

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127242.D
 Acq On : 08 Mar 2022 01:49
 Operator : CG\JU
 Sample : N1806-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-27

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 02:12:38 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	6.875	152	93904	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	382192	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	192946	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	307389	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	154444	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	160138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	651263	107.192	ng	0.00
7) Phenol-d6	6.510	99	863046	105.272	ng	0.00
23) Nitrobenzene-d5	7.445	82	596912	70.496	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	261838	117.865	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	992445	75.722	ng	0.00
79) Terphenyl-d14	12.998	244	819080	77.962	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	49523	2.878	ng	98
75) Fluoranthene	12.627	202	96824	5.927	ng	93
78) Pyrene	12.857	202	76358	5.691	ng	99
81) Benzo(a)anthracene	14.045	228	31256	3.002	ng	96
83) Chrysene	14.080	228	34695	3.543	ng	96
87) Indeno(1,2,3-cd)pyrene	17.051	276	23540	2.242	ng	# 82
88) Benzo(b)fluoranthene	15.110	252	54053m	5.026	ng	
90) Benzo(a)pyrene	15.480	252	33194	3.951	ng	# 92
92) Benzo(g,h,i)perylene	17.509	276	21124	2.467	ng	# 82

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

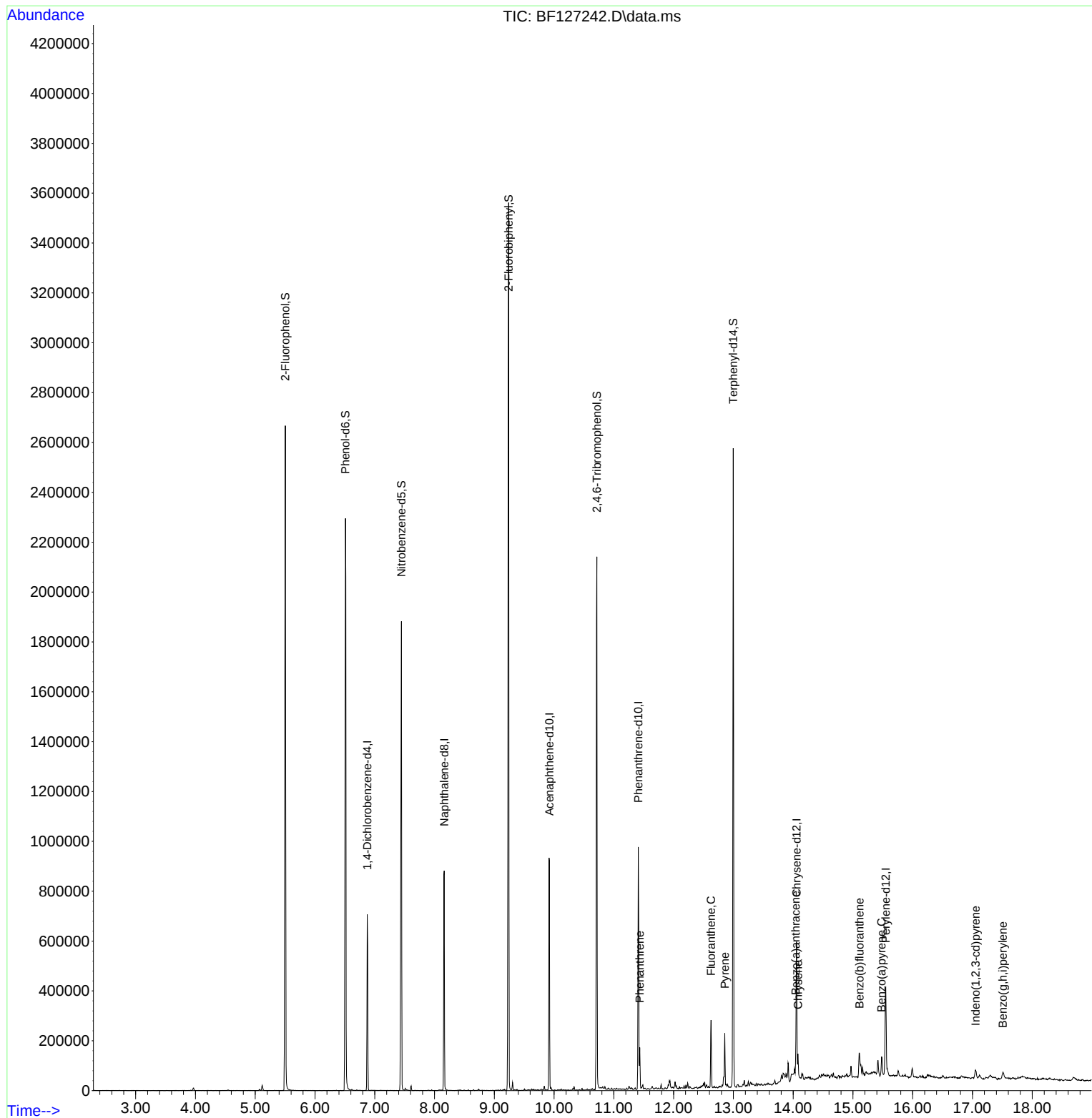
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127242.D
Acq On : 08 Mar 2022 01:49
Operator : CG\JU
Sample : N1806-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

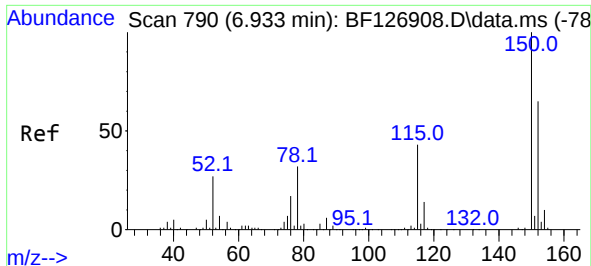
Instrument :
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DUM-27

Quant Time: Mar 08 02:12:38 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

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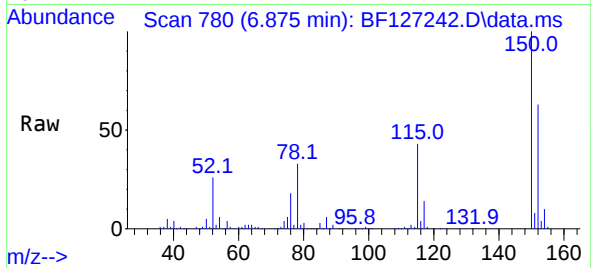
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

