

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127152.D
 Acq On : 02 Mar 2022 17:39
 Operator : CG\JU
 Sample : N1721-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-4

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 00:57:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	81674	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	332933	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	167204	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	272561	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	129837	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	158303	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	573837	108.591	ng	0.00
7) Phenol-d6	6.516	99	737031	103.363	ng	0.00
23) Nitrobenzene-d5	7.451	82	514177	69.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	193291	100.404	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	787217	69.311	ng	0.00
79) Terphenyl-d14	13.004	244	614285	69.551	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.528	94	17198	2.387	ng	# 62
71) Phenanthrene	11.445	178	51041	3.346	ng	98
75) Fluoranthene	12.633	202	85934	5.932	ng	95
78) Pyrene	12.863	202	68098	6.037	ng	99
81) Benzo(a)anthracene	14.057	228	21049	2.405	ng	98
83) Chrysene	14.092	228	23917	2.906	ng	96
88) Benzo(b)fluoranthene	15.116	252	34685m	3.262	ng	
90) Benzo(a)pyrene	15.492	252	25690m	3.093	ng	
92) Benzo(g,h,i)perylene	17.527	276	17281	2.042	ng	# 84

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

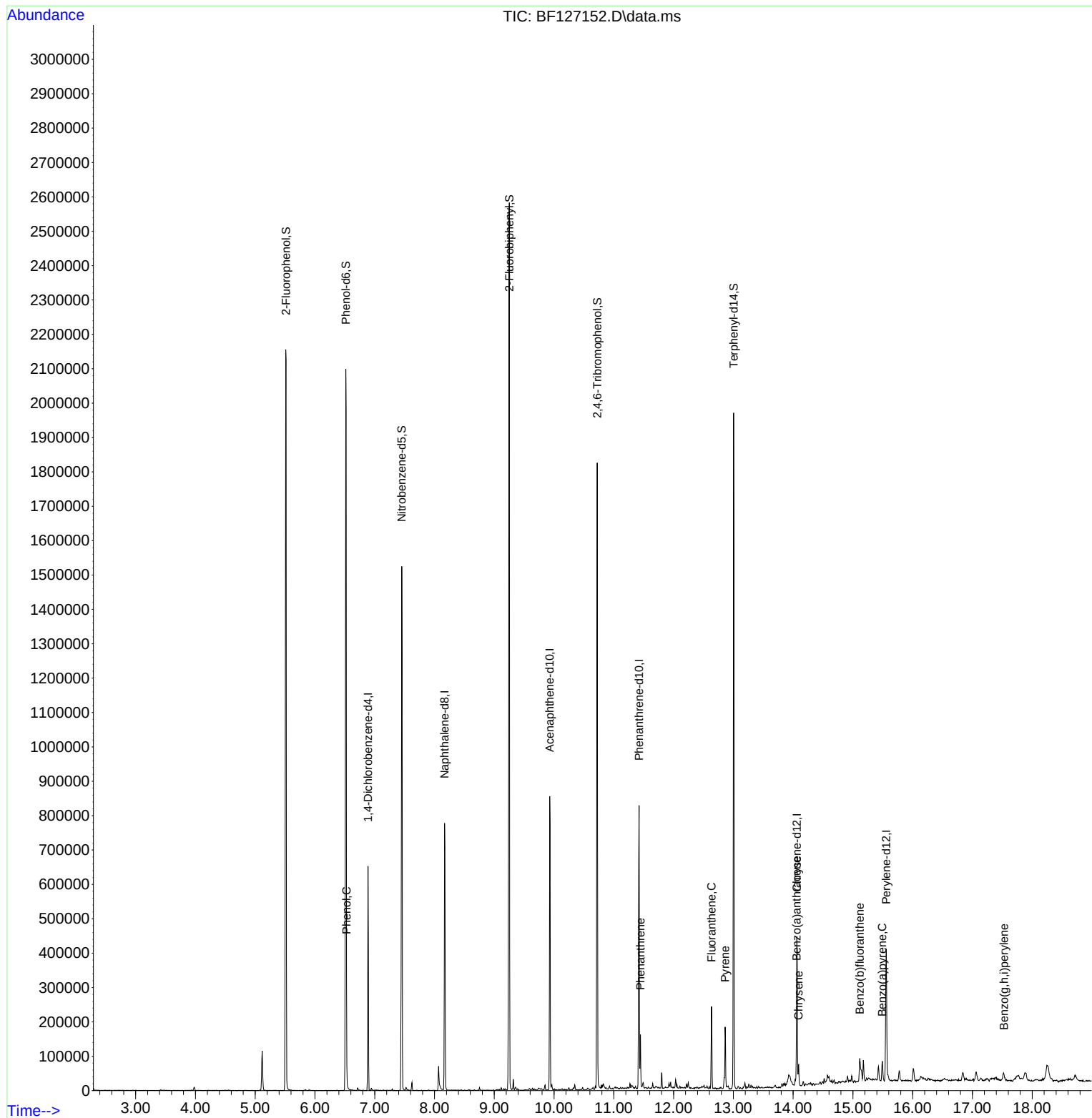
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
Data File : BF127152.D
Acq On : 02 Mar 2022 17:39
Operator : CG\JU
Sample : N1721-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

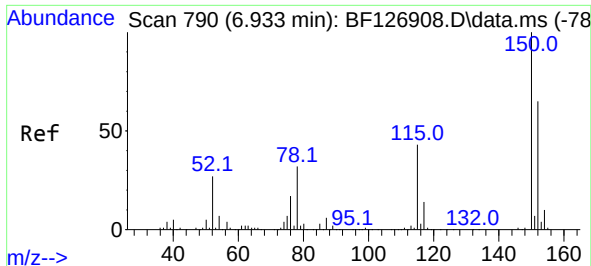
Instrument :
BNA_F
ClientSampleId :
DUM-4

Quant Time: Mar 03 00:57:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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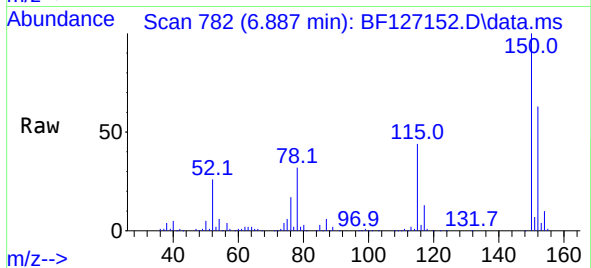
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

Instrument :

BNA_F

ClientSampleId :

