

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127238.D
 Acq On : 07 Mar 2022 23:52
 Operator : CG\JU
 Sample : N1790-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-18

Quant Time: Mar 08 00:38:57 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	96639	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	397779	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	202816	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	346486	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	170646	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	178323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	483515	77.330	ng	0.00
7) Phenol-d6	6.510	99	638520	75.681	ng	0.00
23) Nitrobenzene-d5	7.440	82	446578	50.675	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	189537	81.167	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	726718	52.749	ng	0.00
79) Terphenyl-d14	12.998	244	655292	56.450	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	112082	5.779	ng	97
75) Fluoranthene	12.627	202	199673	10.843	ng	95
78) Pyrene	12.857	202	159417	10.753	ng	98
81) Benzo(a)anthracene	14.045	228	61091	5.310	ng	96
83) Chrysene	14.080	228	63035	5.827	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	43715	3.739	ng	# 83
88) Benzo(b)fluoranthene	15.110	252	89937m	7.509	ng	
89) Benzo(k)fluoranthene	15.133	252	25359m	2.195	ng	
90) Benzo(a)pyrene	15.480	252	55533m	5.936	ng	
92) Benzo(g,h,i)perylene	17.509	276	43011m	4.511	ng	

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

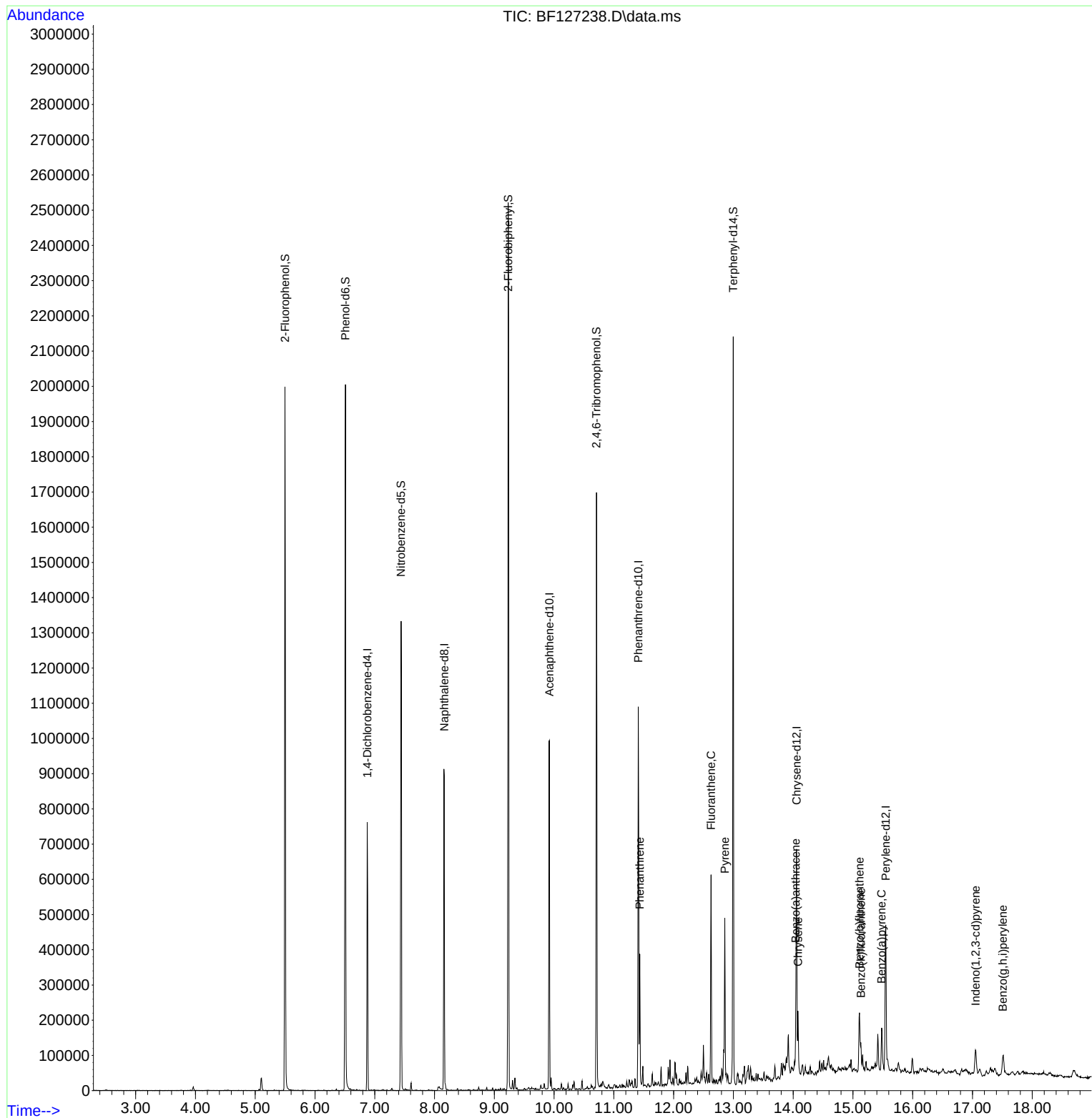
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127238.D
Acq On : 07 Mar 2022 23:52
Operator : CG\JU
Sample : N1790-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

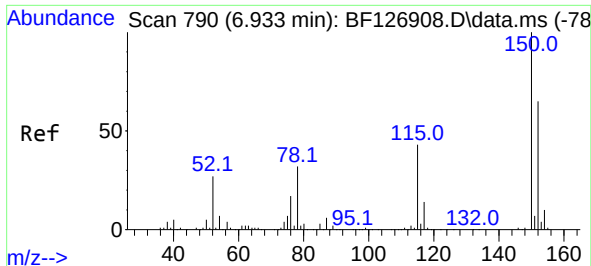
Instrument :
BNA_F
ClientSampleId :
DUM-18

Quant Time: Mar 08 00:38:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

Instrument :

BNA_F

ClientSampleId :

