

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127048.D
 Acq On : 23 Feb 2022 19:30
 Operator : CG\JU
 Sample : N1628-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2022
 Supervised By : Jagrut Upadhyay 02/24/2022

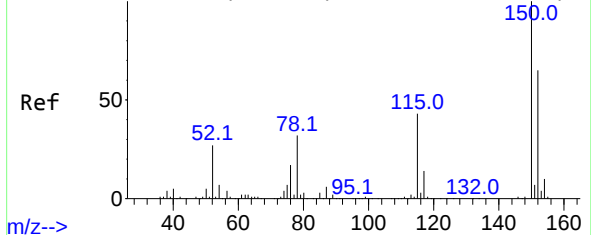
Quant Time: Feb 24 02:17:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

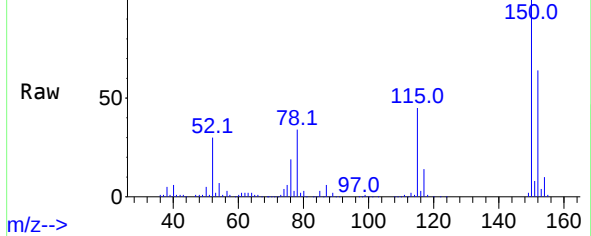
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	81648	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	300545	20.000	ng	# 0.01
39) Acenaphthene-d10	9.963	164	117997	20.000	ng	0.01
64) Phenanthrene-d10	11.457	188	168093	20.000	ng	# 0.01
76) Chrysene-d12	14.104	240	127473	20.000	ng	# 0.02
86) Perylene-d12	15.615	264	96965	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	28337	5.364	ng	0.01
7) Phenol-d6	6.539	99	206461	28.964	ng	0.00
23) Nitrobenzene-d5	7.475	82	230805	34.663	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	1474	1.085	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	326174	40.694	ng	0.00
79) Terphenyl-d14	13.039	244	237023	27.334	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.480	178	45041	4.787	ng	99
74) Di-n-butylphthalate	12.004	149	390531	35.367	ng	# 98
75) Fluoranthene	12.674	202	82324	9.215	ng	89
78) Pyrene	12.904	202	68851	6.217	ng	98
80) Butylbenzylphthalate	13.510	149	205530	39.202	ng	94
81) Benzo(a)anthracene	14.092	228	41790	4.863	ng	# 92
83) Chrysene	14.127	228	36192	4.478	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.062	149	53188	7.727	ng	# 93
88) Benzo(b)fluoranthene	15.162	252	37477m	5.755	ng	
90) Benzo(a)pyrene	15.545	252	21101	4.148	ng	# 1

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

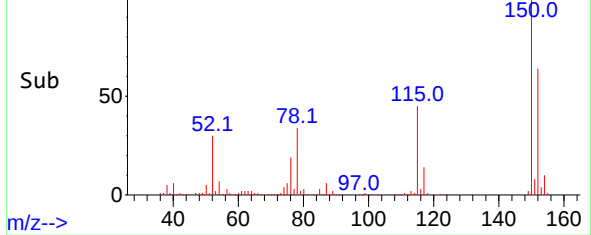
Abundance Scan 790 (6.933 min): BF126908.D\data.ms (-78



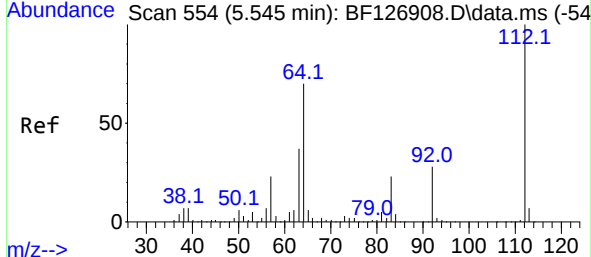
m/z--> Abundance Scan 787 (6.916 min): BF127048.D\data.ms



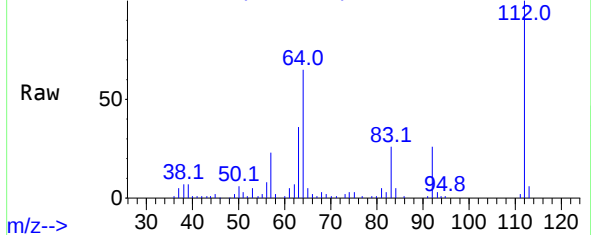
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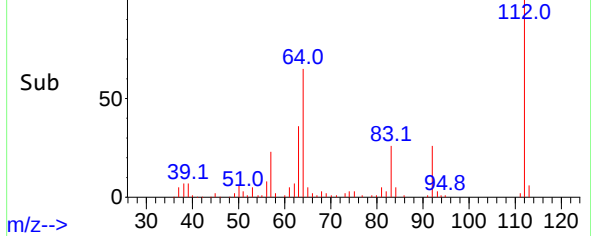
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m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms



m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50



m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50



m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50

m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50

m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50

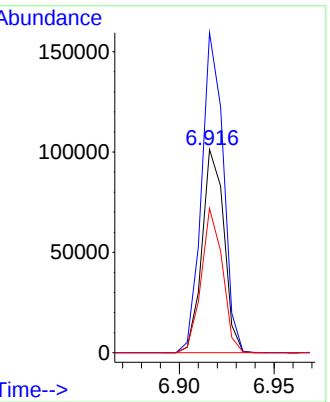
m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50

m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50

m/z--> Abundance Scan 553 (5.540 min): BF127048.D\data.ms (-50

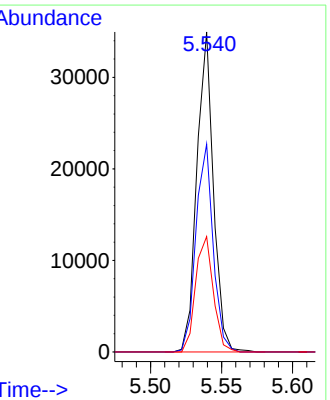
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion:152 Resp: 81648
Ion Ratio Lower Upper
152 100
150 157.4 128.1 192.1
115 71.0 56.7 85.1



#5
2-Fluorophenol
Concen: 5.364 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion:112 Resp: 28337
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 36.0 23.9 35.9



Instrument :

BNA_F

ClientSampleId :

