

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127412.D
 Acq On : 19 Mar 2022 01:11
 Operator : CG\JU
 Sample : N1979-01DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4743DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/21/2022

Quant Time: Mar 19 01:54:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	43162	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	154067	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	127382	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	271039	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	118138	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	118379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	53462	19.912	ng	-0.01
7) Phenol-d6	6.487	99	74153	20.076	ng	-0.01
23) Nitrobenzene-d5	7.416	82	54644	14.647	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	34384	25.075	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	104558	11.605	ng	-0.01
79) Terphenyl-d14	12.968	244	162177	23.638	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.851	142	17430	3.246	ng	92
38) 1-Methylnaphthalene	8.951	142	11422	2.212	ng	100
52) Acenaphthene	9.927	154	100439	14.712	ng	95
55) Dibenzofuran	10.098	168	82473	7.776	ng	97
58) Fluorene	10.445	166	97078	11.804	ng	99
71) Phenanthrene	11.416	178	472928	33.054	ng	99
72) Anthracene	11.463	178	74979	5.292	ng	98
75) Fluoranthene	12.604	202	393065	24.570	ng	92
78) Pyrene	12.833	202	255147	27.728	ng	100
81) Benzo(a)anthracene	14.021	228	42485	5.341	ng	98
83) Chrysene	14.057	228	33962	4.590	ng	95
88) Benzo(b)fluoranthene	15.080	252	24335m	3.132	ng	
90) Benzo(a)pyrene	15.457	252	12779m	2.088	ng	

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

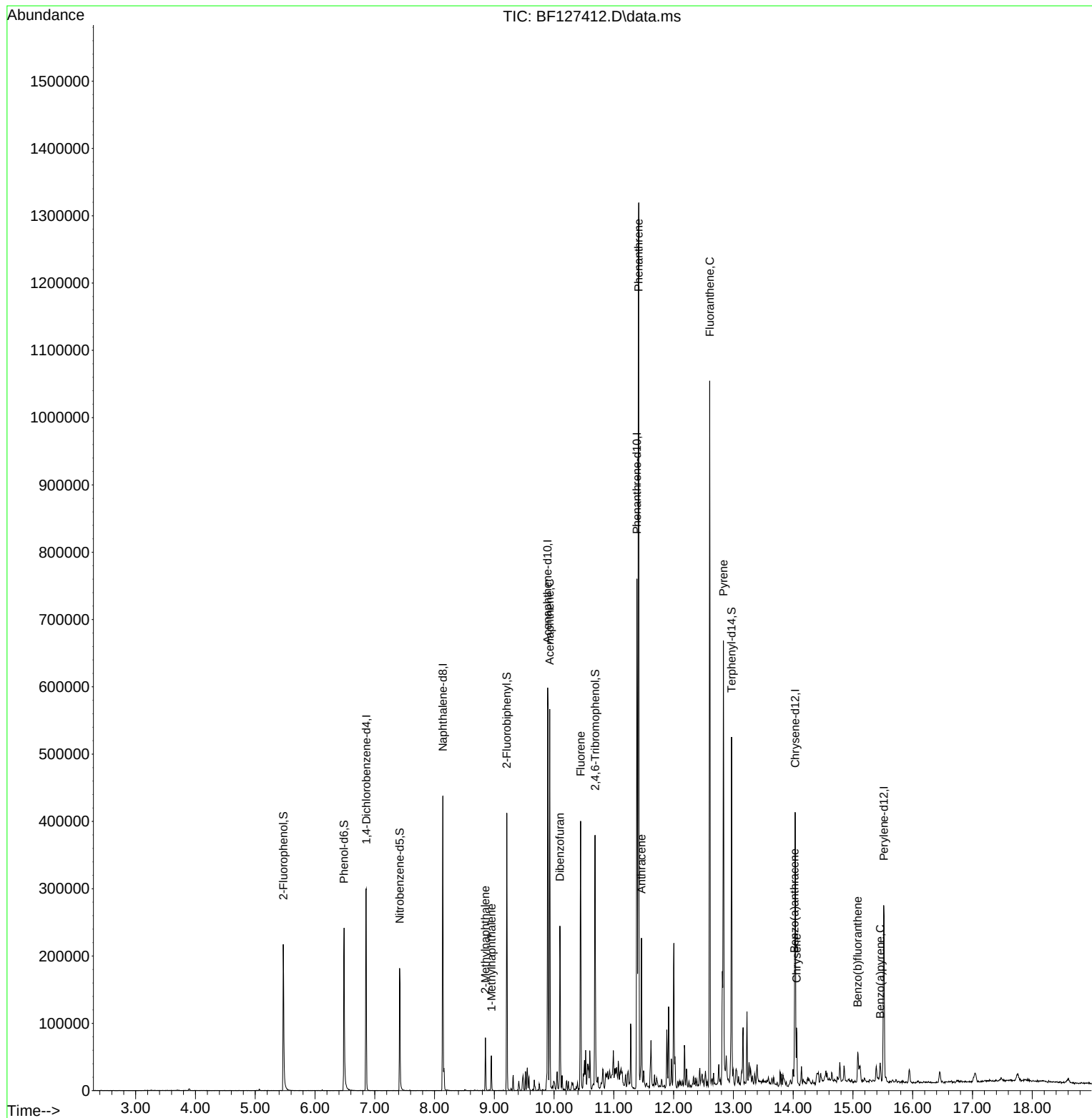
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127412.D
Acq On : 19 Mar 2022 01:11
Operator : CG\JU
Sample : N1979-01DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

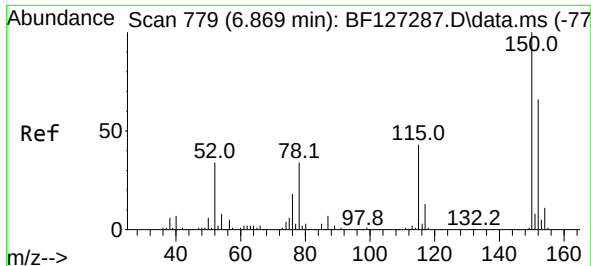
Instrument :
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Quant Time: Mar 19 01:54:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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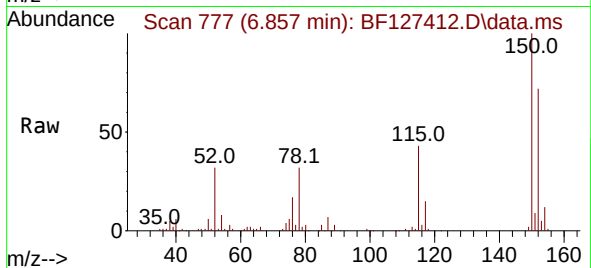
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

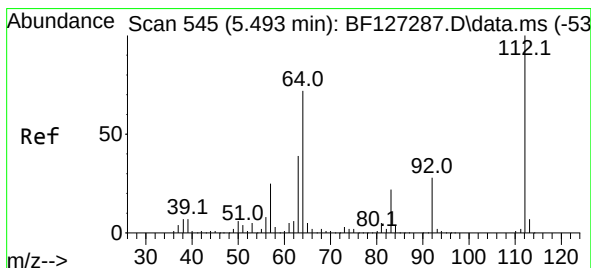
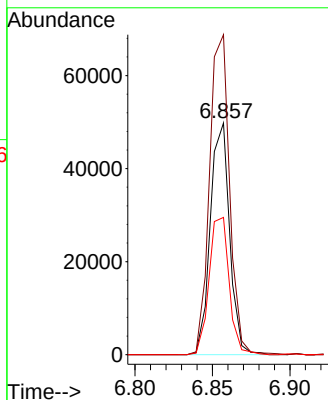
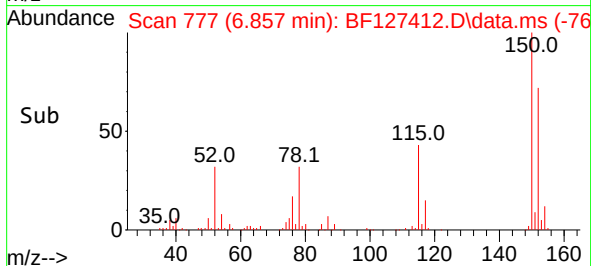
Instrument :
BNA_F
ClientSampleId :
RT4743DL



