

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127931.D
 Acq On : 27 Apr 2022 00:03
 Operator : CG\JU
 Sample : N2502-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 01:49:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	133477	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	476478	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	232294	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	320775	20.000	ng	0.02
76) Chrysene-d12	14.145	240	182020	20.000	ng	# 0.02
86) Perylene-d12	15.686	264	149553	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1078378	128.683	ng	0.05
7) Phenol-d6	6.604	99	233446m	21.469	ng	0.04
23) Nitrobenzene-d5	7.545	82	901676	88.987	ng	0.04
42) 2,4,6-Tribromophenol	10.775	330	237998	101.777	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1358720	98.952	ng	0.00
79) Terphenyl-d14	13.074	244	984033	98.855	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	533241	79.270	ng	93
15) Benzyl Alcohol	7.322	79	31877857m	4311.017	ng	
31) Naphthalene	8.251	128	77885	3.209	ng	98
37) 2-Methylnaphthalene	8.939	142	60840	3.793	ng	99
38) 1-Methylnaphthalene	9.039	142	33210	2.130	ng	96
71) Phenanthrene	11.516	178	162765	9.694	ng	98
75) Fluoranthene	12.698	202	241856	13.686	ng	98
78) Pyrene	12.933	202	170920	11.632	ng	97
81) Benzo(a)anthracene	14.133	228	43634	3.597	ng	# 78
83) Chrysene	14.168	228	132598	11.444	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.110	149	58676	7.683	ng	# 82
88) Benzo(b)fluoranthene	15.227	252	72029m	7.668	ng	
90) Benzo(a)pyrene	15.551	252	35438m	4.548	ng	

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

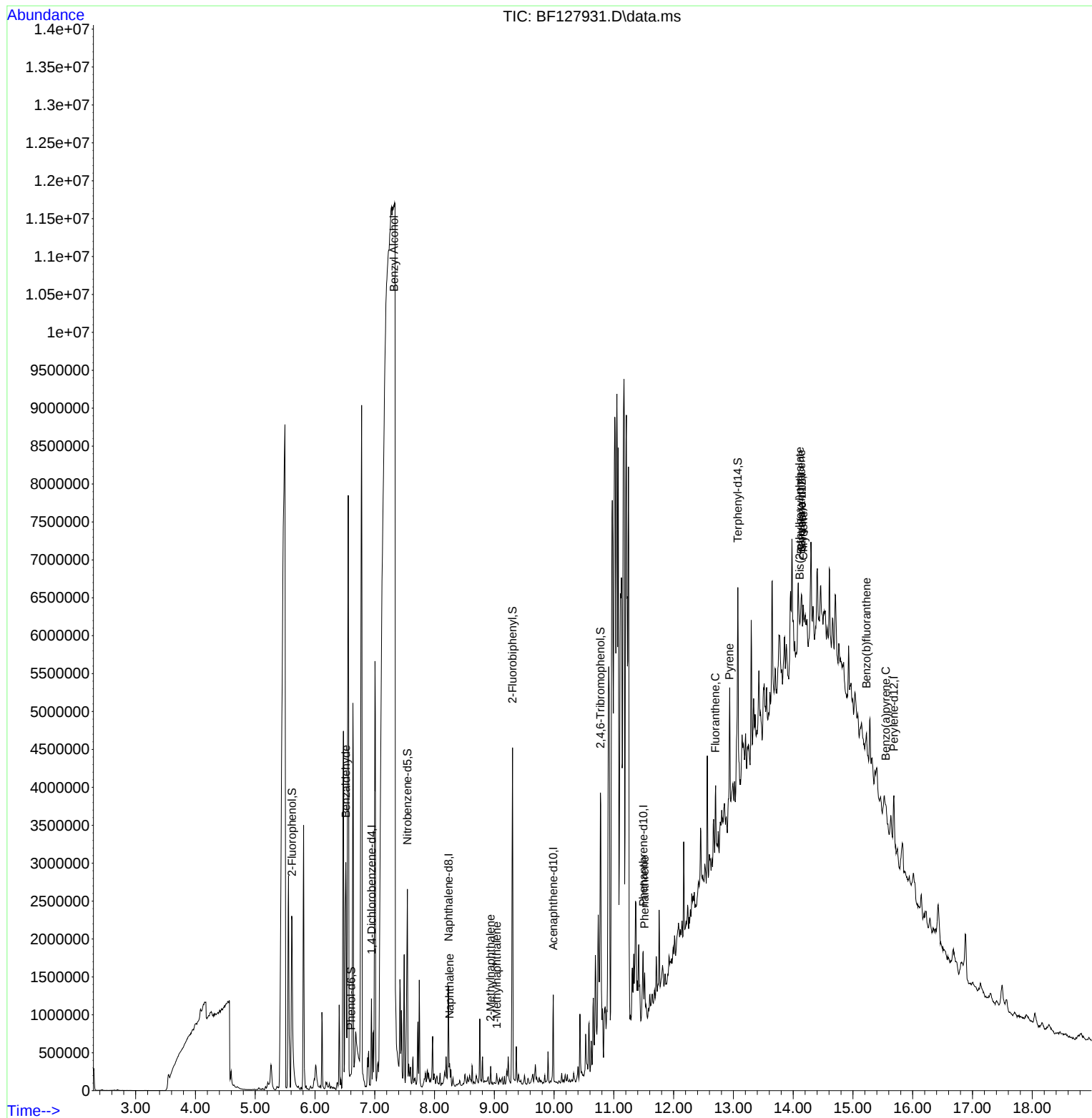
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127931.D
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ALS Vial : 19 Sample Multiplier: 1

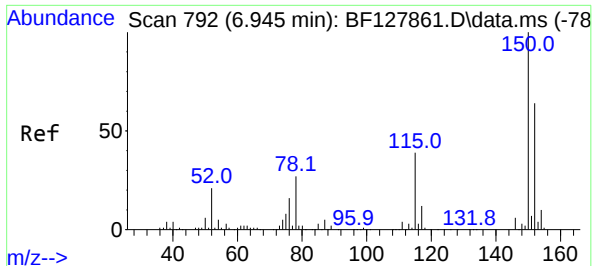
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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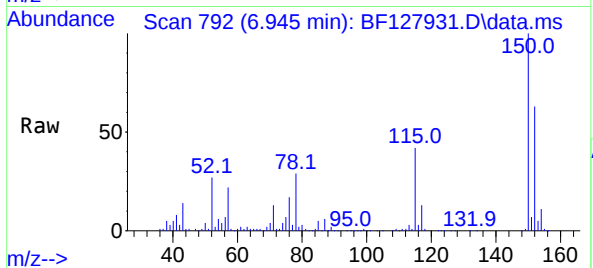
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

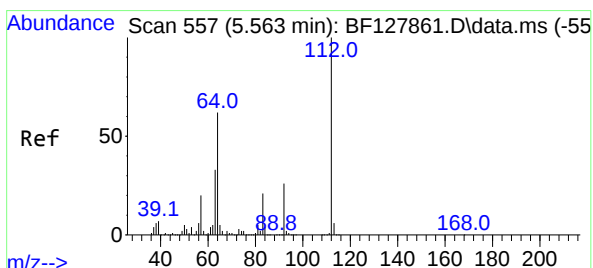
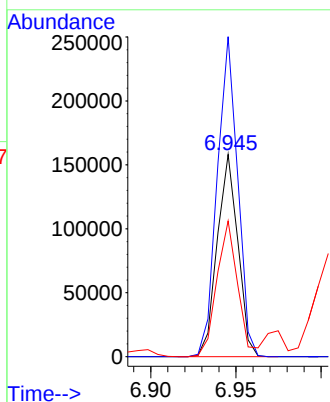
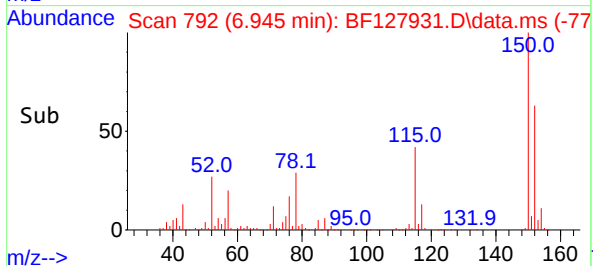
Instrument :
BNA_F
ClientSampleId :
C1



