

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127185.D
 Acq On : 03 Mar 2022 21:52
 Operator : CG\JU
 Sample : N1726-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 332

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/04/2022
 Supervised By : Jagrut Upadhyay 03/04/2022

Quant Time: Mar 04 02:15:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	103404	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	352415	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	164203	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	248466	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	146012	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	134801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	697615	104.272	ng	0.01
7) Phenol-d6	6.528	99	894238	99.056	ng	0.00
23) Nitrobenzene-d5	7.457	82	605304	77.527	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	199102	105.313	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	841090	75.408	ng	0.00
79) Terphenyl-d14	13.010	244	652173	65.660	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.963	154	46933	4.605	ng	95
55) Dibenzofuran	10.134	168	57142	4.077	ng	91
58) Fluorene	10.481	166	64962m	5.951	ng	
71) Phenanthrene	11.445	178	370534	26.643	ng	99
72) Anthracene	11.498	178	42214	3.049	ng	98
74) Di-n-butylphthalate	11.986	149	1558502	95.484	ng	99
75) Fluoranthene	12.639	202	342901	25.968	ng	93
78) Pyrene	12.869	202	280403	22.105	ng	99
81) Benzo(a)anthracene	14.057	228	103316	10.496	ng	95
83) Chrysene	14.092	228	98564	10.648	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	37988	4.298	ng	# 79
88) Benzo(b)fluoranthene	15.121	252	105472m	11.650	ng	
89) Benzo(k)fluoranthene	15.151	252	38380m	4.395	ng	
90) Benzo(a)pyrene	15.498	252	74013m	10.466	ng	
92) Benzo(g,h,i)perylene	17.527	276	33635	4.667	ng	# 84

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

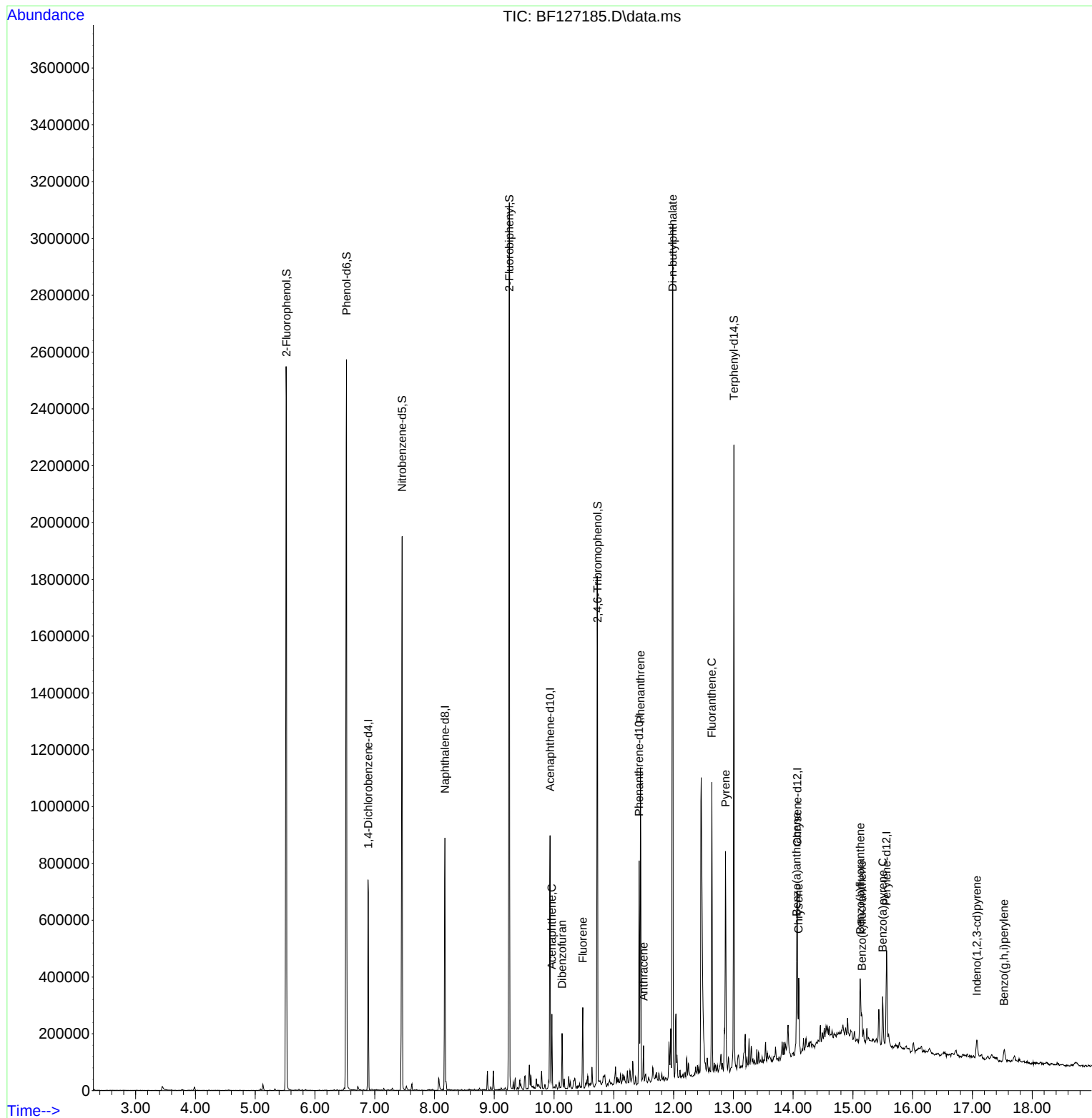
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127185.D
Acq On : 03 Mar 2022 21:52
Operator : CG\JU
Sample : N1726-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

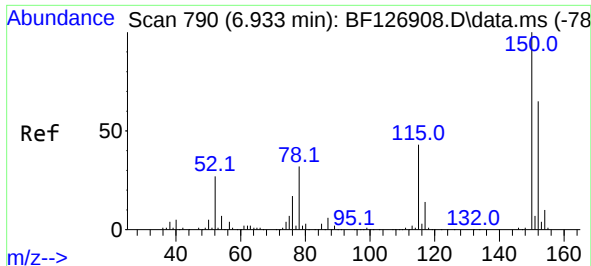
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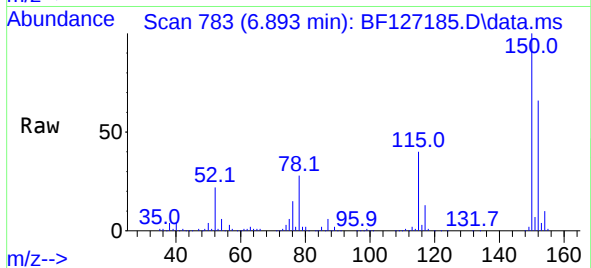
Quant Time: Mar 04 02:15:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

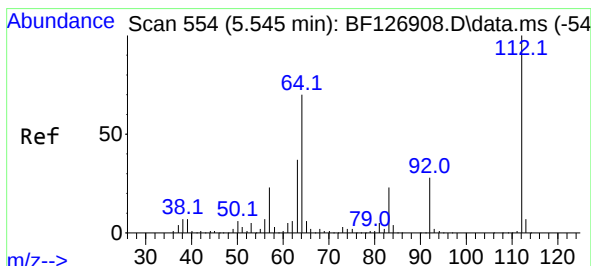
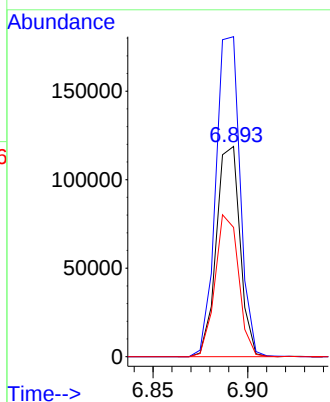
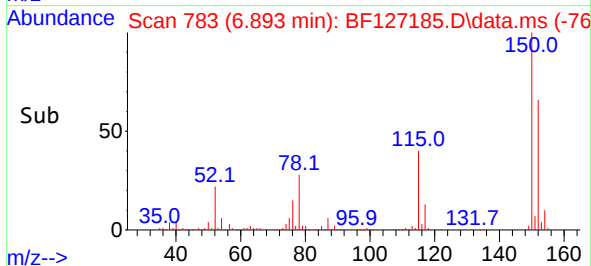
Instrument :
BNA_F
ClientSampleId :
332



