

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127964.D
 Acq On : 28 Apr 2022 00:12
 Operator : CG\JU
 Sample : N2479-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB4-041922-0-5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 28 05:18:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	105289	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394893	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	207376	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	314590	20.000	ng	0.00
76) Chrysene-d12	14.104	240	197526	20.000	ng	-0.01
86) Perylene-d12	15.615	264	243994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	734187	111.066	ng	0.00
7) Phenol-d6	6.551	99	963567	112.338	ng	-0.01
23) Nitrobenzene-d5	7.492	82	693741	82.611	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	202680	97.088	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1092622	89.134	ng	0.00
79) Terphenyl-d14	13.051	244	807053	74.711	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.486	178	118870	7.219	ng	97
75) Fluoranthene	12.674	202	113382	6.542	ng	99
78) Pyrene	12.910	202	92547	5.804	ng	99
81) Benzo(a)anthracene	14.098	228	45528	3.458	ng	99
83) Chrysene	14.133	228	41045	3.264	ng	97
88) Benzo(b)fluoranthene	15.168	252	51924m	3.388	ng	
90) Benzo(a)pyrene	15.551	252	42975	3.381	ng	98

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

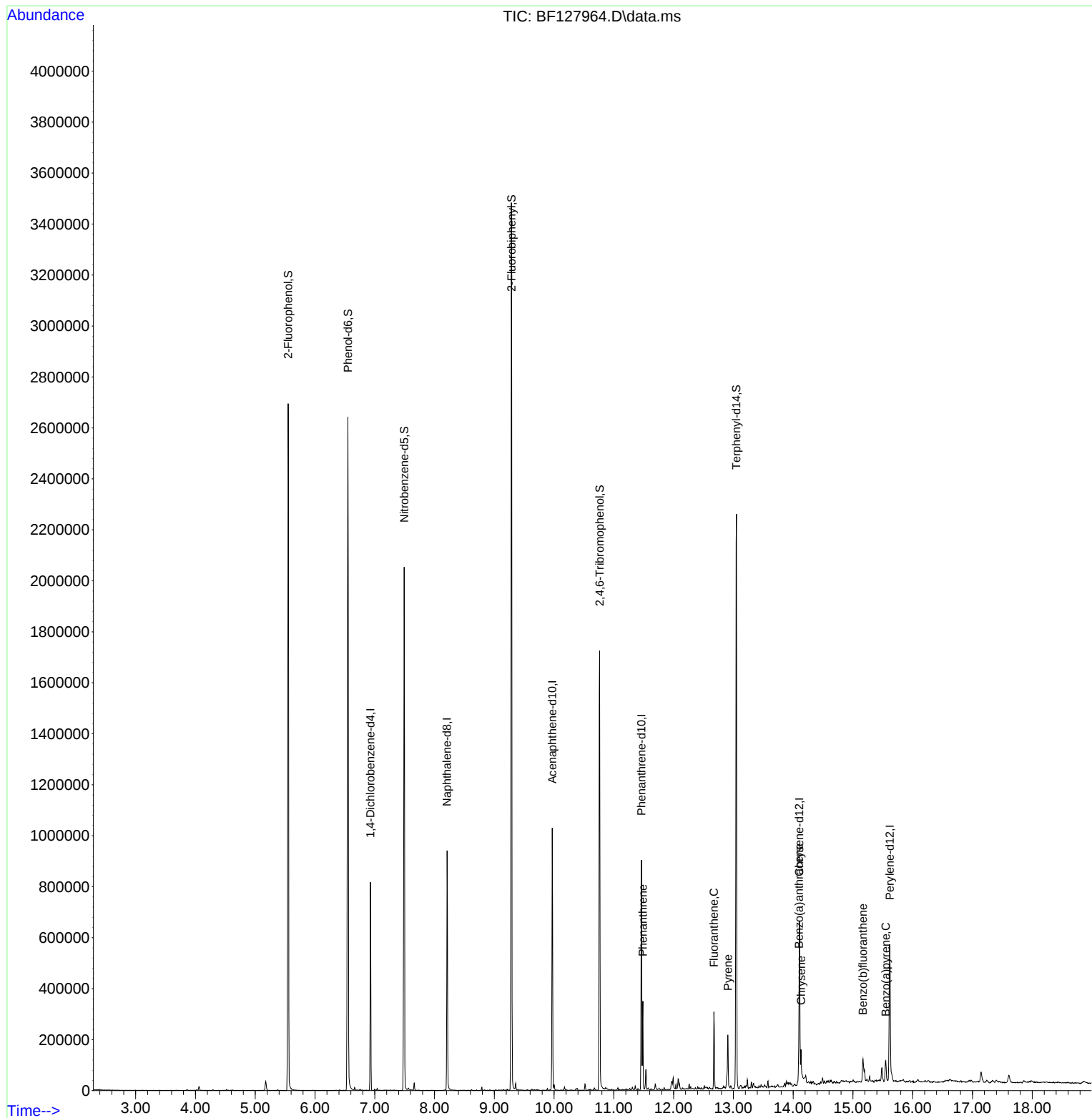
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127964.D
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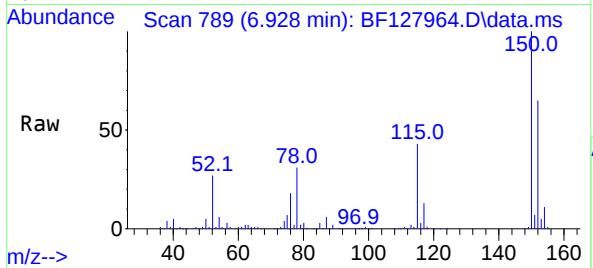
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

