

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127243.D
 Acq On : 08 Mar 2022 02:18
 Operator : CG\JU
 Sample : N1790-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-20

Manual Integrations
 APPROVED

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

Quant Time: Mar 08 02:46:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	96039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	383862	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	187952	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	281528	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	155744	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	173990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	572947	92.205	ng	0.00
7) Phenol-d6	6.510	99	750380	89.495	ng	0.00
23) Nitrobenzene-d5	7.445	82	524821	61.712	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	198786	91.860	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	740069	57.967	ng	0.00
79) Terphenyl-d14	12.998	244	473056	44.651	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	21806	2.574	ng	86
71) Phenanthrene	11.433	178	48853	3.100	ng	99
75) Fluoranthene	12.627	202	106762	7.136	ng	94
78) Pyrene	12.857	202	89233	6.595	ng	98
81) Benzo(a)anthracene	14.045	228	54735m	5.213	ng	
83) Chrysene	14.080	228	60613	6.139	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	49463	4.336	ng	# 82
88) Benzo(b)fluoranthene	15.110	252	139470m	11.935	ng	
89) Benzo(k)fluoranthene	15.133	252	39122m	3.471	ng	
90) Benzo(a)pyrene	15.486	252	79888m	8.752	ng	
92) Benzo(g,h,i)perylene	17.515	276	43153	4.639	ng	# 87

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

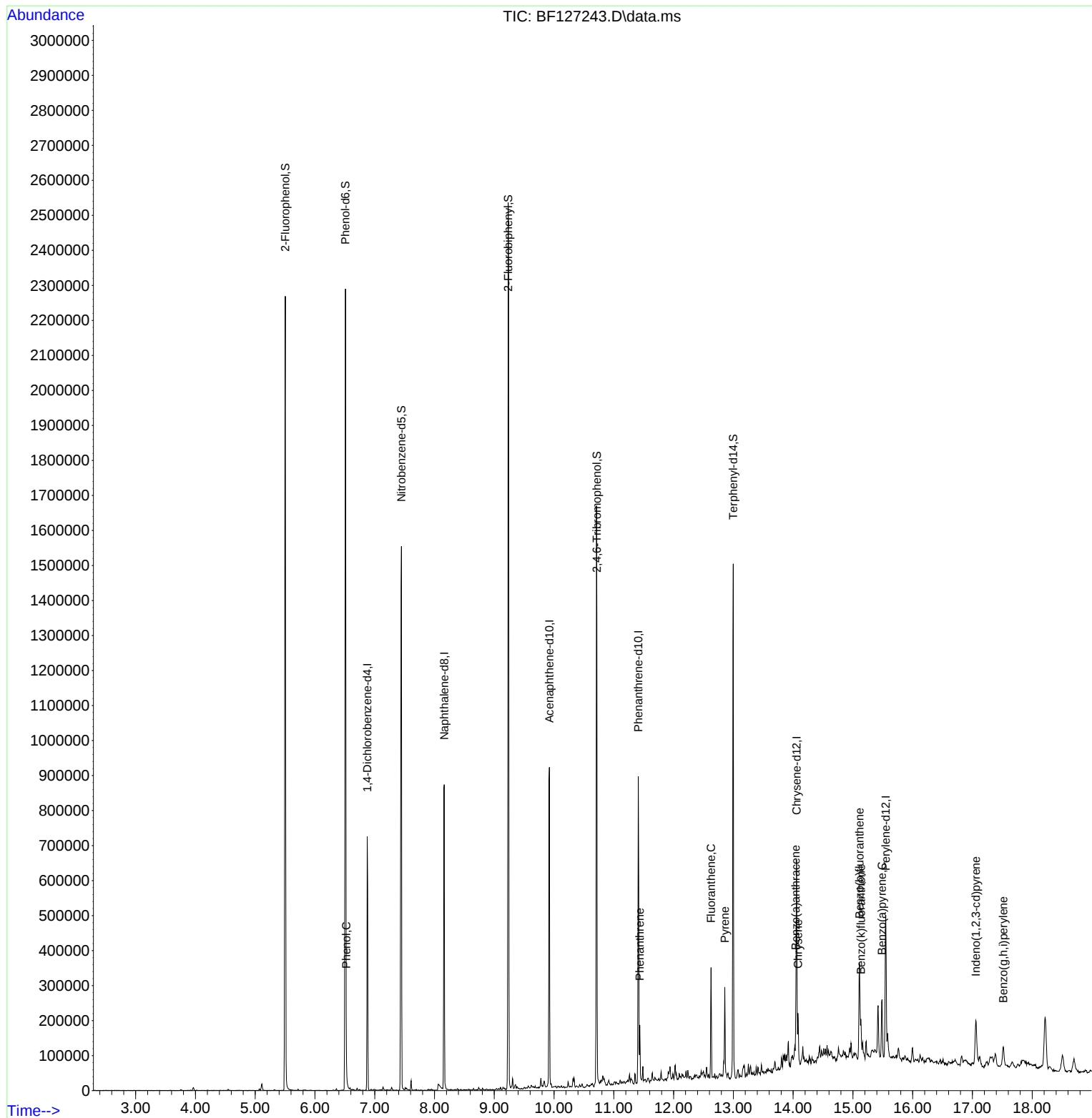
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127243.D
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Instrument :

BNA_F

ClientSampleId :

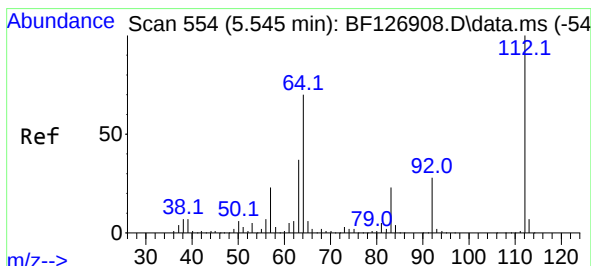
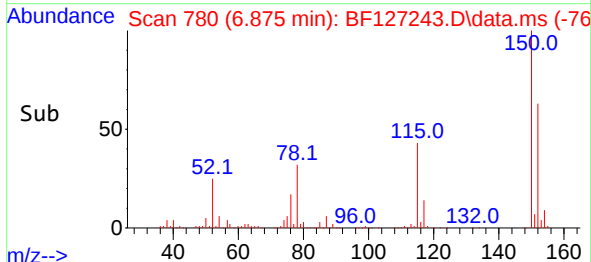
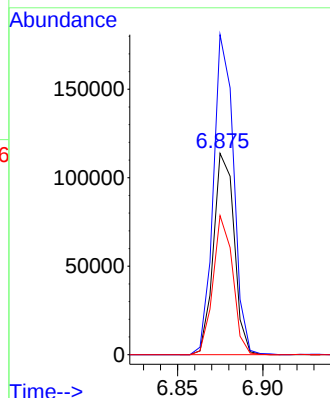
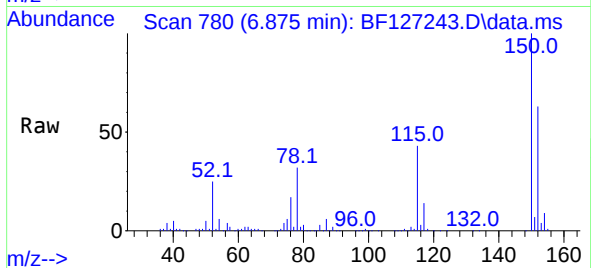
DUM-20