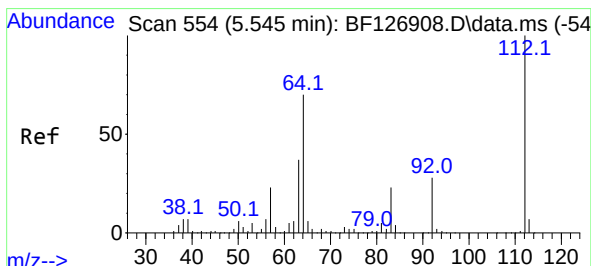
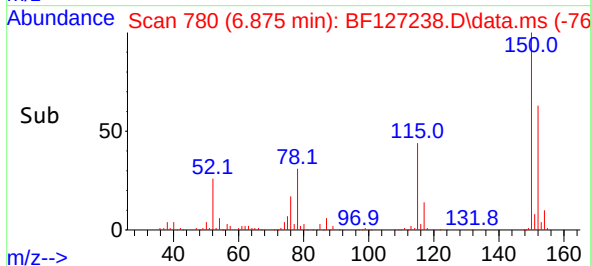
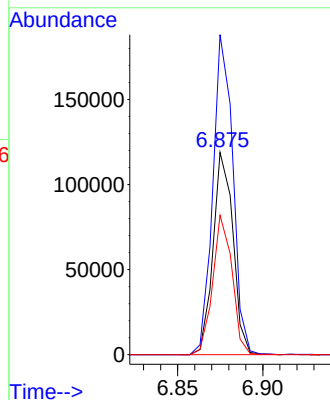
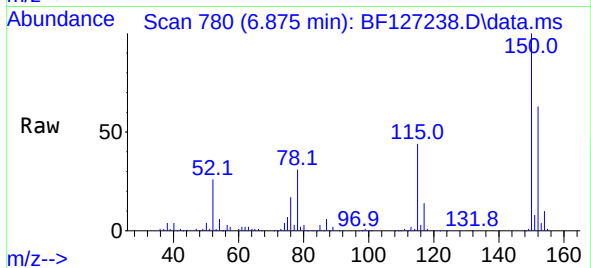
DUM-18

Tgt Ion:152 Resp: 96639
Ion Ratio Lower Upper
152 100
150 158.2 128.1 192.1
115 68.9 56.7 85.1

Manual Integrations

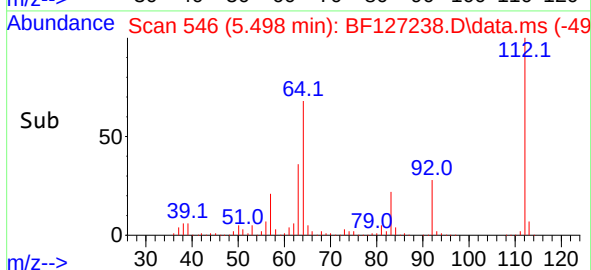
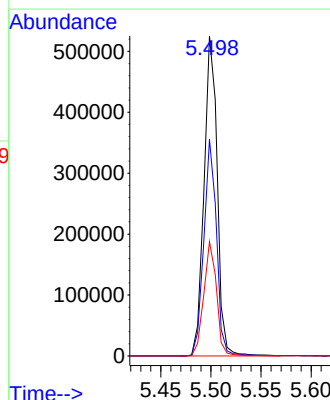
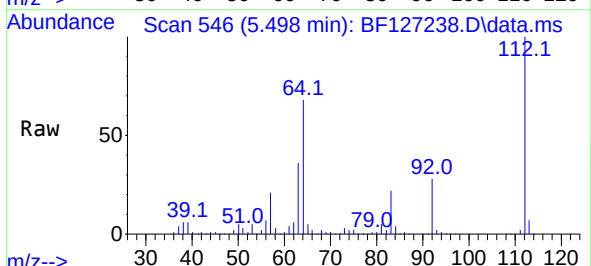
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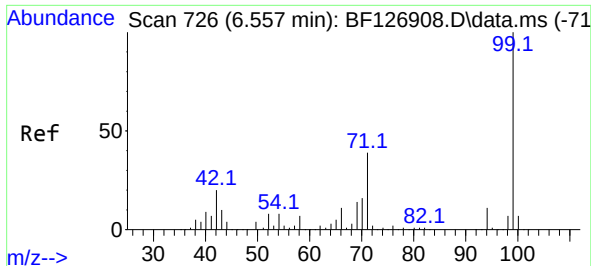
Reviewed By :Christian Giraldo 03/08/2022
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#5
2-Fluorophenol
Concen: 77.330 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

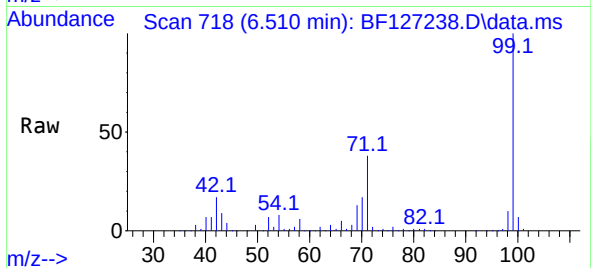
Tgt Ion:112 Resp: 483515
Ion Ratio Lower Upper
112 100
64 67.7 49.5 74.3
63 35.7 23.9 35.9





#7
Phenol-d6
Concen: 75.681 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

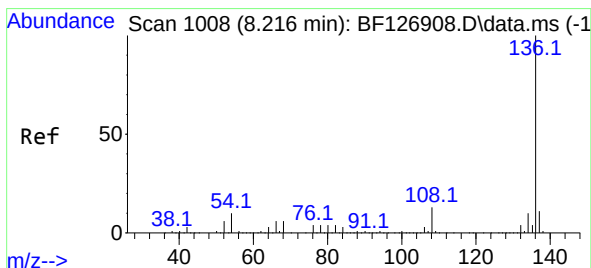
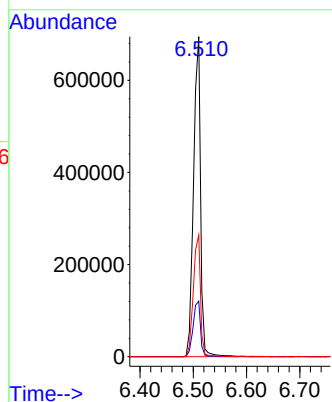
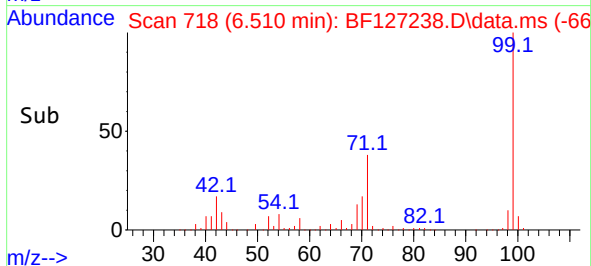
Instrument :
BNA_F
ClientSampleId :
DUM-18



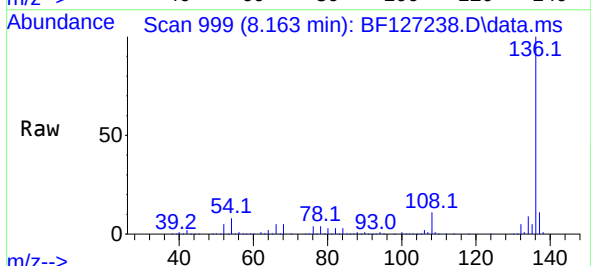
Tgt Ion: 99 Resp: 638520
Ion Ratio Lower Upper
99 100
42 17.3 14.2 21.4
71 38.0 24.3 36.5

