

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127269.D
 Acq On : 08 Mar 2022 20:26
 Operator : CG\JU
 Sample : N1833-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-03072022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2022
 Supervised By : Jagrut Upadhyay 03/09/2022

Quant Time: Mar 09 01:20:10 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	106308	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	389875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	163695	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	246800	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	136942	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	105861	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	130654	18.995	ng	0.00
7) Phenol-d6	6.510	99	173770	18.723	ng	0.00
23) Nitrobenzene-d5	7.439	82	114990	13.313	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	30822	16.354	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	186627	16.784	ng	0.00
79) Terphenyl-d14	12.998	244	140596	15.093	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.439	178	29636	2.145	ng	99
75) Fluoranthene	12.633	202	41847	3.190	ng	92
78) Pyrene	12.863	202	39777	3.343	ng	98
81) Benzo(a)anthracene	14.051	228	20246	2.193	ng	94
83) Chrysene	14.086	228	18254m	2.103	ng	
88) Benzo(b)fluoranthene	15.115	252	21870m	3.076	ng	
90) Benzo(a)pyrene	15.492	252	13697	2.466	ng	# 85

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

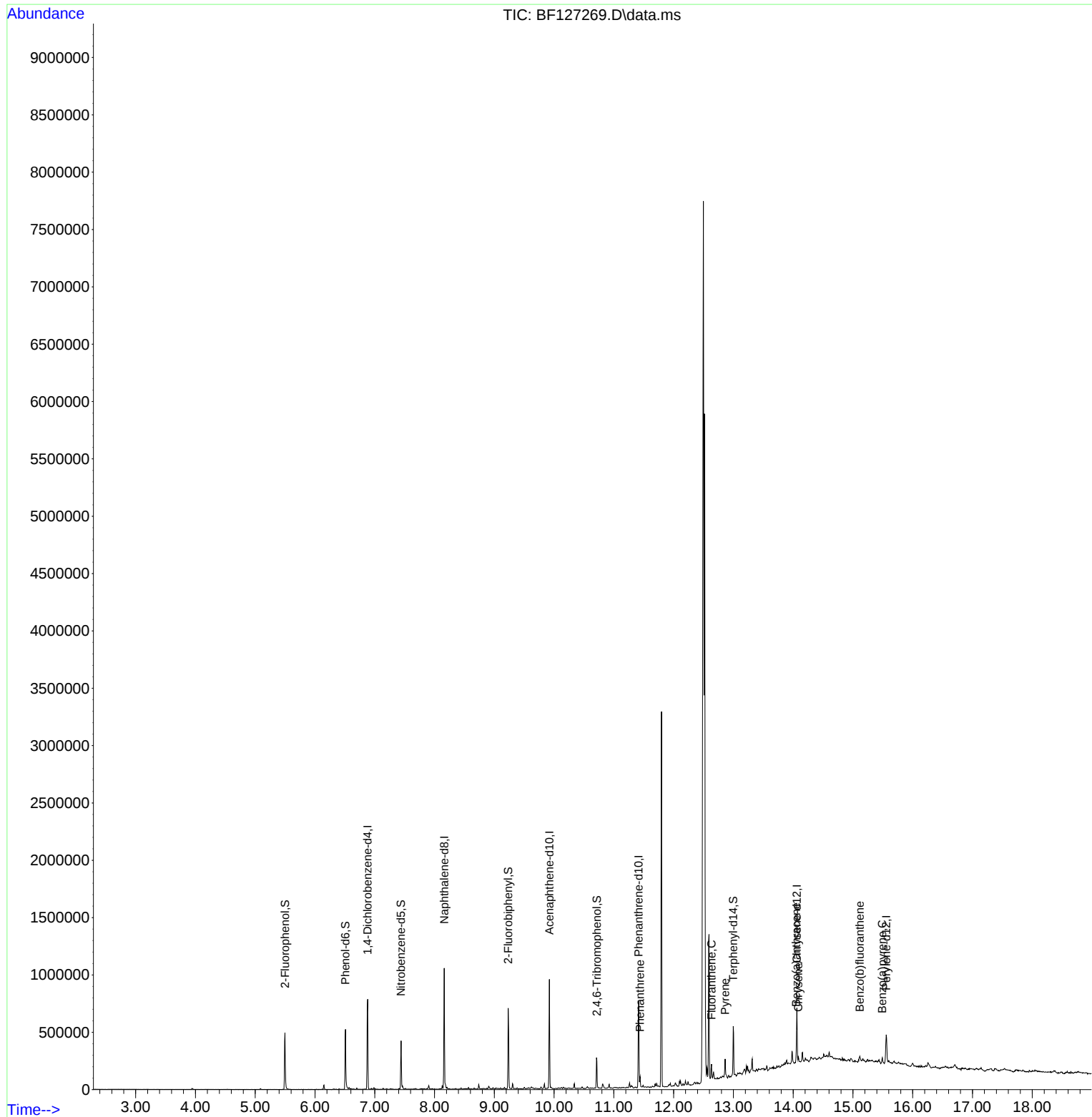
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
Data File : BF127269.D
Acq On : 08 Mar 2022 20:26
Operator : CG\JU
Sample : N1833-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-03072022

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

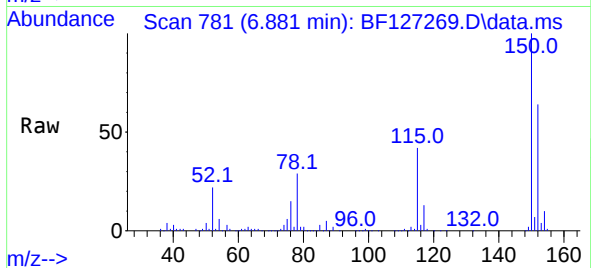
Quant Time: Mar 09 01:20:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

