

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127110.D
 Acq On : 28 Feb 2022 20:06
 Operator : CG\JU
 Sample : N1681-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-1-8FT

Quant Time: Mar 01 01:40:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/01/2022
 Supervised By :Jagrut Upadhyay 03/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	109609	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	418550	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	179035	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	265364	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	186124	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	126542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	304664	42.960	ng	-0.01
7) Phenol-d6	6.528	99	393537	41.125	ng	-0.01
23) Nitrobenzene-d5	7.463	82	267898	28.891	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	75093	36.429	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	401557	33.019	ng	-0.01
79) Terphenyl-d14	13.021	244	336978	26.615	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.457	178	61384	4.133	ng	99
75) Fluoranthene	12.651	202	101592	7.204	ng	95
78) Pyrene	12.880	202	91123	5.635	ng	98
81) Benzo(a)anthracene	14.068	228	36377m	2.899	ng	
83) Chrysene	14.104	228	41708	3.535	ng	95
87) Indeno(1,2,3-cd)pyrene	17.098	276	20393	2.458	ng	# 86
88) Benzo(b)fluoranthene	15.139	252	45367m	5.338	ng	
90) Benzo(a)pyrene	15.515	252	24605	3.706	ng	# 88
92) Benzo(g,h,i)perylene	17.568	276	24171	3.573	ng	# 82

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

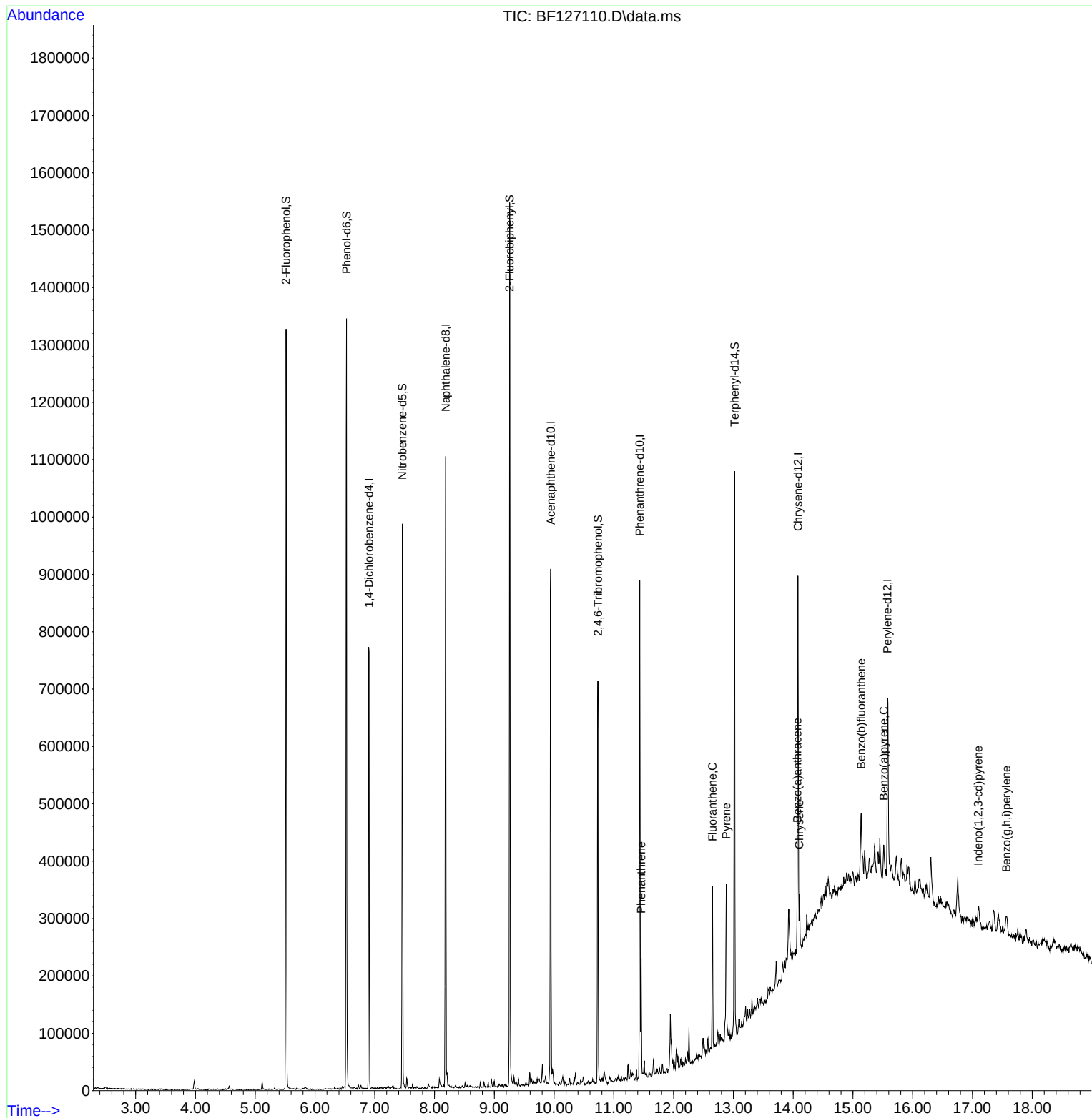
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127110.D
Acq On : 28 Feb 2022 20:06
Operator : CG\JU
Sample : N1681-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

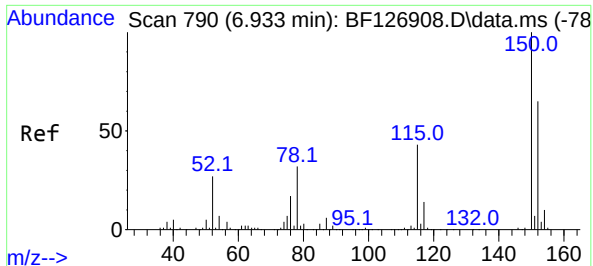
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT

Quant Time: Mar 01 01:40:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

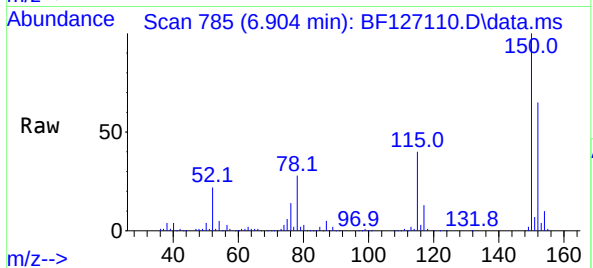
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