DUM-4

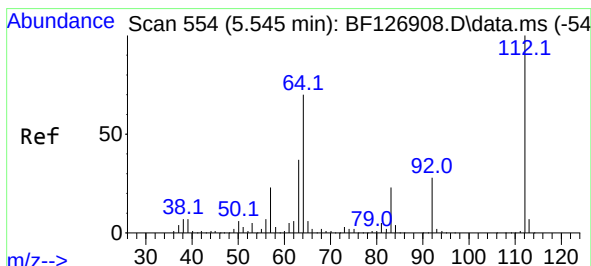
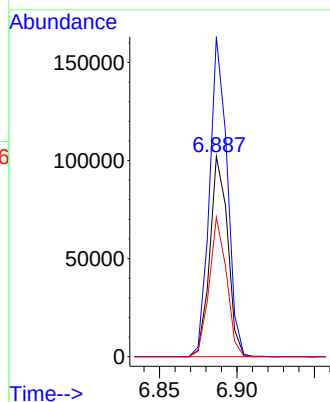
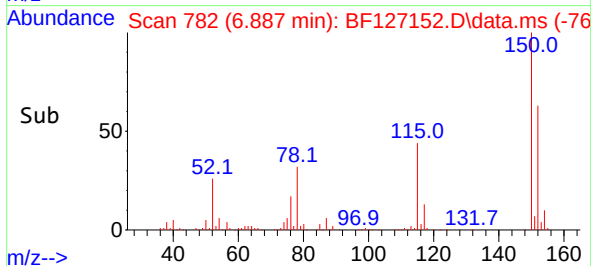


Tgt Ion:152 Resp: 81674
Ion Ratio Lower Upper
152 100
150 159.9 128.1 192.1
115 69.6 56.7 85.1

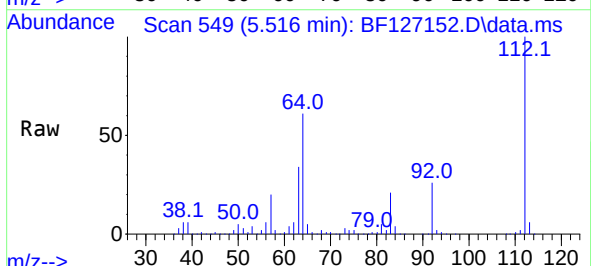
Manual Integrations

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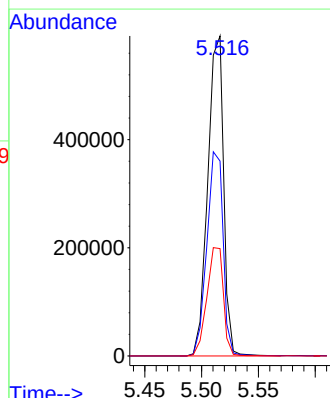
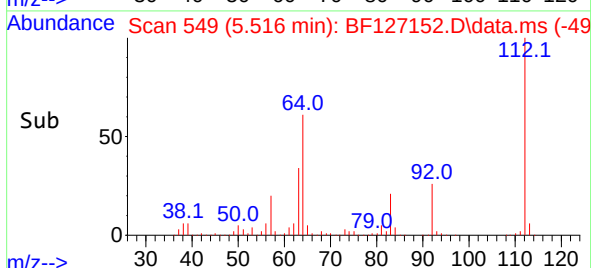
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

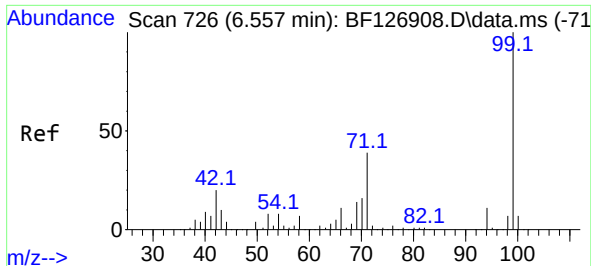


#5
2-Fluorophenol
Concen: 108.591 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39



Tgt Ion:112 Resp: 573837
Ion Ratio Lower Upper
112 100
64 60.9 49.5 74.3
63 33.5 23.9 35.9





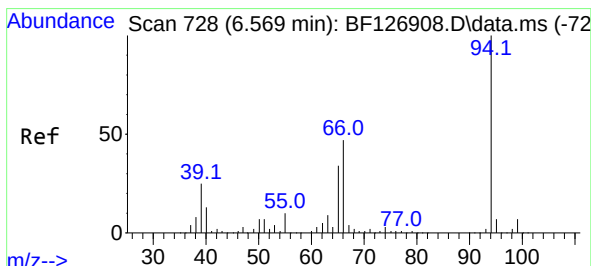
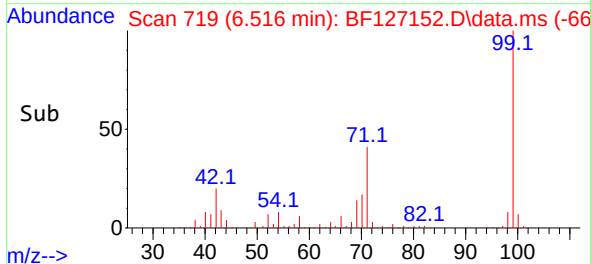
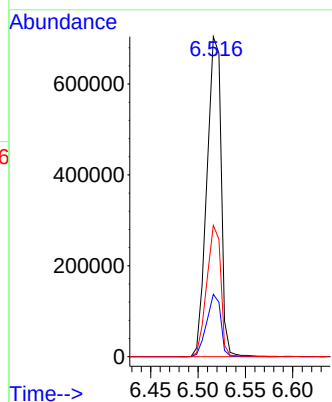
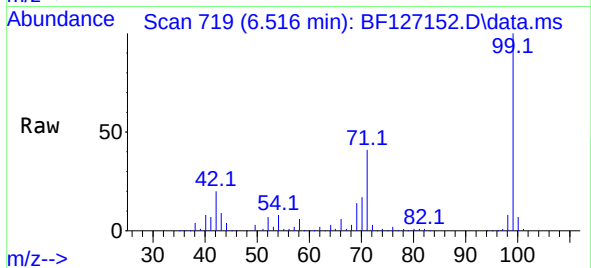
#7
Phenol-d6
Concen: 103.363 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

Instrument :
BNA_F
ClientSampleId :
DUM-4

Tgt Ion: 99 Resp: 73703
Ion Ratio Lower Upper
99 100
42 19.5 14.2 21.4
71 41.1 24.3 36.5