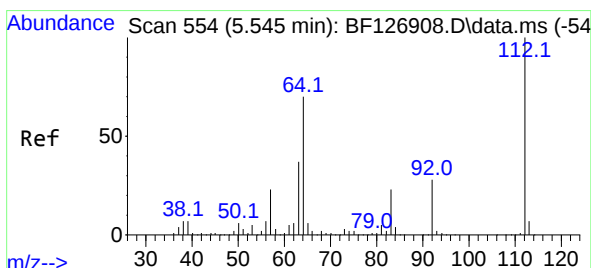
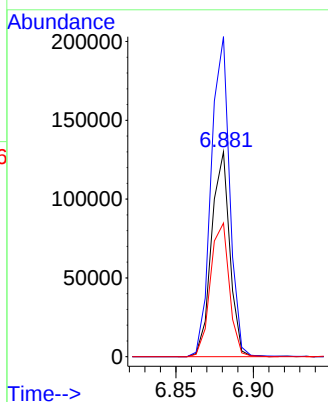
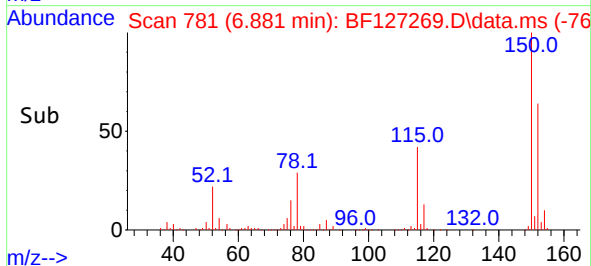
Instrument :
BNA_F
ClientSampleId :
TR-05-03072022



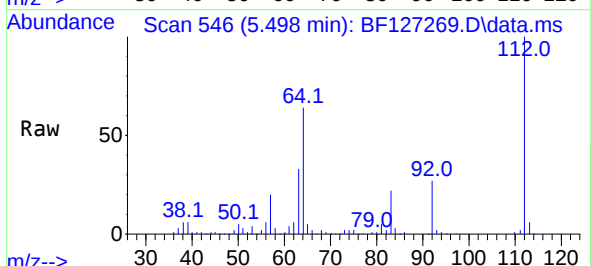
Tgt Ion:152 Resp: 106308
Ion Ratio Lower Upper
152 100
150 156.2 128.1 192.1
115 65.2 56.7 85.1

Manual Integrations
APPROVED

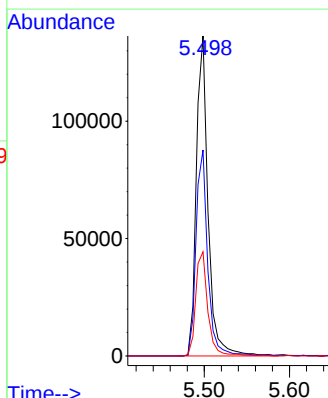
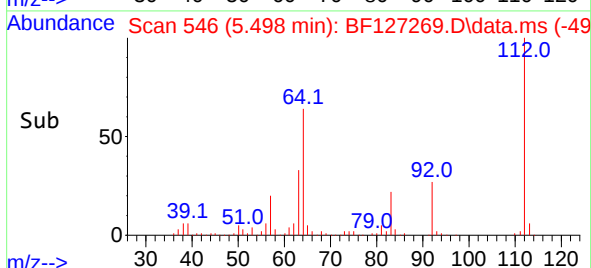
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

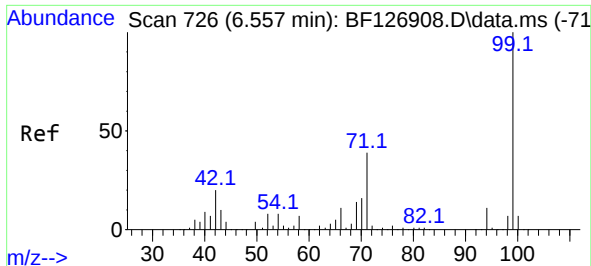


#5
2-Fluorophenol
Concen: 18.995 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26



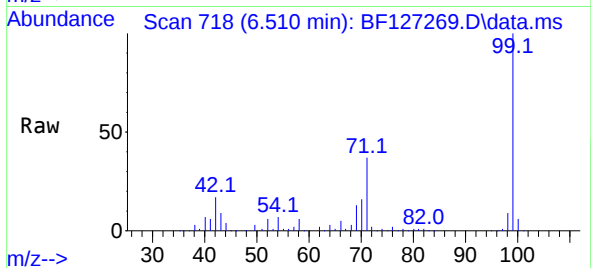
Tgt Ion:112 Resp: 130654
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 32.6 23.9 35.9





#7
Phenol-d6
Concen: 18.723 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

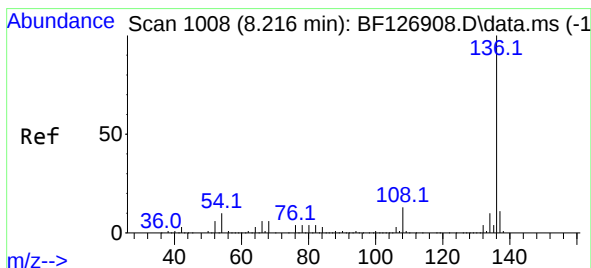
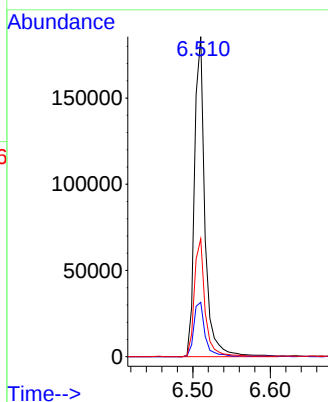
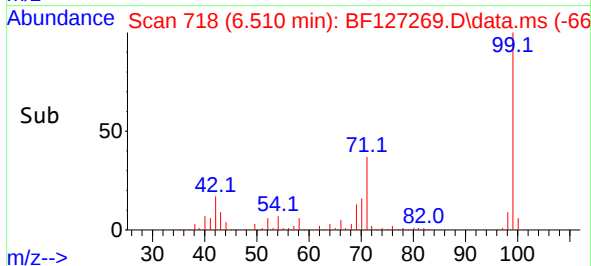
Instrument :
BNA_F
ClientSampleId :
TR-05-03072022