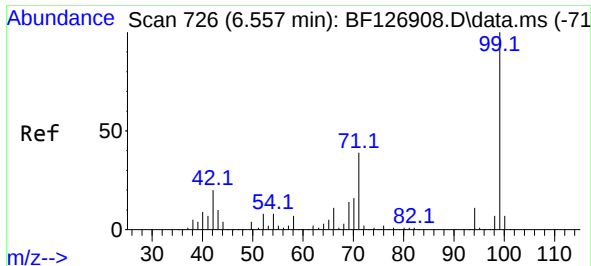
BP-3

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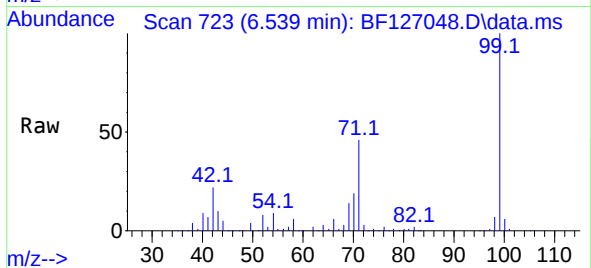
Reviewed By :Christian Giraldo 02/24/2022

Supervised By :Jagrut Upadhyay 02/24/2022



#7
Phenol-d6
Concen: 28.964 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

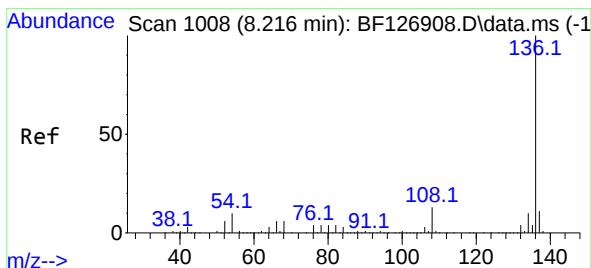
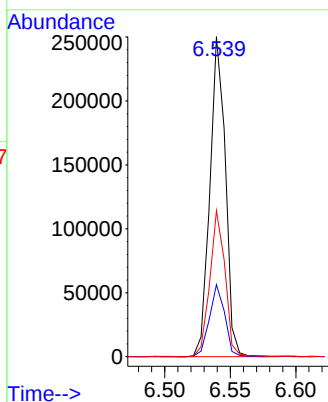
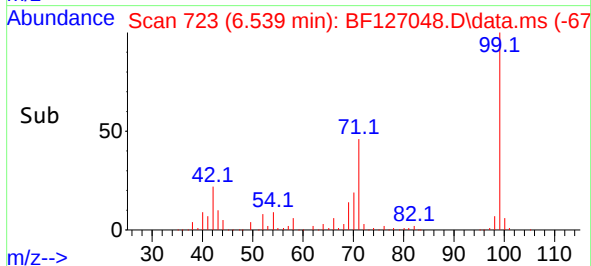
Instrument :
BNA_F
ClientSampleId :
BP-3



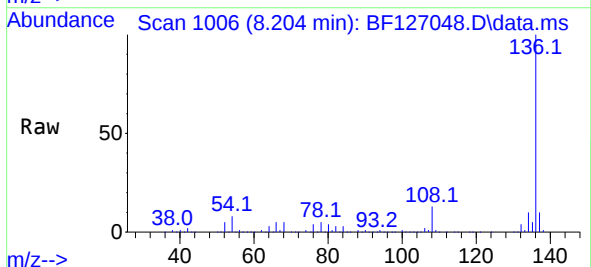
Tgt Ion: 99 Resp: 20646
Ion Ratio Lower Upper
99 100
42 22.5 14.2 21.4
71 45.6 24.3 36.5

Manual Integrations
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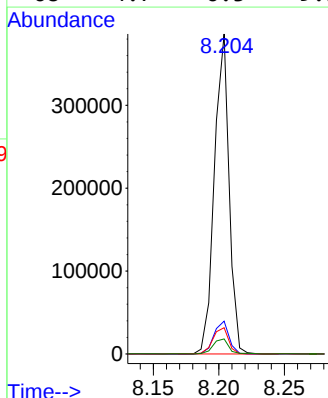
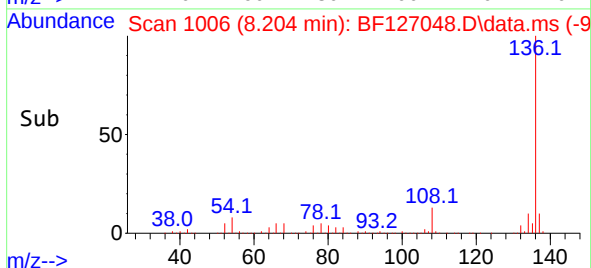
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30



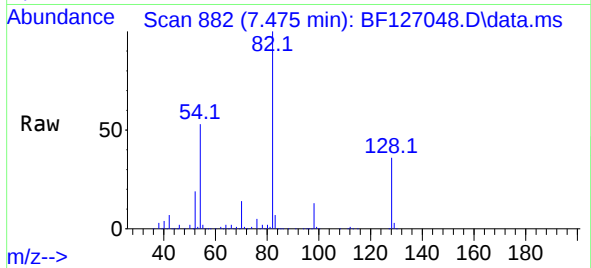
Tgt Ion:136 Resp: 300545
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.2 7.8 11.6
68 4.7 6.3 9.5





#23
Nitrobenzene-d5
Concen: 34.663 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

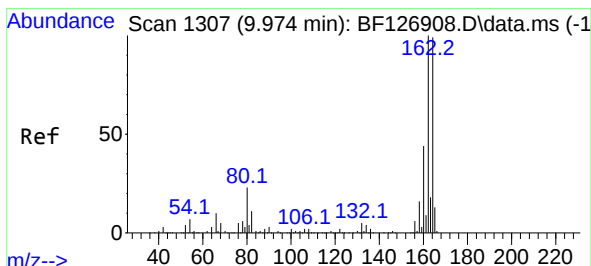
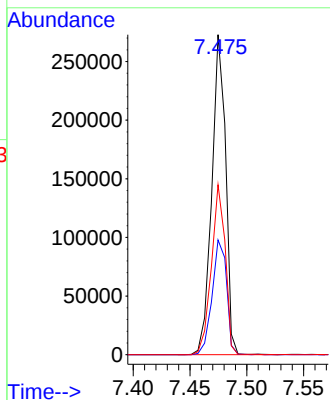
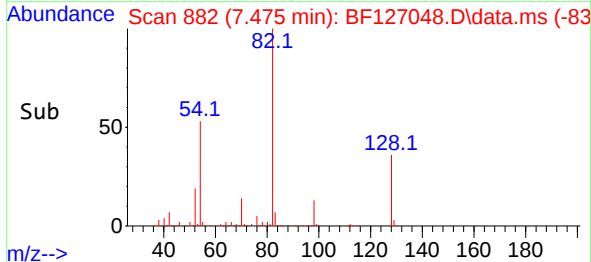
Instrument :
BNA_F
ClientSampleId :
BP-3