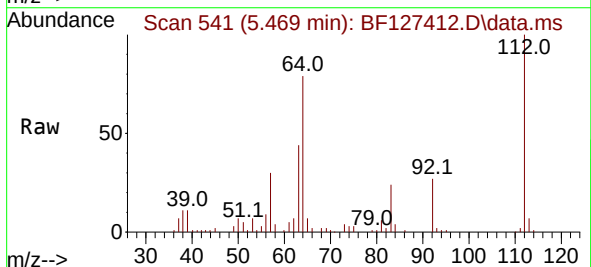
Tgt Ion:152 Resp: 43162
Ion Ratio Lower Upper
152 100
150 138.1 128.1 192.1
115 59.2 56.7 85.1

Manual Integrations
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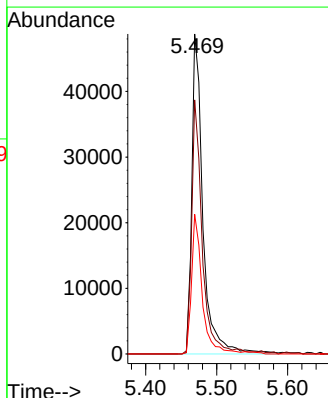
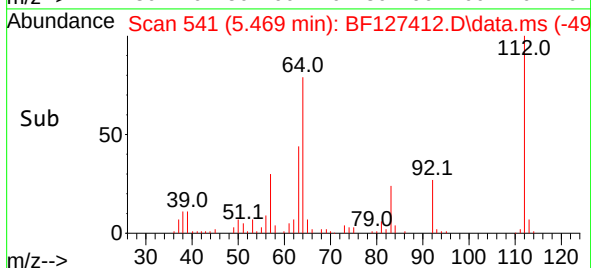
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

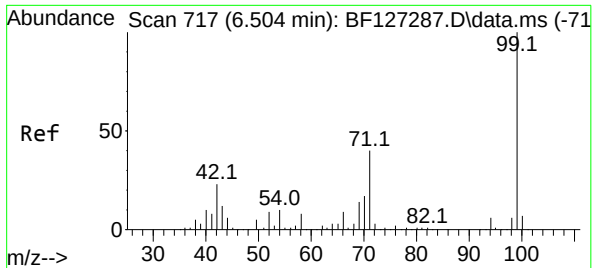


#5
2-Fluorophenol
Concen: 19.912 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11



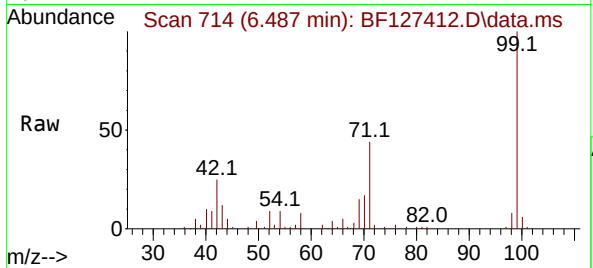
Tgt Ion:112 Resp: 53462
Ion Ratio Lower Upper
112 100
64 79.4 49.5 74.3#
63 43.7 23.9 35.9#





#7
Phenol-d6
Concen: 20.076 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

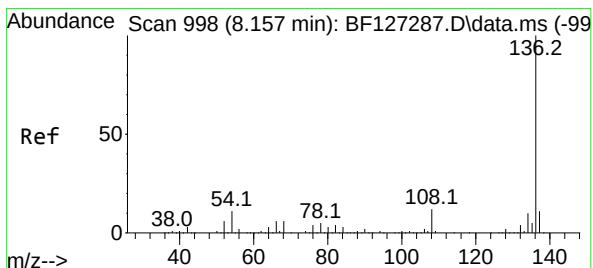
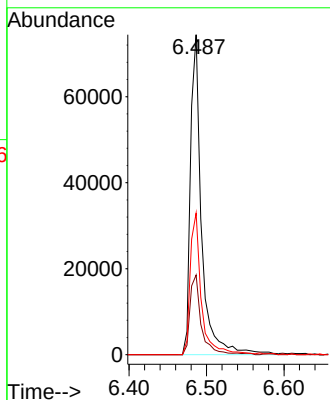
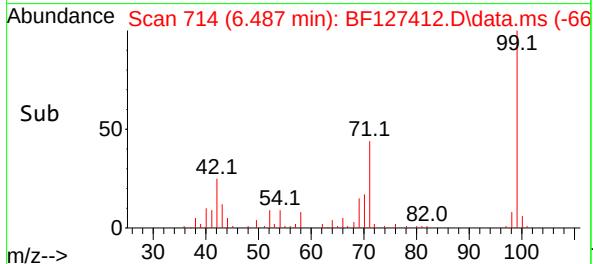
Instrument :
BNA_F
ClientSampleId :
RT4743DL



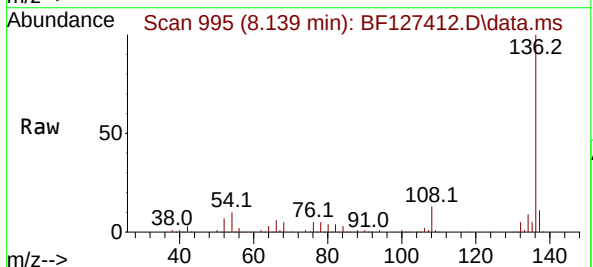
Tgt Ion: 99 Resp: 7415
Ion Ratio Lower Upper
99 100
42 24.9 14.2 21.4
71 44.2 24.3 36.5

Manual Integrations
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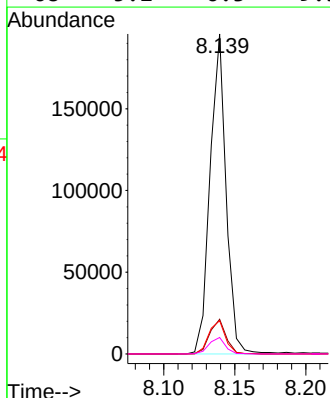
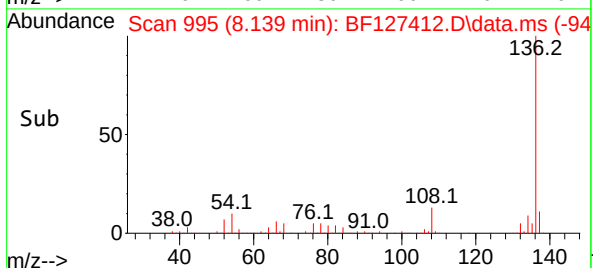
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

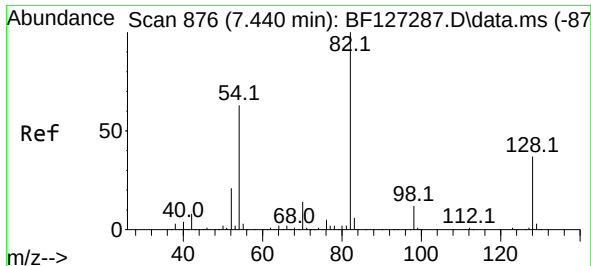


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11



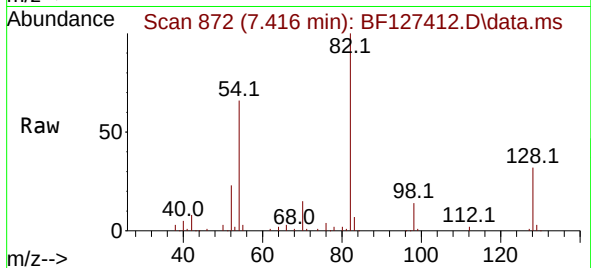
Tgt Ion:136 Resp: 154067
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 7.8 11.6
68 5.2 6.3 9.5