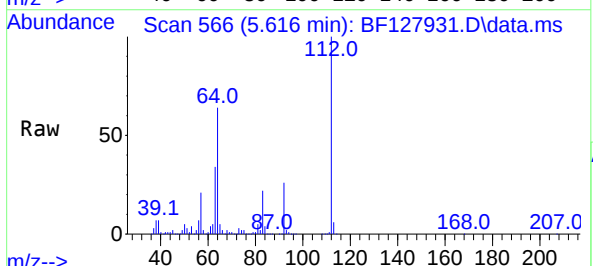
Tgt Ion:152 Resp: 133477
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 67.1 48.8 73.2

Manual Integrations
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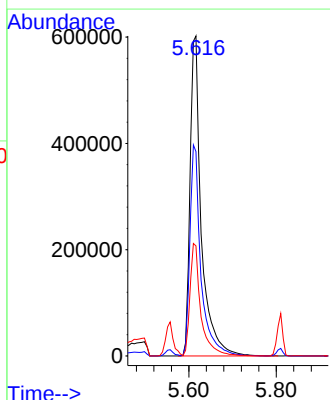
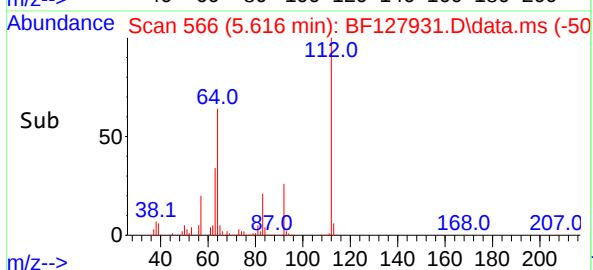
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

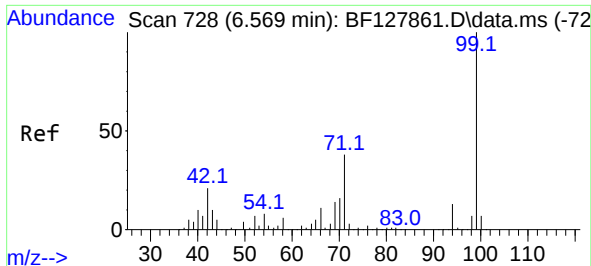


#5
2-Fluorophenol
Concen: 128.683 ng
RT: 5.616 min Scan# 566
Delta R.T. 0.053 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



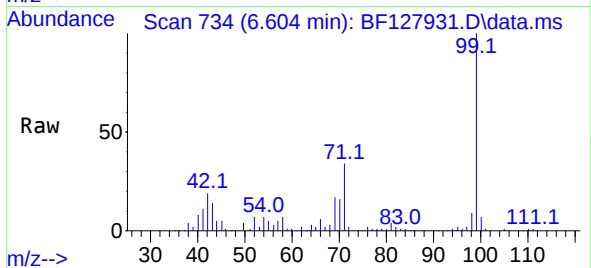
Tgt Ion:112 Resp: 1078378
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 34.4 26.3 39.5





#7
Phenol-d6
Concen: 21.469 ng m
RT: 6.604 min Scan# 719
Delta R.T. 0.035 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

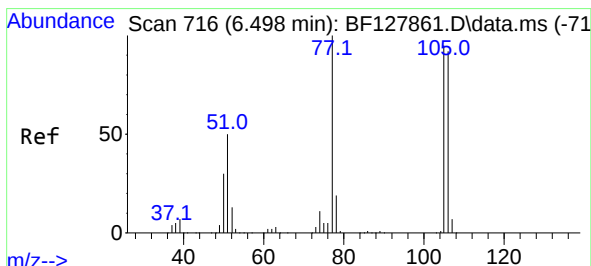
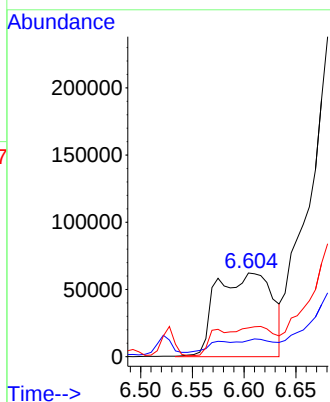
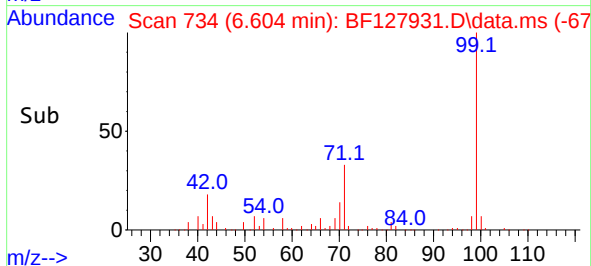
Instrument :
BNA_F
ClientSampleId :
C1



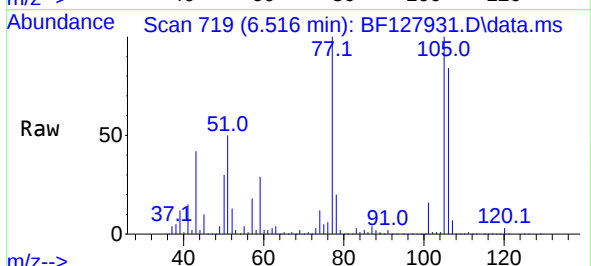
Tgt Ion: 99 Resp: 233440
Ion Ratio Lower Upper
99 100
42 19.4 16.6 24.8
71 34.4 30.0 45.0

Manual Integrations
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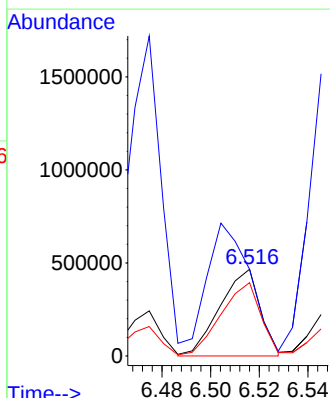
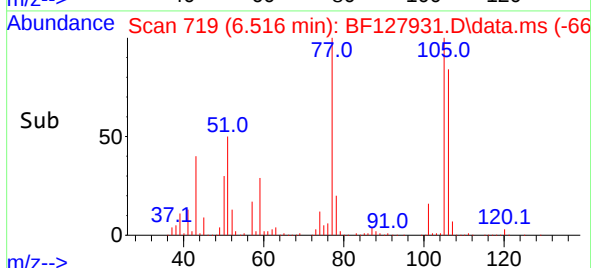
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

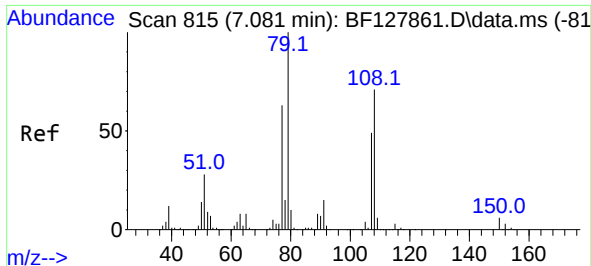


#9
Benzaldehyde
Concen: 79.270 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



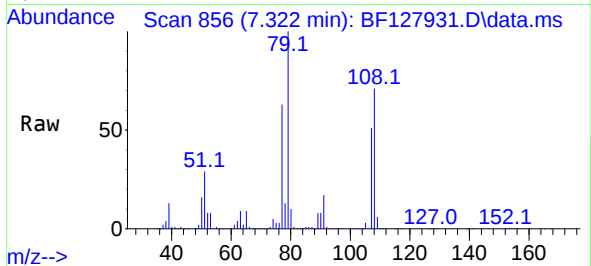
Tgt Ion: 77 Resp: 533241
Ion Ratio Lower Upper
77 100
105 100.0 74.9 114.9
106 84.5 72.2 112.2