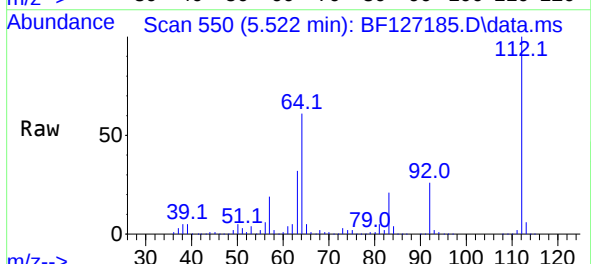
Tgt Ion:152 Resp: 103404
Ion Ratio Lower Upper
152 100
150 152.3 128.1 192.1
115 61.5 56.7 85.1

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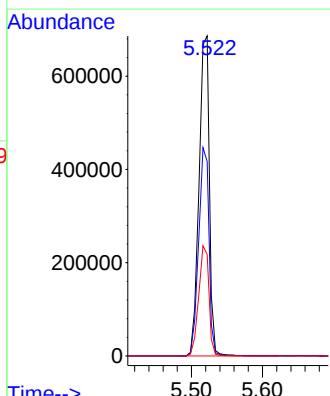
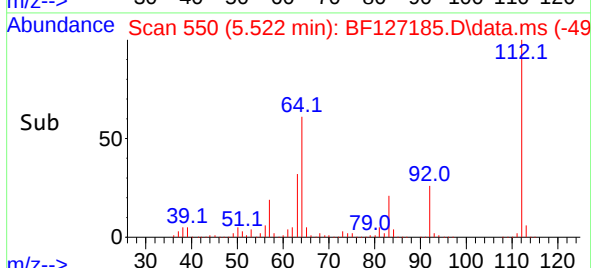
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

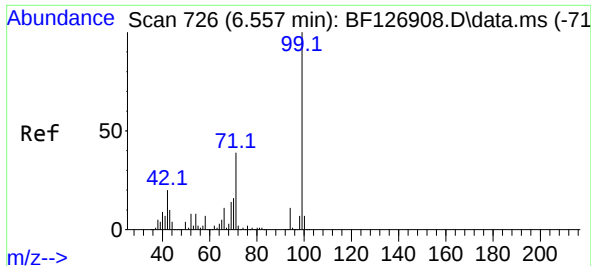


#5
2-Fluorophenol
Concen: 104.272 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



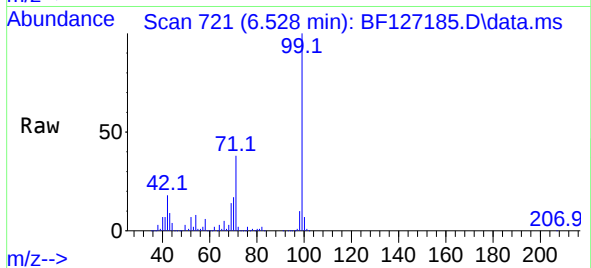
Tgt Ion:112 Resp: 697615
Ion Ratio Lower Upper
112 100
64 60.8 49.5 74.3
63 31.7 23.9 35.9





#7
Phenol-d6
Concen: 99.056 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

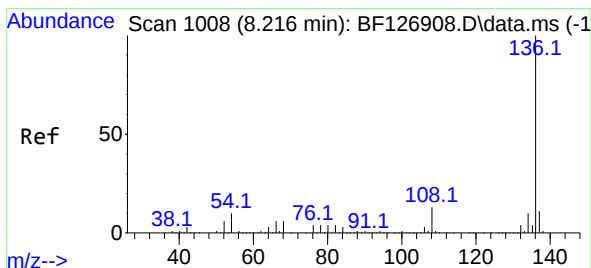
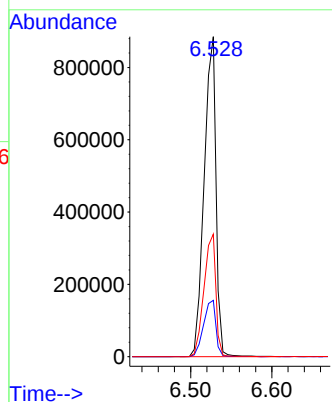
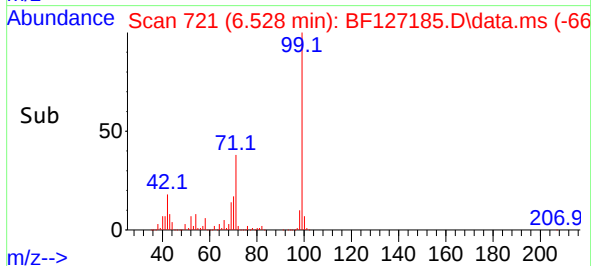
Instrument :
BNA_F
ClientSampleId :
332



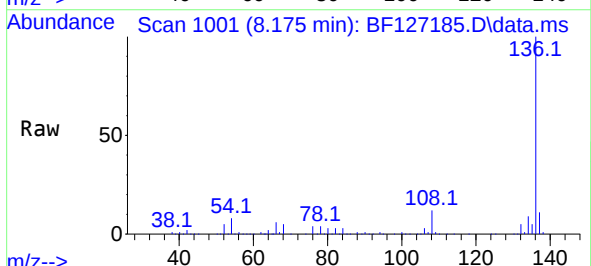
Tgt Ion: 99 Resp: 894238
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 38.3 24.3 36.5

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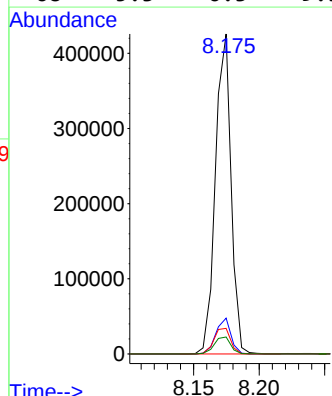
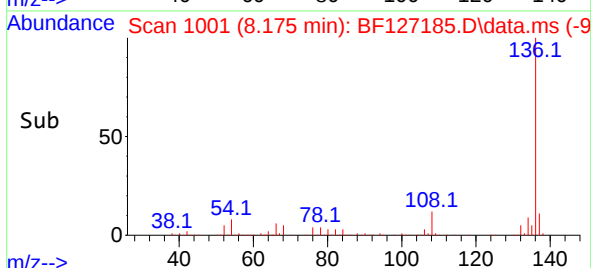
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



Tgt Ion:136 Resp: 352415
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.0 7.8 11.6
68 5.3 6.3 9.5





#23

Nitrobenzene-d5

Concen: 77.527 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127185.D

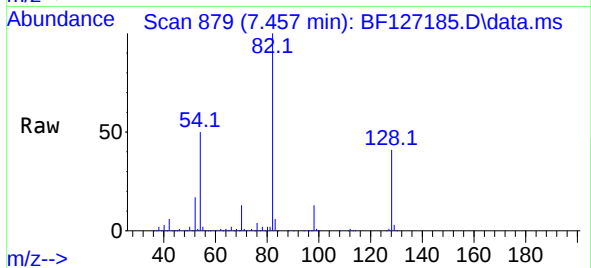
Acq: 03 Mar 2022 21:52

Instrument :

BNA_F

ClientSampleId :

332



Tgt Ion: 82 Resp: 605304

Ion Ratio Lower Upper

82 100

128 40.8 32.7 49.1

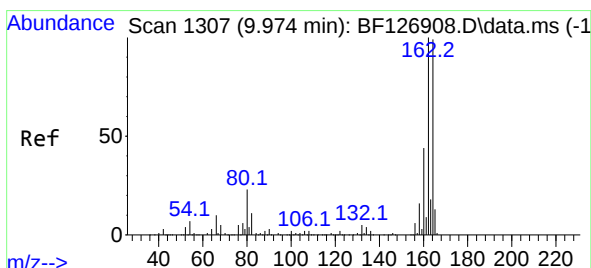
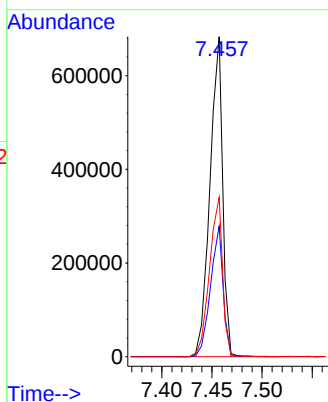
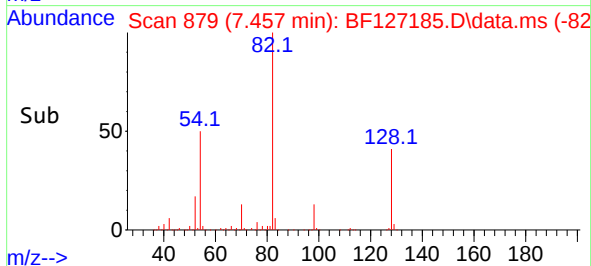
54 49.8 41.7 62.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF127185.D

