

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127765.D
 Acq On : 12 Apr 2022 18:31
 Operator : CG\JU
 Sample : N2364-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Apr 13 07:25:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/13/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	116574	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	425185	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	244217	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	447172	20.000	ng	0.00
76) Chrysene-d12	14.133	240	334547	20.000	ng	0.00
86) Perylene-d12	15.651	264	320952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	705789	98.379	ng	0.00
7) Phenol-d6	6.575	99	895871	95.454	ng	0.00
23) Nitrobenzene-d5	7.516	82	639062	67.007	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	287031	110.446	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1141872	66.145	ng	0.00
79) Terphenyl-d14	13.074	244	1232520	60.811	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.545	166	33560	2.188	ng	97
71) Phenanthrene	11.516	178	555813	23.459	ng	99
72) Anthracene	11.563	178	137188	5.854	ng	98
75) Fluoranthene	12.704	202	614835	23.781	ng	99
78) Pyrene	12.933	202	497858	17.623	ng	100
81) Benzo(a)anthracene	14.121	228	219445	9.821	ng	96
83) Chrysene	14.157	228	178946	8.343	ng	97
87) Indeno(1,2,3-cd)pyrene	17.198	276	83212	4.150	ng	96
88) Benzo(b)fluoranthene	15.198	252	187714m	9.092	ng	
89) Benzo(k)fluoranthene	15.227	252	78030m	3.810	ng	
90) Benzo(a)pyrene	15.586	252	142529	8.493	ng	98
92) Benzo(g,h,i)perylene	17.668	276	70660	4.242	ng	98

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

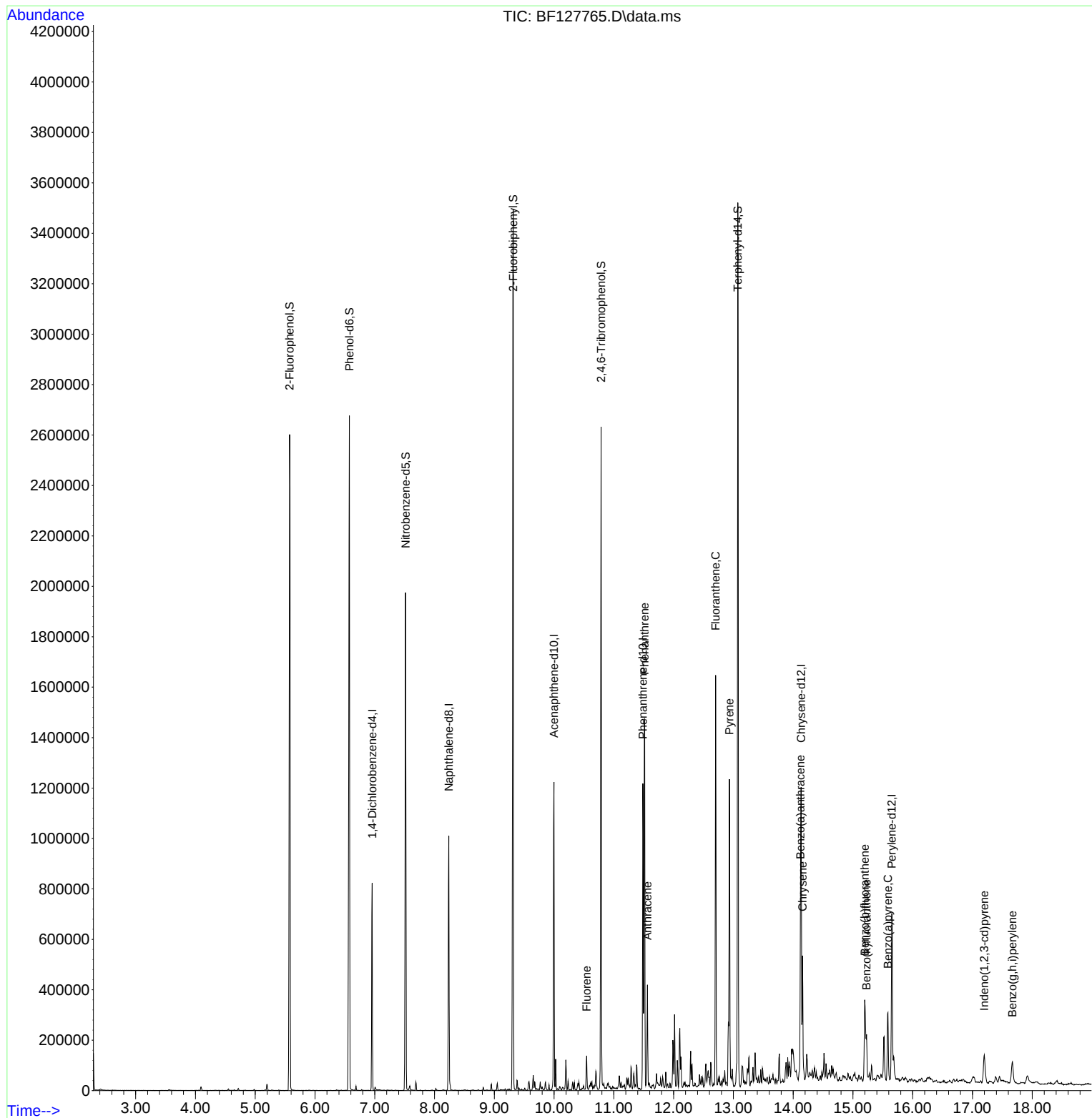
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127765.D
Acq On : 12 Apr 2022 18:31
Operator : CG\JU
Sample : N2364-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

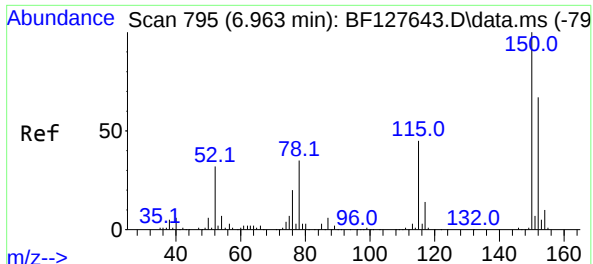
Instrument :
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Quant Time: Apr 13 07:25:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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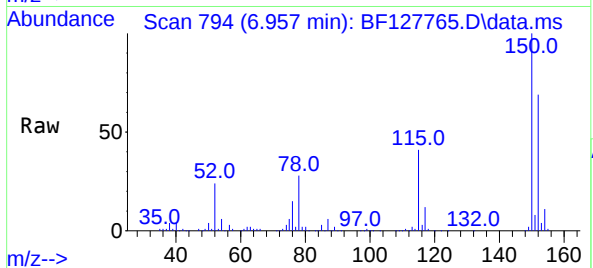
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