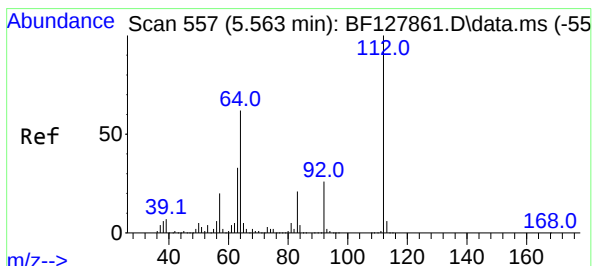
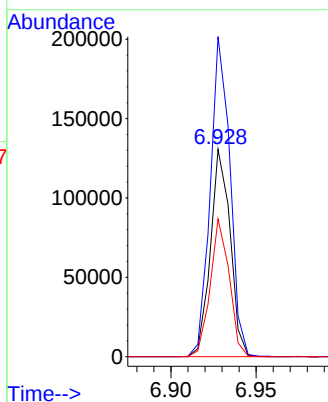
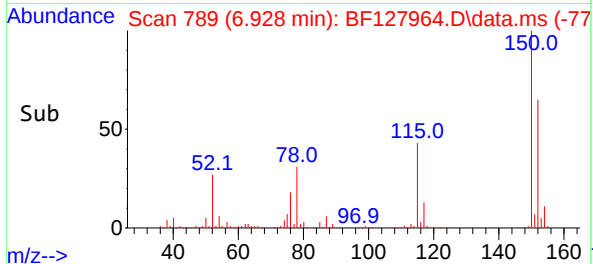
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5



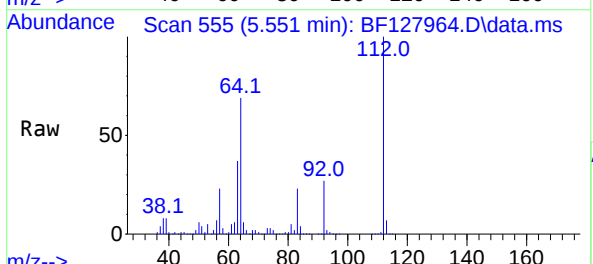
Tgt Ion:152 Resp: 105289
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 66.5 48.8 73.2