Acq: 03 Mar 2022 21:52

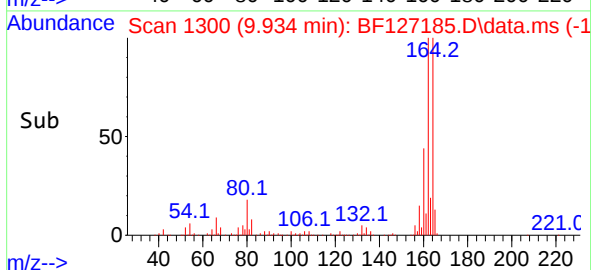
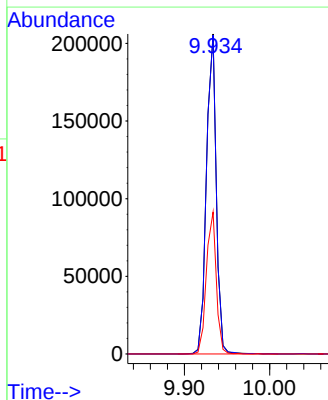
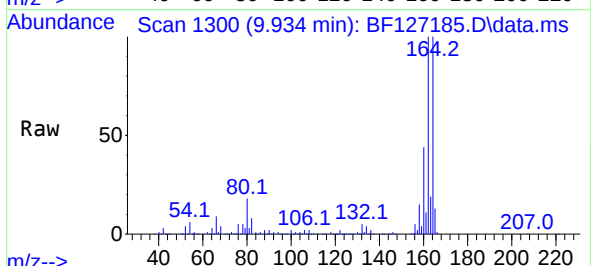
Tgt Ion:164 Resp: 164203

Ion Ratio Lower Upper

164 100

162 99.6 81.4 122.0

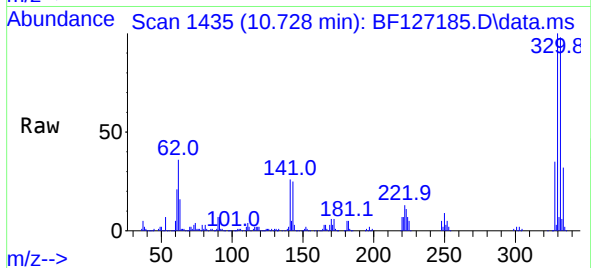
160 44.4 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 105.313 ng
RT: 10.728 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

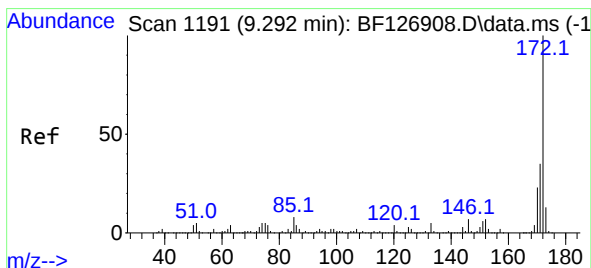
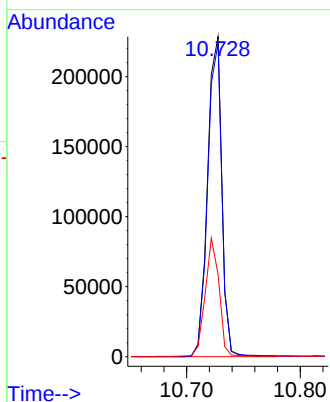
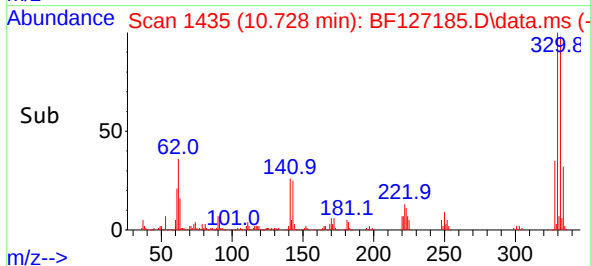
Instrument :
BNA_F
ClientSampleId :
332



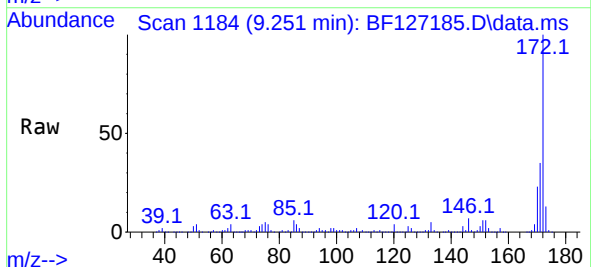
Tgt Ion:330 Resp: 19910
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 36.6 30.1 45.1

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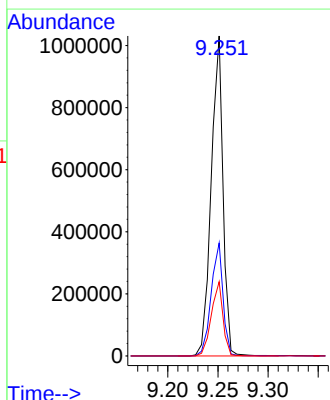
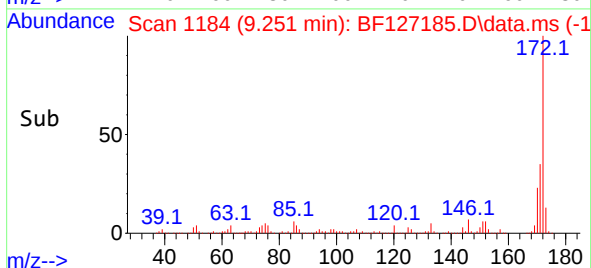
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

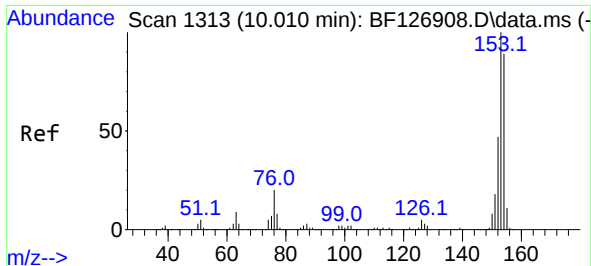


#45
2-Fluorobiphenyl
Concen: 75.408 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



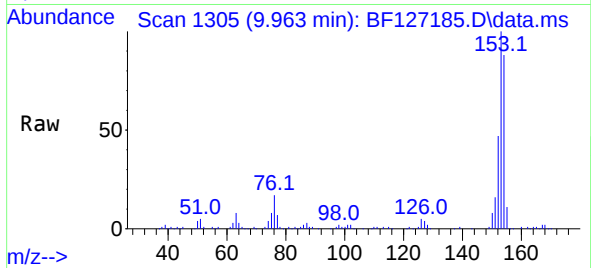
Tgt Ion:172 Resp: 841090
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.0 28.6





#52
Acenaphthene
Concen: 4.605 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

