

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127751.D
 Acq On : 11 Apr 2022 21:17
 Operator : CG\JU
 Sample : N2336-02 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C150-CU

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 04:56:54 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 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	138978	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	490243	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	252535	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	357921	20.000	ng	0.00
76) Chrysene-d12	14.157	240	287540	20.000	ng	0.00
86) Perylene-d12	15.686	264	205929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	341051	39.875	ng	0.00
7) Phenol-d6	6.581	99	471255	42.117	ng	0.00
23) Nitrobenzene-d5	7.528	82	327564	29.788	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	87960	32.731	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	583988	32.714	ng	0.00
79) Terphenyl-d14	13.092	244	423927	24.335	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.527	178	106998	5.642	ng	99
75) Fluoranthene	12.721	202	133296	6.441	ng	99
78) Pyrene	12.951	202	117080	4.822	ng	99
81) Benzo(a)anthracene	14.145	228	50053	2.606	ng	# 91
83) Chrysene	14.180	228	49973	2.711	ng	94
88) Benzo(b)fluoranthene	15.227	252	53838m	4.064	ng	
90) Benzo(a)pyrene	15.615	252	29066	2.699	ng	# 59

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

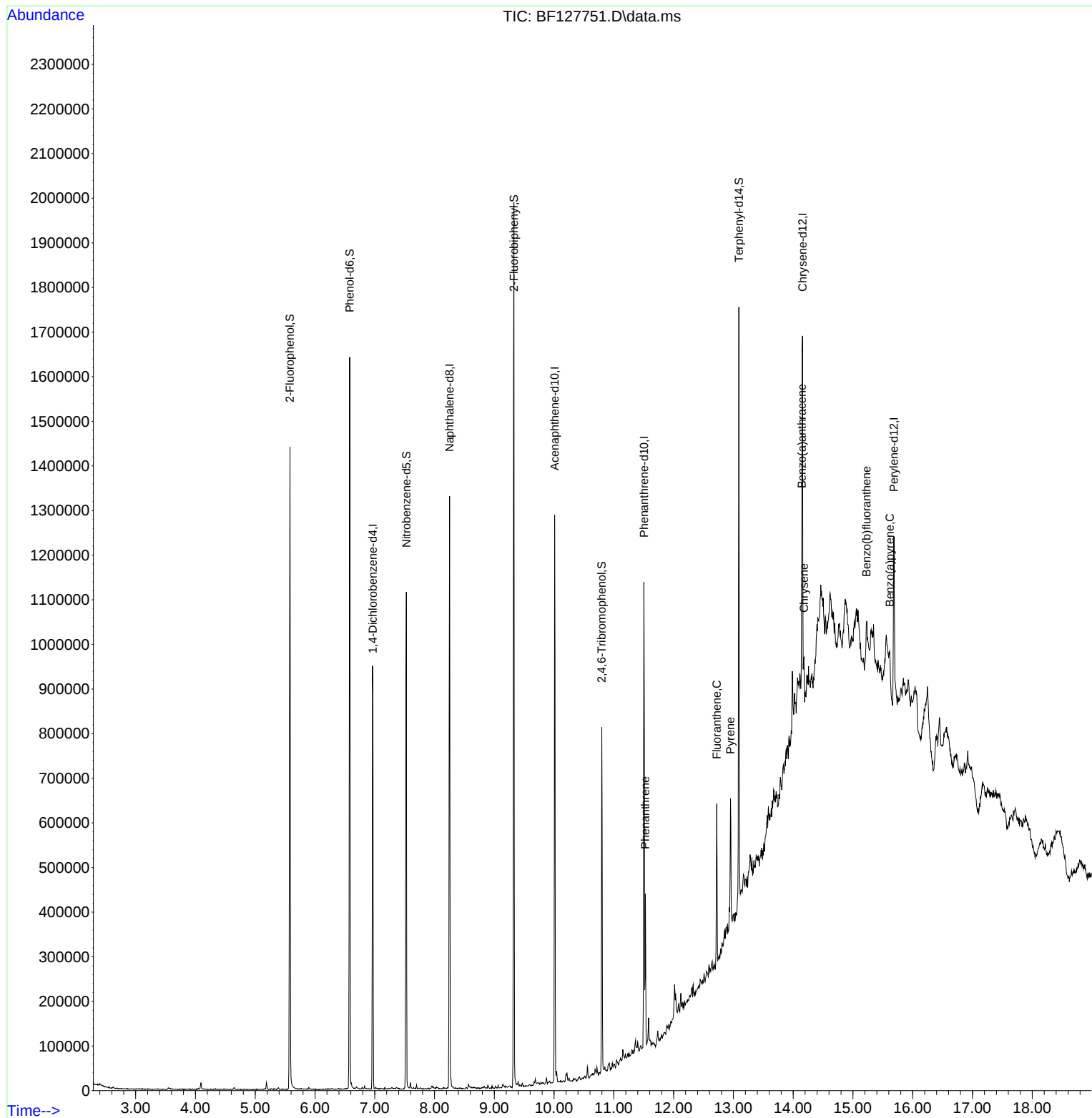
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
Data File : BF127751.D
Acq On : 11 Apr 2022 21:17
Operator : CG\JU
Sample : N2336-02 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

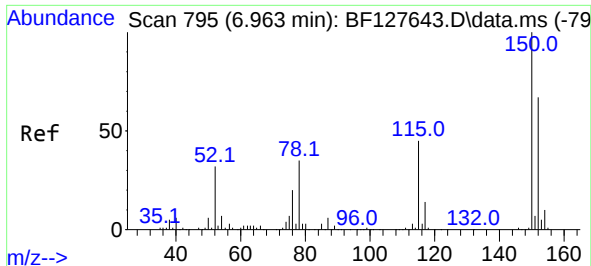
Instrument :
BNA_F
ClientSampleId :
C150-CU

Quant Time: Apr 12 04:56:54 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 06 13:55:27 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