Tgt Ion: 82 Resp: 23080
Ion Ratio Lower Upper
82 100
128 35.8 32.7 49.1
54 53.1 41.7 62.5

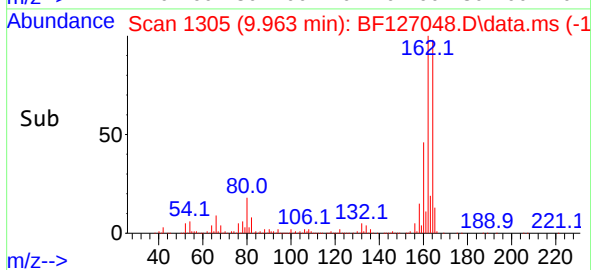
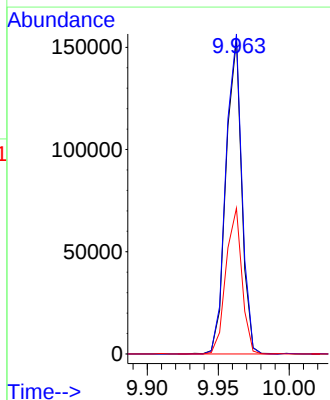
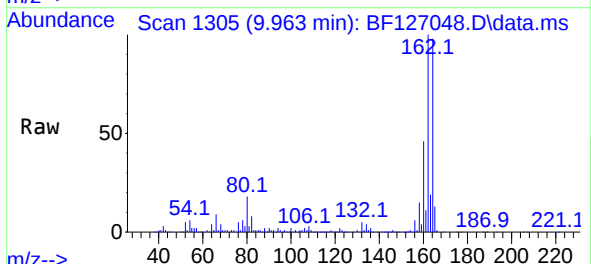
Manual Integrations
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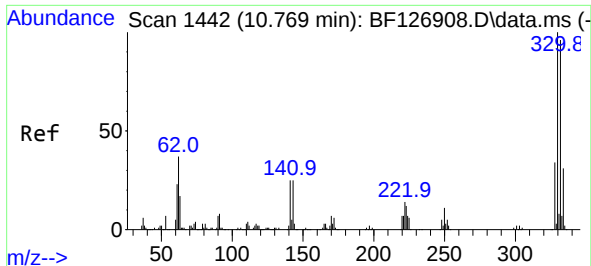
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

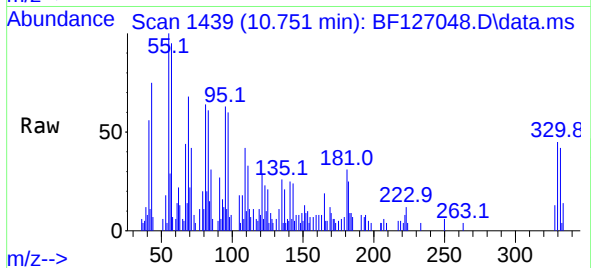
Tgt Ion:164 Resp: 117997
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 46.3 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 1.085 ng
RT: 10.751 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

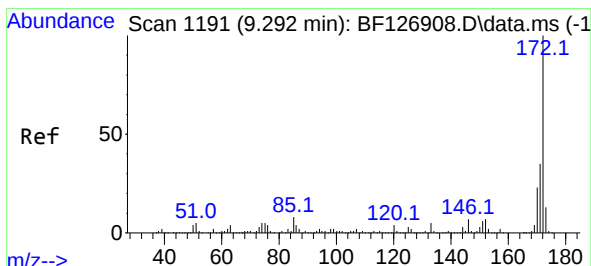
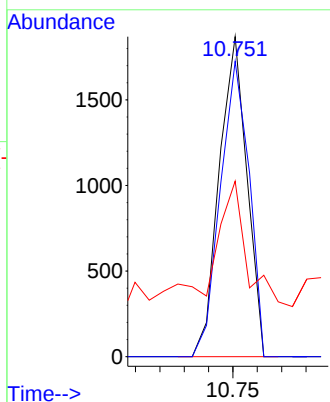
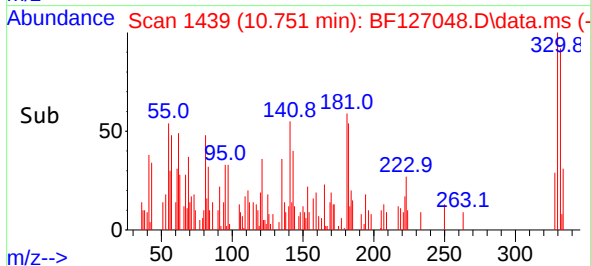
Instrument :
BNA_F
ClientSampleId :
BP-3



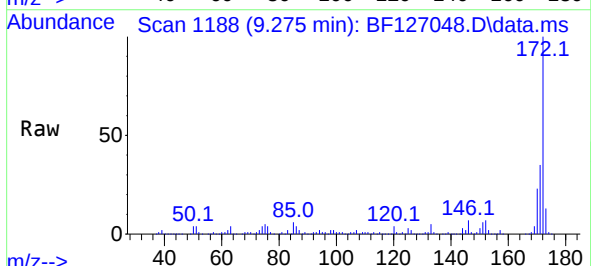
Tgt Ion: 330 Resp: 1474
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 71.2 30.1 45.1

Manual Integrations
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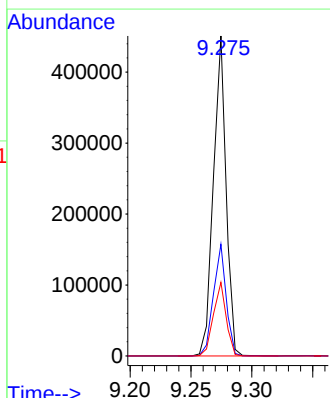
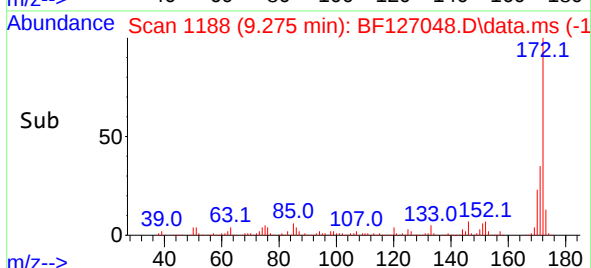
Reviewed By : Christian Giraldo 02/24/2022
Supervised By : Jagrut Upadhyay 02/24/2022