#15
Benzyl Alcohol
Concen: 4311.017 ng m
RT: 7.322 min Scan# 815
Delta R.T. 0.241 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

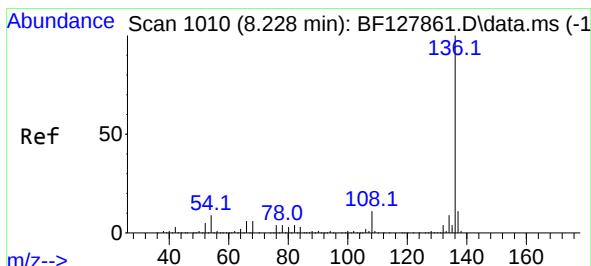
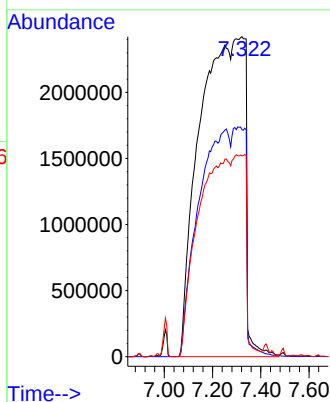
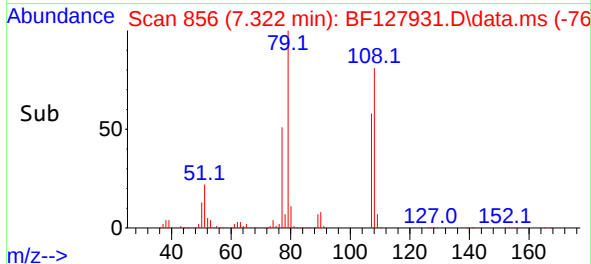
Instrument :
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ClientSampleId :
C1



Tgt Ion: 79 Resp: 3187785
Ion Ratio Lower Upper
79 100
108 70.9 57.0 85.6
77 62.8 50.2 75.4

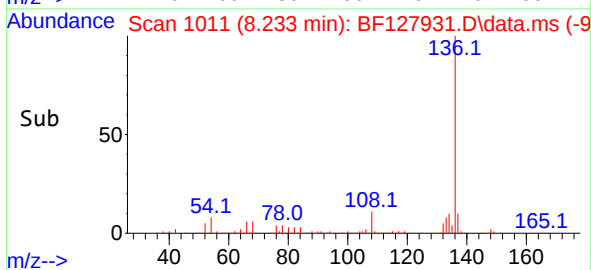
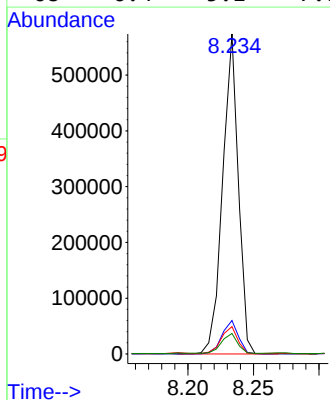
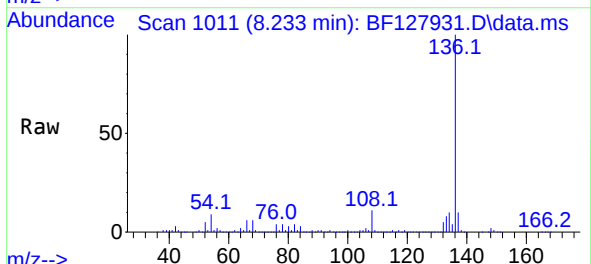
Manual Integrations
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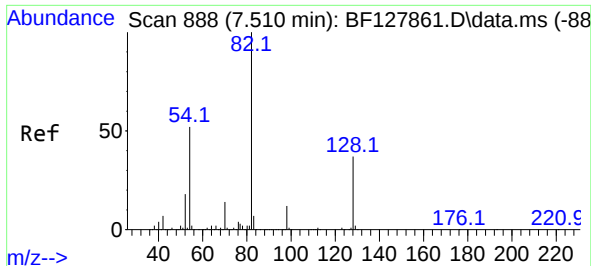
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/27/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

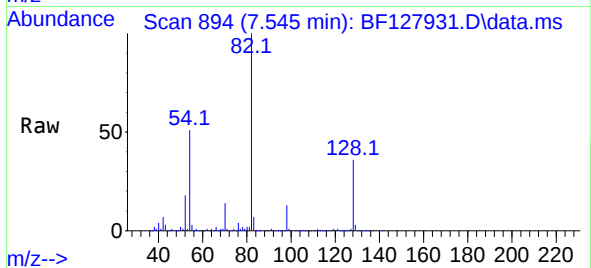
Tgt Ion: 136 Resp: 476478
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.6 6.8 10.2
68 6.4 5.1 7.7





#23
Nitrobenzene-d5
Concen: 88.987 ng
RT: 7.545 min Scan# 894
Delta R.T. 0.035 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

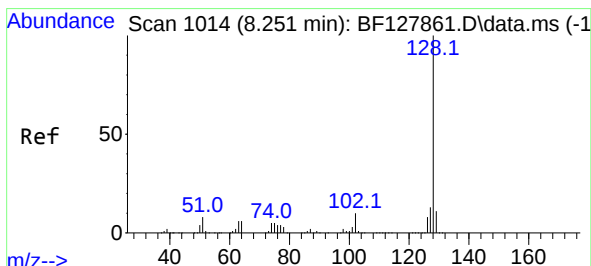
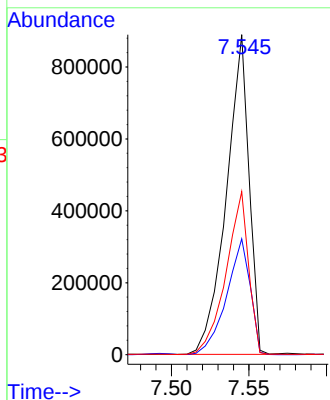
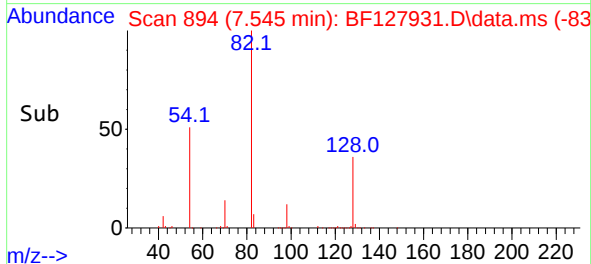
Instrument :
BNA_F
ClientSampleId :
C1



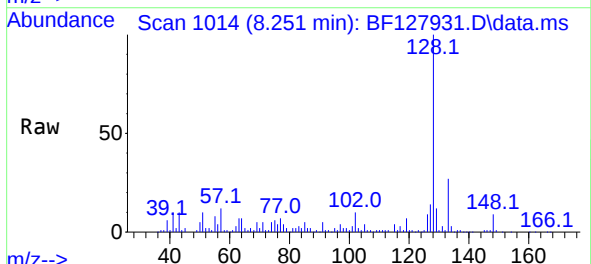
Tgt Ion: 82 Resp: 901670
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 51.0 41.3 61.9