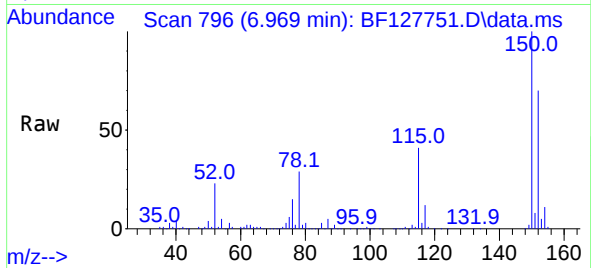
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

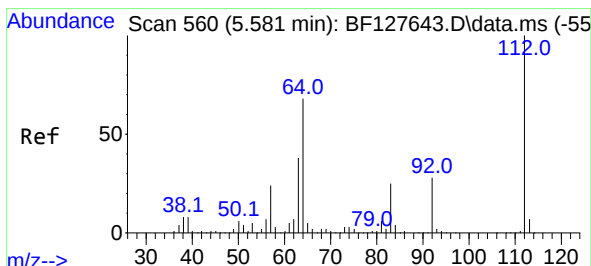
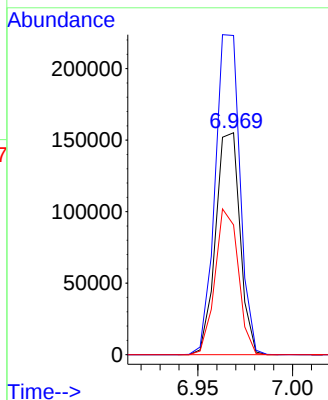
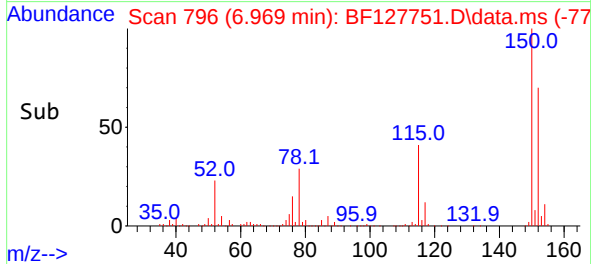
Instrument :
BNA_F
ClientSampleId :
C150-CU



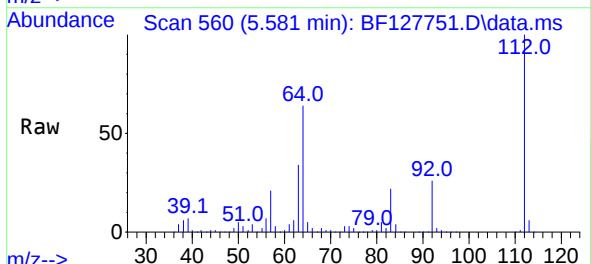
Tgt Ion:152 Resp: 138978
Ion Ratio Lower Upper
152 100
150 143.8 117.2 175.8
115 58.5 49.8 74.6

Manual Integrations
APPROVED

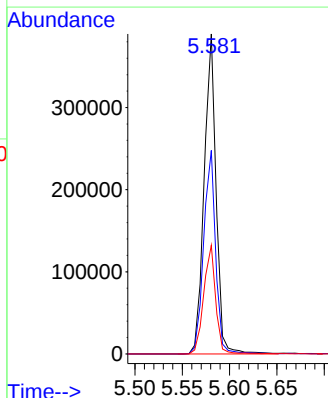
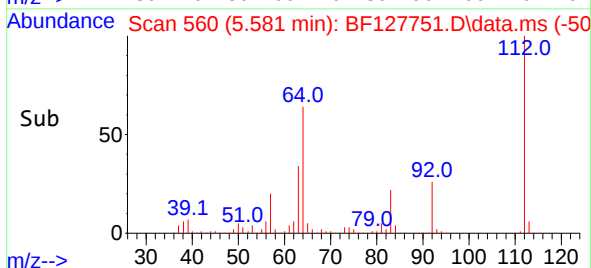
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#5
2-Fluorophenol
Concen: 39.875 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17



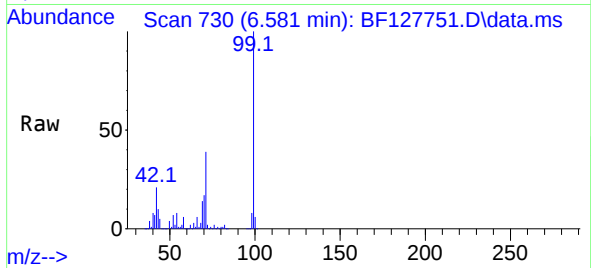
Tgt Ion:112 Resp: 341051
Ion Ratio Lower Upper
112 100
64 63.6 58.4 87.6
63 33.9 30.1 45.1





#7
Phenol-d6
Concen: 42.117 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

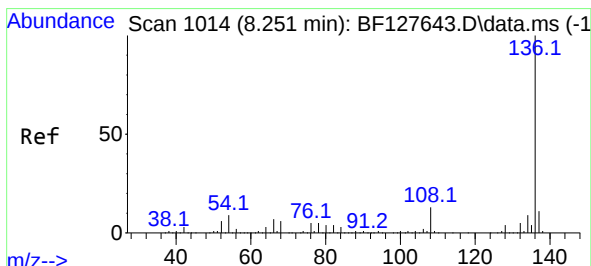
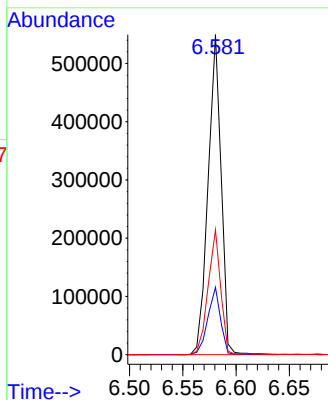
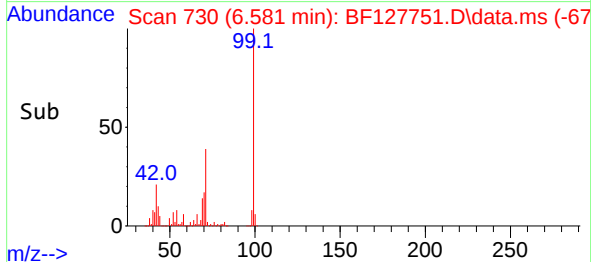
Instrument :
BNA_F
ClientSampleId :
C150-CU



