

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127248.D
 Acq On : 08 Mar 2022 04:43
 Operator : CG\JU
 Sample : N1805-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-030422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 05:06:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105778	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	399236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	166975	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	230038	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	175699	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	144076	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	124621	18.209	ng	0.00
7) Phenol-d6	6.504	99	160106	17.337	ng	-0.01
23) Nitrobenzene-d5	7.440	82	105118	11.885	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	28524	14.837	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	175231	15.449	ng	0.00
79) Terphenyl-d14	12.998	244	129569	10.841	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.469	166	35902	3.234	ng	96
71) Phenanthrene	11.439	178	299422	23.255	ng	99
72) Anthracene	11.486	178	114353	8.921	ng	97
75) Fluoranthene	12.633	202	658247	53.842	ng	94
78) Pyrene	12.869	202	634020	41.536	ng	99
81) Benzo(a)anthracene	14.057	228	447764	37.802	ng	97
83) Chrysene	14.092	228	371377m	33.341	ng	
87) Indeno(1,2,3-cd)pyrene	17.074	276	193340	20.465	ng	# 82
88) Benzo(b)fluoranthene	15.121	252	517563m	53.486	ng	
89) Benzo(k)fluoranthene	15.145	252	173330m	18.571	ng	
90) Benzo(a)pyrene	15.498	252	347082m	45.920	ng	
91) Dibenzo(a,h)anthracene	17.080	278	50072m	6.409	ng	
92) Benzo(g,h,i)perylene	17.539	276	172987	22.457	ng	# 85

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

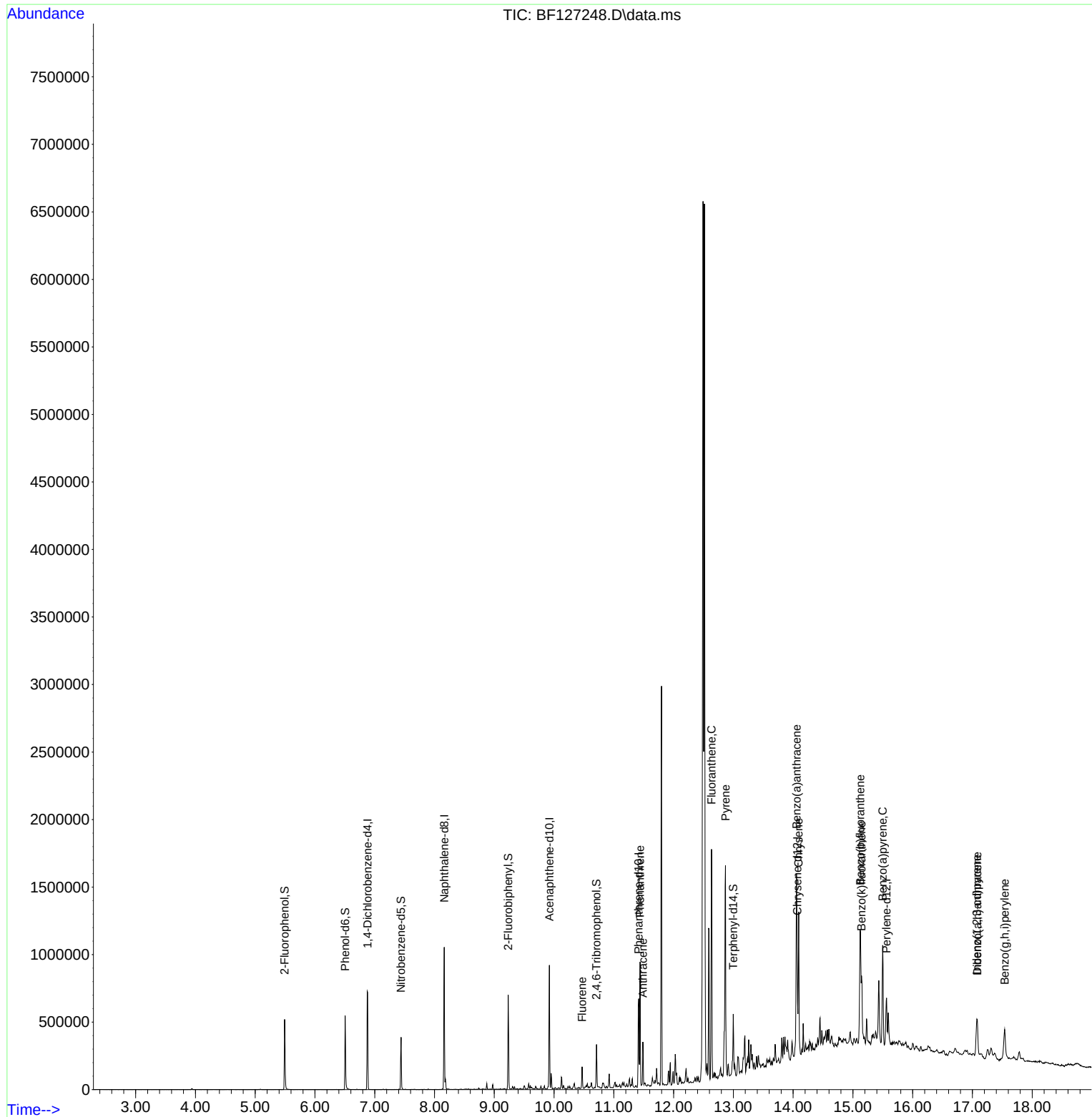
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127248.D
Acq On : 08 Mar 2022 04:43
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ALS Vial : 24 Sample Multiplier: 1

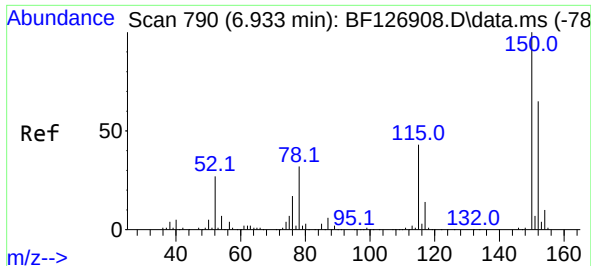
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Instrument :

BNA_F

ClientSampleId :

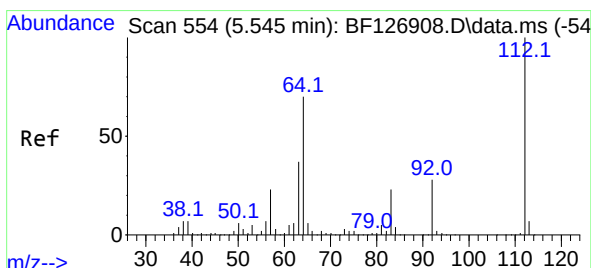
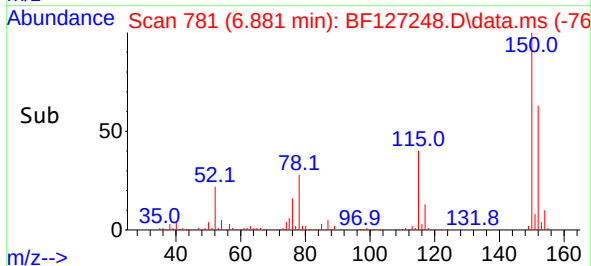
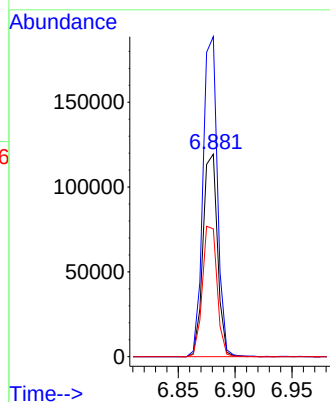
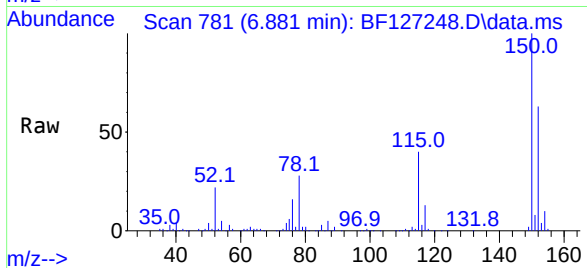
NB-08-030422