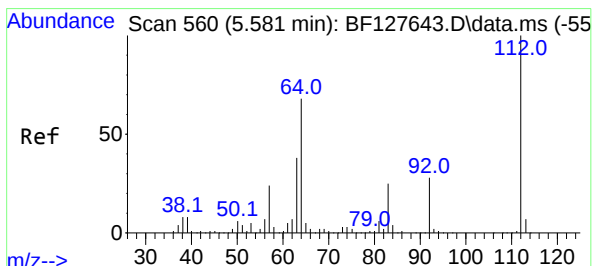
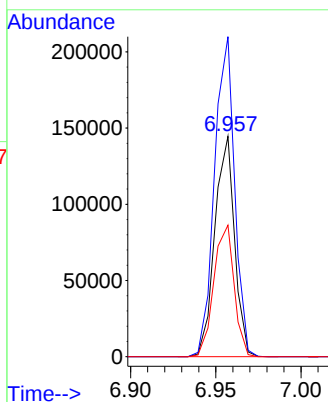
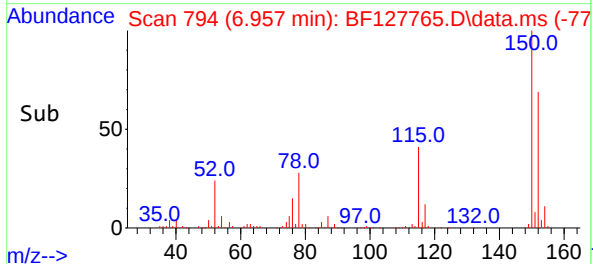
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP



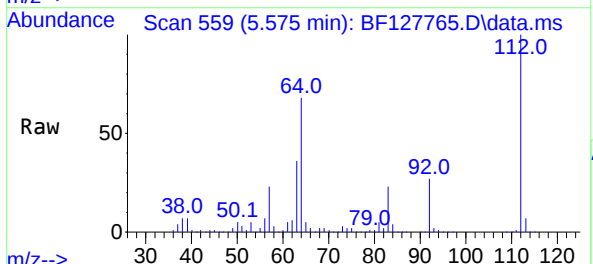
Tgt Ion:152 Resp: 116574
Ion Ratio Lower Upper
152 100
150 145.2 117.2 175.8
115 59.7 49.8 74.6

Manual Integrations
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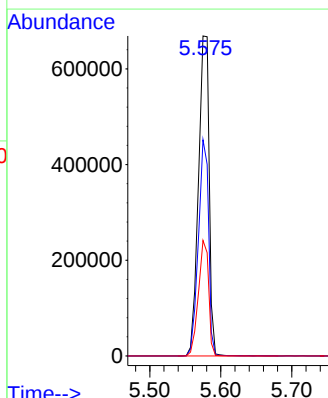
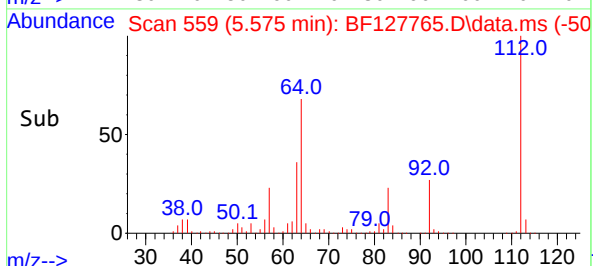
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#5
2-Fluorophenol
Concen: 98.379 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31



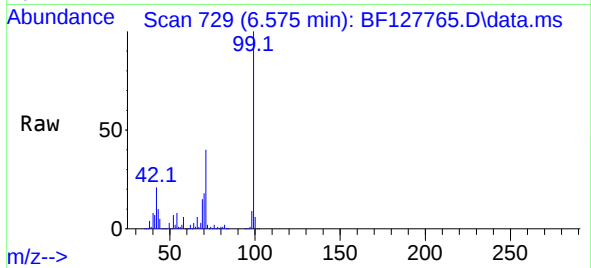
Tgt Ion:112 Resp: 705789
Ion Ratio Lower Upper
112 100
64 67.6 58.4 87.6
63 36.1 30.1 45.1





#7
Phenol-d6
Concen: 95.454 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

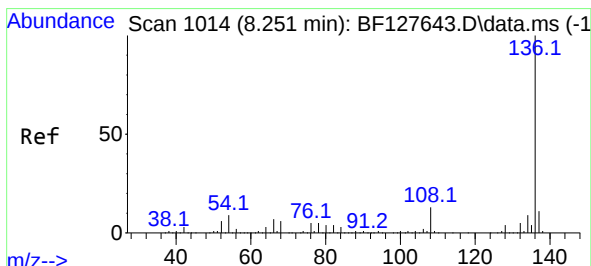
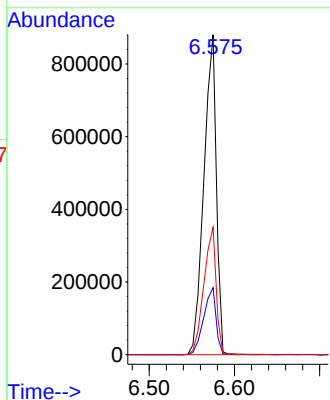
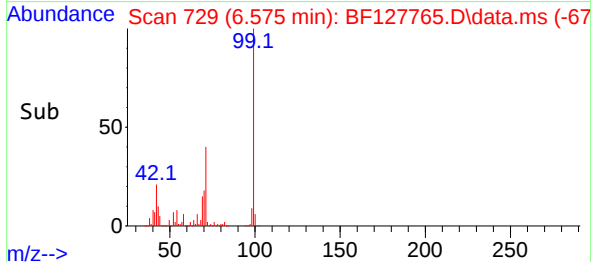
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP



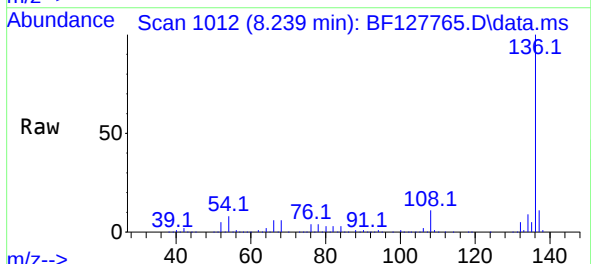
Tgt Ion: 99 Resp: 89587
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 39.7 29.6 44.4

Manual Integrations
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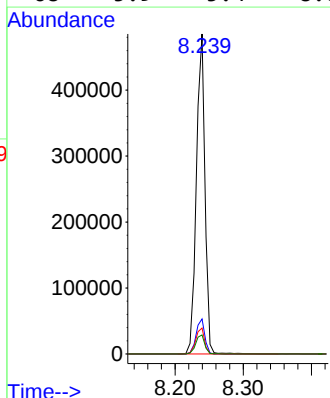
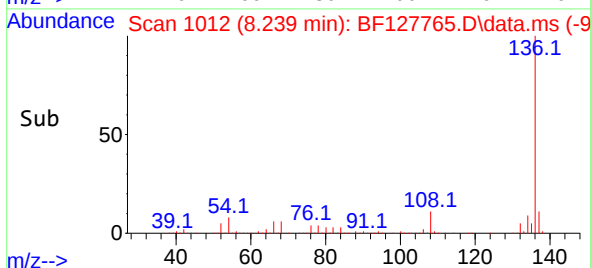
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

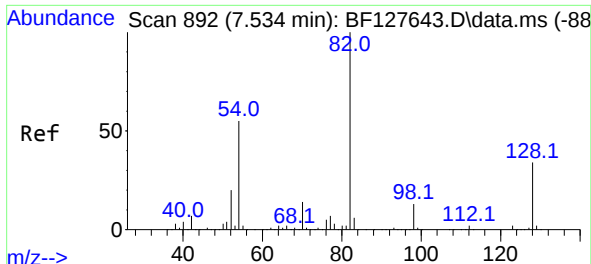


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31



Tgt Ion:136 Resp: 425185
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 9.2 13.8#
68 5.9 5.4 8.0