Tgt Ion:152 Resp: 96039
Ion Ratio Lower Upper
152 100
150 158.9 128.1 192.1
115 69.1 56.7 85.1

Manual Integrations

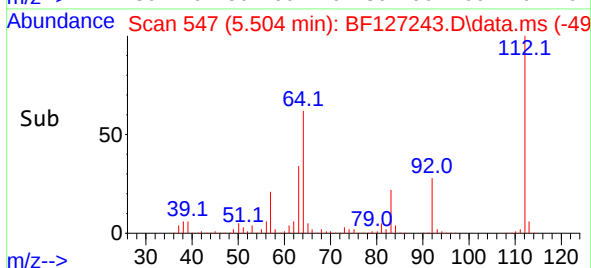
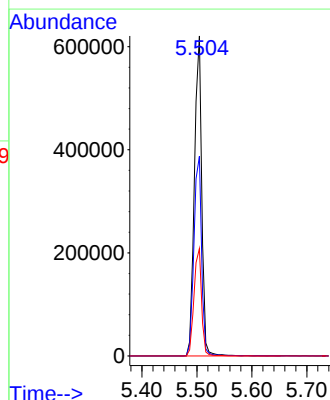
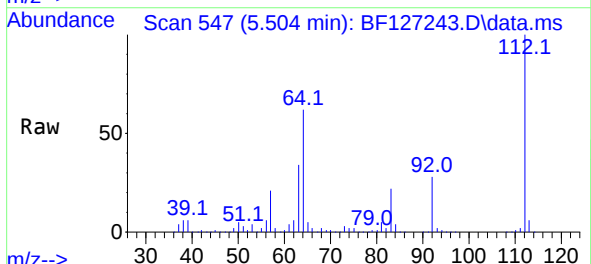
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Supervised By :Jagrut Upadhyay 03/08/2022



#5
2-Fluorophenol
Concen: 92.205 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion:112 Resp: 572947
Ion Ratio Lower Upper
112 100
64 62.4 49.5 74.3
63 33.5 23.9 35.9





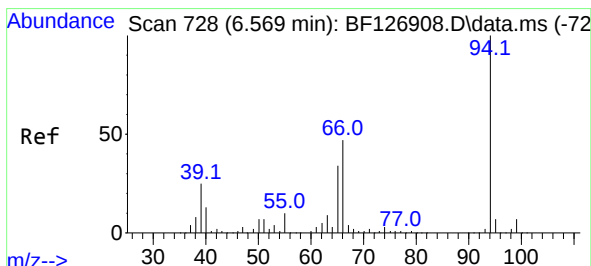
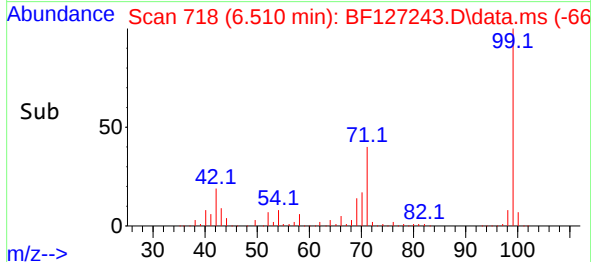
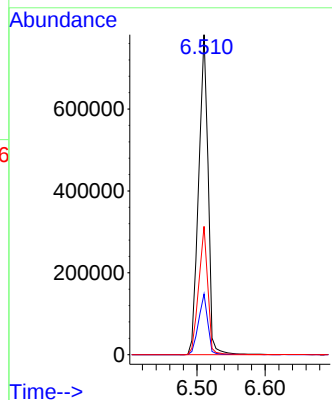
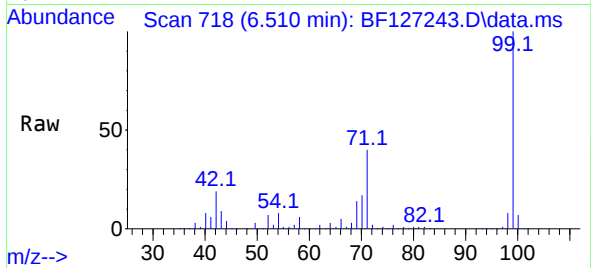
#7
Phenol-d6
Concen: 89.495 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Instrument :
BNA_F
ClientSampleId :
DUM-20

Tgt Ion: 99 Resp: 750380
Ion Ratio Lower Upper
99 100
42 19.0 14.2 21.4
71 40.1 24.3 36.5

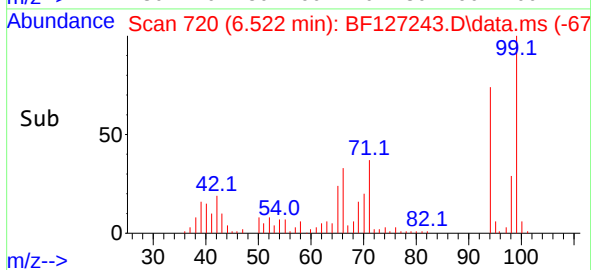
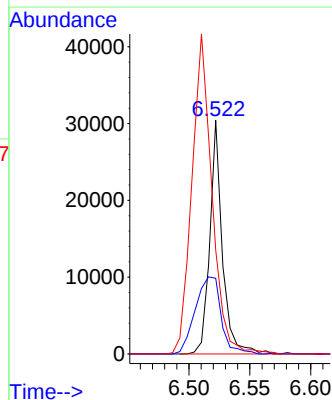
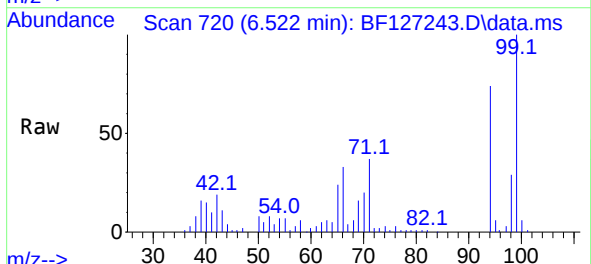
Manual Integrations
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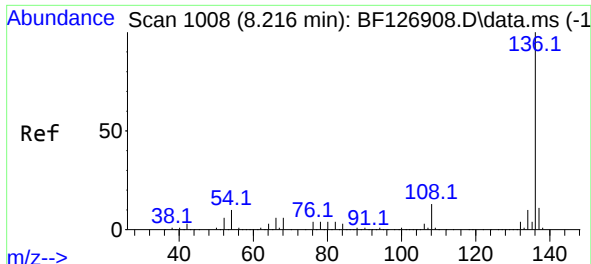
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#10
Phenol
Concen: 2.574 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Tgt Ion: 94 Resp: 21806
Ion Ratio Lower Upper
94 100
65 32.4 7.2 47.2
66 44.5 14.5 54.5





