

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127218.D
 Acq On : 07 Mar 2022 12:32
 Operator : CG\JU
 Sample : N1751-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-13

Manual Integrations
 APPROVED

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

Quant Time: Mar 07 14:58:10 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	77799	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	321590	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	156613	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	296191	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	141536	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	152262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	555095	110.277	ng	0.00
7) Phenol-d6	6.510	99	734187	108.093	ng	0.00
23) Nitrobenzene-d5	7.445	82	505767	70.988	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	242110	134.268	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	847711	79.684	ng	0.00
79) Terphenyl-d14	12.998	244	859823	89.304	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	19682	2.868	ng	# 68
71) Phenanthrene	11.433	178	43046	2.597	ng	99
75) Fluoranthene	12.627	202	79715	5.064	ng	93
78) Pyrene	12.857	202	67572	5.495	ng	99
81) Benzo(a)anthracene	14.045	228	35810	3.753	ng	98
83) Chrysene	14.080	228	32060	3.573	ng	96
88) Benzo(b)fluoranthene	15.104	252	46602m	4.557	ng	
90) Benzo(a)pyrene	15.480	252	32060	4.014	ng	# 92
92) Benzo(g,h,i)perylene	17.509	276	19072	2.343	ng	# 87

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

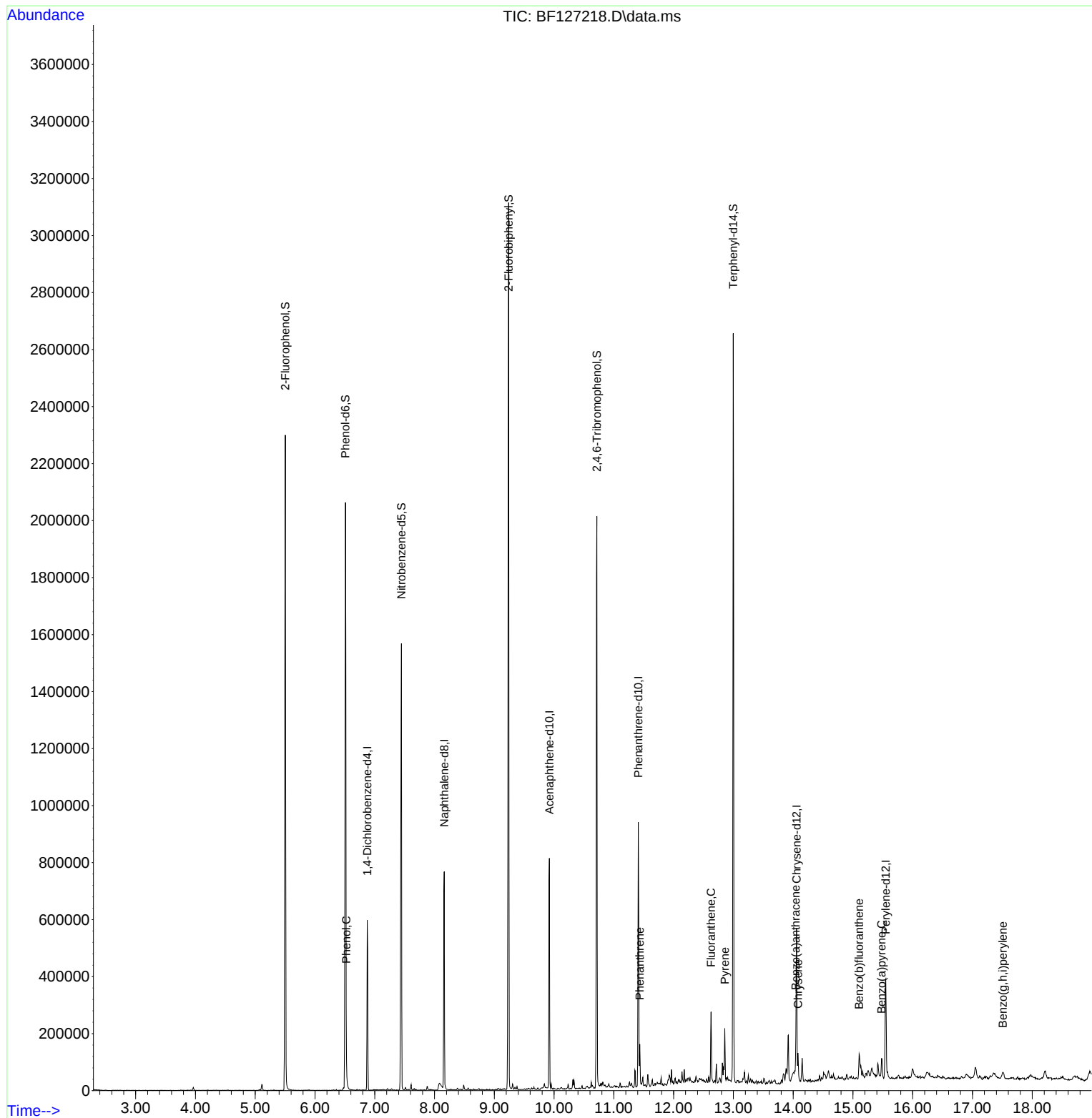
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127218.D
Acq On : 07 Mar 2022 12:32
Operator : CG\JU
Sample : N1751-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

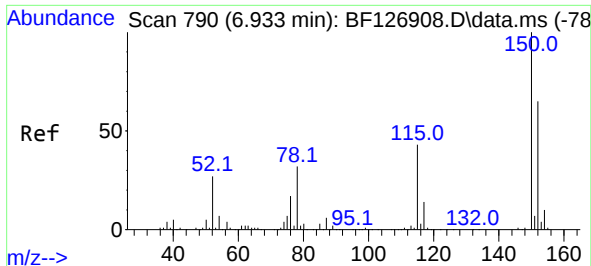
Instrument :
BNA_F
ClientSampleId :
DUM-13

Quant Time: Mar 07 14:58:10 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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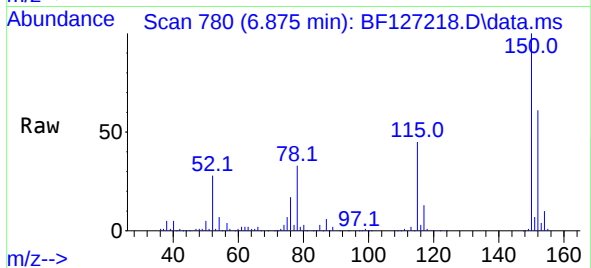
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