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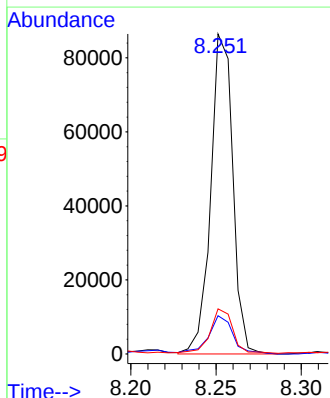
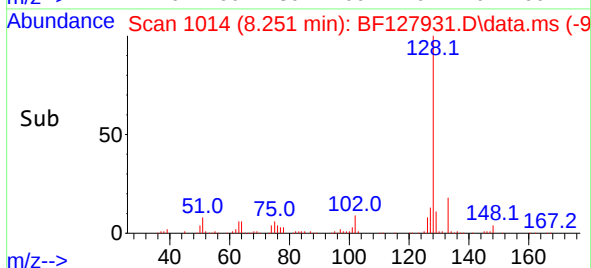
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

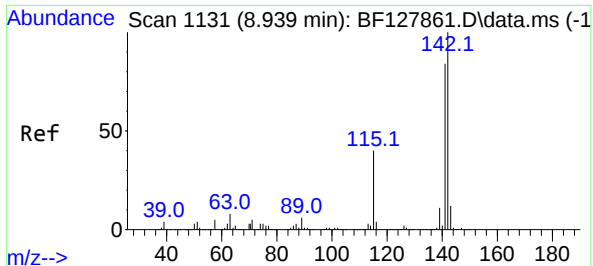


#31
Naphthalene
Concen: 3.209 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



Tgt Ion:128 Resp: 77885
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 14.1 10.6 16.0





#37

2-Methylnaphthalene

Concen: 3.793 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF127931.D

Acq: 27 Apr 2022 00:03

Instrument :

BNA_F

ClientSampleId :

C1

Tgt Ion:142 Resp: 60840

Ion Ratio Lower Upper

142 100

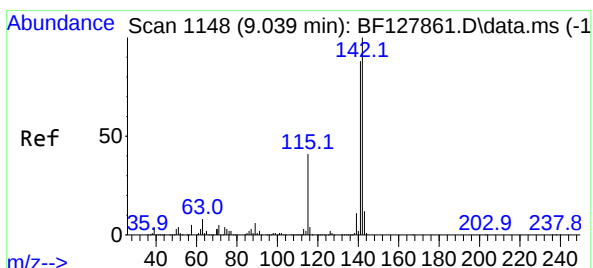
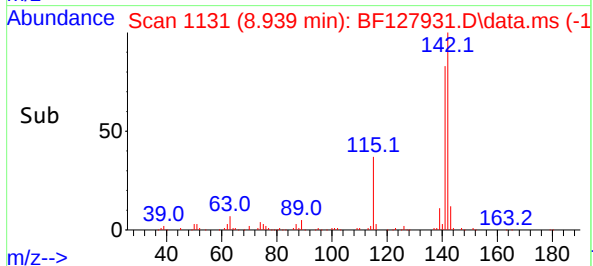
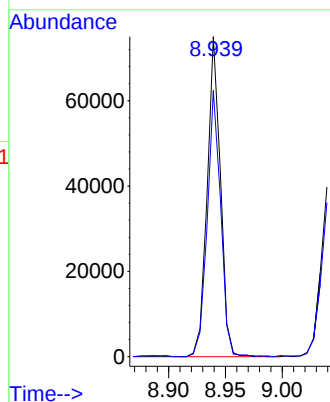
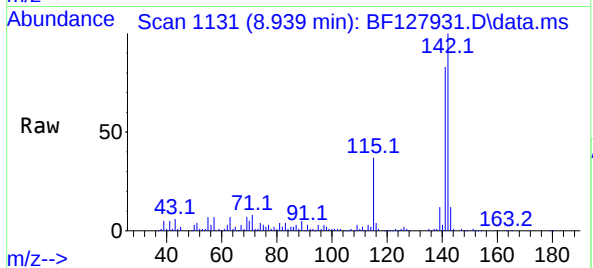
141 83.2 67.4 101.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#38

1-Methylnaphthalene

Concen: 2.130 ng

RT: 9.039 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF127931.D

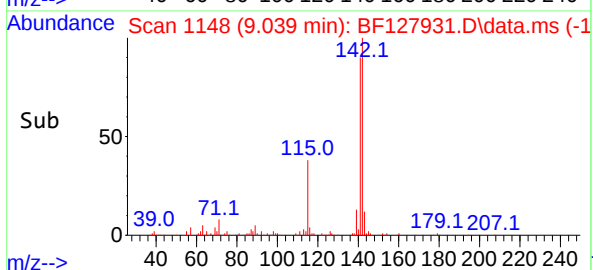
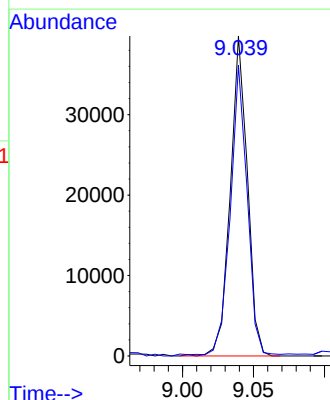
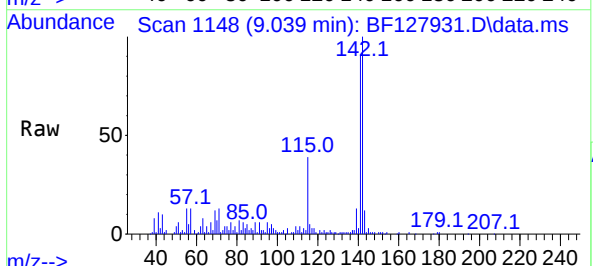
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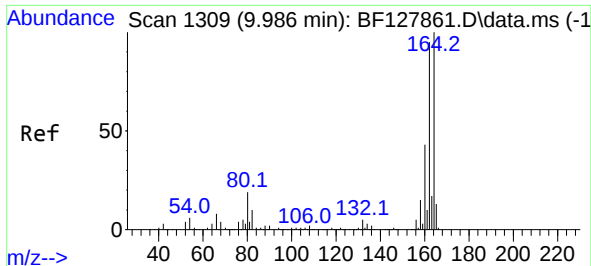
Tgt Ion:142 Resp: 33210

Ion Ratio Lower Upper

142 100

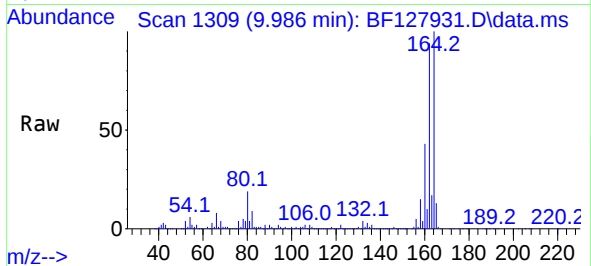
141 90.9 70.1 105.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

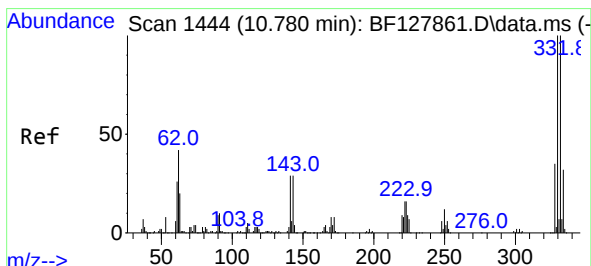
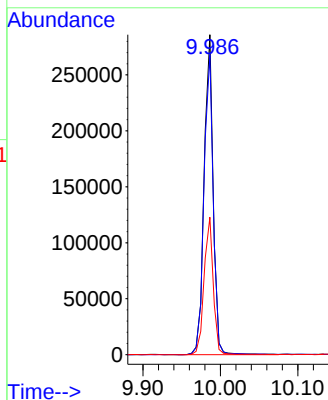
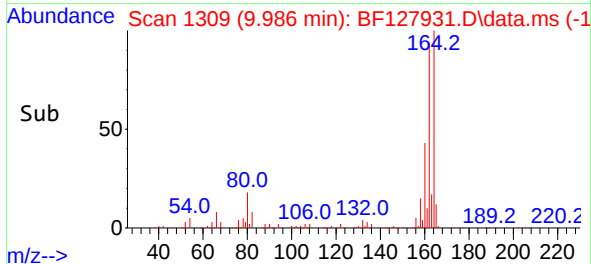
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ClientSampleId :
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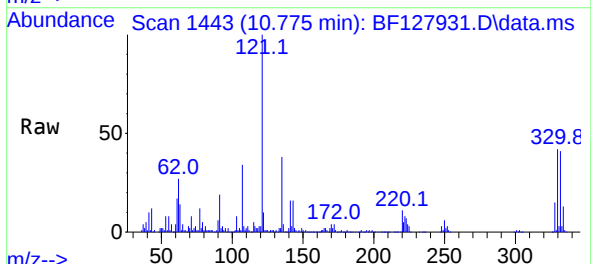
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Ion Ratio Lower Upper
164 100
162 93.8 76.0 114.0
160 42.9 34.8 52.2

