

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130047.D
 Acq On : 29 Aug 2022 22:14
 Operator : CG\JU
 Sample : N4378-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082522

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/30/2022
 Supervised By : Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 01:33:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	121903	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	460308	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	216578	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	300872	20.000	ng	0.00
76) Chrysene-d12	13.869	240	250973	20.000	ng	0.00
86) Perylene-d12	15.298	264	287090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	77787	10.565	ng	0.02
7) Phenol-d6	6.381	99	99468	10.788	ng	0.01
23) Nitrobenzene-d5	7.275	82	61600	7.164	ng	0.00
42) 2,4,6-Tribromophenol	10.534	330	17052	7.845	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	117253	8.223	ng	0.00
79) Terphenyl-d14	12.804	244	93123	6.174	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.439	202	97570	5.674	ng	99
78) Pyrene	12.669	202	131686	6.038	ng	99
81) Benzo(a)anthracene	13.857	228	75374	4.366	ng	99
83) Chrysene	13.898	228	72894	4.510	ng	98
87) Indeno(1,2,3-cd)pyrene	16.721	276	53430	2.711	ng	# 91
88) Benzo(b)fluoranthene	14.892	252	118729m	6.040	ng	
90) Benzo(a)pyrene	15.245	252	91053	5.882	ng	99
92) Benzo(g,h,i)perylene	17.151	276	56739	3.497	ng	96

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

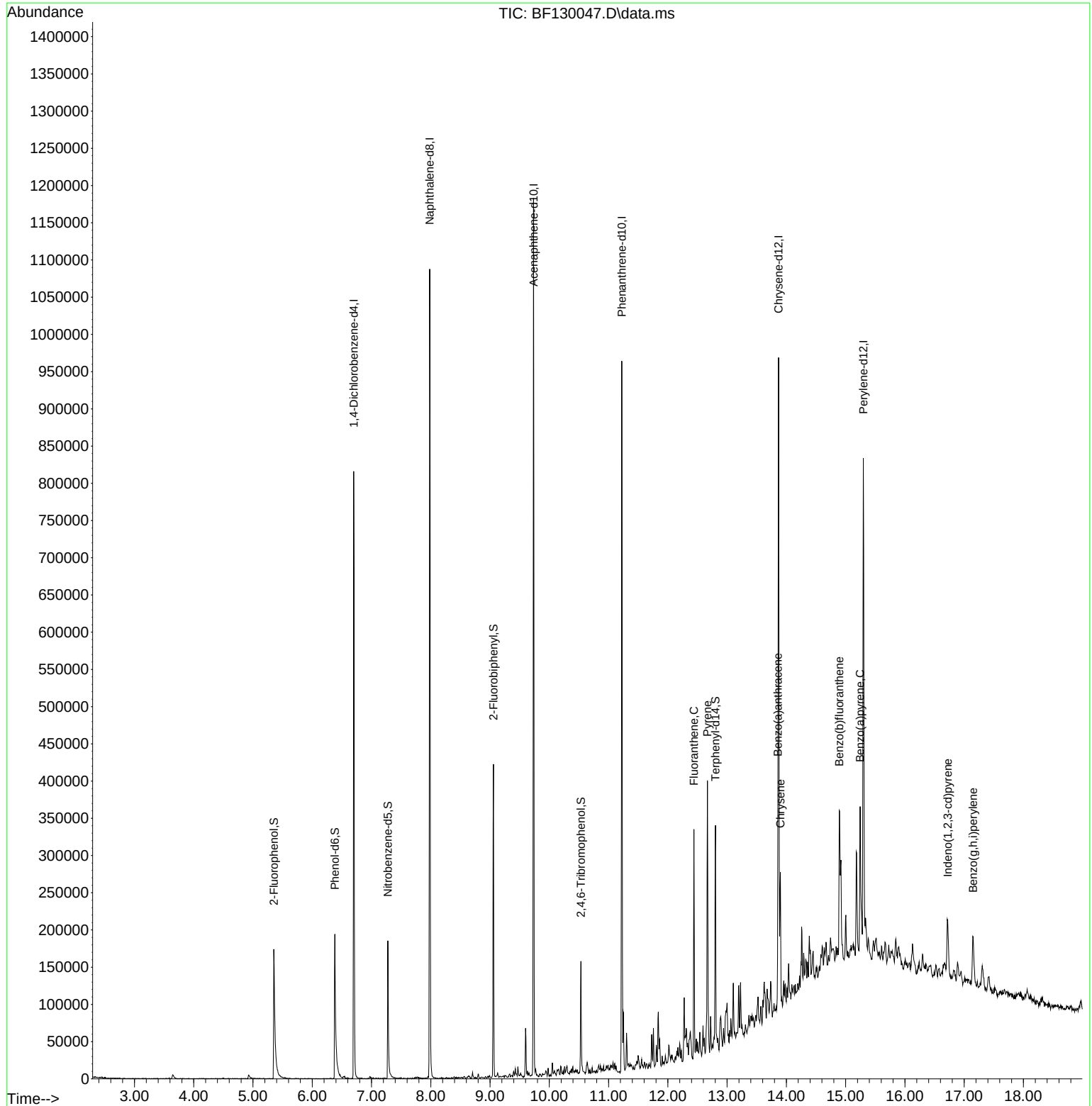
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
Data File : BF130047.D
Acq On : 29 Aug 2022 22:14
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

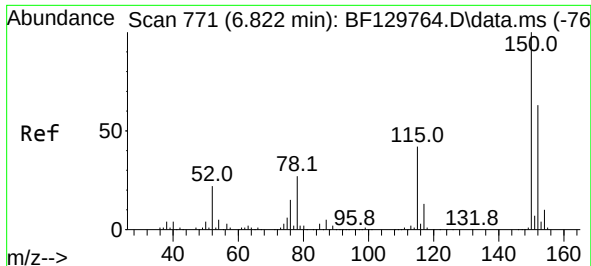
Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/30/2022
Supervised By : Jagrut Upadhyay 08/30/2022

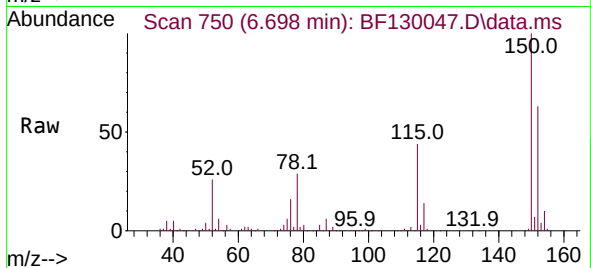
Quant Time: Aug 30 01:33:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 30 01:22:56 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