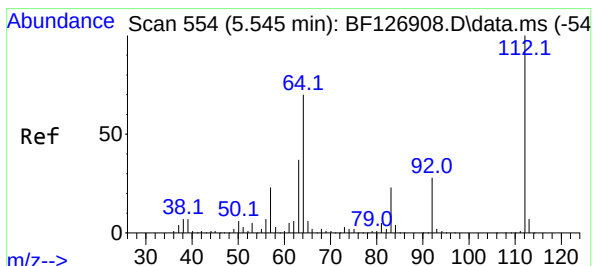
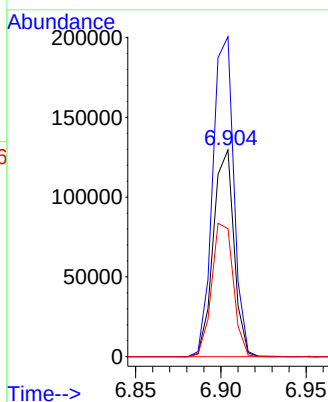
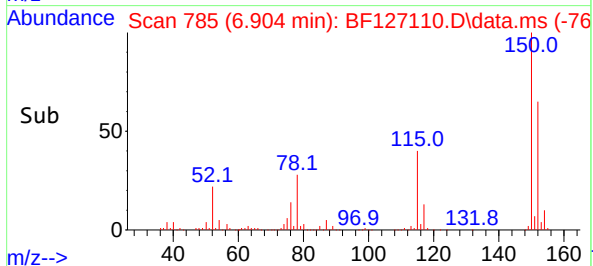
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



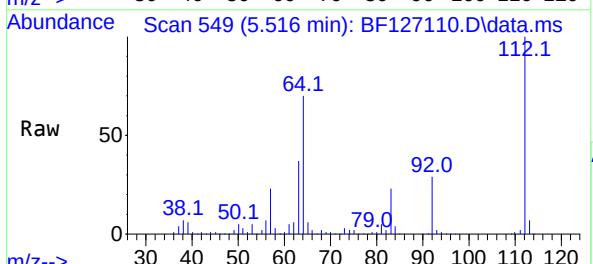
Tgt Ion:152 Resp: 109609
Ion Ratio Lower Upper
152 100
150 154.8 128.1 192.1
115 61.9 56.7 85.1

Manual Integrations
APPROVED

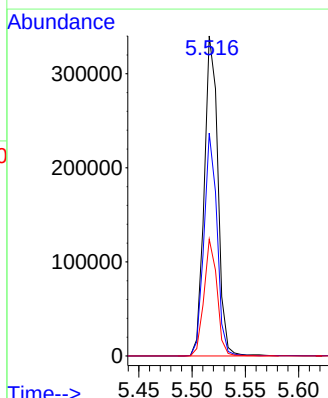
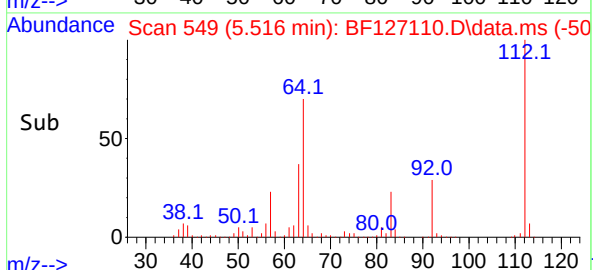
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

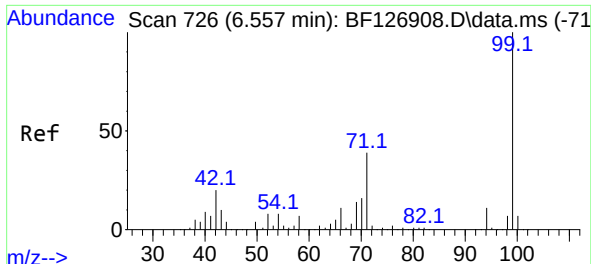


#5
2-Fluorophenol
Concen: 42.960 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06



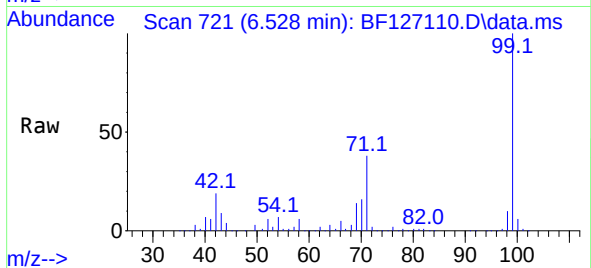
Tgt Ion:112 Resp: 304664
Ion Ratio Lower Upper
112 100
64 69.6 49.5 74.3
63 36.5 23.9 35.9





#7
Phenol-d6
Concen: 41.125 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

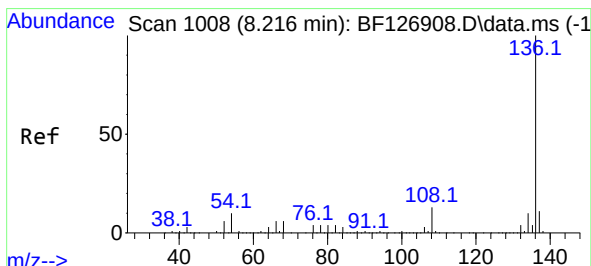
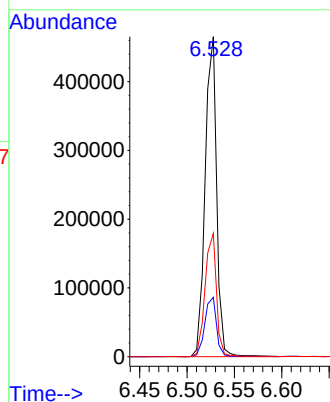
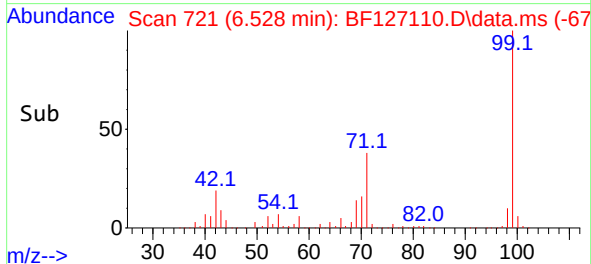
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



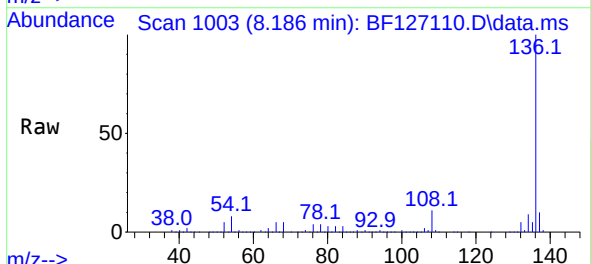
Tgt Ion: 99 Resp: 39353
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 38.5 24.3 36.5