#23
Nitrobenzene-d5
Concen: 14.647 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

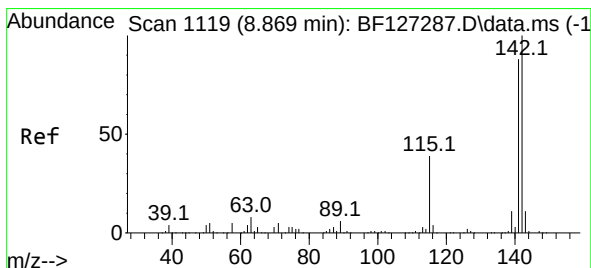
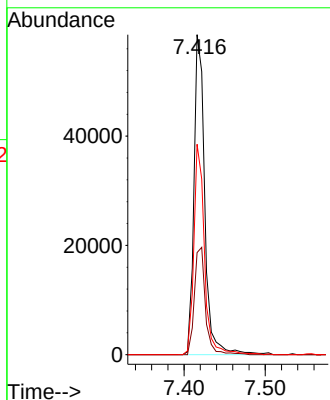
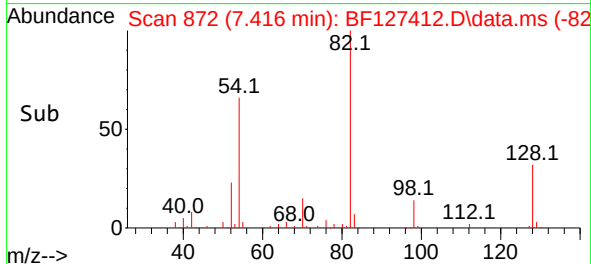
Instrument :
BNA_F
ClientSampleId :
RT4743DL



Tgt Ion: 82 Resp: 54644
Ion Ratio Lower Upper
82 100
128 31.9 32.7 49.1
54 65.8 41.7 62.5

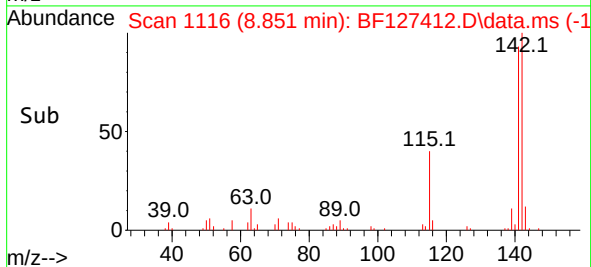
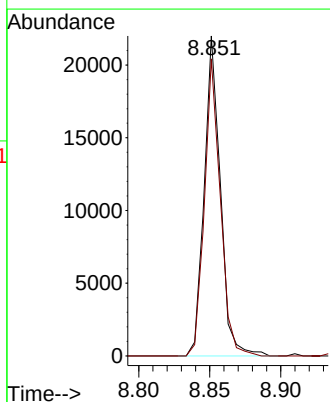
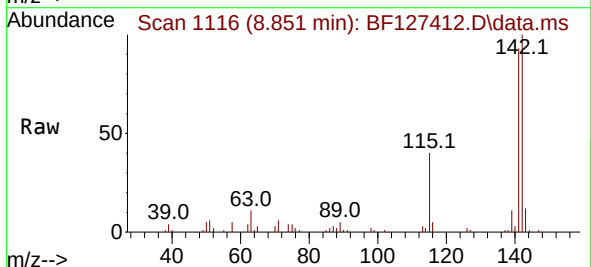
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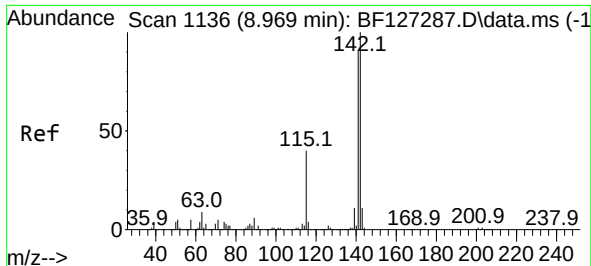
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#37
2-Methylnaphthalene
Concen: 3.246 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Tgt Ion:142 Resp: 17430
Ion Ratio Lower Upper
142 100
141 92.8 68.6 102.8





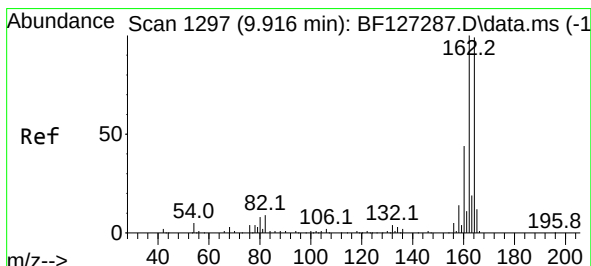
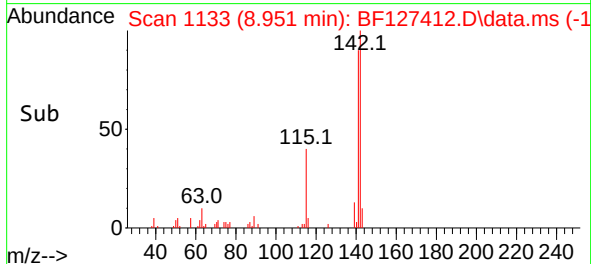
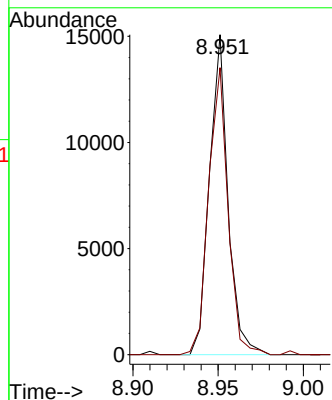
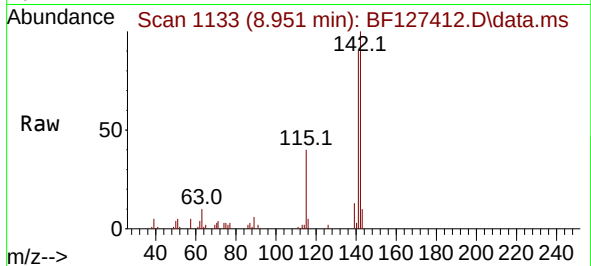
#38
1-Methylnaphthalene
Concen: 2.212 ng
RT: 8.951 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Instrument :
BNA_F
ClientSampleId :
RT4743DL

Tgt Ion:142 Resp: 1142
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1

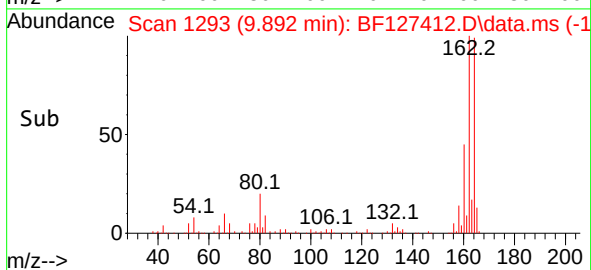
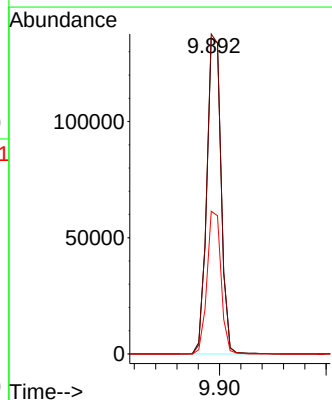
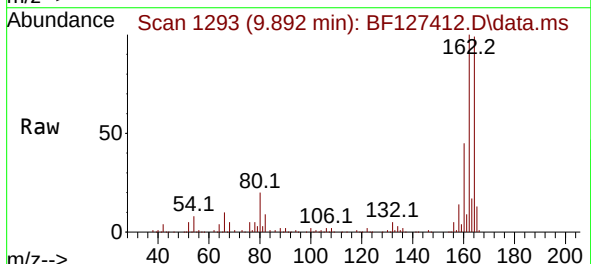
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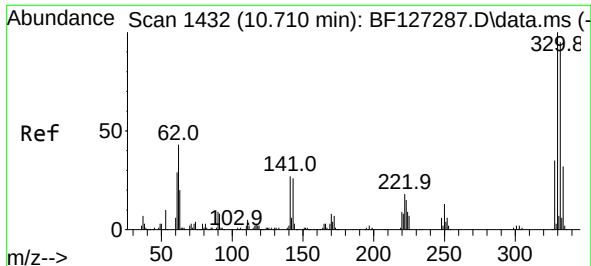
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