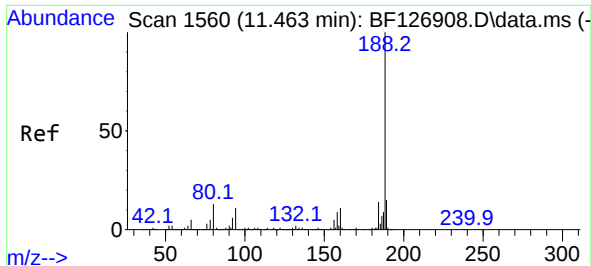


#45
2-Fluorobiphenyl
Concen: 40.694 ng
RT: 9.275 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30



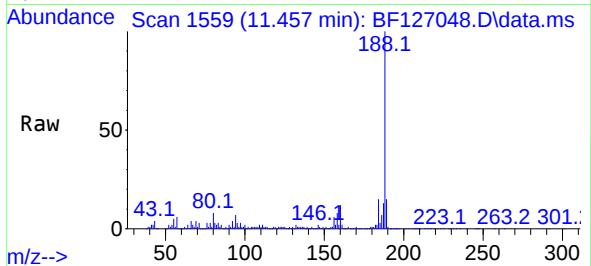
Tgt Ion: 172 Resp: 326174
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11457
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

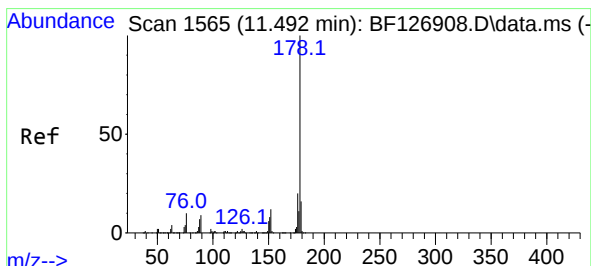
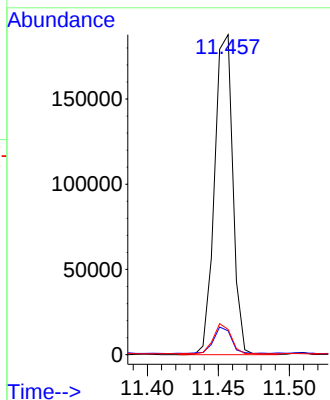
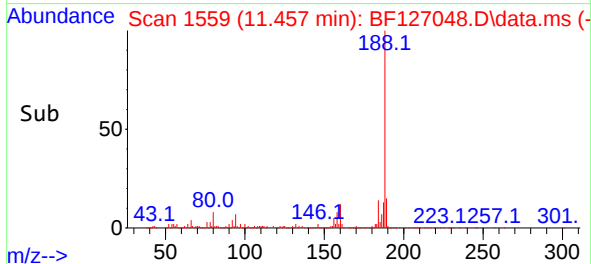
Instrument :
BNA_F
ClientSampleId :
BP-3



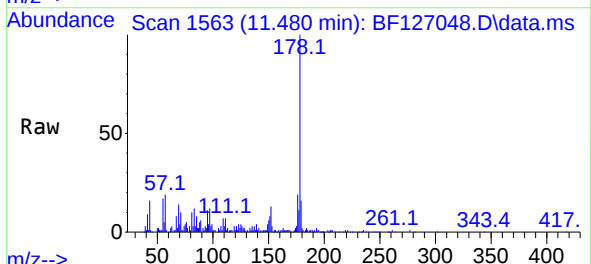
Tgt Ion:188 Resp: 16809
Ion Ratio Lower Upper
188 100
94 7.5 10.1 15.1
80 7.9 11.8 17.6

Manual Integrations
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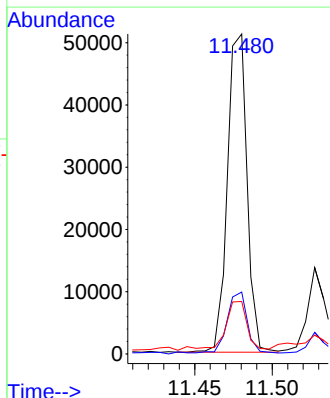
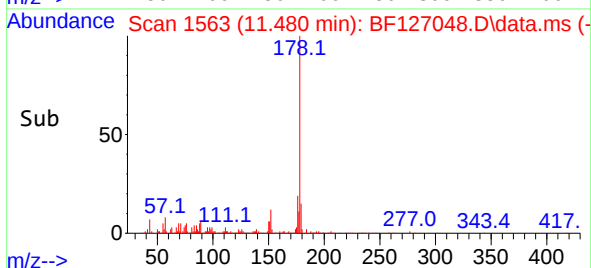
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

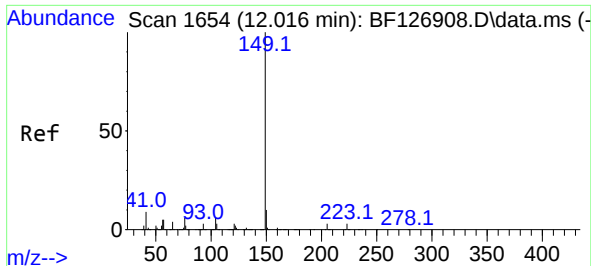


#71
Phenanthrene
Concen: 4.787 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30



Tgt Ion:178 Resp: 45041
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.4 12.3 18.5