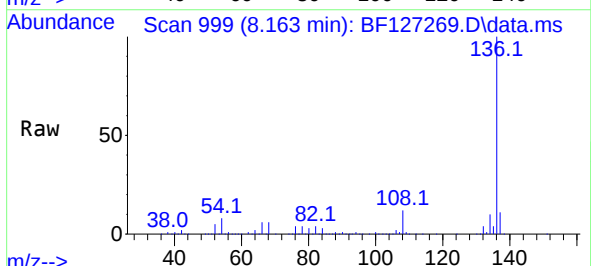
Tgt Ion: 99 Resp: 173770
Ion Ratio Lower Upper
99 100
42 17.0 14.2 21.4
71 36.9 24.3 36.5

Manual Integrations
APPROVED

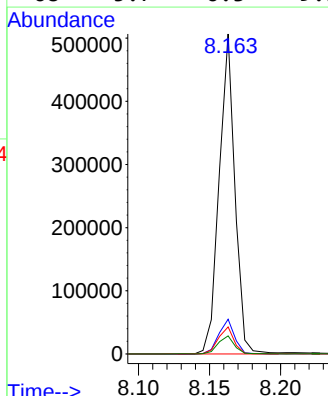
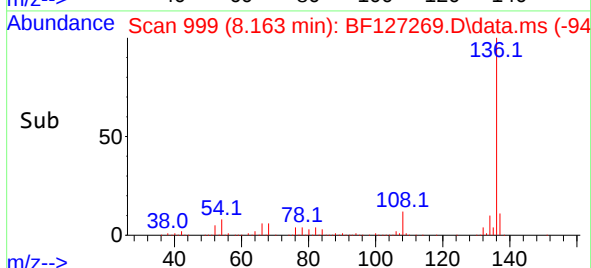
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

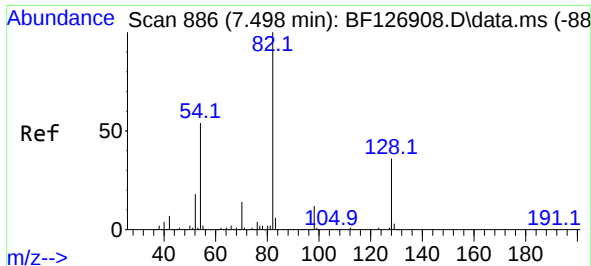


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26



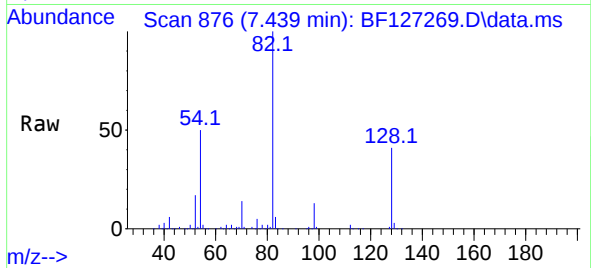
Tgt Ion:136 Resp: 389875
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.8 11.6
68 5.7 6.3 9.5





#23
Nitrobenzene-d5
Concen: 13.313 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

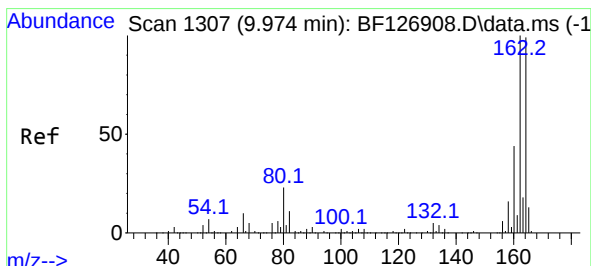
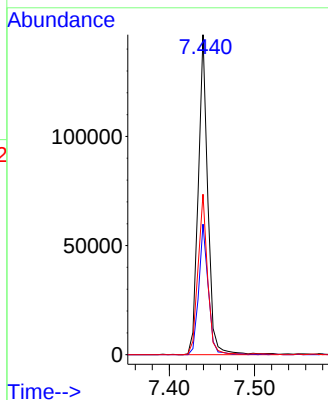
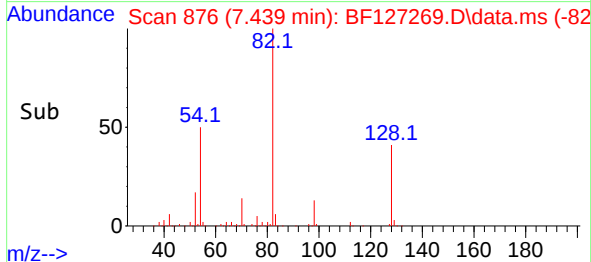
Instrument :
BNA_F
ClientSampleId :
TR-05-03072022



Tgt Ion: 82 Resp: 114990
Ion Ratio Lower Upper
82 100
128 40.8 32.7 49.1
54 50.2 41.7 62.5