#23
Nitrobenzene-d5
Concen: 67.007 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

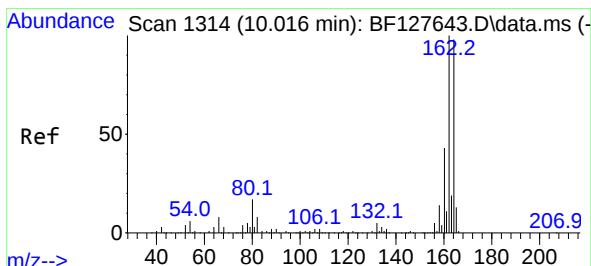
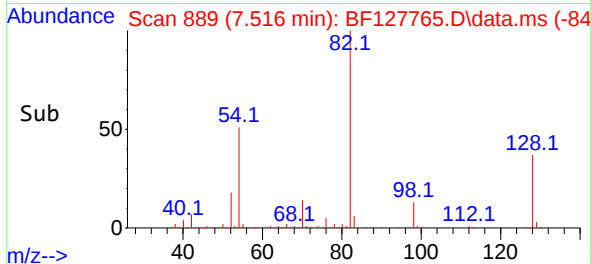
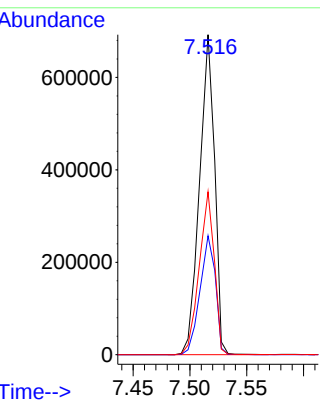
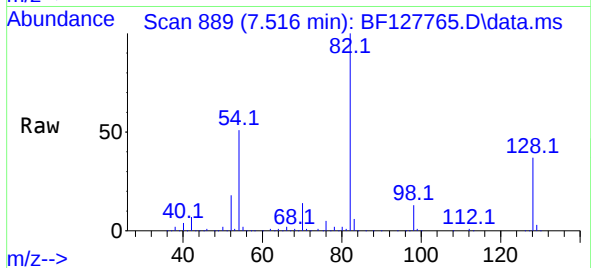
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Tgt Ion: 82 Resp: 639062
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 50.9 48.2 72.2

Manual Integrations

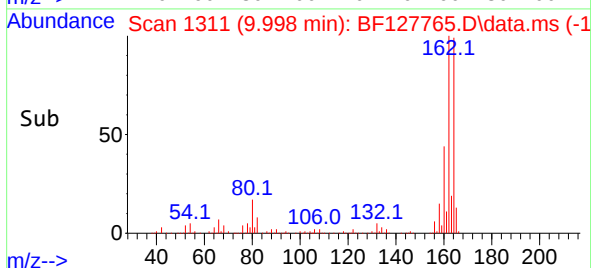
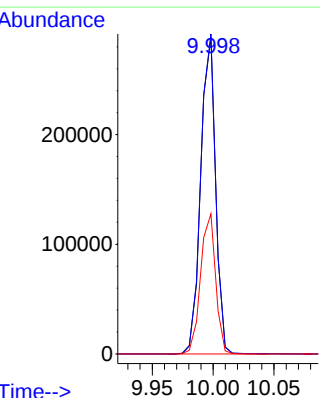
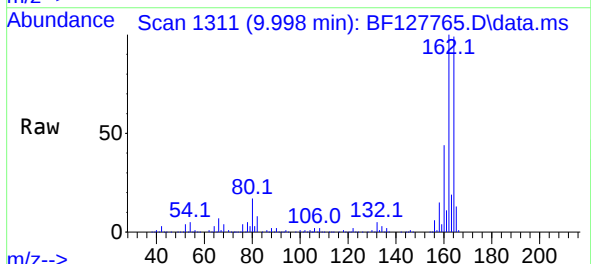
APPROVED

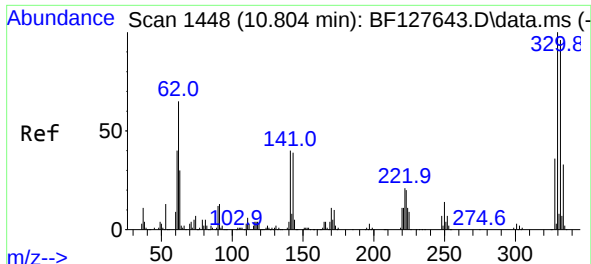
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Tgt Ion:164 Resp: 244217
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 44.2 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 110.446 ng
RT: 10.786 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

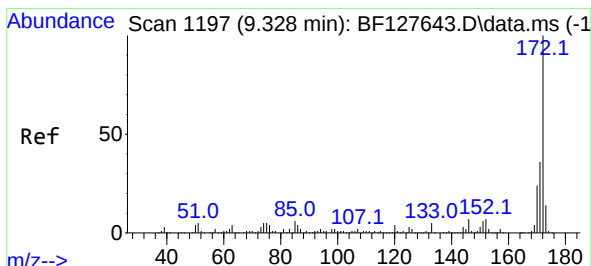
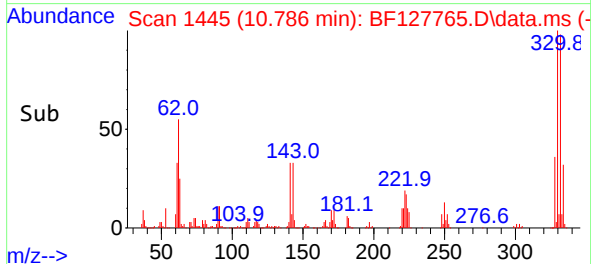
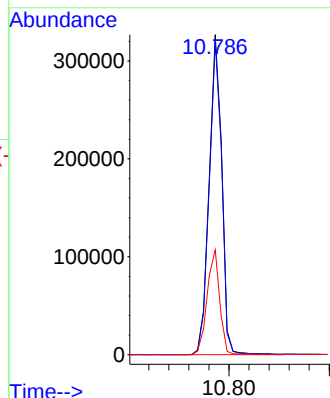
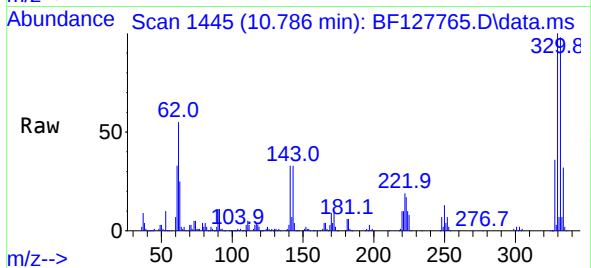
SB-03-COMP

Tgt Ion: 330 Resp: 28703
Ion Ratio Lower Upper
330 100
332 96.8 79.1 118.7
141 32.8 26.2 39.4