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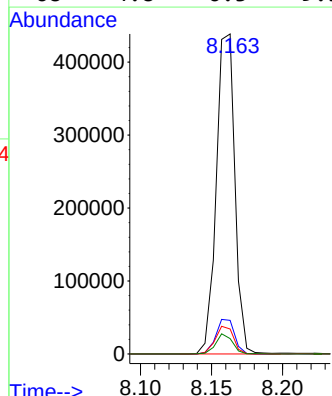
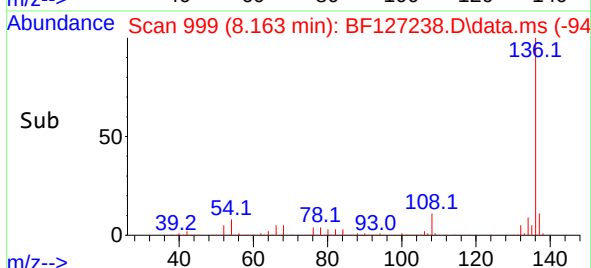
Reviewed By :Christian Giraldo 03/08/2022
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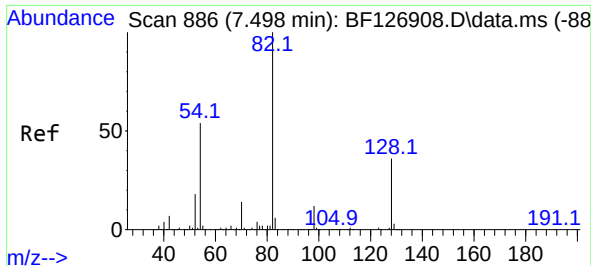


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52



Tgt Ion:136 Resp: 397779
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.8 7.8 11.6
68 4.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 50.675 ng

RT: 7.440 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127238.D

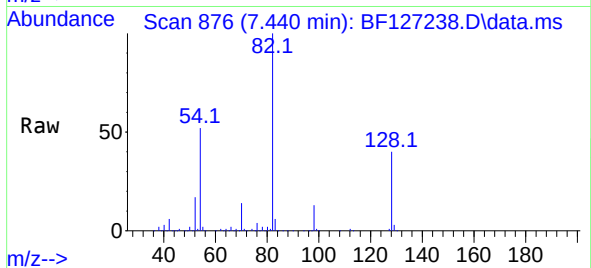
Acq: 07 Mar 2022 23:52

Instrument :

BNA_F

ClientSampleId :

DUM-18



Tgt Ion: 82 Resp: 446578

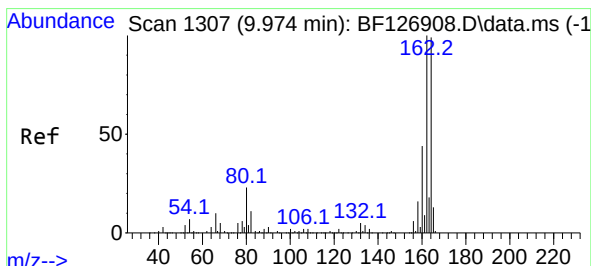
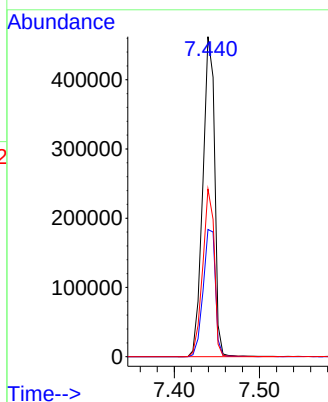
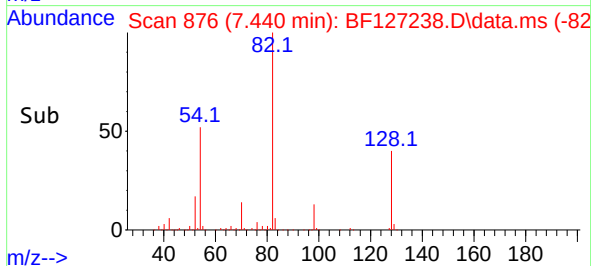
Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.7	49.1
54	52.4	41.7	62.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

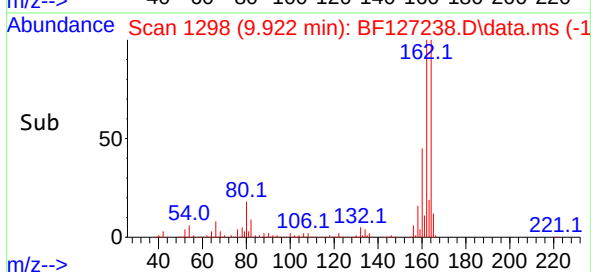
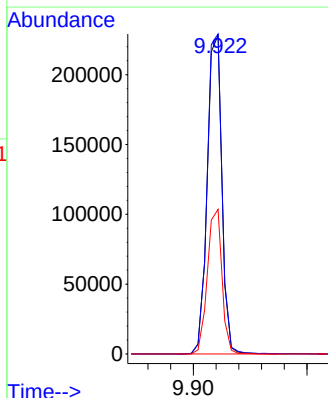
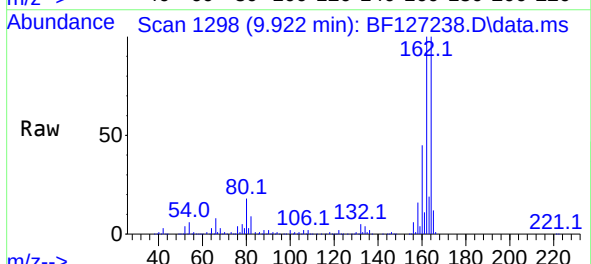
Delta R.T. -0.000 min

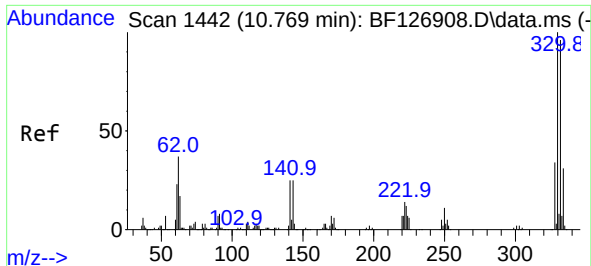
Lab File: BF127238.D

Acq: 07 Mar 2022 23:52

Tgt Ion:164 Resp: 202816

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	45.4	36.6	54.8





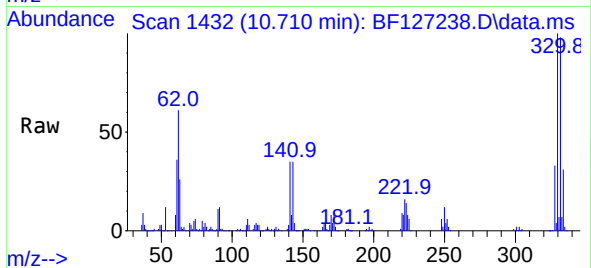
#42
2,4,6-Tribromophenol
Concen: 81.167 ng
RT: 10.710 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