Tgt Ion:152 Resp: 105778
Ion Ratio Lower Upper
152 100
150 157.9 128.1 192.1
115 63.1 56.7 85.1

Manual Integrations

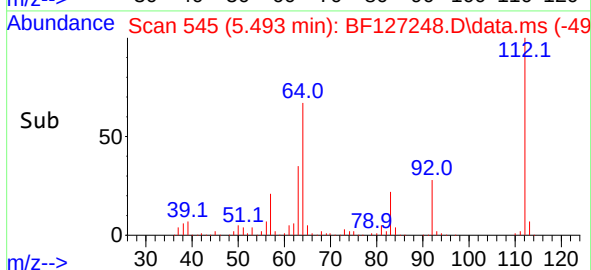
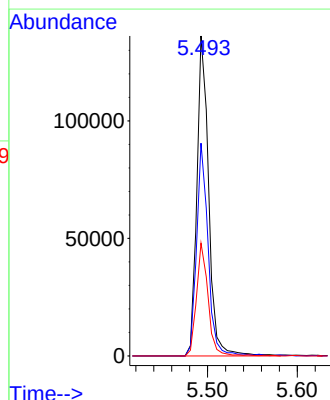
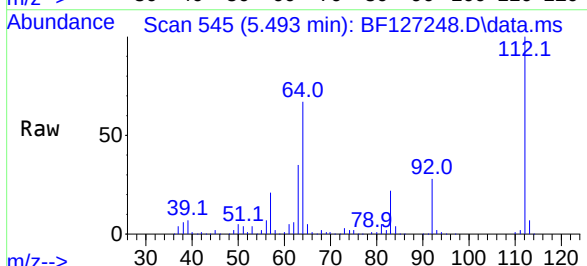
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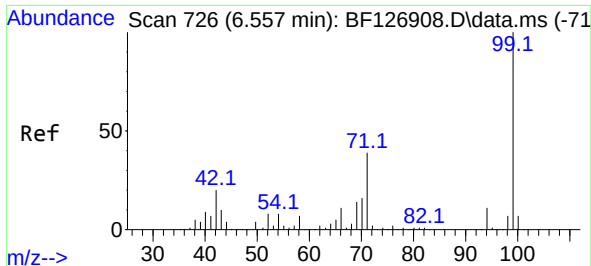
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#5
2-Fluorophenol
Concen: 18.209 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

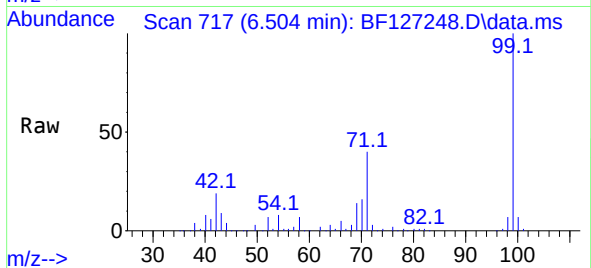
Tgt Ion:112 Resp: 124621
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 35.2 23.9 35.9





#7
Phenol-d6
Concen: 17.337 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

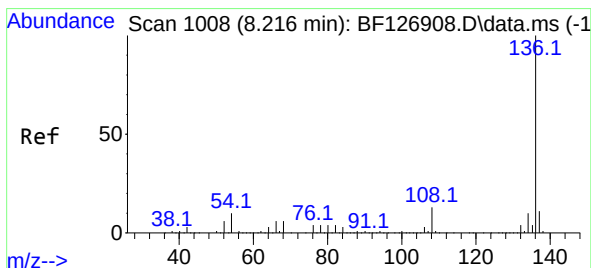
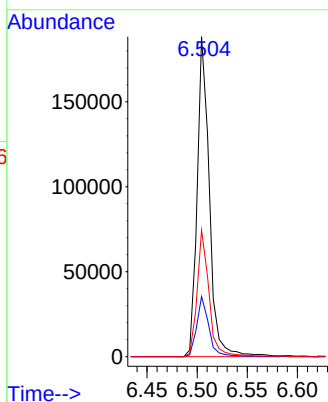
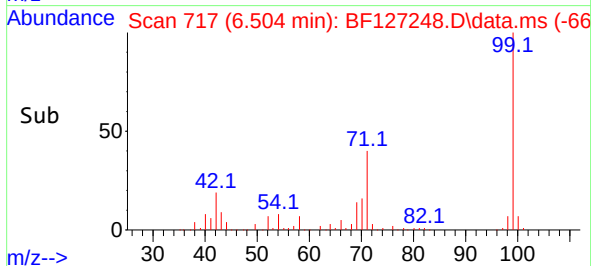
Instrument :
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NB-08-030422



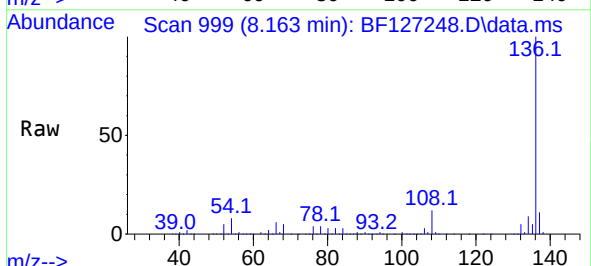
Tgt Ion: 99 Resp: 160100
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 39.5 24.3 36.5

Manual Integrations
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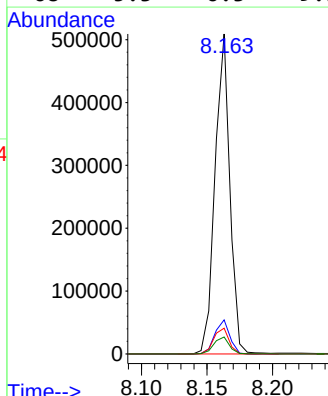
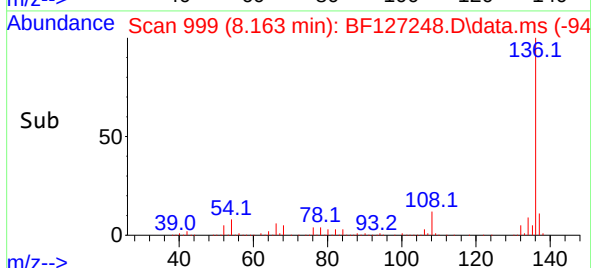
Reviewed By :Christian Giraldo 03/08/2022
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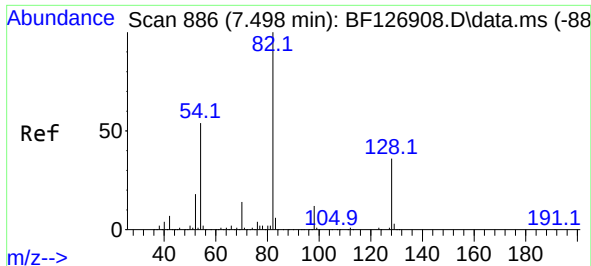


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43



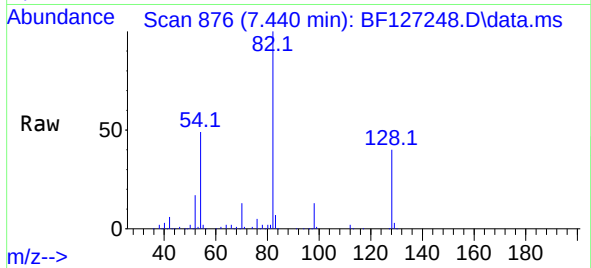
Tgt Ion:136 Resp: 399236
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 7.8 11.6
68 5.3 6.3 9.5