Manual Integrations

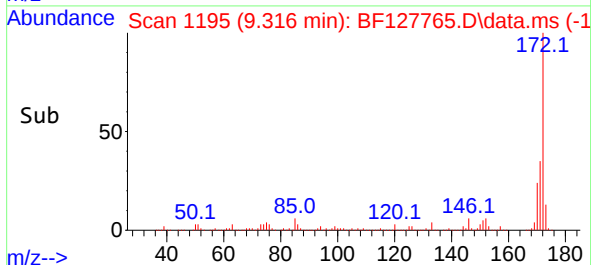
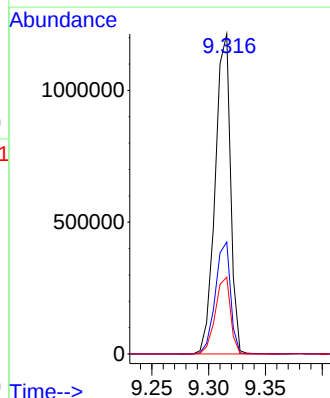
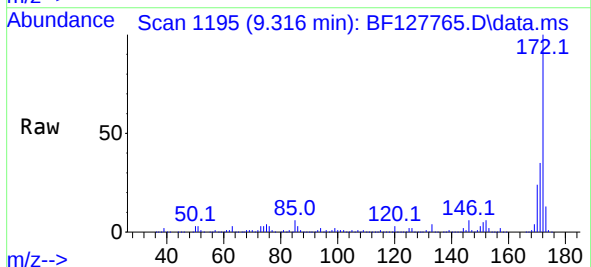
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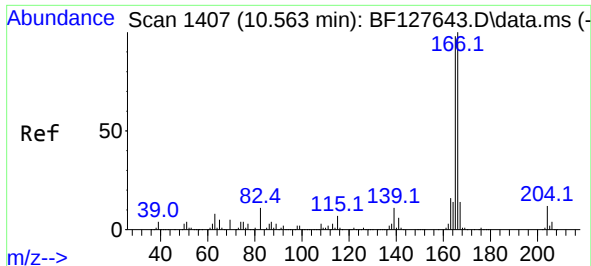
Reviewed By : Christian Giraldo 04/13/2022
Supervised By : Jagrut Upadhyay 04/13/2022



#45
2-Fluorobiphenyl
Concen: 66.145 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

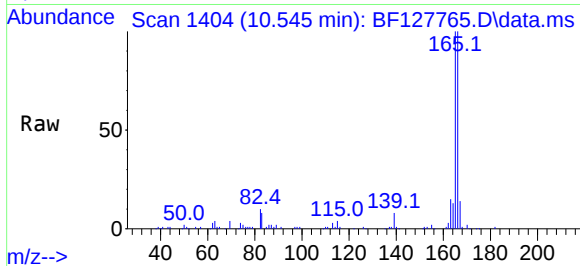
Tgt Ion: 172 Resp: 1141872
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 24.0 18.6 27.8





#58
Fluorene
Concen: 2.188 ng
RT: 10.545 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

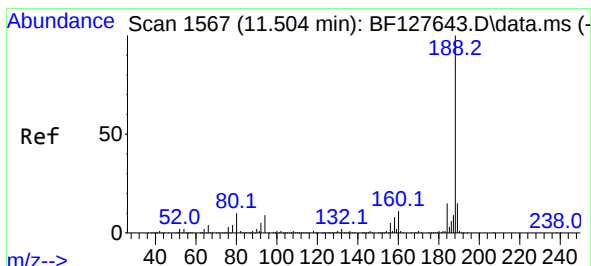
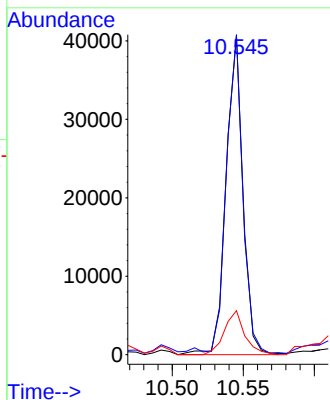
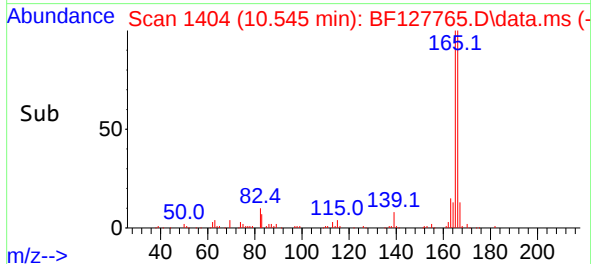
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ClientSampleId :
SB-03-COMP



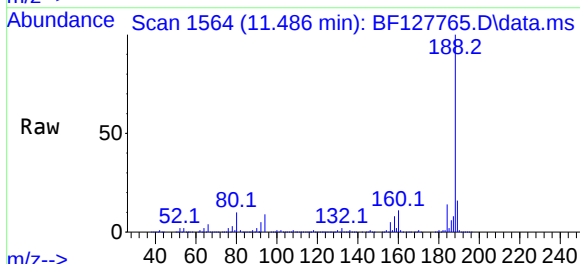
Tgt Ion:166 Resp: 33560
Ion Ratio Lower Upper
166 100
165 100.3 78.1 117.1
167 13.8 10.5 15.7

Manual Integrations
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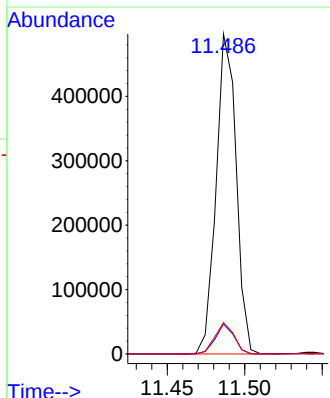
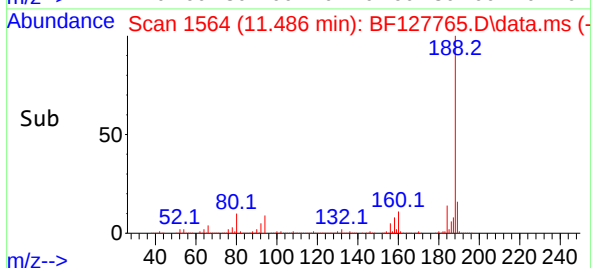
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

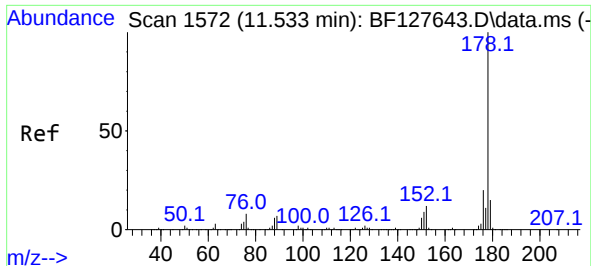


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31



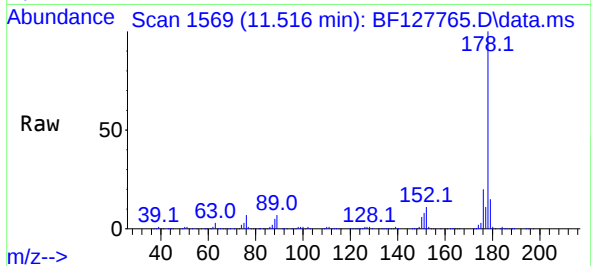
Tgt Ion:188 Resp: 447172
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 9.8 8.0 12.0





#71
Phenanthrene
Concen: 23.459 ng
RT: 11.516 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