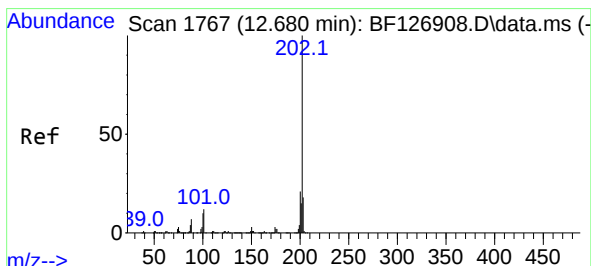
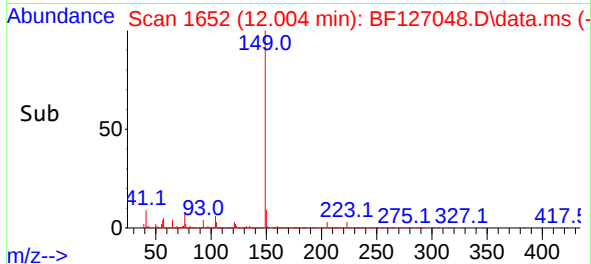
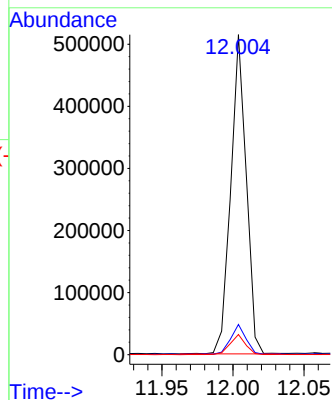
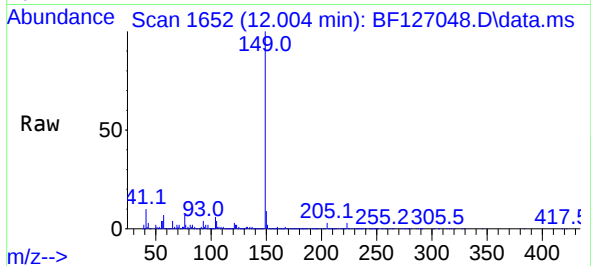
#74
Di-n-butylphthalate
Concen: 35.367 ng
RT: 12.004 min Scan# 1652
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Instrument :
BNA_F
ClientSampleId :
BP-3

Tgt Ion:149 Resp: 39053
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 6.3 4.2 6.2

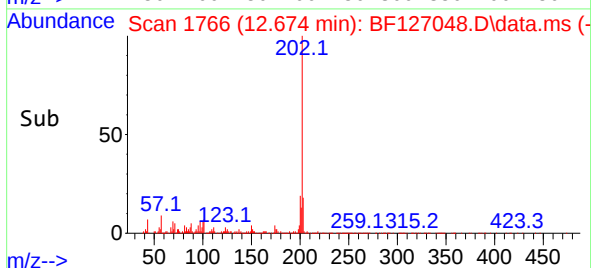
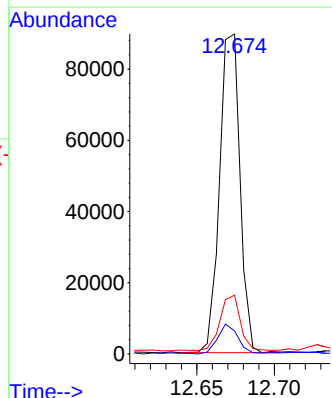
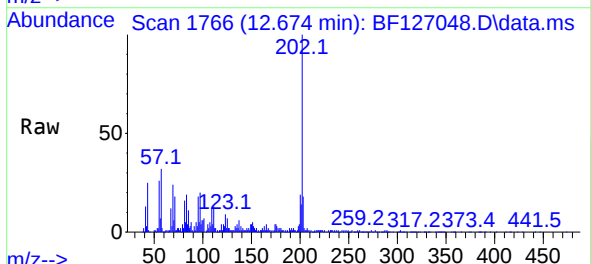
Manual Integrations
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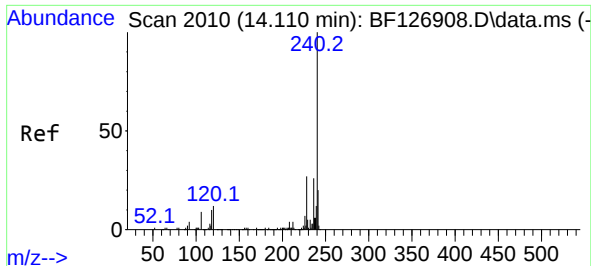
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#75
Fluoranthene
Concen: 9.215 ng
RT: 12.674 min Scan# 1766
Delta R.T. 0.018 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion:202 Resp: 82324
Ion Ratio Lower Upper
202 100
101 7.1 0.0 35.7
203 18.3 0.0 37.1





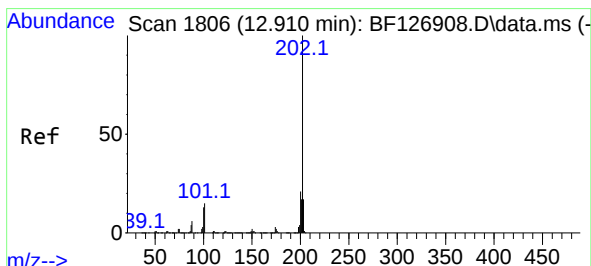
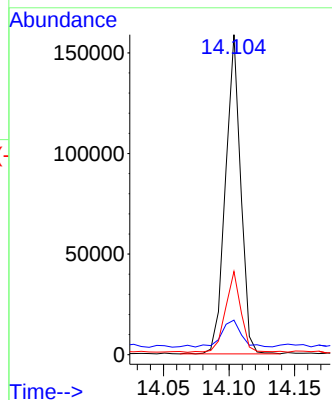
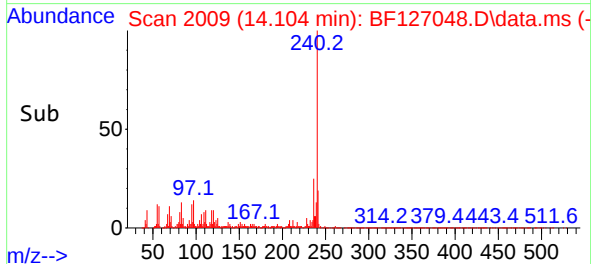
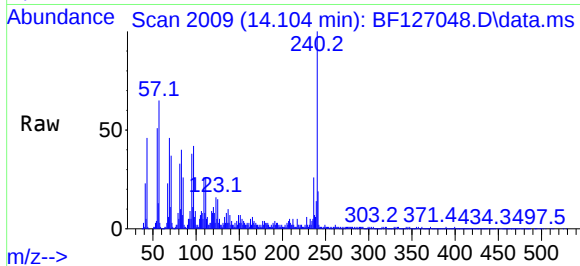
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Instrument :
BNA_F
ClientSampleId :
BP-3

Tgt Ion:240 Resp: 12747
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6
236 26.0 20.5 30.7