#23
Nitrobenzene-d5
Concen: 11.885 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

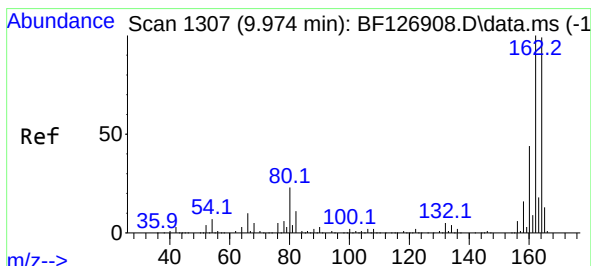
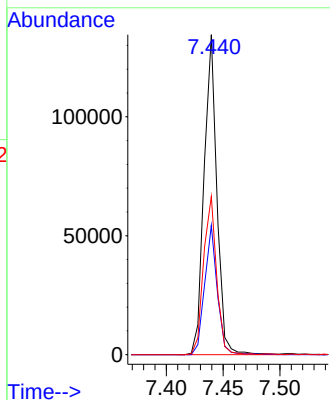
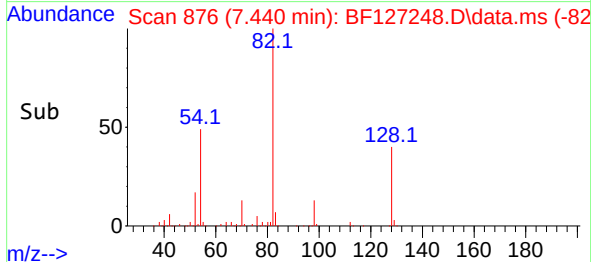
Instrument :
BNA_F
ClientSampleId :
NB-08-030422



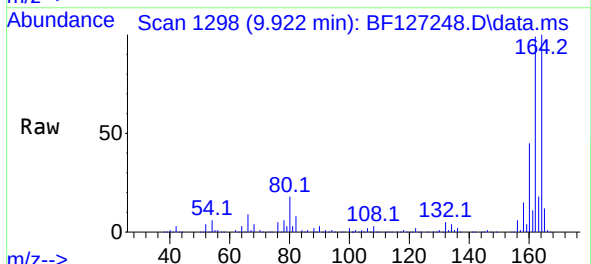
Tgt Ion: 82 Resp: 105118
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 49.5 41.7 62.5

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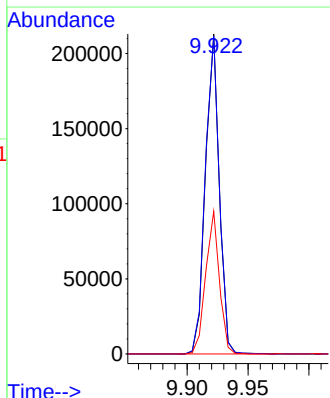
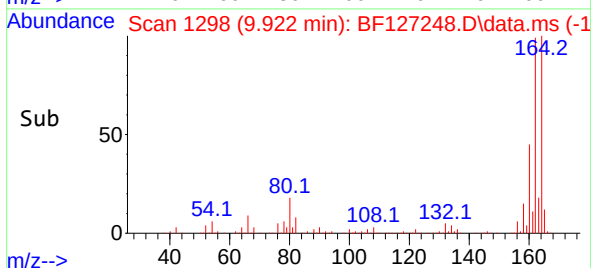
Reviewed By :Christian Giraldo 03/08/2022
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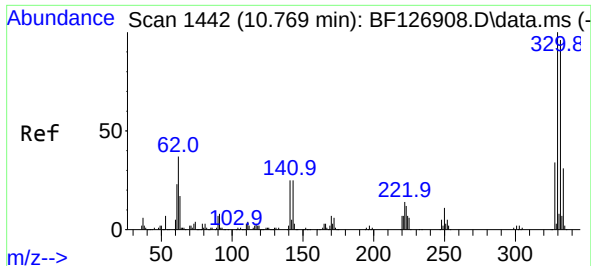


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43



Tgt Ion:164 Resp: 166975
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 44.6 36.6 54.8





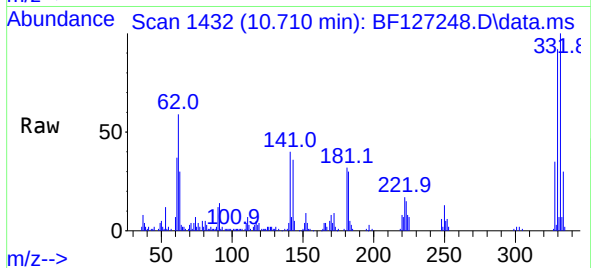
#42
2,4,6-Tribromophenol
Concen: 14.837 ng
RT: 10.710 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Instrument :

BNA_F

ClientSampleId :

NB-08-030422

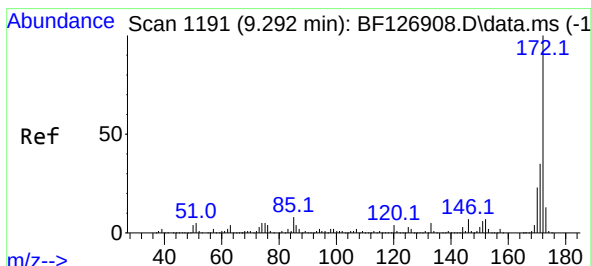
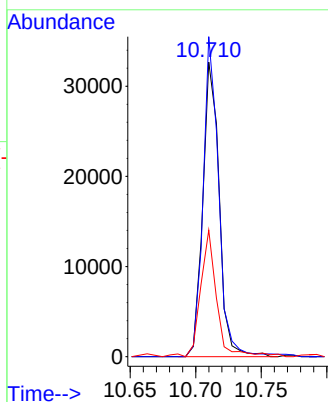
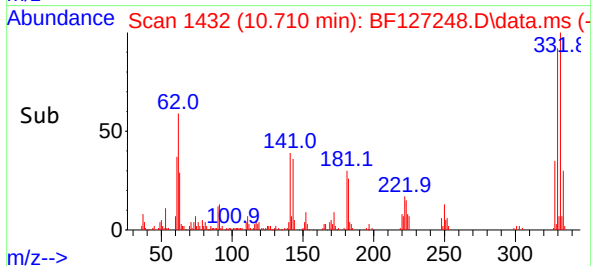


Tgt Ion: 330 Resp: 28524
Ion Ratio Lower Upper
330 100
332 103.6 76.0 114.0
141 42.3 30.1 45.1

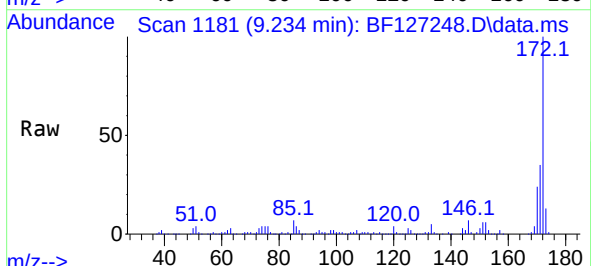
Manual Integrations

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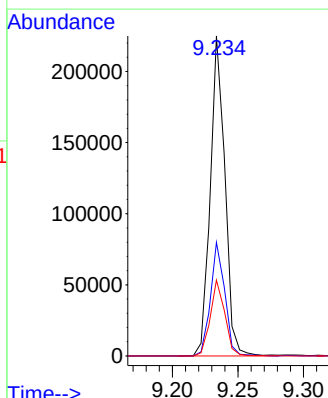
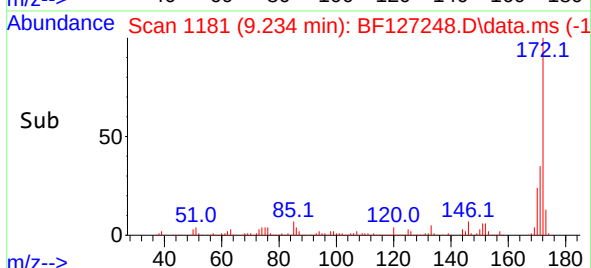
Reviewed By : Christian Giraldo 03/08/2022
Supervised By : Jagrut Upadhyay 03/08/2022