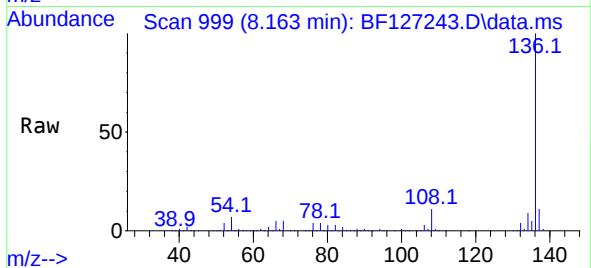
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Instrument :

BNA_F

ClientSampleId :

DUM-20

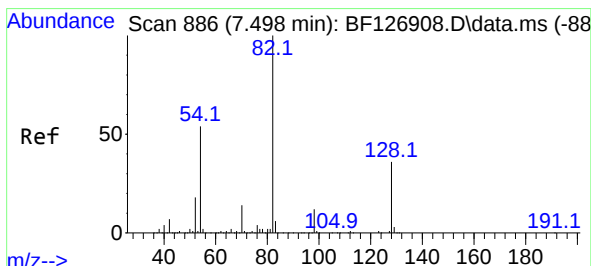
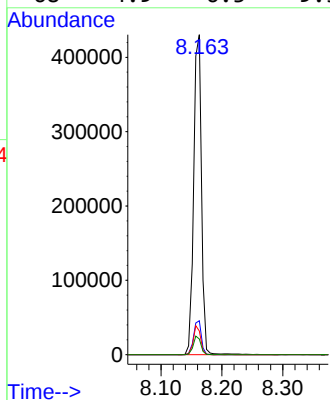
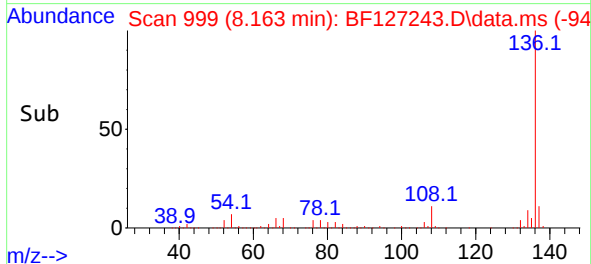


Tgt Ion:136 Resp: 383862
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.4 7.8 11.6
68 4.9 6.3 9.5#

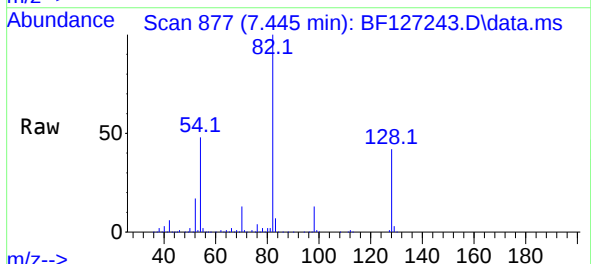
Manual Integrations

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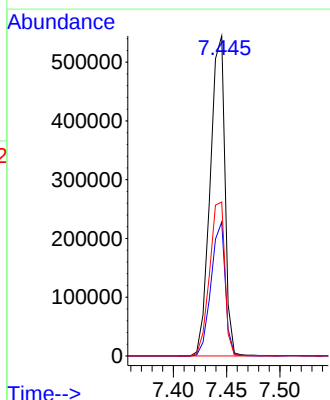
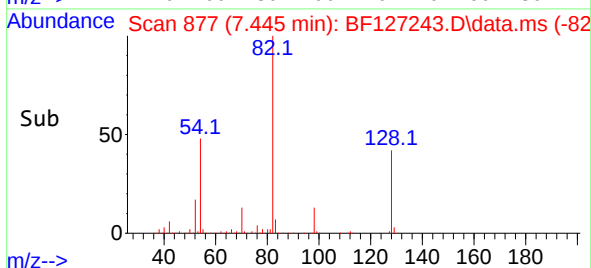
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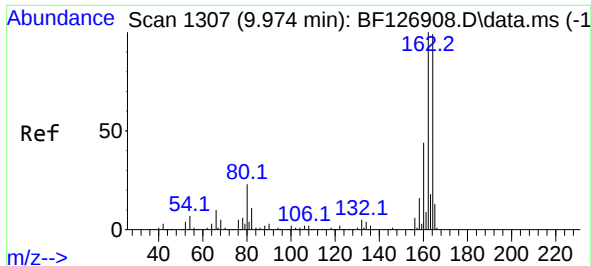


#23
Nitrobenzene-d5
Concen: 61.712 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18



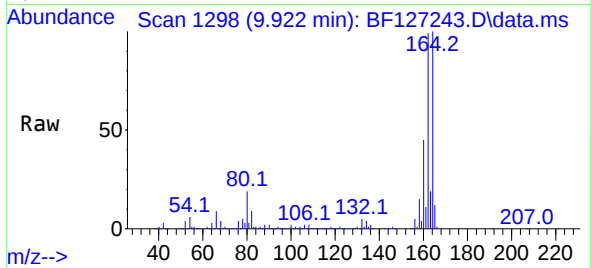
Tgt Ion: 82 Resp: 524821
Ion Ratio Lower Upper
82 100
128 41.8 32.7 49.1
54 48.1 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

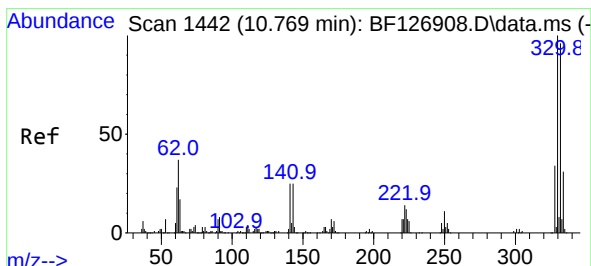
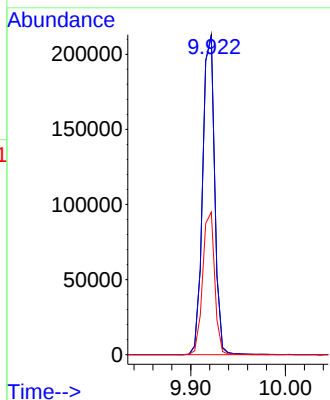
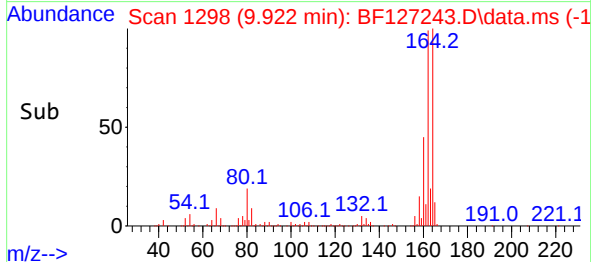
Instrument :
BNA_F
ClientSampleId :
DUM-20