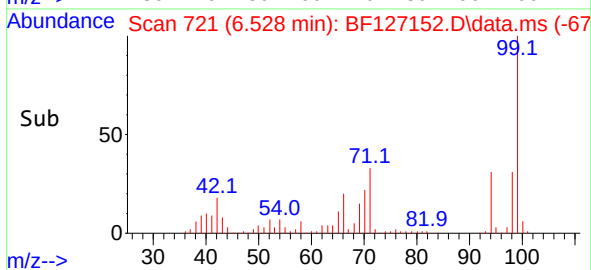
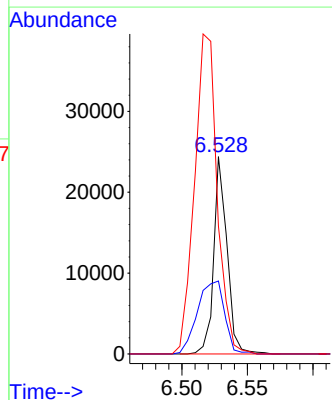
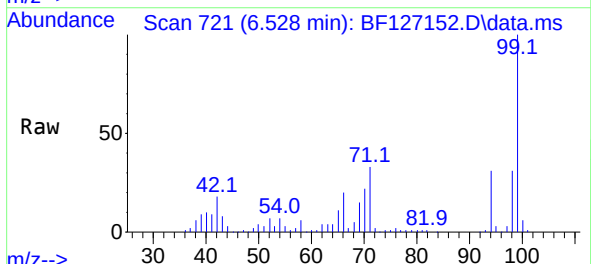
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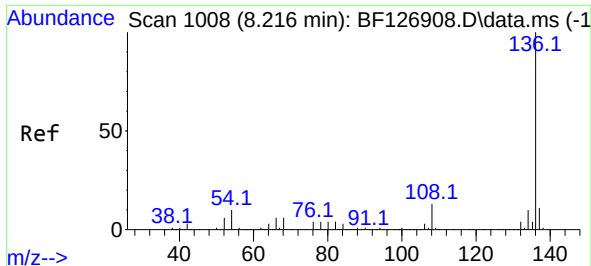
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#10
Phenol
Concen: 2.387 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

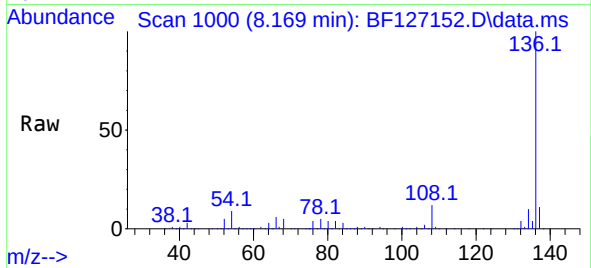
Tgt Ion: 94 Resp: 17198
Ion Ratio Lower Upper
94 100
65 37.0 7.2 47.2
66 64.8 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

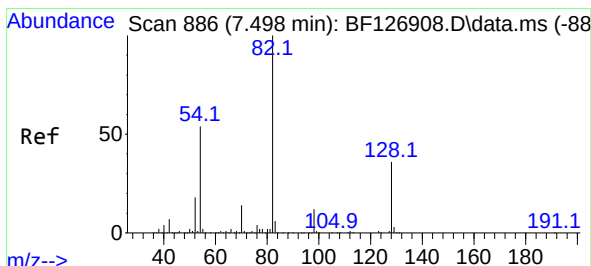
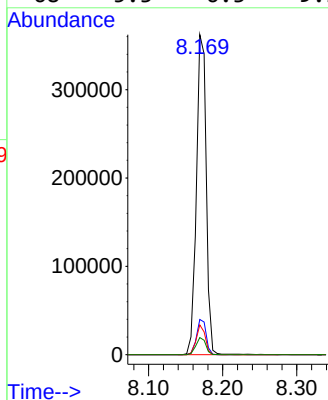
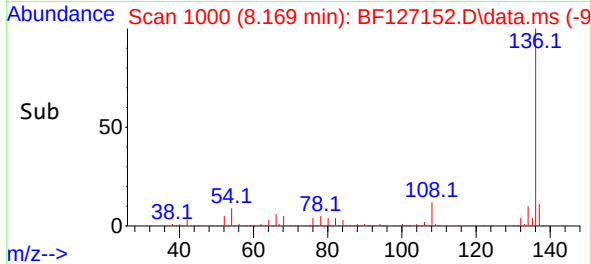
Instrument :
BNA_F
ClientSampleId :
DUM-4



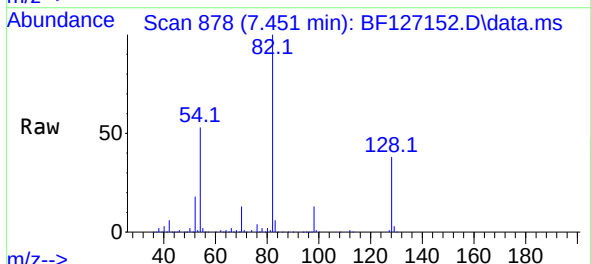
Tgt Ion:136 Resp: 332933
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 7.8 11.6
68 5.3 6.3 9.5#

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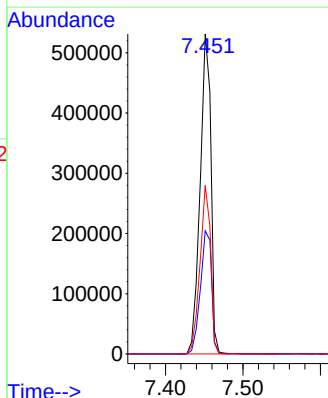
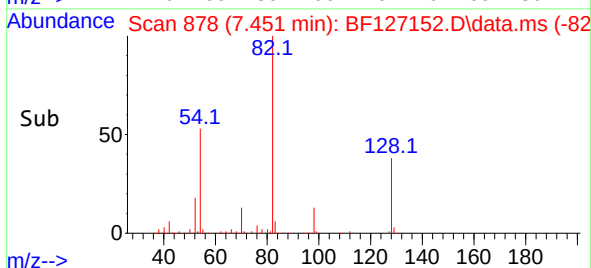
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

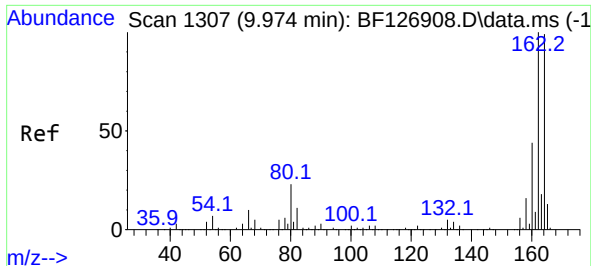


#23
Nitrobenzene-d5
Concen: 69.709 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39