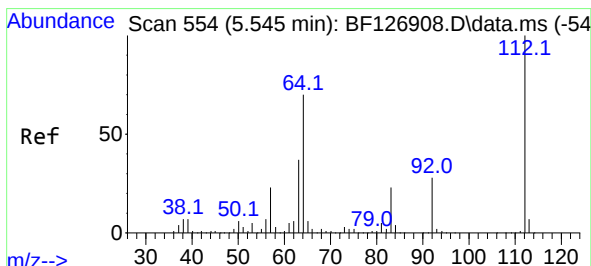
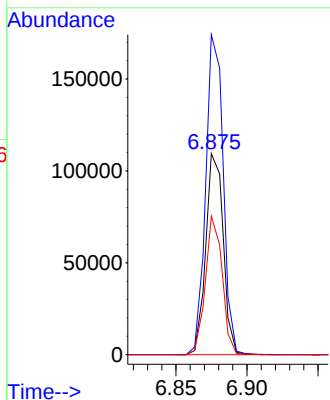
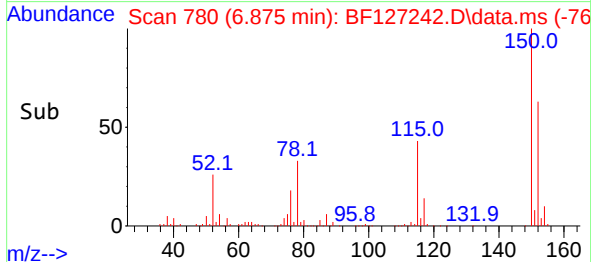
Instrument :
BNA_F
ClientSampleId :
DUM-27



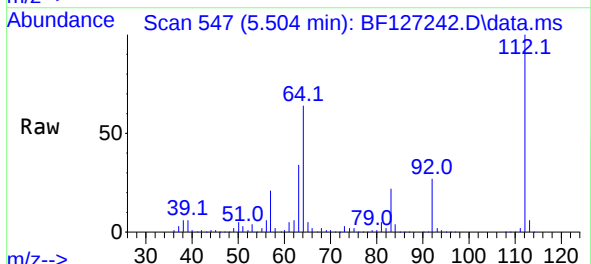
Tgt Ion:152 Resp: 93904
Ion Ratio Lower Upper
152 100
150 159.2 128.1 192.1
115 69.0 56.7 85.1

Manual Integrations
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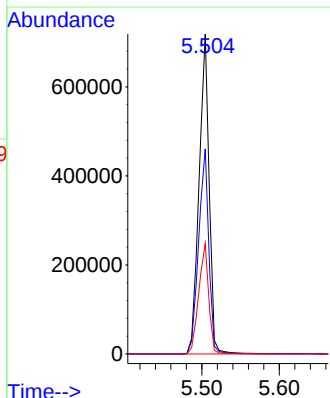
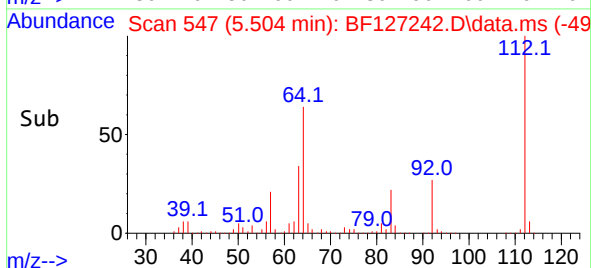
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#5
2-Fluorophenol
Concen: 107.192 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49



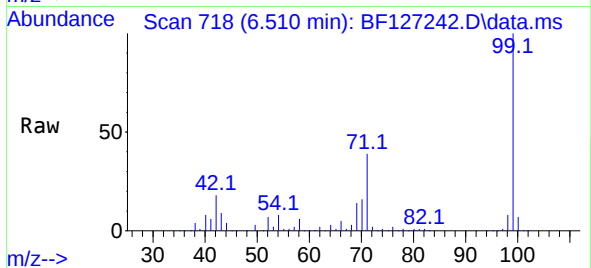
Tgt Ion:112 Resp: 651263
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 34.5 23.9 35.9





#7
Phenol-d6
Concen: 105.272 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

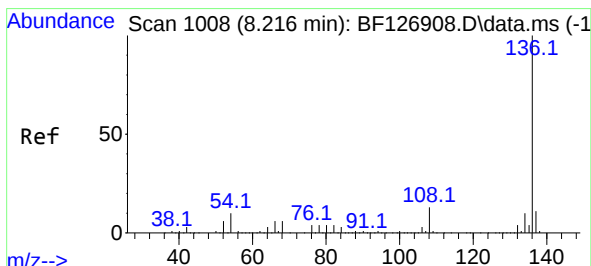
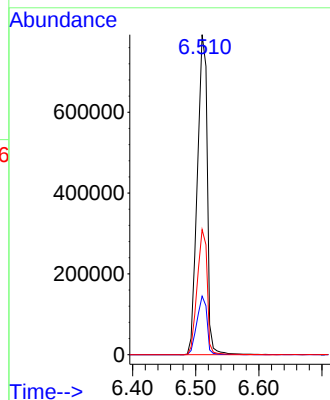
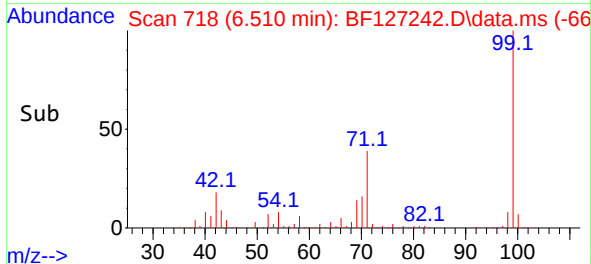
Instrument :
BNA_F
ClientSampleId :
DUM-27



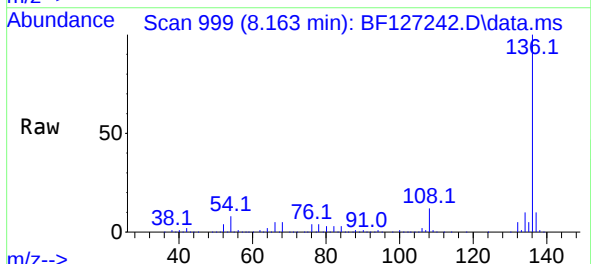
Tgt Ion: 99 Resp: 863040
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 39.1 24.3 36.5