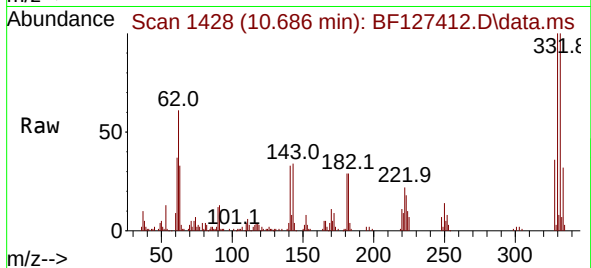
Tgt Ion:164 Resp: 127382
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.2 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 25.075 ng
RT: 10.686 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

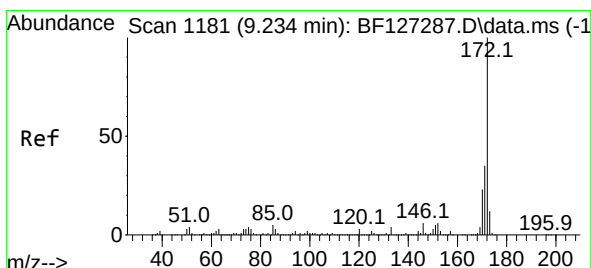
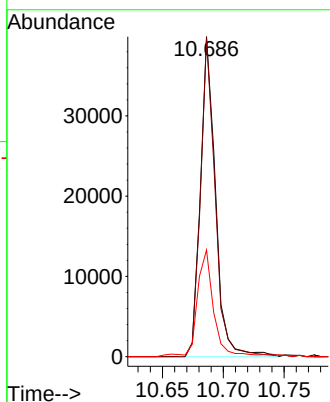
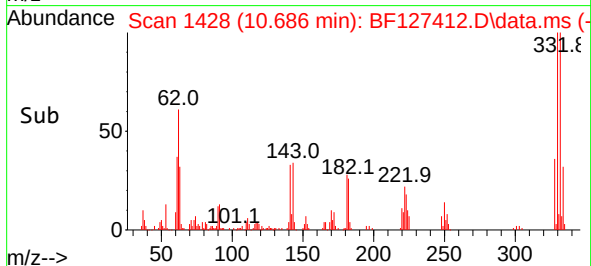
Instrument :
BNA_F
ClientSampleId :
RT4743DL



Tgt Ion: 330 Resp: 34384
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 36.9 30.1 45.1

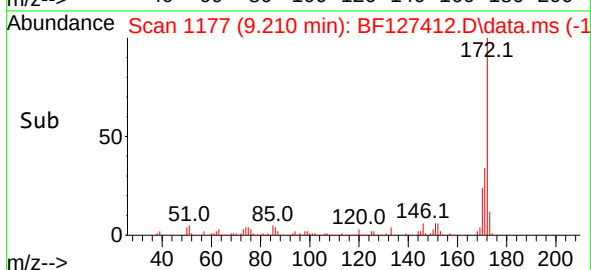
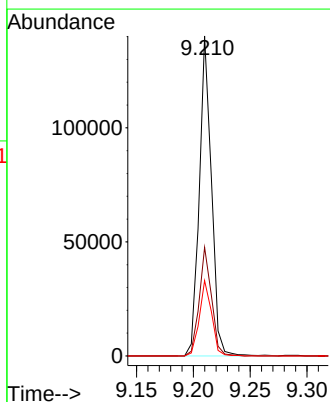
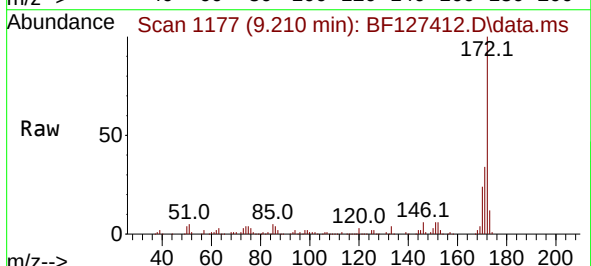
Manual Integrations
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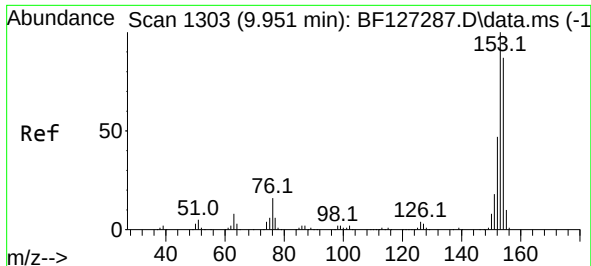
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/21/2022



#45
2-Fluorobiphenyl
Concen: 11.605 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

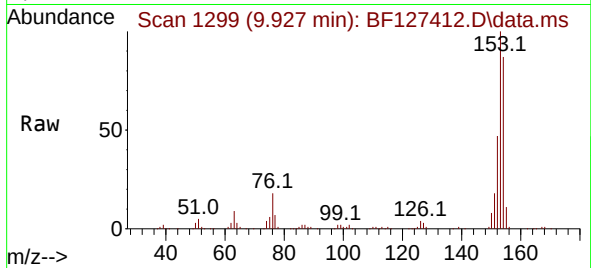
Tgt Ion: 172 Resp: 104558
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 23.5 19.0 28.6





#52
Acenaphthene
Concen: 14.712 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

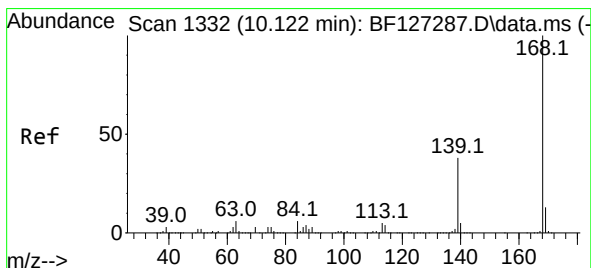
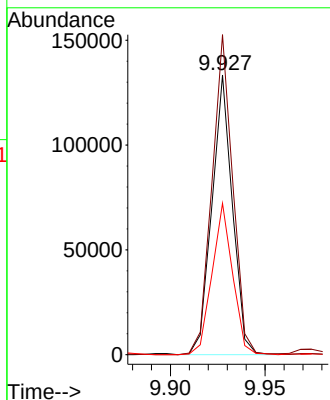
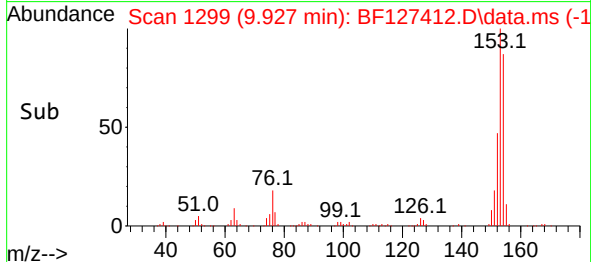
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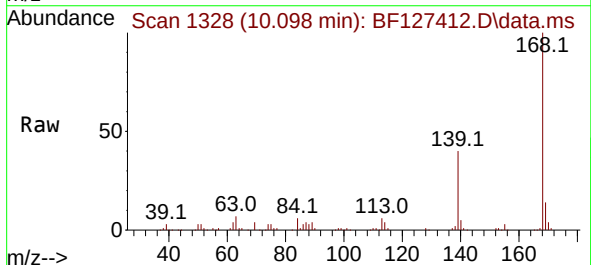
Tgt Ion:154 Resp: 100439
Ion Ratio Lower Upper
154 100
153 114.4 87.8 131.6
152 54.2 39.4 59.2

