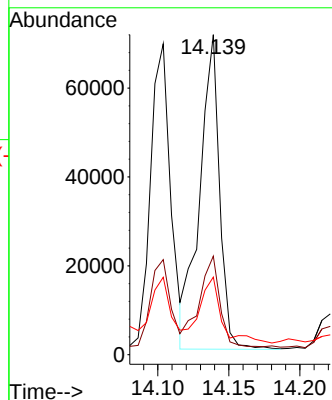
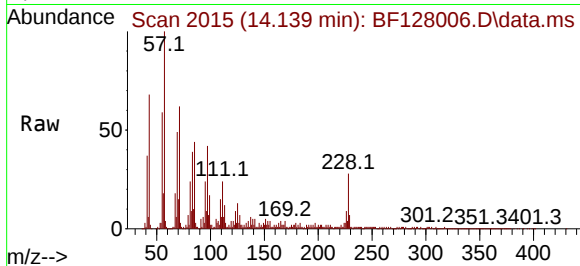
#83
Chrysene
Concen: 6.335 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:228 Resp: 69500
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 24.2 15.8 23.8

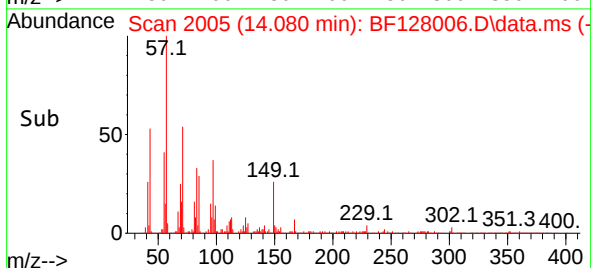
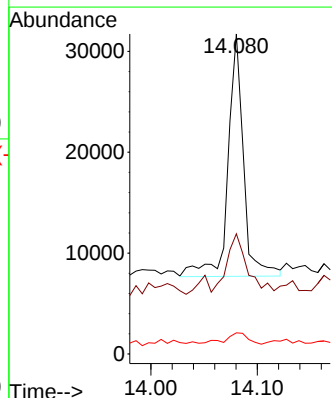
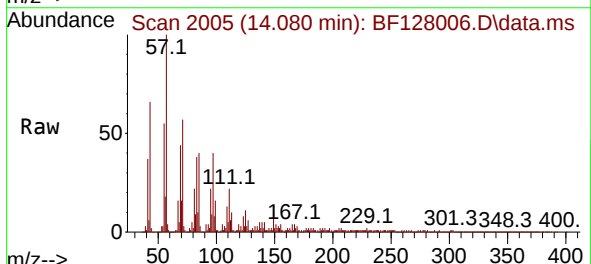
Manual Integrations
APPROVED

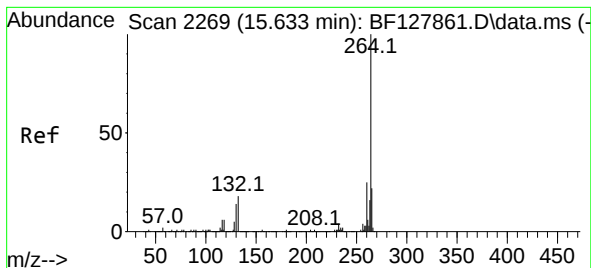
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.350 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:149 Resp: 24225
Ion Ratio Lower Upper
149 100
167 37.6 22.0 33.0#
279 6.6 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

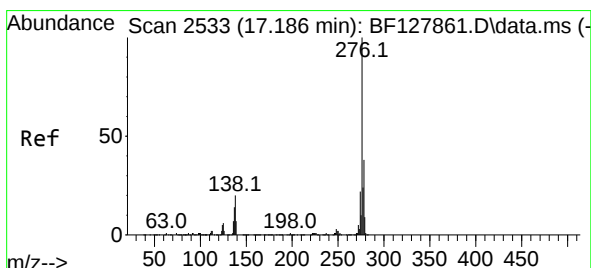
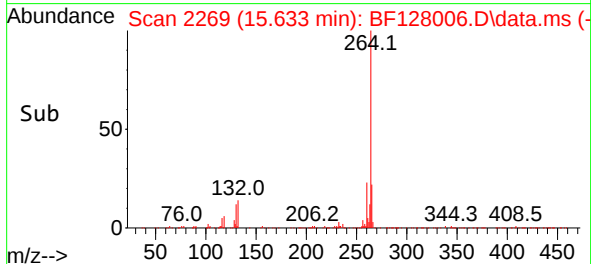
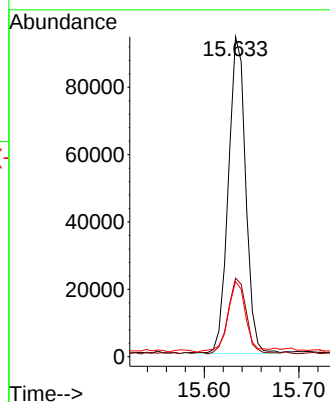
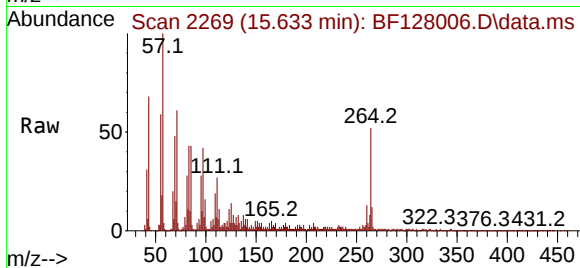
WC-3