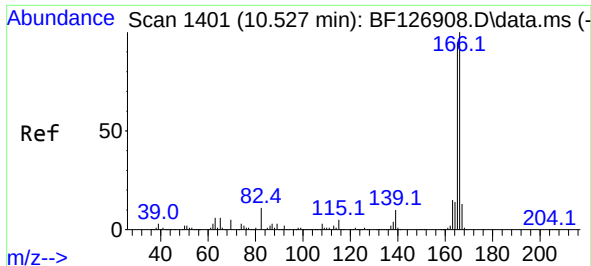


#45
2-Fluorobiphenyl
Concen: 15.449 ng
RT: 9.234 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43



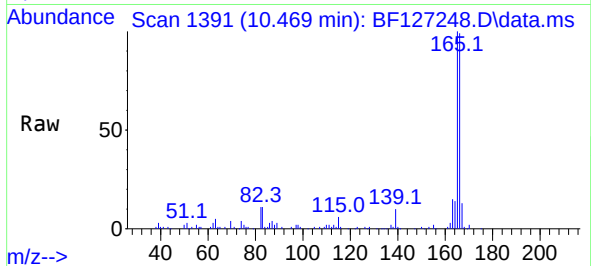
Tgt Ion: 172 Resp: 175231
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.7 19.0 28.6





#58
Fluorene
Concen: 3.234 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

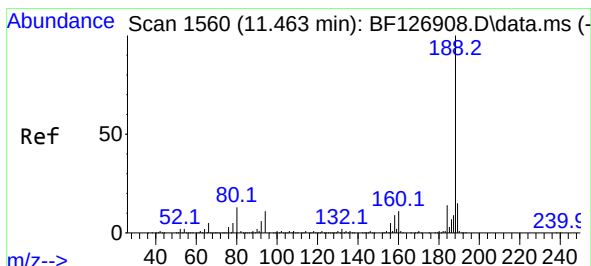
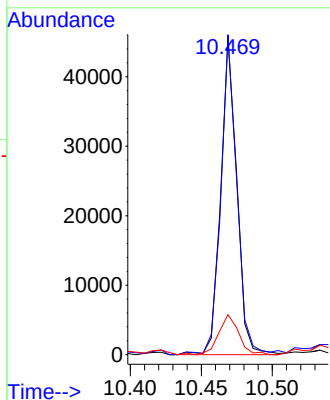
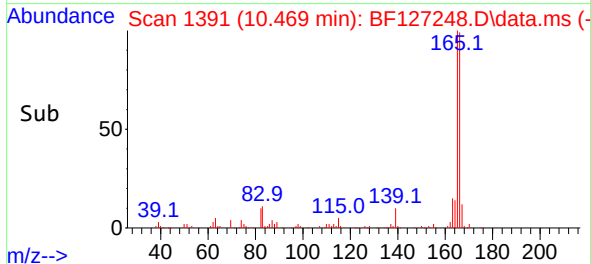
Instrument :
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ClientSampleId :
NB-08-030422



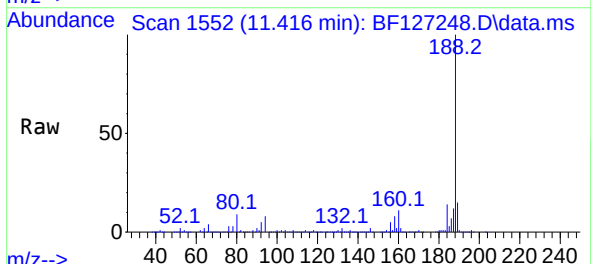
Tgt Ion:166 Resp: 35902
Ion Ratio Lower Upper
166 100
165 101.2 77.7 116.5
167 12.7 10.7 16.1

Manual Integrations
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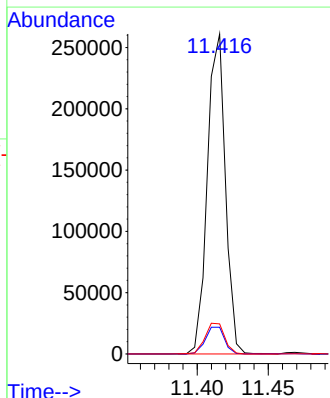
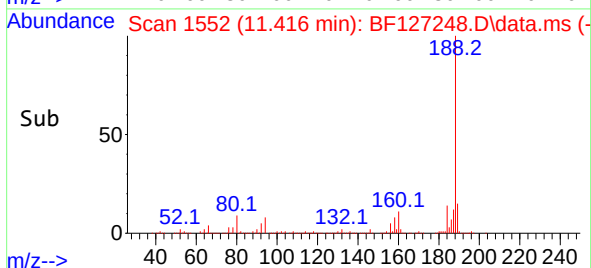
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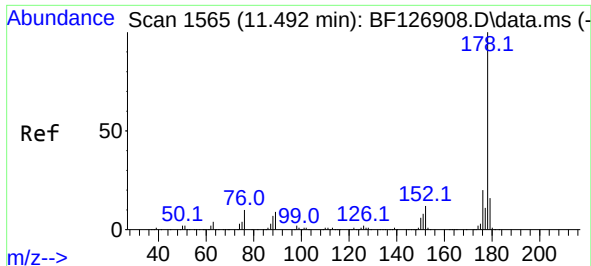


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43



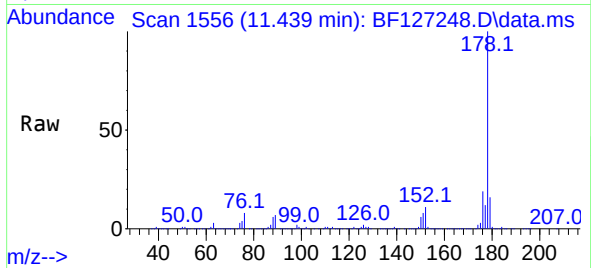
Tgt Ion:188 Resp: 230038
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 9.4 11.8 17.6#





#71
Phenanthrene
Concen: 23.255 ng
RT: 11.439 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

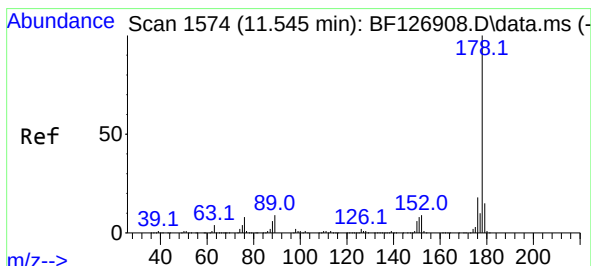
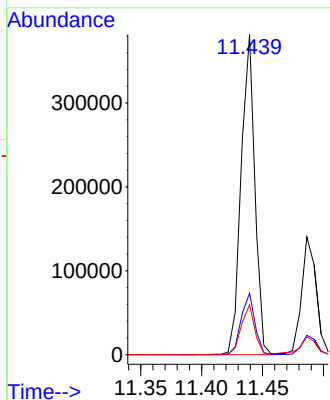
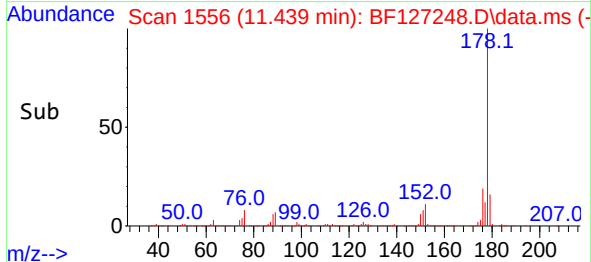
Instrument :
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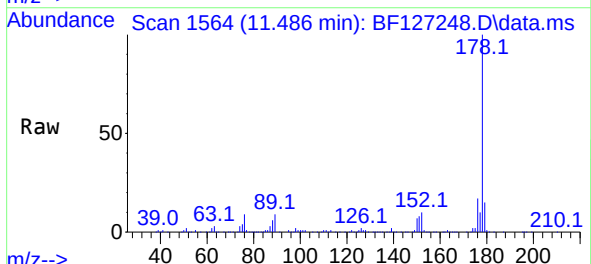
Tgt Ion:178 Resp: 29942
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.3 18.5