Manual Integrations
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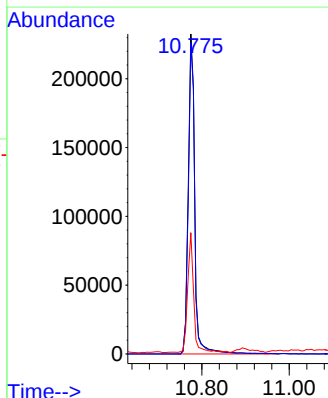
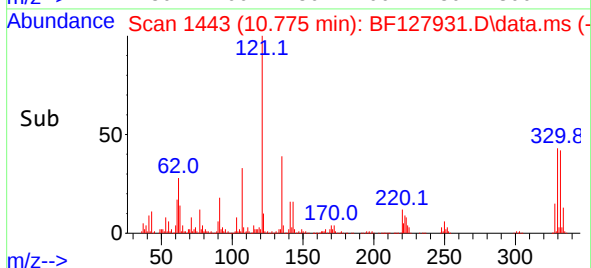
Reviewed By :Christian Giraldo 04/27/2022
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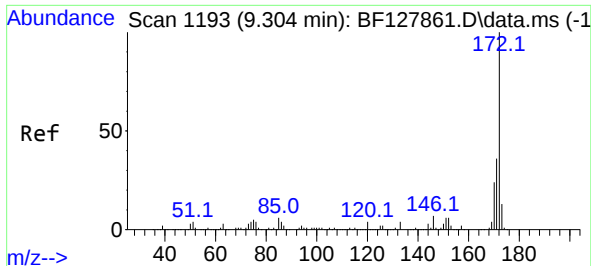


#42
2,4,6-Tribromophenol
Concen: 101.777 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



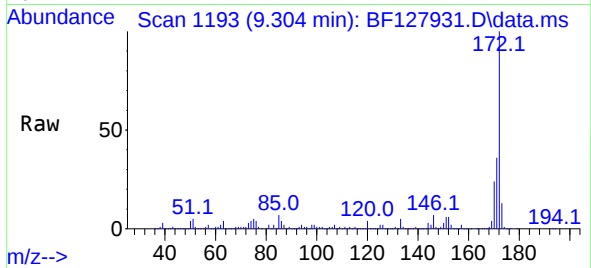
Tgt Ion:330 Resp: 237998
Ion Ratio Lower Upper
330 100
332 95.2 79.0 118.4
141 34.9 28.9 43.3





#45
2-Fluorobiphenyl
Concen: 98.952 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

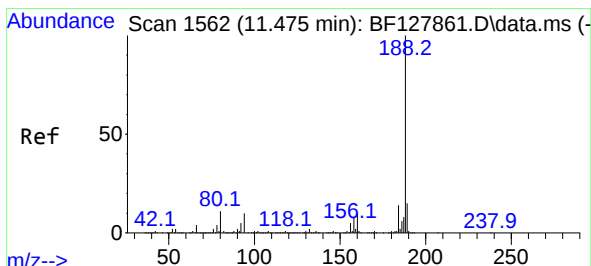
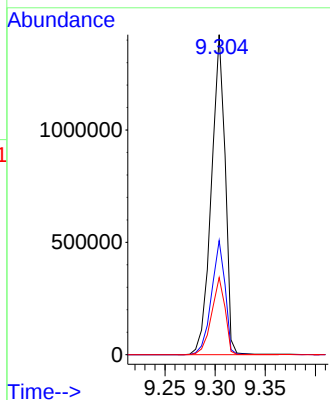
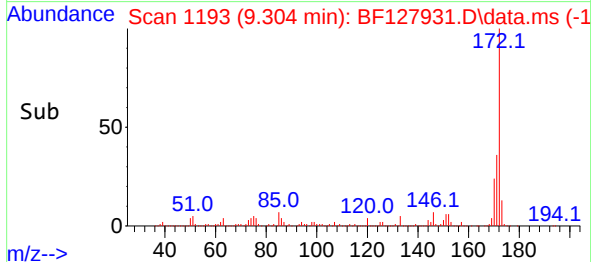
Instrument :
BNA_F
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C1



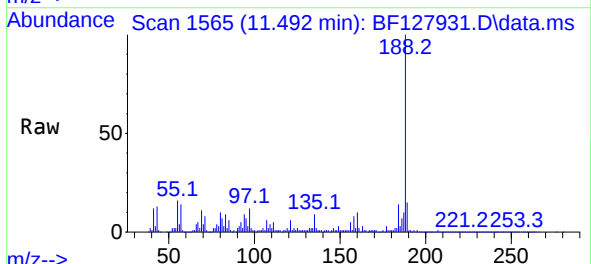
Tgt Ion:172 Resp: 1358720
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.1 19.1 28.7

Manual Integrations
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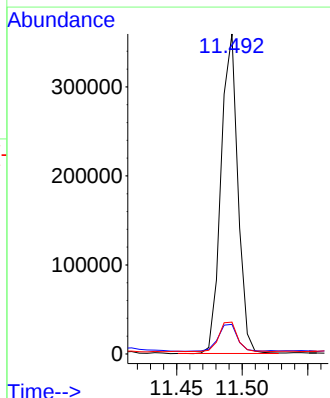
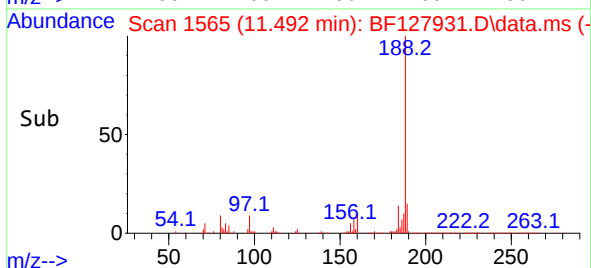
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

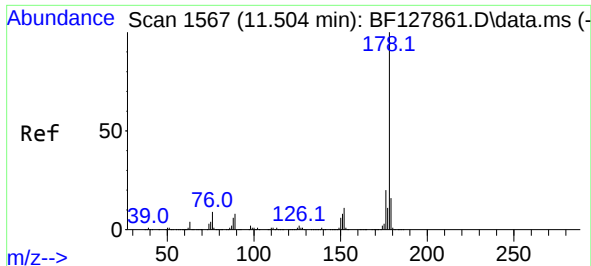


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.018 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



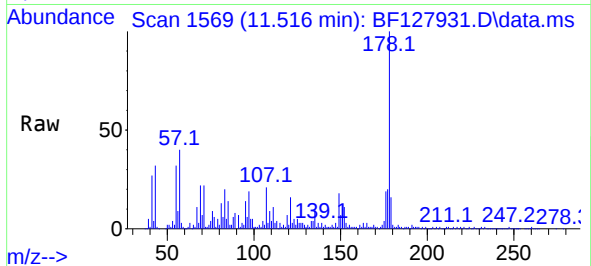
Tgt Ion:188 Resp: 320775
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.9 8.9 13.3





