

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127106.D
 Acq On : 28 Feb 2022 18:13
 Operator : CG\JU
 Sample : N1664-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/01/2022
 Supervised By : Jagrut Upadhyay 03/01/2022

Quant Time: Mar 01 01:40:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	102115	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	397702	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	196687	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	305317	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	171338	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	187859	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	556120	84.172	ng	-0.01
7) Phenol-d6	6.528	99	750763	84.213	ng	-0.01
23) Nitrobenzene-d5	7.463	82	512822	58.203	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	207167	91.481	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	834105	62.431	ng	-0.01
79) Terphenyl-d14	13.022	244	644401	55.288	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.540	94	19248	2.137	ng	85
71) Phenanthrene	11.457	178	49005	2.868	ng	99
75) Fluoranthene	12.645	202	76067	4.688	ng	96
78) Pyrene	12.880	202	73805	4.958	ng	98
81) Benzo(a)anthracene	14.069	228	34271	2.967	ng	96
83) Chrysene	14.104	228	35211	3.242	ng	97
88) Benzo(b)fluoranthene	15.133	252	53870m	4.270	ng	
90) Benzo(a)pyrene	15.510	252	37345m	3.789	ng	
92) Benzo(g,h,i)perylene	17.545	276	20407	2.032	ng	# 82

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

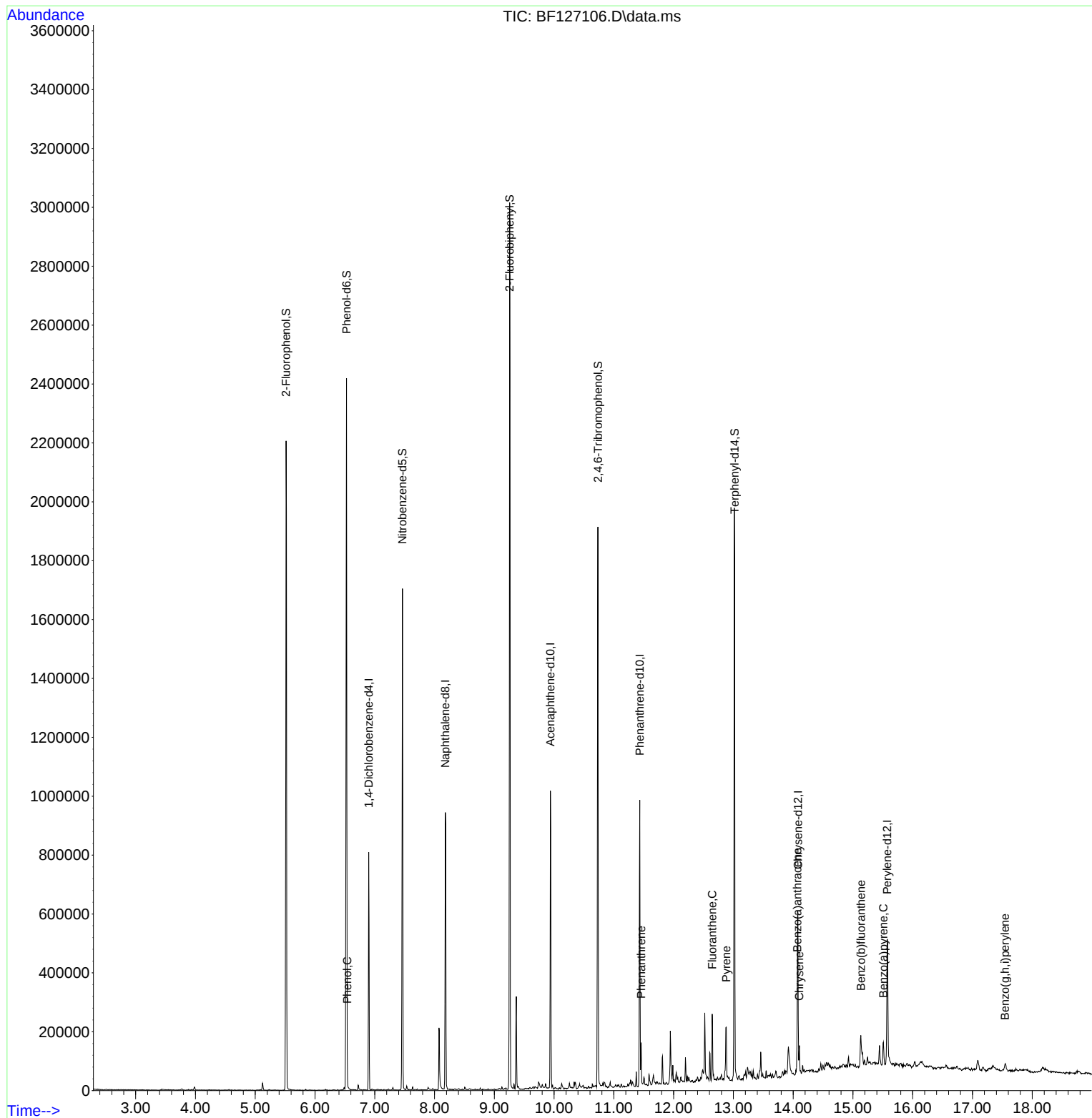
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
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QLast Update : Thu Feb 24 02:10:57 2022
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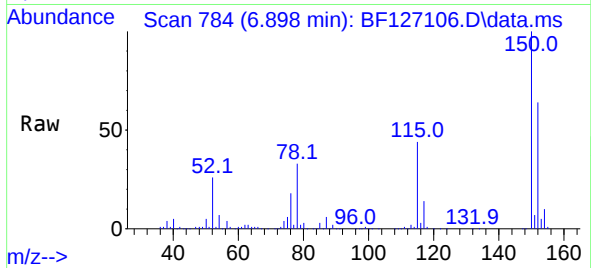
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