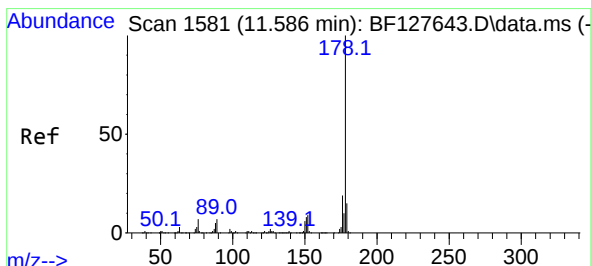
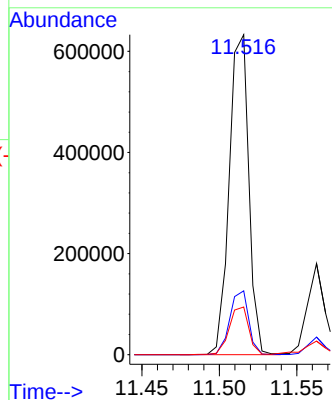
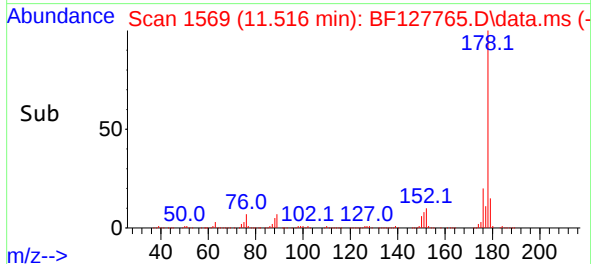
Instrument :
BNA_F
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SB-03-COMP



Tgt Ion:178 Resp: 55581
Ion Ratio Lower Upper
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176 19.9 15.4 23.2
179 14.9 12.4 18.6

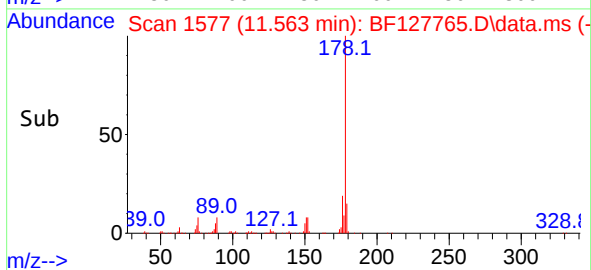
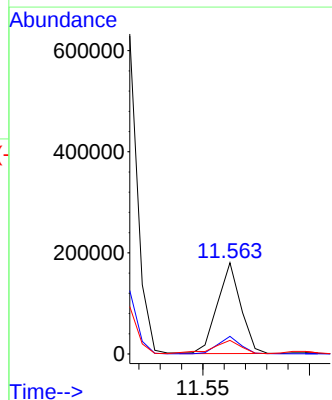
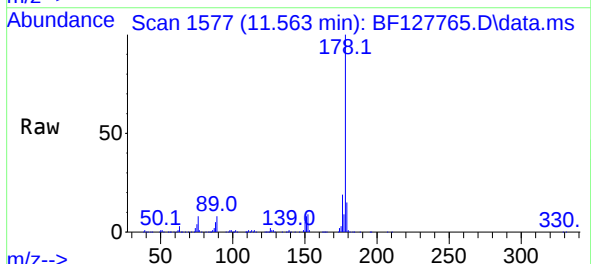
Manual Integrations
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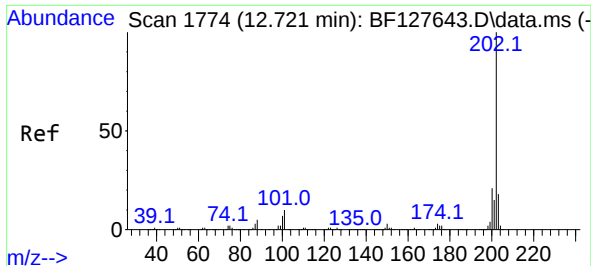
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#72
Anthracene
Concen: 5.854 ng
RT: 11.563 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Tgt Ion:178 Resp: 137188
Ion Ratio Lower Upper
178 100
176 19.4 14.6 22.0
179 15.0 12.4 18.6





#75
Fluoranthene
Concen: 23.781 ng
RT: 12.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

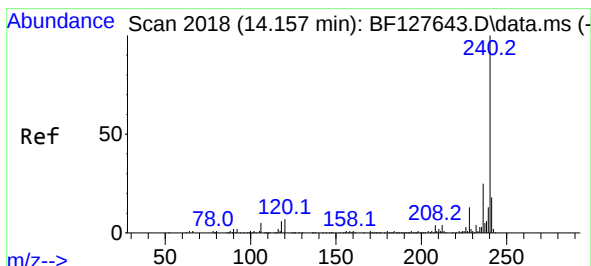
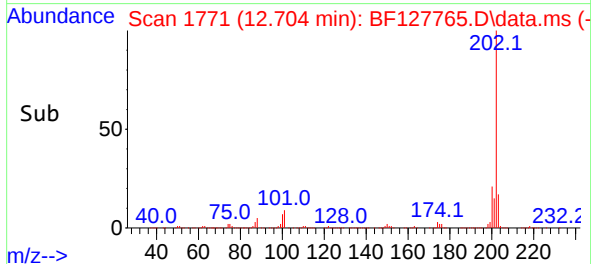
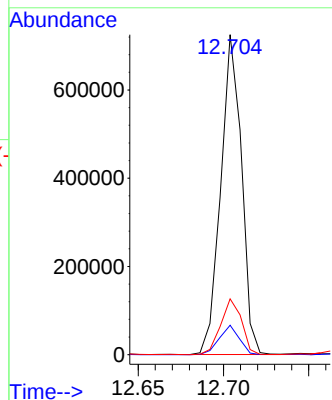
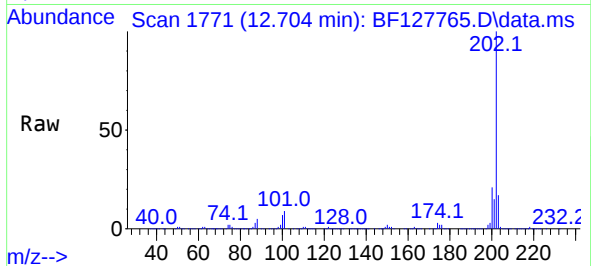
SB-03-COMP

Tgt Ion:202 Resp: 61483
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.0
203 17.4 0.0 37.7

Manual Integrations

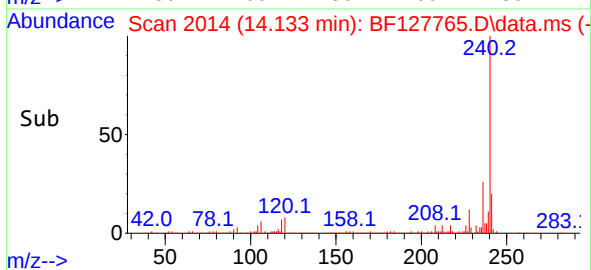
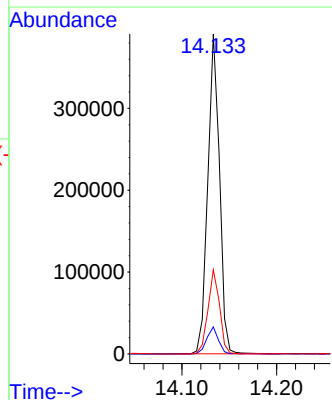
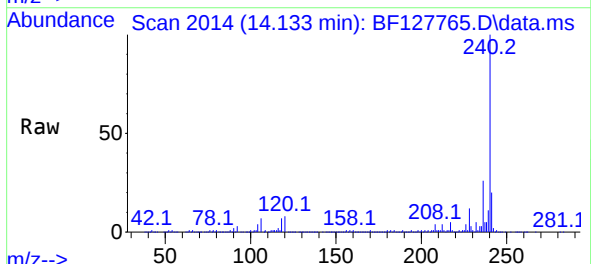
APPROVED