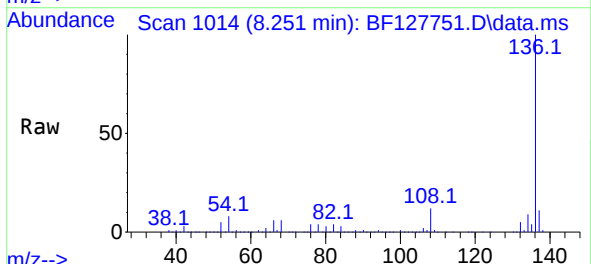
Tgt Ion: 99 Resp: 47125
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 39.1 29.6 44.4

Manual Integrations
APPROVED

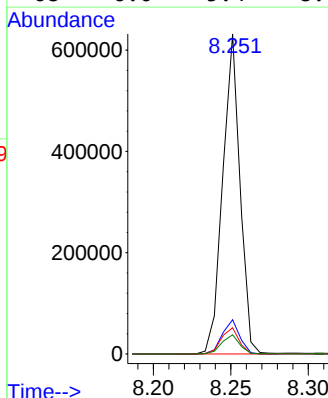
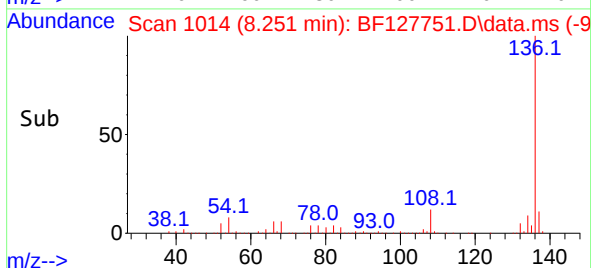
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

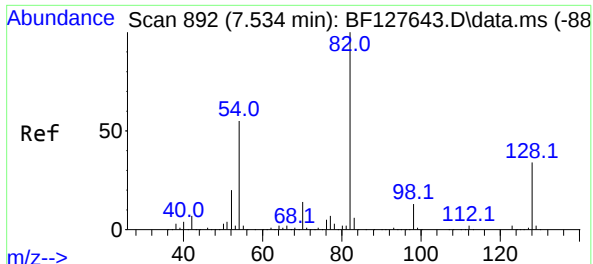


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17



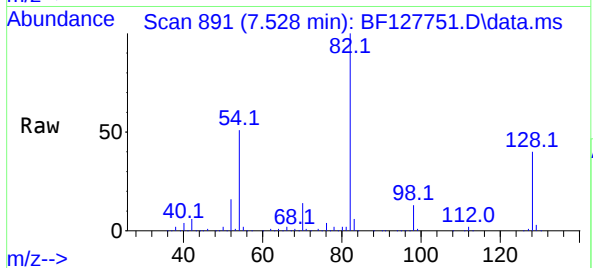
Tgt Ion:136 Resp: 490243
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 9.2 13.8#
68 6.0 5.4 8.0





#23
Nitrobenzene-d5
Concen: 29.788 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

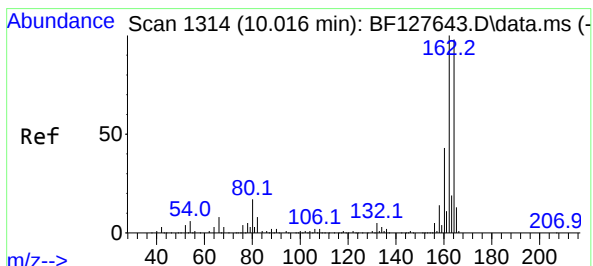
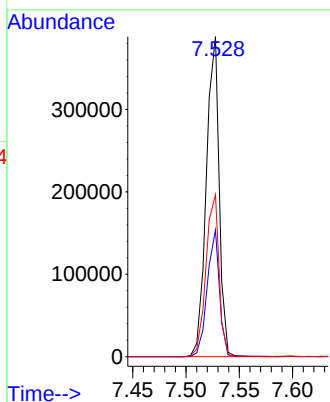
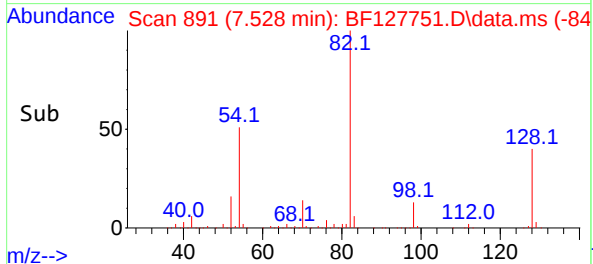
Instrument :
BNA_F
ClientSampleId :
C150-CU



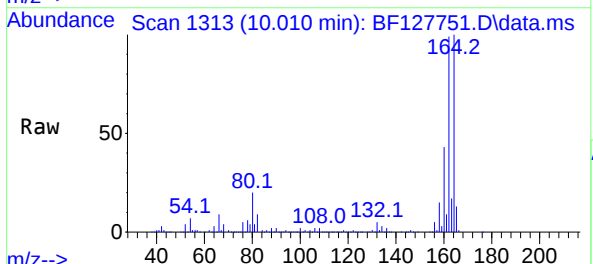
Tgt Ion: 82 Resp: 327564
Ion Ratio Lower Upper
82 100
128 39.6 30.6 45.8
54 50.6 48.2 72.2