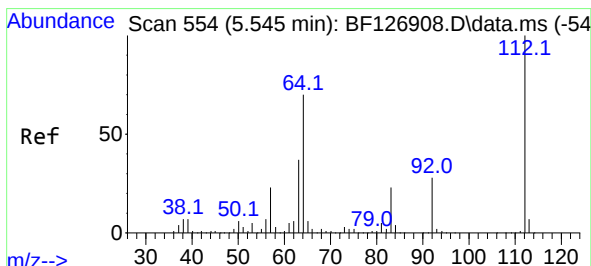
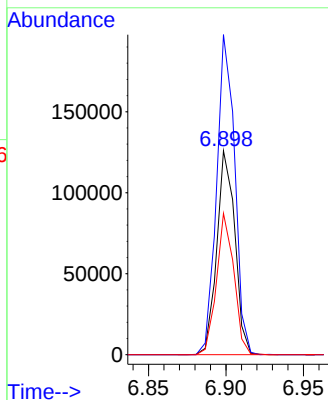
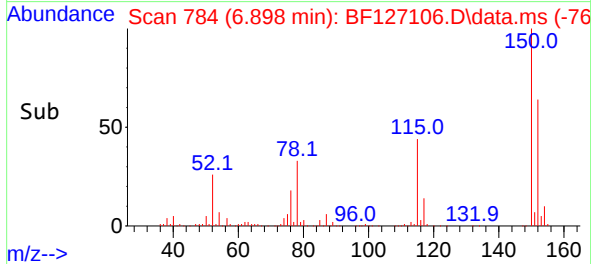
Instrument :
BNA_F
ClientSampleId :
TP-10



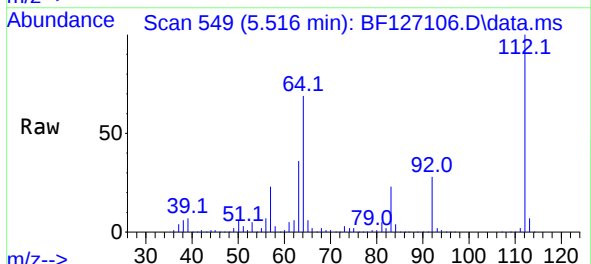
Tgt Ion:152 Resp: 102115
Ion Ratio Lower Upper
152 100
150 157.0 128.1 192.1
115 69.3 56.7 85.1

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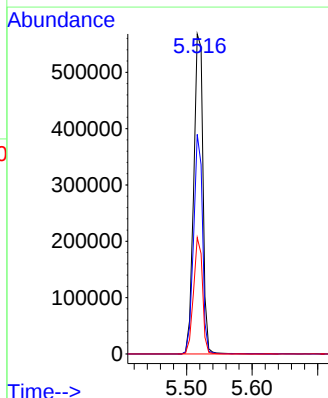
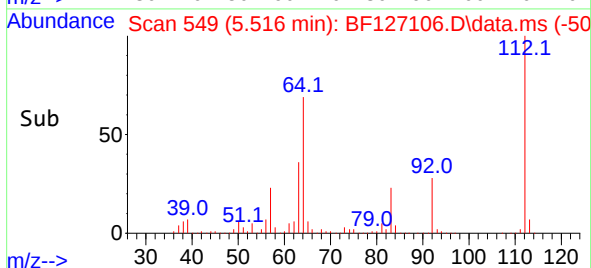
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

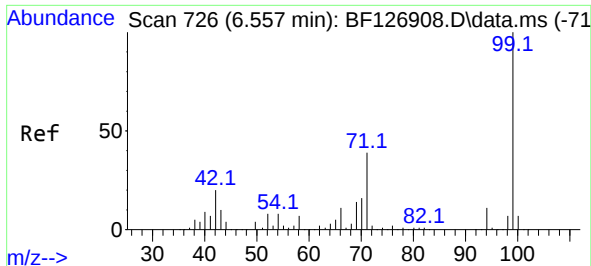


#5
2-Fluorophenol
Concen: 84.172 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13



Tgt Ion:112 Resp: 556120
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 36.4 23.9 35.9





#7

Phenol-d6

Concen: 84.213 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

Tgt Ion: 99 Resp: 75076

Ion Ratio Lower Upper

99 100

42 19.0 14.2 21.4

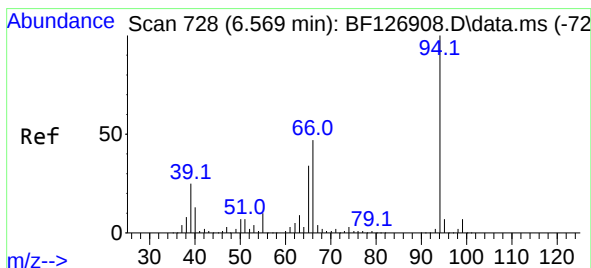
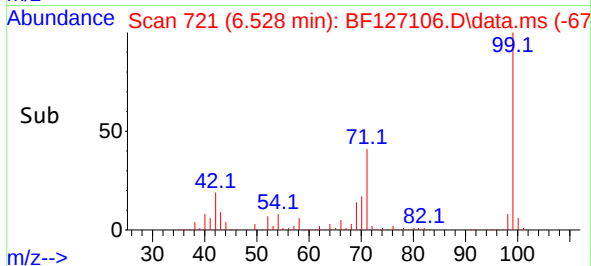
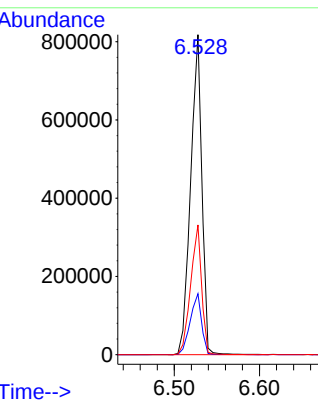
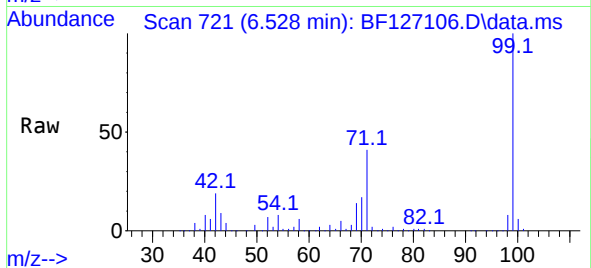
71 40.5 24.3 36.5