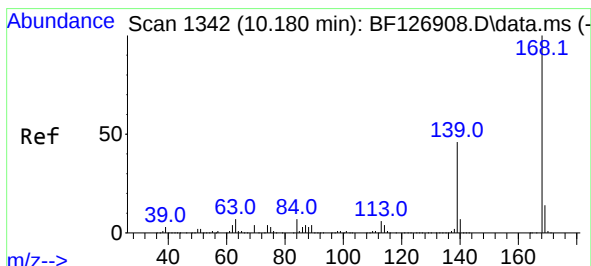
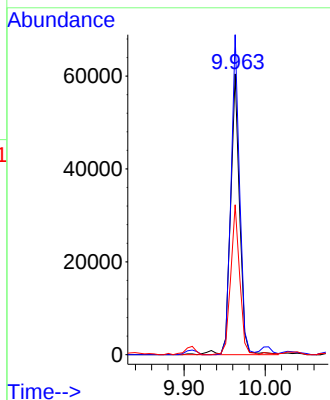
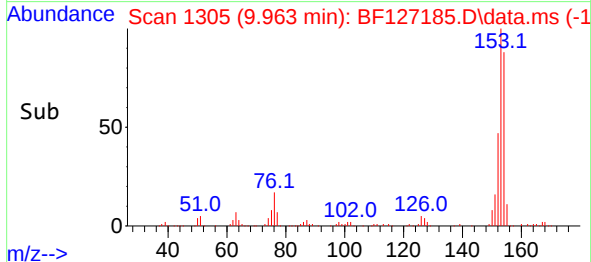
Instrument :
BNA_F
ClientSampleId :
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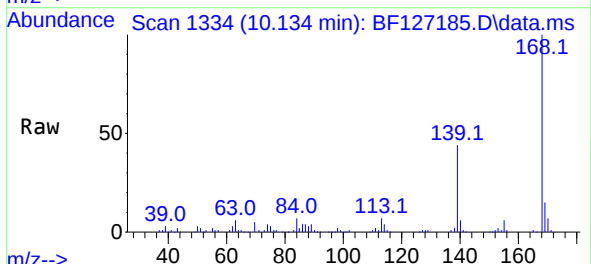
Tgt Ion:154 Resp: 4693
Ion Ratio Lower Upper
154 100
153 113.9 87.8 131.6
152 53.4 39.4 59.2

Manual Integrations
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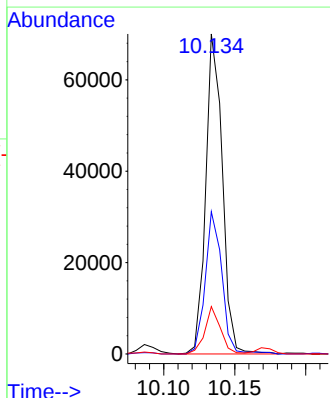
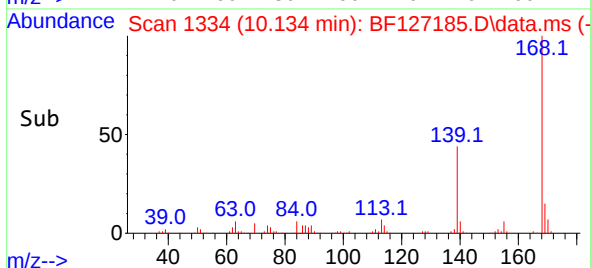
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

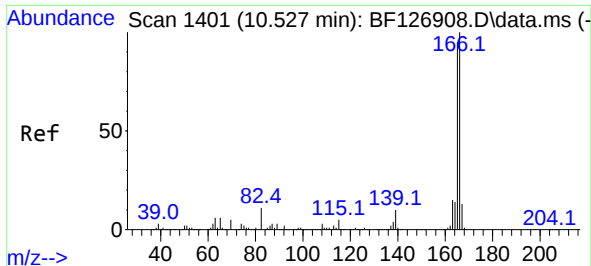


#55
Dibenzofuran
Concen: 4.077 ng
RT: 10.134 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



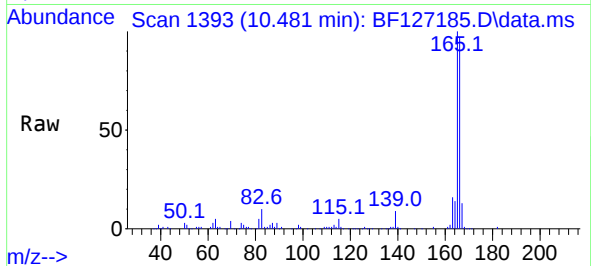
Tgt Ion:168 Resp: 57142
Ion Ratio Lower Upper
168 100
139 44.4 30.6 46.0
169 14.8 10.0 15.0





#58
Fluorene
Concen: 5.951 ng m
RT: 10.481 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

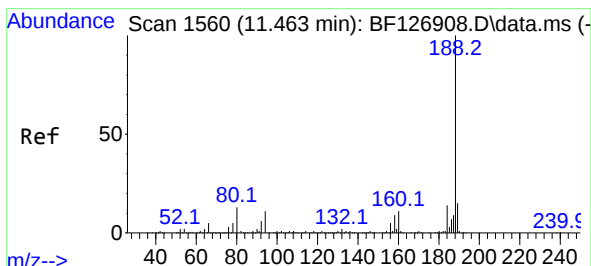
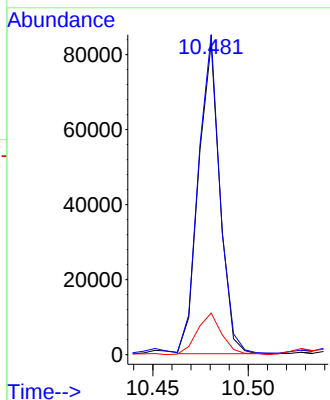
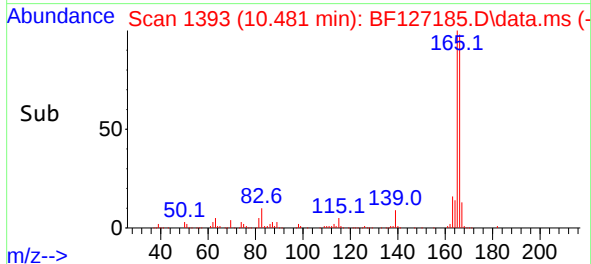
Instrument :
BNA_F
ClientSampleId :
332



Tgt Ion:166 Resp: 64962
Ion Ratio Lower Upper
166 100
165 102.7 77.7 116.5
167 13.4 10.7 16.1

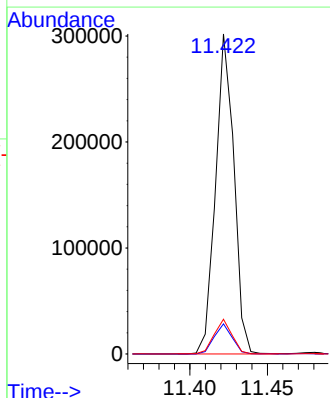
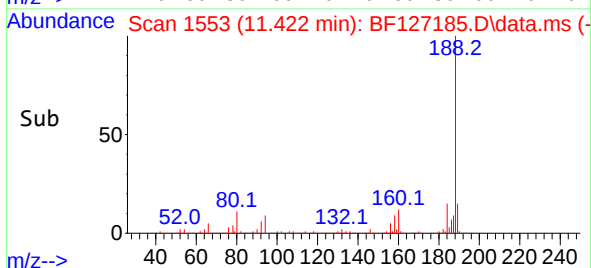
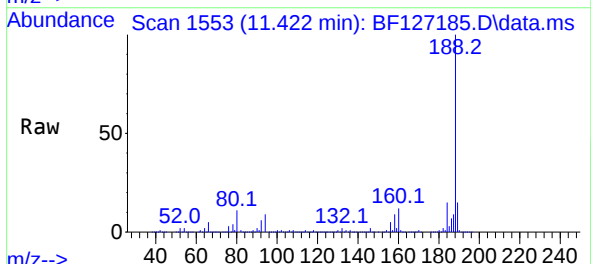
Manual Integrations
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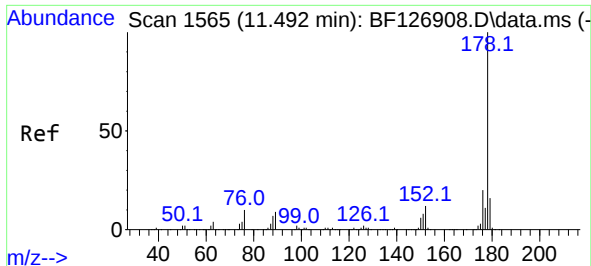
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