Manual Integrations
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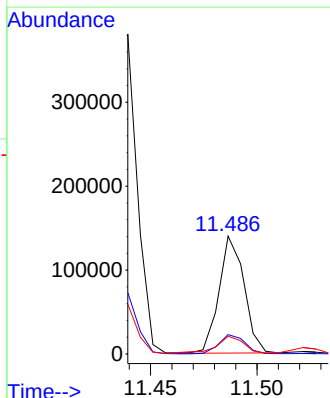
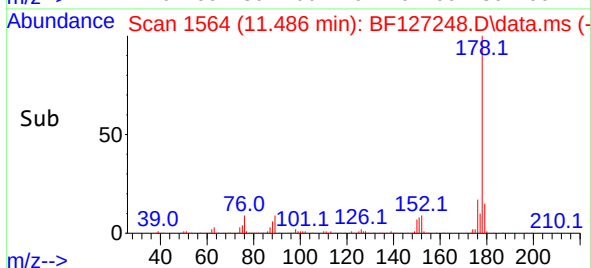
Reviewed By :Christian Giraldo 03/08/2022
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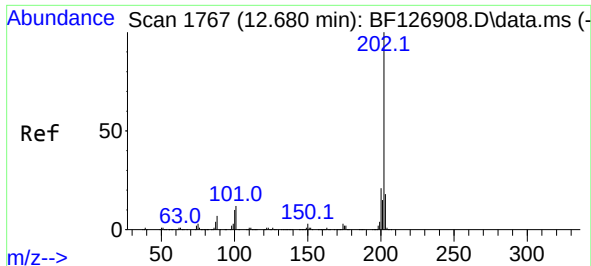


#72
Anthracene
Concen: 8.921 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43



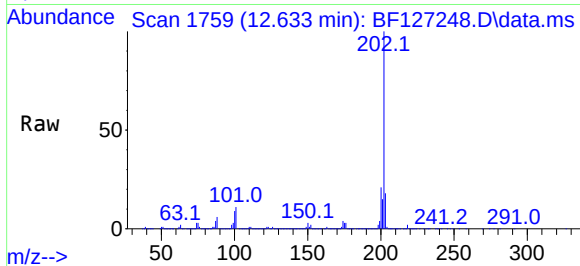
Tgt Ion:178 Resp: 114353
Ion Ratio Lower Upper
178 100
176 16.5 15.0 22.6
179 15.2 12.5 18.7





#75
Fluoranthene
Concen: 53.842 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

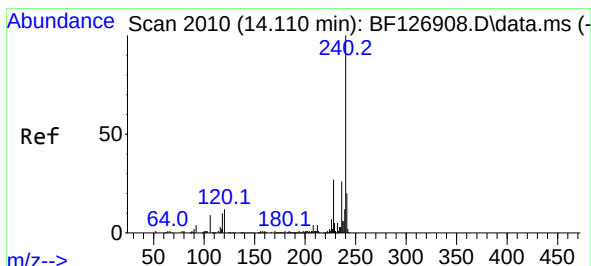
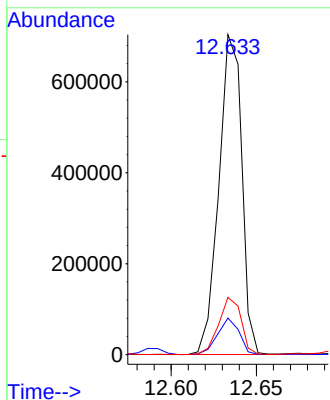
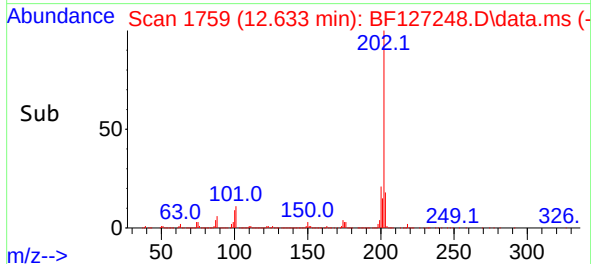
Instrument :
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Tgt Ion:202 Resp: 65824
Ion Ratio Lower Upper
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101 11.5 0.0 35.7
203 17.9 0.0 37.1

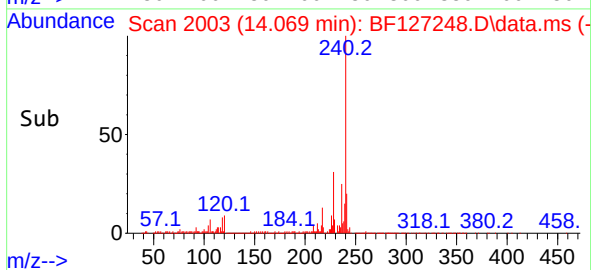
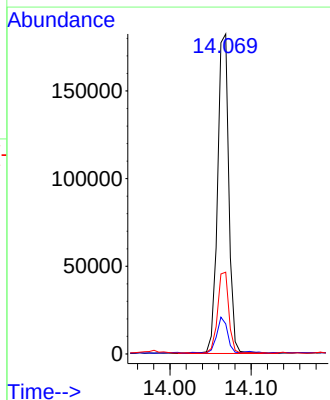
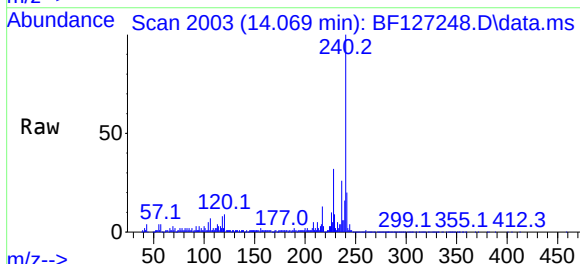
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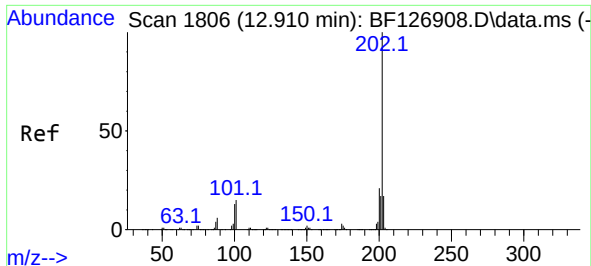
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

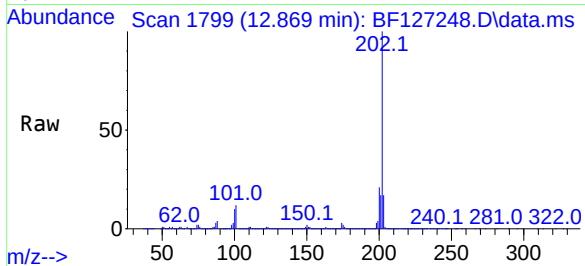
Tgt Ion:240 Resp: 175699
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 25.6 20.5 30.7





#78
Pyrene
Concen: 41.536 ng
RT: 12.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