DUM-13

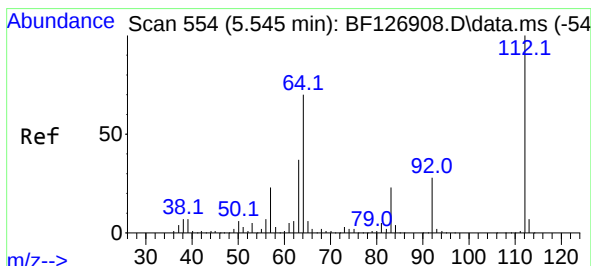
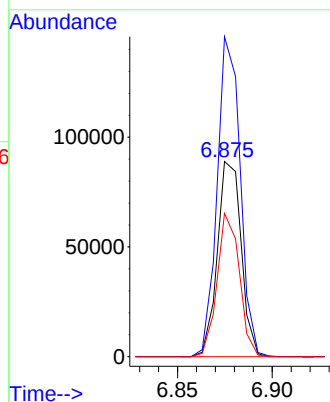


Tgt Ion:152 Resp: 77795
Ion Ratio Lower Upper
152 100
150 163.9 128.1 192.1
115 73.4 56.7 85.1

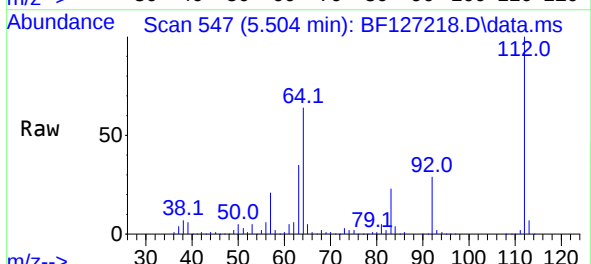
Manual Integrations

APPROVED

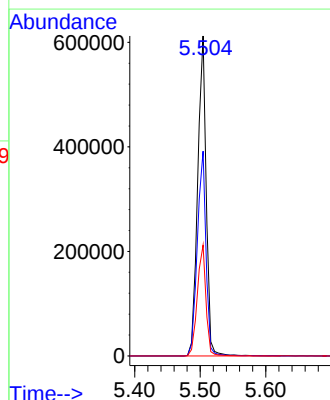
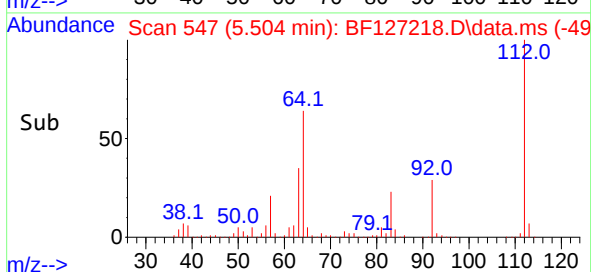
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

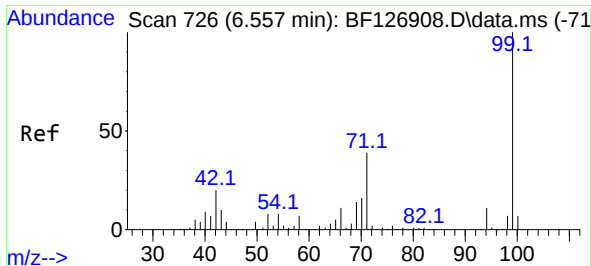


#5
2-Fluorophenol
Concen: 110.277 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32



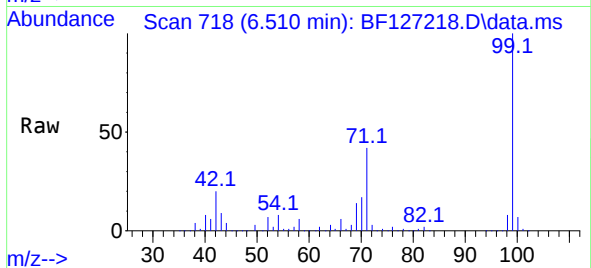
Tgt Ion:112 Resp: 555095
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 34.7 23.9 35.9





#7
Phenol-d6
Concen: 108.093 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

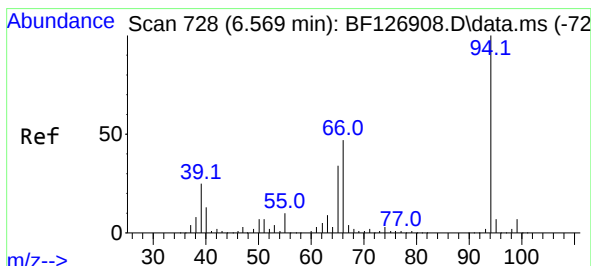
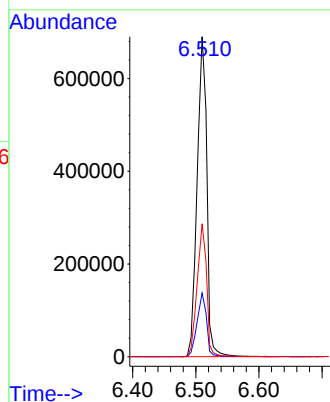
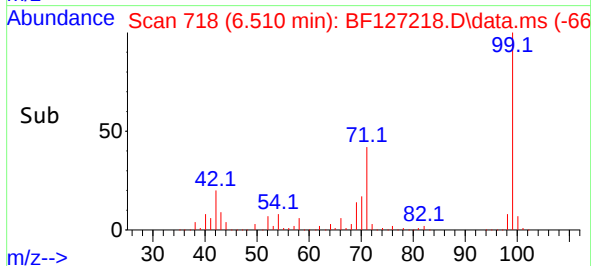
Instrument :
BNA_F
ClientSampleId :
DUM-13



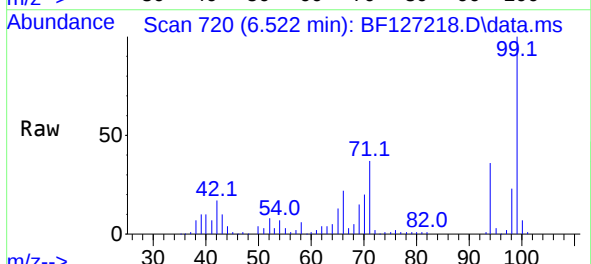
Tgt Ion: 99 Resp: 73418
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 41.6 24.3 36.5