Instrument :

BNA_F

ClientSampleId :

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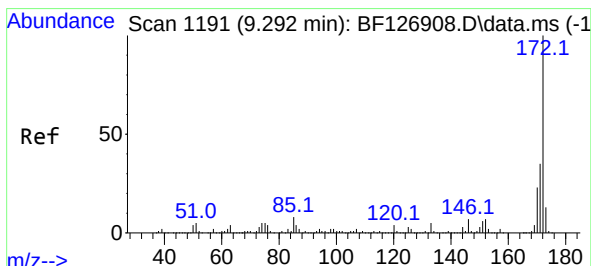
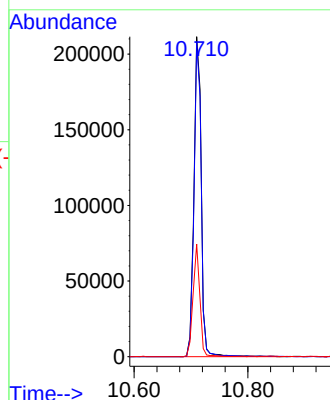
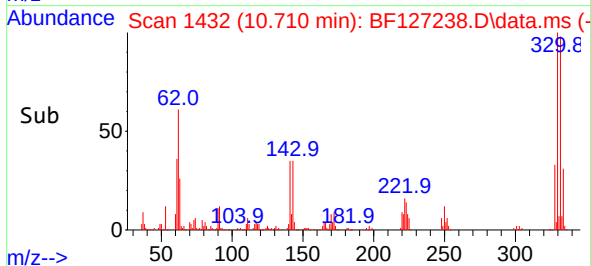


Tgt Ion:330 Resp: 18953
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 32.9 30.1 45.1

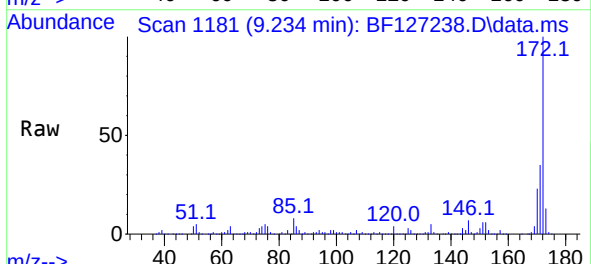
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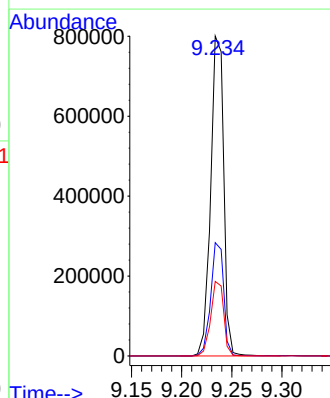
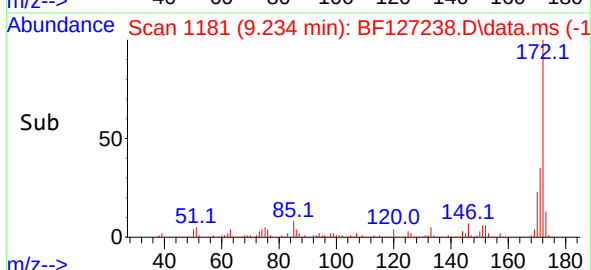
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

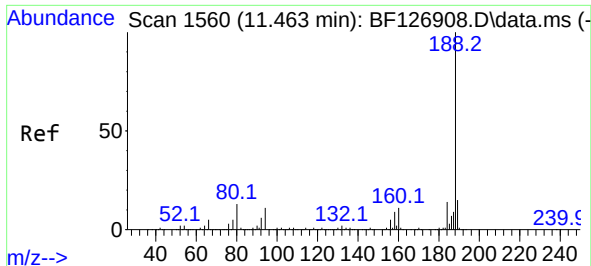


#45
2-Fluorobiphenyl
Concen: 52.749 ng
RT: 9.234 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52



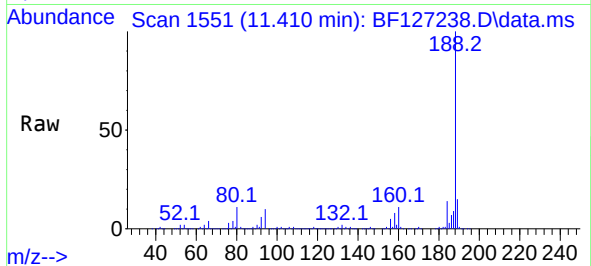
Tgt Ion:172 Resp: 726718
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.3 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

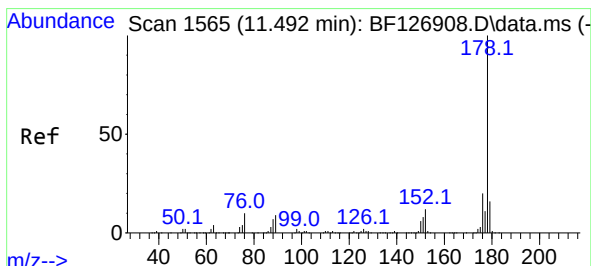
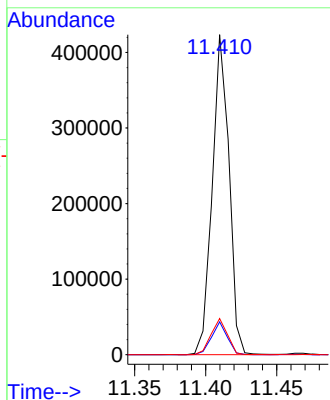
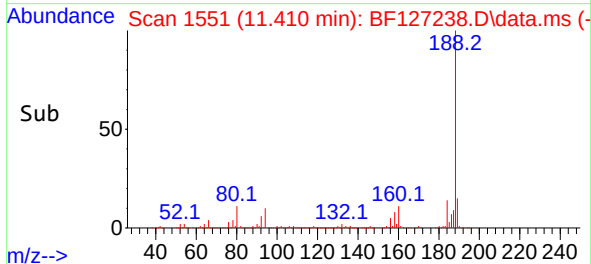
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BNA_F
ClientSampleId :
DUM-18



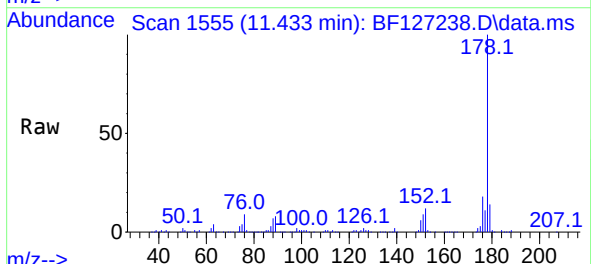
Tgt Ion:188 Resp: 346480
Ion Ratio Lower Upper
188 100
94 10.3 10.1 15.1
80 11.3 11.8 17.6