#71
Phenanthrene
Concen: 9.694 ng
RT: 11.516 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

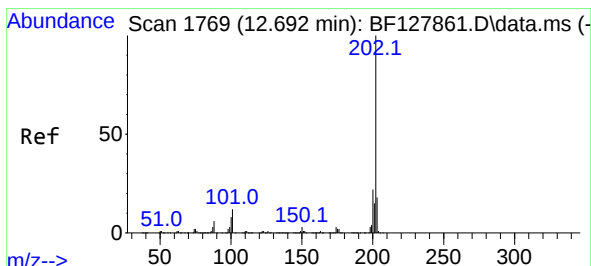
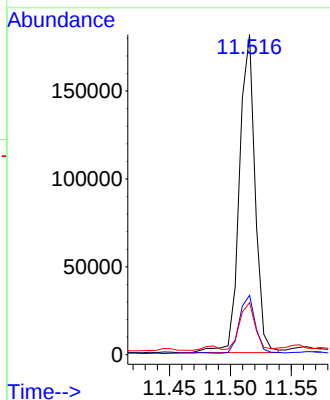
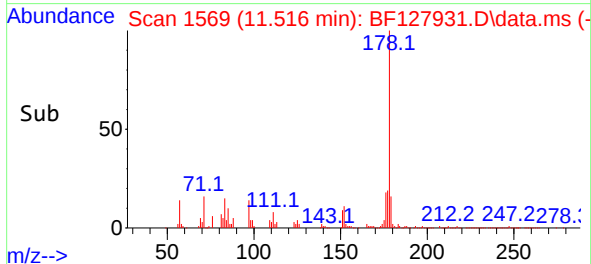
Instrument :
BNA_F
ClientSampleId :
C1



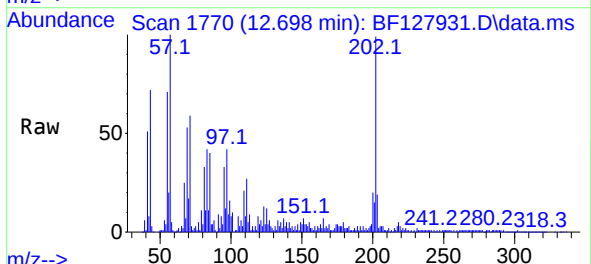
Tgt Ion:178 Resp: 16276
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 16.3 12.6 19.0

Manual Integrations
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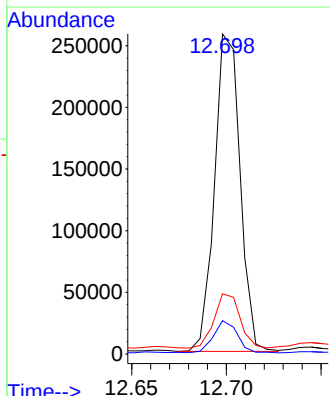
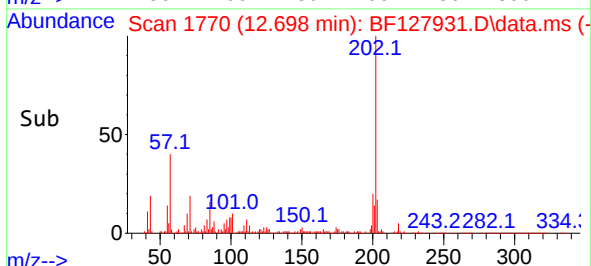
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

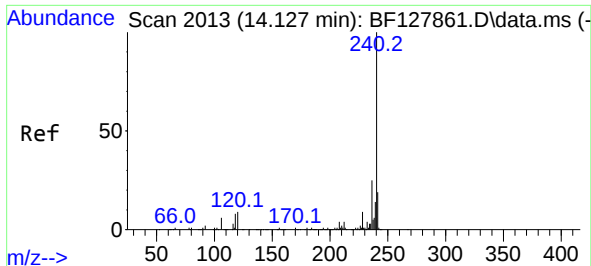


#75
Fluoranthene
Concen: 13.686 ng
RT: 12.698 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



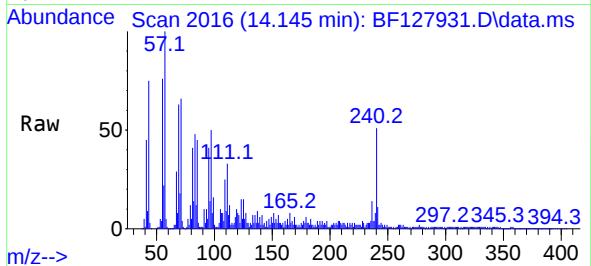
Tgt Ion:202 Resp: 241856
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.6
203 18.8 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2013
Delta R.T. 0.018 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

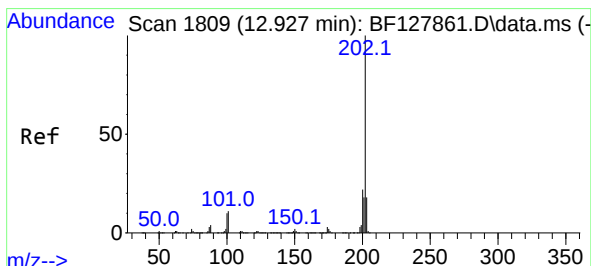
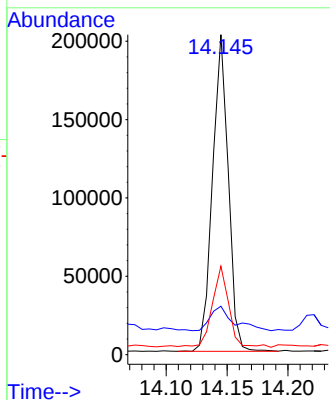
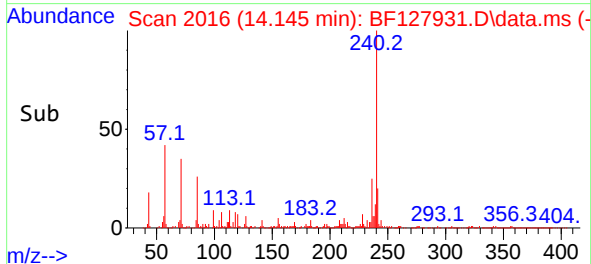
Instrument :
BNA_F
ClientSampleId :
C1



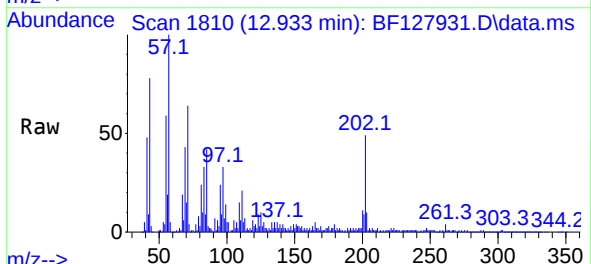
Tgt Ion:240 Resp: 182020
Ion Ratio Lower Upper
240 100
120 15.2 7.0 10.6
236 27.7 20.3 30.5

Manual Integrations
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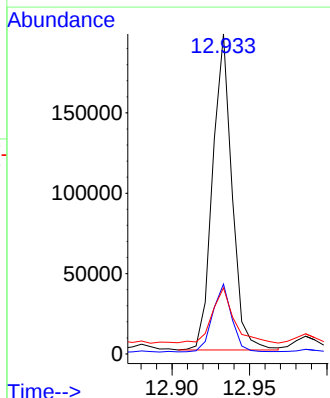
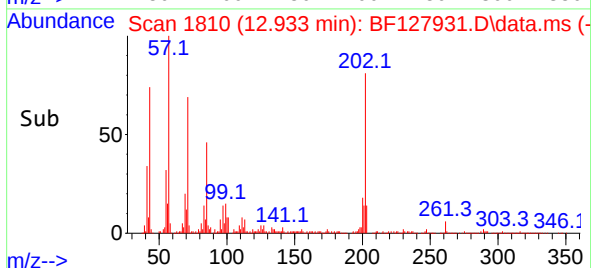
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