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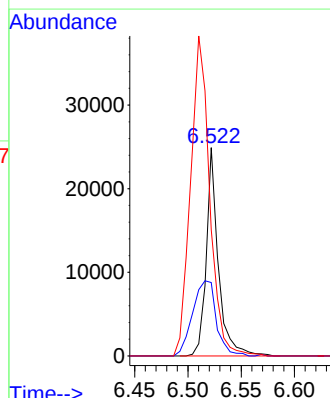
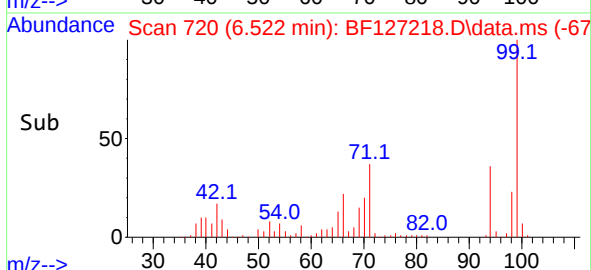
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

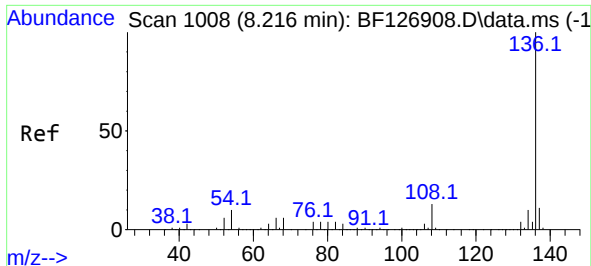


#10
Phenol
Concen: 2.868 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32



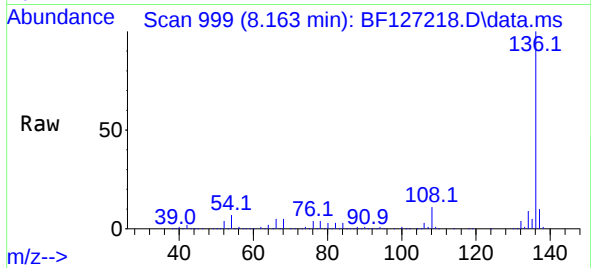
Tgt Ion: 94 Resp: 19682
Ion Ratio Lower Upper
94 100
65 35.3 7.2 47.2
66 60.6 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

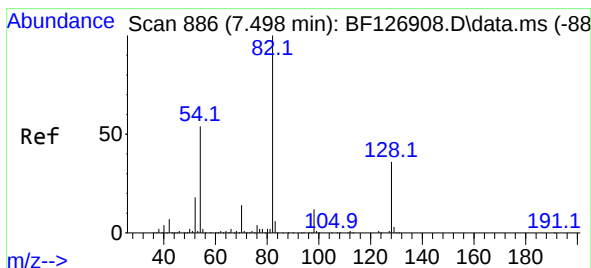
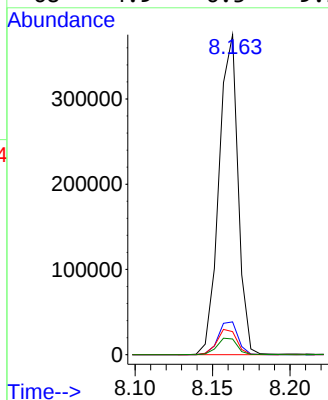
Instrument :
BNA_F
ClientSampleId :
DUM-13



Tgt Ion:136 Resp: 321590
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.2 7.8 11.6
68 4.9 6.3 9.5#

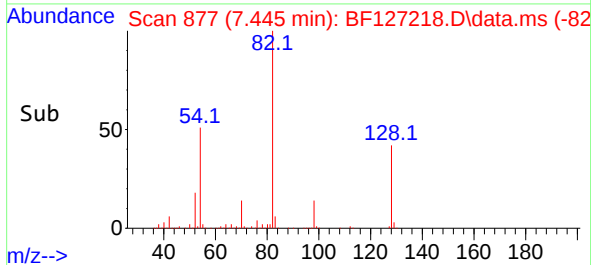
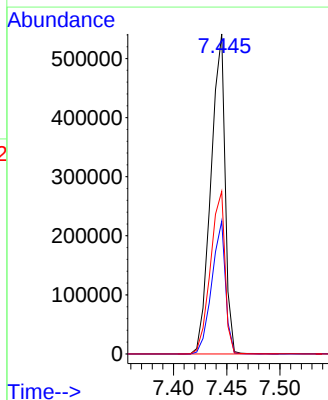
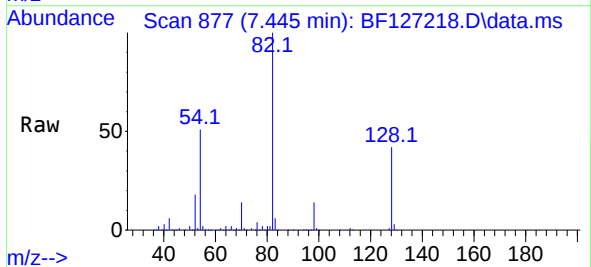
Manual Integrations
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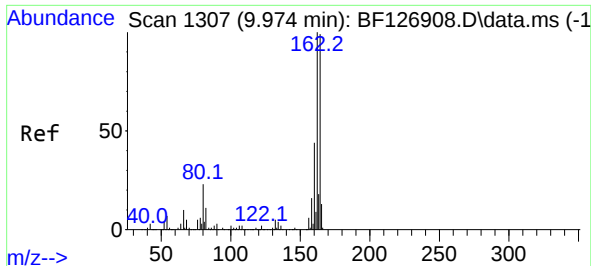
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#23
Nitrobenzene-d5
Concen: 70.988 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

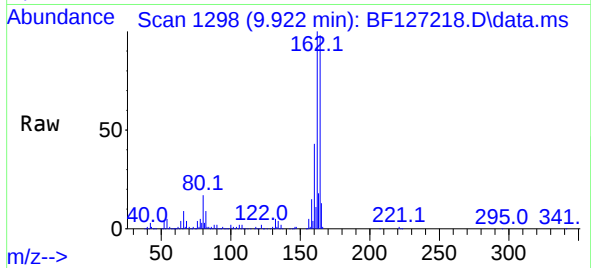
Tgt Ion: 82 Resp: 505767
Ion Ratio Lower Upper
82 100
128 41.5 32.7 49.1
54 50.8 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