Manual Integrations

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#10

Phenol

Concen: 2.137 ng

RT: 6.540 min Scan# 723

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

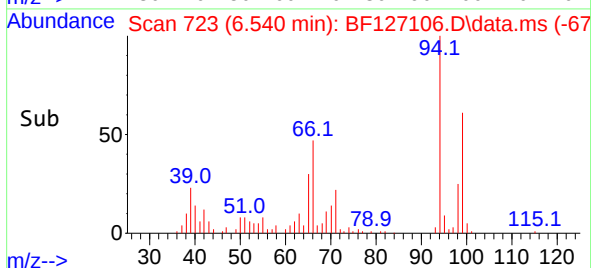
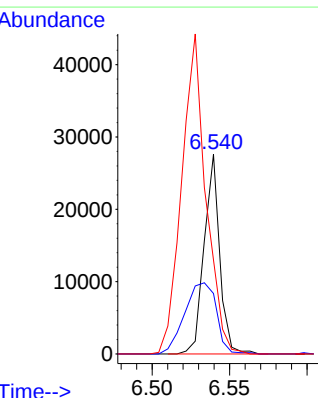
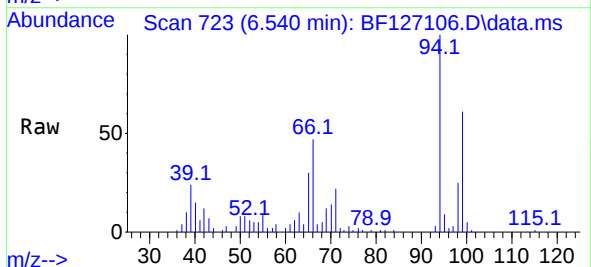
Tgt Ion: 94 Resp: 19248

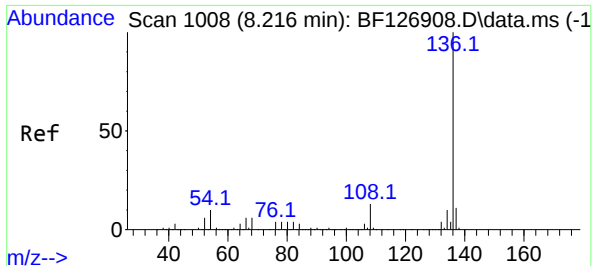
Ion Ratio Lower Upper

94 100

65 30.3 7.2 47.2

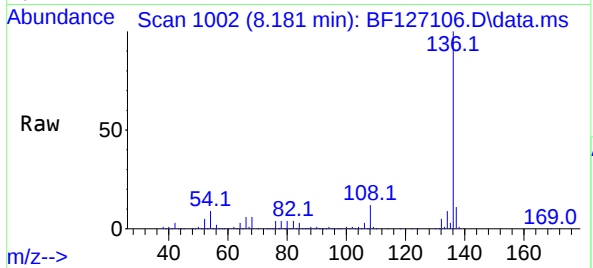
66 47.1 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

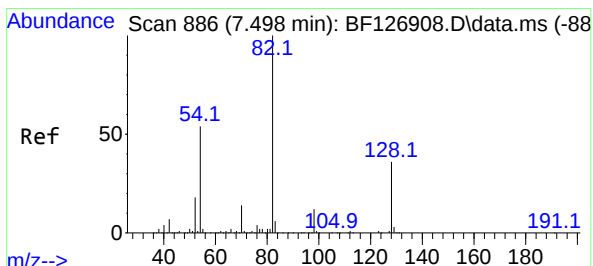
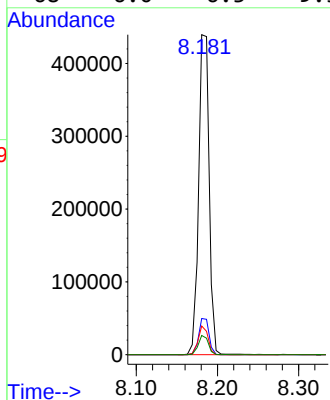
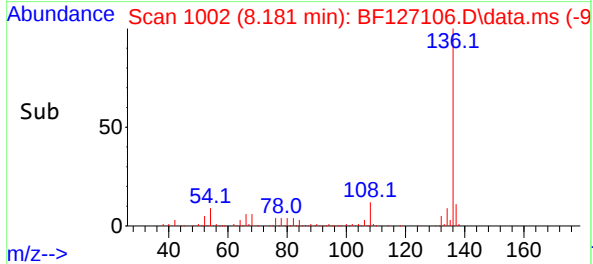
Instrument :
BNA_F
ClientSampleId :
TP-10



Tgt Ion:136 Resp: 397702
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 7.8 11.6
68 6.0 6.3 9.5#

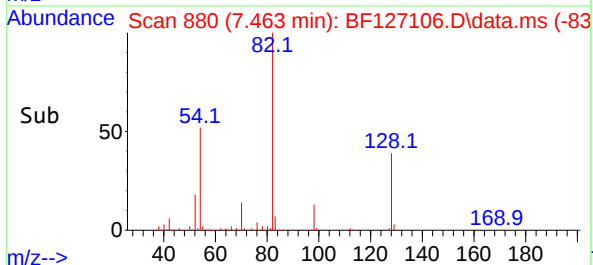
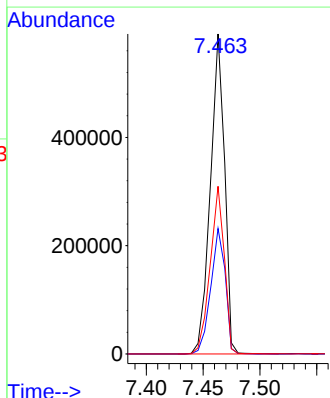
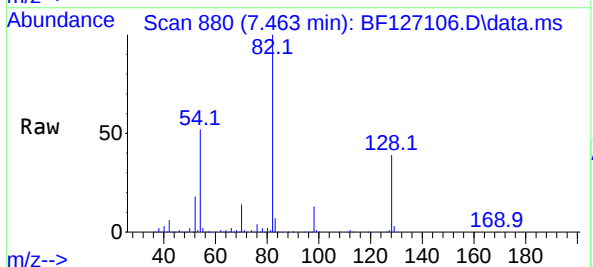
Manual Integrations
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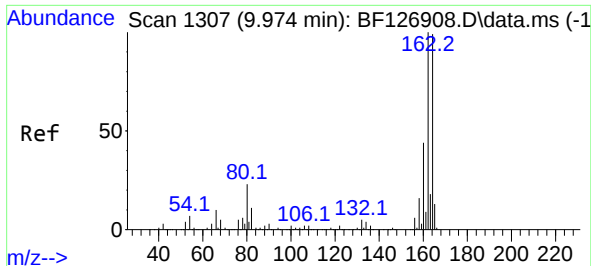
Reviewed By :Christian Giraldo 03/01/2022
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#23
Nitrobenzene-d5
Concen: 58.203 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

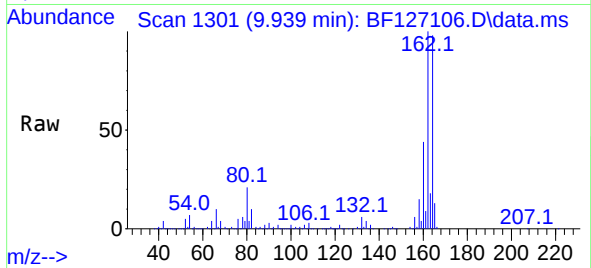
Tgt Ion: 82 Resp: 512822
Ion Ratio Lower Upper
82 100
128 39.2 32.7 49.1
54 52.4 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