Manual Integrations
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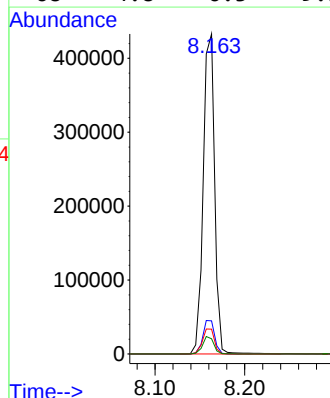
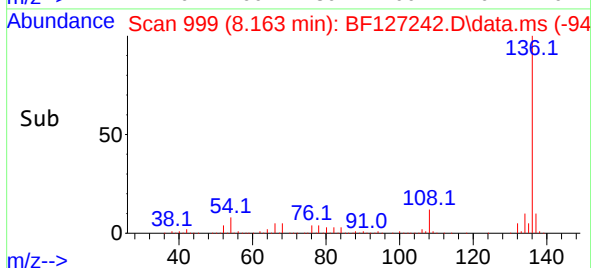
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49



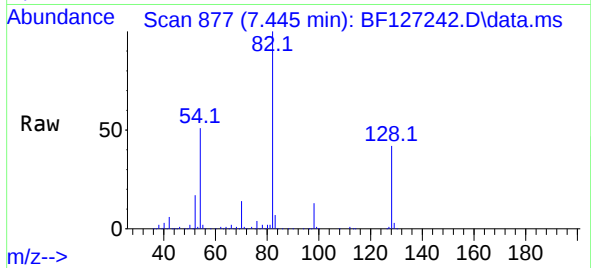
Tgt Ion:136 Resp: 382192
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.8 7.8 11.6#
68 4.8 6.3 9.5#





#23
Nitrobenzene-d5
Concen: 70.496 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

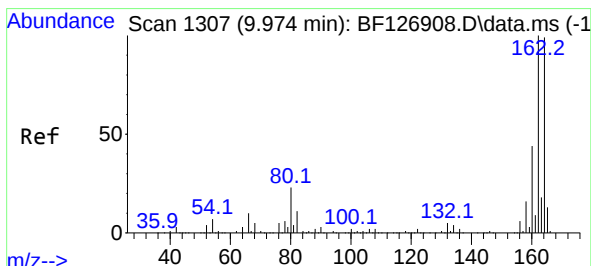
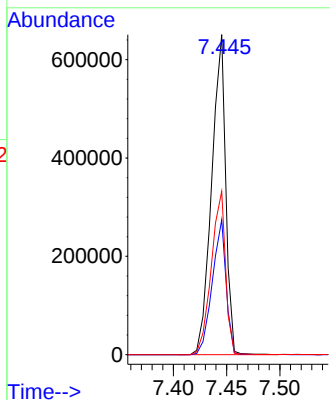
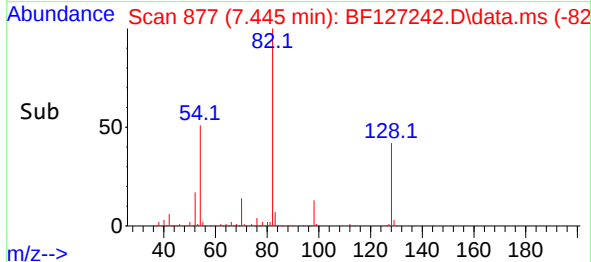
Instrument :
BNA_F
ClientSampleId :
DUM-27



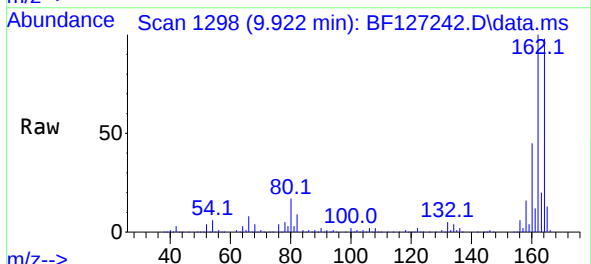
Tgt Ion: 82 Resp: 596912
Ion Ratio Lower Upper
82 100
128 42.1 32.7 49.1
54 51.1 41.7 62.5

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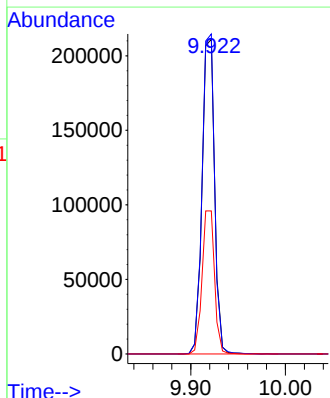
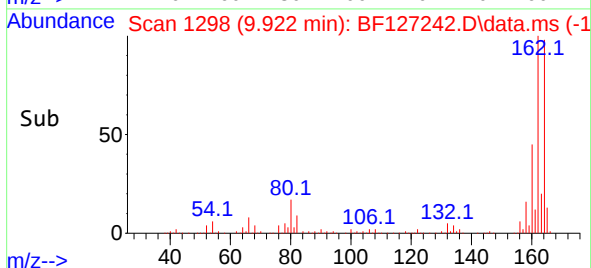
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49



Tgt Ion:164 Resp: 192946
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.5 36.6 54.8





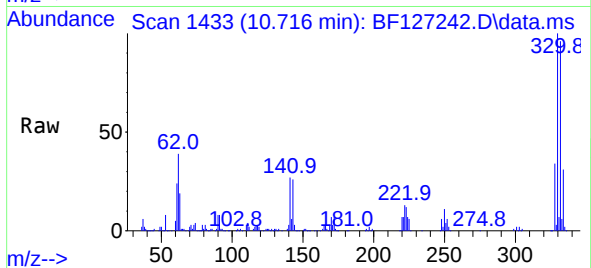
#42
2,4,6-Tribromophenol
Concen: 117.865 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

Instrument :

BNA_F

ClientSampleId :