Manual Integrations
APPROVED

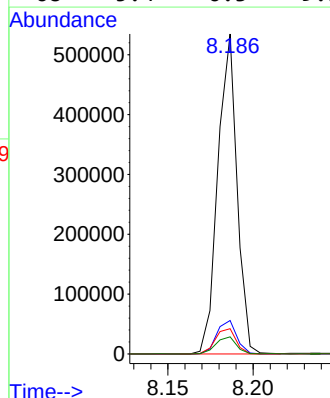
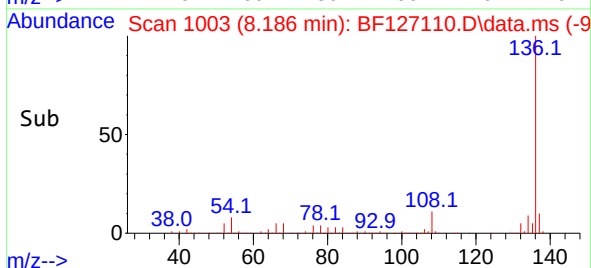
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

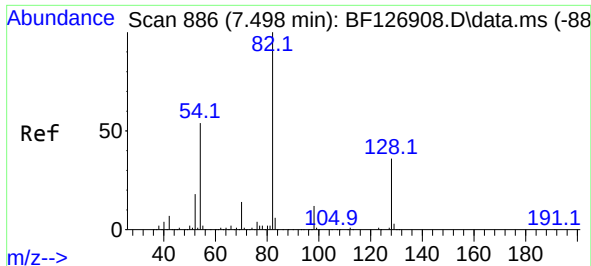


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06



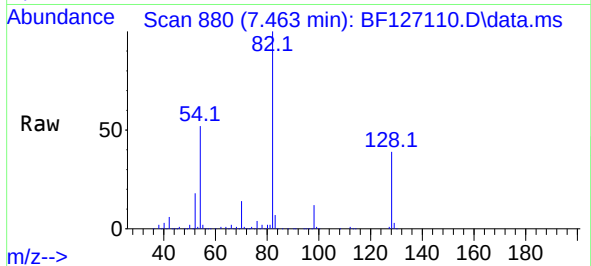
Tgt Ion:136 Resp: 418550
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 7.8 11.6
68 5.4 6.3 9.5





#23
Nitrobenzene-d5
Concen: 28.891 ng
RT: 7.463 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

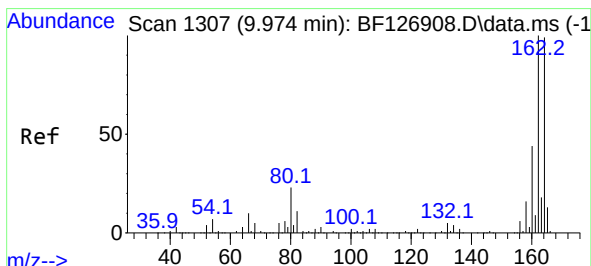
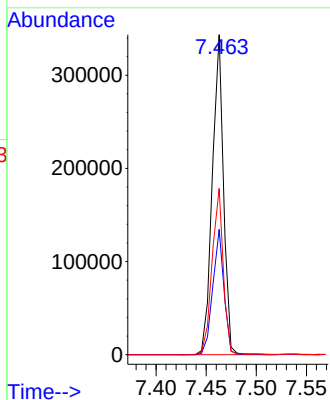
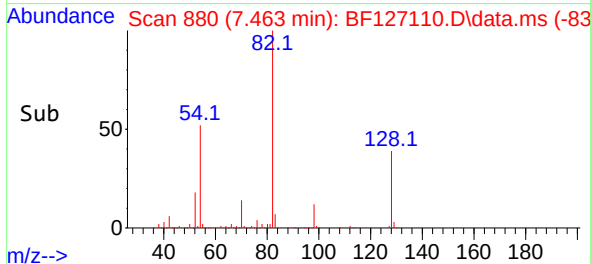
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



Tgt Ion: 82 Resp: 267898
Ion Ratio Lower Upper
82 100
128 39.2 32.7 49.1
54 51.9 41.7 62.5

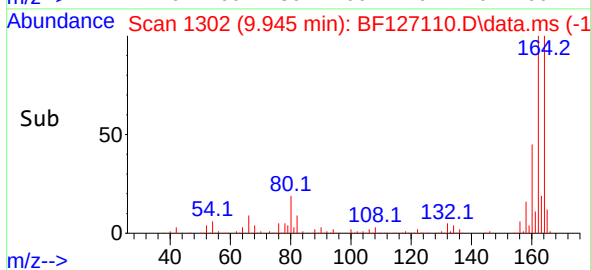
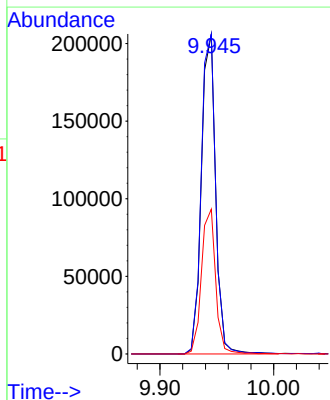
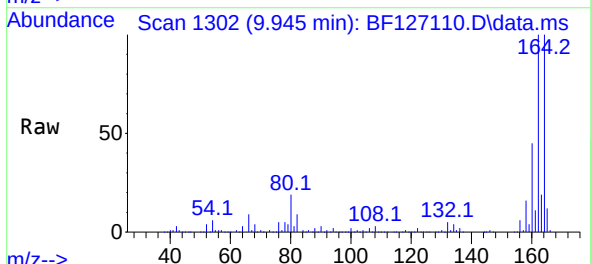
Manual Integrations
APPROVED

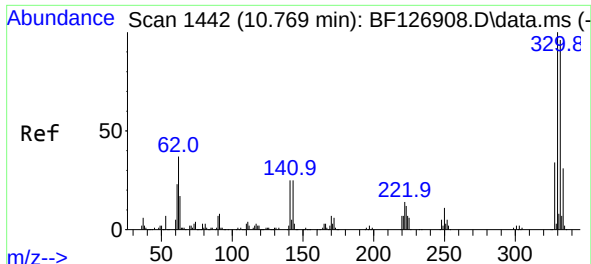
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

Tgt Ion:164 Resp: 179035
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 45.3 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 36.429 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

Instrument :

BNA_F

ClientSampleId :