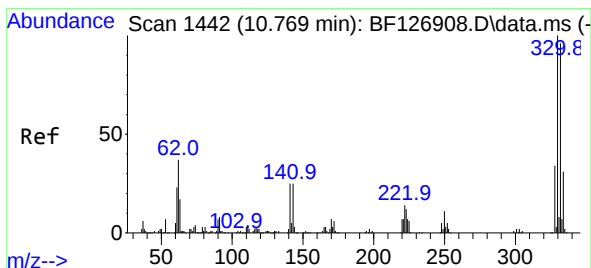
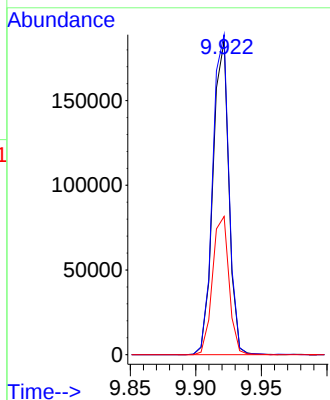
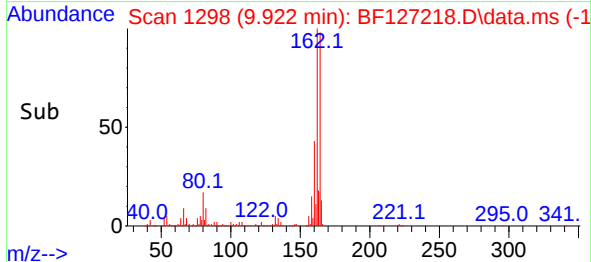
Instrument :
BNA_F
ClientSampleId :
DUM-13



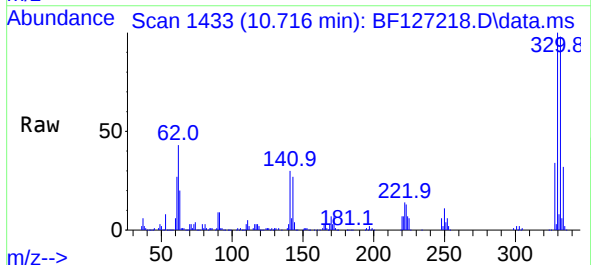
Tgt Ion:164 Resp: 15661
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.0 36.6 54.8

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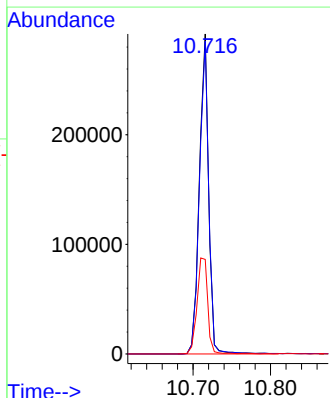
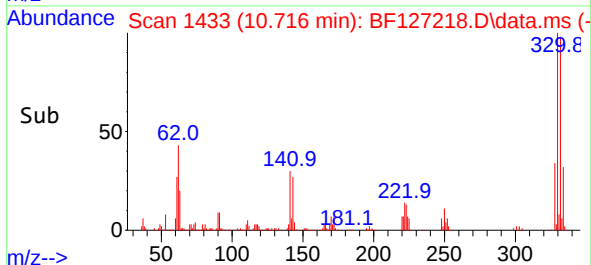
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

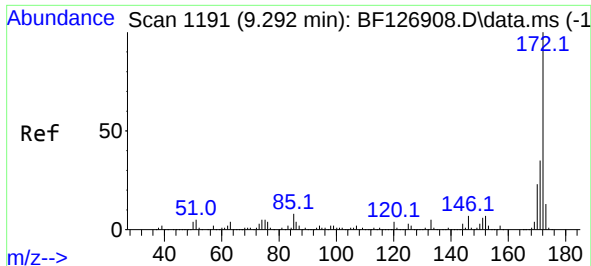


#42
2,4,6-Tribromophenol
Concen: 134.268 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32



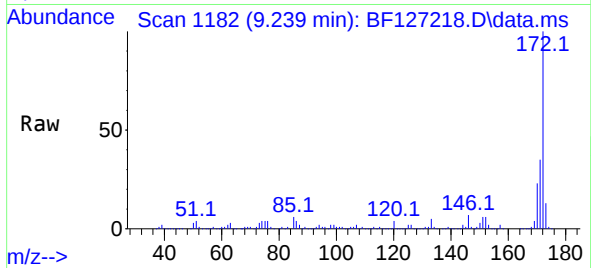
Tgt Ion:330 Resp: 242110
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 34.6 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 79.684 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

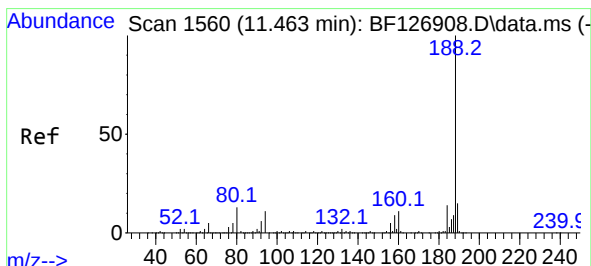
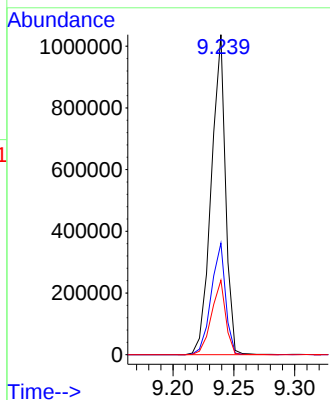
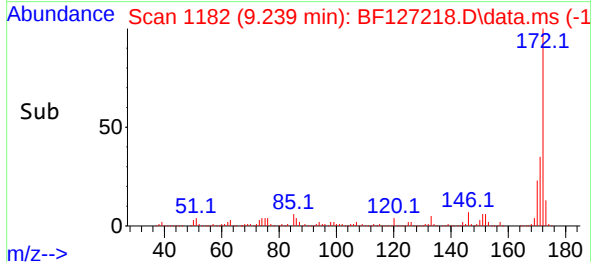
Instrument :
BNA_F
ClientSampleId :
DUM-13



Tgt Ion:172 Resp: 847711
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.3 19.0 28.6