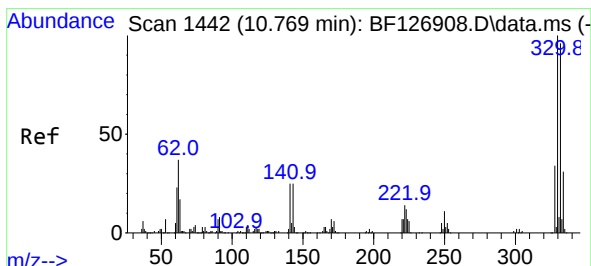
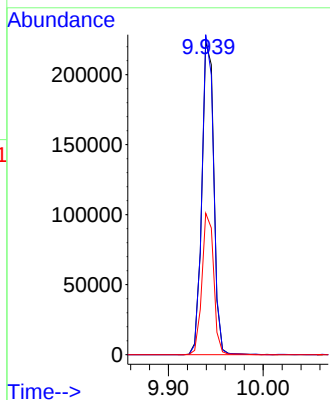
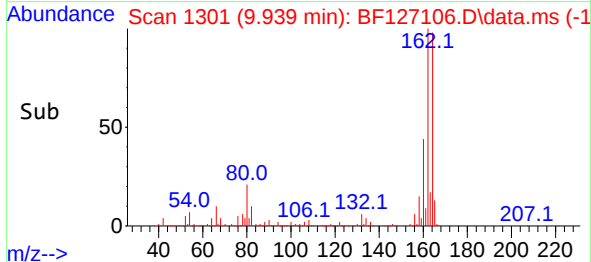
Instrument :
BNA_F
ClientSampleId :
TP-10



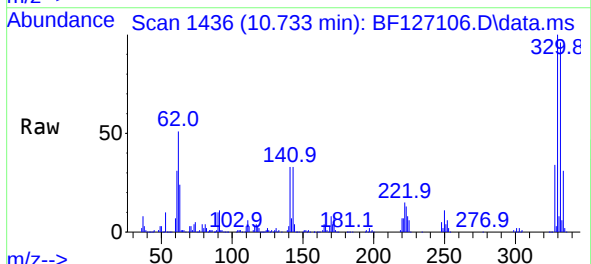
Tgt Ion:164 Resp: 19668
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 45.2 36.6 54.8

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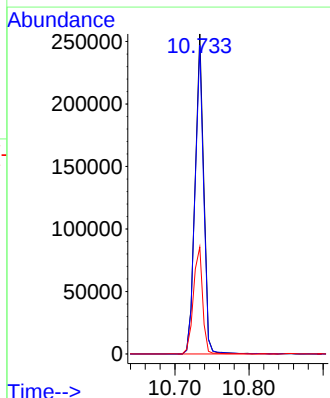
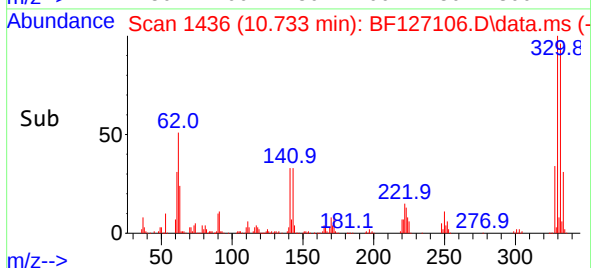
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

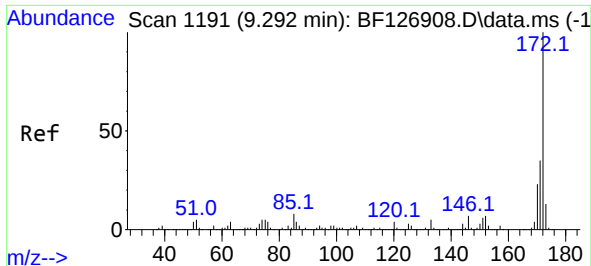


#42
2,4,6-Tribromophenol
Concen: 91.481 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13



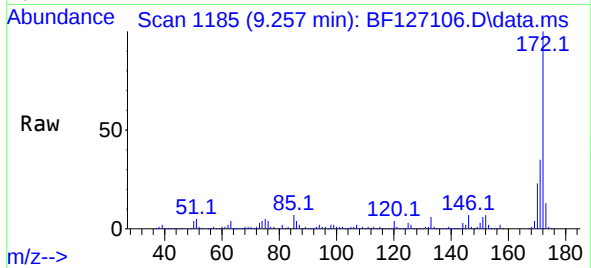
Tgt Ion:330 Resp: 207167
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 35.4 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 62.431 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

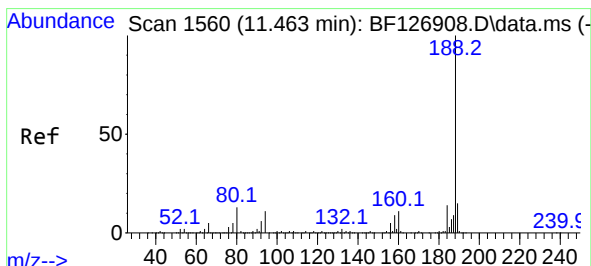
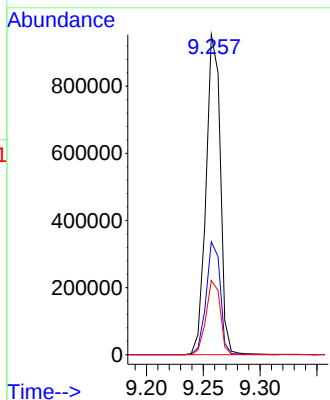
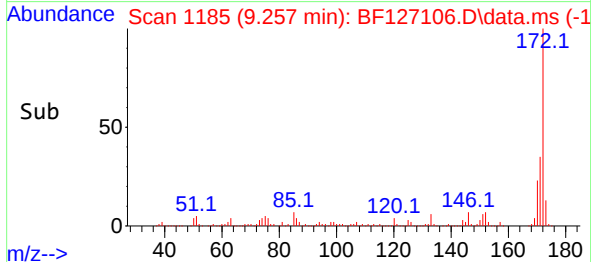
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TP-10



Tgt Ion:172 Resp: 83410
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.0 28.6