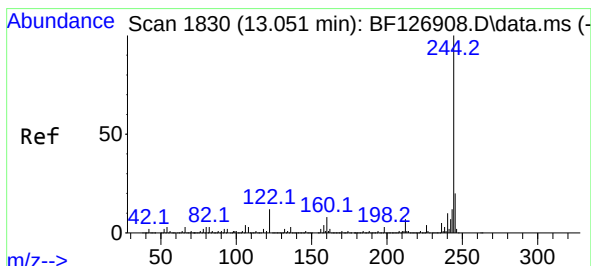
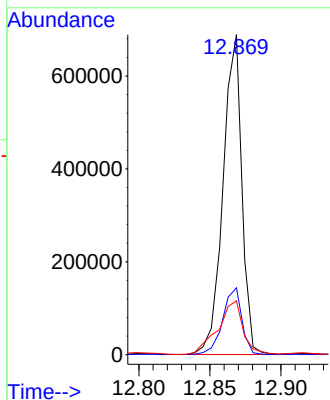
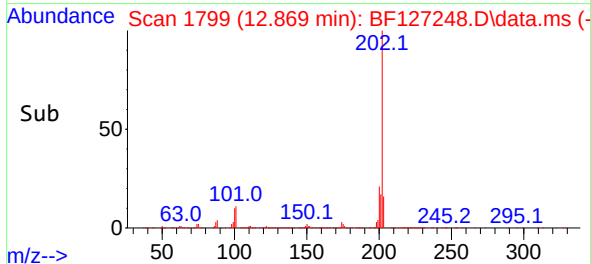
Instrument :
BNA_F
ClientSampleId :
NB-08-030422



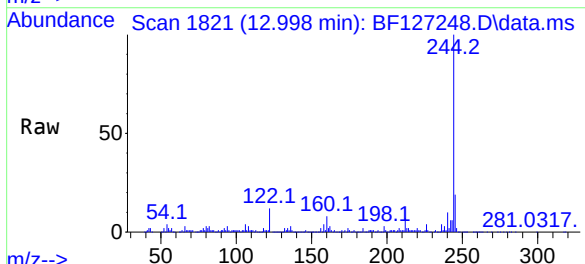
Tgt Ion:202 Resp: 634020
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 16.8 13.8 20.8

Manual Integrations
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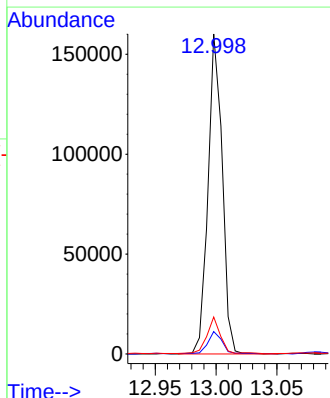
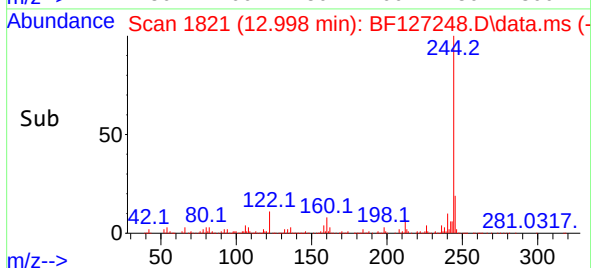
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

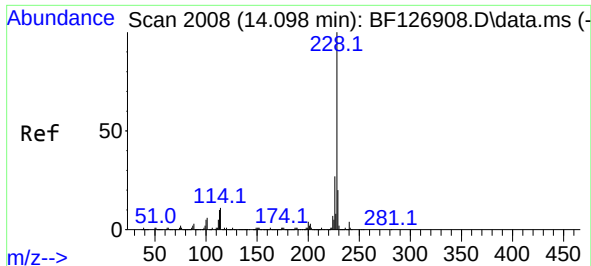


#79
Terphenyl-d14
Concen: 10.841 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43



Tgt Ion:244 Resp: 129569
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 11.6 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 37.802 ng
RT: 14.057 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Instrument :

BNA_F

ClientSampleId :

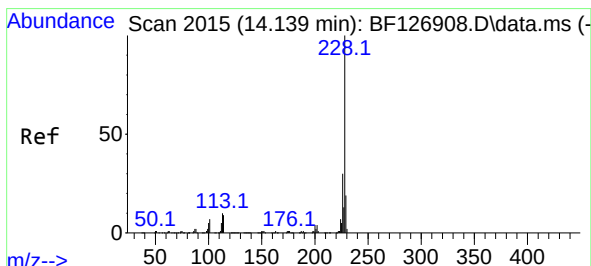
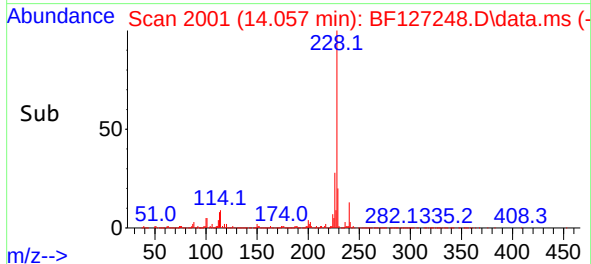
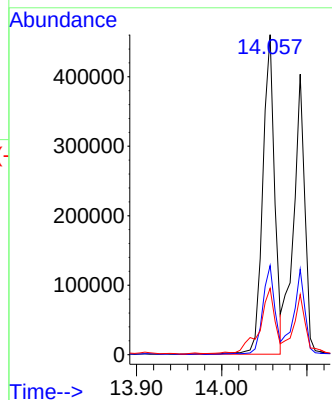
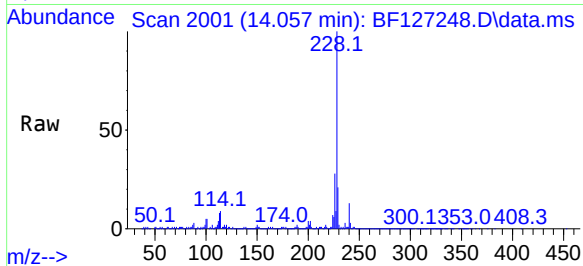
NB-08-030422

Tgt Ion:228 Resp: 447764
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 20.7 15.4 23.2

Manual Integrations

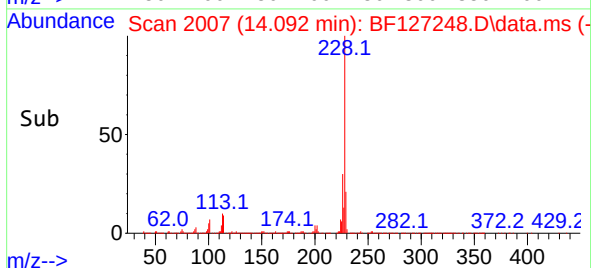
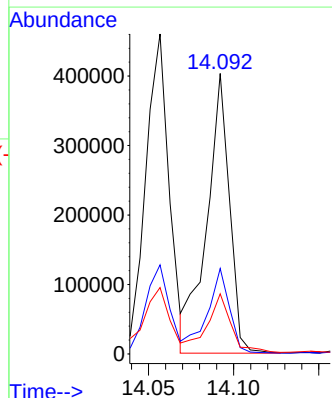
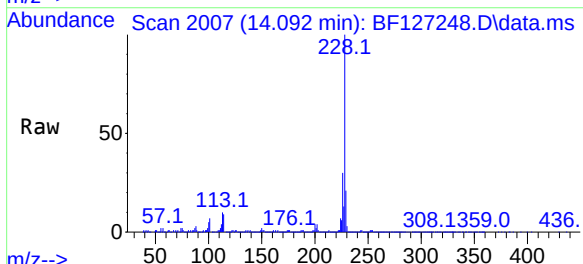
APPROVED