DUM-27

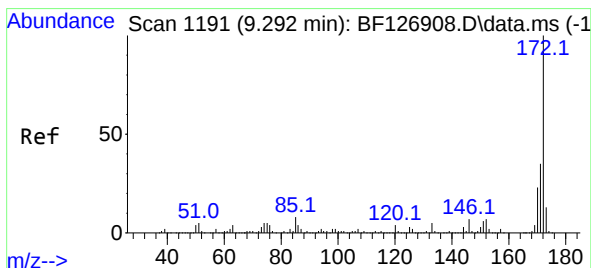
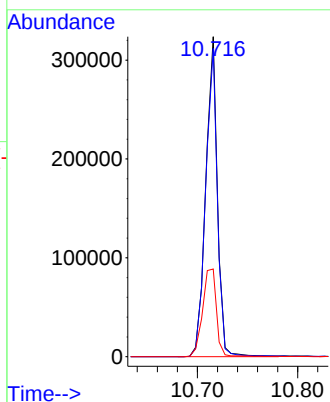
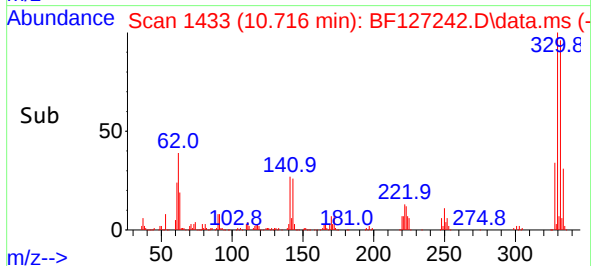


Tgt Ion:330 Resp: 261838
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 32.9 30.1 45.1

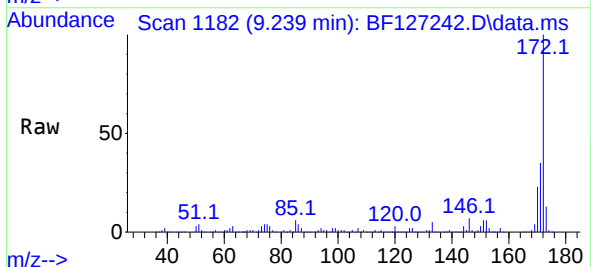
Manual Integrations

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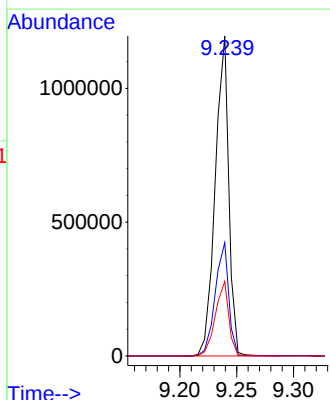
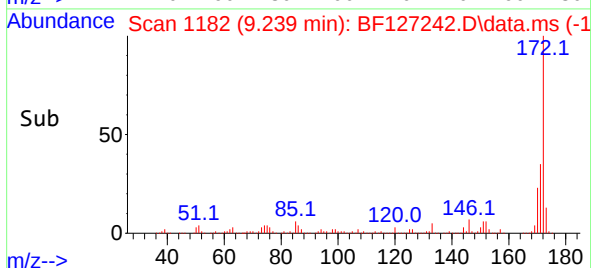
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#45
2-Fluorobiphenyl
Concen: 75.722 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49



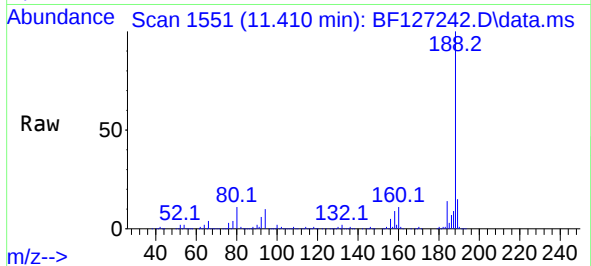
Tgt Ion:172 Resp: 992445
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.3 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

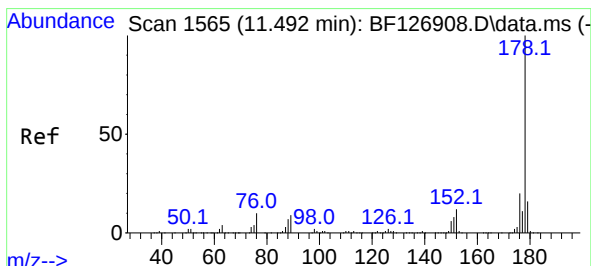
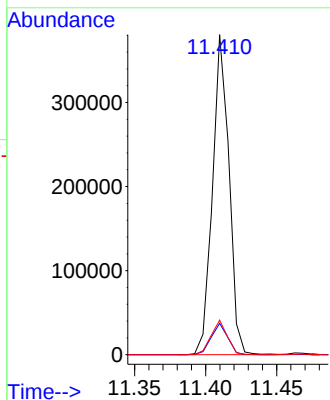
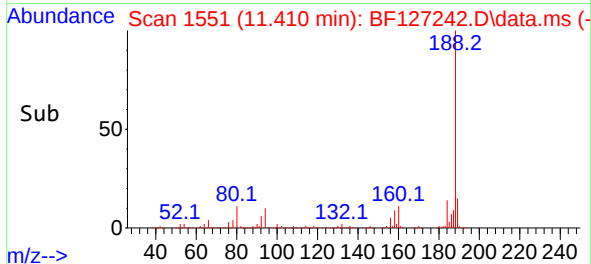
Instrument :
BNA_F
ClientSampleId :
DUM-27



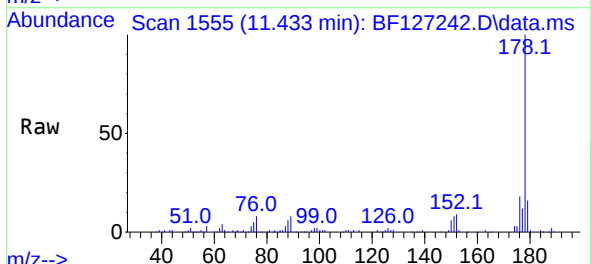
Tgt Ion:188 Resp: 307389
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1
80 10.8 11.8 17.6

Manual Integrations
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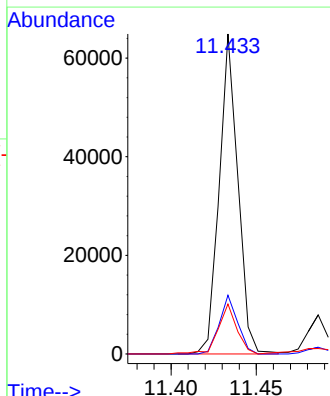
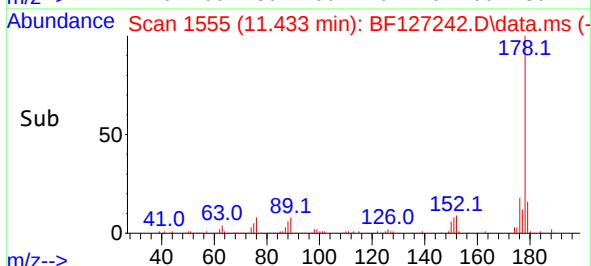
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