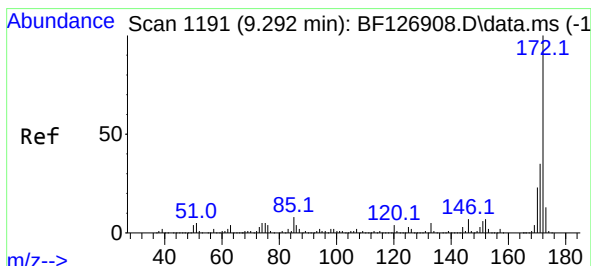
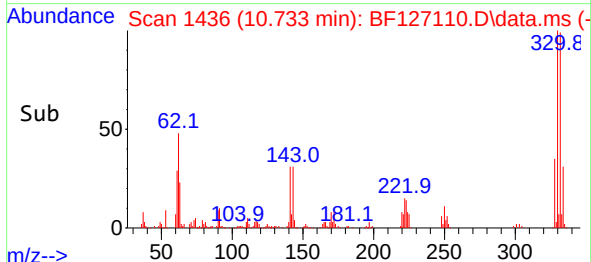
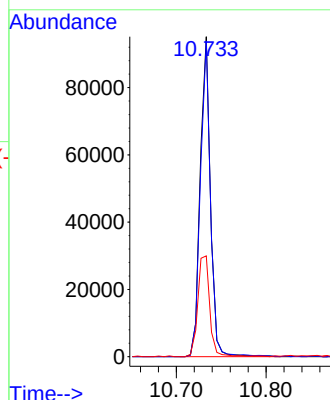
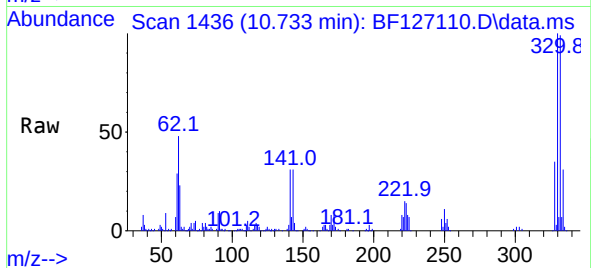
TP-1-1-8FT

Tgt Ion: 330 Resp: 7509
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 36.8 30.1 45.1

Manual Integrations

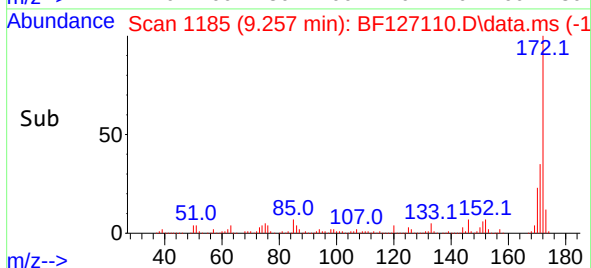
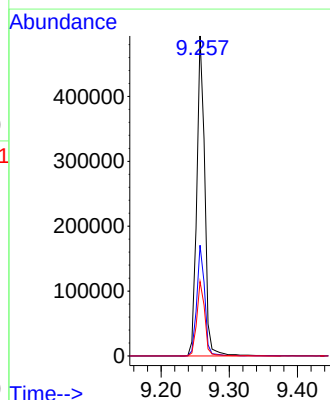
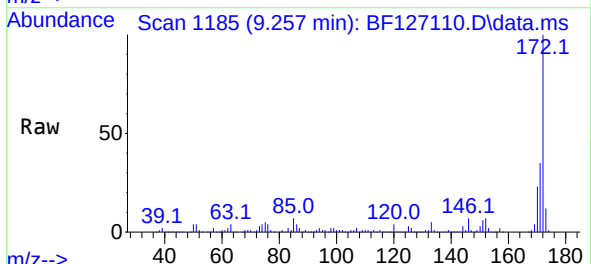
APPROVED

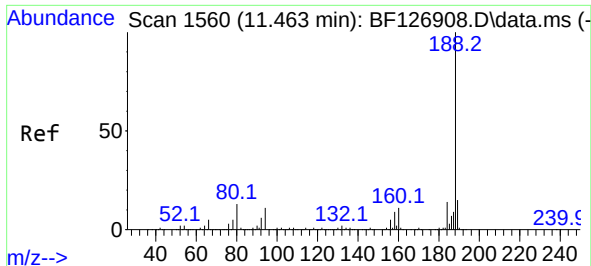
Reviewed By : Christian Giraldo 03/01/2022
Supervised By : Jagrut Upadhyay 03/01/2022



#45
2-Fluorobiphenyl
Concen: 33.019 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

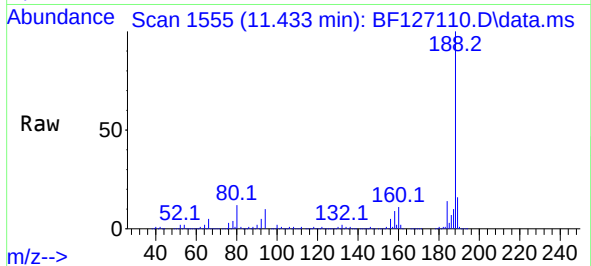
Tgt Ion: 172 Resp: 401557
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

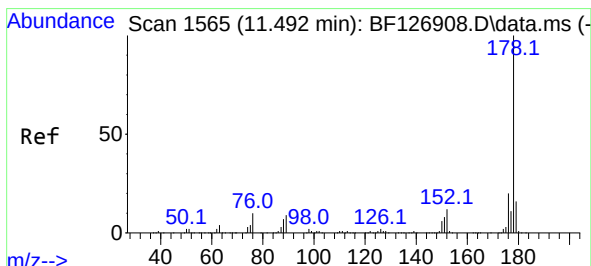
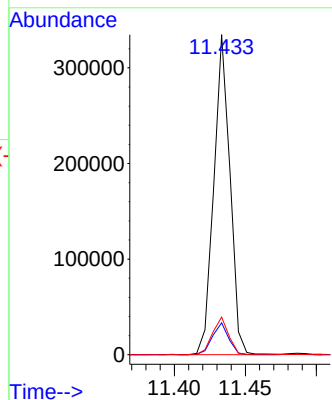
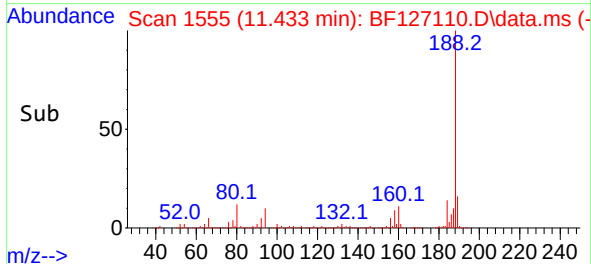
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