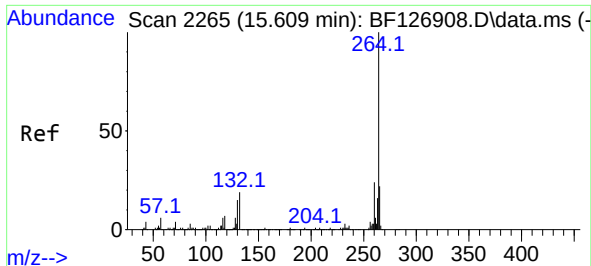
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#83
Chrysene
Concen: 33.341 ng m
RT: 14.092 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Tgt Ion:228 Resp: 371377
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 21.5 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2140
Delta R.T. 0.018 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Instrument :

BNA_F

ClientSampleId :

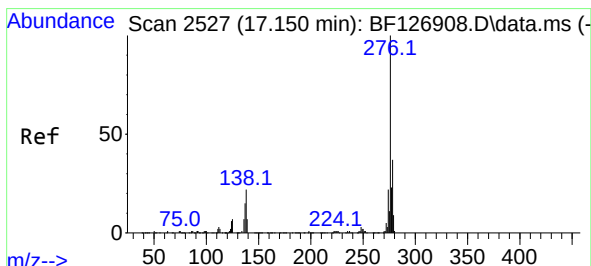
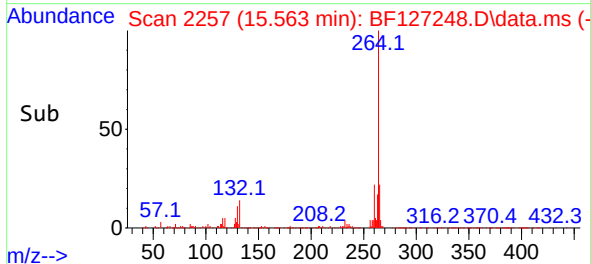
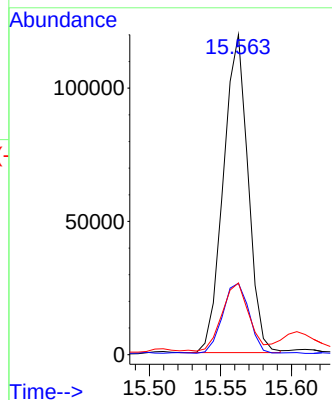
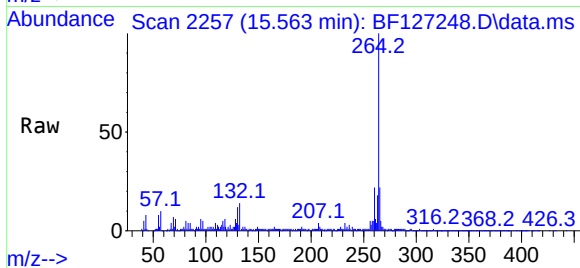
NB-08-030422

Tgt Ion:264 Resp: 144070
Ion Ratio Lower Upper
264 100
260 22.3 19.2 28.8
265 22.4 17.4 26.2

Manual Integrations

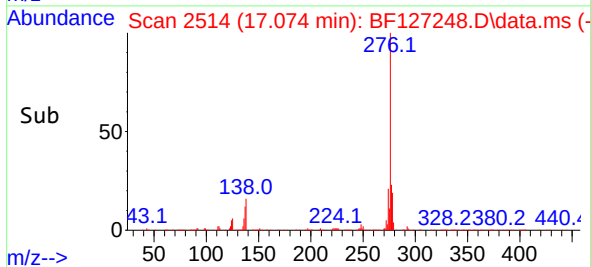
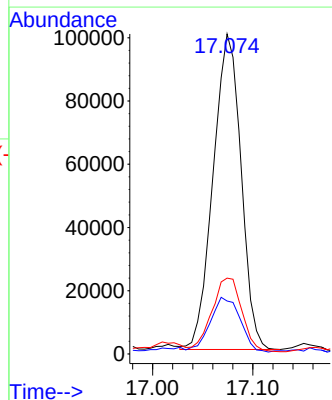
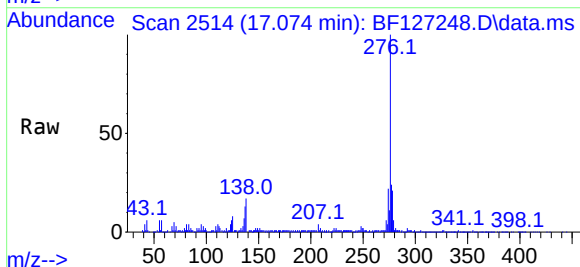
APPROVED

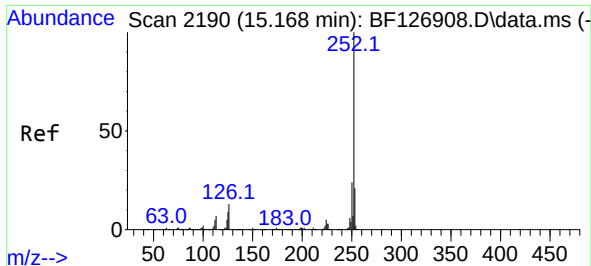
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 20.465 ng
RT: 17.074 min Scan# 2514
Delta R.T. 0.018 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Tgt Ion:276 Resp: 193340
Ion Ratio Lower Upper
276 100
138 18.6 29.2 43.8#
277 25.2 19.8 29.8





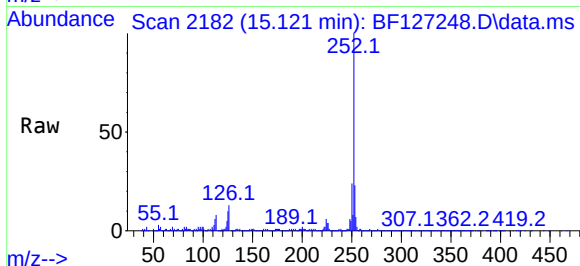
#88
Benzo(b)fluoranthene
Concen: 53.486 ng m
RT: 15.121 min Scan# 2190
Delta R.T. 0.012 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Instrument :

BNF

ClientSampleId :

NB-08-030422

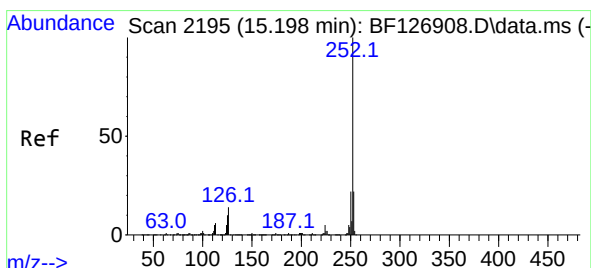
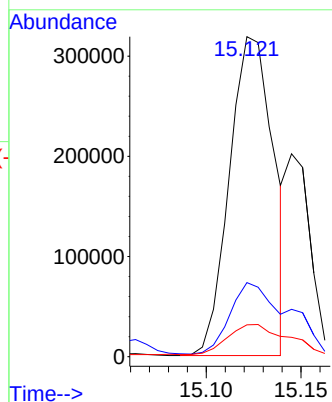
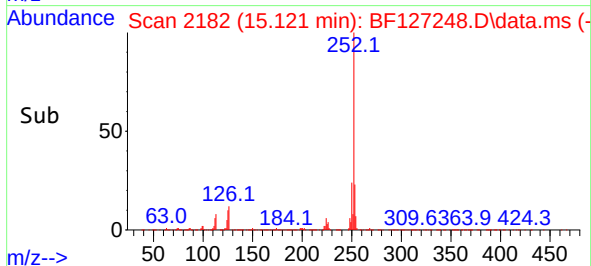


Tgt Ion:252 Resp: 51756
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.0 12.4 18.6