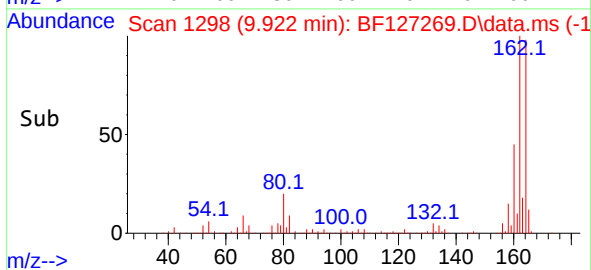
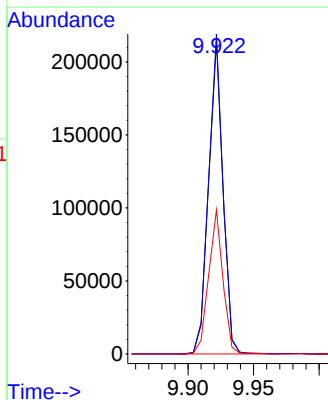
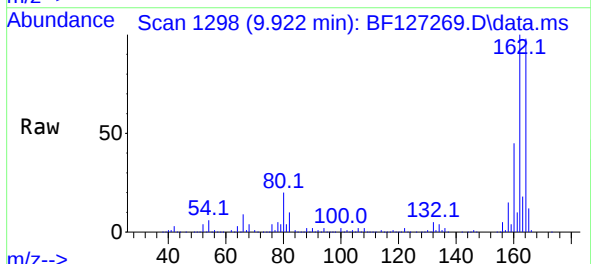
Manual Integrations
APPROVED

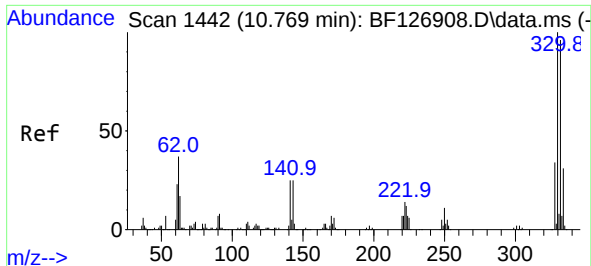
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Tgt Ion:164 Resp: 163695
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 46.0 36.6 54.8





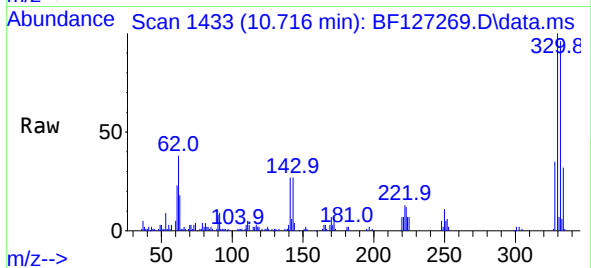
#42
2,4,6-Tribromophenol
Concen: 16.354 ng
RT: 10.716 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Instrument :

BNA_F

ClientSampleId :

TR-05-03072022

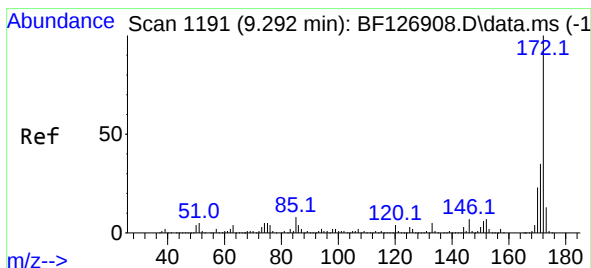
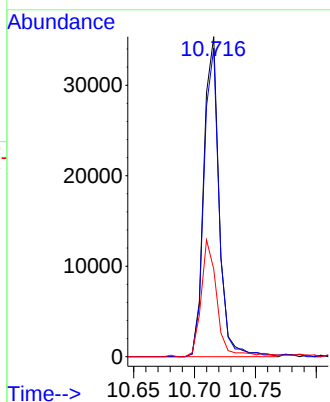
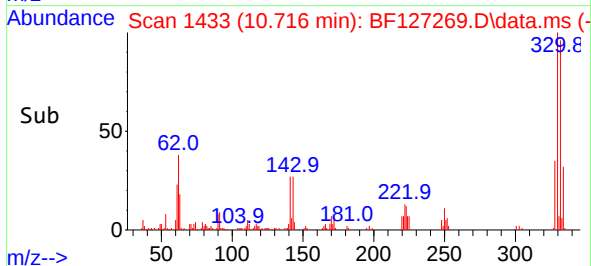


Tgt Ion:330 Resp: 3082
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 38.3 30.1 45.1

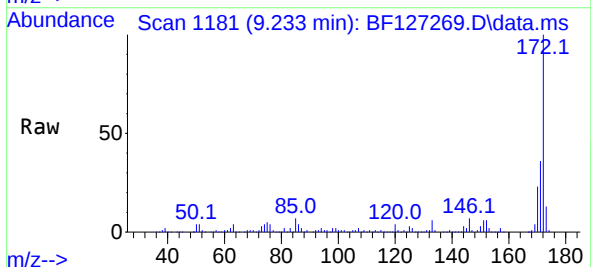
Manual Integrations

APPROVED

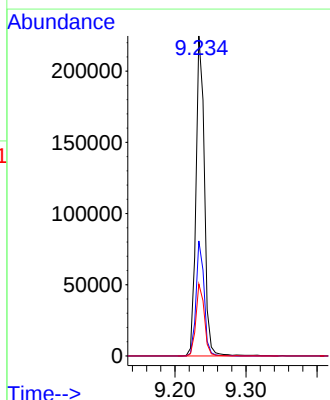
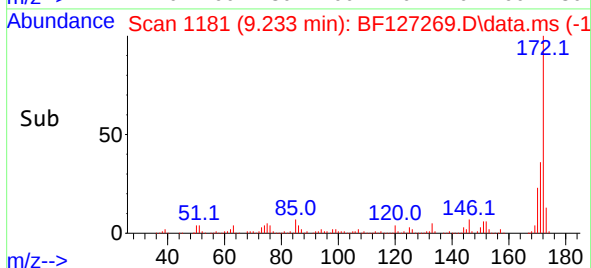
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#45
2-Fluorobiphenyl
Concen: 16.784 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26



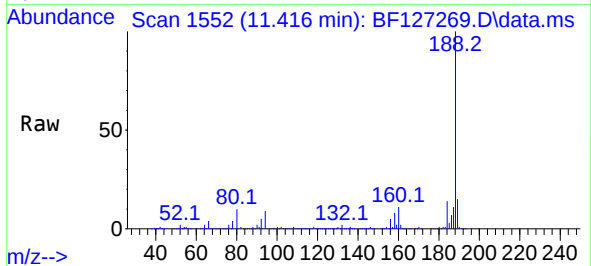
Tgt Ion:172 Resp: 186627
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 22.5 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