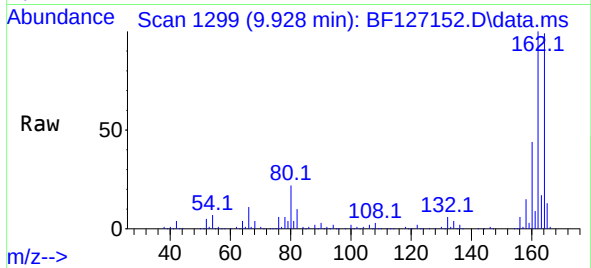
Tgt Ion: 82 Resp: 514177
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 52.6 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

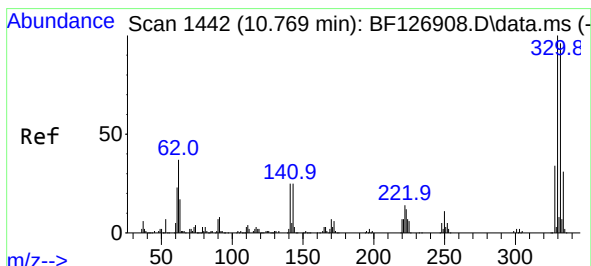
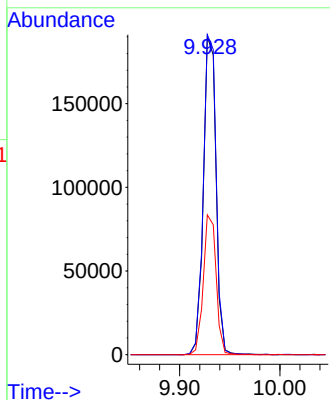
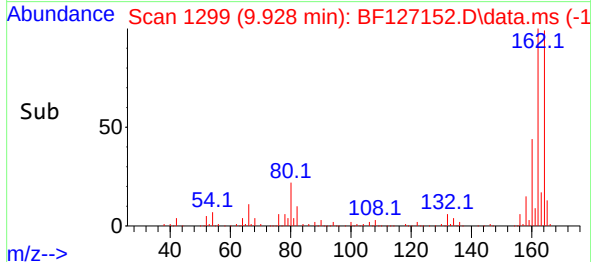
Instrument :
BNA_F
ClientSampleId :
DUM-4



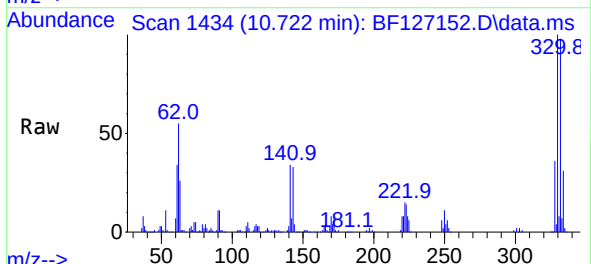
Tgt Ion:164 Resp: 167204
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.0 36.6 54.8

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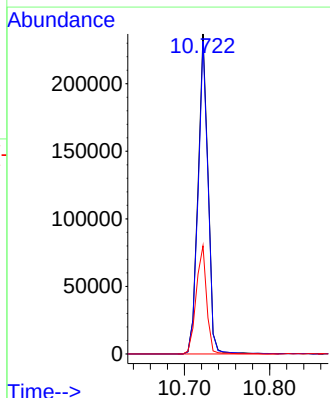
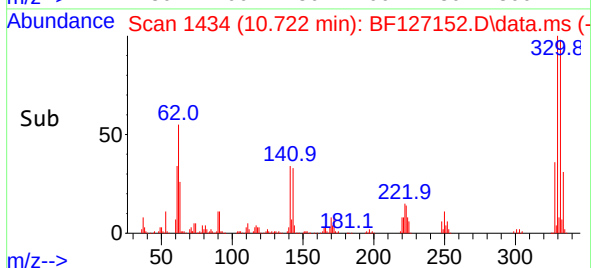
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

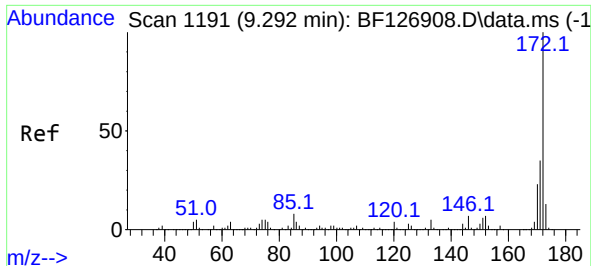


#42
2,4,6-Tribromophenol
Concen: 100.404 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39



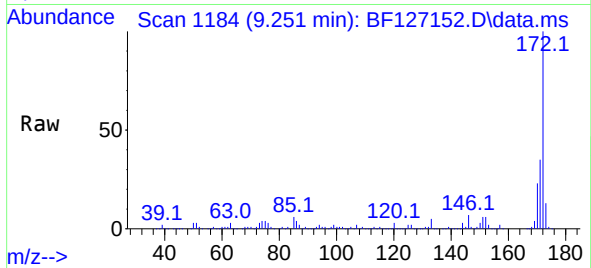
Tgt Ion:330 Resp: 193291
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 35.3 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 69.311 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

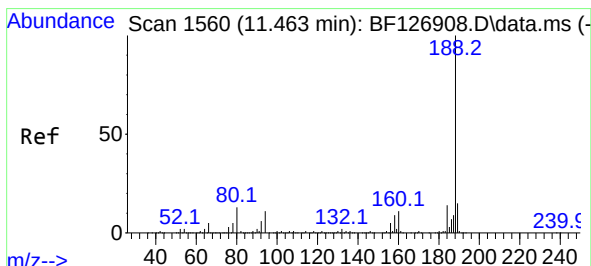
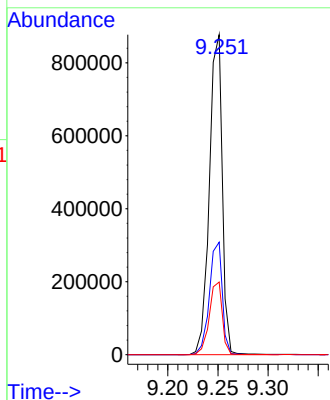
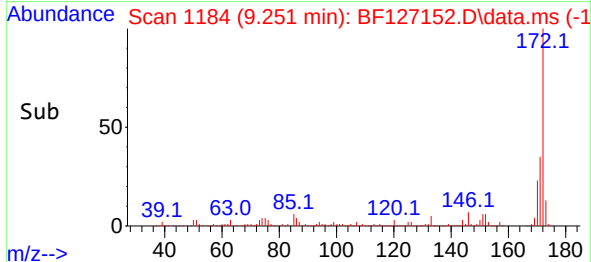
Instrument :
BNA_F
ClientSampleId :
DUM-4