Manual Integrations
APPROVED

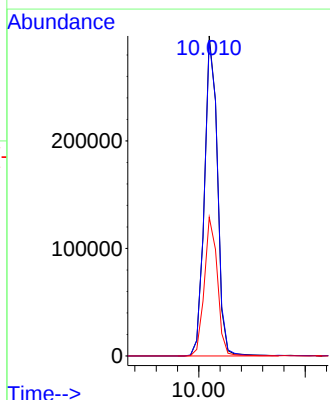
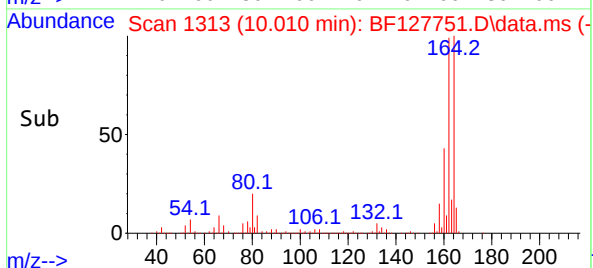
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

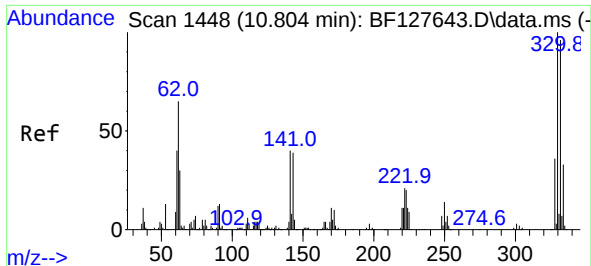


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17



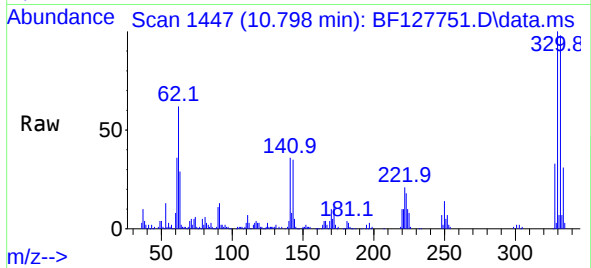
Tgt Ion:164 Resp: 252535
Ion Ratio Lower Upper
164 100
162 98.7 81.2 121.8
160 43.4 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 32.731 ng
RT: 10.798 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

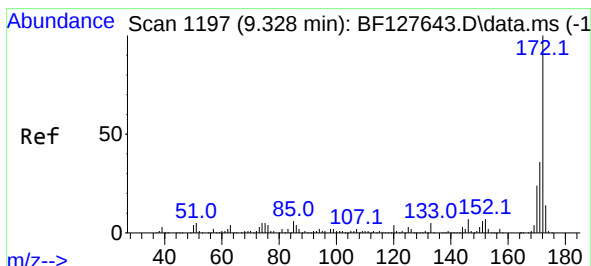
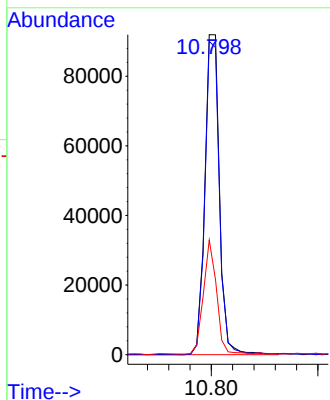
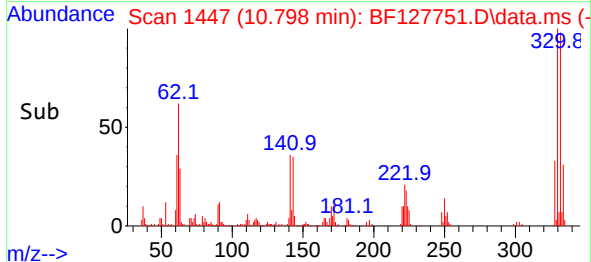
Instrument :
BNA_F
ClientSampleId :
C150-CU



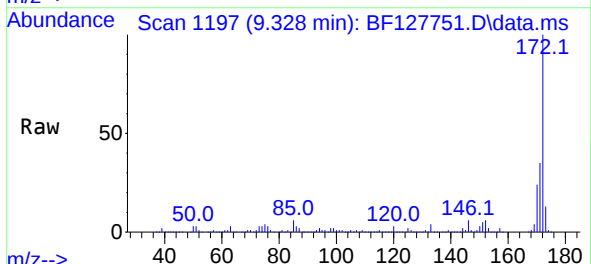
Tgt Ion: 330 Resp: 87960
Ion Ratio Lower Upper
330 100
332 97.0 79.1 118.7
141 31.7 26.2 39.4

Manual Integrations
APPROVED

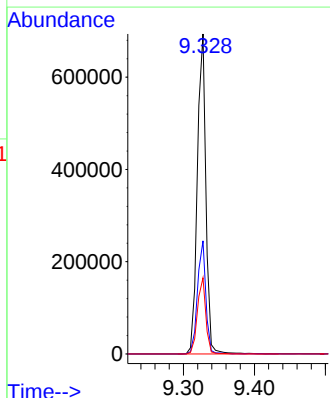
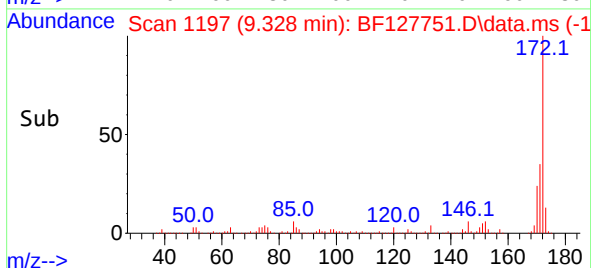
Reviewed By : Christian Giraldo 04/12/2022
Supervised By : Jagrut Upadhyay 04/13/2022

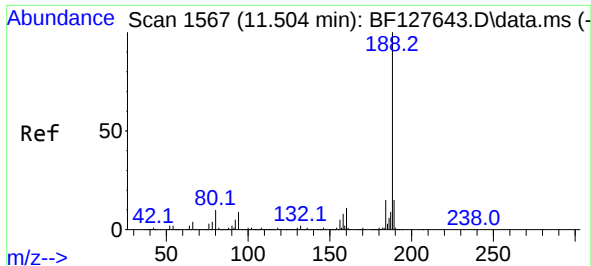


#45
2-Fluorobiphenyl
Concen: 32.714 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17