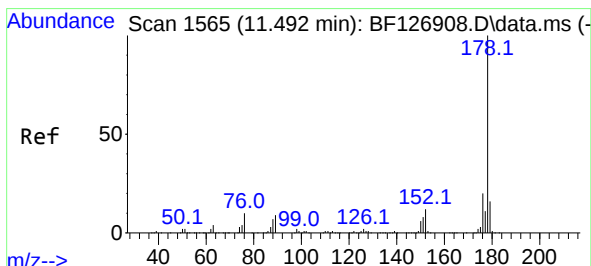
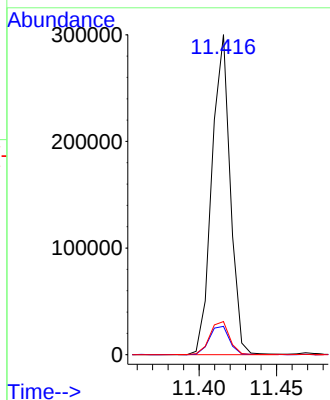
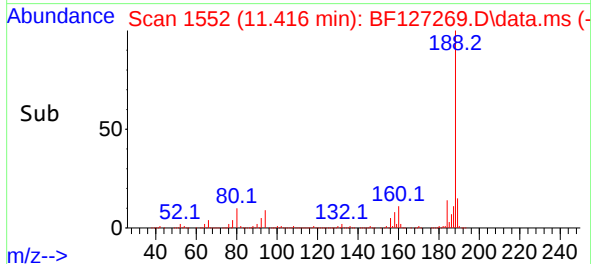
Instrument :
BNA_F
ClientSampleId :
TR-05-03072022



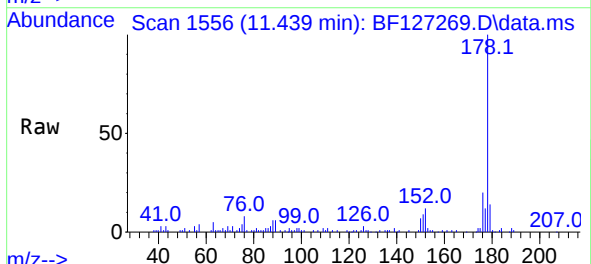
Tgt Ion:188 Resp: 246800
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1
80 10.4 11.8 17.6

Manual Integrations
APPROVED

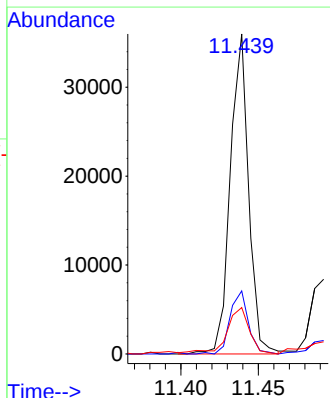
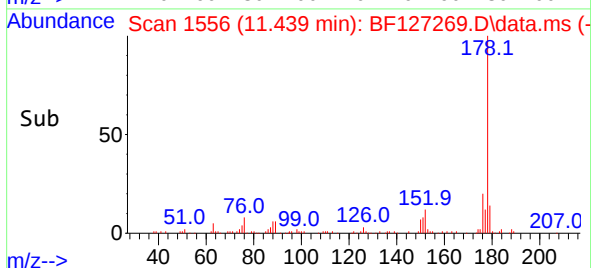
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

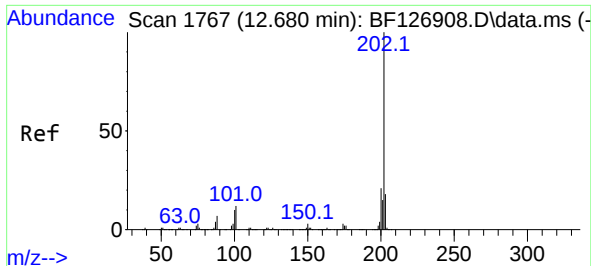


#71
Phenanthrene
Concen: 2.145 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26



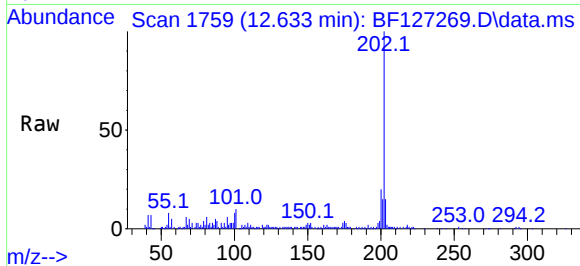
Tgt Ion:178 Resp: 29636
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 14.5 12.3 18.5





#75
Fluoranthene
Concen: 3.190 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

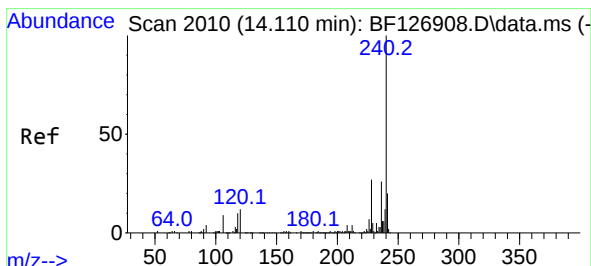
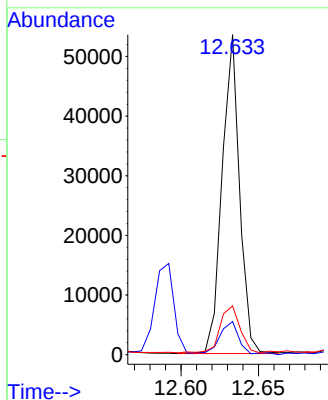
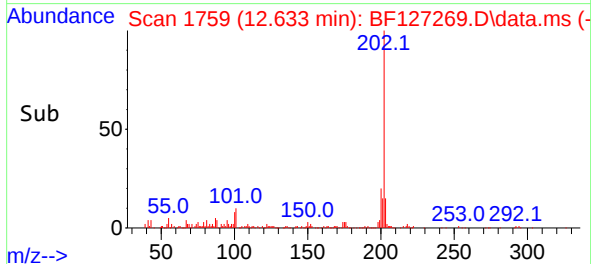
Instrument :
BNA_F
ClientSampleId :
TR-05-03072022