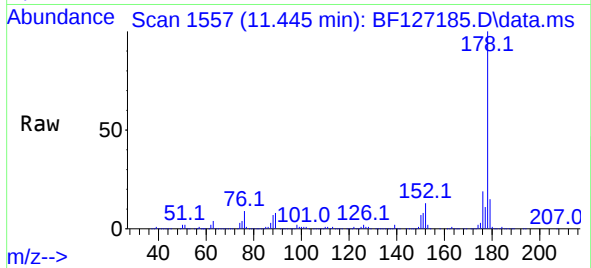
Tgt Ion:188 Resp: 248466
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 10.8 11.8 17.6#





#71
Phenanthrene
Concen: 26.643 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

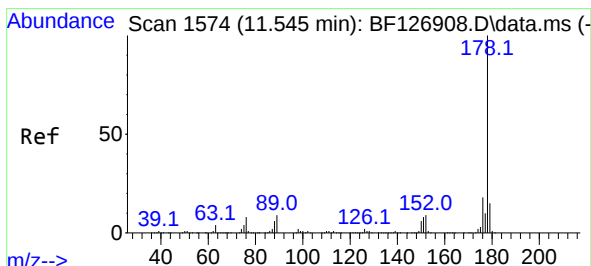
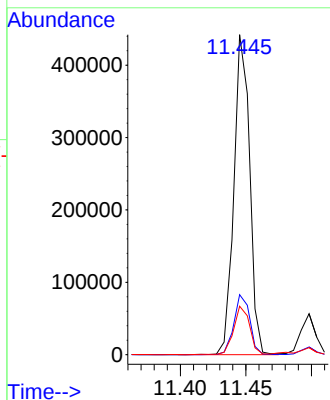
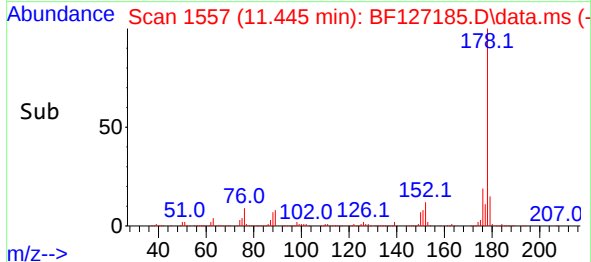
Instrument :
BNA_F
ClientSampleId :
332



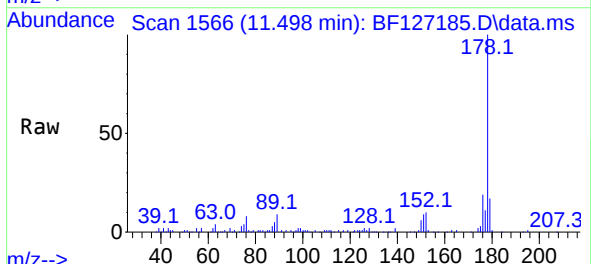
Tgt Ion:178 Resp: 370534
Ion Ratio Lower Upper
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176 18.8 15.7 23.5
179 15.2 12.3 18.5

Manual Integrations
APPROVED

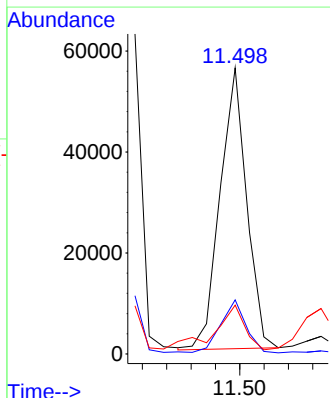
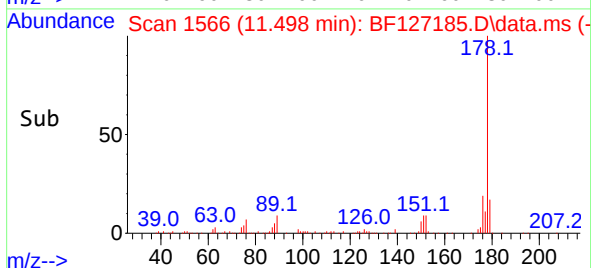
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

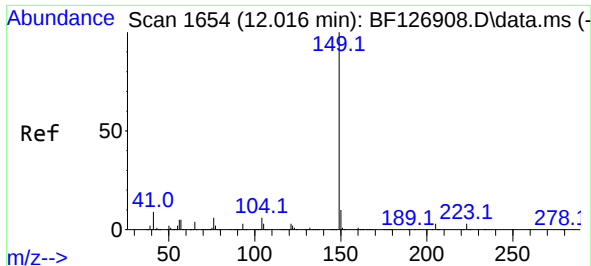


#72
Anthracene
Concen: 3.049 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



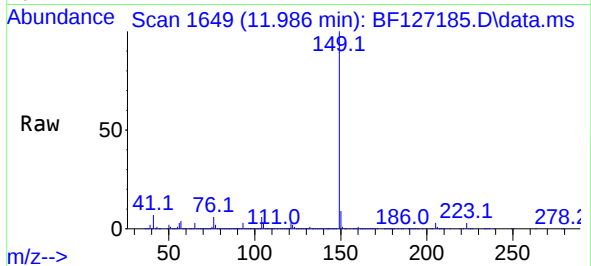
Tgt Ion:178 Resp: 42214
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 17.1 12.5 18.7





#74
Di-n-butylphthalate
Concen: 95.484 ng
RT: 11.986 min Scan# 11986
Delta R.T. 0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

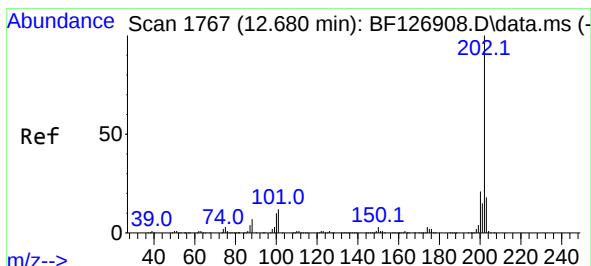
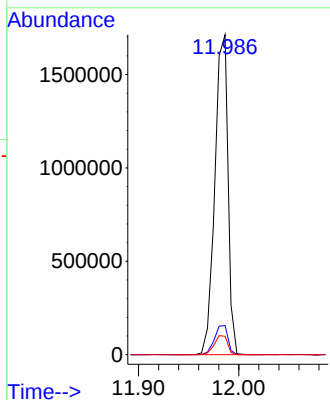
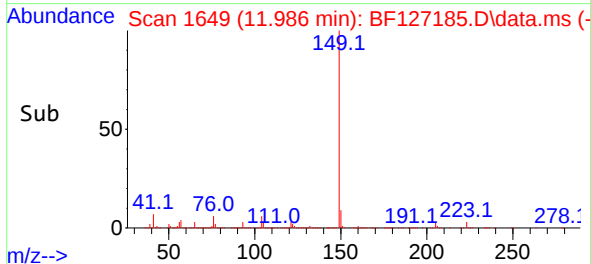
Instrument :
BNA_F
ClientSampleId :
332



Tgt Ion:149 Resp: 1558502
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.7 4.2 6.2

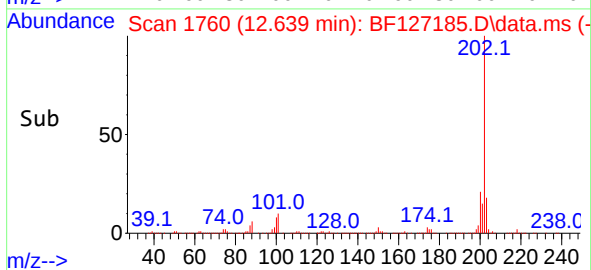
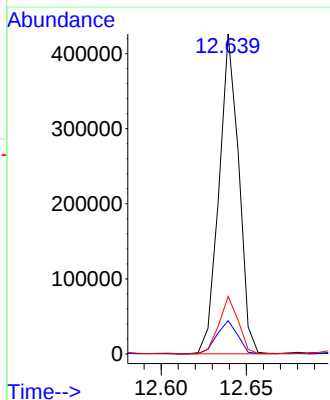
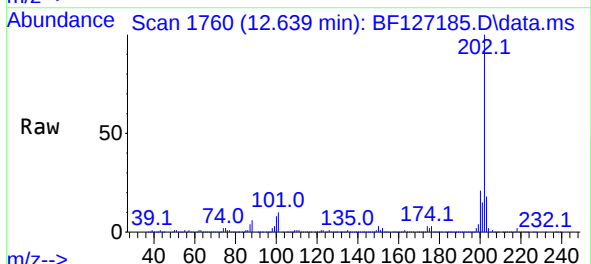
Manual Integrations
APPROVED