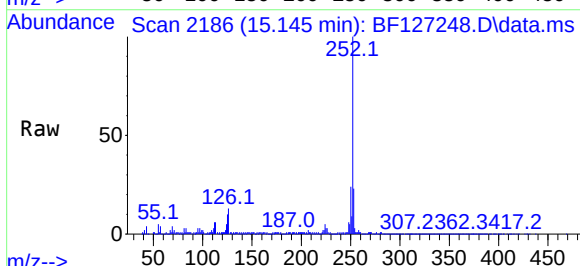
Manual Integrations

APPROVED

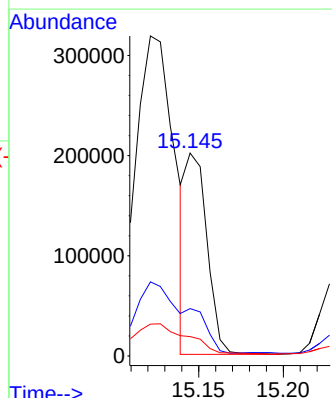
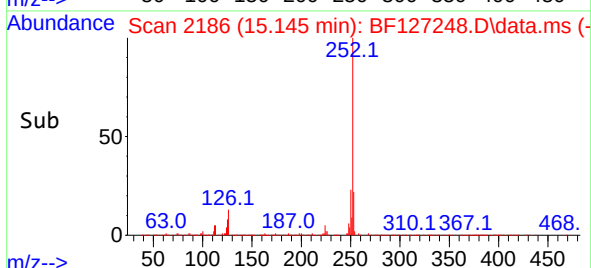
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

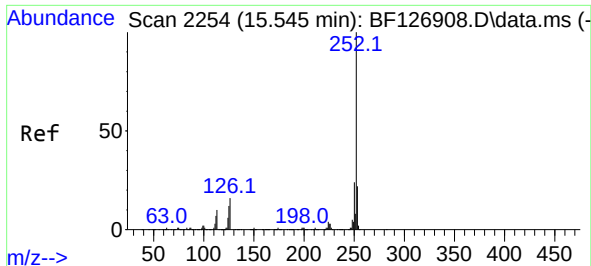


#89
Benzo(k)fluoranthene
Concen: 18.571 ng m
RT: 15.145 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43



Tgt Ion:252 Resp: 173330
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 9.6 11.8 17.6





#90
Benzo(a)pyrene
Concen: 45.920 ng m
RT: 15.498 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Instrument :

BNA_F

ClientSampleId :

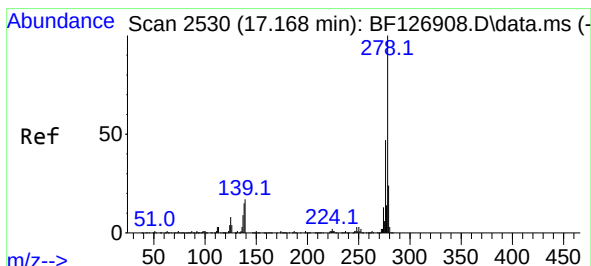
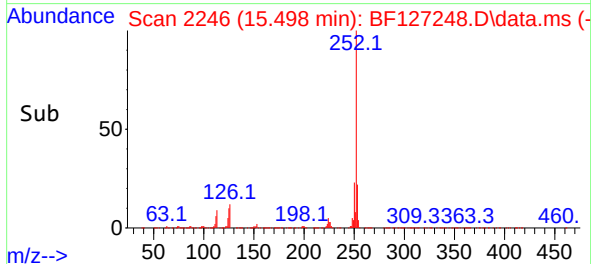
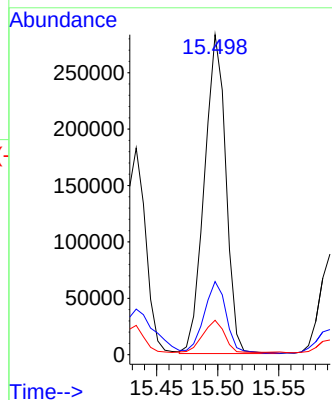
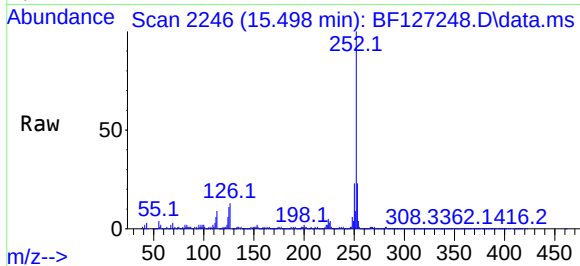
NB-08-030422

Tgt Ion:252 Resp: 34708
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 10.7 13.0 19.6

Manual Integrations

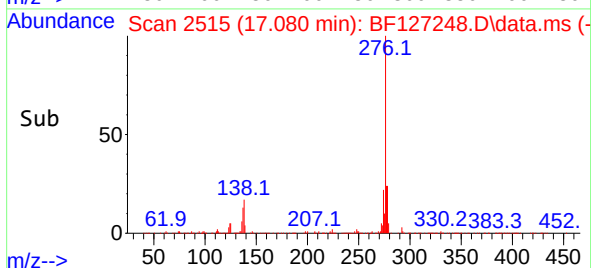
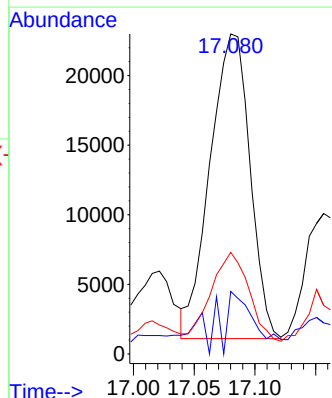
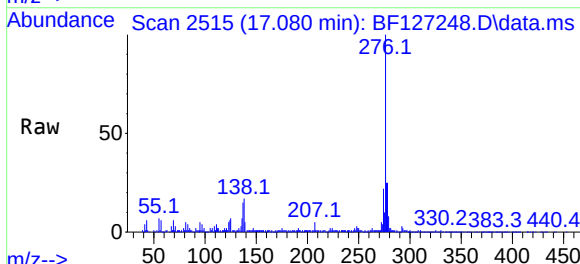
APPROVED

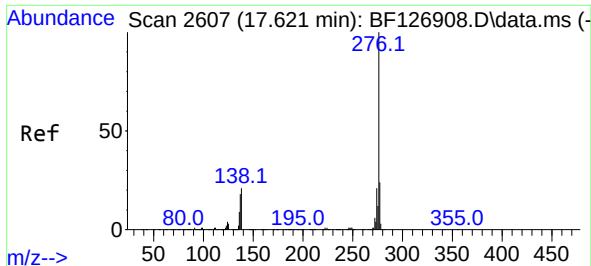
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#91
Dibenzo(a,h)anthracene
Concen: 6.409 ng m
RT: 17.080 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Tgt Ion:278 Resp: 50072
Ion Ratio Lower Upper
278 100
139 19.5 18.0 27.0
279 31.8 18.6 27.8#





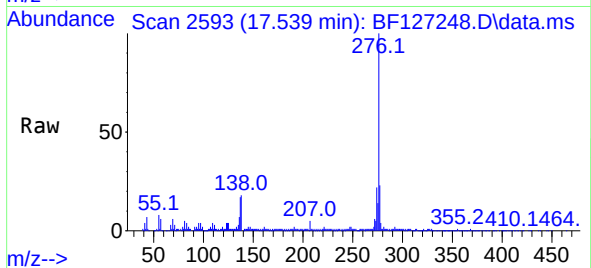
#92
Benzo(g,h,i)perylene
Concen: 22.457 ng
RT: 17.539 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF127248.D
Acq: 08 Mar 2022 04:43

Instrument :

BNA_F

ClientSampleId :

NB-08-030422



Tgt Ion:276 Resp: 17298
Ion Ratio Lower Upper
276 100
277 23.1 18.5 27.7
138 17.8 25.9 38.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022