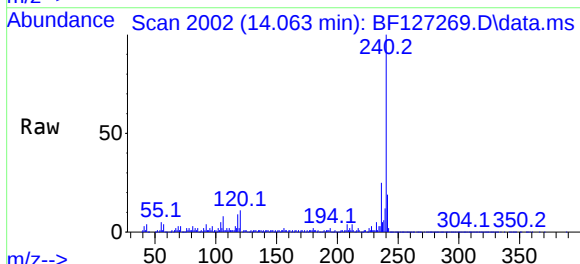
Tgt Ion:202 Resp: 4184
Ion Ratio Lower Upper
202 100
101 10.4 0.0 35.7
203 15.3 0.0 37.1

Manual Integrations
APPROVED

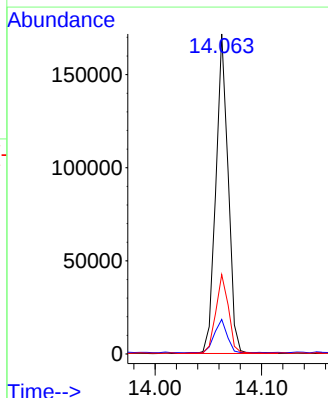
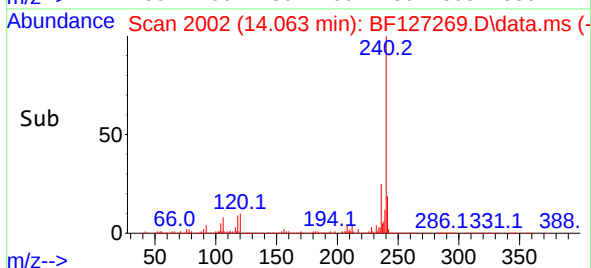
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

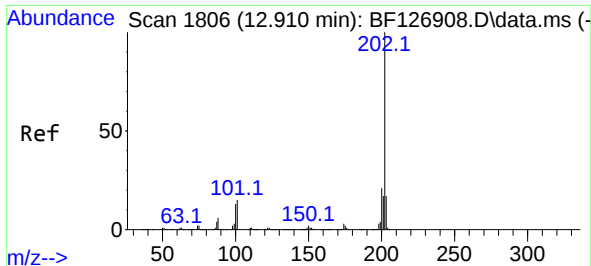


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26



Tgt Ion:240 Resp: 136942
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 24.8 20.5 30.7





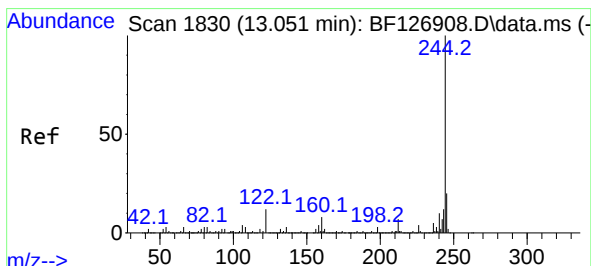
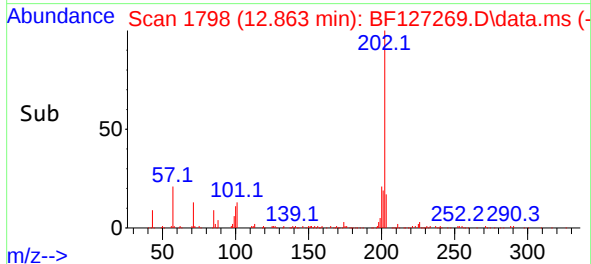
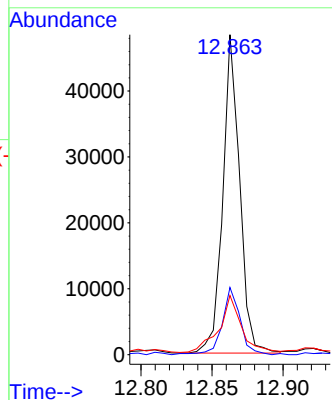
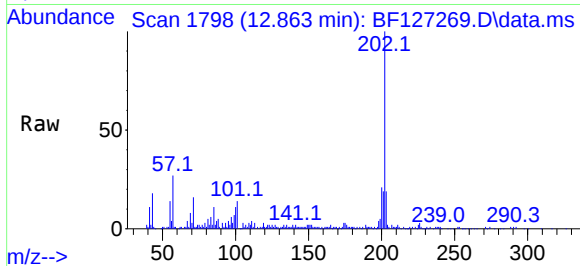
#78
Pyrene
Concen: 3.343 ng
RT: 12.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Instrument :
BNA_F
ClientSampleId :
TR-05-03072022

Tgt Ion:202 Resp: 3977
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 18.5 13.8 20.8