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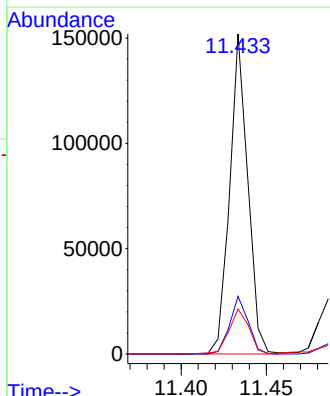
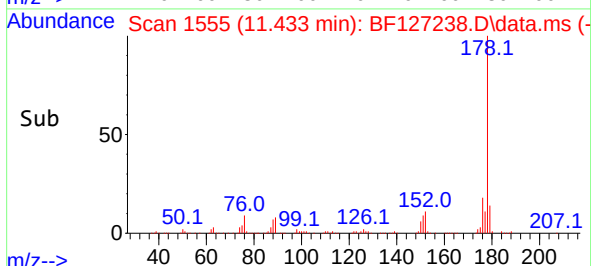
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

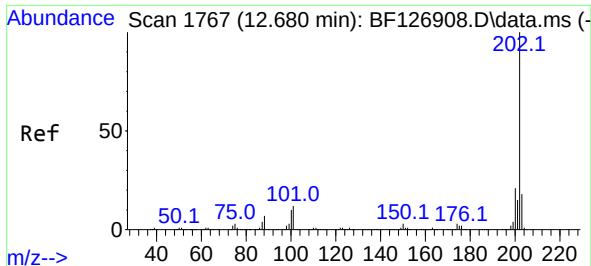


#71
Phenanthrene
Concen: 5.779 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52



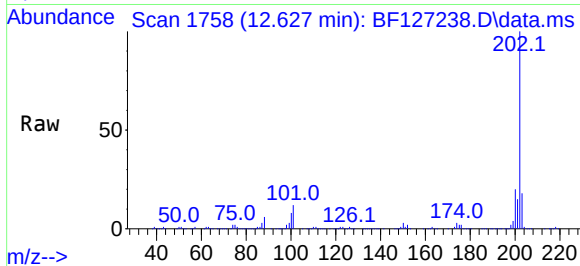
Tgt Ion:178 Resp: 112082
Ion Ratio Lower Upper
178 100
176 18.0 15.7 23.5
179 14.0 12.3 18.5





#75
Fluoranthene
Concen: 10.843 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

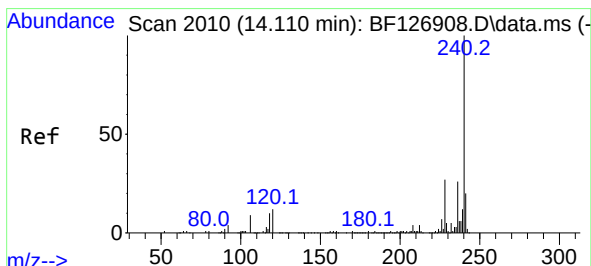
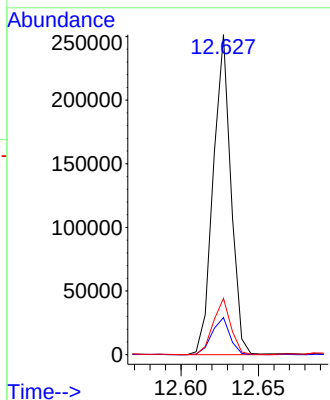
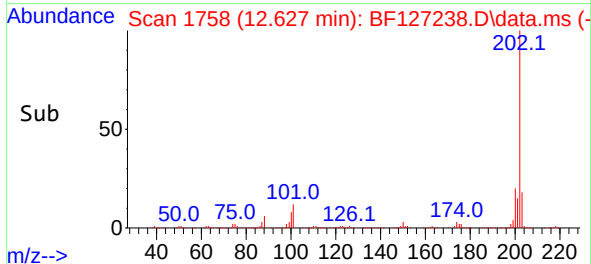
Instrument :
BNA_F
ClientSampleId :
DUM-18



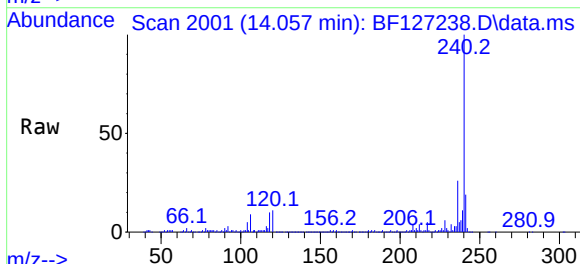
Tgt Ion: 202 Resp: 19967
Ion Ratio Lower Upper
202 100
101 11.6 0.0 35.7
203 17.6 0.0 37.1

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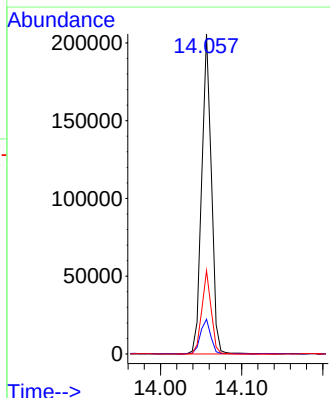
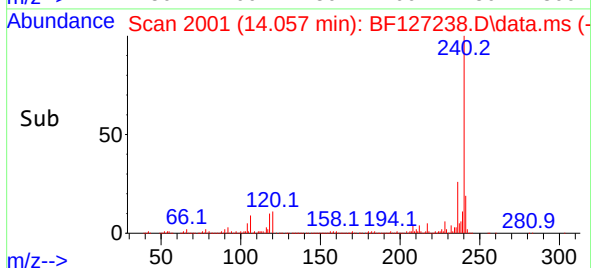
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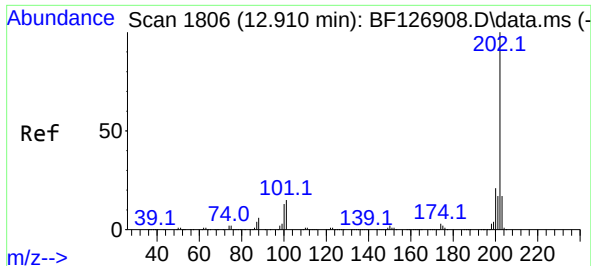


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52



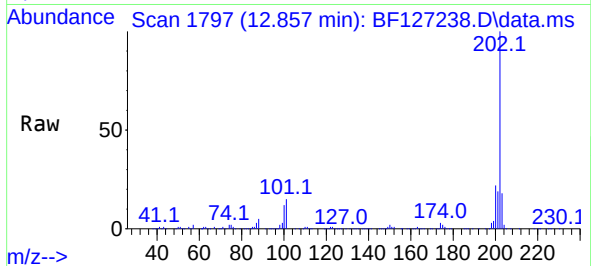
Tgt Ion: 240 Resp: 170646
Ion Ratio Lower Upper
240 100
120 10.9 14.4 21.6#
236 26.0 20.5 30.7