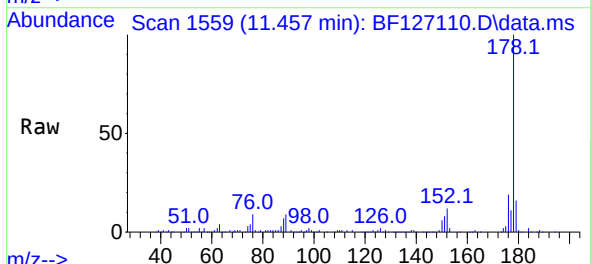
Tgt Ion:188 Resp: 265364
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1
80 11.8 11.8 17.6

Manual Integrations
APPROVED

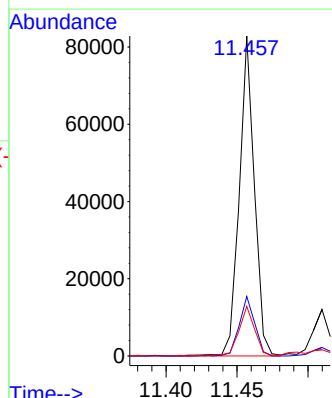
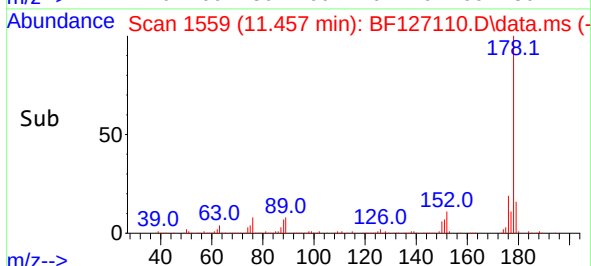
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

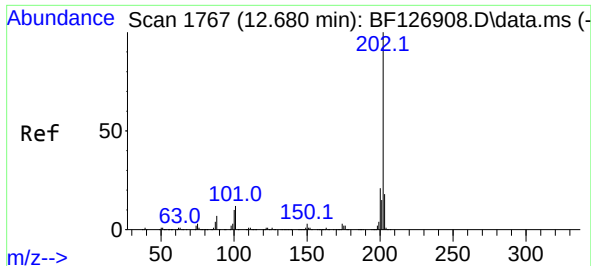


#71
Phenanthrene
Concen: 4.133 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06



Tgt Ion:178 Resp: 61384
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.5 12.3 18.5





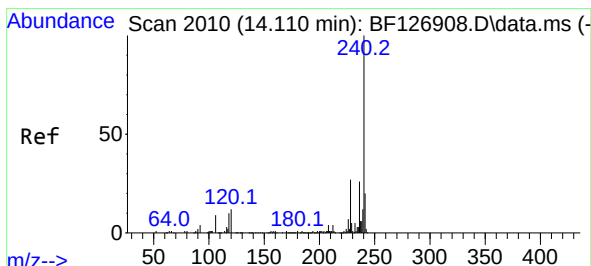
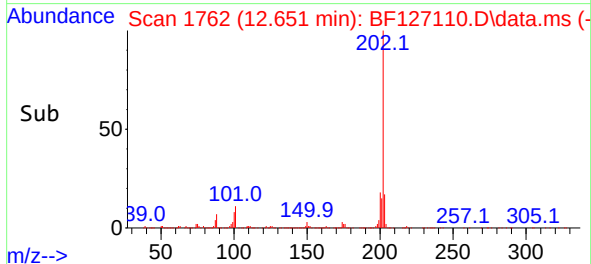
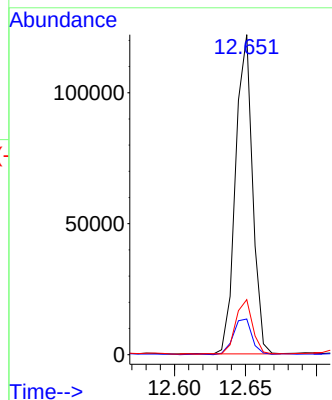
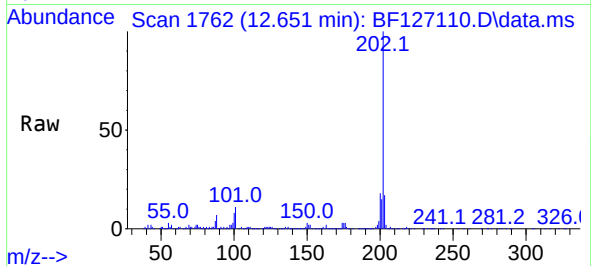
#75
Fluoranthene
Concen: 7.204 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT

Tgt Ion:202 Resp: 101592
Ion Ratio Lower Upper
202 100
101 11.1 0.0 35.7
203 17.2 0.0 37.1

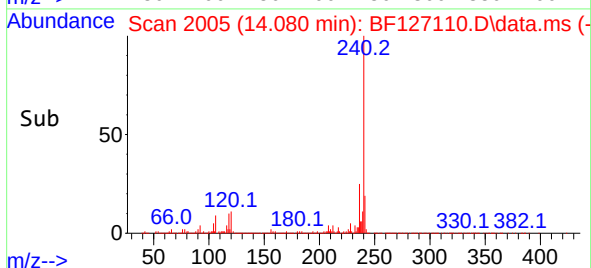
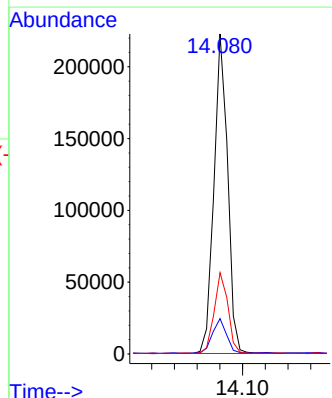
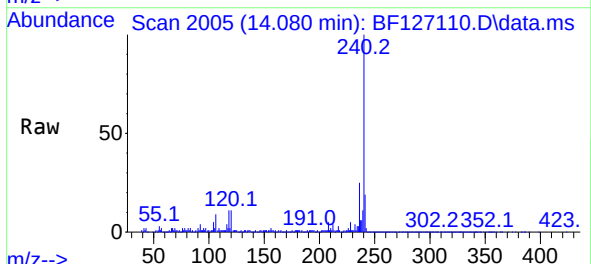
Manual Integrations
APPROVED

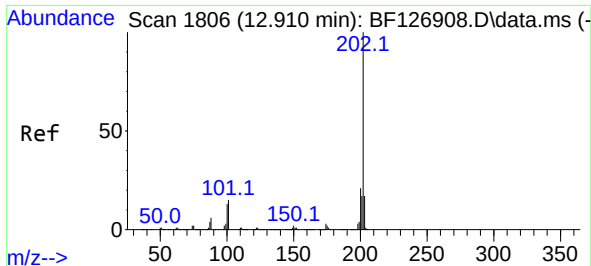
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