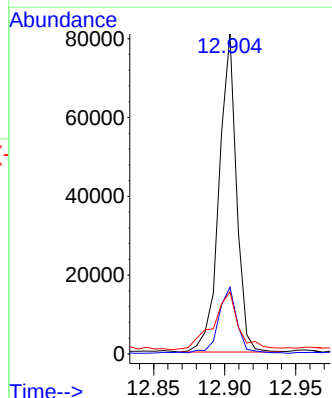
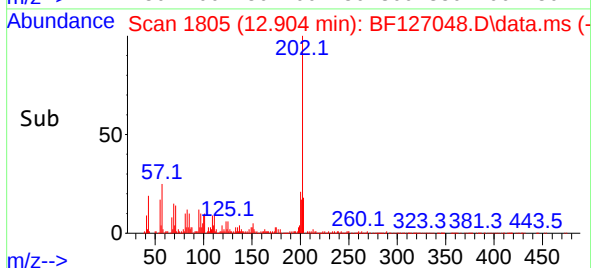
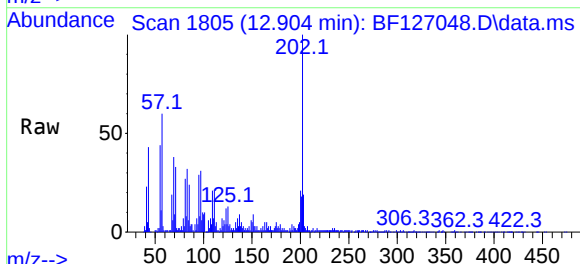
Manual Integrations
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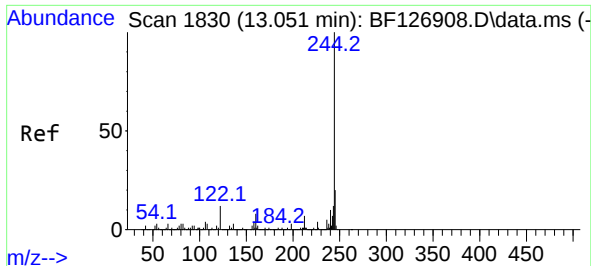
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#78
Pyrene
Concen: 6.217 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

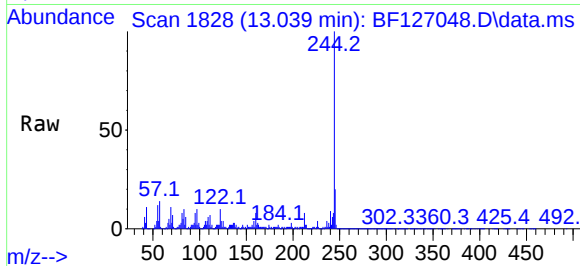
Tgt Ion:202 Resp: 68851
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 19.4 13.8 20.8





#79
Terphenyl-d14
Concen: 27.334 ng
RT: 13.039 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

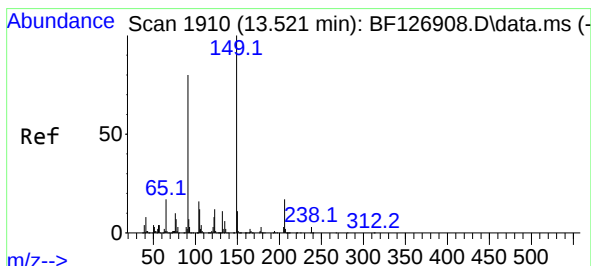
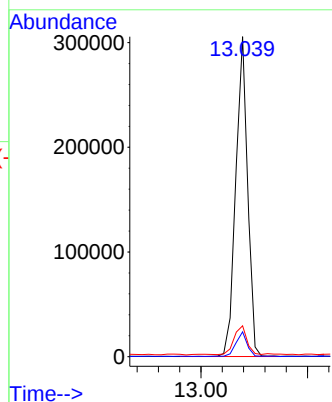
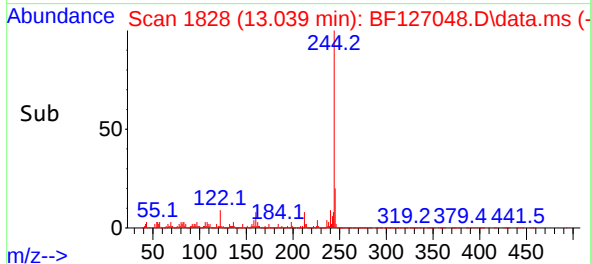
Instrument :
BNA_F
ClientSampleId :
BP-3



Tgt Ion:244 Resp: 23702
Ion Ratio Lower Upper
244 100
212 7.8 5.0 7.4
122 9.6 13.3 19.9

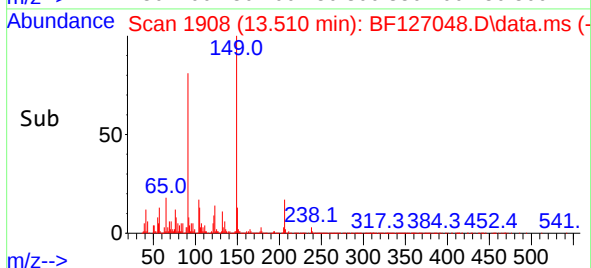
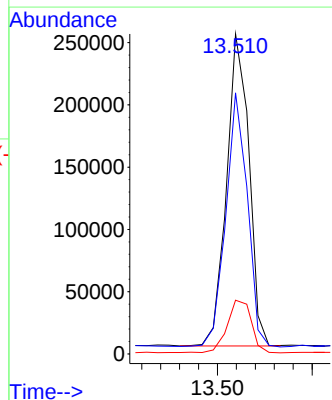
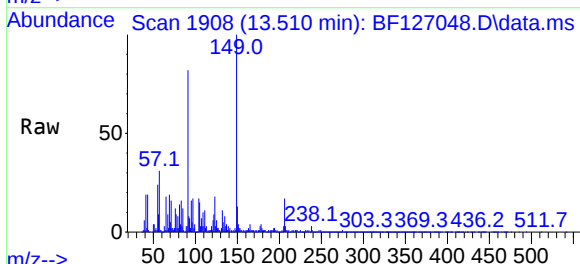
Manual Integrations
APPROVED