#78
Pyrene
Concen: 10.753 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

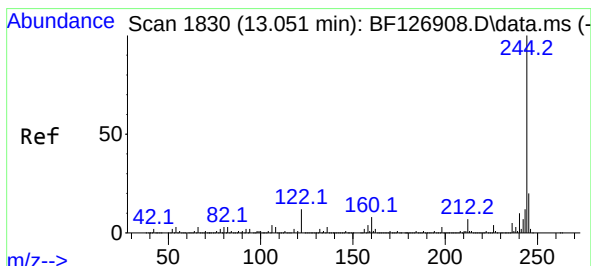
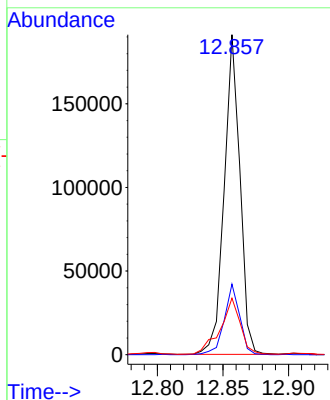
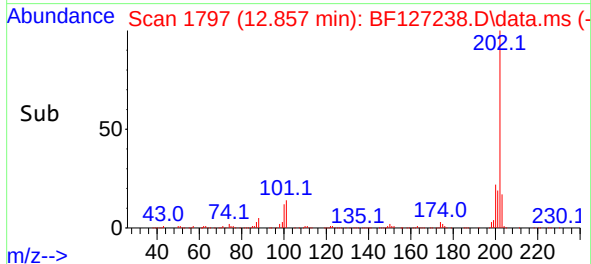
Instrument :
BNA_F
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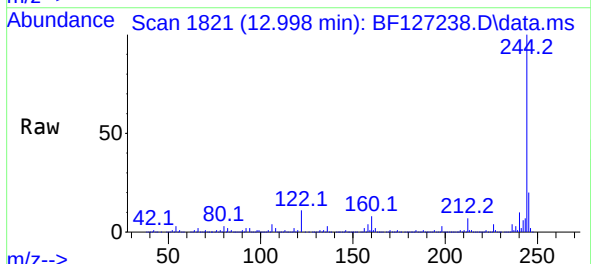
Tgt Ion:202 Resp: 15941
Ion Ratio Lower Upper
202 100
200 22.0 16.6 24.8
203 17.6 13.8 20.8

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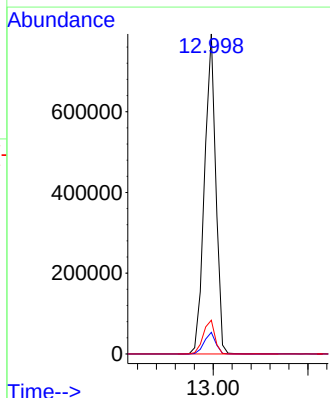
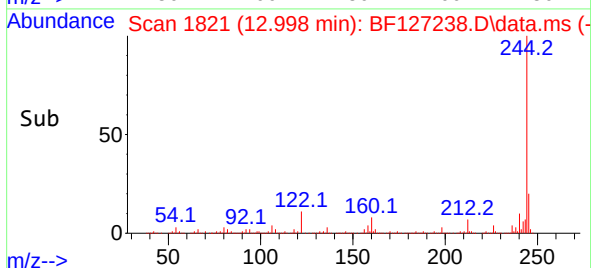
Reviewed By :Christian Giraldo 03/08/2022
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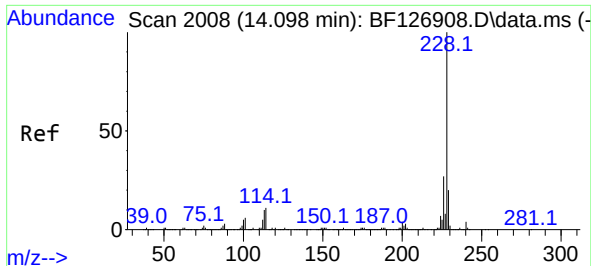


#79
Terphenyl-d14
Concen: 56.450 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52



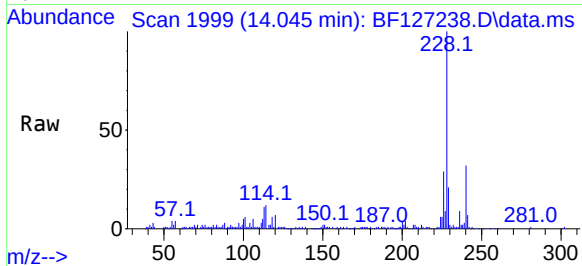
Tgt Ion:244 Resp: 655292
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.5 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 5.310 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

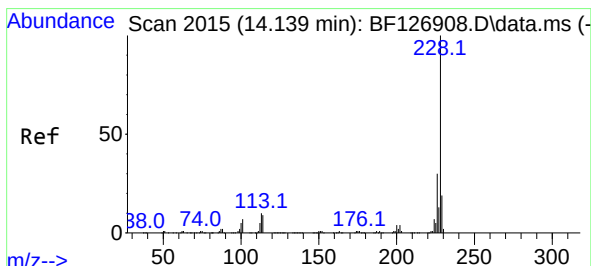
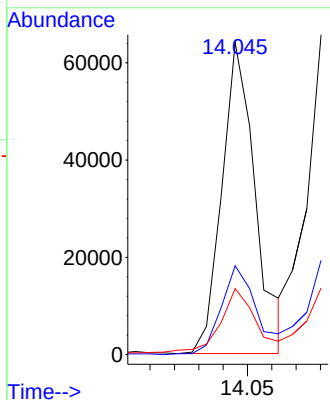
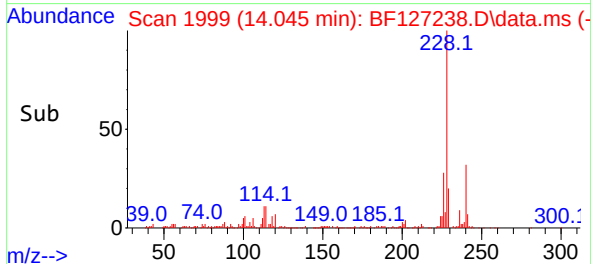
Instrument :
BNA_F
ClientSampleId :
DUM-18



Tgt Ion:228 Resp: 61091
Ion Ratio Lower Upper
228 100
226 28.5 21.4 32.0
229 21.2 15.4 23.2