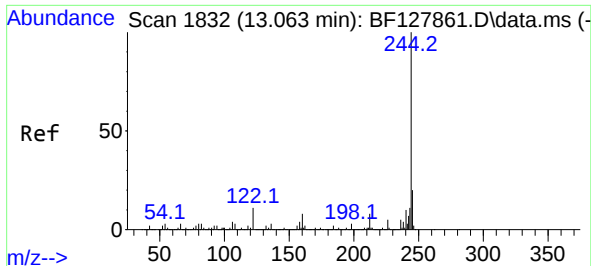


#78
Pyrene
Concen: 11.632 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



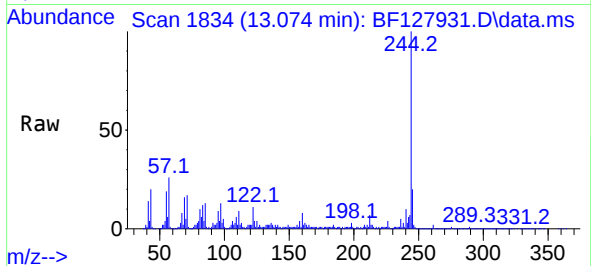
Tgt Ion:202 Resp: 170920
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 20.6 14.0 21.0





#79
Terphenyl-d14
Concen: 98.855 ng
RT: 13.074 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

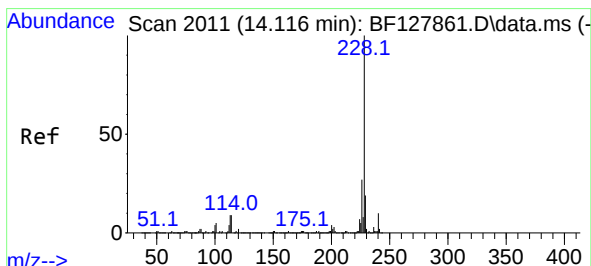
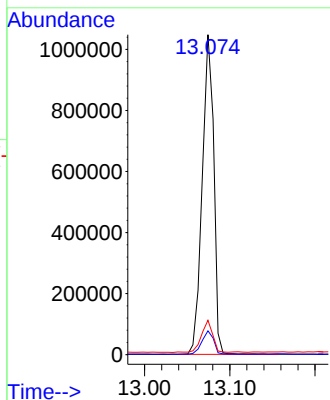
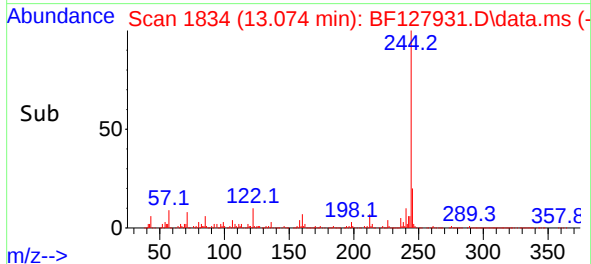
Instrument :
BNA_F
ClientSampleId :
C1



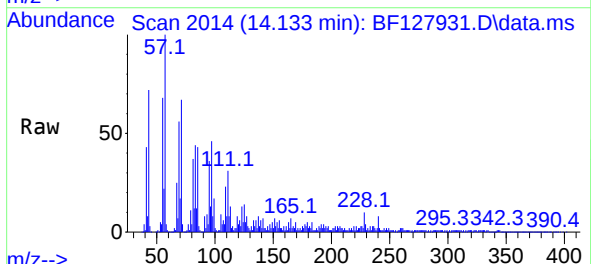
Tgt Ion:244 Resp: 98403
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 10.8 8.6 12.8

Manual Integrations
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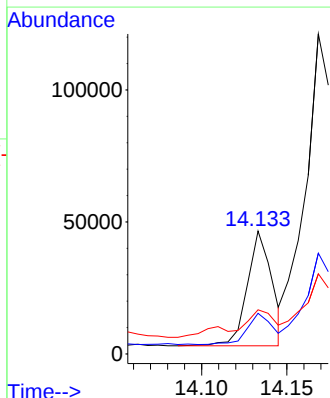
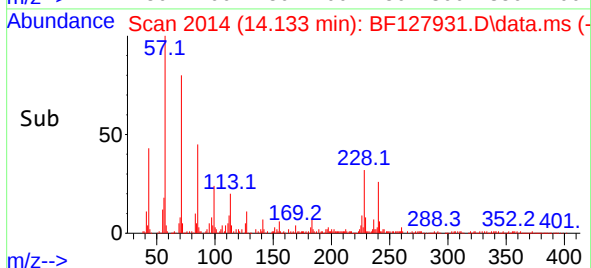
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

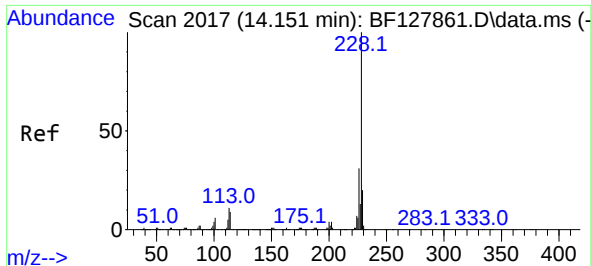


#81
Benzo(a)anthracene
Concen: 3.597 ng
RT: 14.133 min Scan# 2014
Delta R.T. 0.018 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



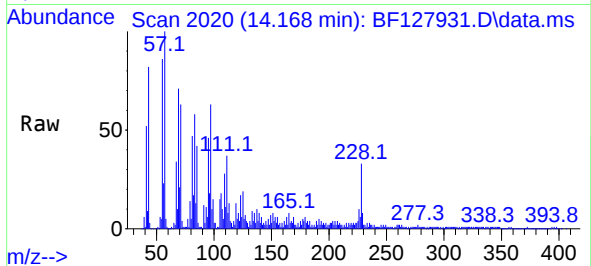
Tgt Ion:228 Resp: 43634
Ion Ratio Lower Upper
228 100
226 33.0 21.7 32.5#
229 35.9 15.4 23.2#





#83
Chrysene
Concen: 11.444 ng
RT: 14.168 min Scan# 2017
Delta R.T. 0.018 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

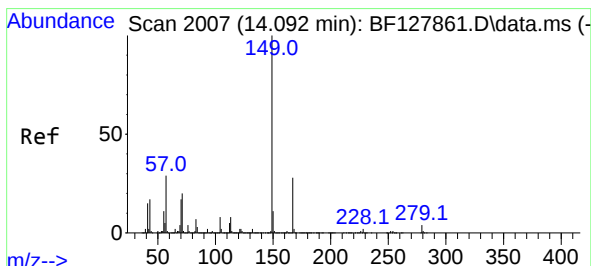
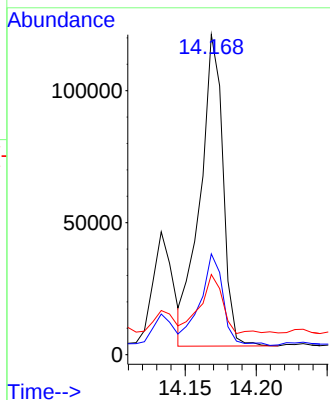
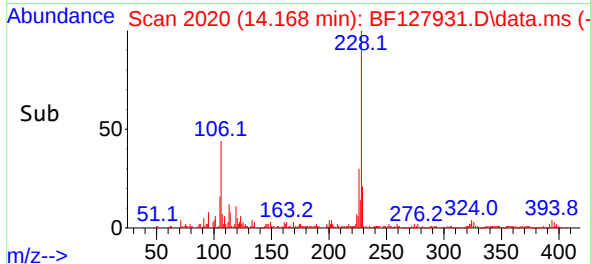
Instrument :
BNA_F
ClientSampleId :
C1