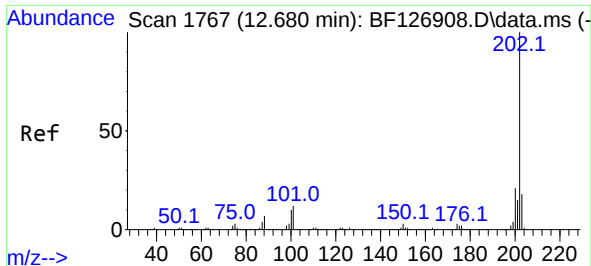


#71
Phenanthrene
Concen: 2.878 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49



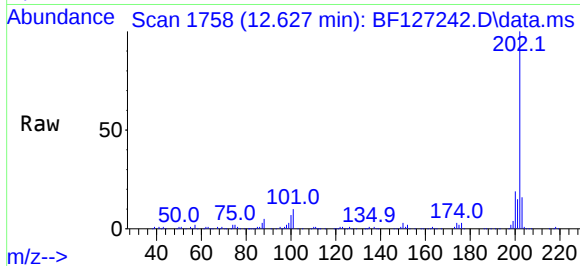
Tgt Ion:178 Resp: 49523
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.6 12.3 18.5





#75
Fluoranthene
Concen: 5.927 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

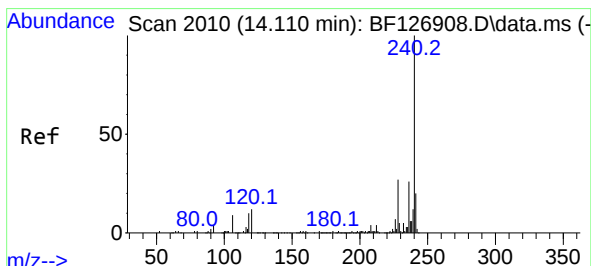
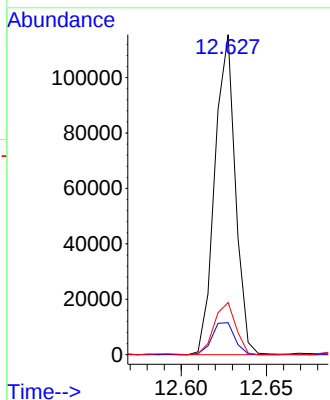
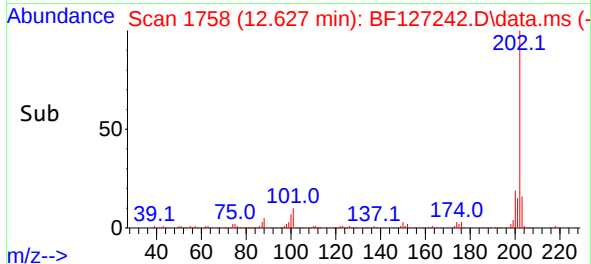
Instrument :
BNA_F
ClientSampleId :
DUM-27



Tgt Ion:202 Resp: 96824
Ion Ratio Lower Upper
202 100
101 10.0 0.0 35.7
203 16.3 0.0 37.1

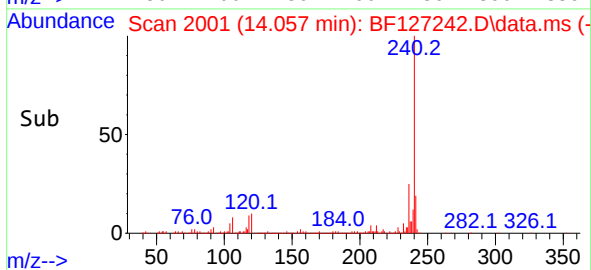
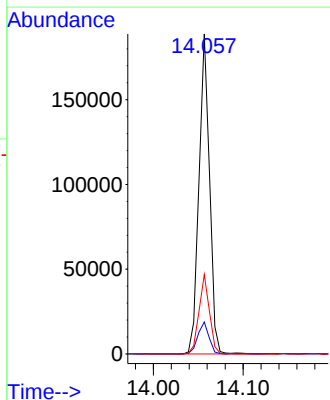
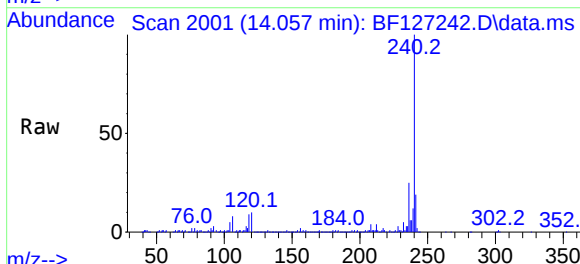
Manual Integrations
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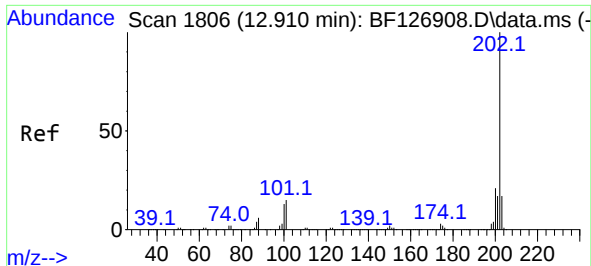
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

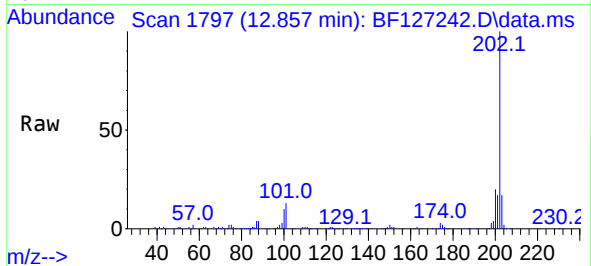
Tgt Ion:240 Resp: 154444
Ion Ratio Lower Upper
240 100
120 10.0 14.4 21.6#
236 24.9 20.5 30.7