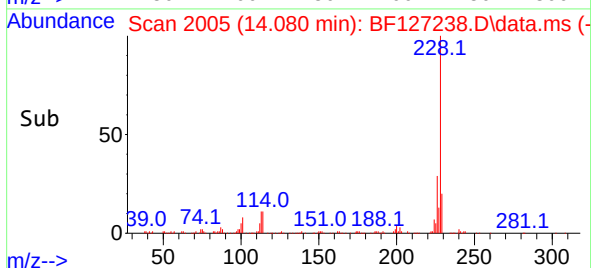
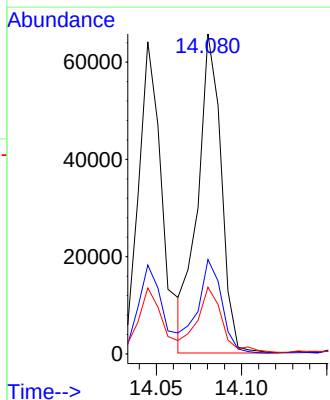
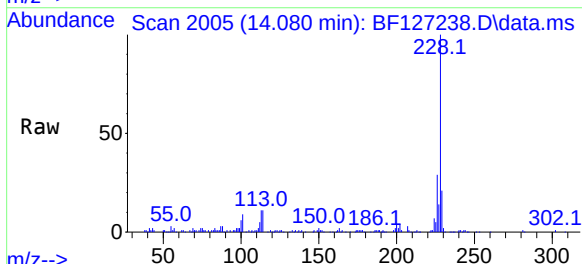
Manual Integrations
APPROVED

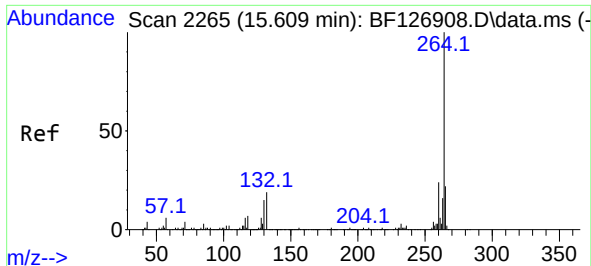
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#83
Chrysene
Concen: 5.827 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

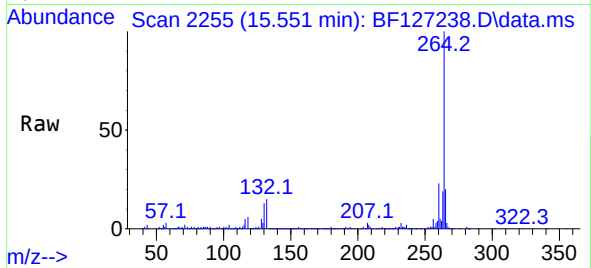
Tgt Ion:228 Resp: 63035
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 20.8 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

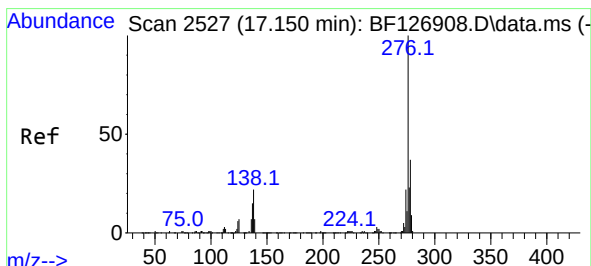
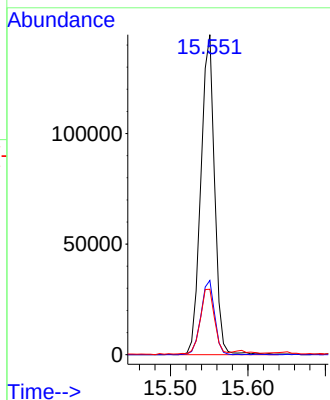
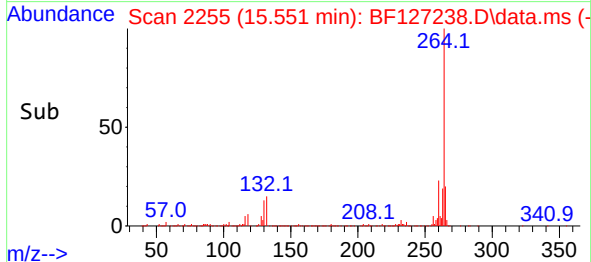
Instrument :
BNA_F
ClientSampleId :
DUM-18



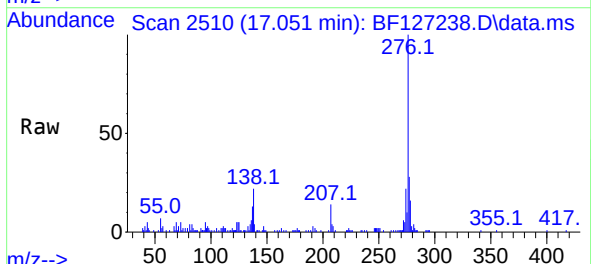
Tgt Ion:264 Resp: 17832
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 20.4 17.4 26.2

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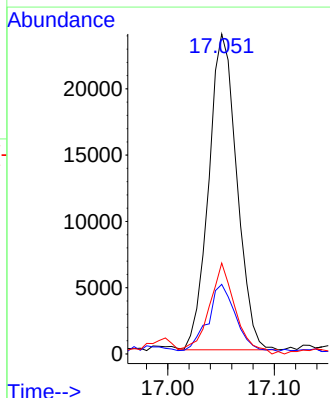
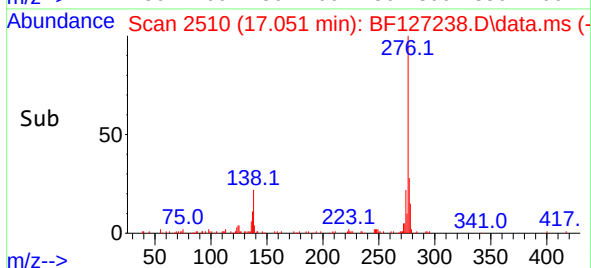
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

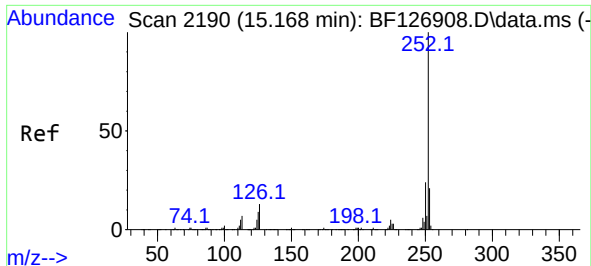


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.739 ng
RT: 17.051 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52



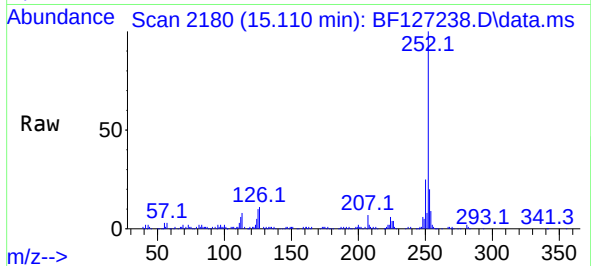
Tgt Ion:276 Resp: 43715
Ion Ratio Lower Upper
276 100
138 21.9 29.2 43.8#
277 27.2 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 7.509 ng m
RT: 15.110 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