Tgt Ion:264 Resp: 119820
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 23.4 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.617 ng

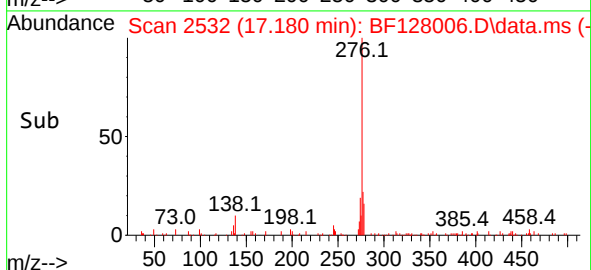
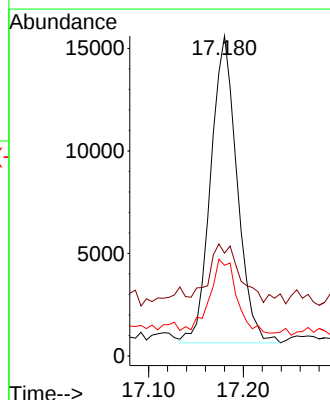
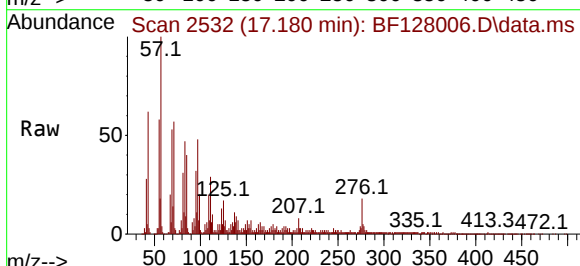
RT: 17.180 min Scan# 2532

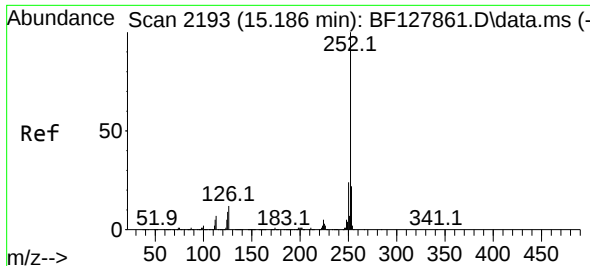
Delta R.T. 0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

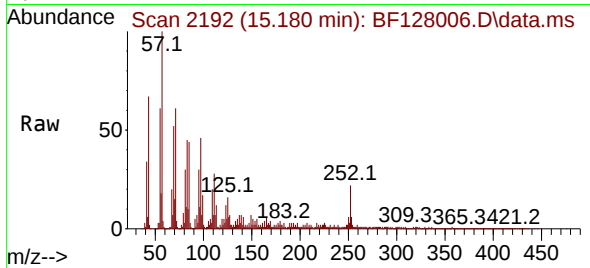
Tgt Ion:276 Resp: 28929
 Ion Ratio Lower Upper
 276 100
 138 21.9 19.0 28.4
 277 24.2 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 9.430 ng m
RT: 15.180 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

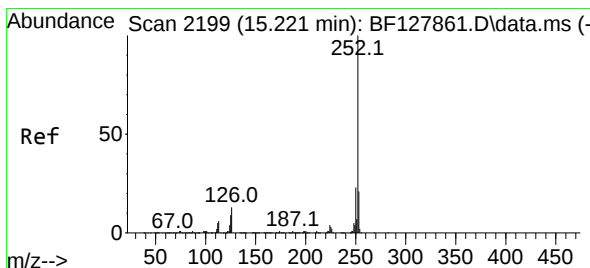
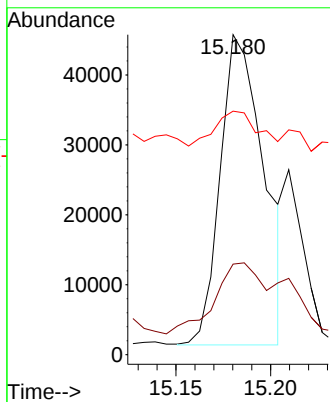
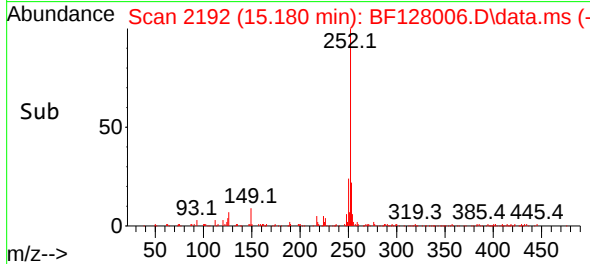
Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:252 Resp: 7096
Ion Ratio Lower Upper
252 100
253 28.3 17.4 26.2#
125 76.1 7.4 11.2#