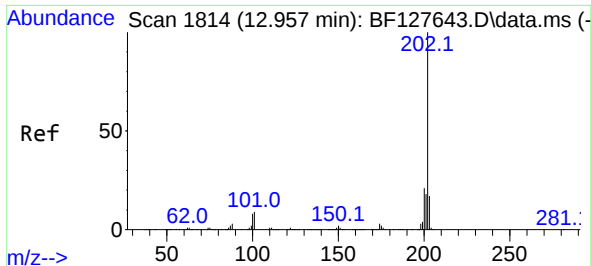
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

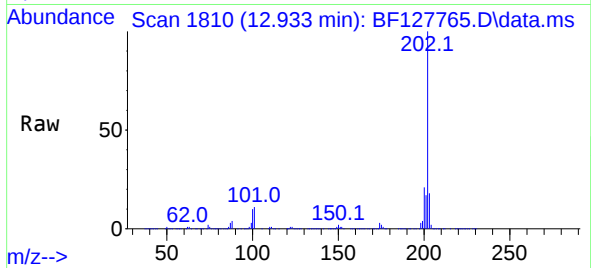
Tgt Ion:240 Resp: 334547
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.3 20.7 31.1





#78
Pyrene
Concen: 17.623 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

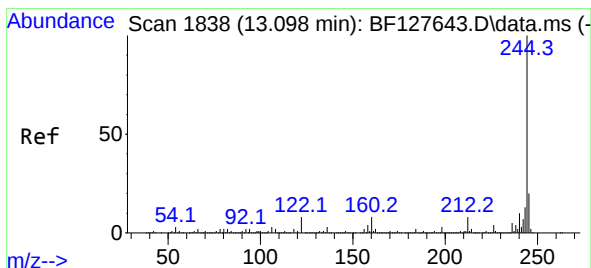
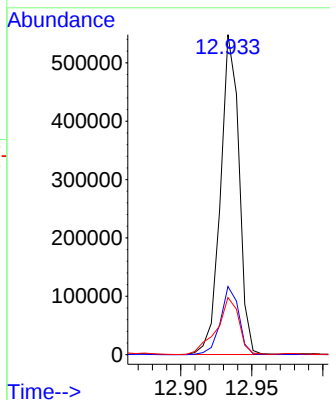
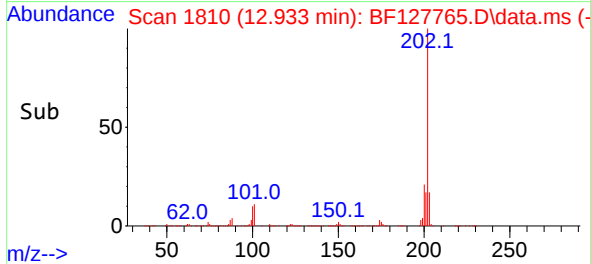
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP



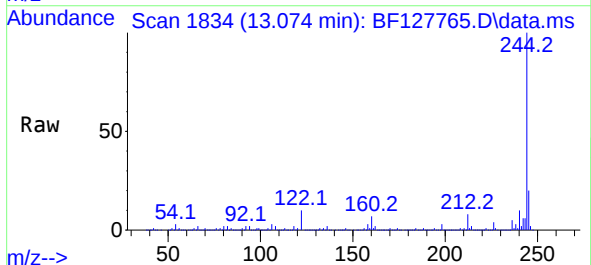
Tgt Ion:202 Resp: 497858
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.8 14.3 21.5

Manual Integrations
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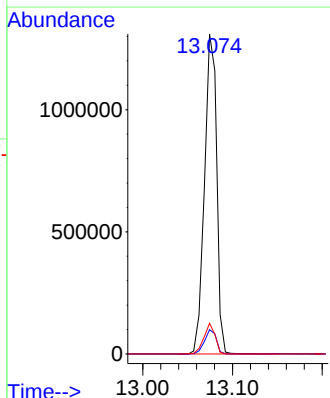
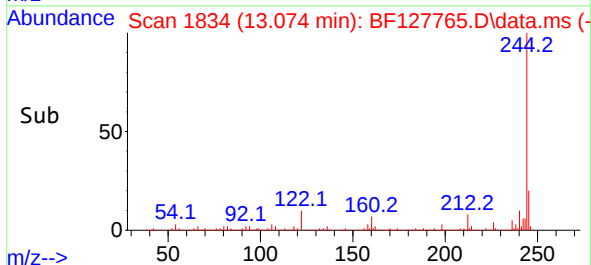
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

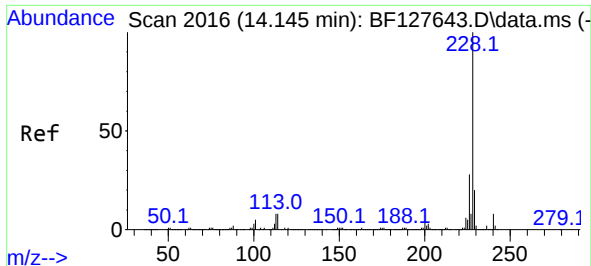


#79
Terphenyl-d14
Concen: 60.811 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31



Tgt Ion:244 Resp: 1232520
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.6 6.2 9.2#





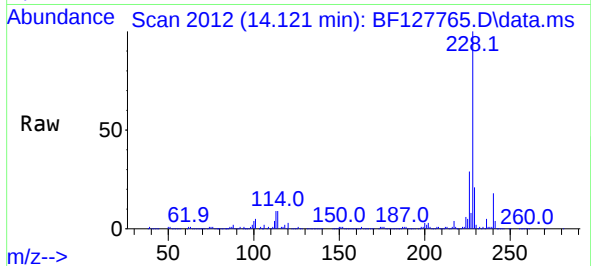
#81
Benzo(a)anthracene
Concen: 9.821 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

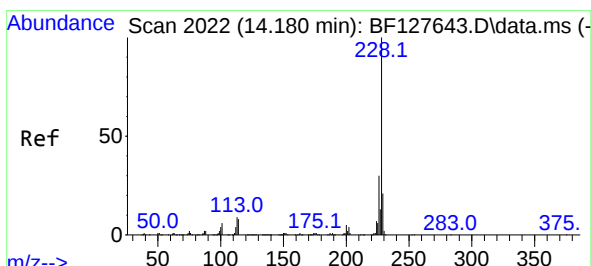
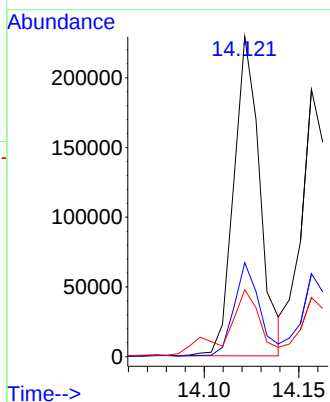
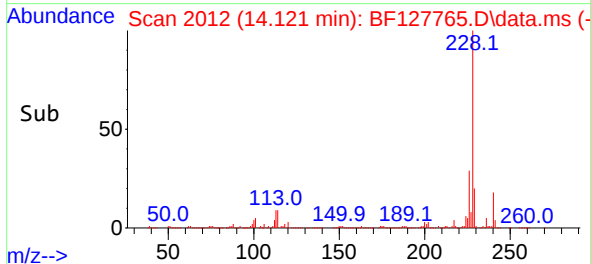