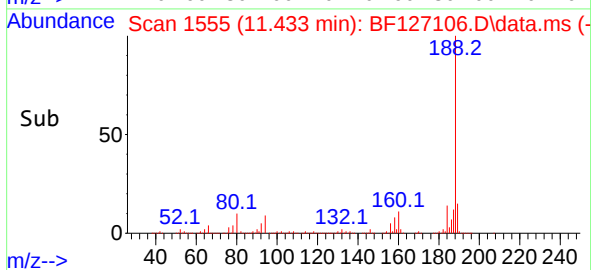
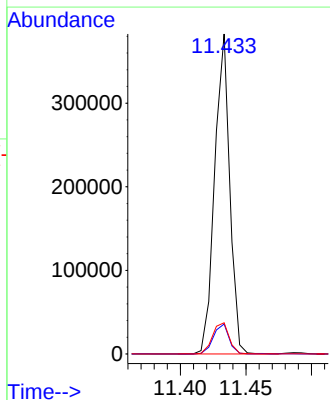
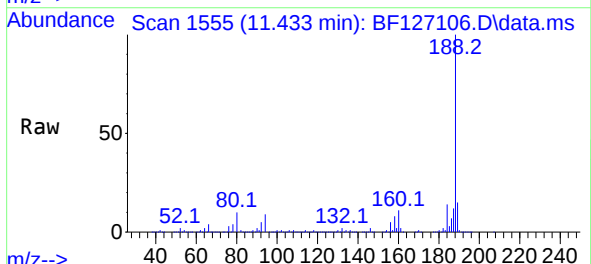
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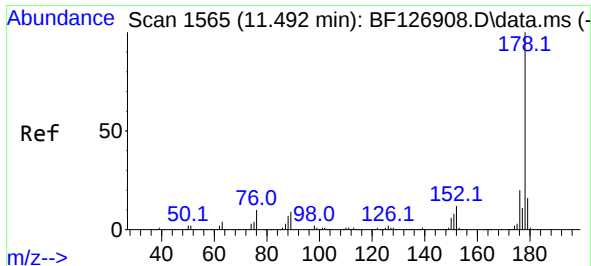
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

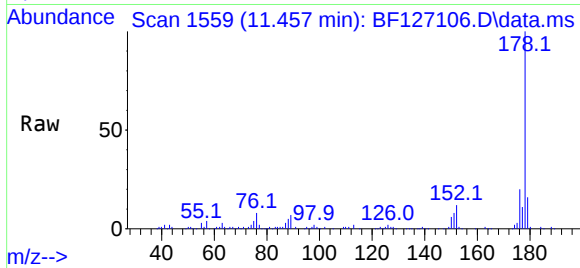
Tgt Ion:188 Resp: 305317
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 9.8 11.8 17.6#





#71
Phenanthrene
Concen: 2.868 ng
RT: 11.457 min Scan# 11457
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

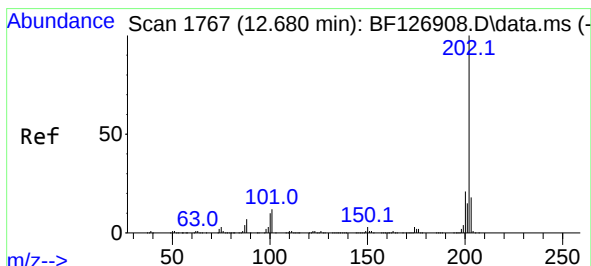
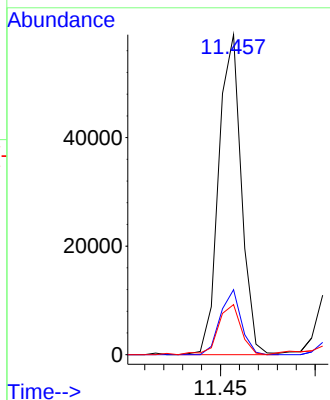
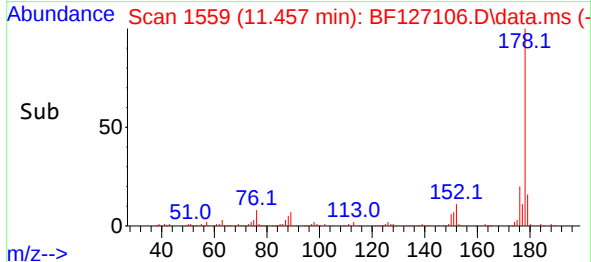
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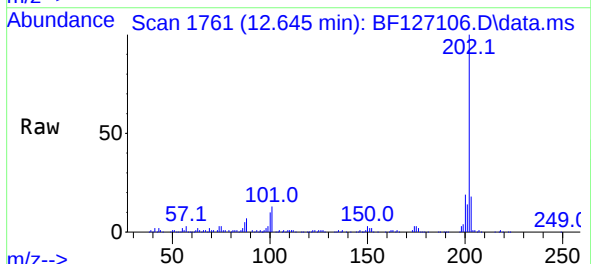
Tgt Ion:178 Resp: 4900
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.7 12.3 18.5

Manual Integrations
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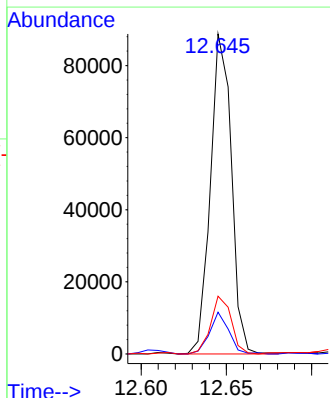
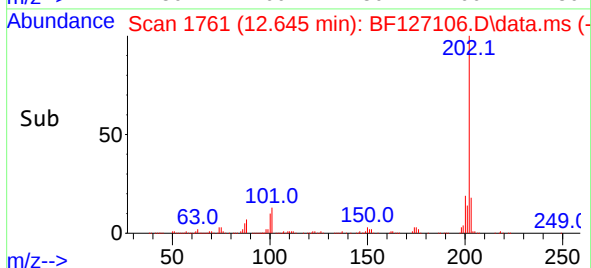
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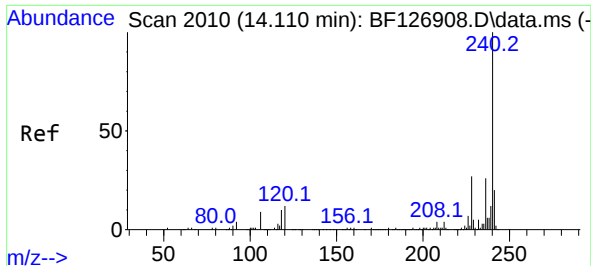