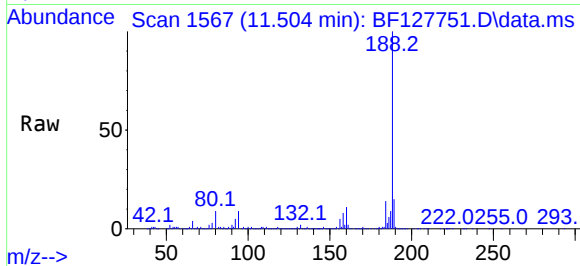
Tgt Ion: 172 Resp: 583988
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11567
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

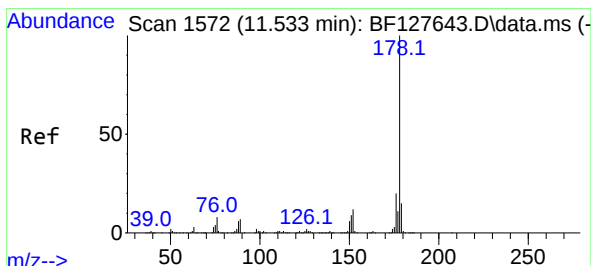
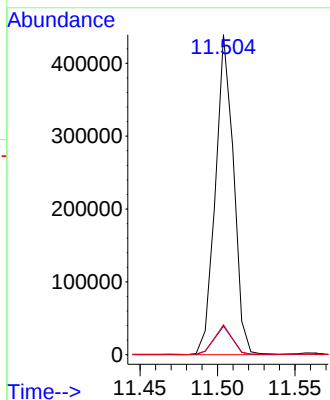
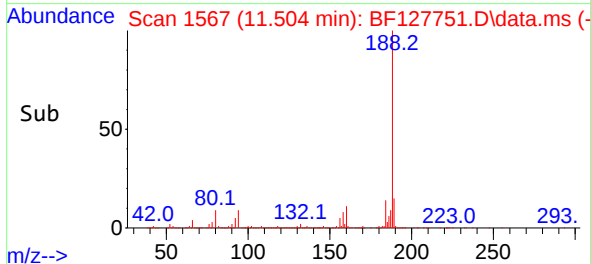
Instrument :
BNA_F
ClientSampleId :
C150-CU



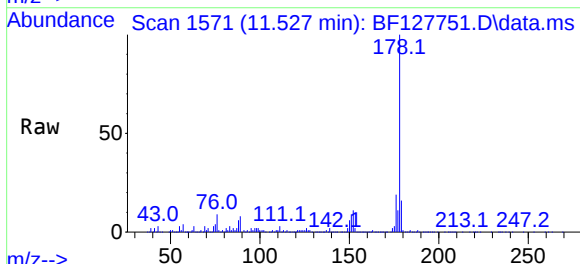
Tgt Ion:188 Resp: 35792
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.3 8.0 12.0

Manual Integrations
APPROVED

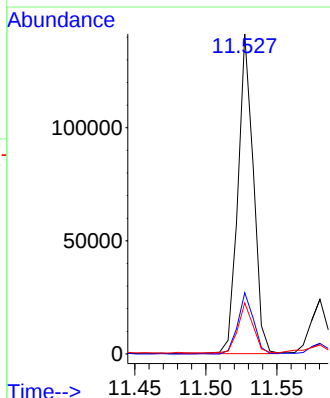
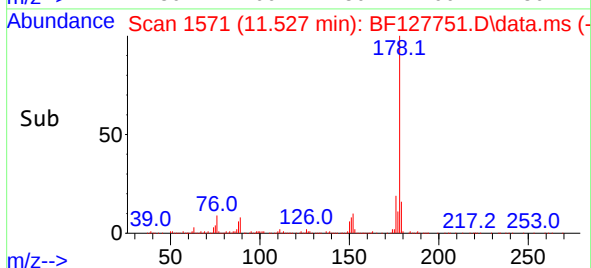
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

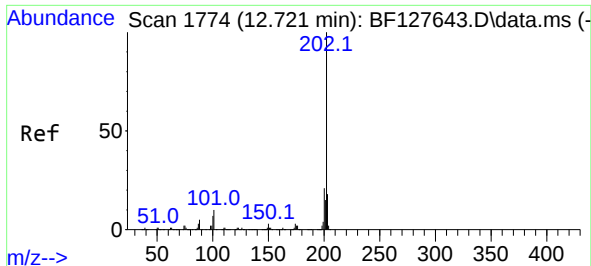


#71
Phenanthrene
Concen: 5.642 ng
RT: 11.527 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17



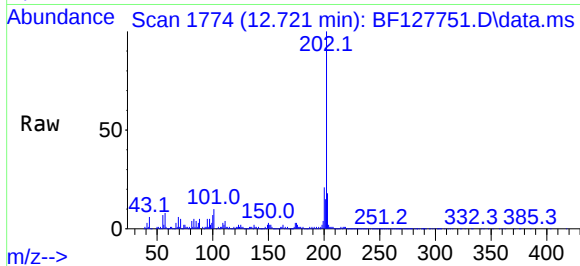
Tgt Ion:178 Resp: 106998
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.9 12.4 18.6





#75
Fluoranthene
Concen: 6.441 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

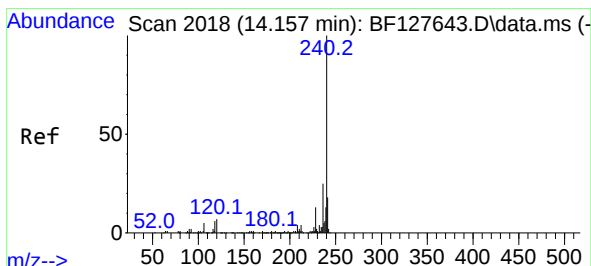
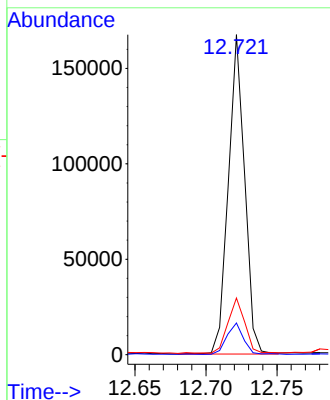
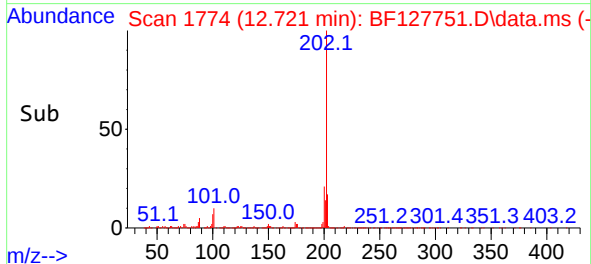
Instrument :
BNA_F
ClientSampleId :
C150-CU