Manual Integrations
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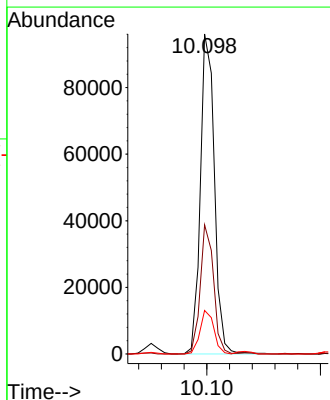
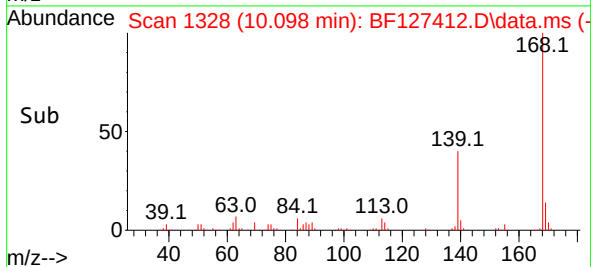
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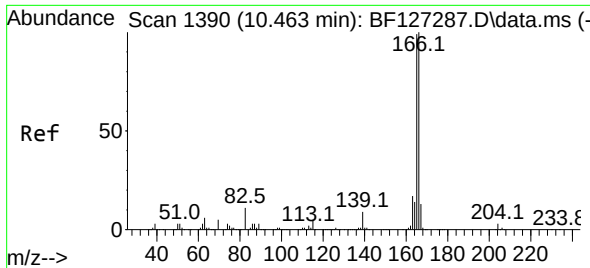


#55
Dibenzofuran
Concen: 7.776 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11



Tgt Ion:168 Resp: 82473
Ion Ratio Lower Upper
168 100
139 40.4 30.6 46.0
169 13.6 10.0 15.0





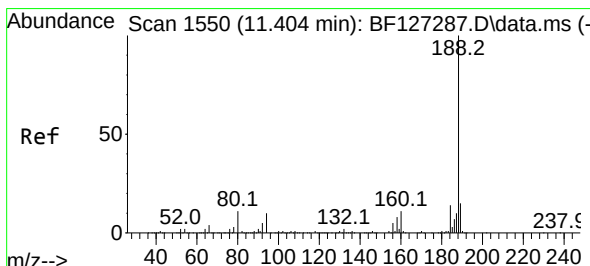
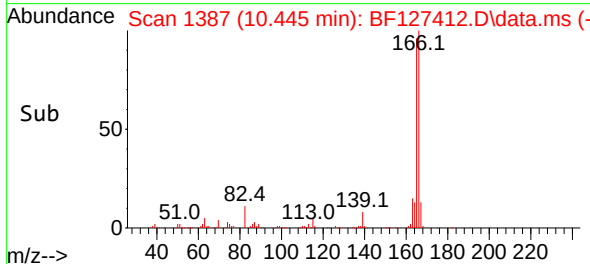
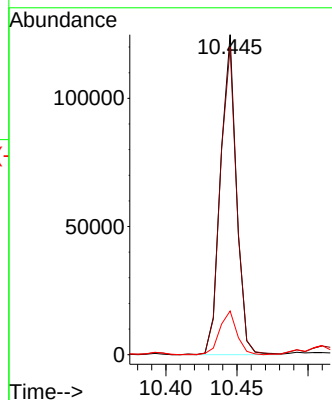
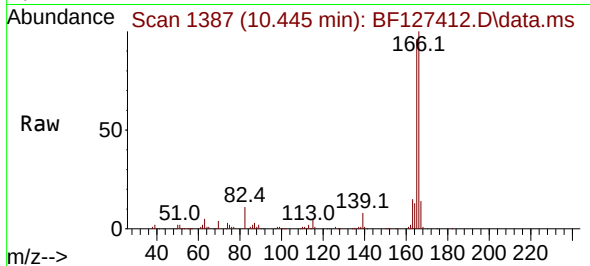
#58
Fluorene
Concen: 11.804 ng
RT: 10.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Instrument :
BNA_F
ClientSampleId :
RT4743DL

Tgt Ion:166 Resp: 97078
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.7 10.7 16.1

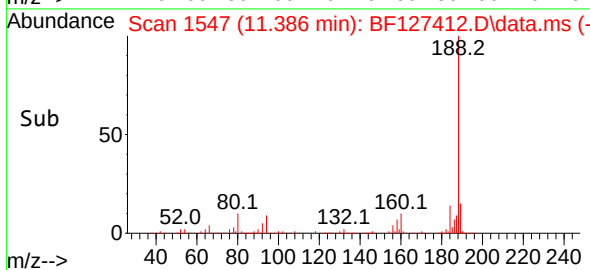
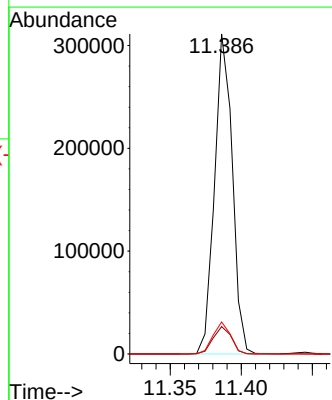
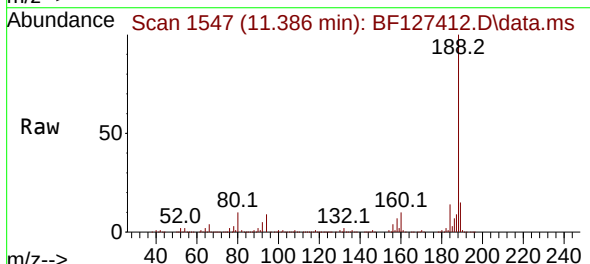
Manual Integrations
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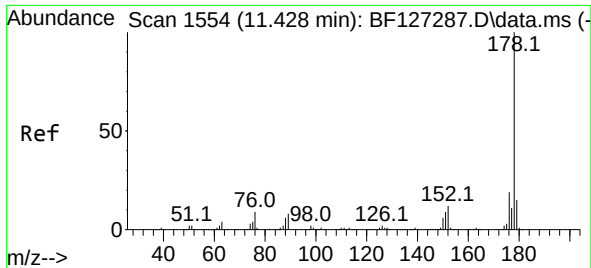
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

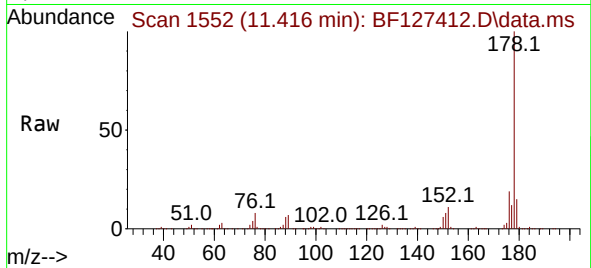
Tgt Ion:188 Resp: 271039
Ion Ratio Lower Upper
188 100
94 8.6 10.1 15.1#
80 10.0 11.8 17.6#





#71
Phenanthrene
Concen: 33.054 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