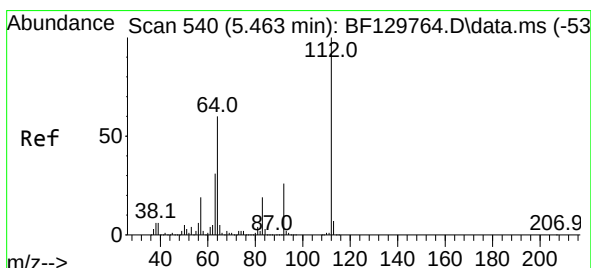
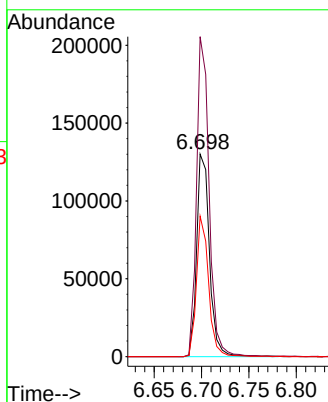
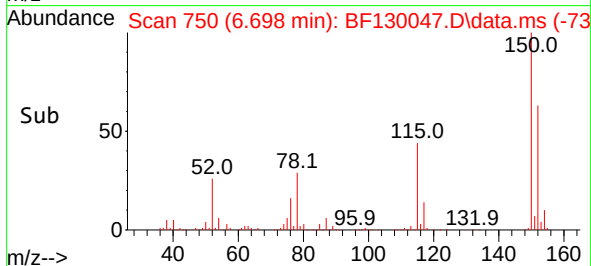
Instrument :
BNA_F
ClientSampleId :
CL-01-082522



Tgt Ion:152 Resp: 121903
Ion Ratio Lower Upper
152 100
150 158.1 126.9 190.3
115 69.3 53.4 80.0

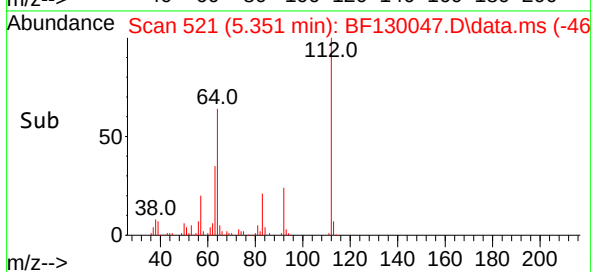
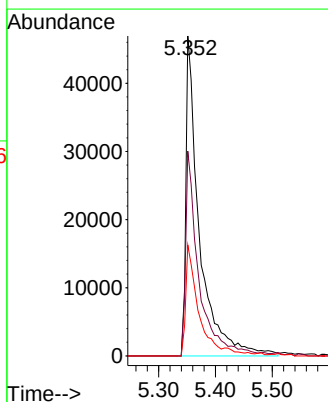
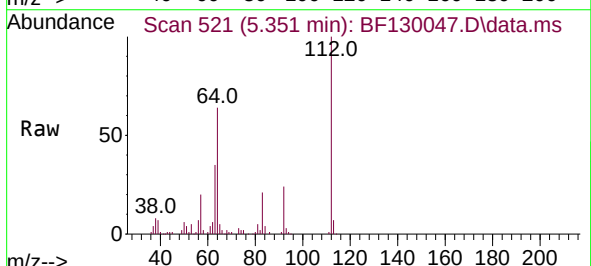
Manual Integrations
APPROVED

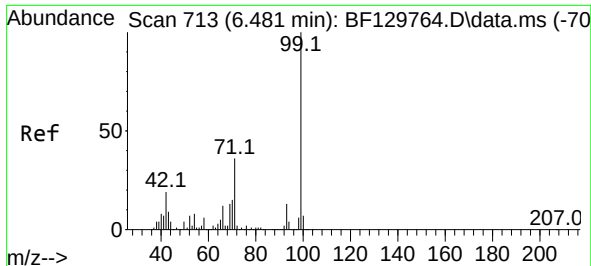
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#5
2-Fluorophenol
Concen: 10.565 ng
RT: 5.351 min Scan# 521
Delta R.T. 0.018 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

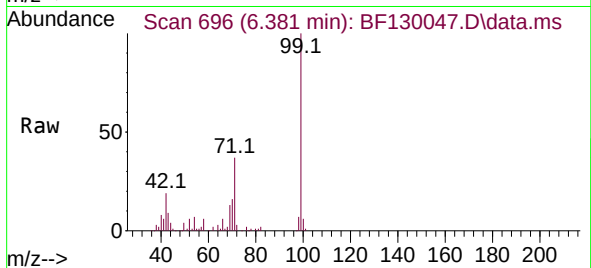
Tgt Ion:112 Resp: 77787
Ion Ratio Lower Upper
112 100
64 64.0 47.6 71.4
63 34.6 24.6 37.0





#7
Phenol-d6
Concen: 10.788 ng
RT: 6.381 min Scan# 64
Delta R.T. 0.012 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

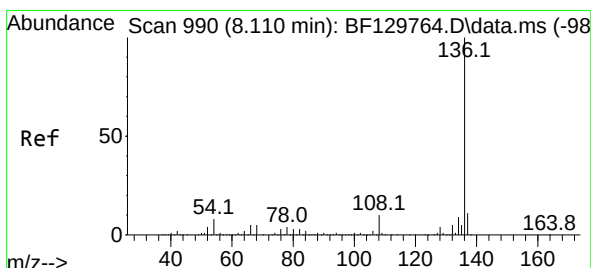
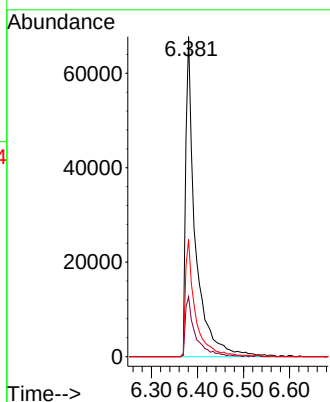
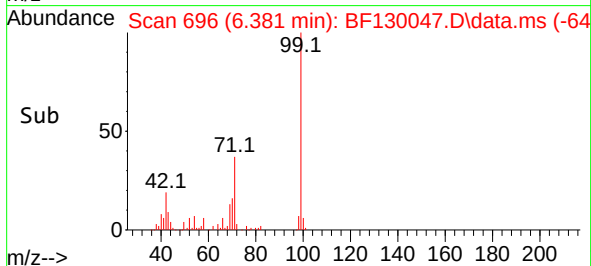
Instrument :
BNA_F
ClientSampleId :
CL-01-082522