Tgt Ion:202 Resp: 133290
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.0
203 17.7 0.0 37.7

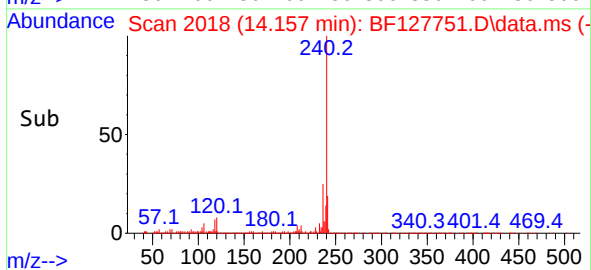
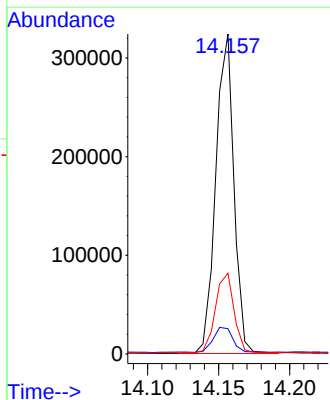
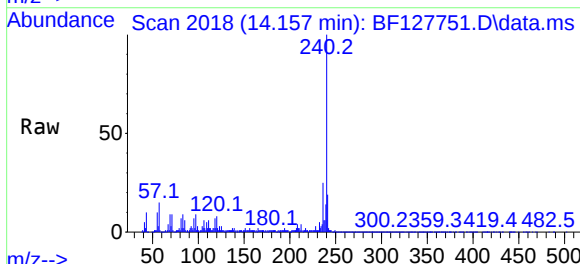
Manual Integrations
APPROVED

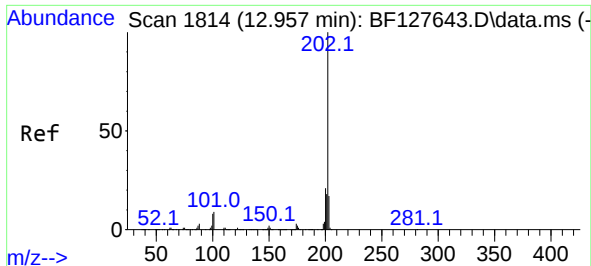
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

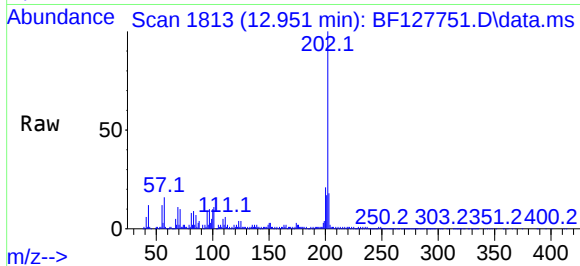
Tgt Ion:240 Resp: 287540
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 25.3 20.7 31.1





#78
Pyrene
Concen: 4.822 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

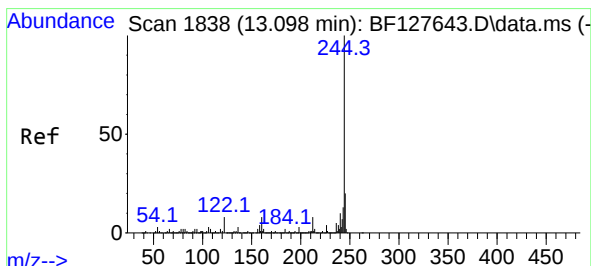
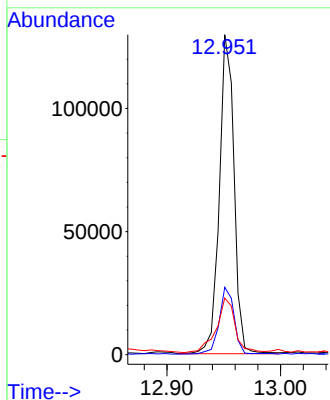
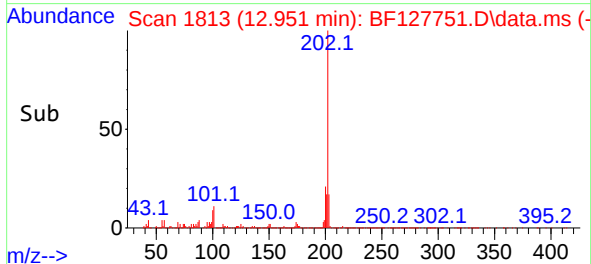
Instrument :
BNA_F
ClientSampleId :
C150-CU



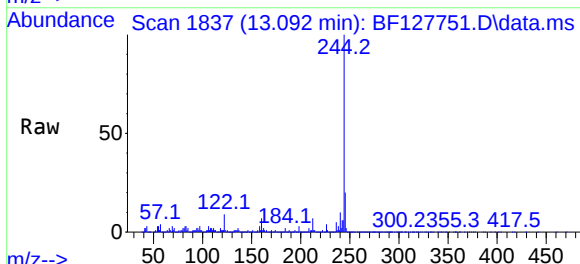
Tgt Ion:202 Resp: 117080
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.7 14.3 21.5