#75
Fluoranthene
Concen: 4.688 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13



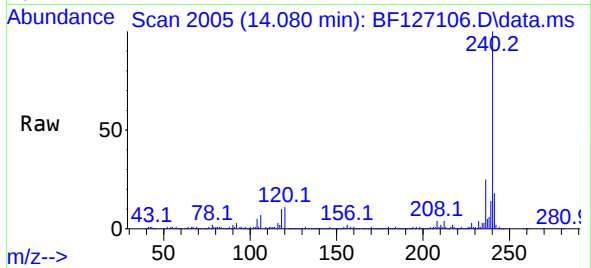
Tgt Ion:202 Resp: 76067
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.7
203 18.1 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

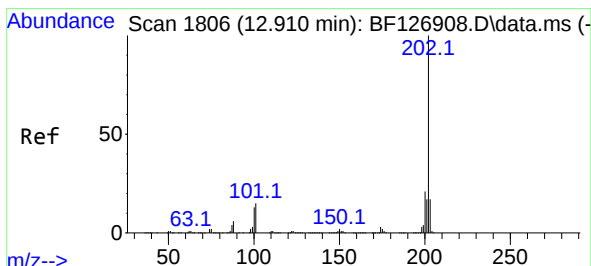
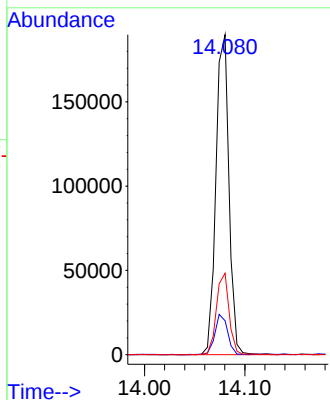
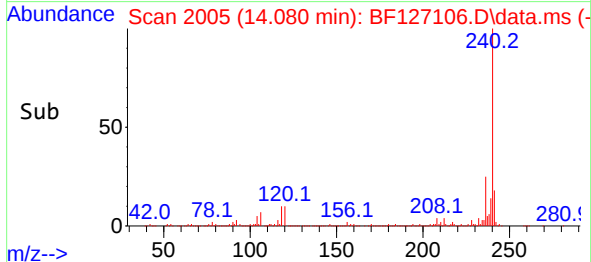
Instrument :
BNA_F
ClientSampleId :
TP-10



Tgt Ion:240 Resp: 171338
Ion Ratio Lower Upper
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120 10.6 14.4 21.6
236 25.5 20.5 30.7

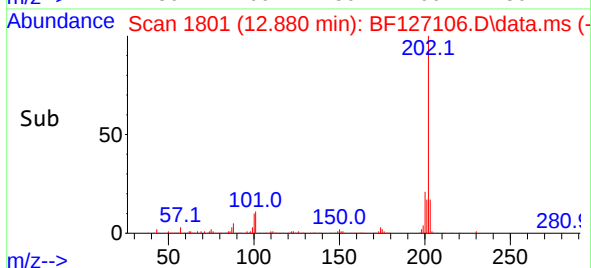
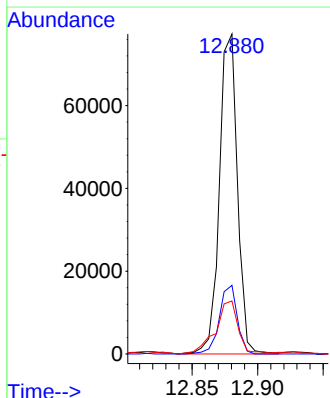
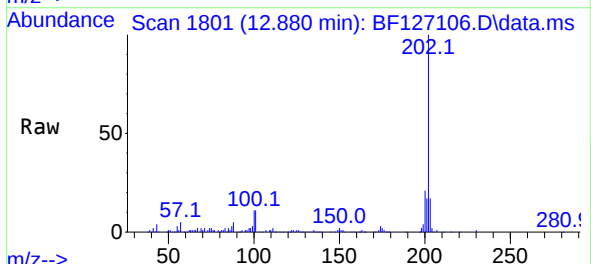
Manual Integrations
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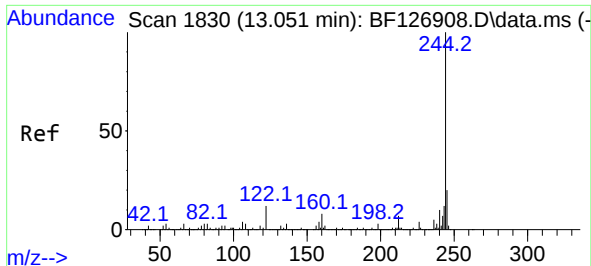
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#78
Pyrene
Concen: 4.958 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Tgt Ion:202 Resp: 73805
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 16.6 13.8 20.8





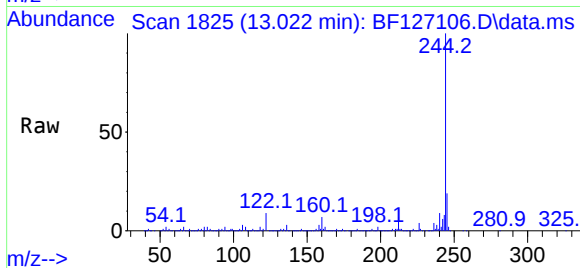
#79
 Terphenyl-d14
 Concen: 55.288 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127106.D
 Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

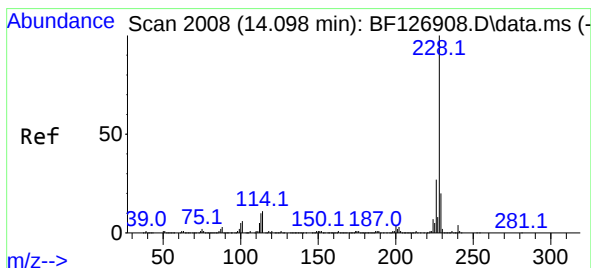
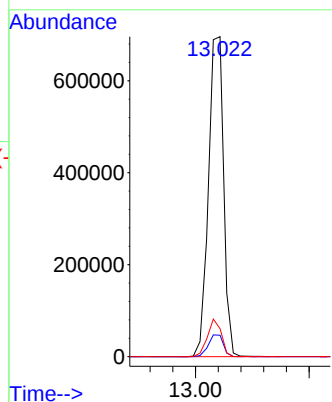
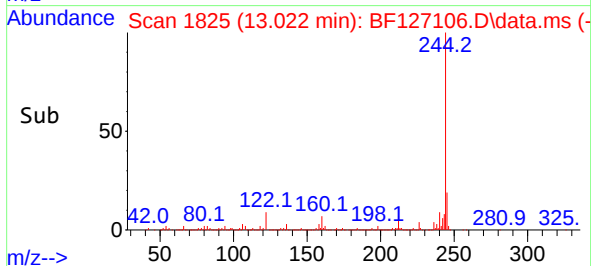