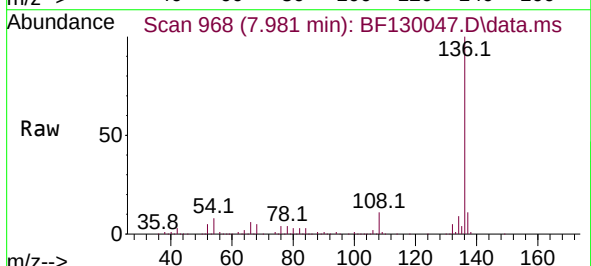
Tgt Ion: 99 Resp: 99468
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.6 28.8 43.2

Manual Integrations
APPROVED

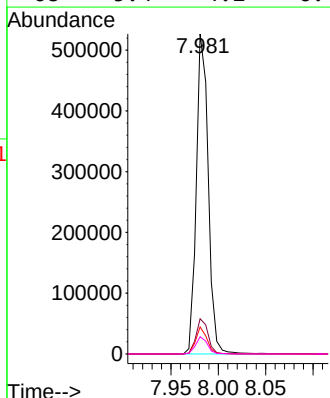
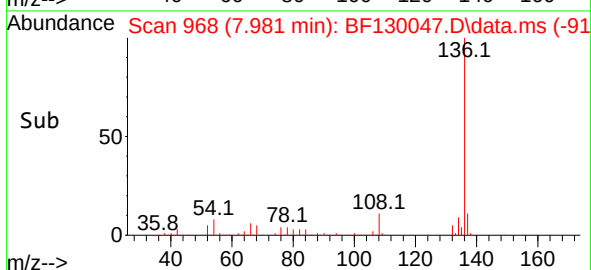
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

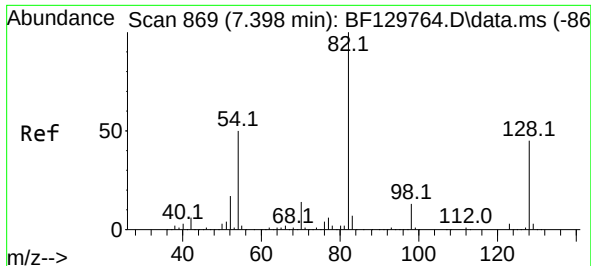


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14



Tgt Ion:136 Resp: 460308
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.4 6.2 9.2
68 5.4 4.2 6.4





#23
Nitrobenzene-d5
Concen: 7.164 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

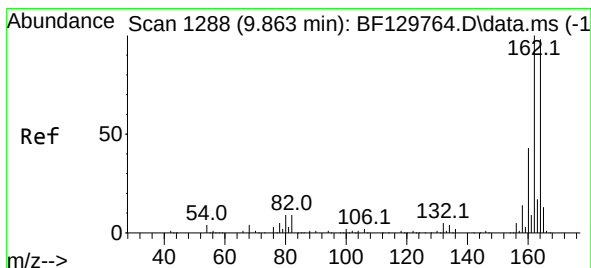
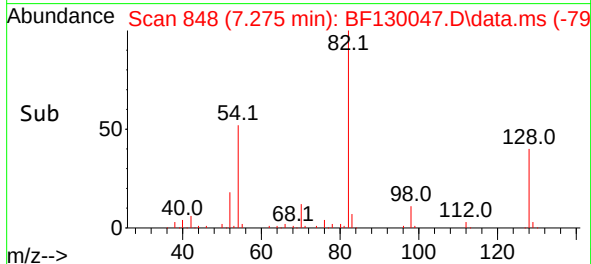
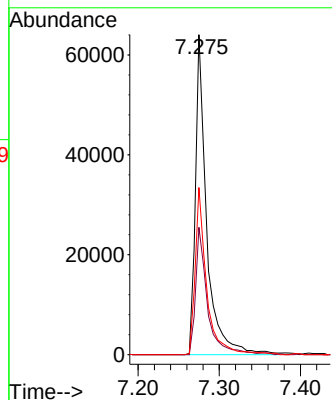
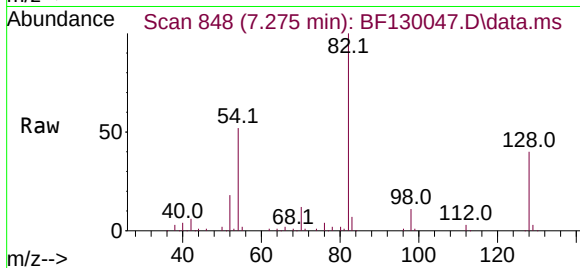
CL-01-082522

Tgt Ion: 82 Resp: 61600
Ion Ratio Lower Upper
82 100
128 39.8 36.1 54.1
54 52.2 40.0 60.0

Manual Integrations

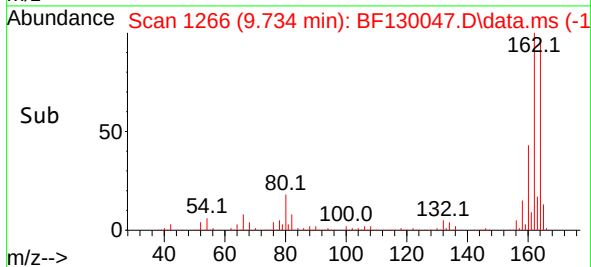
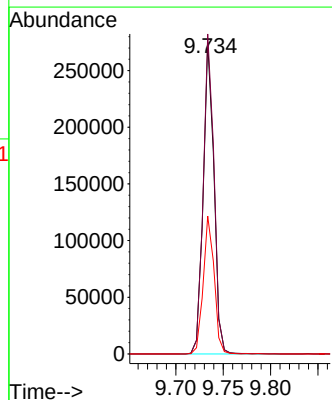
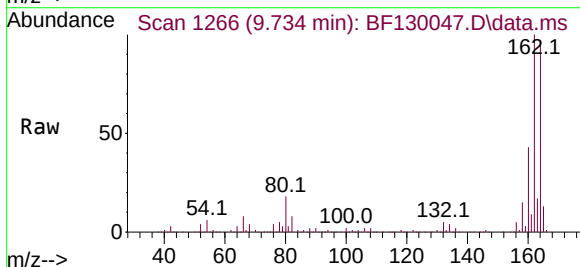
APPROVED