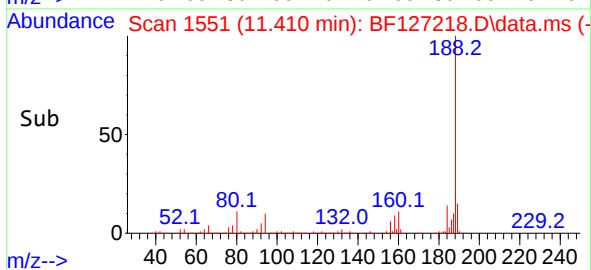
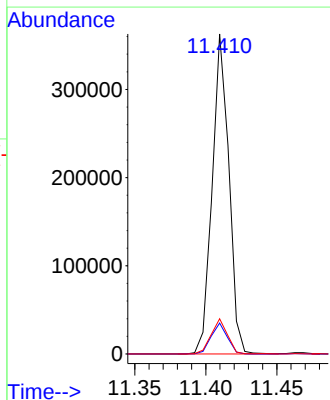
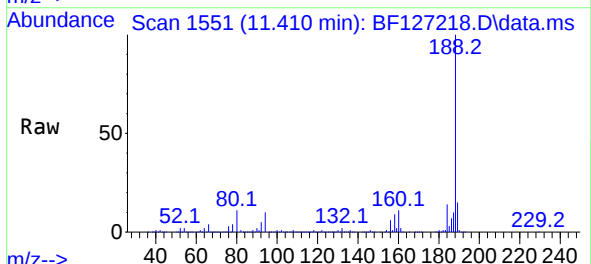
Manual Integrations
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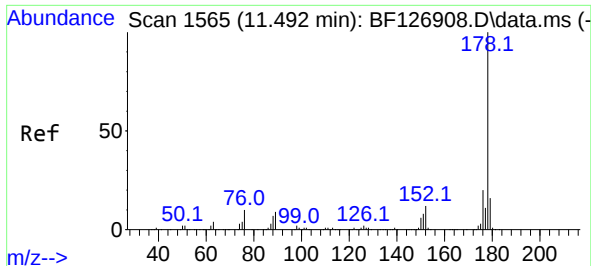
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

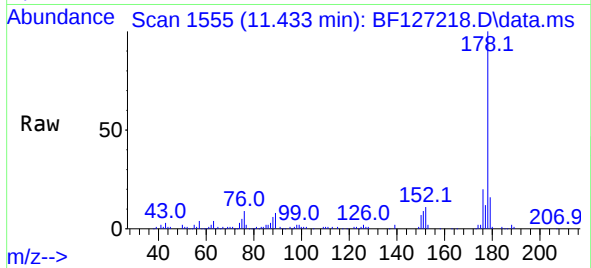
Tgt Ion:188 Resp: 296191
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 11.0 11.8 17.6#





#71
Phenanthrene
Concen: 2.597 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

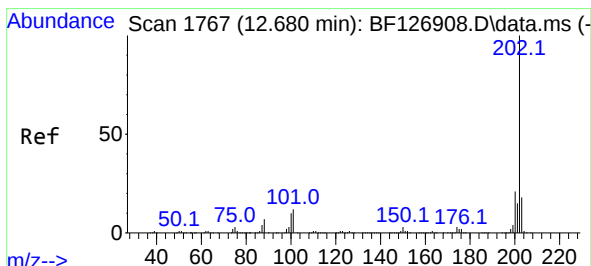
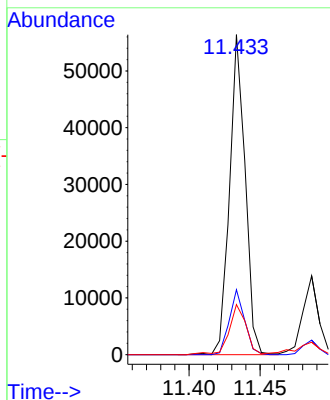
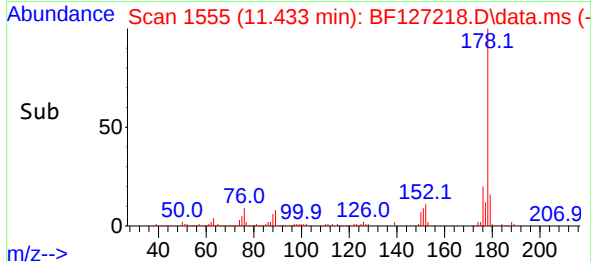
Instrument :
BNA_F
ClientSampleId :
DUM-13



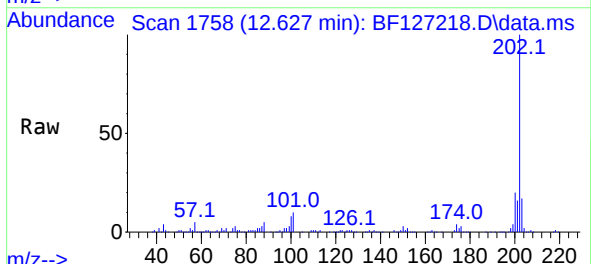
Tgt Ion:178 Resp: 43040
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.7 12.3 18.5

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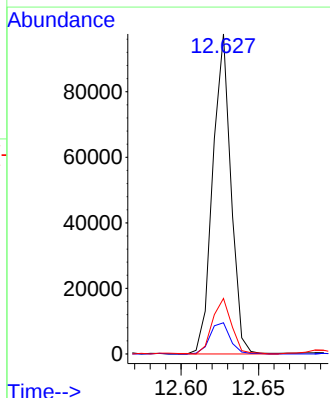
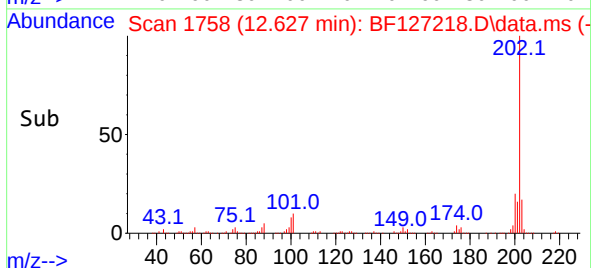
Reviewed By :Christian Giraldo 03/08/2022
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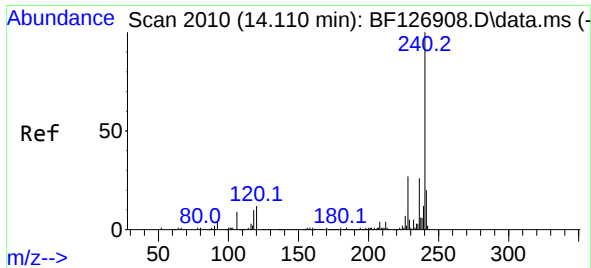


#75
Fluoranthene
Concen: 5.064 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32