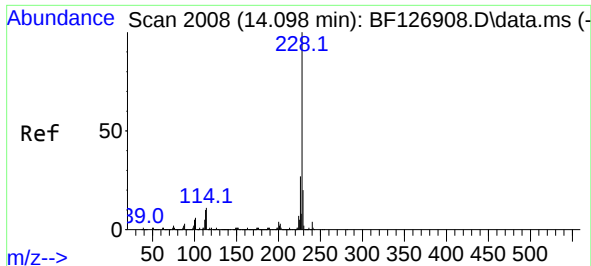
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#80
Butylbenzylphthalate
Concen: 39.202 ng
RT: 13.510 min Scan# 1908
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

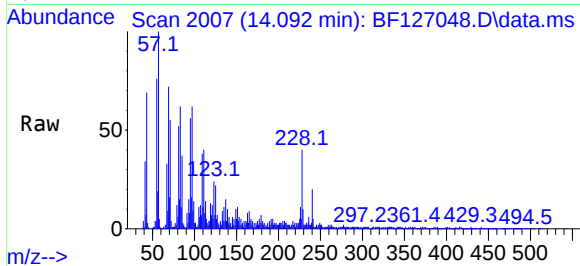
Tgt Ion:149 Resp: 205530
Ion Ratio Lower Upper
149 100
91 81.6 70.5 105.7
206 16.8 12.6 19.0





#81
Benzo(a)anthracene
Concen: 4.863 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

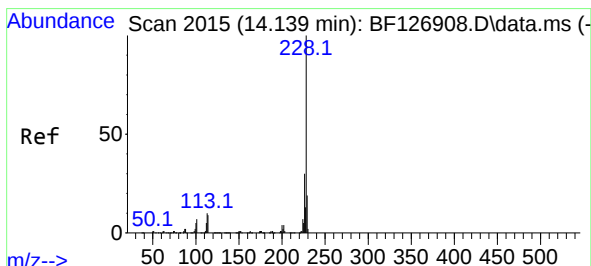
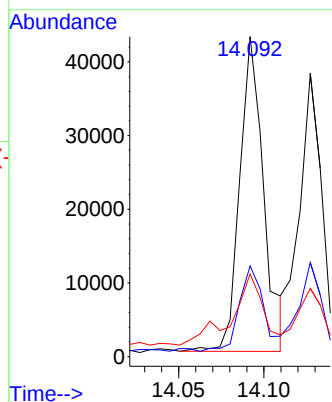
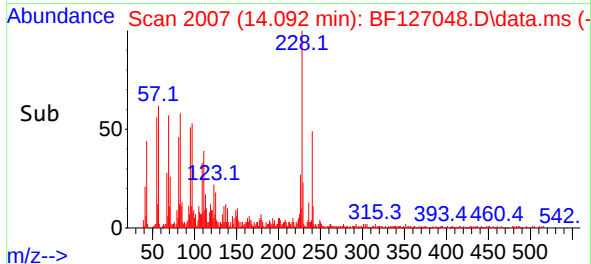
Instrument :
BNA_F
ClientSampleId :
BP-3



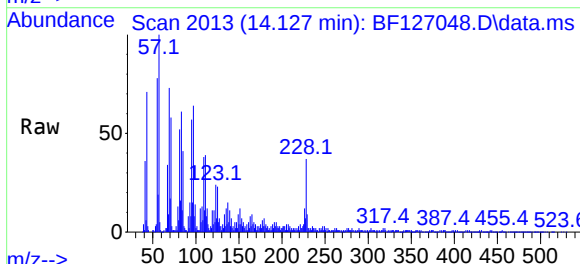
Tgt Ion:228 Resp: 41790
Ion Ratio Lower Upper
228 100
226 28.4 21.4 32.0
229 25.9 15.4 23.2

Manual Integrations
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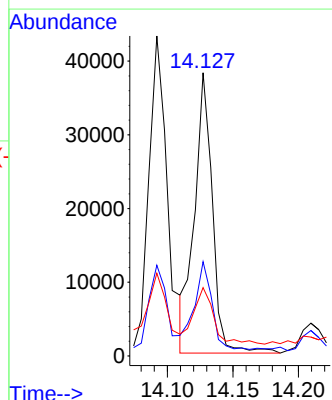
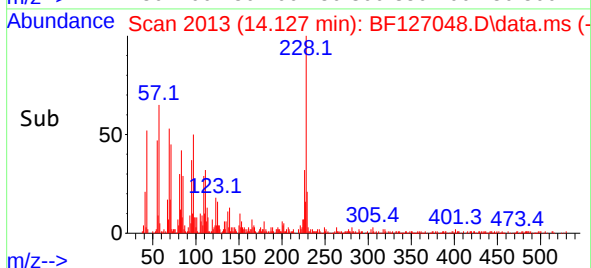
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

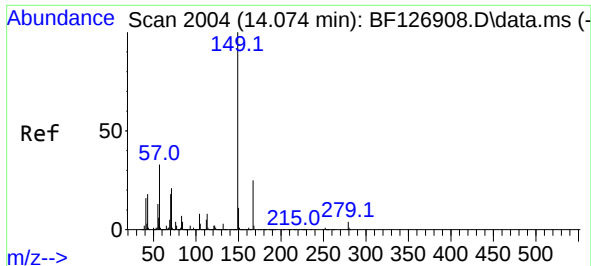


#83
Chrysene
Concen: 4.478 ng
RT: 14.127 min Scan# 2013
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30



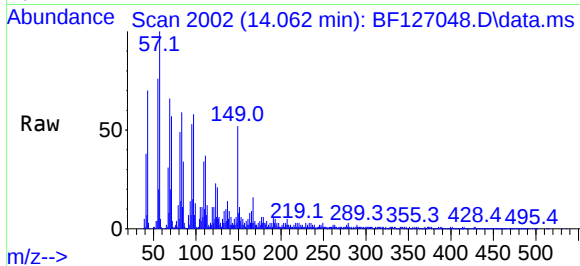
Tgt Ion:228 Resp: 36192
Ion Ratio Lower Upper
228 100
226 33.3 23.7 35.5
229 24.1 15.5 23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 7.727 ng
RT: 14.062 min Scan# 2004
Delta R.T. 0.012 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