#78
Pyrene
Concen: 5.691 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

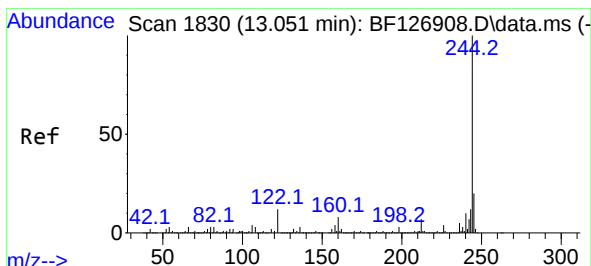
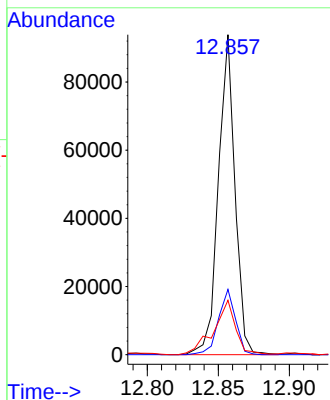
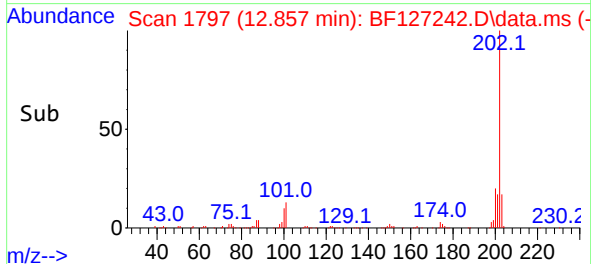
Instrument :
BNA_F
ClientSampleId :
DUM-27



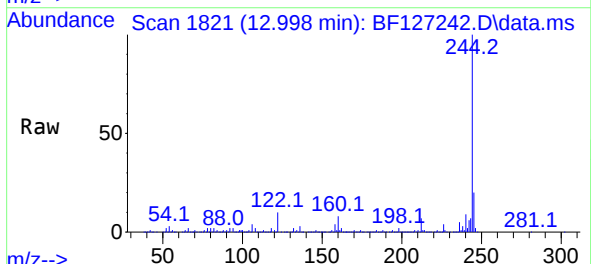
Tgt Ion:202 Resp: 76358
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.0 13.8 20.8

Manual Integrations
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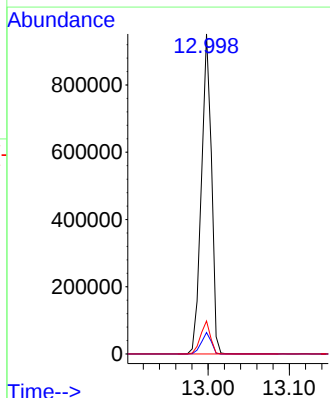
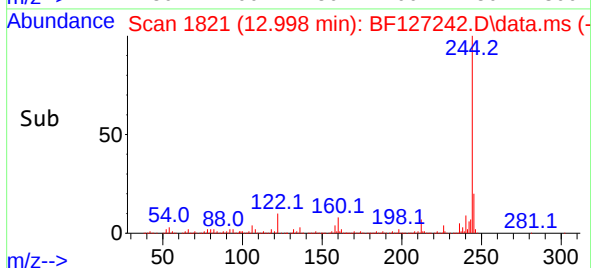
Reviewed By :Christian Giraldo 03/08/2022
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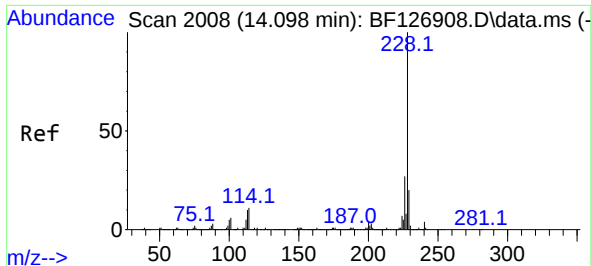


#79
Terphenyl-d14
Concen: 77.962 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49



Tgt Ion:244 Resp: 819080
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 10.3 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 3.002 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127242.D

Acq: 08 Mar 2022 01:49

Instrument :

BNA_F

ClientSampleId :

DUM-27

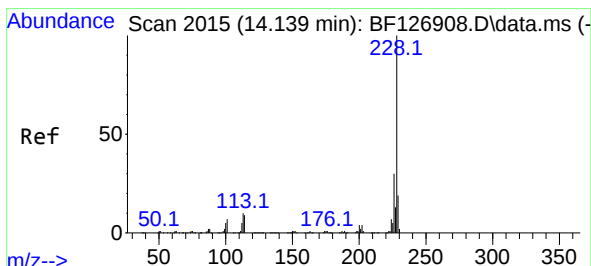
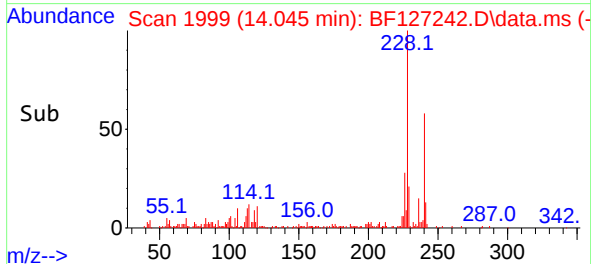
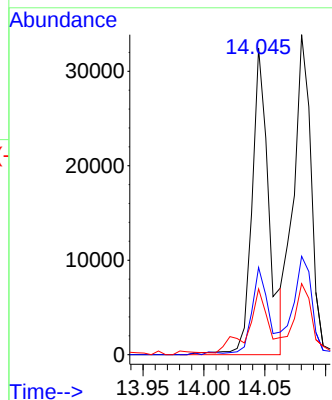
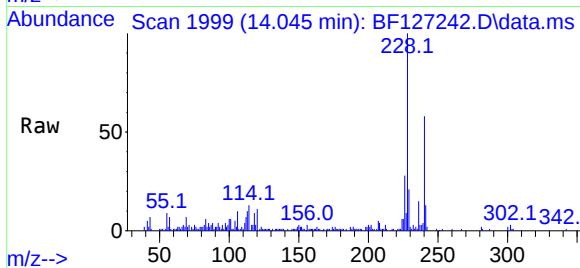
Tgt Ion:	228	Resp:	31250
Ion Ratio	Lower	Upper	
228	100		
226	28.5	21.4	32.0
229	21.5	15.4	23.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022