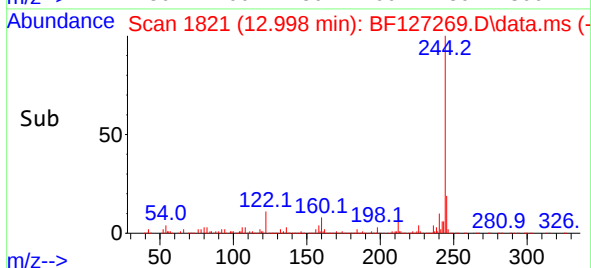
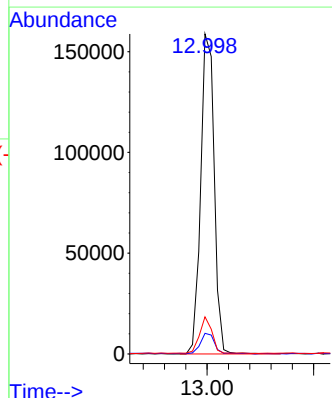
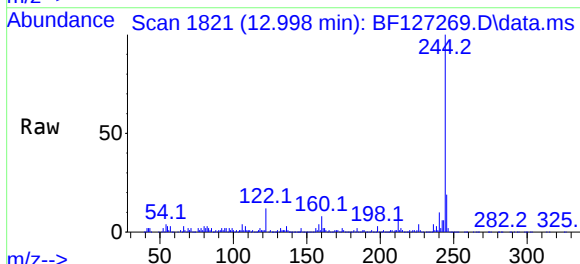
Manual Integrations
APPROVED

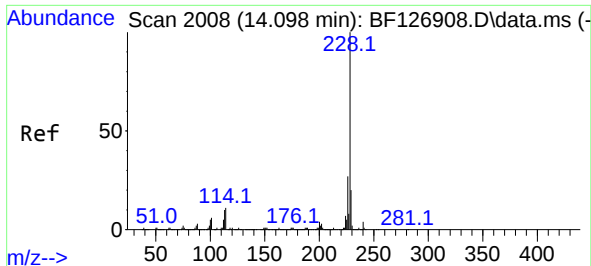
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#79
Terphenyl-d14
Concen: 15.093 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Tgt Ion:244 Resp: 140596
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.6 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 2.193 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Instrument :

BNF

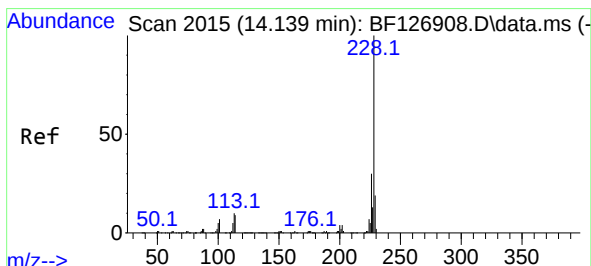
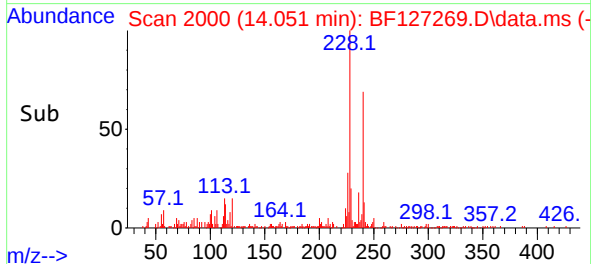
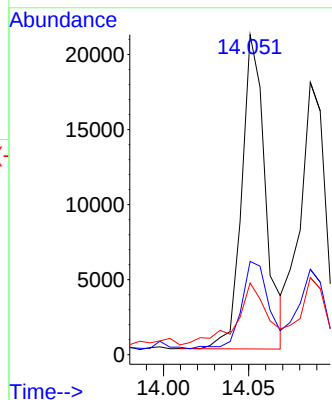
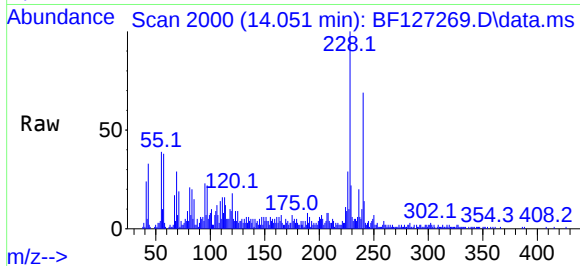
ClientSampleId :

TR-05-03072022

Tgt Ion:228 Resp: 20240
Ion Ratio Lower Upper
228 100
226 29.2 21.4 32.0
229 22.4 15.4 23.2

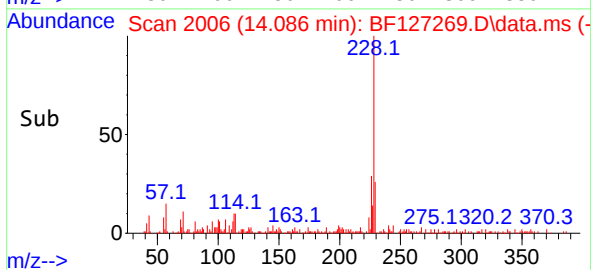
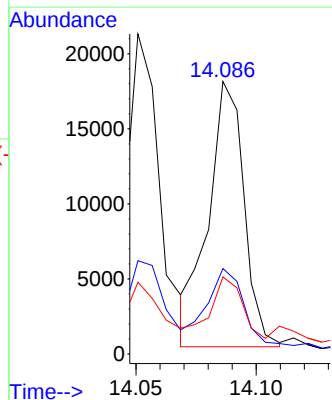
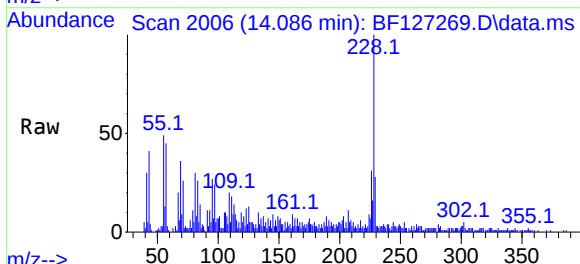
Manual Integrations
APPROVED

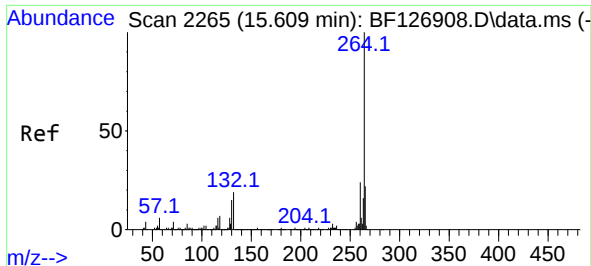
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#83
Chrysene
Concen: 2.103 ng m
RT: 14.086 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Tgt Ion:228 Resp: 18254
Ion Ratio Lower Upper
228 100
226 31.4 23.7 35.5
229 28.3 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Instrument :