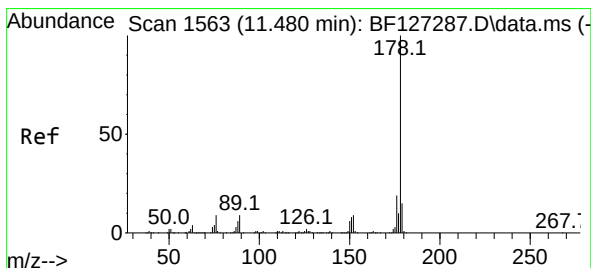
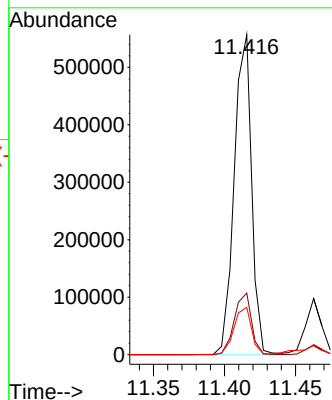
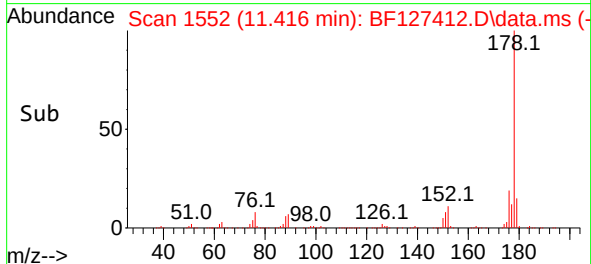
Instrument :
BNA_F
ClientSampleId :
RT4743DL



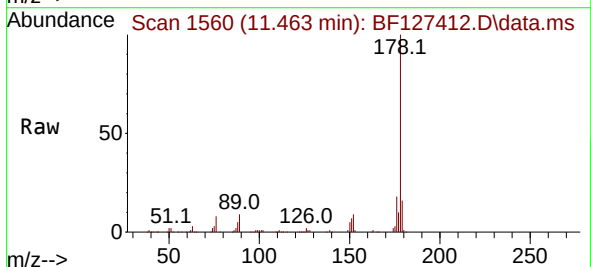
Tgt Ion:178 Resp: 472928
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.8 12.3 18.5

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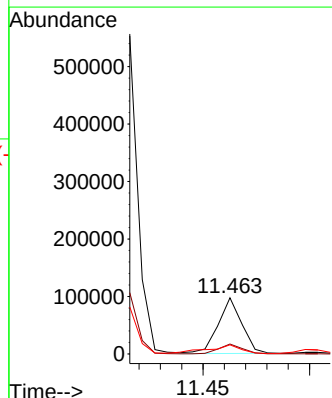
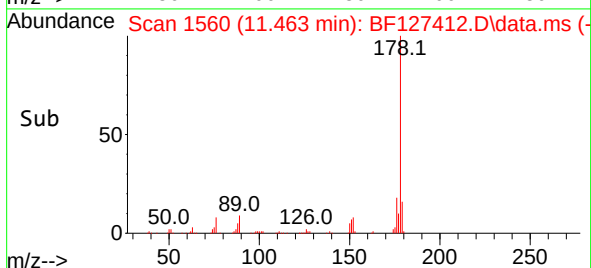
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

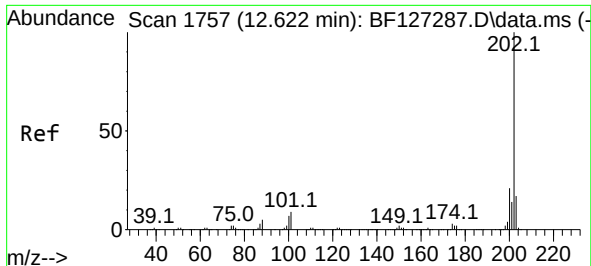


#72
Anthracene
Concen: 5.292 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11



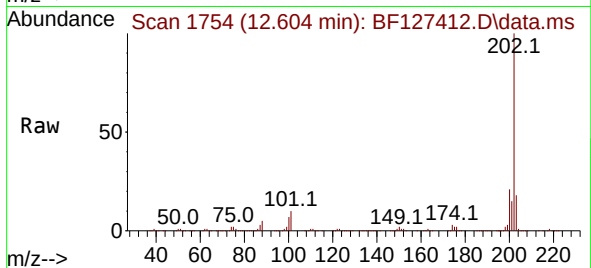
Tgt Ion:178 Resp: 74979
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 16.2 12.5 18.7





#75
Fluoranthene
Concen: 24.570 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

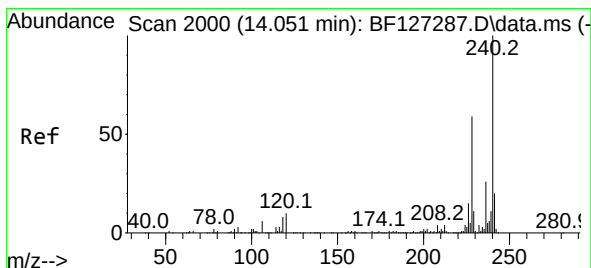
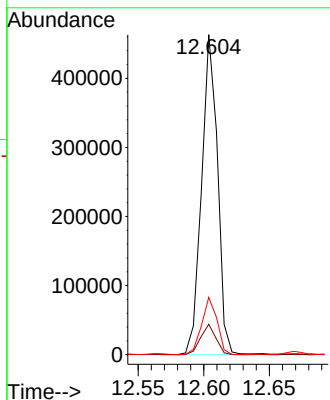
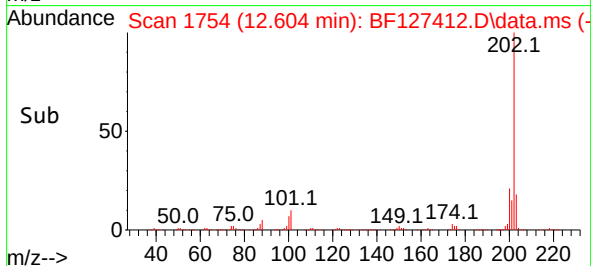
Instrument :
BNA_F
ClientSampleId :
RT4743DL



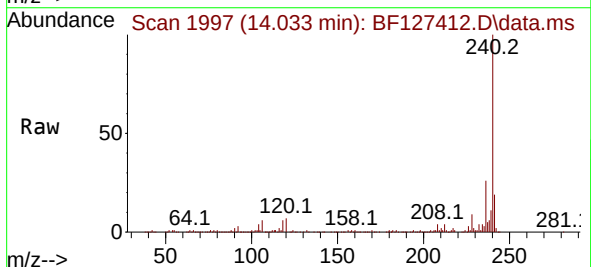
Tgt Ion:202 Resp: 39306
Ion Ratio Lower Upper
202 100
101 9.5 0.0 35.7
203 17.9 0.0 37.1

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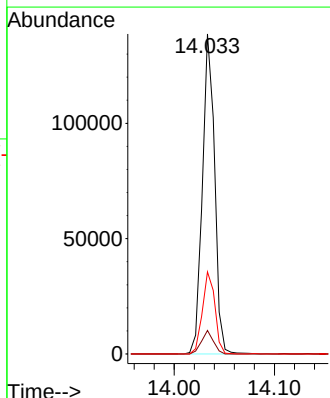
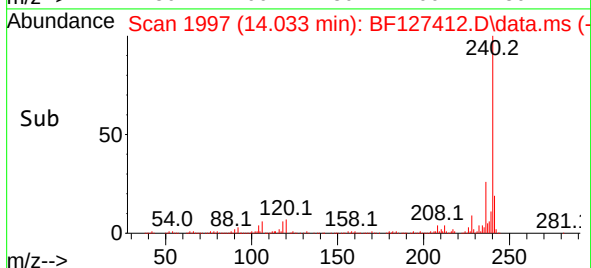
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