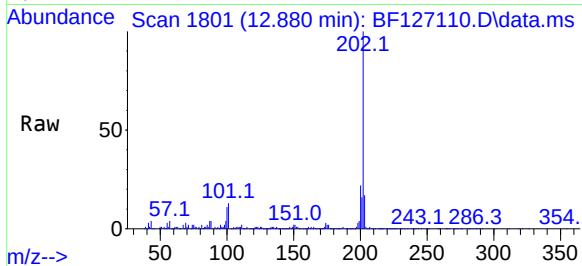
Tgt Ion:240 Resp: 186124
Ion Ratio Lower Upper
240 100
120 11.1 14.4 21.6#
236 25.4 20.5 30.7





#78
Pyrene
Concen: 5.635 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

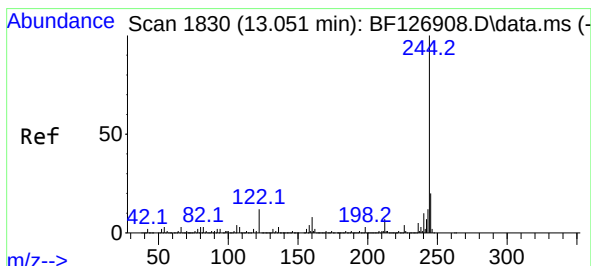
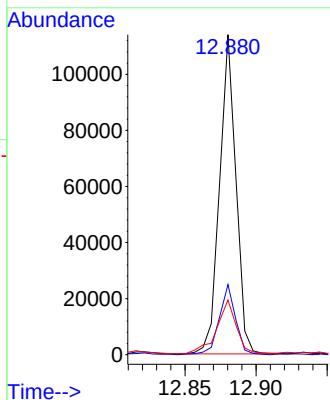
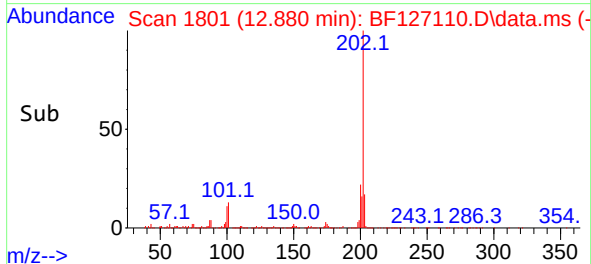
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



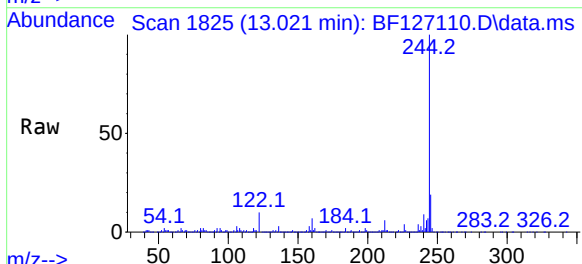
Tgt Ion:202 Resp: 9112
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 17.1 13.8 20.8

Manual Integrations
APPROVED

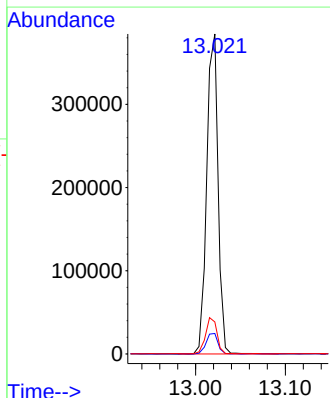
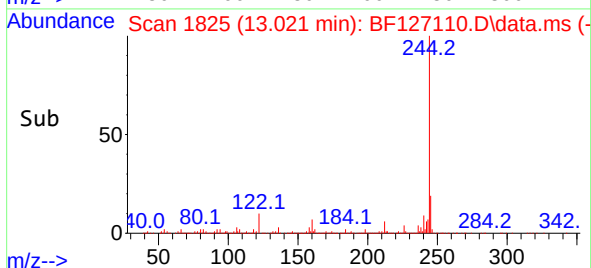
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

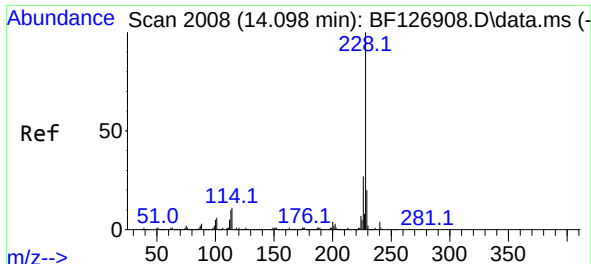


#79
Terphenyl-d14
Concen: 26.615 ng
RT: 13.021 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06



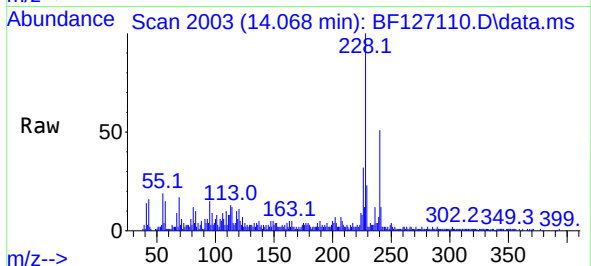
Tgt Ion:244 Resp: 336978
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.0 13.3 19.9





#81
Benzo(a)anthracene
Concen: 2.899 ng m
RT: 14.068 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

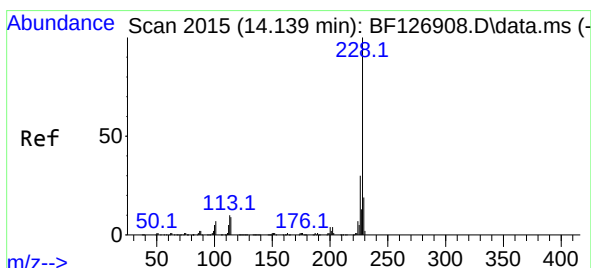
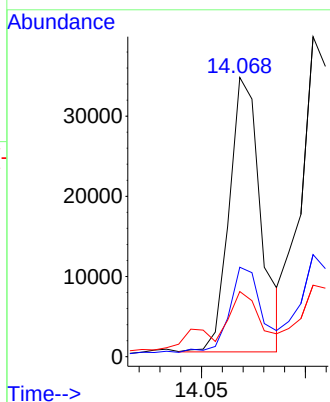
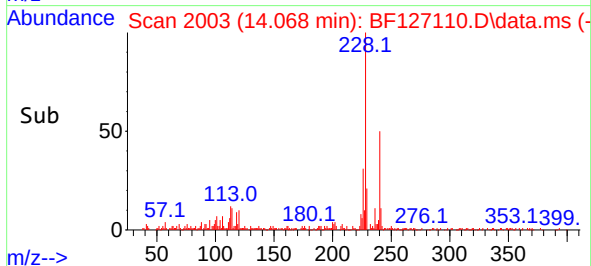
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