#83

Chrysene

Concen: 3.543 ng

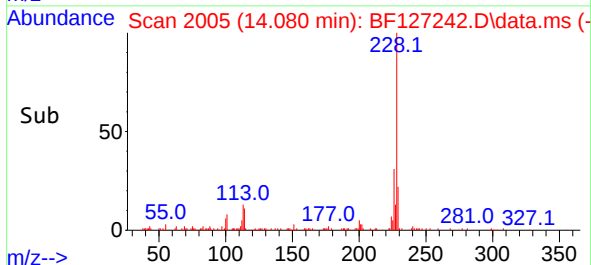
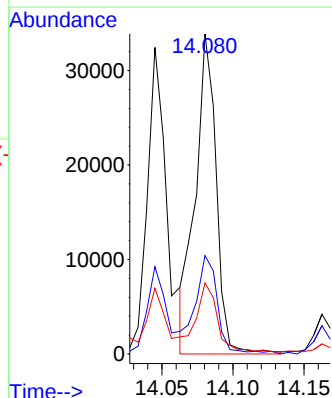
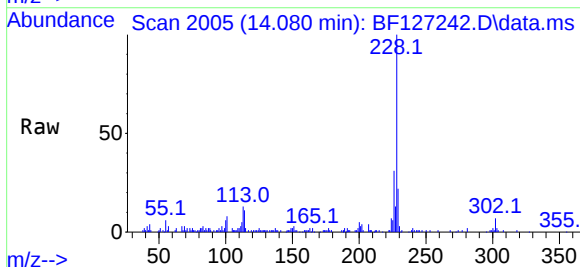
RT: 14.080 min Scan# 2005

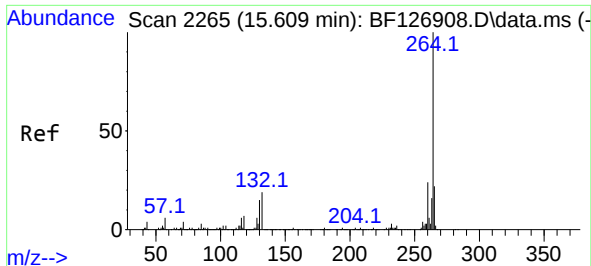
Delta R.T. -0.006 min

Lab File: BF127242.D

Acq: 08 Mar 2022 01:49

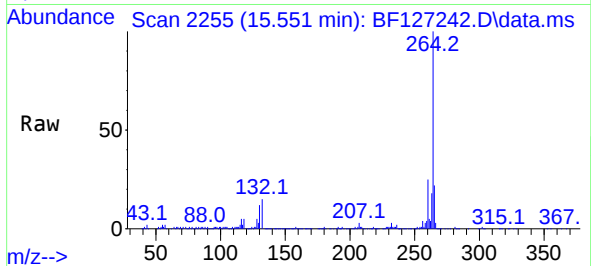
Tgt Ion:	228	Resp:	34695
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.7	35.5
229	22.2	15.5	23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 210
Delta R.T. 0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

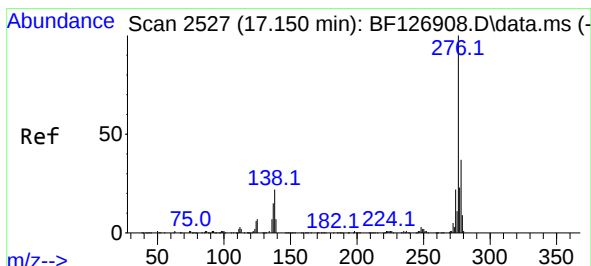
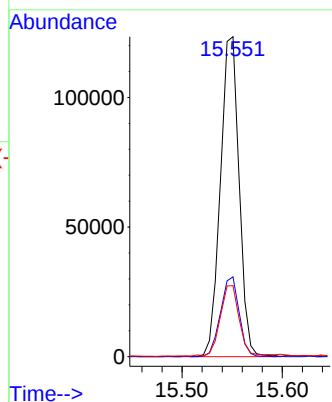
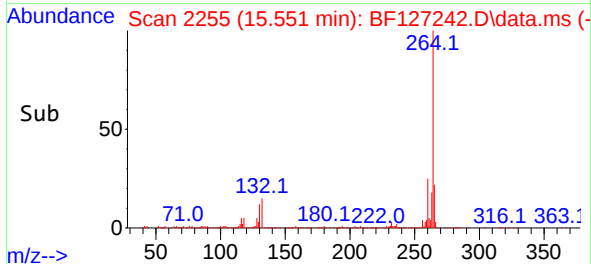
Instrument :
BNA_F
ClientSampleId :
DUM-27



Tgt Ion:264 Resp: 160138
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 22.2 17.4 26.2

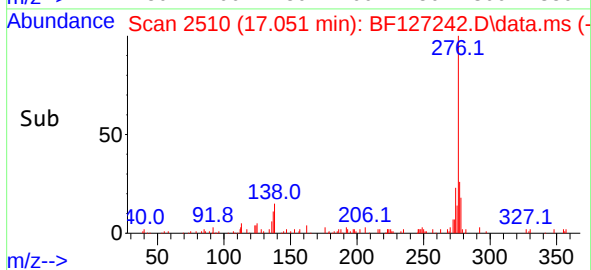
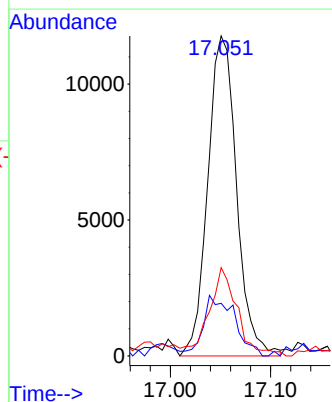
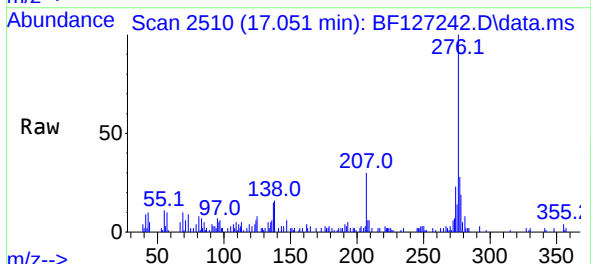
Manual Integrations
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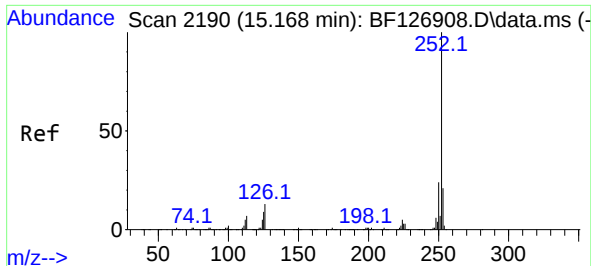
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.242 ng
RT: 17.051 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