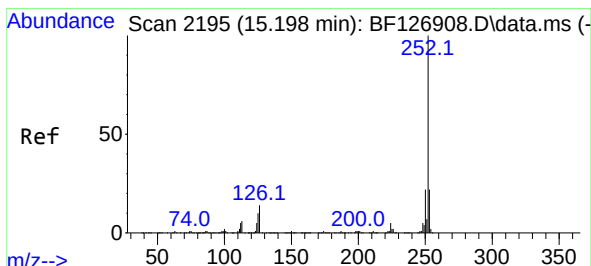
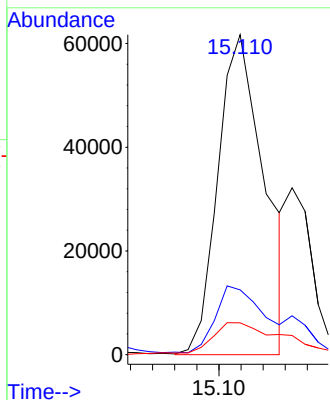
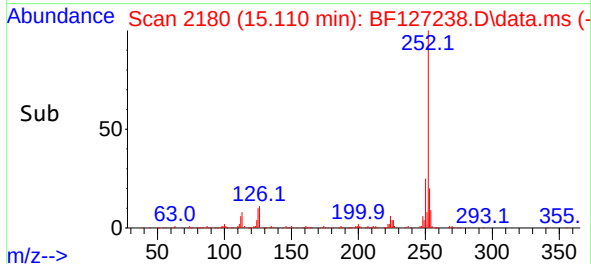
Instrument :
BNA_F
ClientSampleId :
DUM-18



Tgt Ion:252 Resp: 8993
Ion Ratio Lower Upper
252 100
253 20.3 17.8 26.8
125 10.0 12.4 18.6

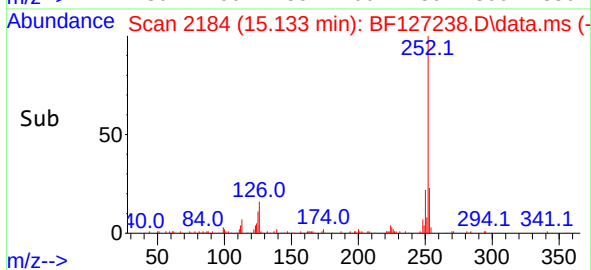
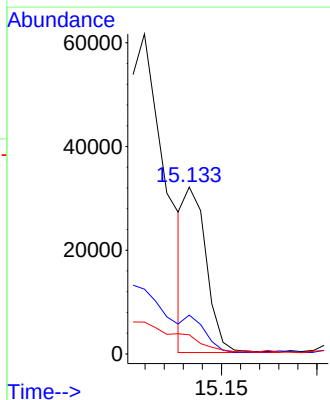
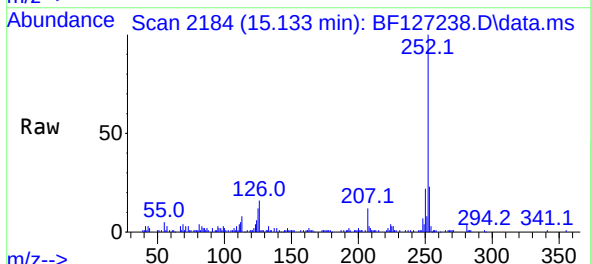
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APPROVED

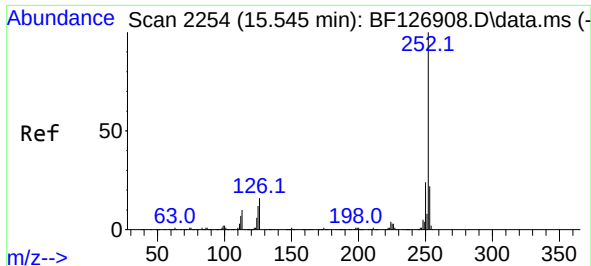
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#89
Benzo(k)fluoranthene
Concen: 2.195 ng m
RT: 15.133 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

Tgt Ion:252 Resp: 25359
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.5 11.8 17.6#





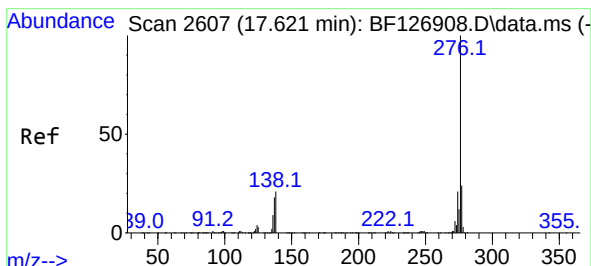
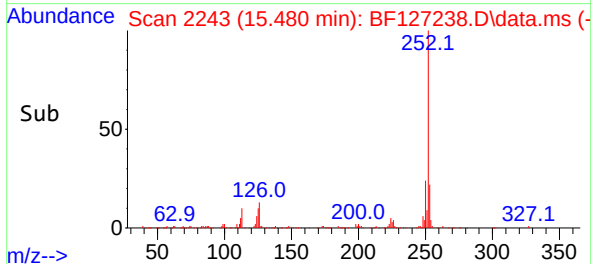
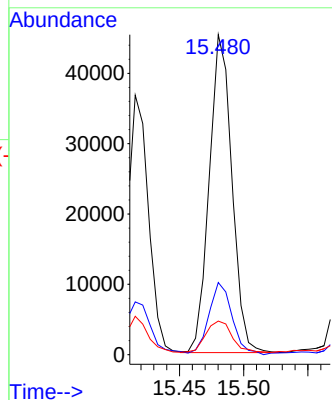
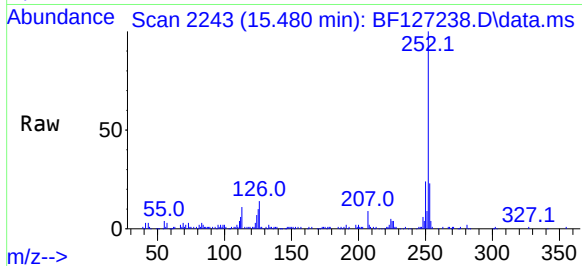
#90
Benzo(a)pyrene
Concen: 5.936 ng m
RT: 15.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

Instrument :
BNA_F
ClientSampleId :
DUM-18

Tgt Ion:252 Resp: 5553
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.5 13.0 19.6

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



#92
Benzo(g,h,i)perylene
Concen: 4.511 ng m
RT: 17.509 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF127238.D
Acq: 07 Mar 2022 23:52

Tgt Ion:276 Resp: 43011
Ion Ratio Lower Upper
276 100
277 25.8 18.5 27.7
138 19.4 25.9 38.9