Tgt Ion:244 Resp: 64440
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 8.8 13.3 19.9

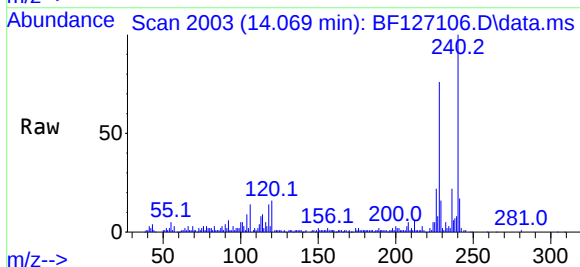
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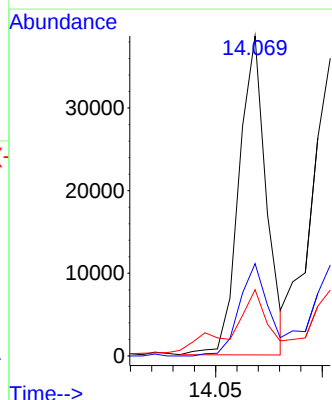
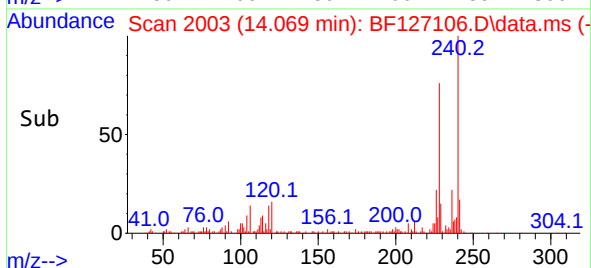
Reviewed By :Christian Giraldo 03/01/2022
 Supervised By :Jagrut Upadhyay 03/01/2022

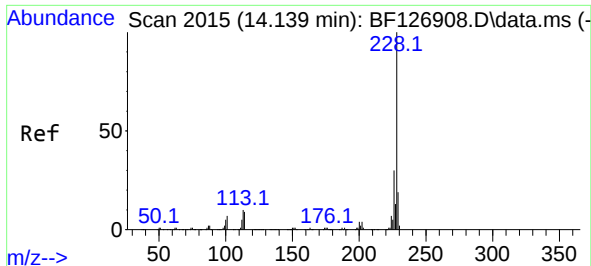


#81
 Benzo(a)anthracene
 Concen: 2.967 ng
 RT: 14.069 min Scan# 2003
 Delta R.T. -0.012 min
 Lab File: BF127106.D
 Acq: 28 Feb 2022 18:13



Tgt Ion:228 Resp: 34271
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.4 32.0
 229 20.7 15.4 23.2





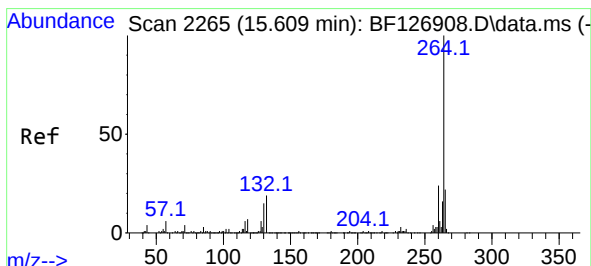
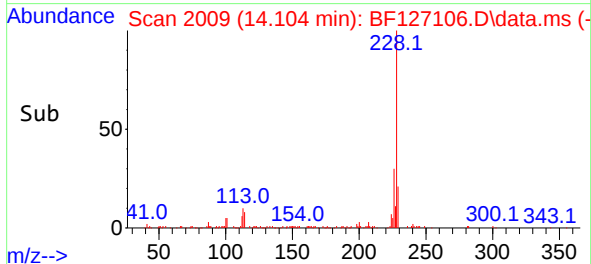
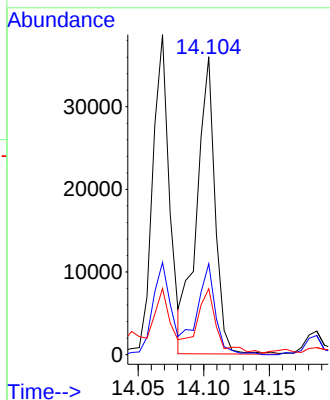
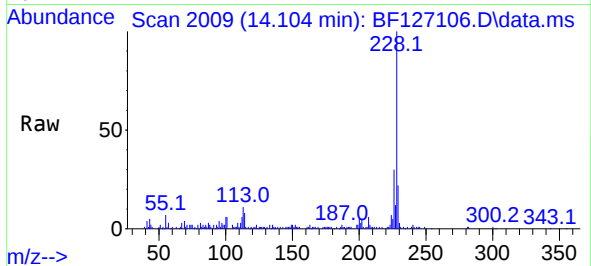
#83
Chrysene
Concen: 3.242 ng
RT: 14.104 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:228 Resp: 3521
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 22.1 15.5 23.3

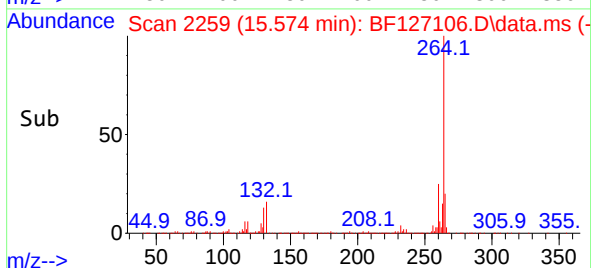
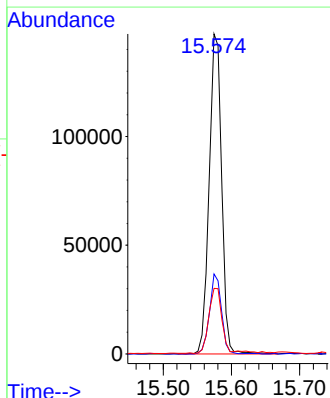
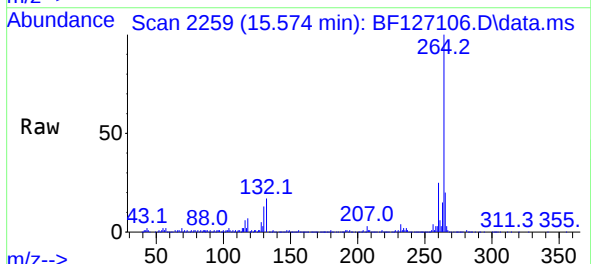
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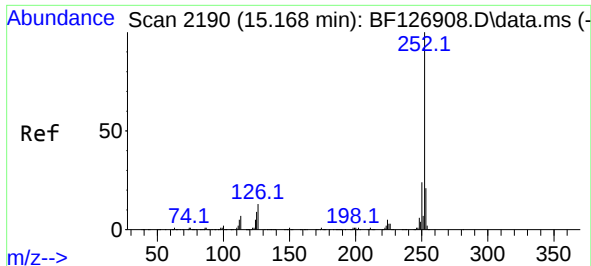
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