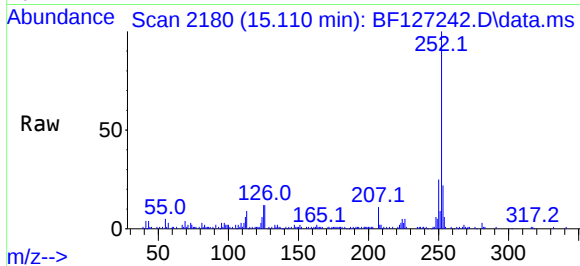
Tgt Ion:276 Resp: 23540
Ion Ratio Lower Upper
276 100
138 20.5 29.2 43.8#
277 26.6 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 5.026 ng m
RT: 15.110 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49

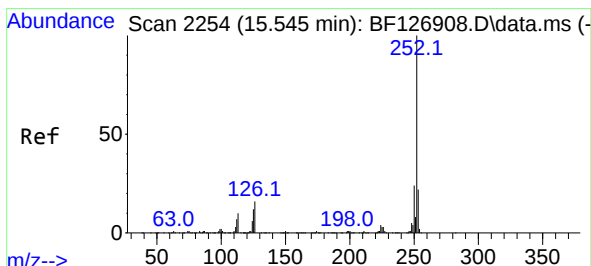
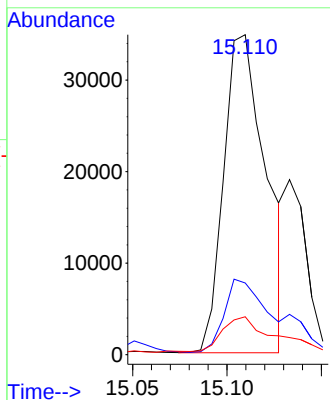
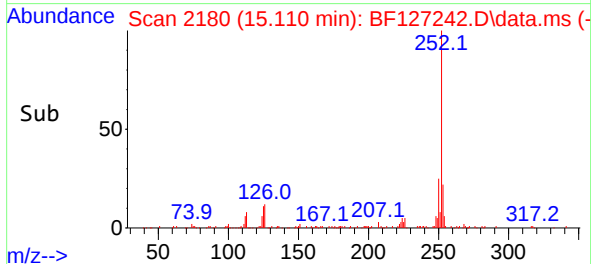
Instrument :
BNA_F
ClientSampleId :
DUM-27



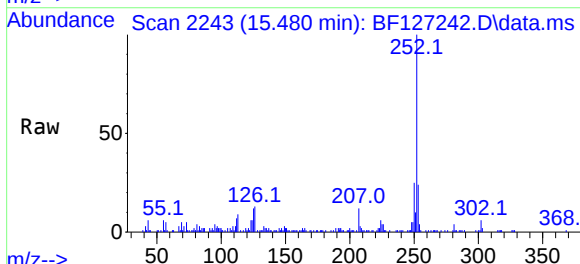
Tgt Ion:252 Resp: 5405
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.8 12.4 18.6

Manual Integrations
APPROVED

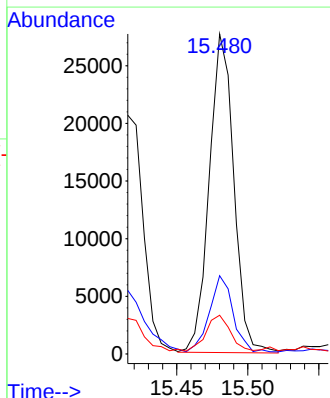
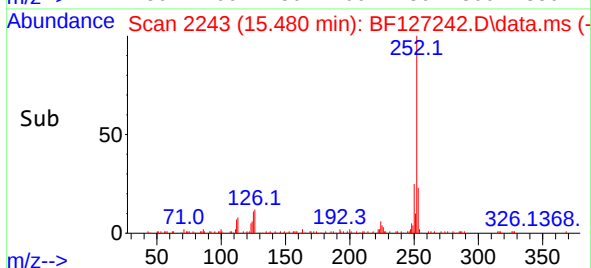
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

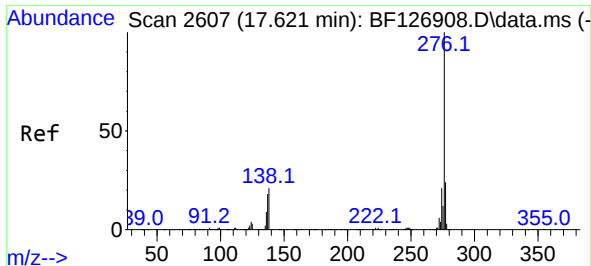


#90
Benzo(a)pyrene
Concen: 3.951 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF127242.D
Acq: 08 Mar 2022 01:49



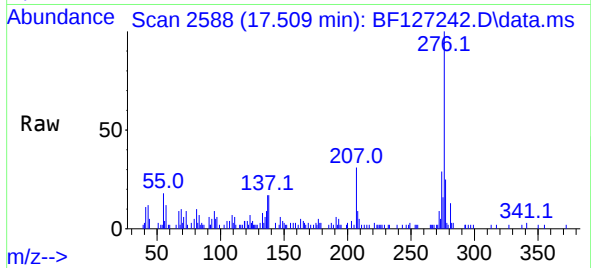
Tgt Ion:252 Resp: 33194
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 12.1 13.0 19.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.467 ng
 RT: 17.509 min Scan# 21124
 Delta R.T. -0.012 min
 Lab File: BF127242.D
 Acq: 08 Mar 2022 01:49

Instrument :
 BNA_F
 ClientSampleId :
 DUM-27



Tgt Ion: 276 Resp: 21124

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.5	27.7
138	17.2	25.9	38.9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