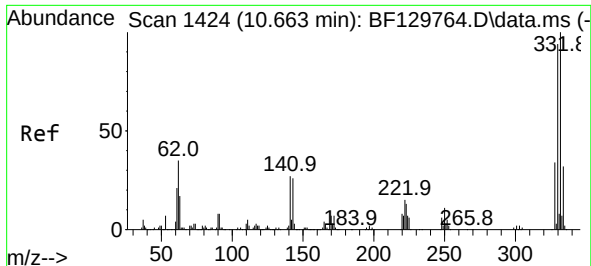
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

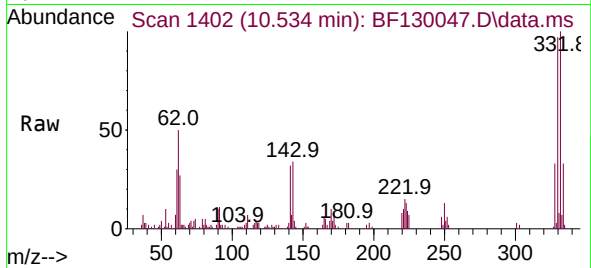
Tgt Ion:164 Resp: 216578
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 44.3 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 7.845 ng
RT: 10.534 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

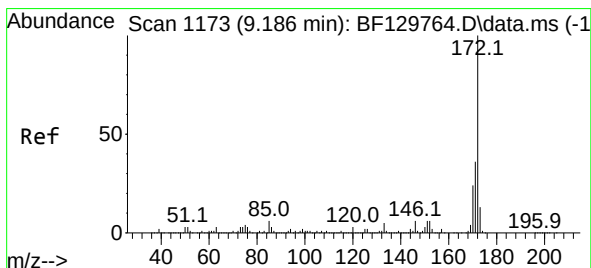
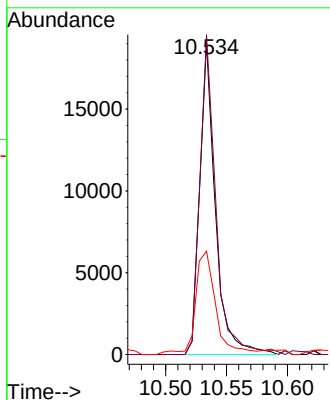
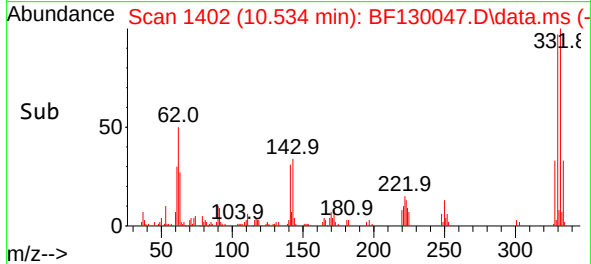
Instrument :
BNA_F
ClientSampleId :
CL-01-082522



Tgt Ion: 330 Resp: 17052
Ion Ratio Lower Upper
330 100
332 104.3 82.6 124.0
141 42.9 27.6 41.4

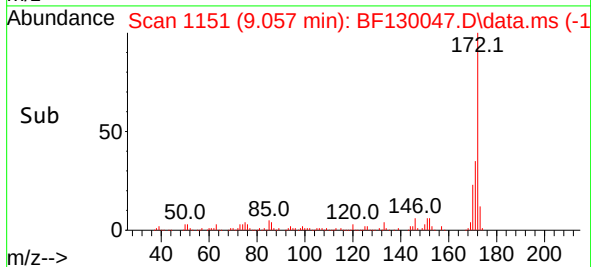
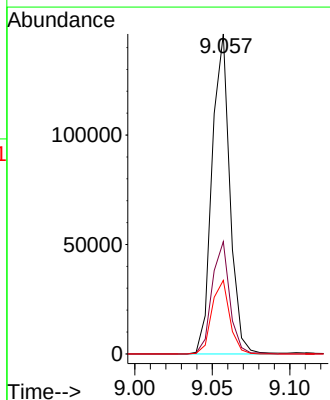
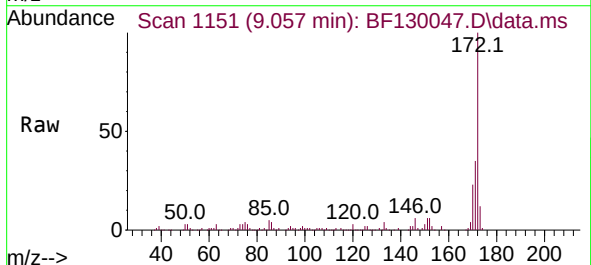
Manual Integrations
APPROVED

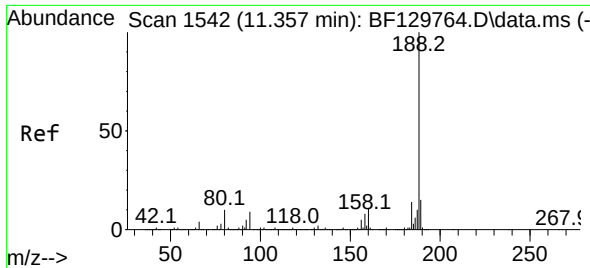
Reviewed By : Christian Giraldo 08/30/2022
Supervised By : Jagrut Upadhyay 08/30/2022



#45
2-Fluorobiphenyl
Concen: 8.223 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

Tgt Ion: 172 Resp: 117253
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.0 19.1 28.7