Tgt Ion:172 Resp: 78721
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.7 19.0 28.6

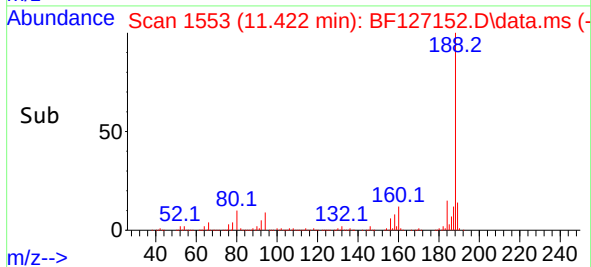
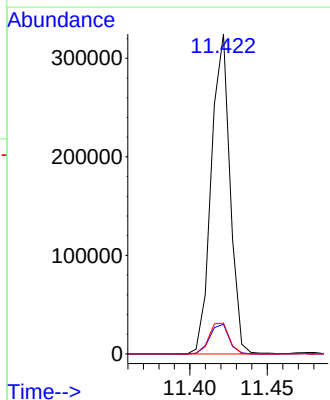
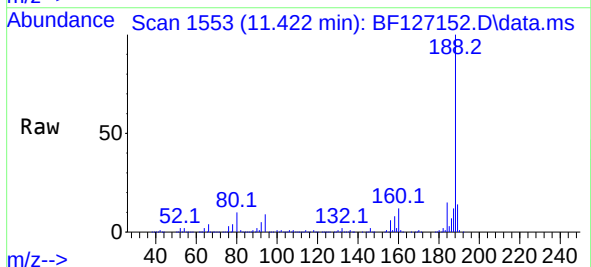
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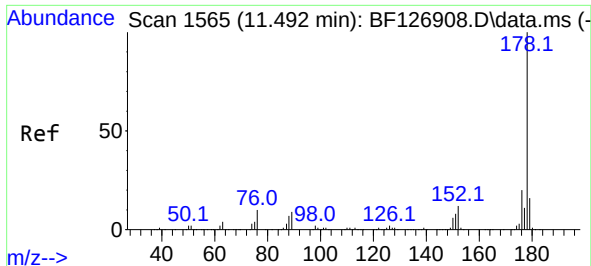
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

Tgt Ion:188 Resp: 272561
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 9.7 11.8 17.6#





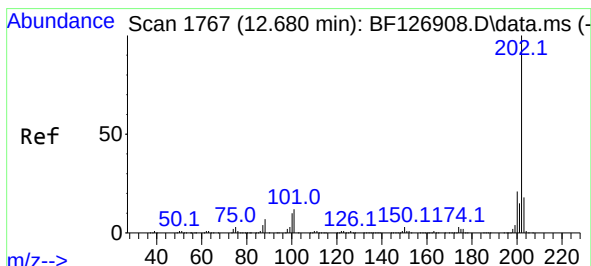
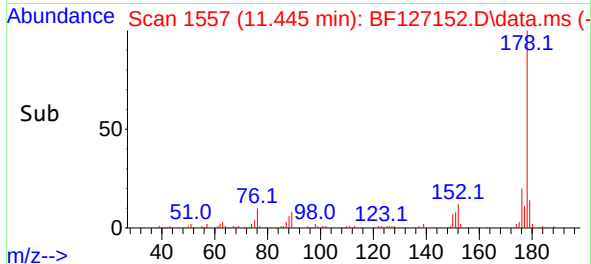
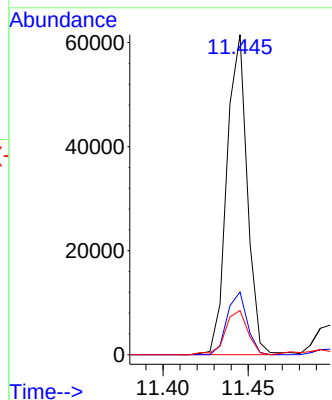
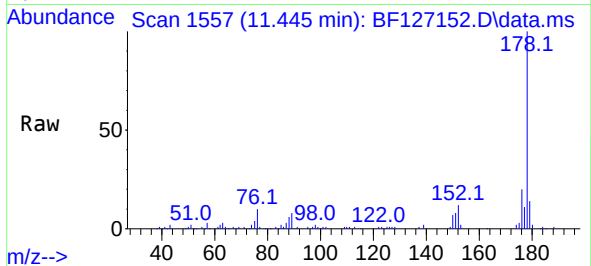
#71
Phenanthrene
Concen: 3.346 ng
RT: 11.445 min Scan# 11445
Delta R.T. -0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

Instrument :
BNA_F
ClientSampleId :
DUM-4

Tgt Ion:178 Resp: 5104
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 13.8 12.3 18.5

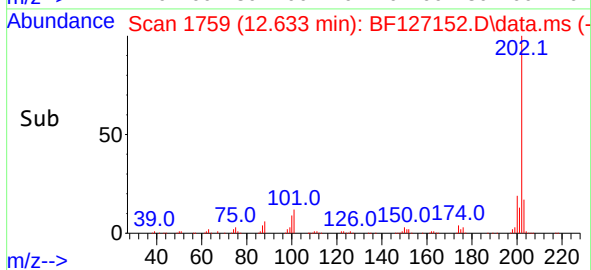
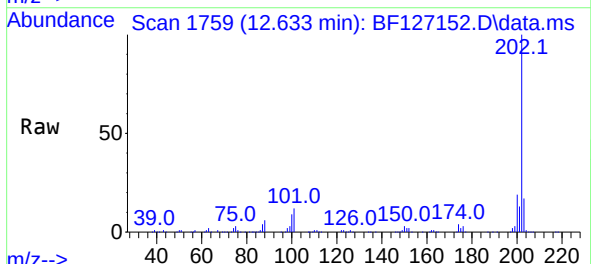
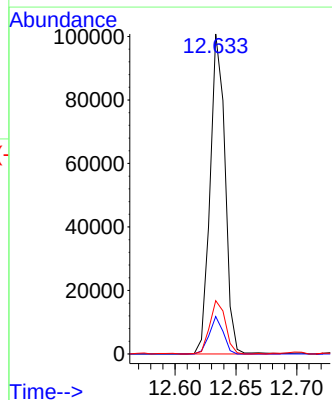
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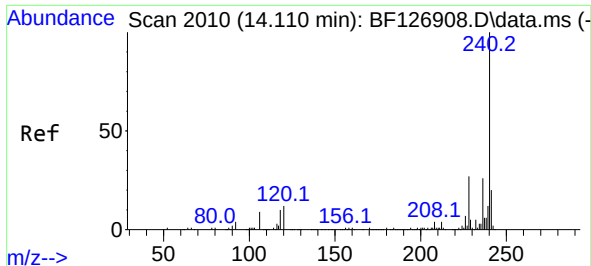
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#75
Fluoranthene
Concen: 5.932 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