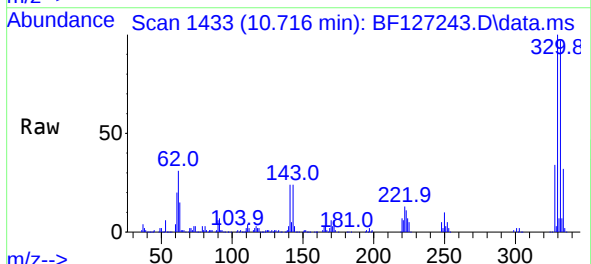
Tgt Ion:164 Resp: 187952
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 44.6 36.6 54.8

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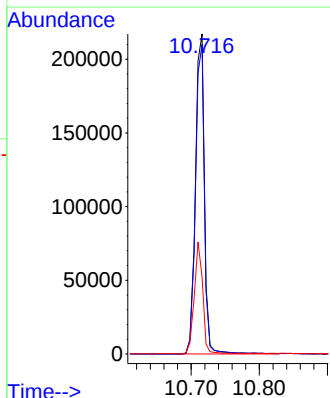
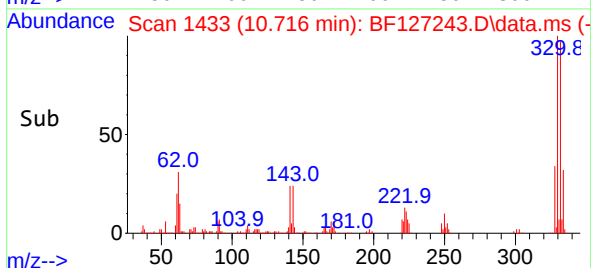
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

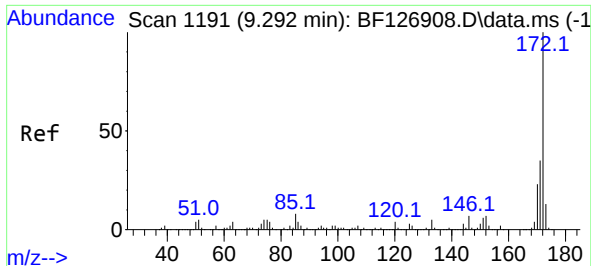


#42
2,4,6-Tribromophenol
Concen: 91.860 ng
RT: 10.716 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18



Tgt Ion:330 Resp: 198786
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 33.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 57.967 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

Instrument :

BNA_F

ClientSampleId :

DUM-20

Tgt Ion:172 Resp: 740069

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

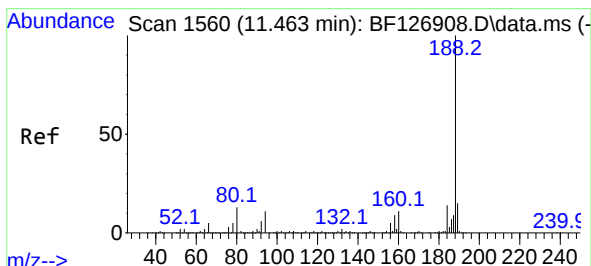
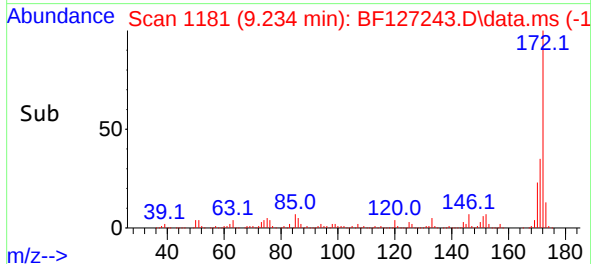
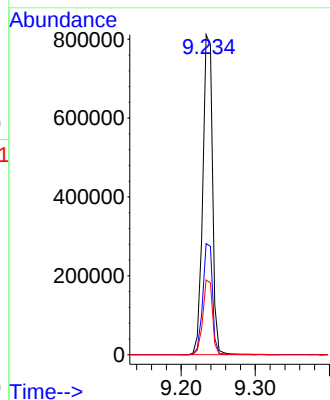
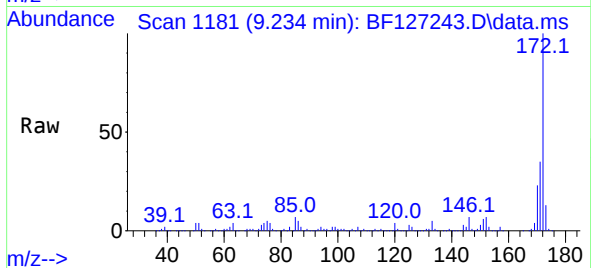
170 23.4 19.0 28.6

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF127243.D

Acq: 08 Mar 2022 02:18

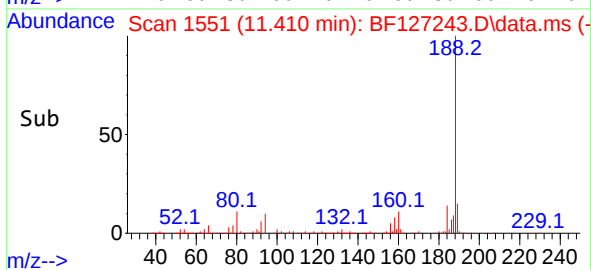
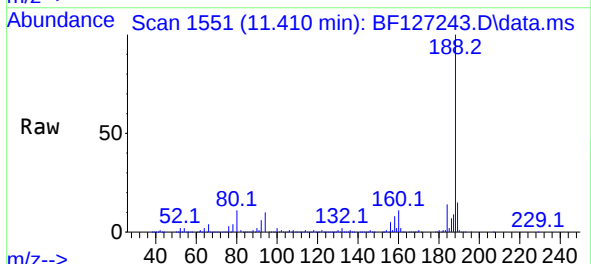
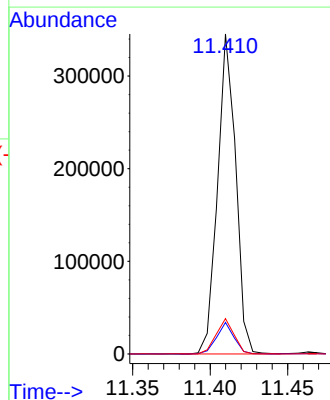
Tgt Ion:188 Resp: 281528

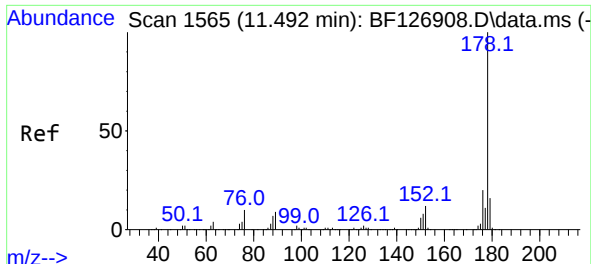
Ion Ratio Lower Upper

188 100

94 9.9 10.1 15.1#

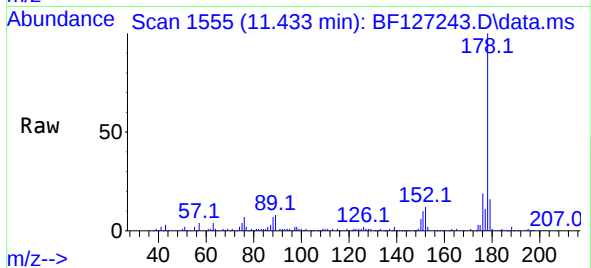
80 11.1 11.8 17.6#





#71
Phenanthrene
Concen: 3.100 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