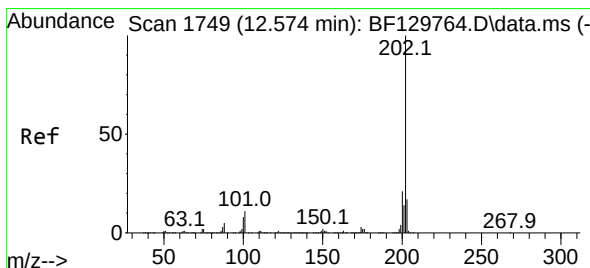
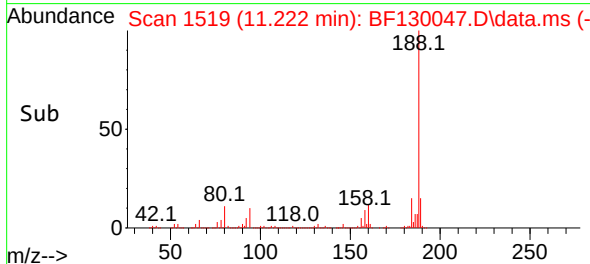
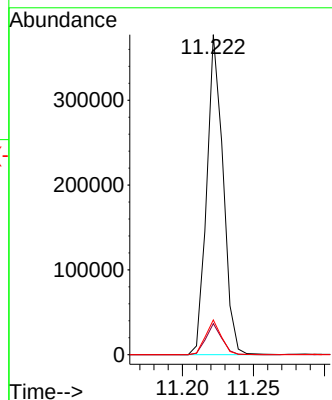
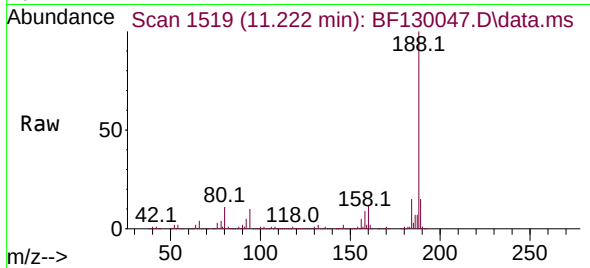
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Tgt Ion:188 Resp: 300872
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.8 7.9 11.9

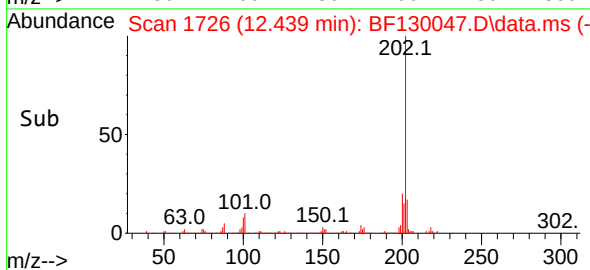
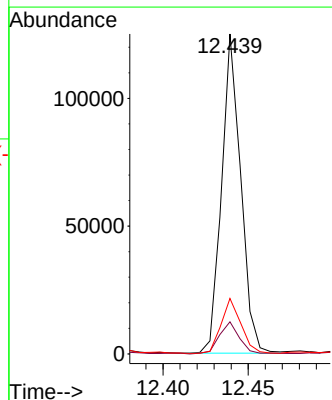
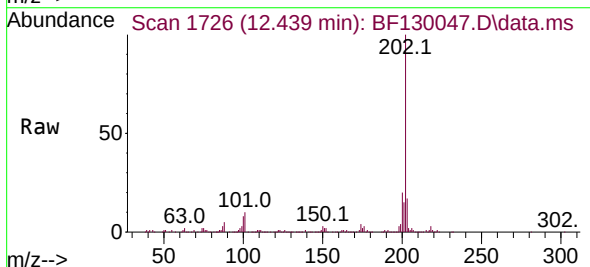
Manual Integrations
APPROVED

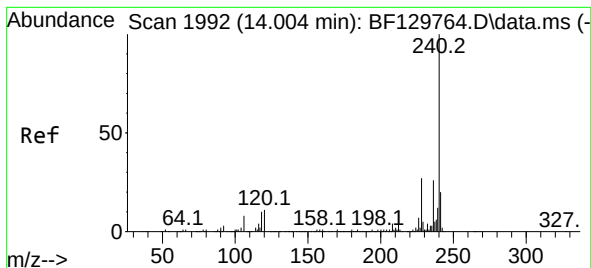
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#75
Fluoranthene
Concen: 5.674 ng
RT: 12.439 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

Tgt Ion:202 Resp: 97570
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.869 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130047.D

Acq: 29 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

CL-01-082522

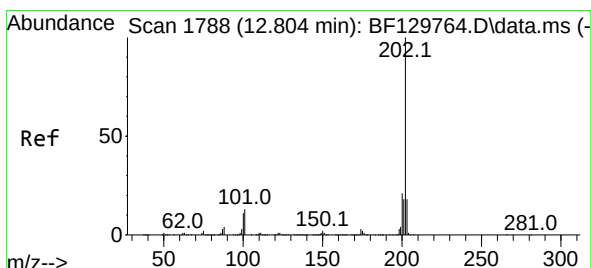
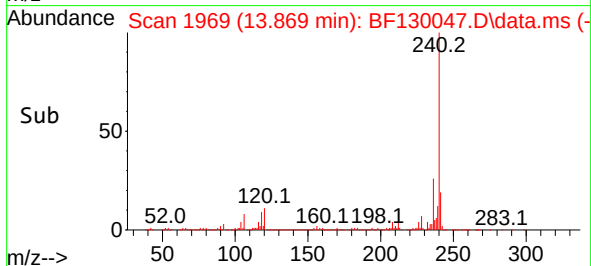
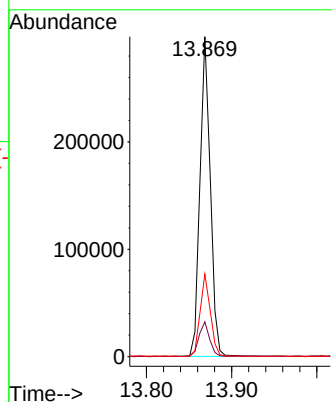
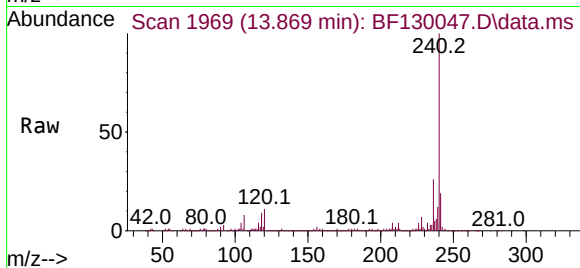
Tgt Ion:	240	Resp:	250973
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.2	13.8
236	25.8	20.7	31.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/30/2022