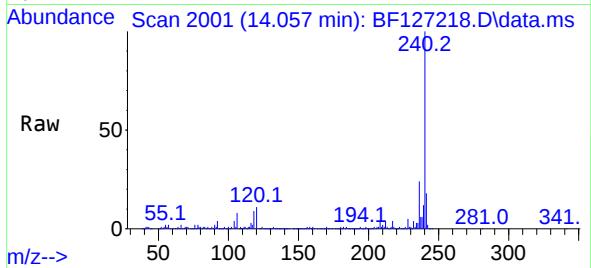
Tgt Ion:202 Resp: 79715
Ion Ratio Lower Upper
202 100
101 9.8 0.0 35.7
203 17.3 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

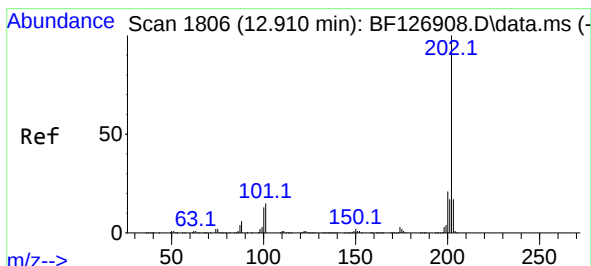
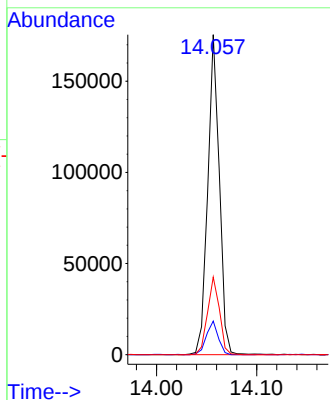
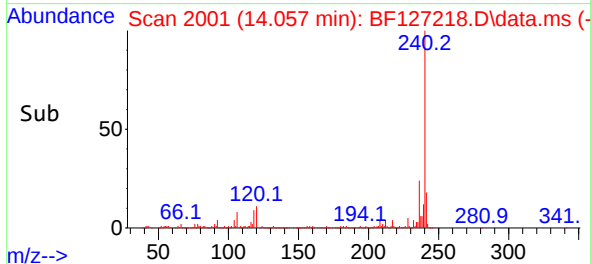
Instrument :
BNA_F
ClientSampleId :
DUM-13



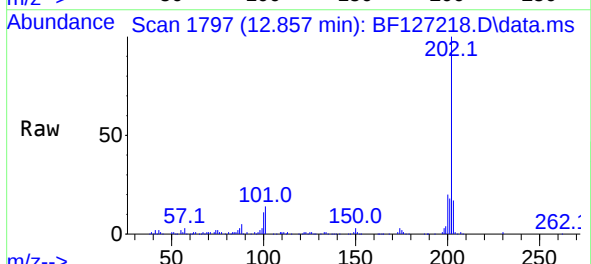
Tgt Ion:240 Resp: 141530
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6
236 24.2 20.5 30.7

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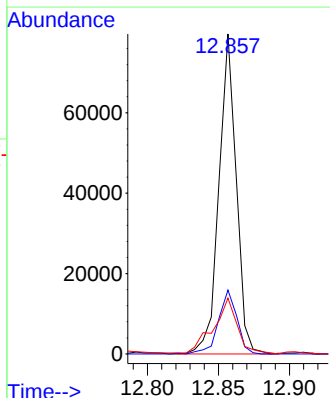
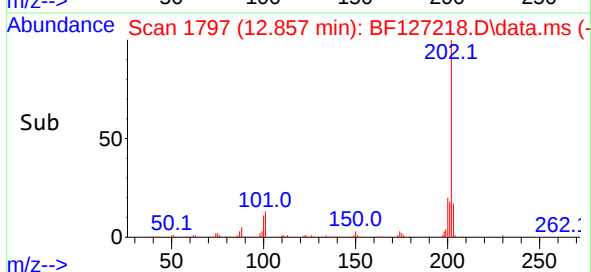
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

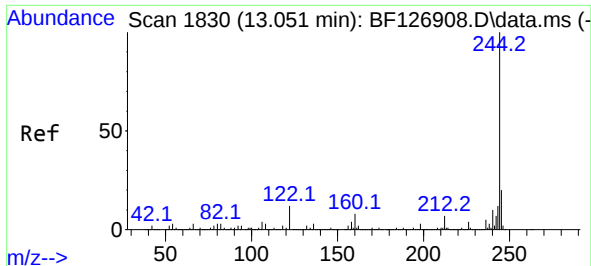


#78
Pyrene
Concen: 5.495 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32



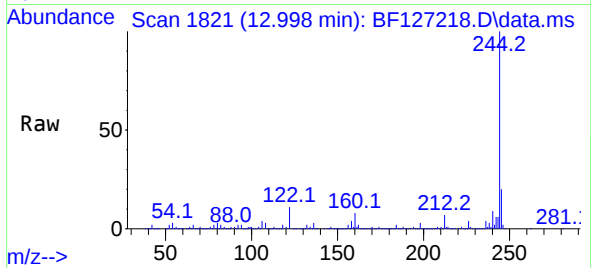
Tgt Ion:202 Resp: 67572
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 17.4 13.8 20.8





#79
 Terphenyl-d14
 Concen: 89.304 ng
 RT: 12.998 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: BF127218.D
 Acq: 07 Mar 2022 12:32

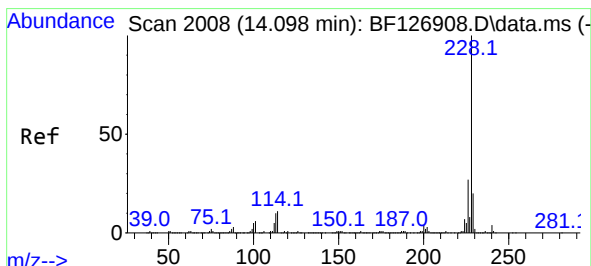
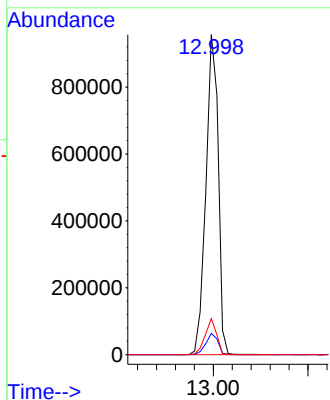
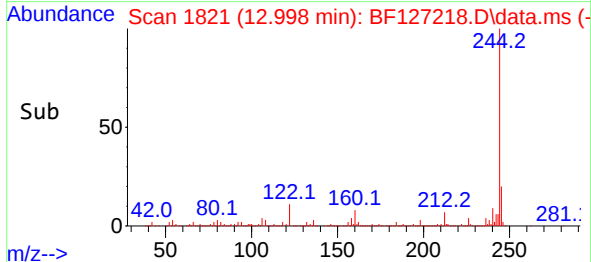
Instrument :
 BNA_F
 ClientSampleId :
 DUM-13