Tgt Ion:228 Resp: 21944
Ion Ratio Lower Upper
228 100
226 29.4 21.6 32.4
229 20.9 15.4 23.2

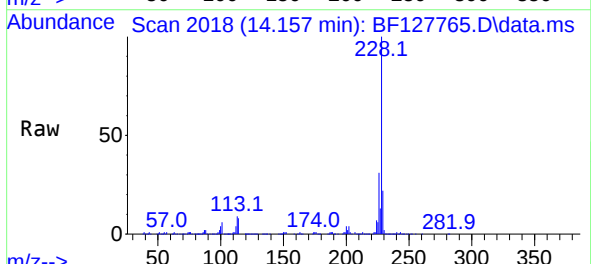
Manual Integrations

APPROVED

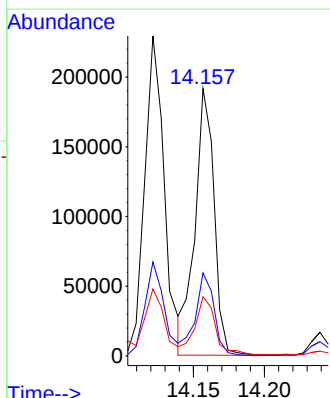
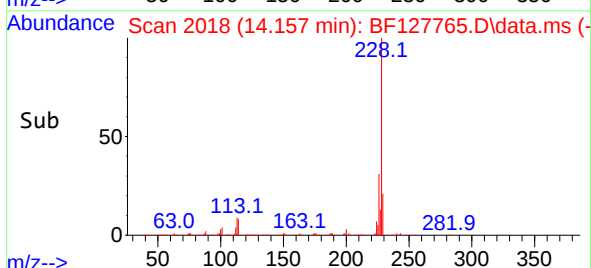
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

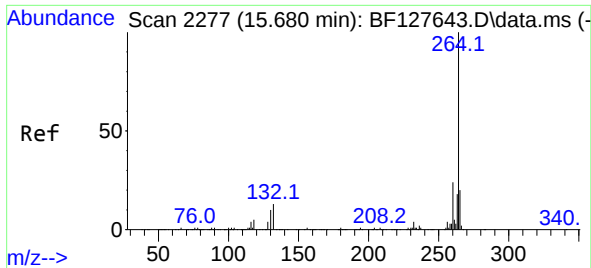


#83
Chrysene
Concen: 8.343 ng
RT: 14.157 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31



Tgt Ion:228 Resp: 178946
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 22.2 15.4 23.2





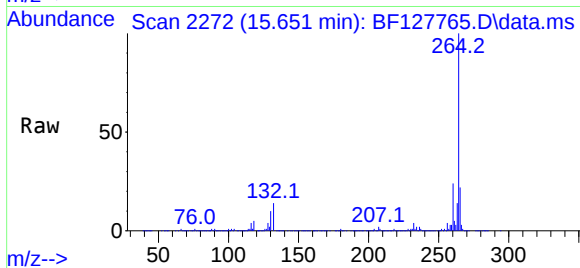
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

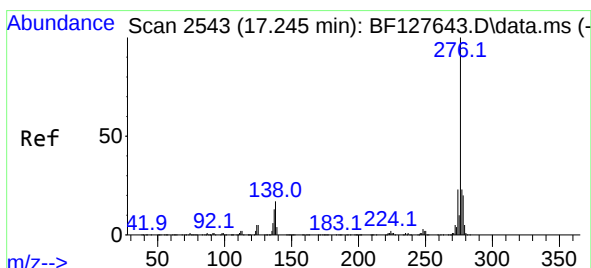
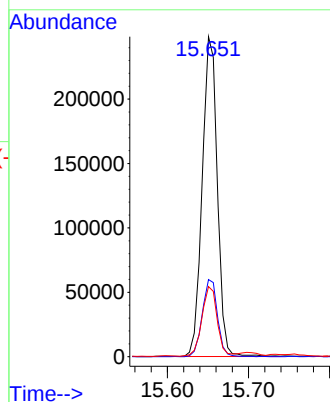
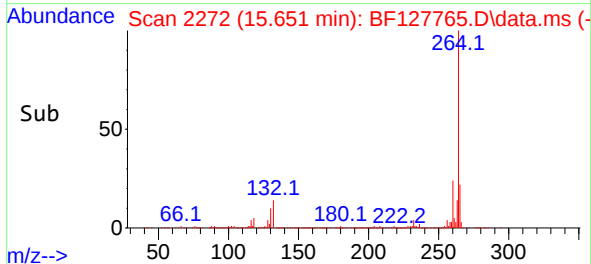


Tgt Ion:264 Resp: 32095
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.9 17.4 26.2

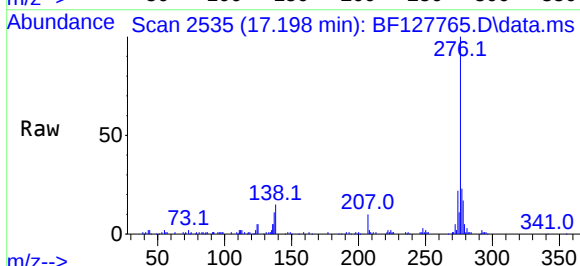
Manual Integrations

APPROVED

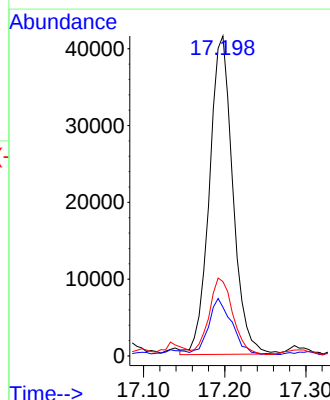
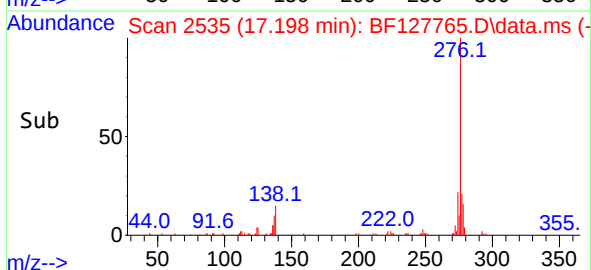
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

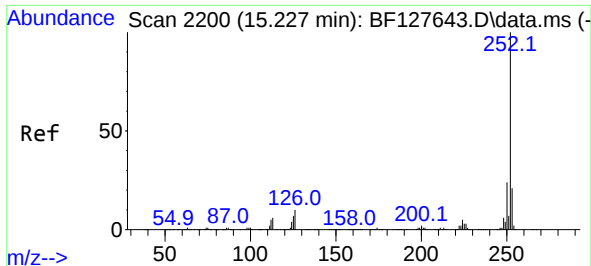


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.150 ng
RT: 17.198 min Scan# 2535
Delta R.T. -0.018 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31



Tgt Ion:276 Resp: 83212
Ion Ratio Lower Upper
276 100
138 17.5 17.1 25.7
277 24.5 19.9 29.9