Supervised By :Jagrut Upadhyay 08/30/2022



#78

Pyrene

Concen: 6.038 ng

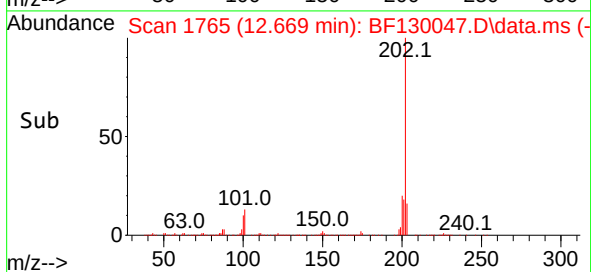
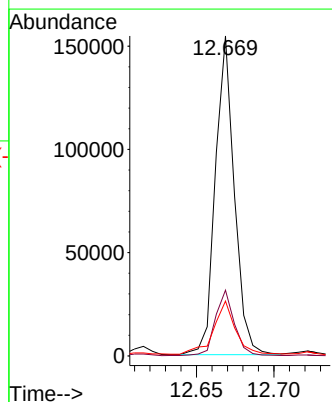
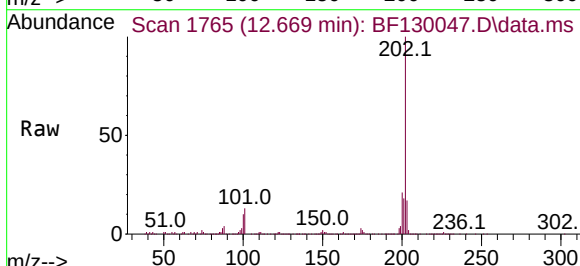
RT: 12.669 min Scan# 1765

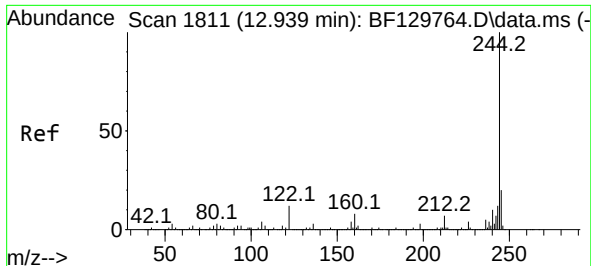
Delta R.T. -0.006 min

Lab File: BF130047.D

Acq: 29 Aug 2022 22:14

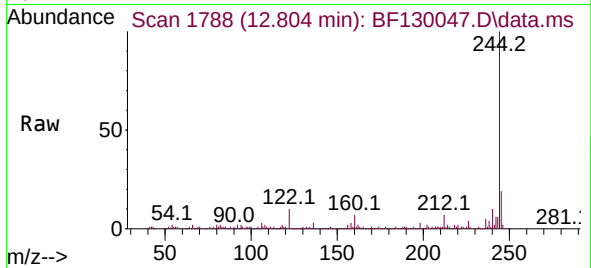
Tgt Ion:	202	Resp:	131686
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.0	25.6
203	17.2	14.1	21.1





#79
Terphenyl-d14
Concen: 6.174 ng
RT: 12.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

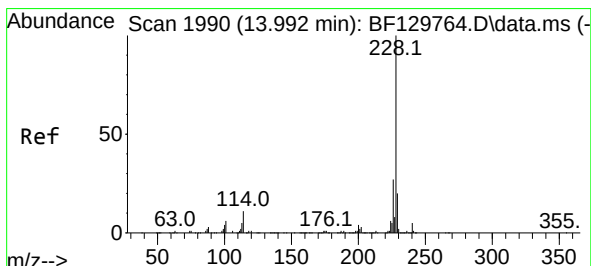
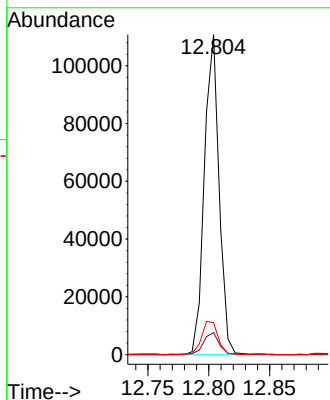
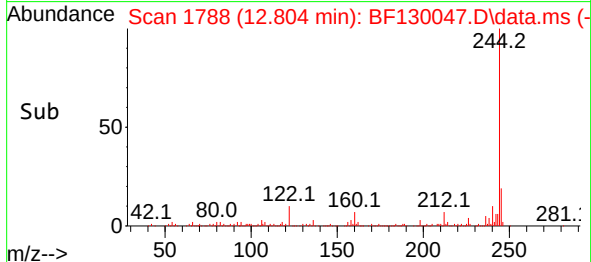
Instrument :
BNA_F
ClientSampleId :
CL-01-082522



Tgt Ion:244 Resp: 93123
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.0 9.9 14.9

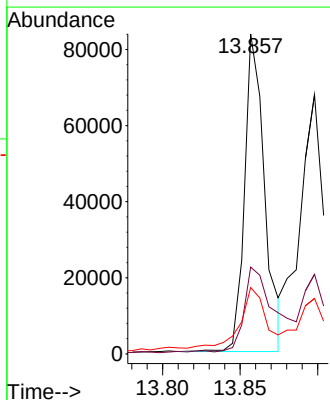
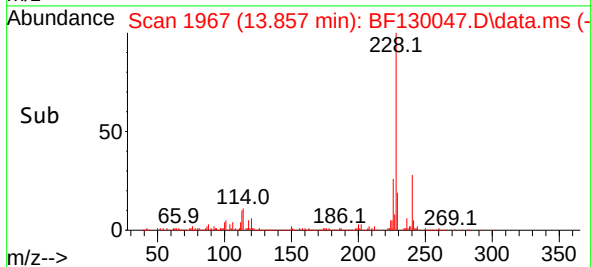
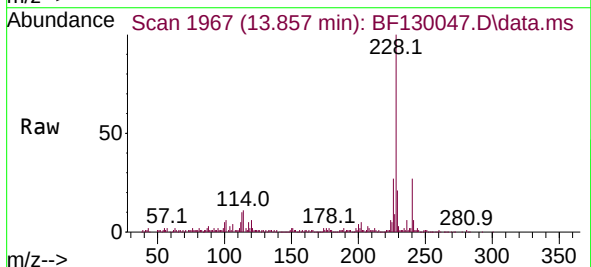
Manual Integrations
APPROVED

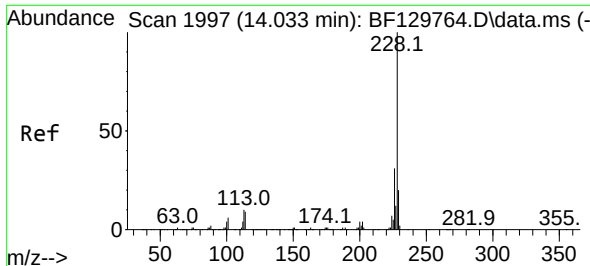
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#81
Benzo(a)anthracene
Concen: 4.366 ng
RT: 13.857 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