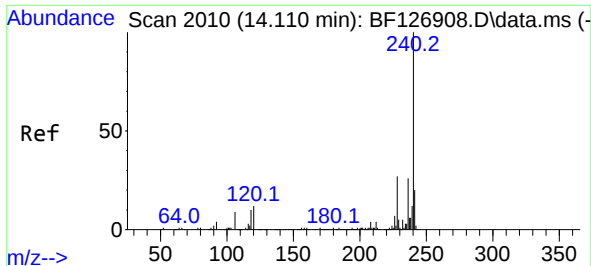
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#75
Fluoranthene
Concen: 25.968 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

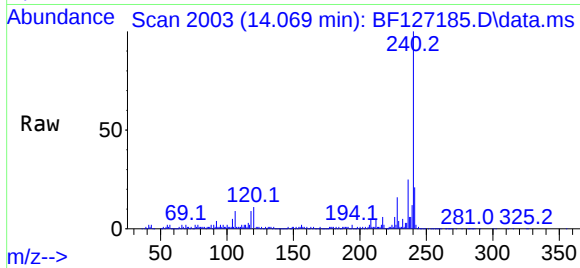
Tgt Ion:202 Resp: 342901
Ion Ratio Lower Upper
202 100
101 10.4 0.0 35.7
203 18.0 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

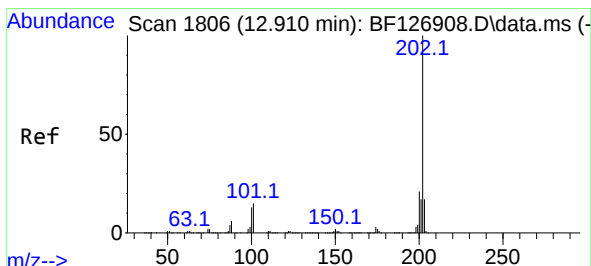
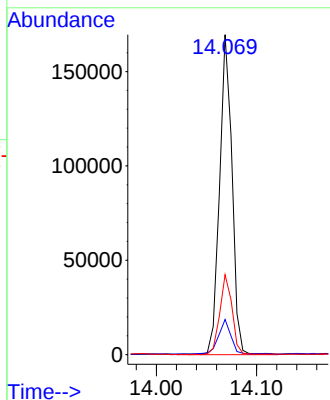
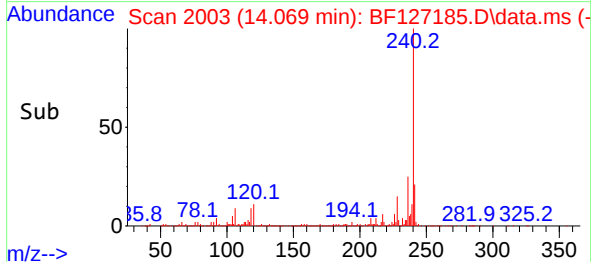
Instrument :
BNA_F
ClientSampleId :
332



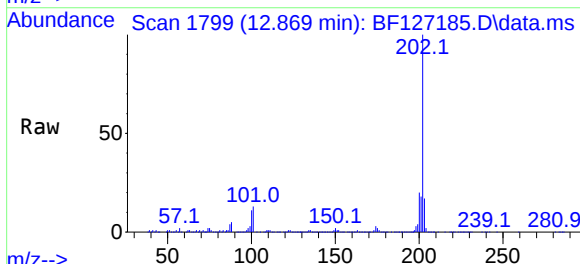
Tgt Ion:240 Resp: 146012
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6
236 25.0 20.5 30.7

Manual Integrations
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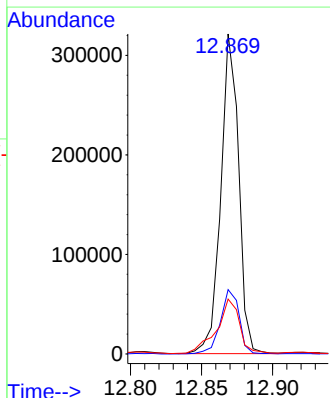
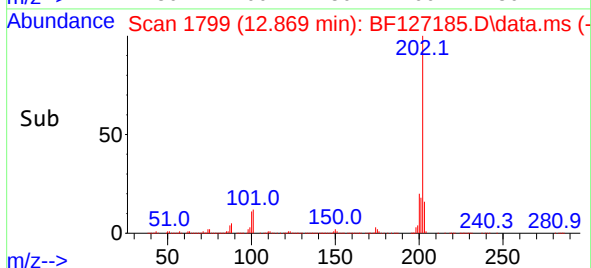
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

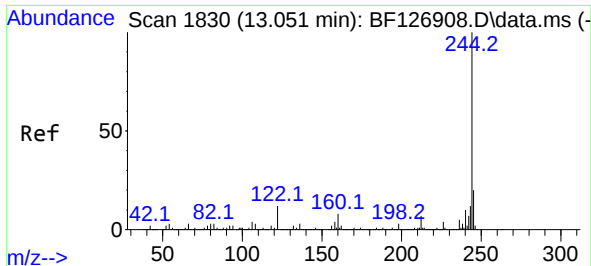


#78
Pyrene
Concen: 22.105 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



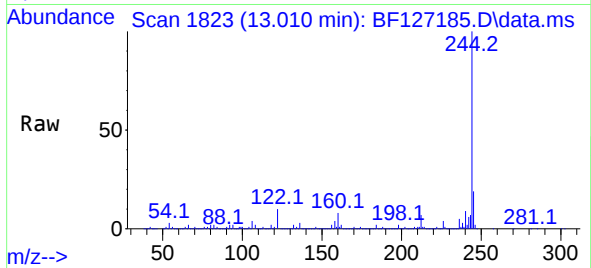
Tgt Ion:202 Resp: 280403
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.2 13.8 20.8





#79
Terphenyl-d14
Concen: 65.660 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

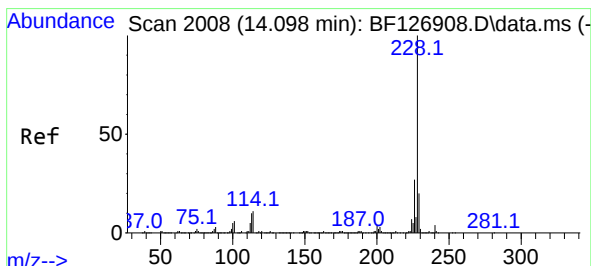
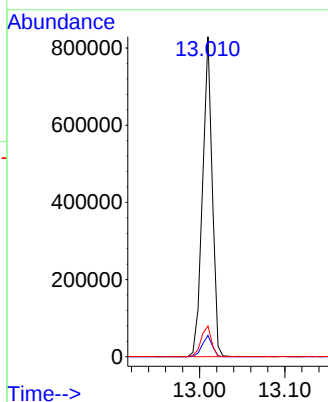
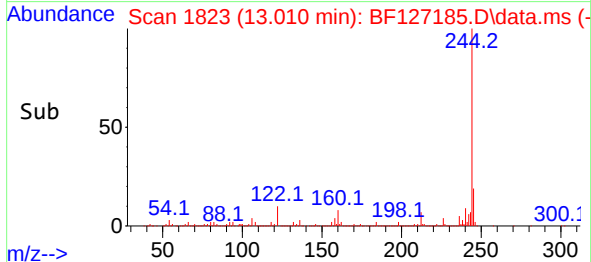
Instrument :
BNA_F
ClientSampleId :
332



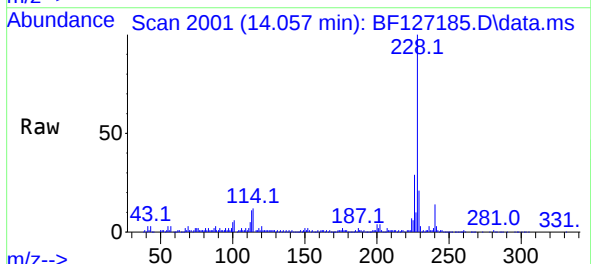
Tgt Ion:244 Resp: 65217
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 9.6 13.3 19.9