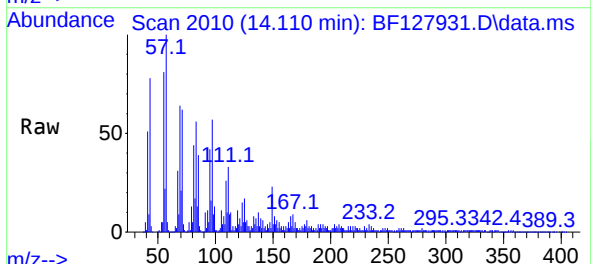
Tgt Ion:228 Resp: 132598
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 25.1 15.8 23.8

Manual Integrations
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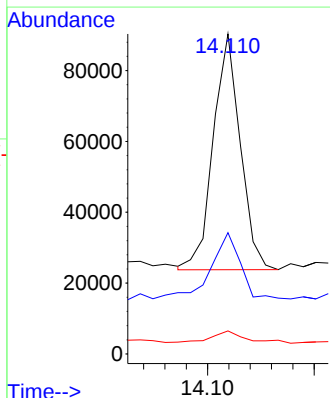
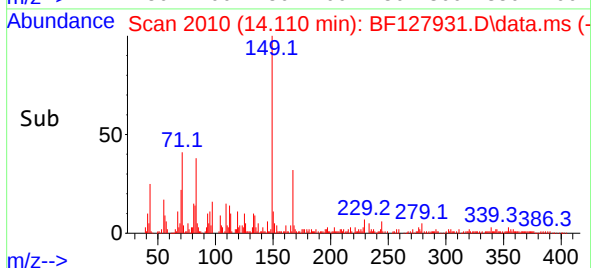
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

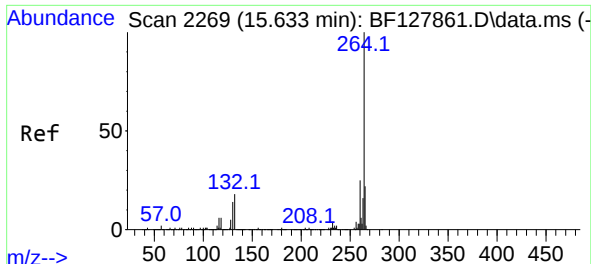


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.683 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



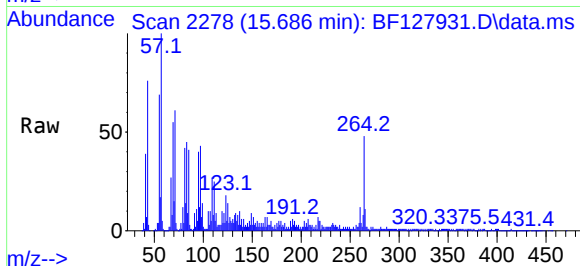
Tgt Ion:149 Resp: 58676
Ion Ratio Lower Upper
149 100
167 37.9 22.0 33.0#
279 7.2 3.4 5.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

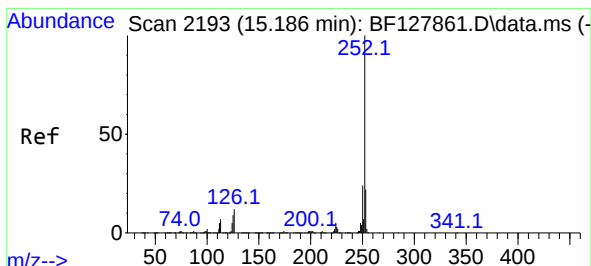
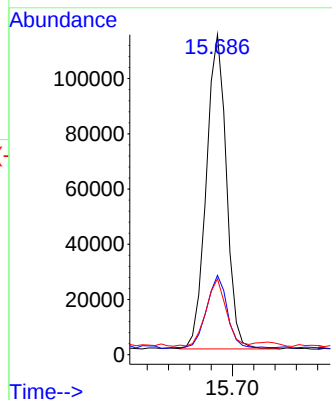
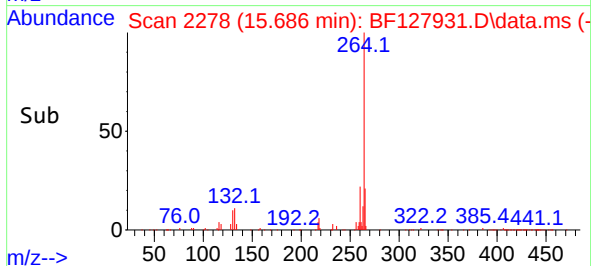
Instrument :
BNA_F
ClientSampleId :
C1



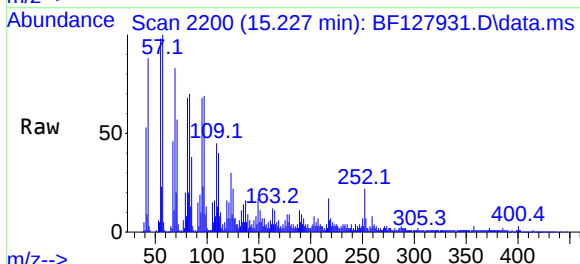
Tgt Ion:264 Resp: 14955
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 23.7 17.5 26.3

Manual Integrations
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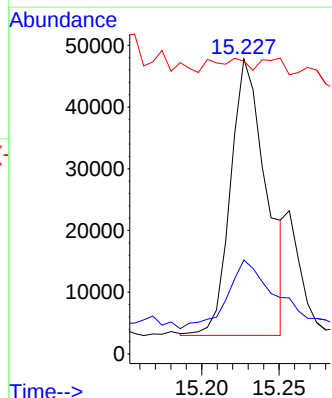
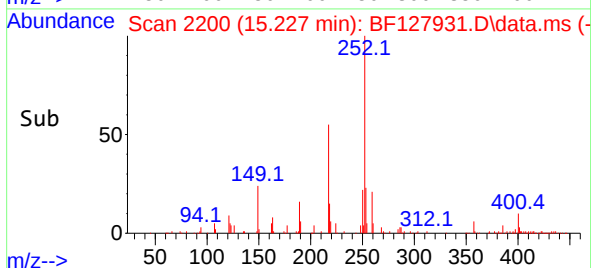
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

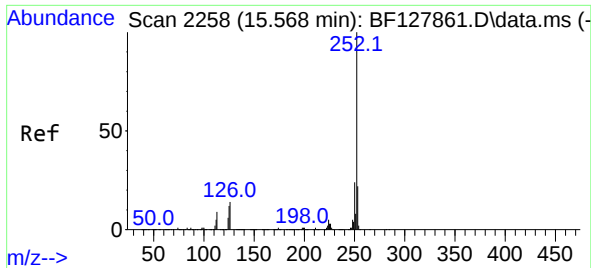


#88
Benzo(b)fluoranthene
Concen: 7.668 ng m
RT: 15.227 min Scan# 2200
Delta R.T. 0.041 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03



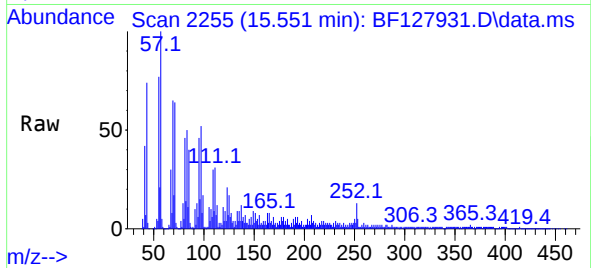
Tgt Ion:252 Resp: 72029
Ion Ratio Lower Upper
252 100
253 31.9 17.4 26.2#
125 99.3 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 4.548 ng m
RT: 15.551 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF127931.D
Acq: 27 Apr 2022 00:03

Instrument :
BNA_F
ClientSampleId :
C1



Tgt Ion:252 Resp: 35438
Ion Ratio Lower Upper
252 100
253 35.0 17.8 26.6
125 129.6 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