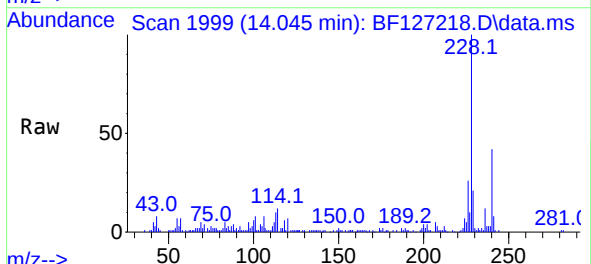
Tgt Ion:244 Resp: 859823
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.3 13.3 19.9

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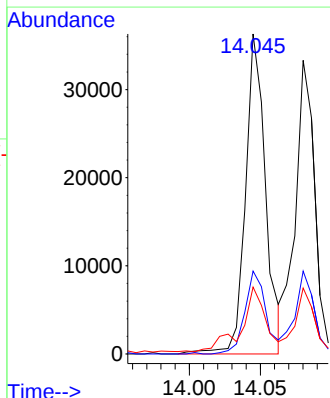
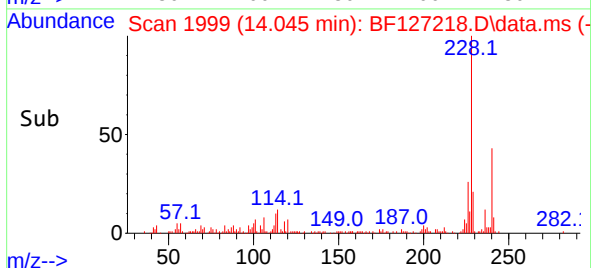
Reviewed By :Christian Giraldo 03/08/2022
 Supervised By :Jagrut Upadhyay 03/08/2022

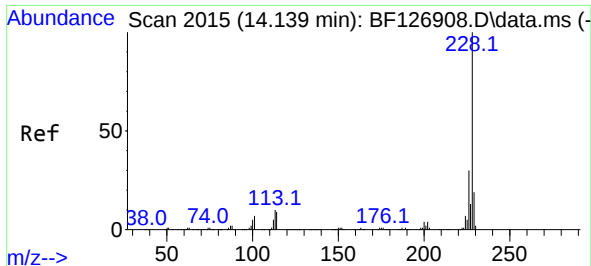


#81
 Benzo(a)anthracene
 Concen: 3.753 ng
 RT: 14.045 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: BF127218.D
 Acq: 07 Mar 2022 12:32



Tgt Ion:228 Resp: 35810
 Ion Ratio Lower Upper
 228 100
 226 25.9 21.4 32.0
 229 20.9 15.4 23.2





#83
Chrysene
Concen: 3.573 ng
RT: 14.080 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

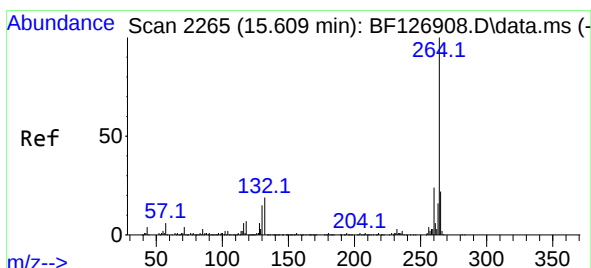
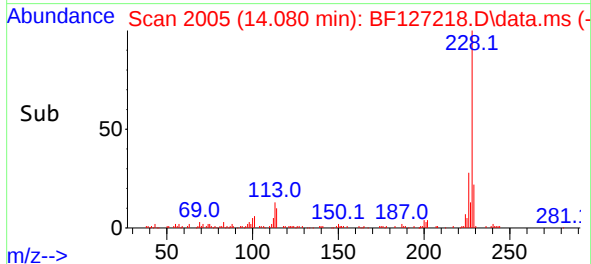
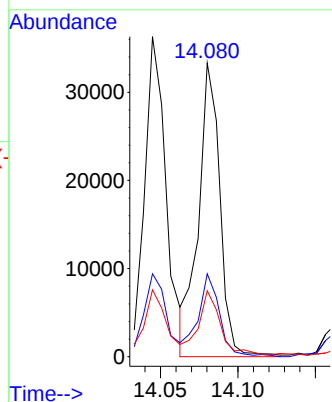
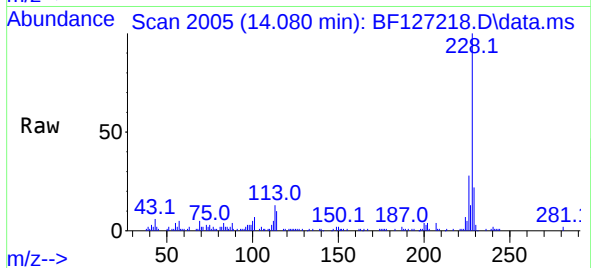
DUM-13

Tgt Ion:228 Resp: 32060
Ion Ratio Lower Upper
228 100
226 28.2 23.7 35.5
229 22.5 15.5 23.3

Manual Integrations

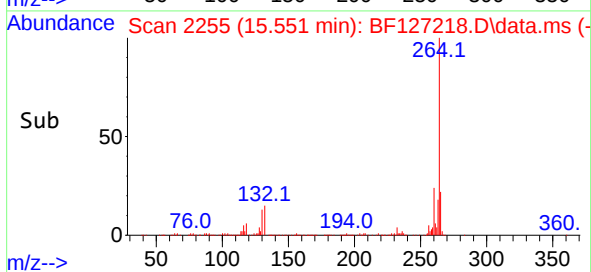
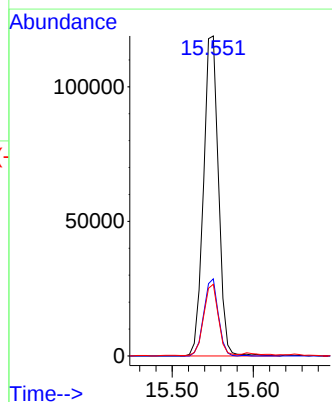
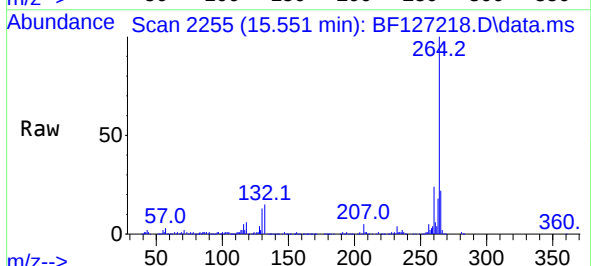
APPROVED