Manual Integrations
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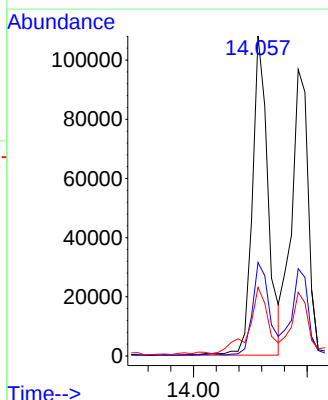
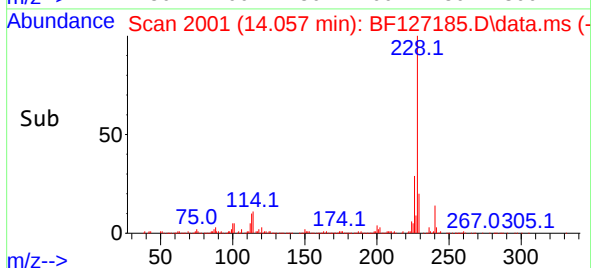
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

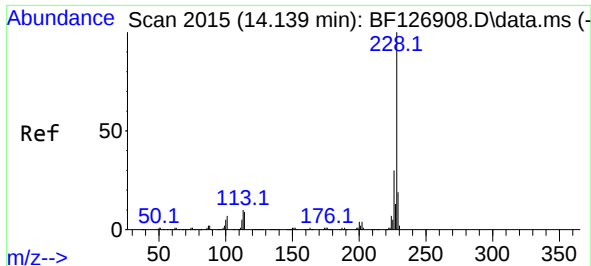


#81
Benzo(a)anthracene
Concen: 10.496 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



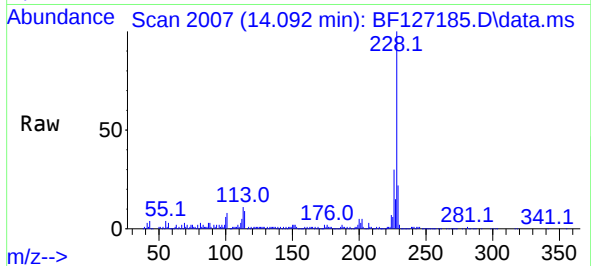
Tgt Ion:228 Resp: 103316
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.0
229 21.5 15.4 23.2





#83
Chrysene
Concen: 10.648 ng
RT: 14.092 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

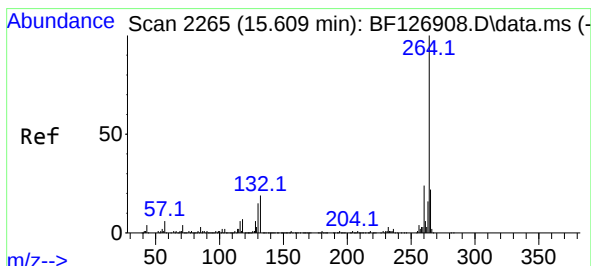
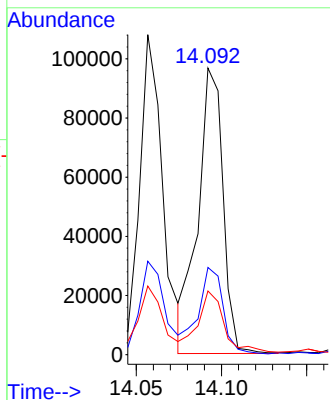
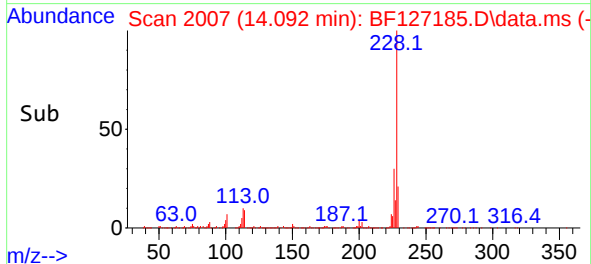
Instrument :
BNA_F
ClientSampleId :
332



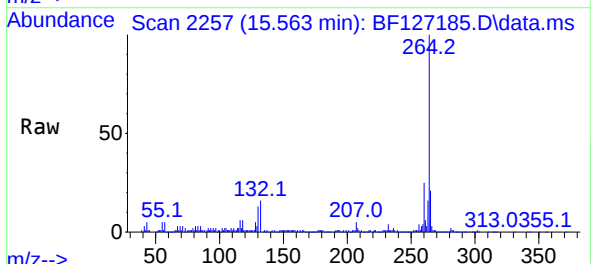
Tgt Ion:228 Resp: 98564
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 22.2 15.5 23.3

Manual Integrations
APPROVED

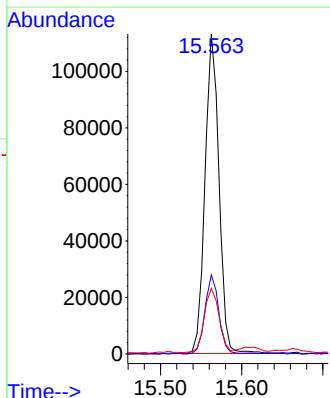
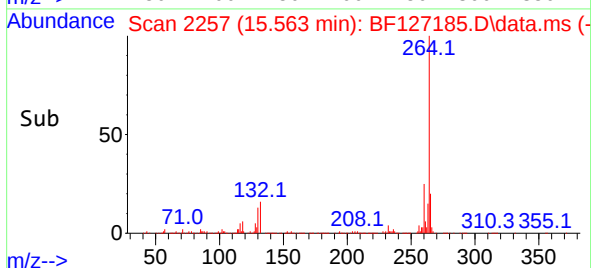
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

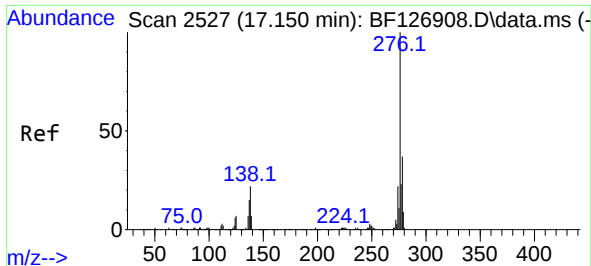


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52



Tgt Ion:264 Resp: 134801
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 20.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.298 ng
RT: 17.074 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

Instrument :

BNA_F

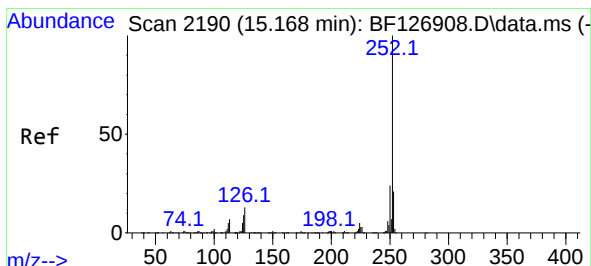
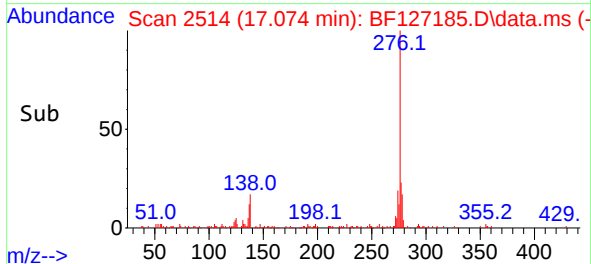
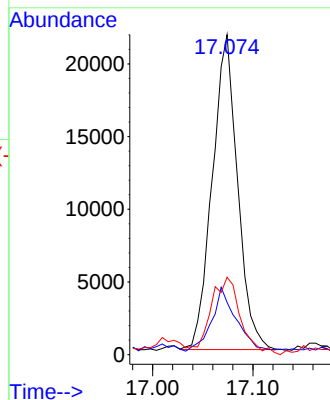
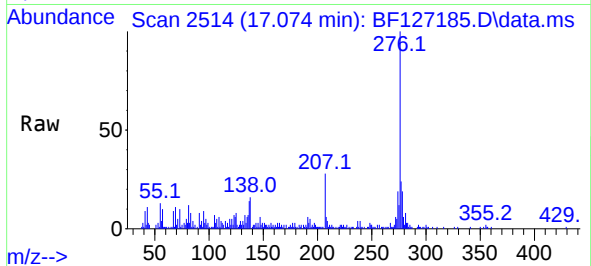
ClientSampleId :