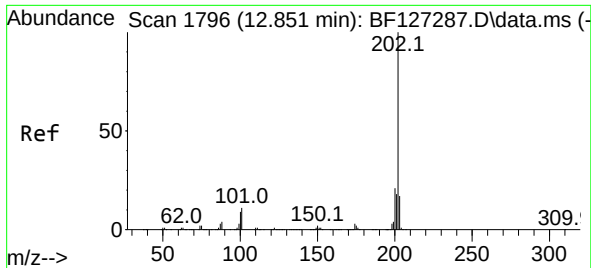


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11



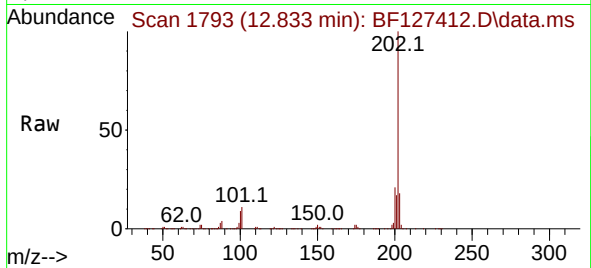
Tgt Ion:240 Resp: 118138
Ion Ratio Lower Upper
240 100
120 7.4 14.4 21.6#
236 25.7 20.5 30.7





#78
Pyrene
Concen: 27.728 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

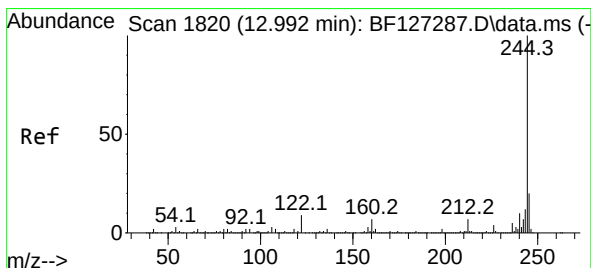
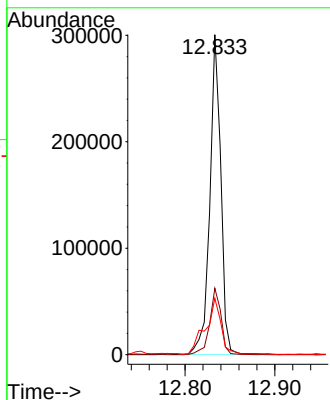
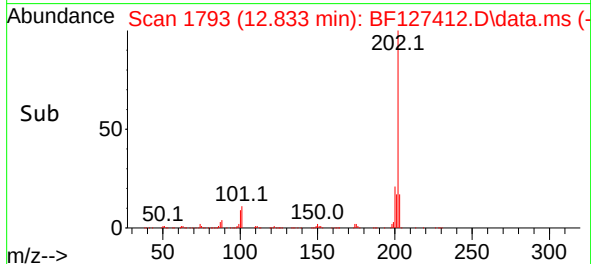
Instrument :
BNA_F
ClientSampleId :
RT4743DL



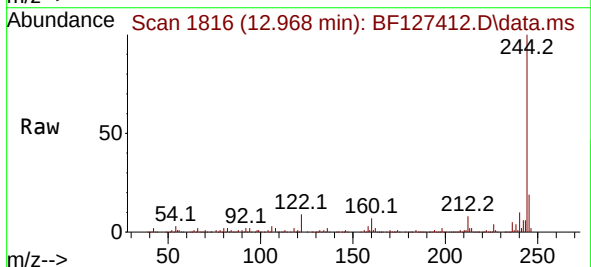
Tgt Ion:202 Resp: 25514
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.6 13.8 20.8

Manual Integrations
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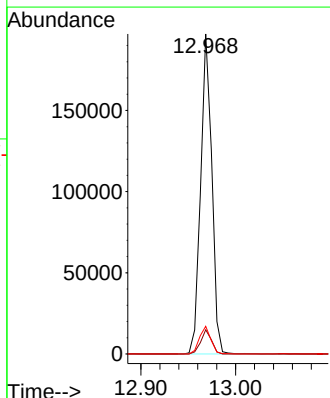
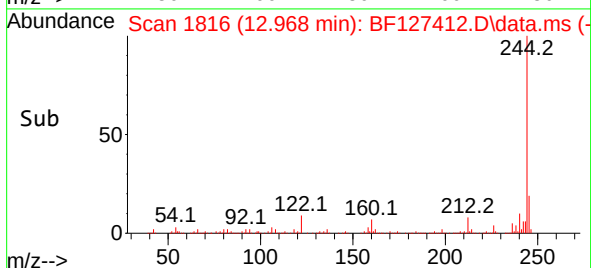
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

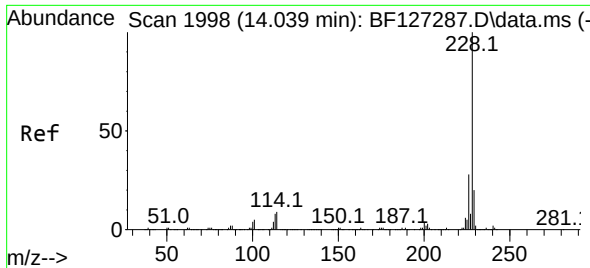


#79
Terphenyl-d14
Concen: 23.638 ng
RT: 12.968 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11



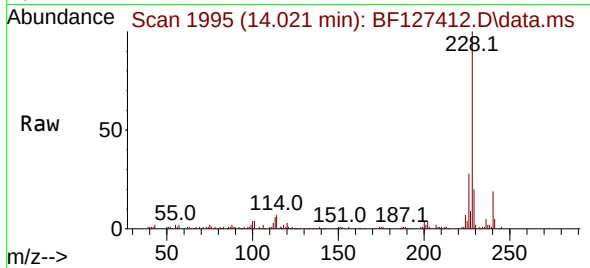
Tgt Ion:244 Resp: 162177
Ion Ratio Lower Upper
244 100
212 7.6 5.0 7.4#
122 8.7 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 5.341 ng
RT: 14.021 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

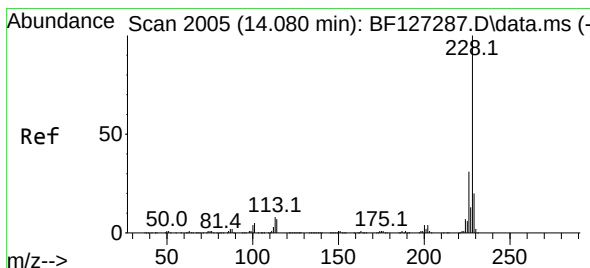
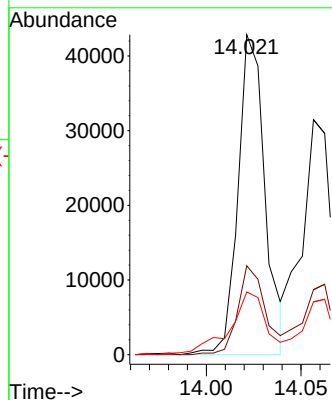
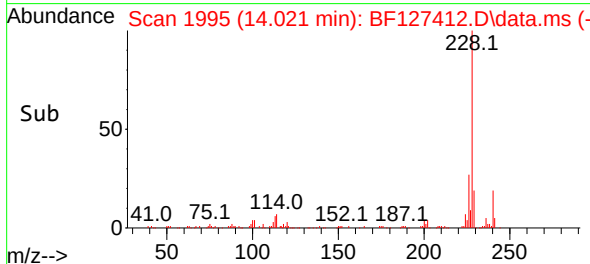
Instrument :
BNA_F
ClientSampleId :
RT4743DL



Tgt Ion:228 Resp: 42485
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 19.6 15.4 23.2