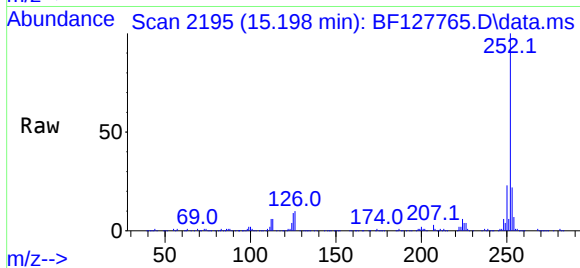
#88
Benzo(b)fluoranthene
Concen: 9.092 ng m
RT: 15.198 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

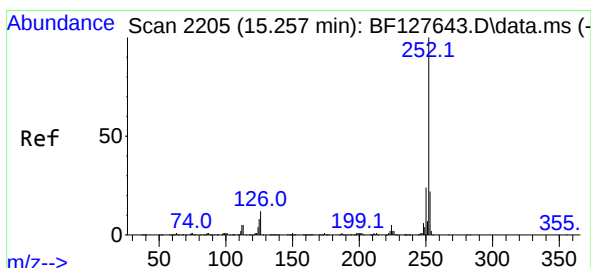
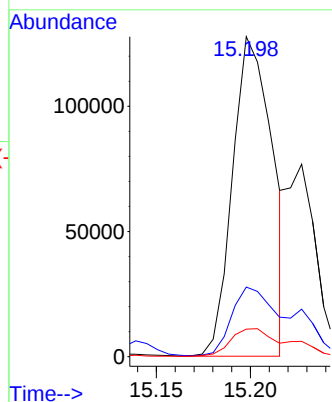
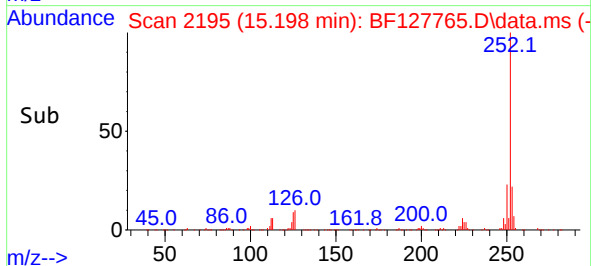


Tgt Ion:252 Resp: 187714
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.6 7.0 10.4

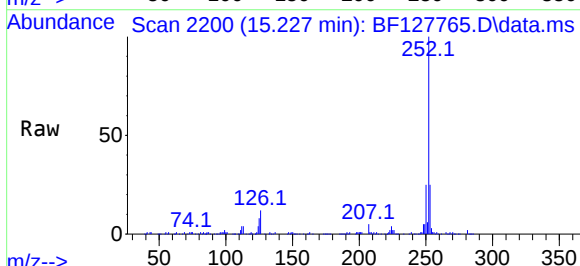
Manual Integrations

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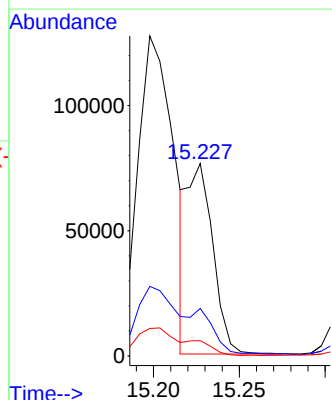
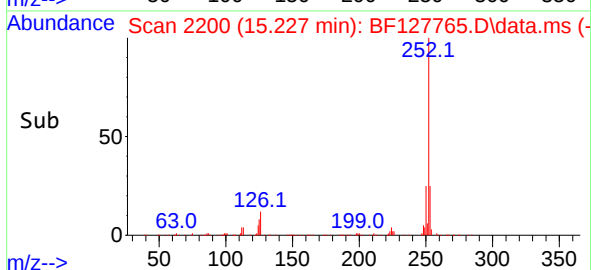
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

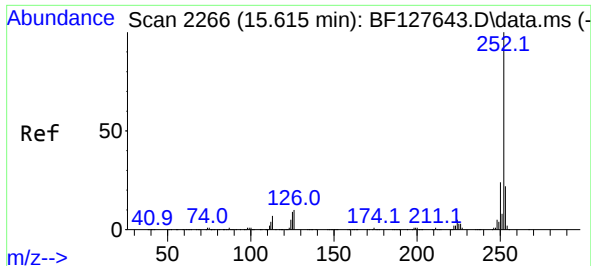


#89
Benzo(k)fluoranthene
Concen: 3.810 ng m
RT: 15.227 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31



Tgt Ion:252 Resp: 78030
Ion Ratio Lower Upper
252 100
253 24.7 17.3 25.9
125 8.0 6.9 10.3





#90
Benzo(a)pyrene
Concen: 8.493 ng
RT: 15.586 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Instrument :

BNA_F

ClientSampleId :

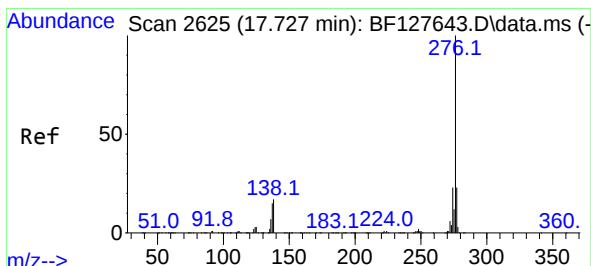
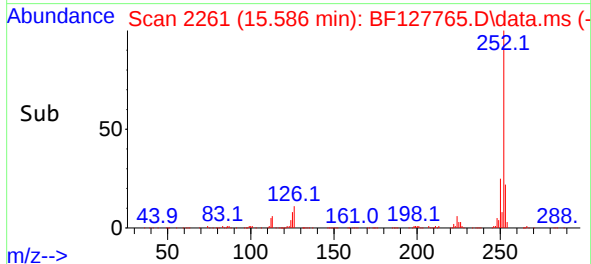
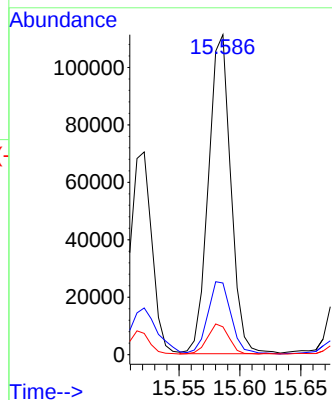
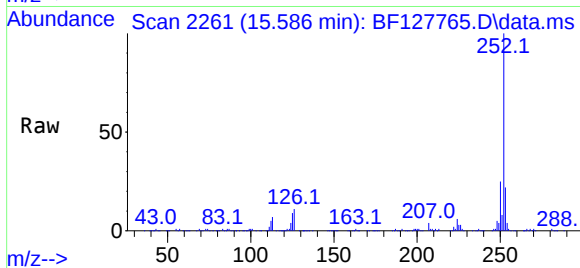
SB-03-COMP

Tgt Ion:252 Resp: 142529
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 8.7 6.7 10.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#92
Benzo(g,h,i)perylene
Concen: 4.242 ng
RT: 17.668 min Scan# 2615
Delta R.T. -0.023 min
Lab File: BF127765.D
Acq: 12 Apr 2022 18:31

Tgt Ion:276 Resp: 70660
Ion Ratio Lower Upper
276 100
277 21.9 19.0 28.4
138 18.6 14.6 22.0