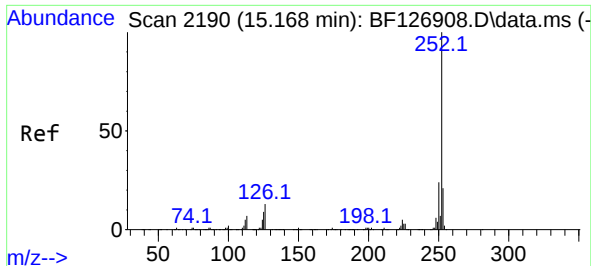
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

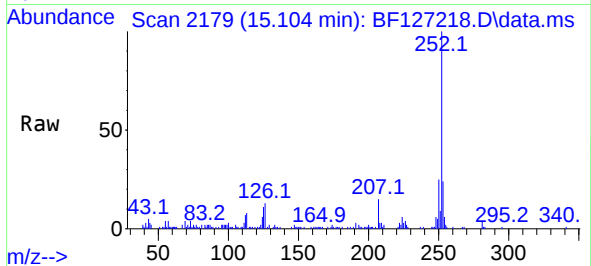
Tgt Ion:264 Resp: 152262
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.557 ng m
RT: 15.104 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32

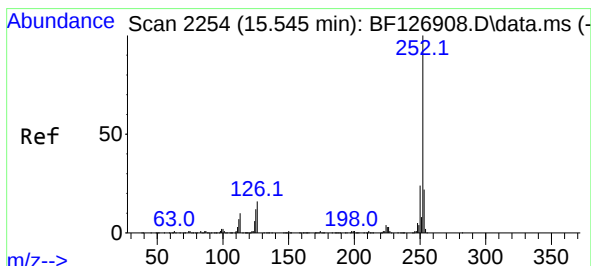
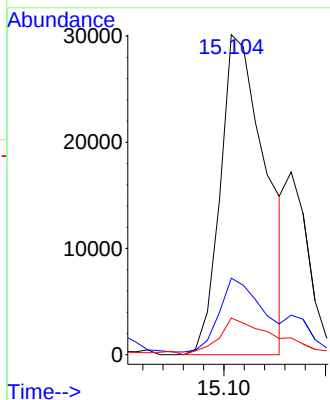
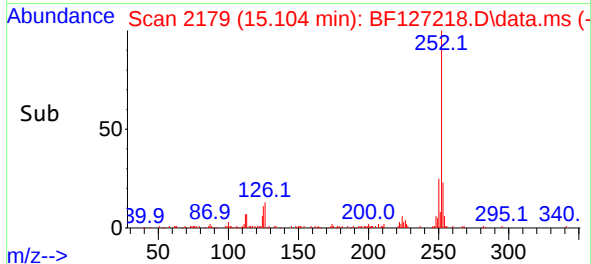
Instrument :
BNA_F
ClientSampleId :
DUM-13



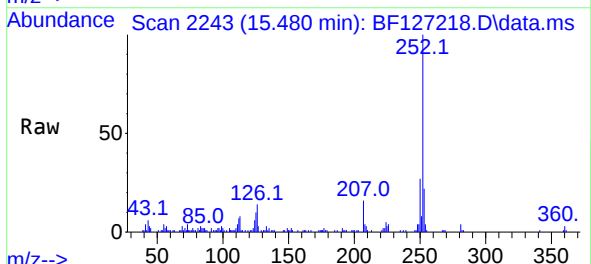
Tgt Ion:252 Resp: 4660
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 11.4 12.4 18.6

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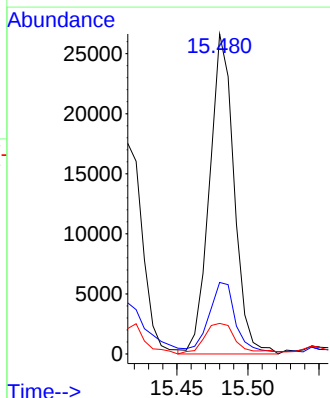
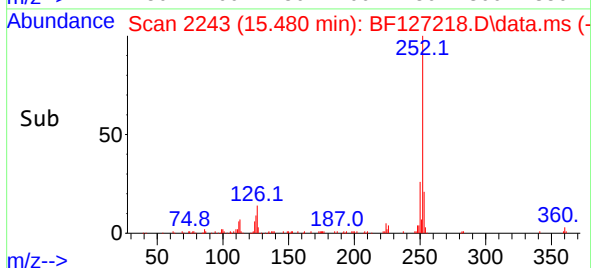
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

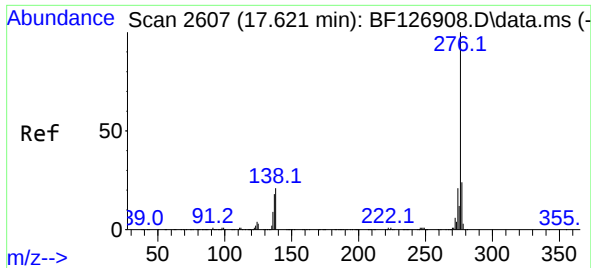


#90
Benzo(a)pyrene
Concen: 4.014 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF127218.D
Acq: 07 Mar 2022 12:32



Tgt Ion:252 Resp: 32060
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 9.5 13.0 19.6





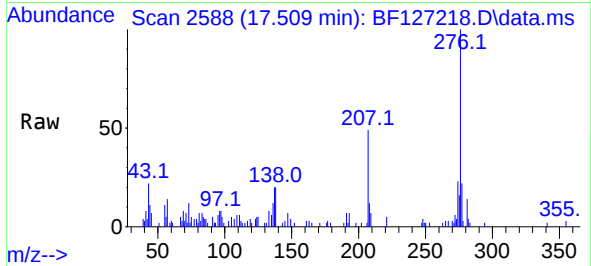
#92
 Benzo(g,h,i)perylene
 Concen: 2.343 ng
 RT: 17.509 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF127218.D
 Acq: 07 Mar 2022 12:32

Instrument :

BNA_F

ClientSampleId :

DUM-13



Tgt Ion:	276	Resp:	1907
Ion Ratio	Lower	Upper	
276	100		
277	22.1	18.5	27.7
138	20.2	25.9	38.9

Manual Integrations

APPROVED

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