Tgt Ion:228 Resp: 3637
Ion Ratio Lower Upper
228 100
226 32.0 21.4 32.0
229 23.3 15.4 23.2

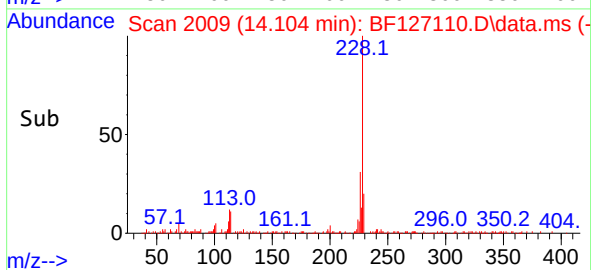
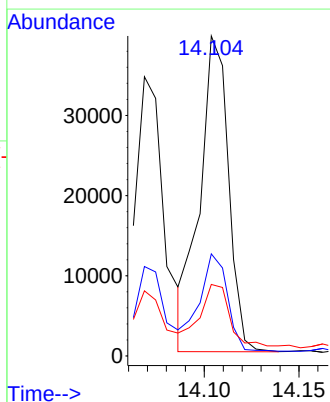
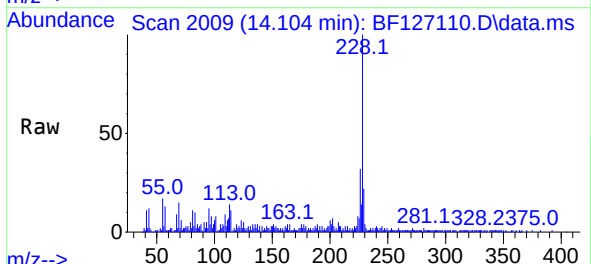
Manual Integrations
APPROVED

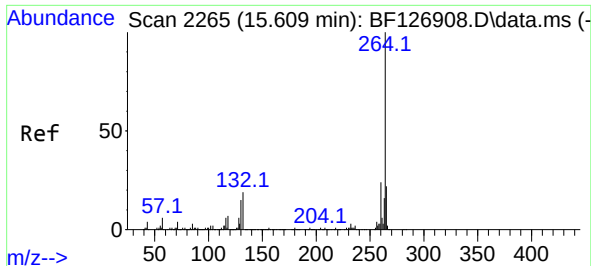
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#83
Chrysene
Concen: 3.535 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

Tgt Ion:228 Resp: 41708
Ion Ratio Lower Upper
228 100
226 31.9 23.7 35.5
229 22.3 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

Instrument :

BNA_F

ClientSampleId :

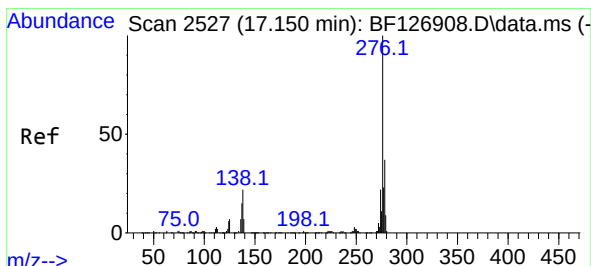
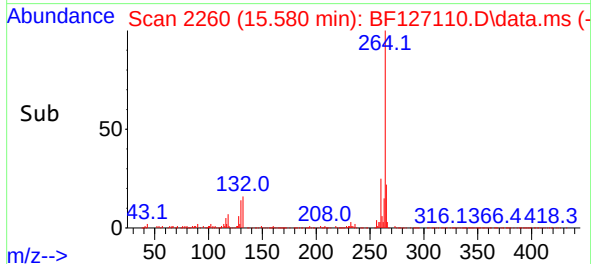
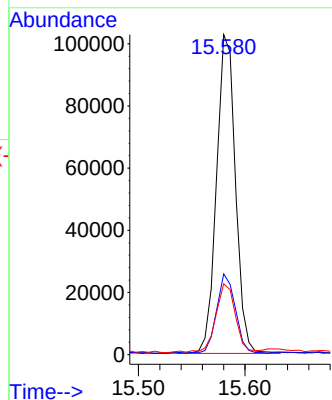
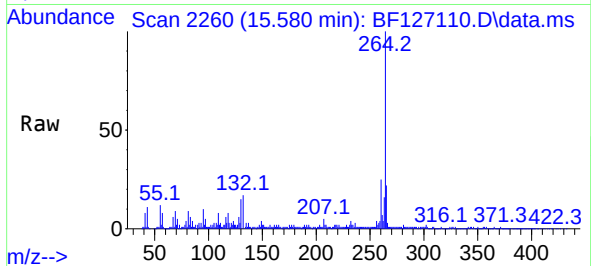
TP-1-1-8FT

Tgt Ion:264 Resp: 12654
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 22.1 17.4 26.2

Manual Integrations

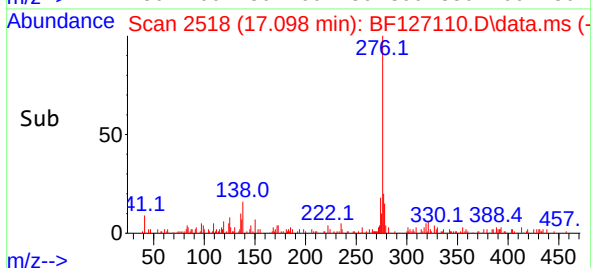
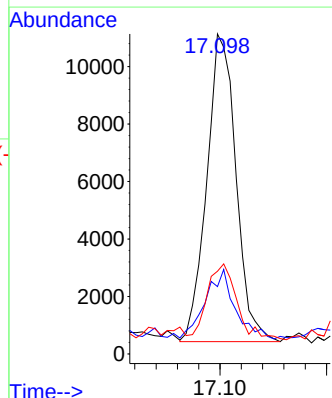
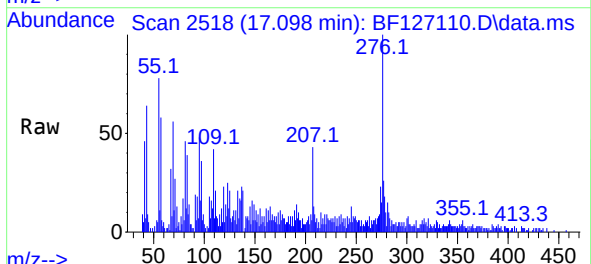
APPROVED