BNA_F

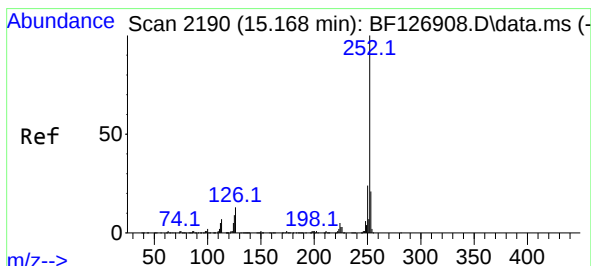
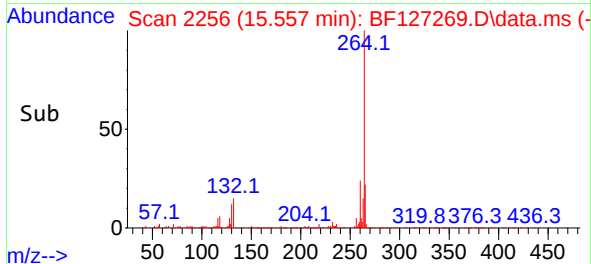
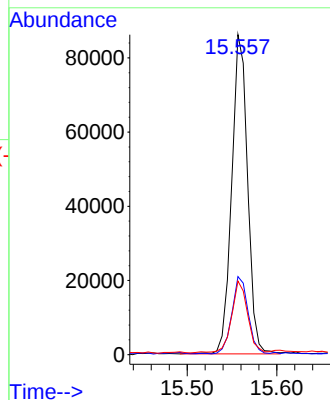
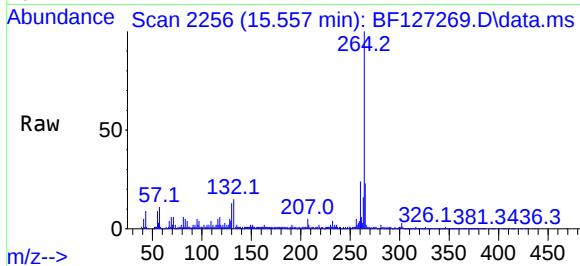
ClientSampleId :

TR-05-03072022

Tgt Ion:264 Resp: 10586
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 23.0 17.4 26.2

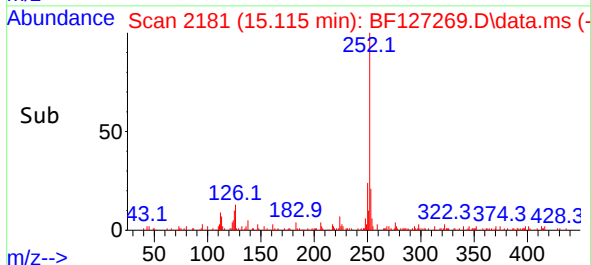
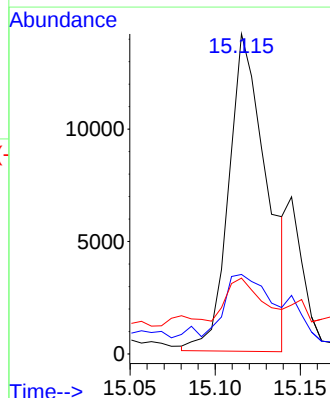
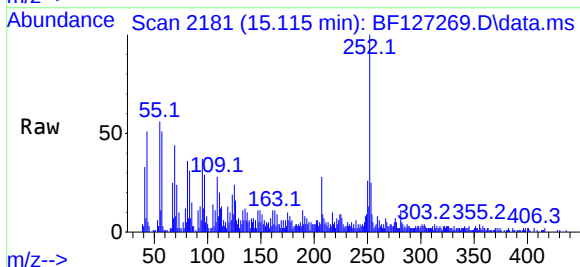
Manual Integrations
APPROVED

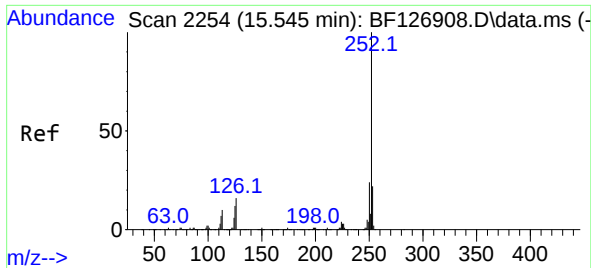
Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022



#88
Benzo(b)fluoranthene
Concen: 3.076 ng m
RT: 15.115 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

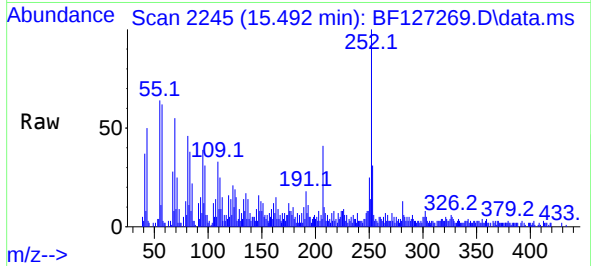
Tgt Ion:252 Resp: 21870
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 23.7 12.4 18.6#





#90
Benzo(a)pyrene
Concen: 2.466 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127269.D
Acq: 08 Mar 2022 20:26

Instrument :
BNA_F
ClientSampleId :
TR-05-03072022



Tgt Ion:	252	Resp:	1369
Ion Ratio	Lower	Upper	
252	100		
253	30.9	17.1	25.7
125	19.4	13.0	19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/09/2022
Supervised By :Jagrut Upadhyay 03/09/2022