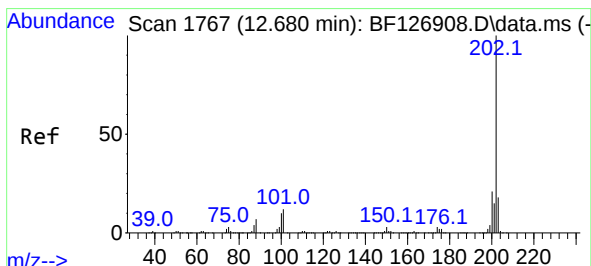
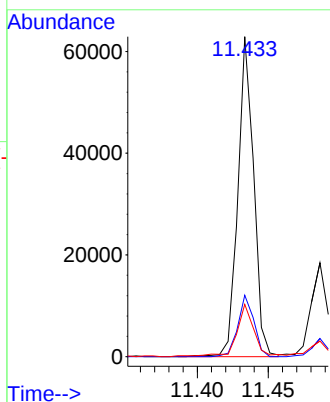
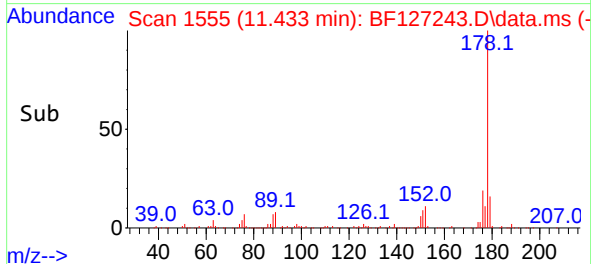
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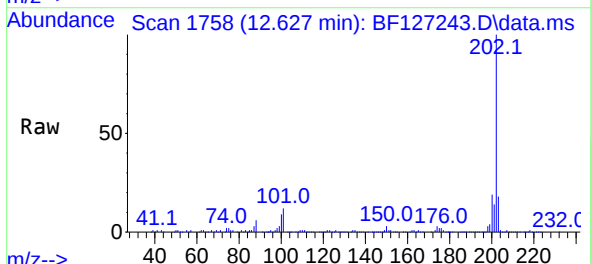
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Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.3 12.3 18.5

Manual Integrations
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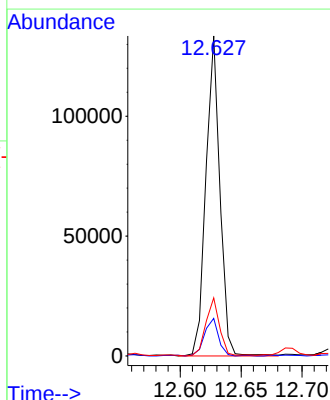
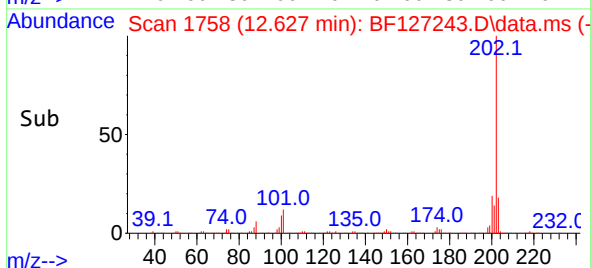
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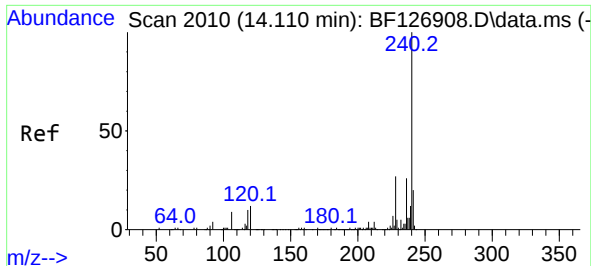


#75
Fluoranthene
Concen: 7.136 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18



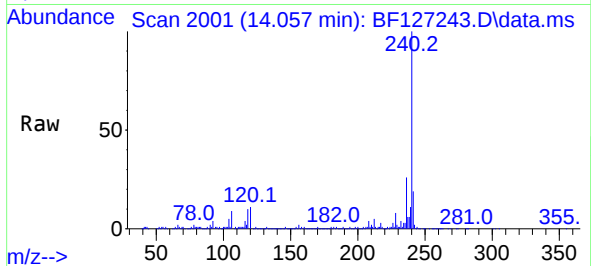
Tgt Ion:202 Resp: 106762
Ion Ratio Lower Upper
202 100
101 11.8 0.0 35.7
203 18.1 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

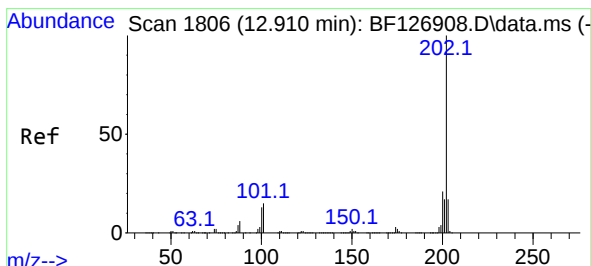
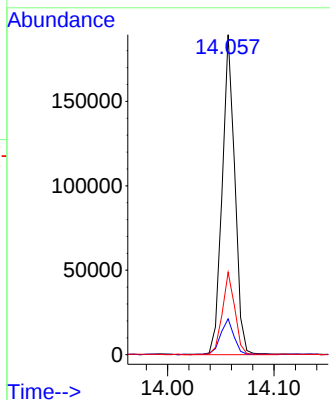
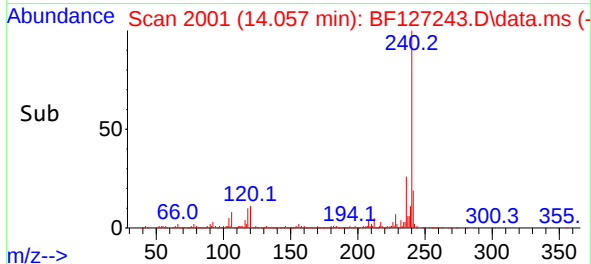
Instrument :
BNA_F
ClientSampleId :
DUM-20



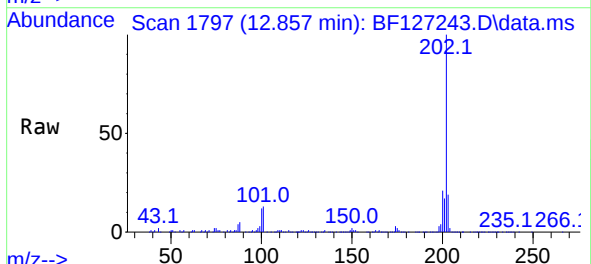
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Ion Ratio Lower Upper
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120 11.2 14.4 21.6
236 25.7 20.5 30.7