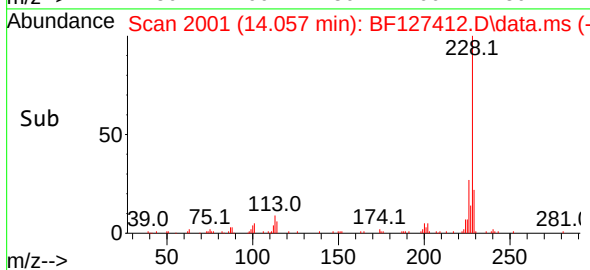
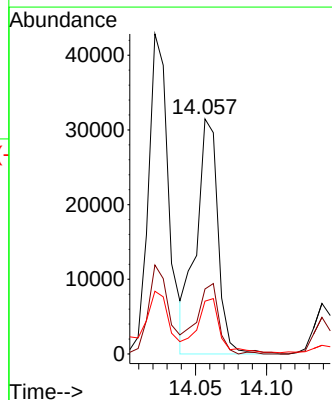
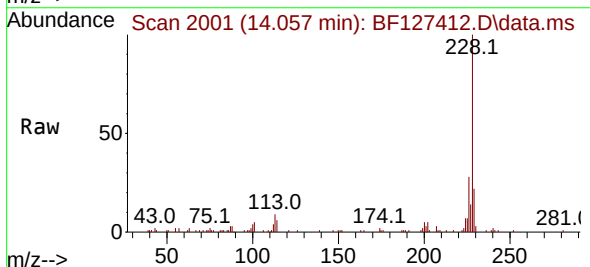
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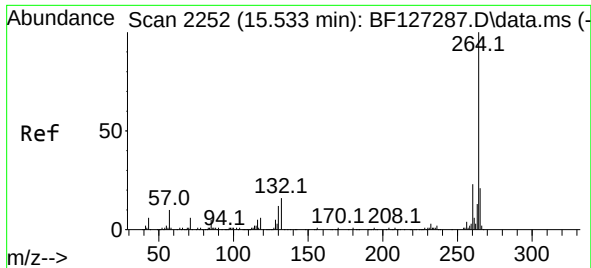
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#83
Chrysene
Concen: 4.590 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

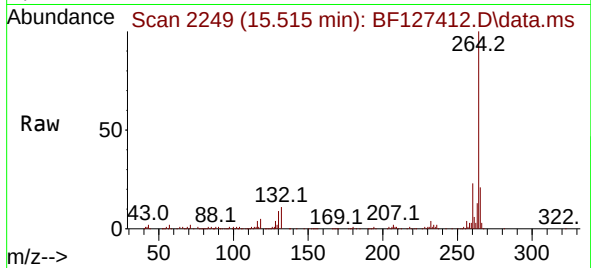
Tgt Ion:228 Resp: 33962
Ion Ratio Lower Upper
228 100
226 27.6 23.7 35.5
229 22.4 15.5 23.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127412.D
 Acq: 19 Mar 2022 01:11

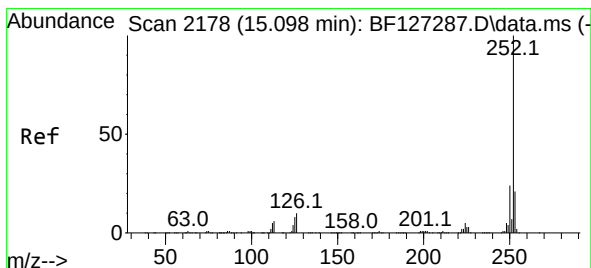
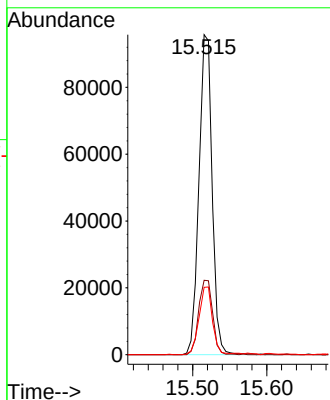
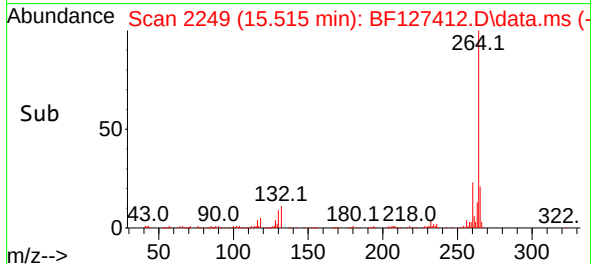
Instrument :
 BNA_F
 ClientSampleId :
 RT4743DL



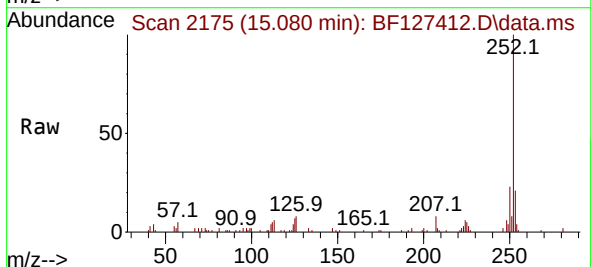
Tgt Ion:264 Resp: 118379
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.0 17.4 26.2

Manual Integrations
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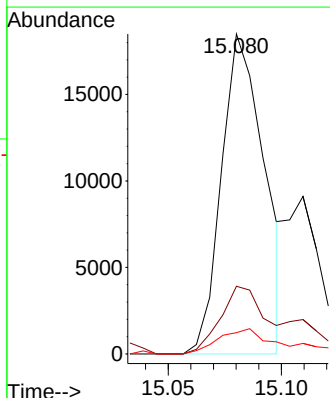
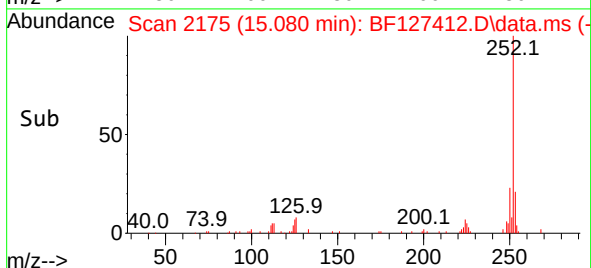
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/21/2022

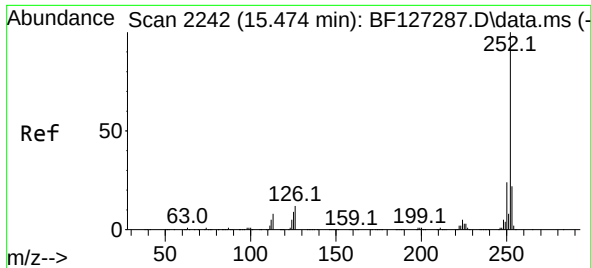


#88
 Benzo(b)fluoranthene
 Concen: 3.132 ng m
 RT: 15.080 min Scan# 2175
 Delta R.T. -0.006 min
 Lab File: BF127412.D
 Acq: 19 Mar 2022 01:11



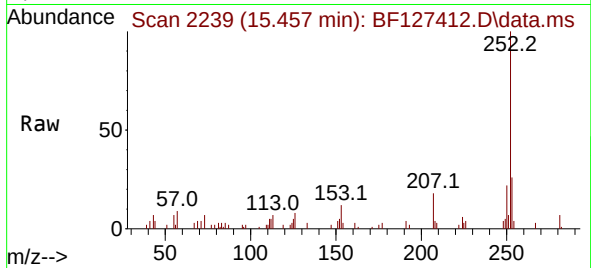
Tgt Ion:252 Resp: 24335
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.8 26.8
 125 6.6 12.4 18.6#





#90
Benzo(a)pyrene
Concen: 2.088 ng m
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127412.D
Acq: 19 Mar 2022 01:11

Instrument :
BNA_F
ClientSampleId :
RT4743DL



Tgt Ion:252 Resp: 12779
Ion Ratio Lower Upper
252 100
253 25.6 17.1 25.7
125 5.5 13.0 19.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