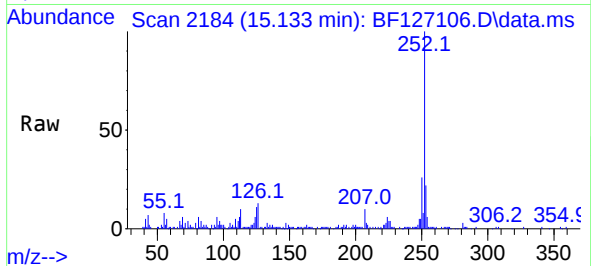
Tgt Ion:264 Resp: 187859
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 20.5 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.270 ng m
RT: 15.133 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

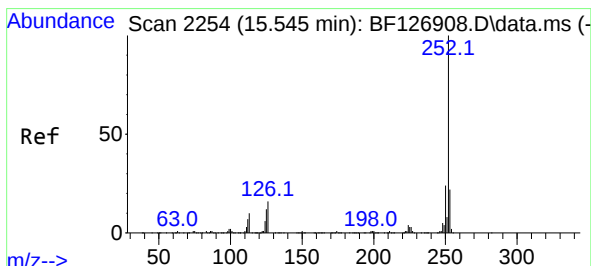
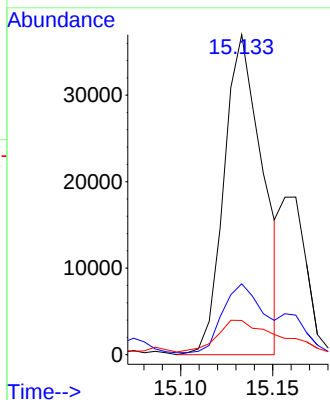
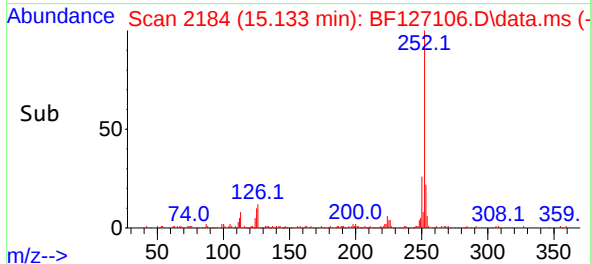
Instrument :
BNA_F
ClientSampleId :
TP-10



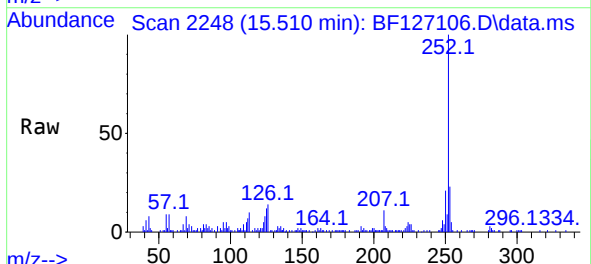
Tgt Ion:252 Resp: 53870
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 12.4 18.6

Manual Integrations
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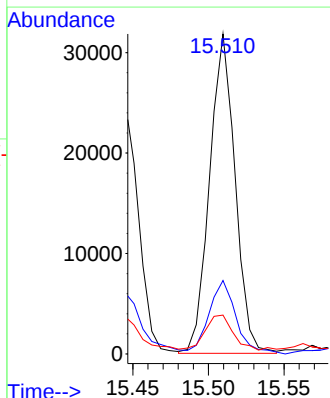
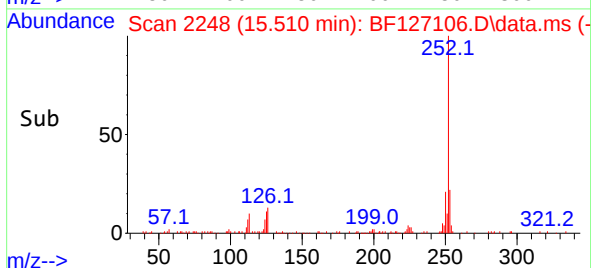
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

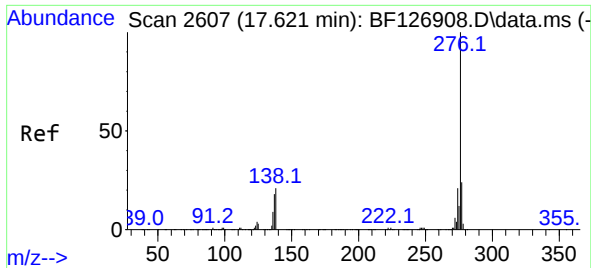


#90
Benzo(a)pyrene
Concen: 3.789 ng m
RT: 15.510 min Scan# 2248
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13



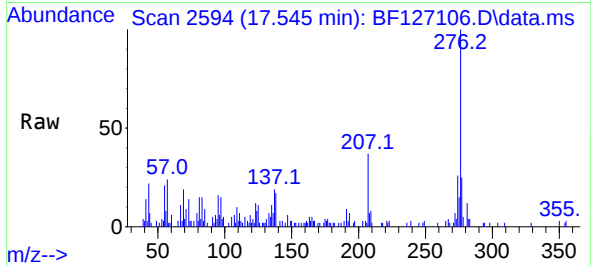
Tgt Ion:252 Resp: 37345
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 12.2 13.0 19.6





#92
Benzo(g,h,i)perylene
Concen: 2.032 ng
RT: 17.545 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Instrument :
BNA_F
ClientSampleId :
TP-10



Tgt Ion: 276 Resp: 2040

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	16.7	25.9	38.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/01/2022
Supervised By : Jagrut Upadhyay 03/01/2022