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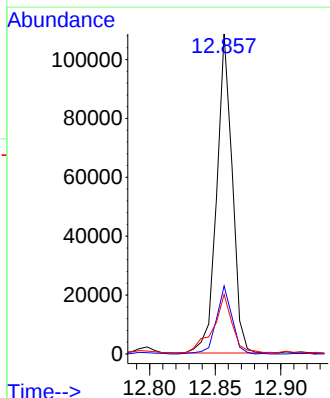
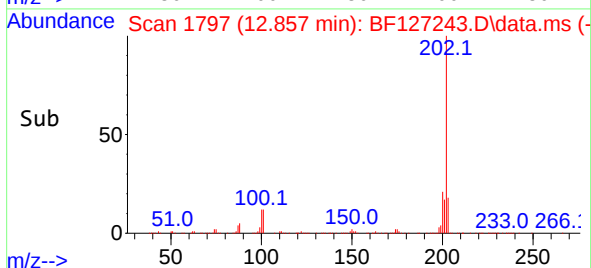
Reviewed By :Christian Giraldo 03/08/2022
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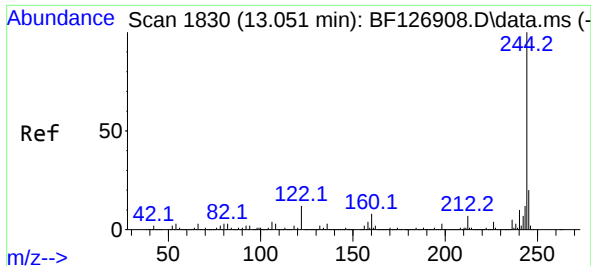


#78
Pyrene
Concen: 6.595 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18



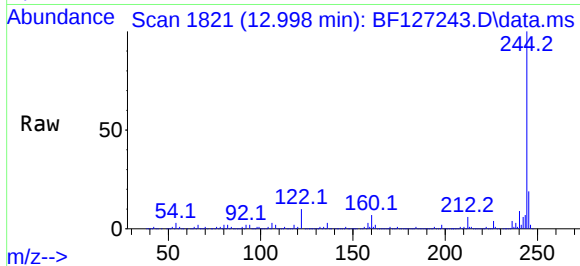
Tgt Ion:202 Resp: 89233
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 18.6 13.8 20.8





#79
 Terphenyl-d14
 Concen: 44.651 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127243.D
 Acq: 08 Mar 2022 02:18

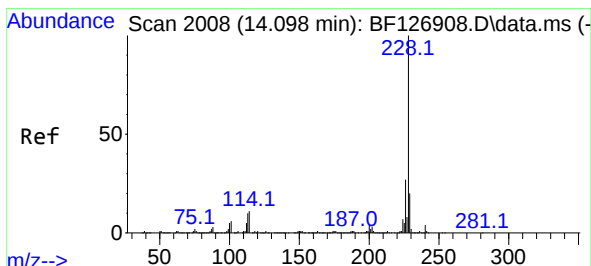
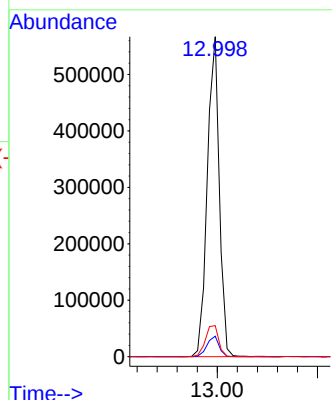
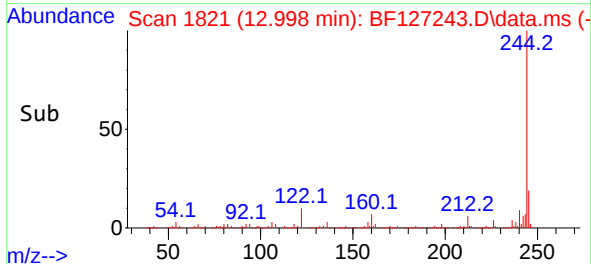
Instrument :
 BNA_F
 ClientSampleId :
 DUM-20



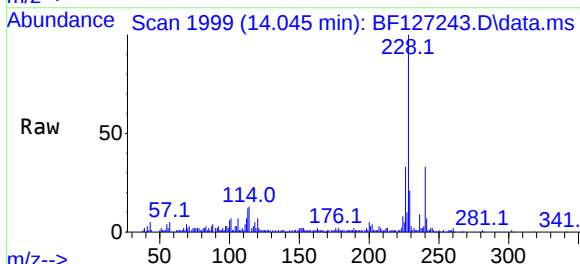
Tgt Ion:244 Resp: 473050
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.7 13.3 19.9

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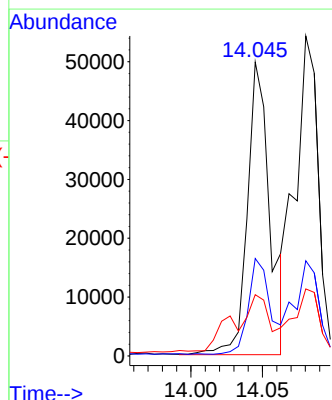
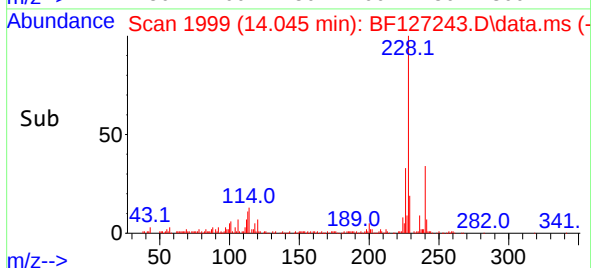
Reviewed By :Christian Giraldo 03/08/2022
 Supervised By :Jagrut Upadhyay 03/08/2022

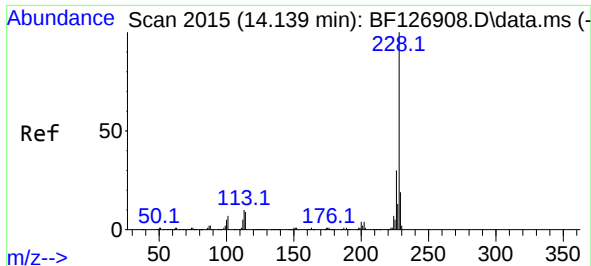


#81
 Benzo(a)anthracene
 Concen: 5.213 ng m
 RT: 14.045 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: BF127243.D
 Acq: 08 Mar 2022 02:18



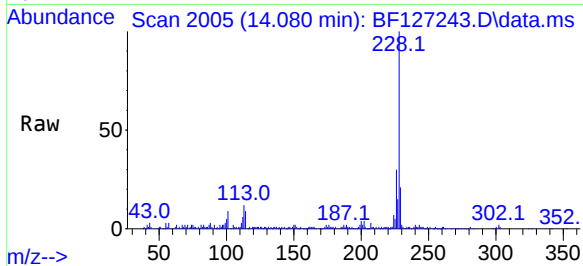
Tgt Ion:228 Resp: 54735
 Ion Ratio Lower Upper
 228 100
 226 33.1 21.4 32.0#
 229 20.8 15.4 23.2