Manual Integrations
APPROVED

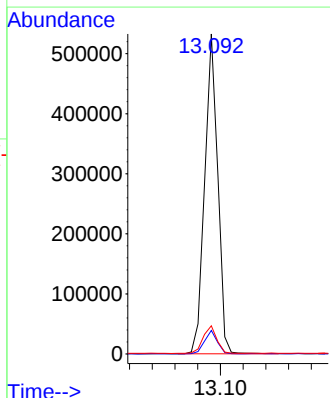
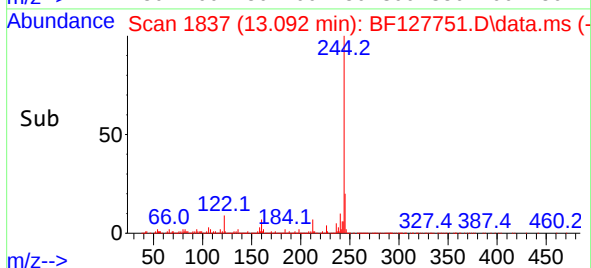
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

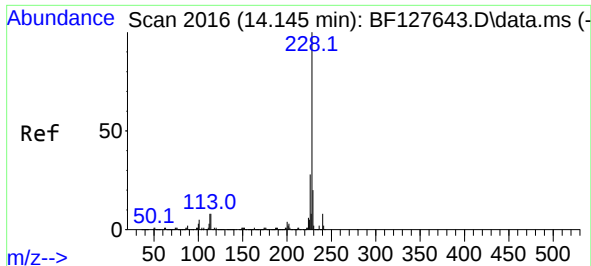


#79
Terphenyl-d14
Concen: 24.335 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17



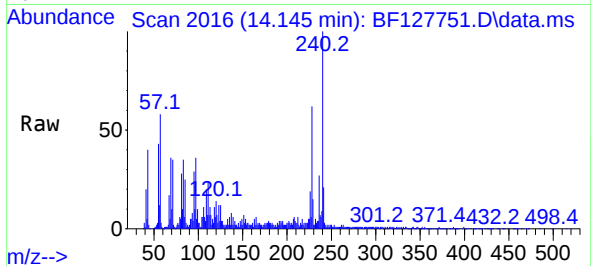
Tgt Ion:244 Resp: 423927
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.8 6.2 9.2





#81
Benzo(a)anthracene
Concen: 2.606 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

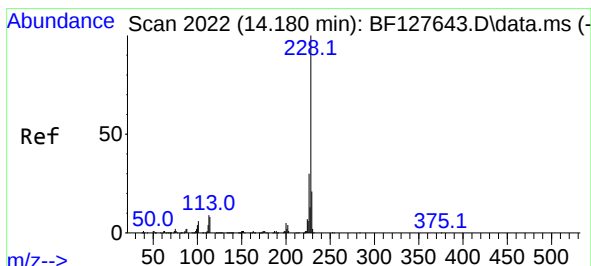
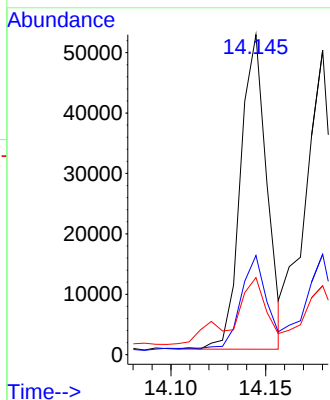
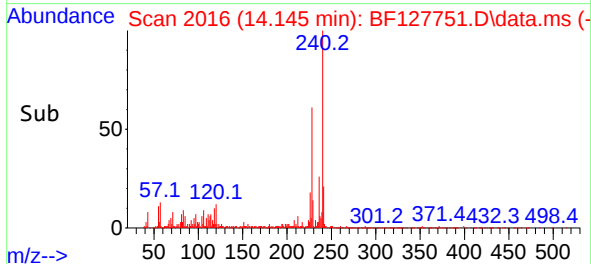
Instrument :
BNA_F
ClientSampleId :
C150-CU



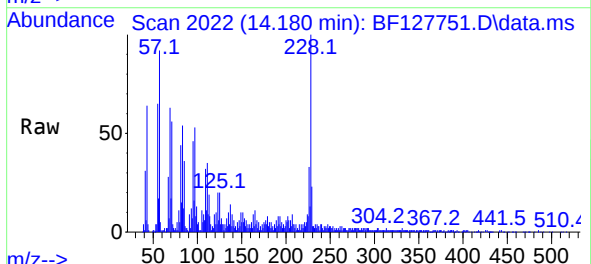
Tgt Ion:228 Resp: 5005
Ion Ratio Lower Upper
228 100
226 31.0 21.6 32.4
229 24.1 15.4 23.2

Manual Integrations
APPROVED

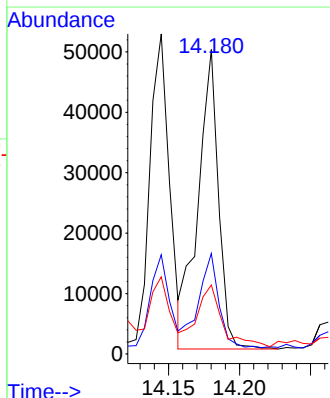
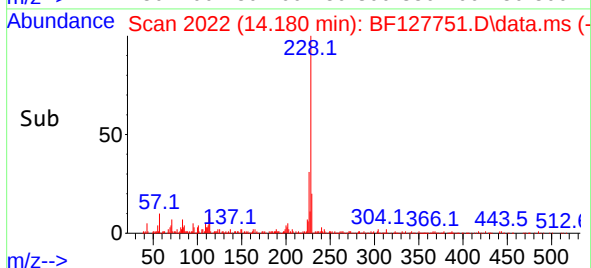
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

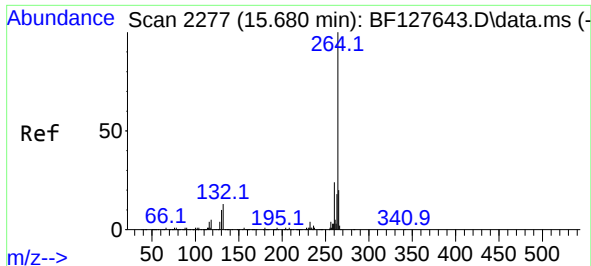


#83
Chrysene
Concen: 2.711 ng
RT: 14.180 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17