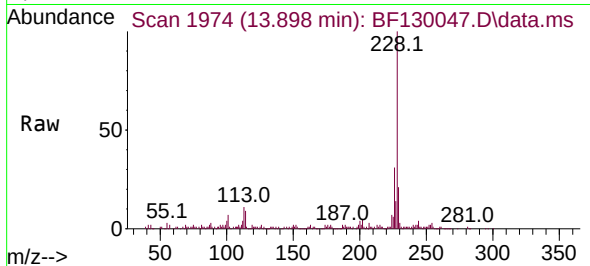
Tgt Ion:228 Resp: 75374
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 20.7 16.1 24.1





#83
Chrysene
Concen: 4.510 ng
RT: 13.898 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

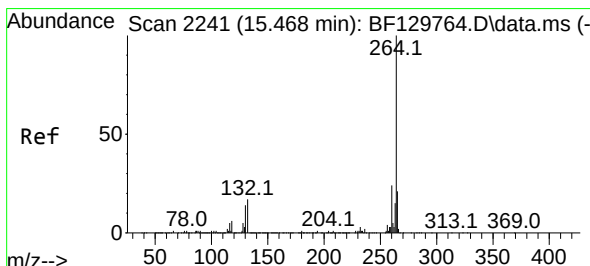
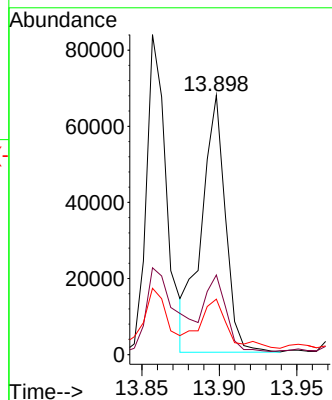
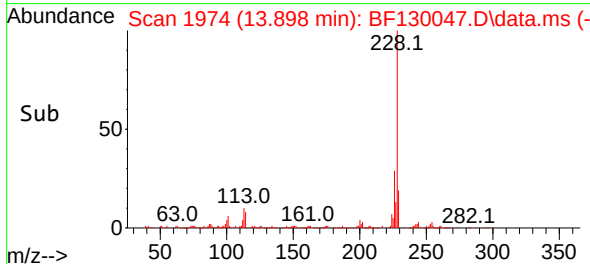
Instrument :
BNA_F
ClientSampleId :
CL-01-082522



Tgt Ion:228 Resp: 72894
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.4 15.9 23.9

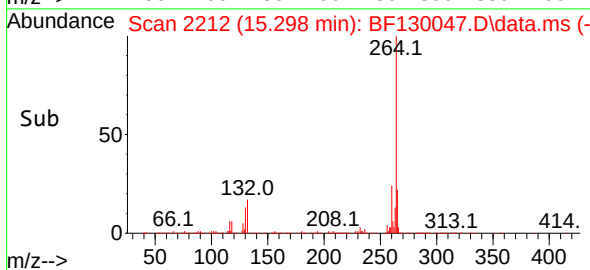
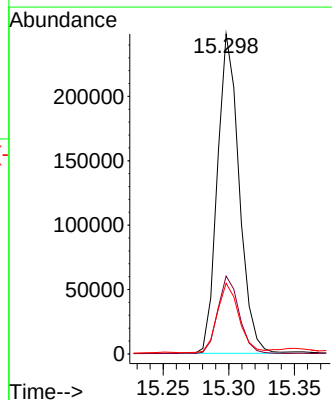
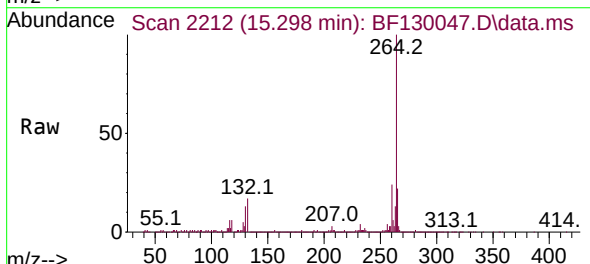
Manual Integrations
APPROVED

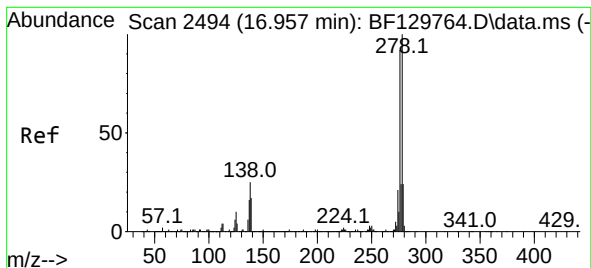
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

Tgt Ion:264 Resp: 287090
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.1 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.711 ng

RT: 16.721 min Scan# 2494

Delta R.T. 0.006 min

Lab File: BF130047.D

Acq: 29 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

CL-01-082522

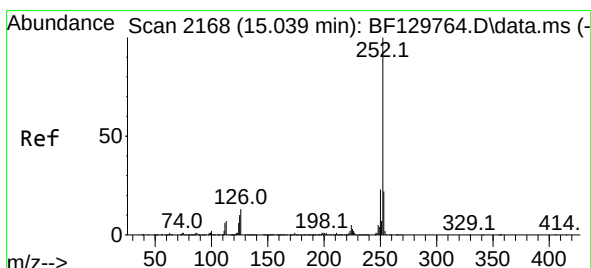
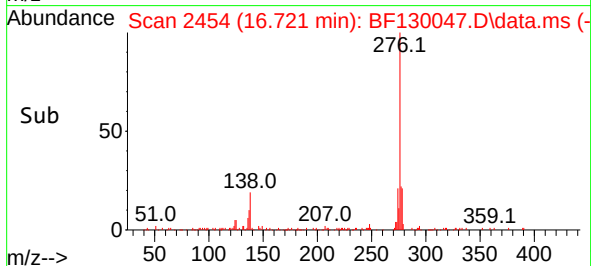
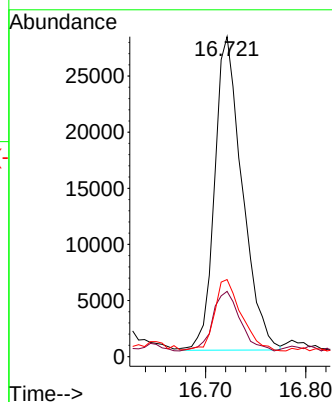
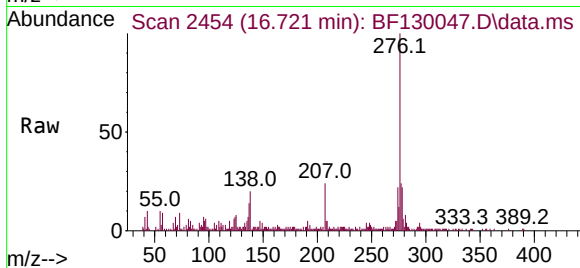
Tgt Ion:	276	Resp:	53430
Ion Ratio	Lower	Upper	
276	100		
138	19.1	19.8	29.8
277	22.4	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/30/2022