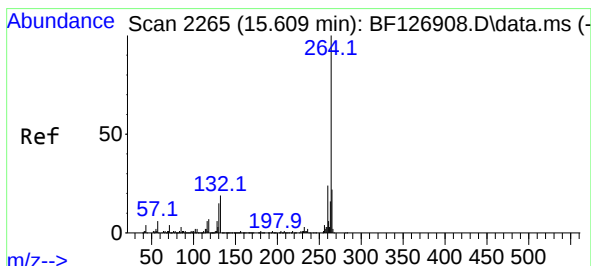
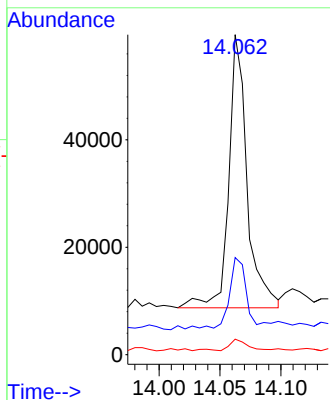
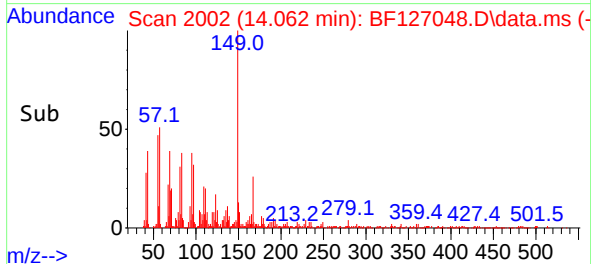
Instrument :
BNA_F
ClientSampleId :
BP-3



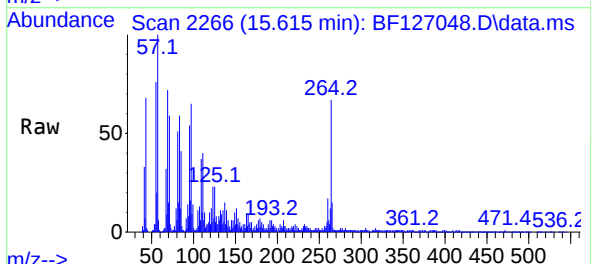
Tgt Ion:149 Resp: 5318
Ion Ratio Lower Upper
149 100
167 30.3 21.4 32.2
279 4.9 2.4 3.6

Manual Integrations
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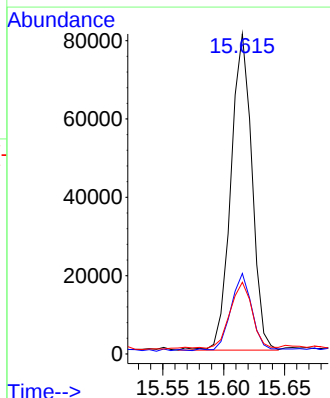
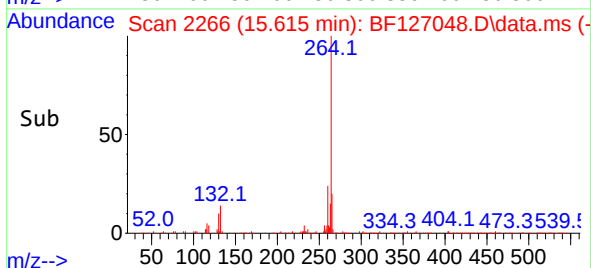
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

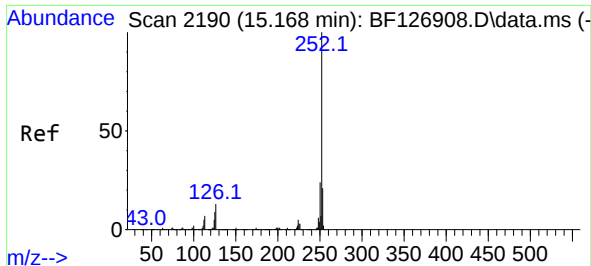


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2266
Delta R.T. 0.029 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30



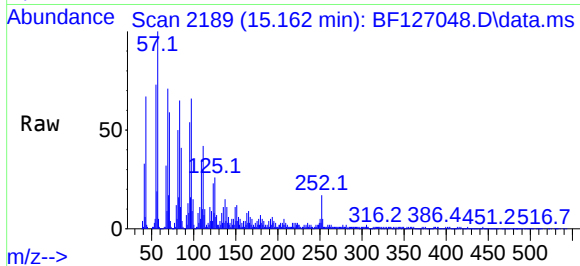
Tgt Ion:264 Resp: 96965
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 22.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 5.755 ng m
RT: 15.162 min Scan# 2190
Delta R.T. 0.018 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

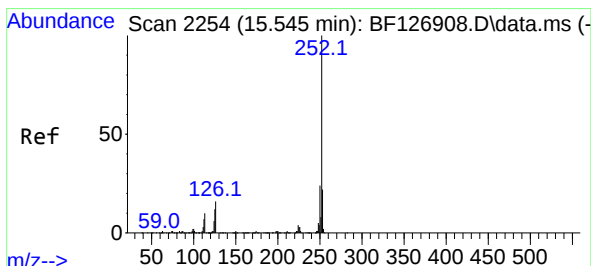
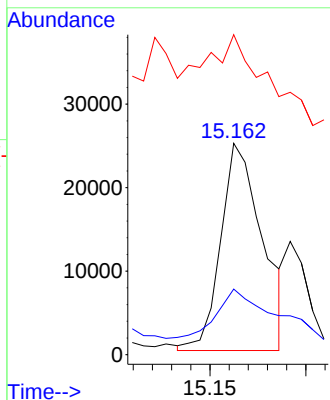
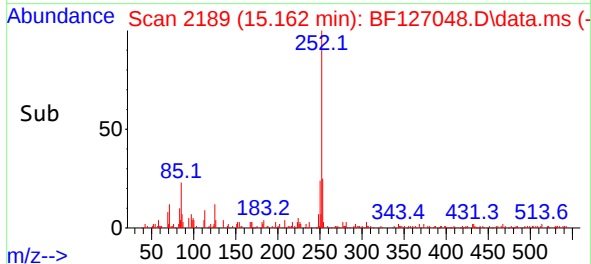
Instrument :
BNA_F
ClientSampleId :
BP-3



Tgt Ion:252 Resp: 3747
Ion Ratio Lower Upper
252 100
253 31.1 17.8 26.8#
125 151.4 12.4 18.6#

Manual Integrations
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Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#90
Benzo(a)pyrene
Concen: 4.148 ng
RT: 15.545 min Scan# 2254
Delta R.T. 0.024 min
Lab File: BF127048.D
Acq: 23 Feb 2022 19:30

Tgt Ion:252 Resp: 21101
Ion Ratio Lower Upper
252 100
253 30.5 17.1 25.7#
125 157.1 13.0 19.6#