#83
Chrysene
Concen: 6.139 ng
RT: 14.080 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

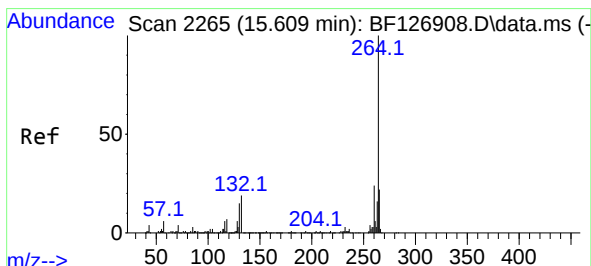
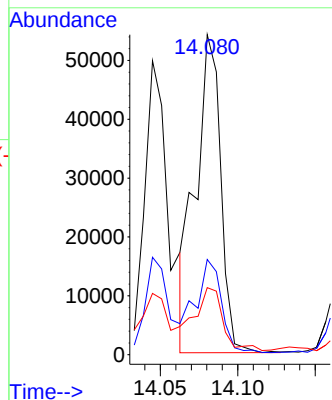
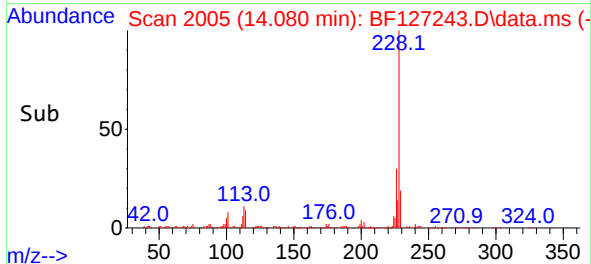
Instrument :
BNA_F
ClientSampleId :
DUM-20



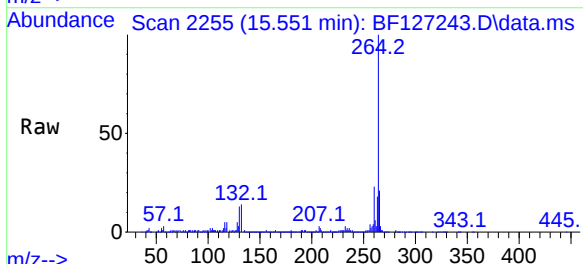
Tgt Ion:228 Resp: 6061
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 21.0 15.5 23.3

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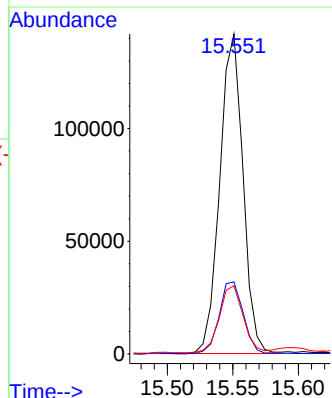
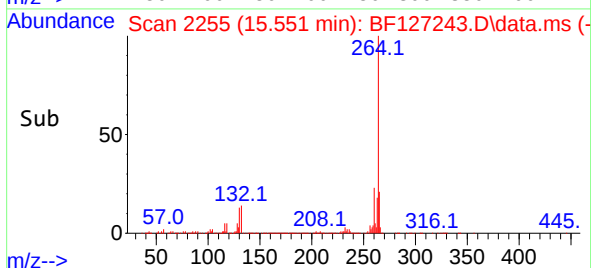
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

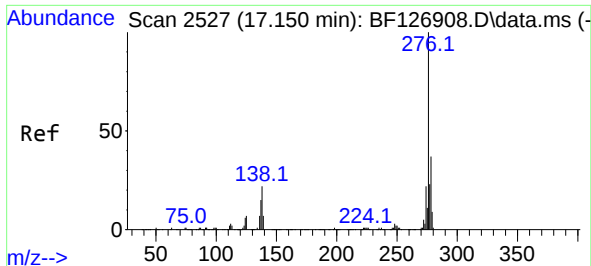


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18



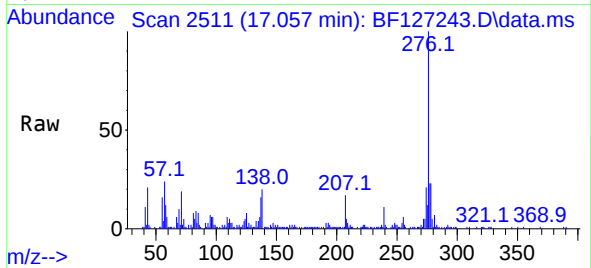
Tgt Ion:264 Resp: 173990
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.336 ng
RT: 17.057 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

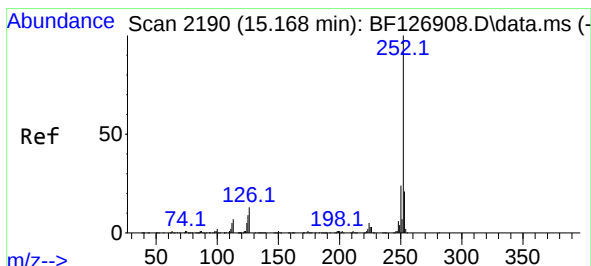
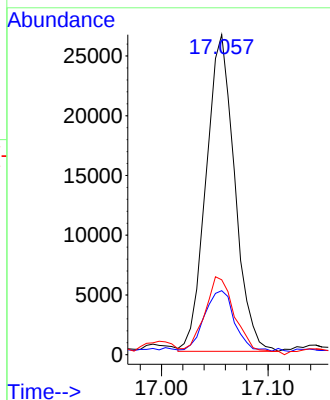
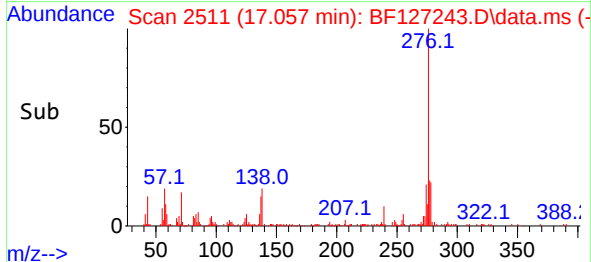
Instrument :
BNA_F
ClientSampleId :
DUM-20



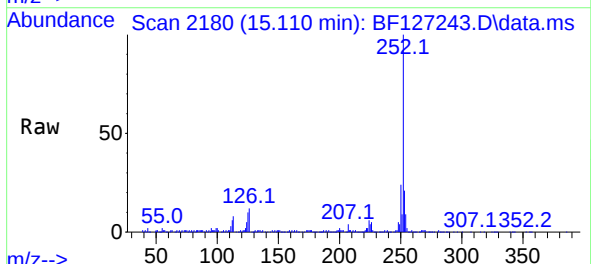
Tgt Ion:276 Resp: 4946
Ion Ratio Lower Upper
276 100
138 20.3 29.2 43.8
277 27.0 19.8 29.8