Tgt Ion:202 Resp: 85934
Ion Ratio Lower Upper
202 100
101 11.7 0.0 35.7
203 16.7 0.0 37.1





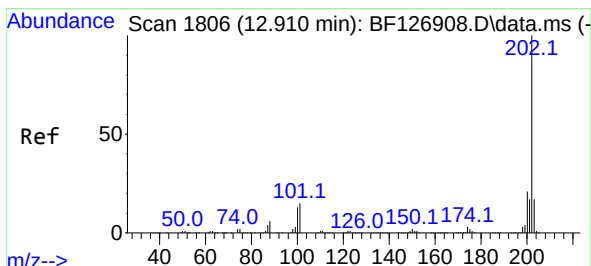
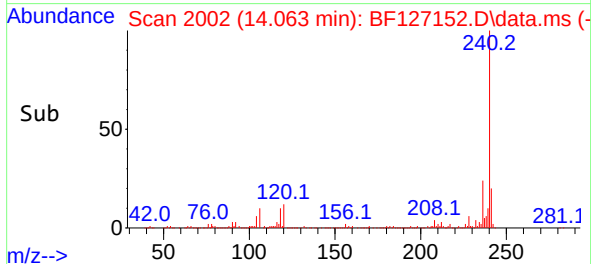
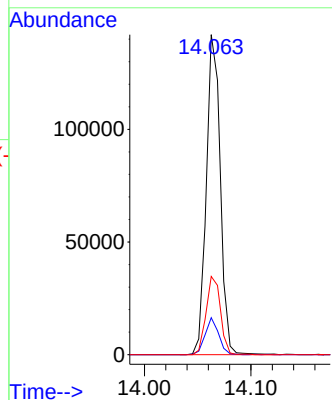
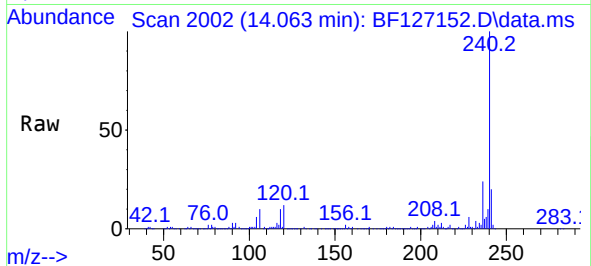
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

Instrument :
BNA_F
ClientSampleId :
DUM-4

Tgt Ion:240 Resp: 12983
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6
236 24.5 20.5 30.7

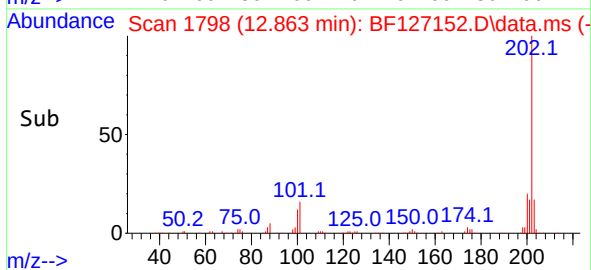
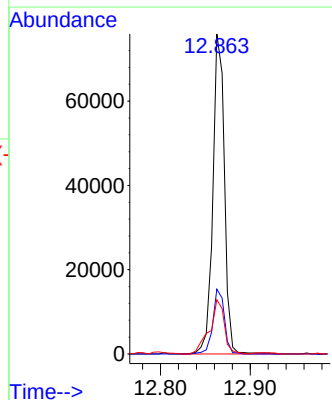
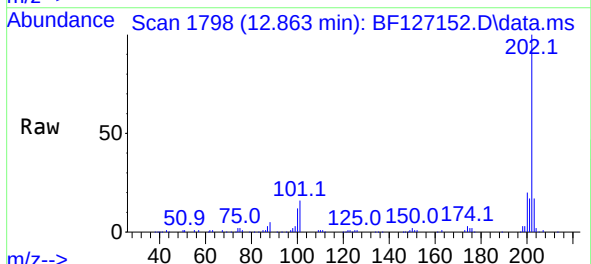
Manual Integrations
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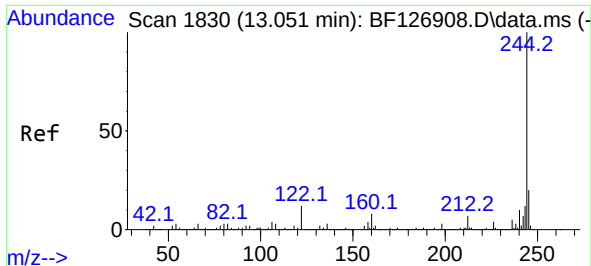
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#78
Pyrene
Concen: 6.037 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

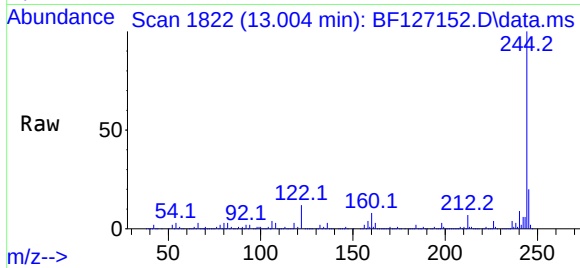
Tgt Ion:202 Resp: 68098
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 16.9 13.8 20.8





#79
Terphenyl-d14
Concen: 69.551 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

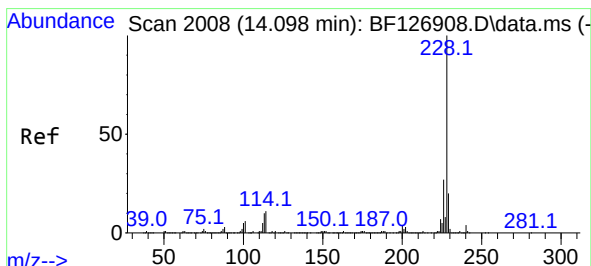
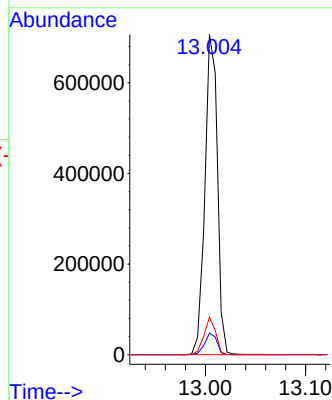
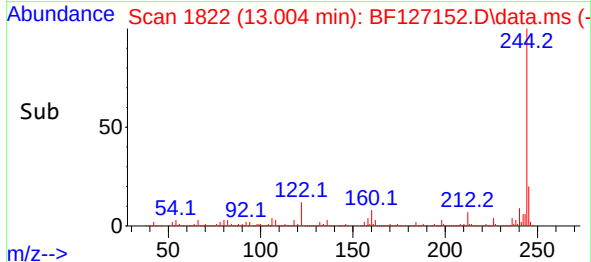
Instrument :
BNA_F
ClientSampleId :
DUM-4