332

Tgt Ion:276 Resp: 3798
Ion Ratio Lower Upper
276 100
138 19.5 29.2 43.8
277 29.2 19.8 29.8

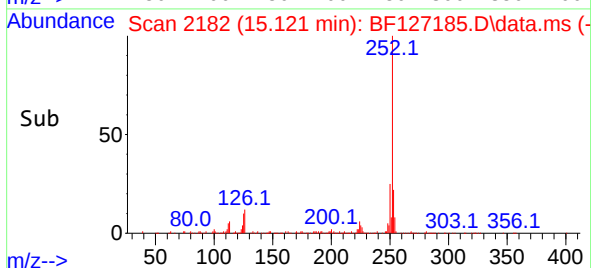
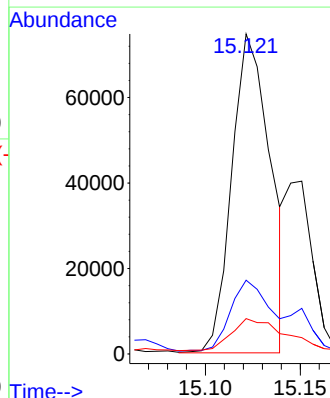
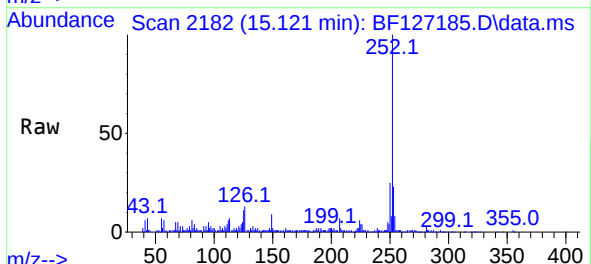
Manual Integrations
APPROVED

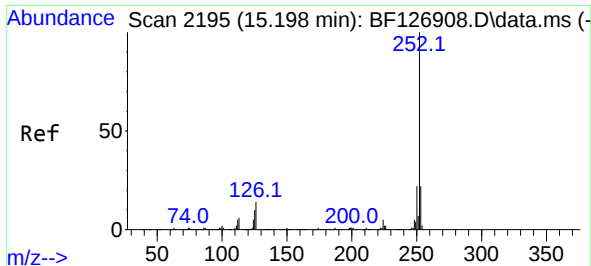
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#88
Benzo(b)fluoranthene
Concen: 11.650 ng m
RT: 15.121 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

Tgt Ion:252 Resp: 105472
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.1 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 4.395 ng m

RT: 15.151 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF127185.D

Acq: 03 Mar 2022 21:52

Instrument :

BNA_F

ClientSampleId :

332

Tgt Ion:252 Resp: 38380

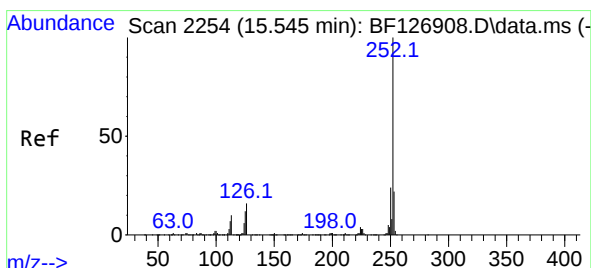
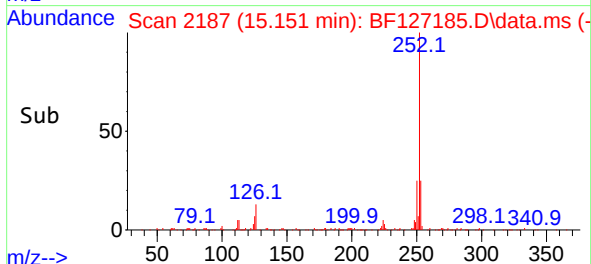
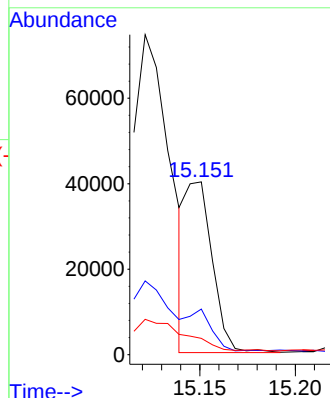
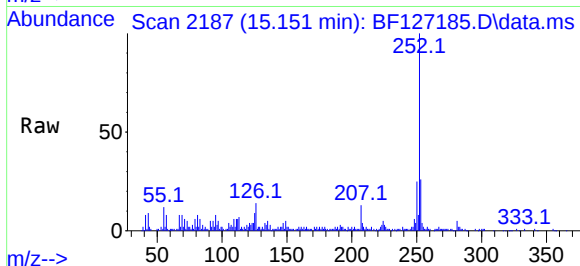
Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.5	26.3
125	9.5	11.8	17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/04/2022

Supervised By :Jagrut Upadhyay 03/04/2022



#90

Benzo(a)pyrene

Concen: 10.466 ng m

RT: 15.498 min Scan# 2246

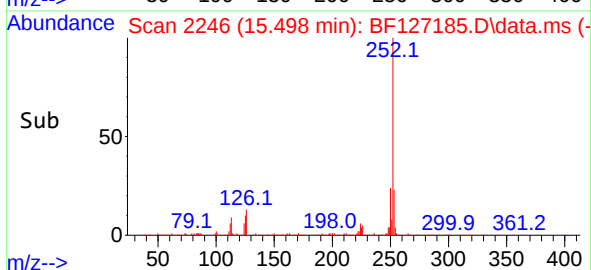
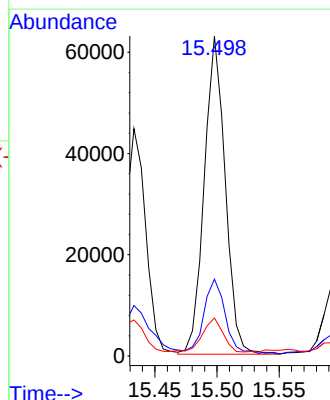
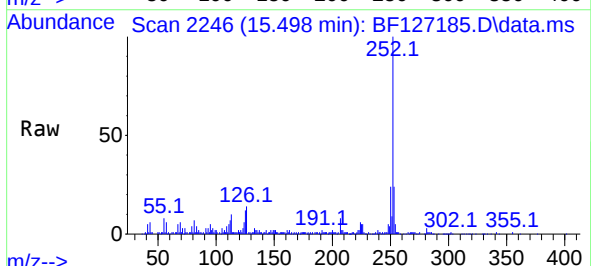
Delta R.T. -0.006 min

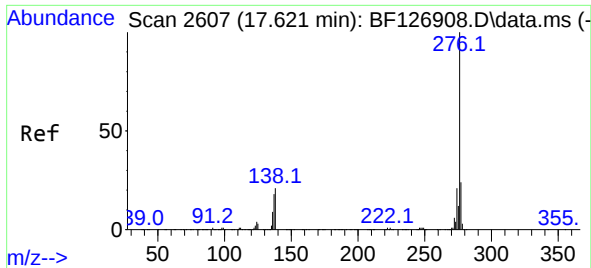
Lab File: BF127185.D

Acq: 03 Mar 2022 21:52

Tgt Ion:252 Resp: 74013

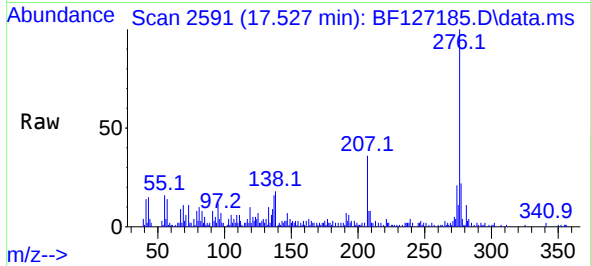
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.9	13.0	19.6





#92
Benzo(g,h,i)perylene
Concen: 4.667 ng
RT: 17.527 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF127185.D
Acq: 03 Mar 2022 21:52

Instrument :
BNA_F
ClientSampleId :
332



Tgt Ion:276 Resp: 3363
Ion Ratio Lower Upper
276 100
277 22.0 18.5 27.7
138 17.6 25.9 38.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