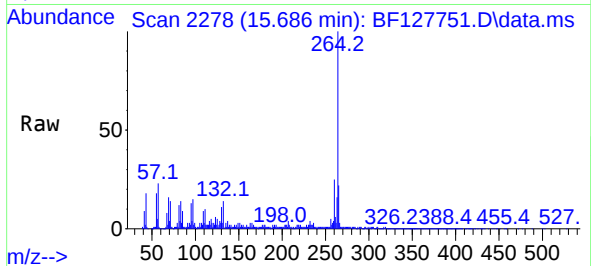
Tgt Ion:228 Resp: 49973
Ion Ratio Lower Upper
228 100
226 33.0 24.2 36.4
229 22.7 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

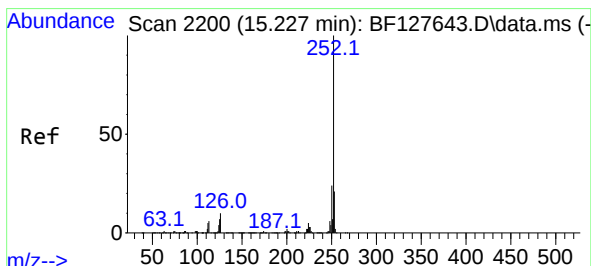
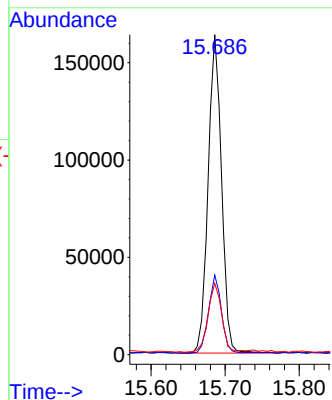
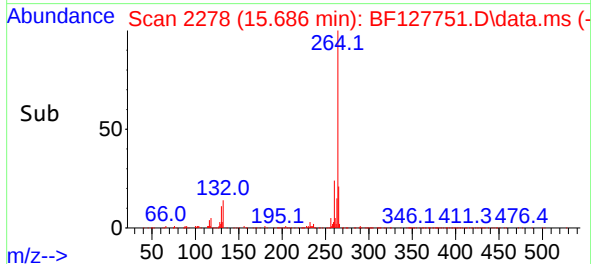
Instrument :
BNA_F
ClientSampleId :
C150-CU



Tgt Ion:264 Resp: 205929
Ion Ratio Lower Upper
264 100
260 24.9 19.1 28.7
265 22.2 17.4 26.2

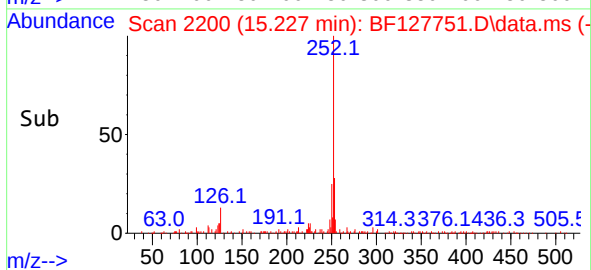
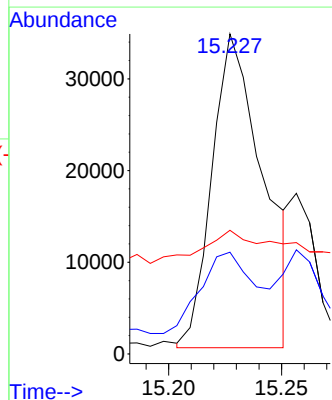
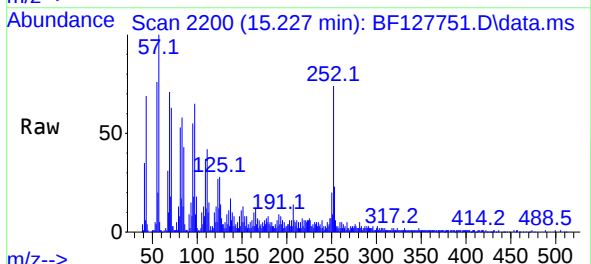
Manual Integrations
APPROVED

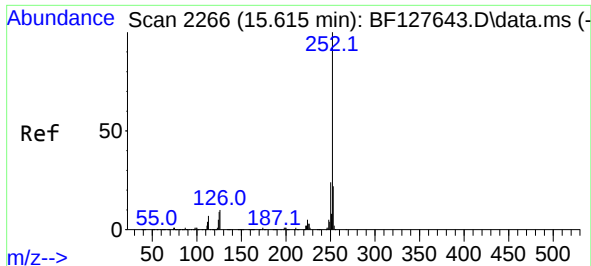
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#88
Benzo(b)fluoranthene
Concen: 4.064 ng m
RT: 15.227 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

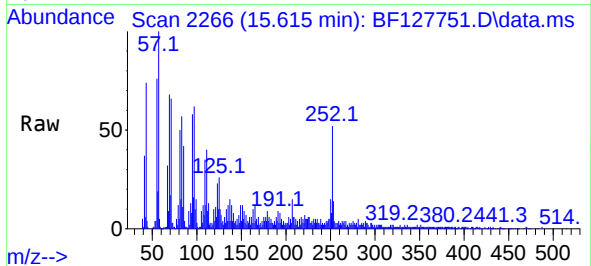
Tgt Ion:252 Resp: 53838
Ion Ratio Lower Upper
252 100
253 31.8 17.9 26.9#
125 38.7 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 2.699 ng
RT: 15.615 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127751.D
Acq: 11 Apr 2022 21:17

Instrument :
BNA_F
ClientSampleId :
C150-CU



Tgt Ion:252 Resp: 29060
Ion Ratio Lower Upper
252 100
253 26.4 17.0 25.6
125 50.4 6.7 10.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