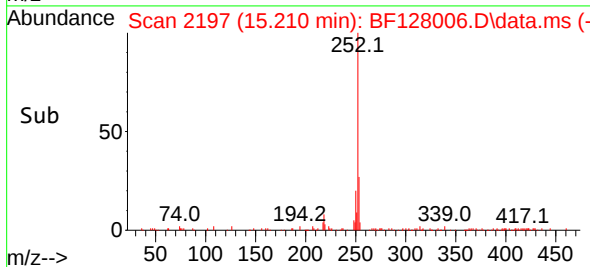
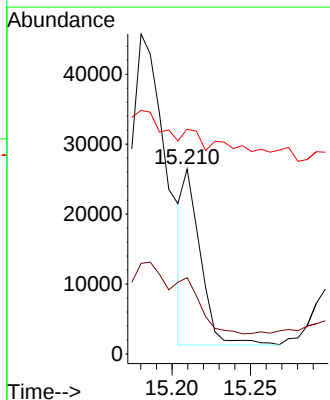
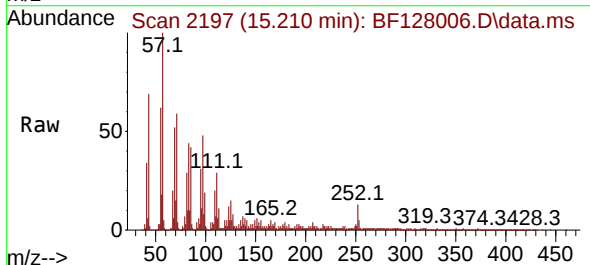
Manual Integrations
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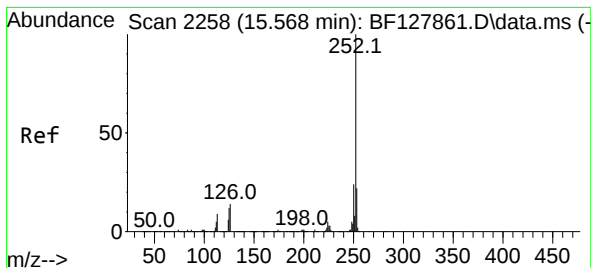
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#89
Benzo(k)fluoranthene
Concen: 2.580 ng m
RT: 15.210 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF128006.D
Acq: 29 Apr 2022 20:36

Tgt Ion:252 Resp: 19566
Ion Ratio Lower Upper
252 100
253 41.3 17.0 25.4#
125 121.5 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 7.361 ng

RT: 15.568 min Scan# 2258

Delta R.T. 0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion:252 Resp: 45958

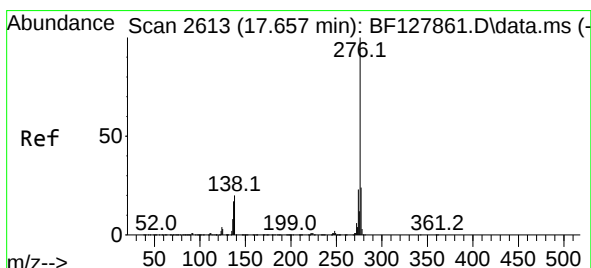
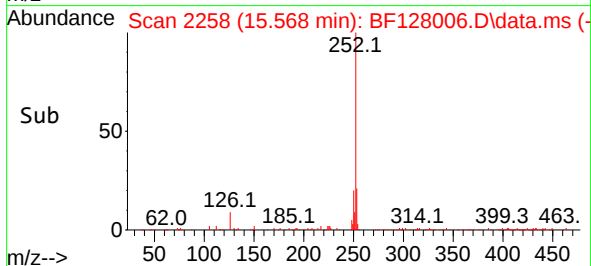
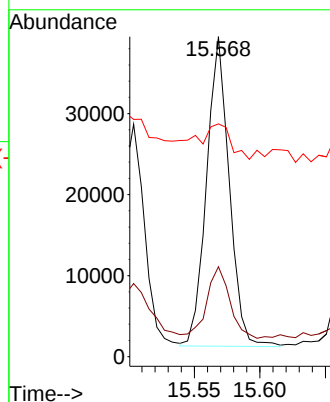
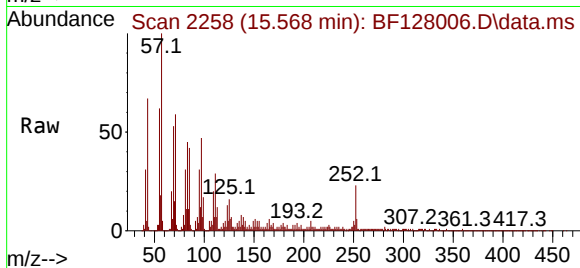
Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.6
125	72.8	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#92

Benzo(g,h,i)perylene

Concen: 4.328 ng

RT: 17.651 min Scan# 2612

Delta R.T. 0.012 min

Lab File: BF128006.D

Acq: 29 Apr 2022 20:36

Tgt Ion:276 Resp: 29259

Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.8	28.2
138	37.1	16.2	24.2