Supervised By :Jagrut Upadhyay 08/30/2022



#88

Benzo(b)fluoranthene

Concen: 6.040 ng m

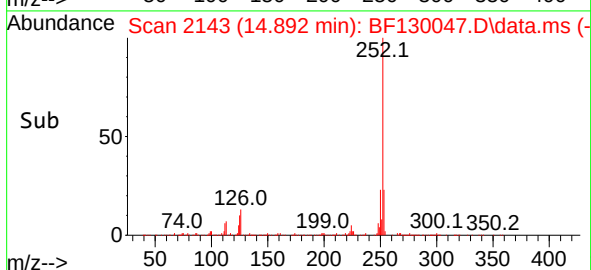
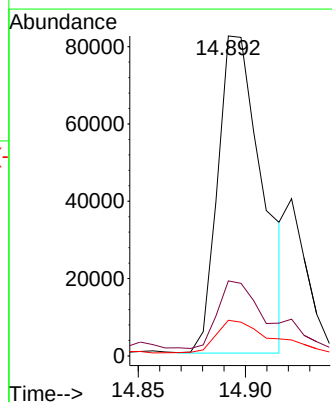
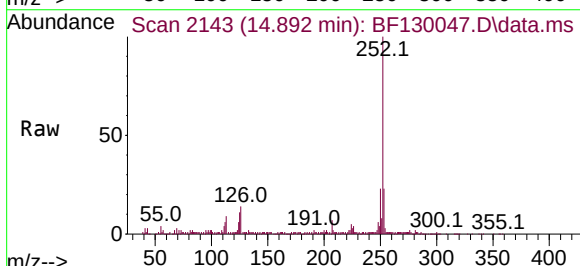
RT: 14.892 min Scan# 2143

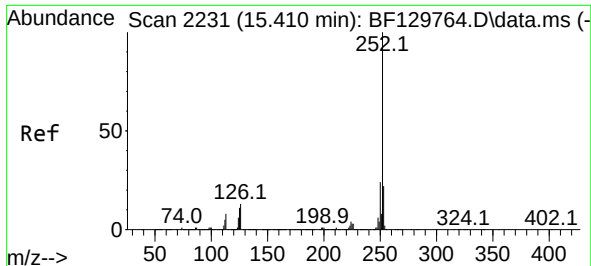
Delta R.T. 0.000 min

Lab File: BF130047.D

Acq: 29 Aug 2022 22:14

Tgt Ion:	252	Resp:	118729
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	11.2	8.3	12.5





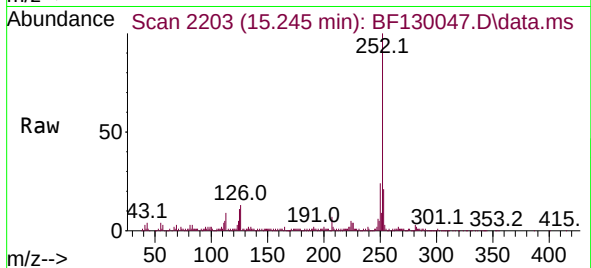
#90
Benzo(a)pyrene
Concen: 5.882 ng
RT: 15.245 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14

Instrument :

BNA_F

ClientSampleId :

CL-01-082522

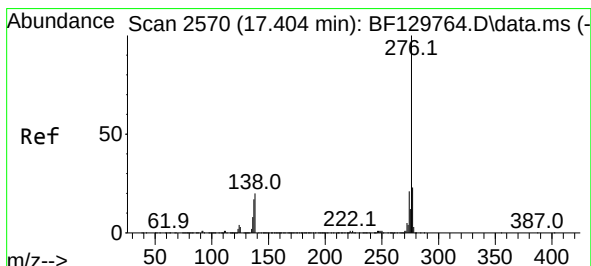
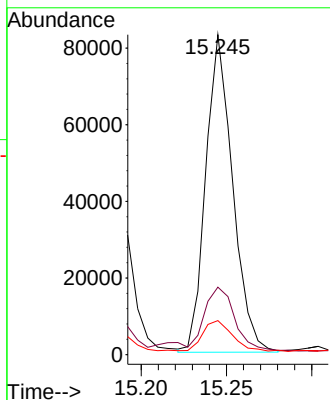
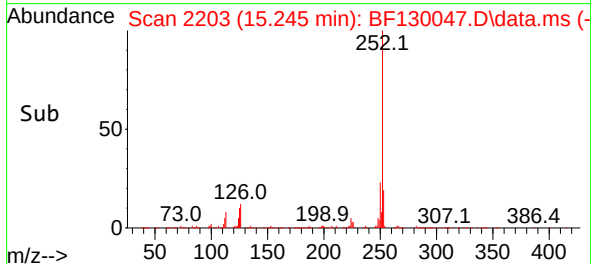


Tgt Ion:252 Resp: 91053
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 10.6 8.8 13.2

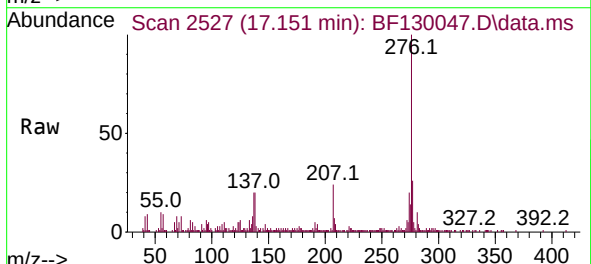
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#92
Benzo(g,h,i)perylene
Concen: 3.497 ng
RT: 17.151 min Scan# 2527
Delta R.T. 0.018 min
Lab File: BF130047.D
Acq: 29 Aug 2022 22:14



Tgt Ion:276 Resp: 56739
Ion Ratio Lower Upper
276 100
277 26.1 18.2 27.4
138 19.7 15.8 23.8