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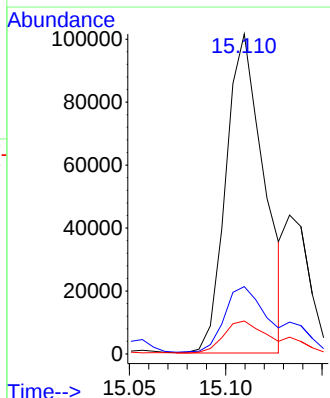
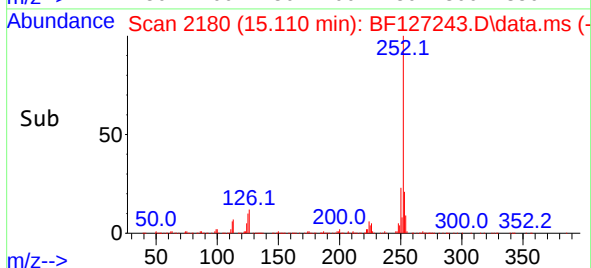
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

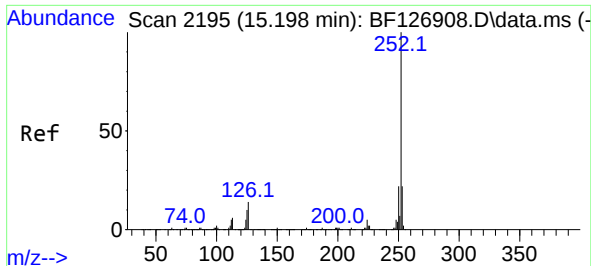


#88
Benzo(b)fluoranthene
Concen: 11.935 ng m
RT: 15.110 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18



Tgt Ion:252 Resp: 139470
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 10.3 12.4 18.6





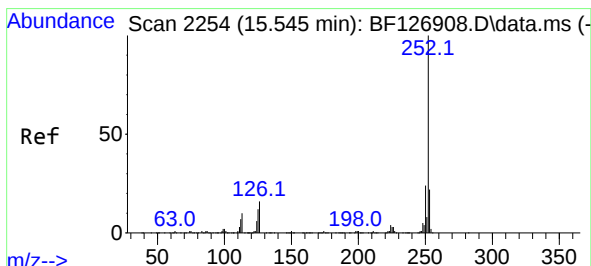
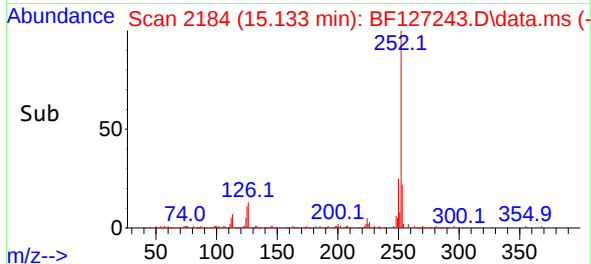
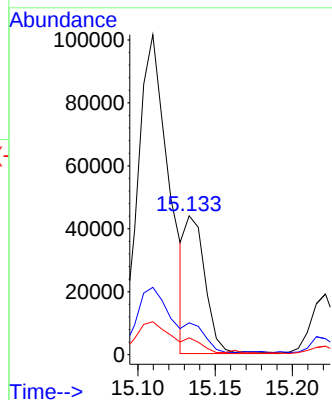
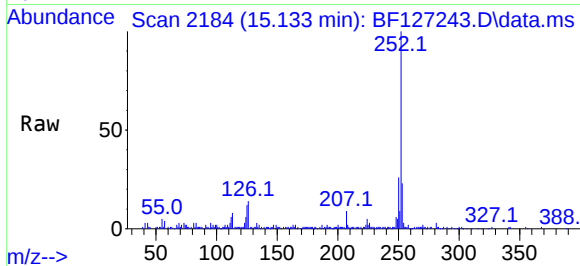
#89
Benzo(k)fluoranthene
Concen: 3.471 ng m
RT: 15.133 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

Instrument :
BNA_F
ClientSampleId :
DUM-20

Tgt Ion:252 Resp: 3912
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 12.1 11.8 17.6

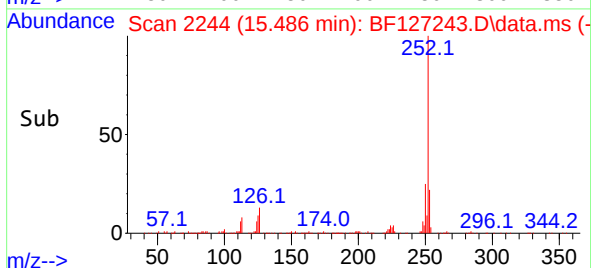
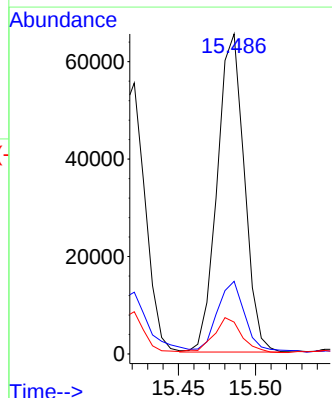
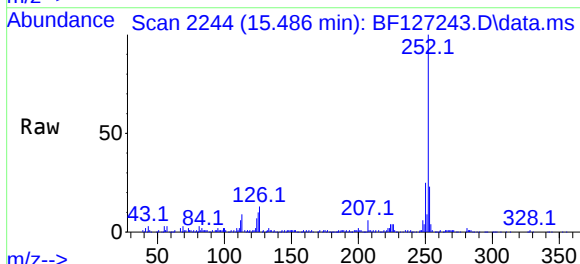
Manual Integrations
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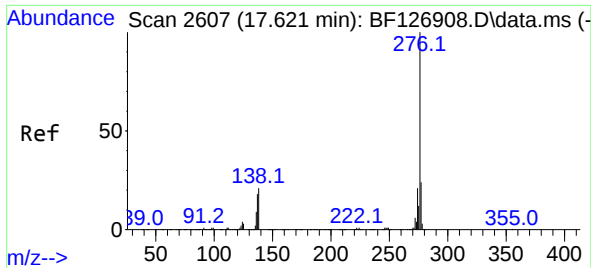
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#90
Benzo(a)pyrene
Concen: 8.752 ng m
RT: 15.486 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BF127243.D
Acq: 08 Mar 2022 02:18

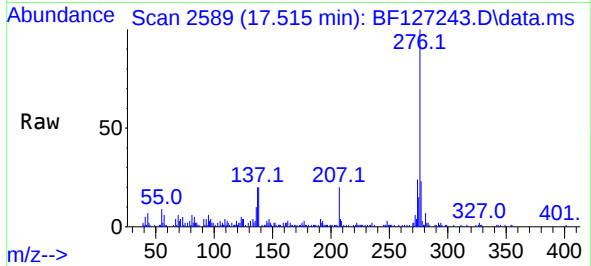
Tgt Ion:252 Resp: 79888
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.0 13.0 19.6#





#92
 Benzo(g,h,i)perylene
 Concen: 4.639 ng
 RT: 17.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127243.D
 Acq: 08 Mar 2022 02:18

Instrument :
 BNA_F
 ClientSampleId :
 DUM-20



Tgt Ion: 276 Resp: 4315

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	20.5	25.9	38.9

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