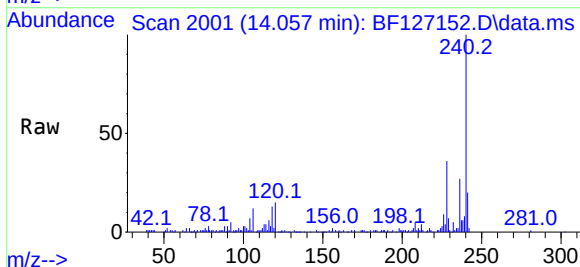
Tgt Ion:244 Resp: 61428
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.7 13.3 19.9

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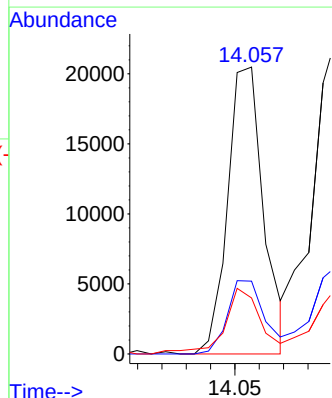
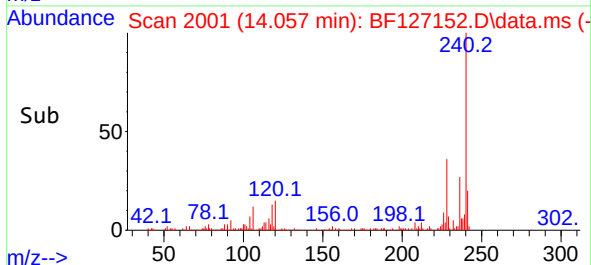
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

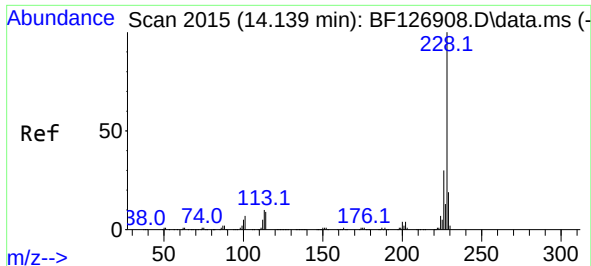


#81
Benzo(a)anthracene
Concen: 2.405 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39



Tgt Ion:228 Resp: 21049
Ion Ratio Lower Upper
228 100
226 25.4 21.4 32.0
229 19.5 15.4 23.2





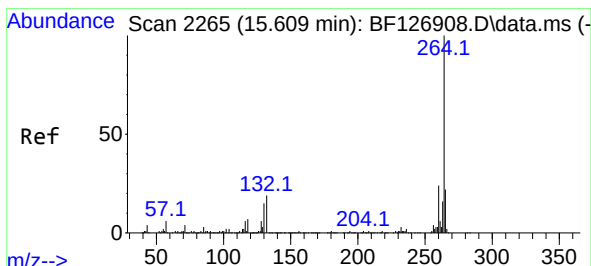
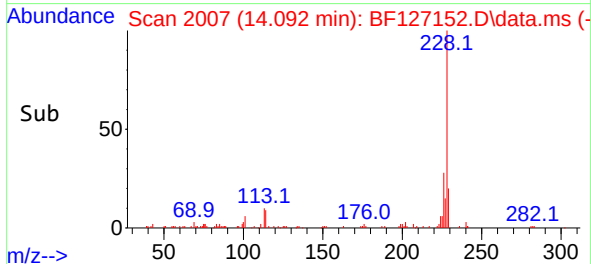
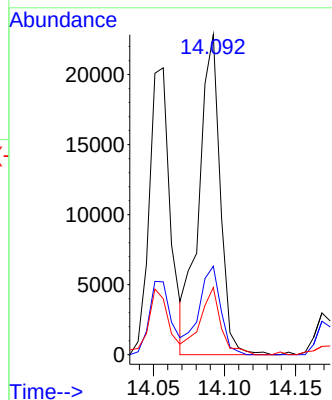
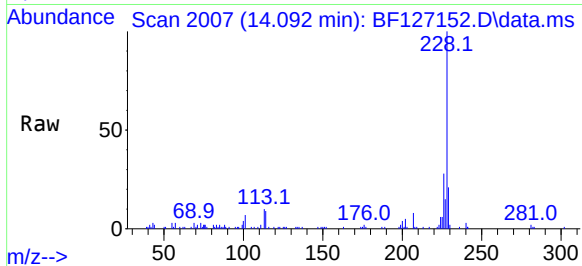
#83
Chrysene
Concen: 2.906 ng
RT: 14.092 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

Instrument :
BNA_F
ClientSampleId :
DUM-4

Tgt Ion:228 Resp: 2391
Ion Ratio Lower Upper
228 100
226 27.7 23.7 35.5
229 21.0 15.5 23.3

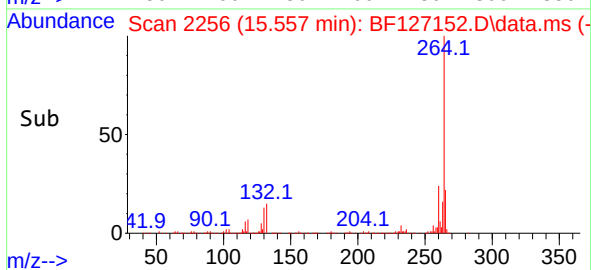
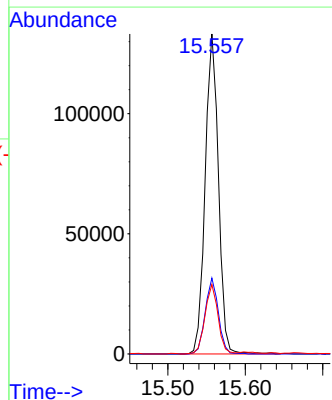
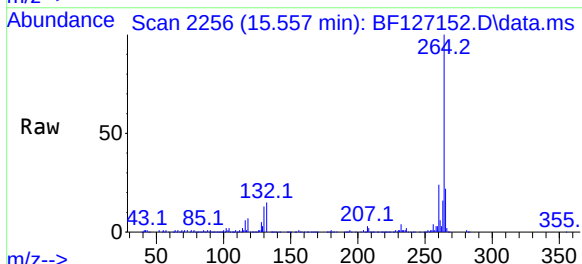
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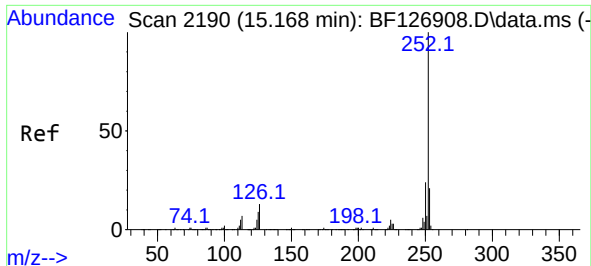
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