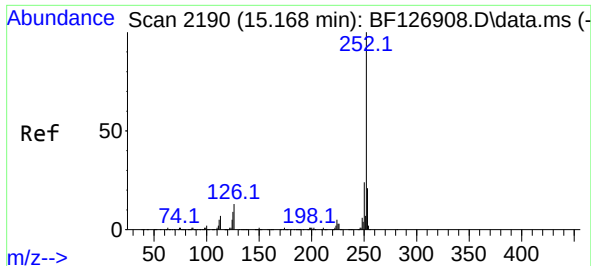
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.458 ng
RT: 17.098 min Scan# 2518
Delta R.T. -0.018 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

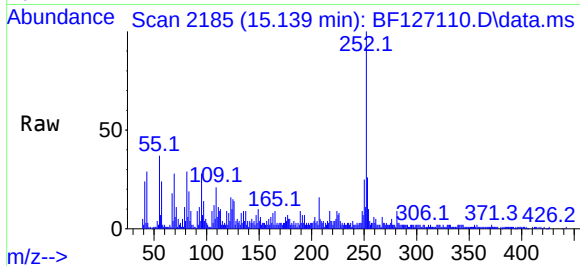
Tgt Ion:276 Resp: 20393
Ion Ratio Lower Upper
276 100
138 23.2 29.2 43.8#
277 25.1 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 5.338 ng m
RT: 15.139 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

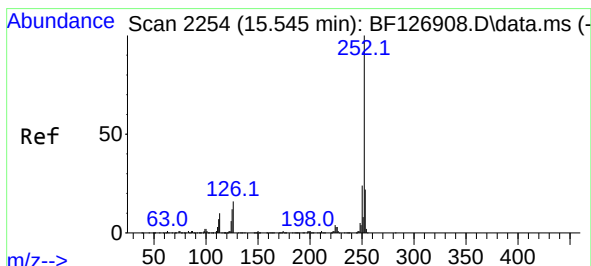
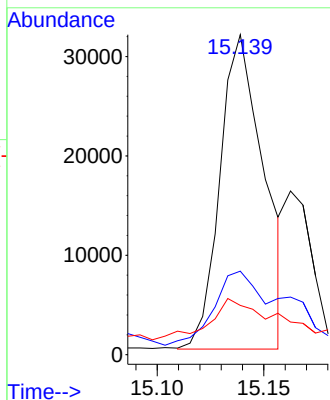
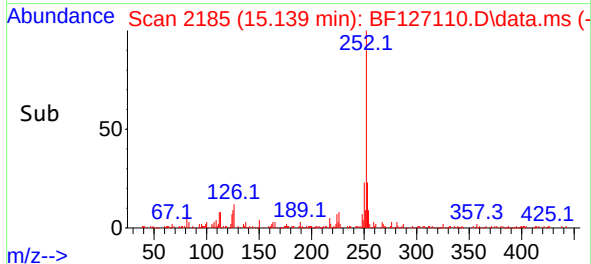
Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



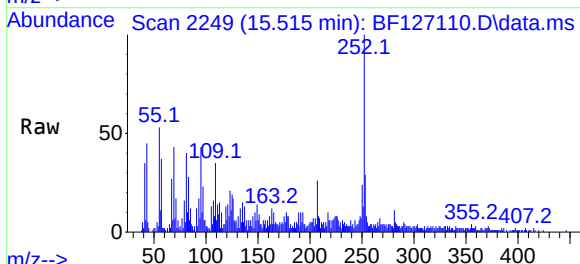
Tgt Ion:252 Resp: 4536
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.8
125 15.4 12.4 18.6

Manual Integrations
APPROVED

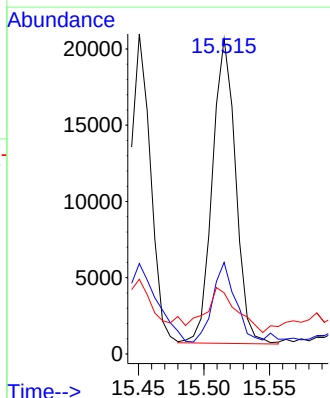
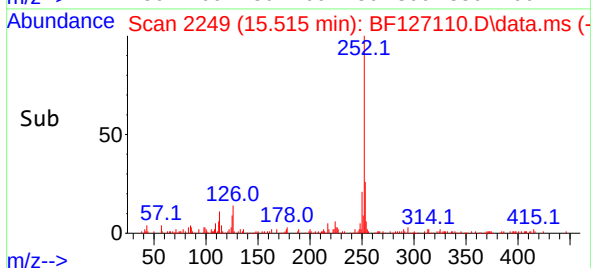
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

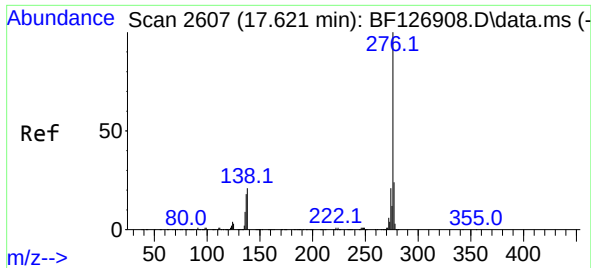


#90
Benzo(a)pyrene
Concen: 3.706 ng
RT: 15.515 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06



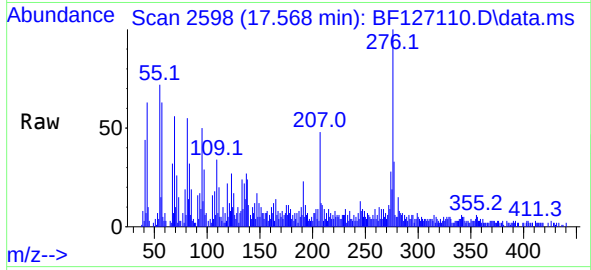
Tgt Ion:252 Resp: 24605
Ion Ratio Lower Upper
252 100
253 29.0 17.1 25.7#
125 19.4 13.0 19.6





#92
Benzo(g,h,i)perylene
Concen: 3.573 ng
RT: 17.568 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127110.D
Acq: 28 Feb 2022 20:06

Instrument :
BNA_F
ClientSampleId :
TP-1-1-8FT



Tgt Ion: 276 Resp: 2417
Ion Ratio Lower Upper
276 100
277 32.9 18.5 27.7
138 23.6 25.9 38.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/01/2022
Supervised By : Jagrut Upadhyay 03/01/2022