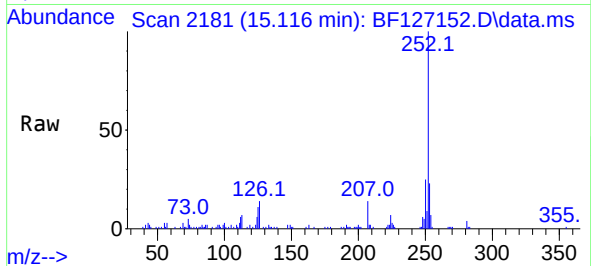
Tgt Ion:264 Resp: 158303
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.7 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.262 ng m
RT: 15.116 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39

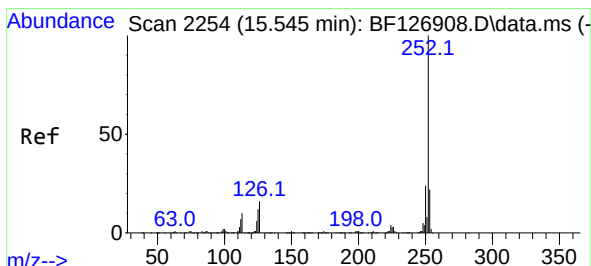
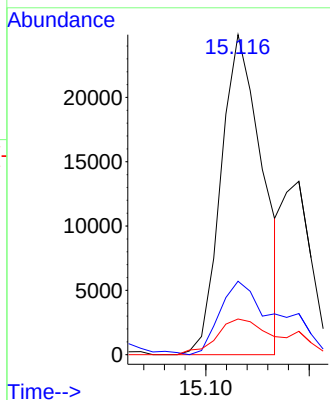
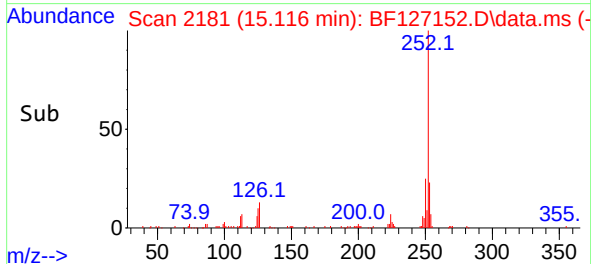
Instrument :
BNA_F
ClientSampleId :
DUM-4



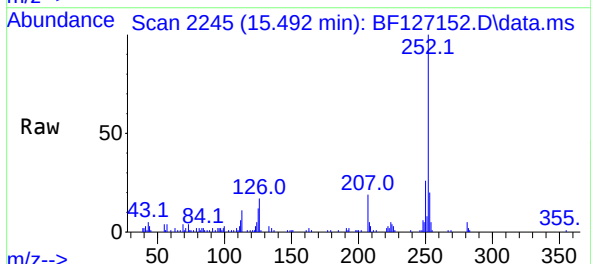
Tgt Ion:252 Resp: 3468
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.1 12.4 18.6

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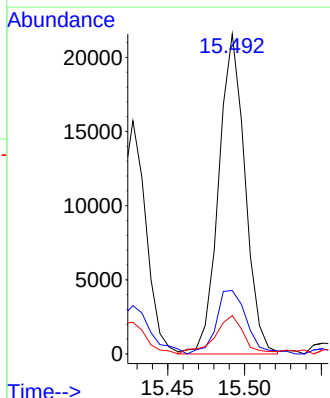
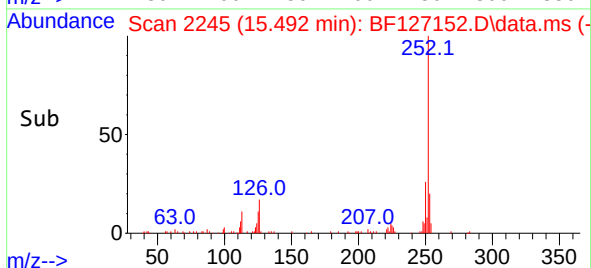
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

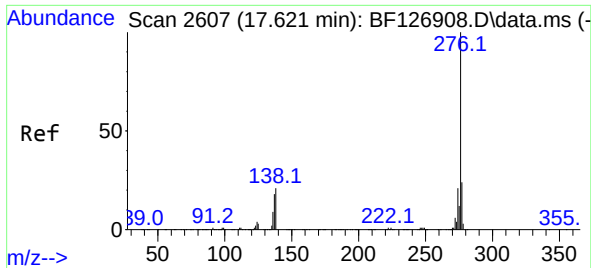


#90
Benzo(a)pyrene
Concen: 3.093 ng m
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF127152.D
Acq: 02 Mar 2022 17:39



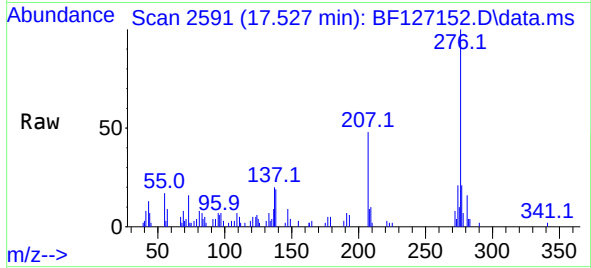
Tgt Ion:252 Resp: 25690
Ion Ratio Lower Upper
252 100
253 19.8 17.1 25.7
125 12.0 13.0 19.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.042 ng
 RT: 17.527 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF127152.D
 Acq: 02 Mar 2022 17:39

Instrument :
 BNA_F
 ClientSampleId :
 DUM-4



Tgt Ion: 276 Resp: 1728

Ion	Ratio	Lower	Upper
276	100		
277	20.7	18.5	27.7
138	19.2	25.9	38.9

Manual Integrations
 APPROVED

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