Manual Integrations
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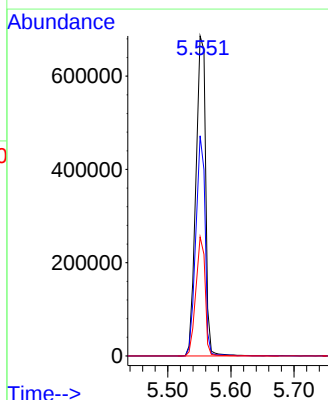
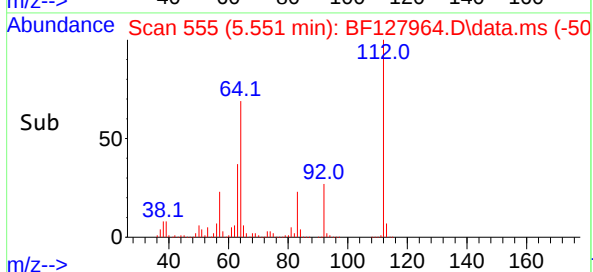
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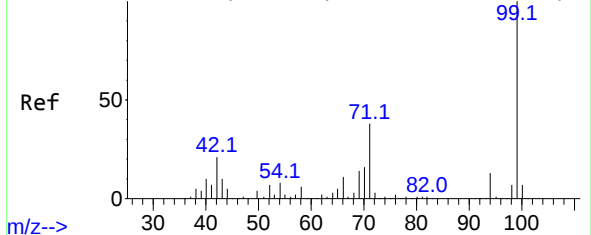
#5
2-Fluorophenol
Concen: 111.066 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12



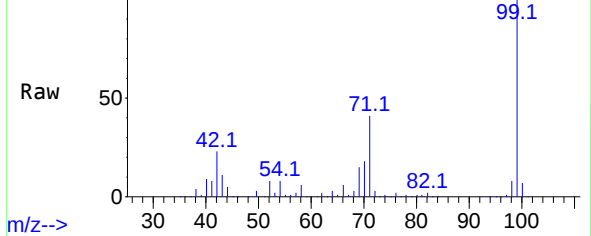
Tgt Ion:112 Resp: 734187
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 37.2 26.3 39.5



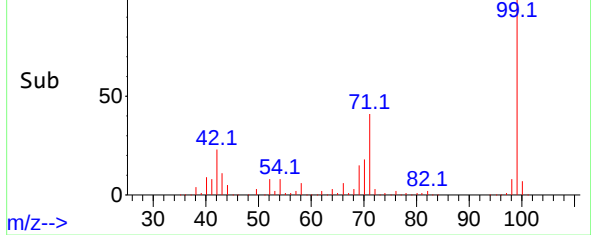
Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



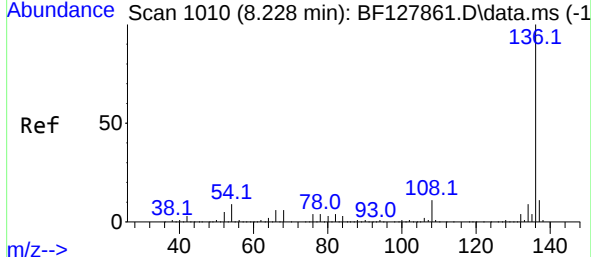
m/z--> Scan 725 (6.551 min): BF127964.D\data.ms



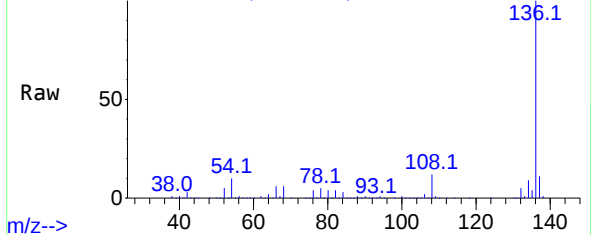
Abundance Scan 725 (6.551 min): BF127964.D\data.ms (-67



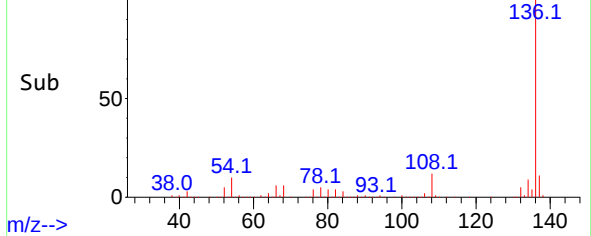
m/z--> Scan 1010 (8.228 min): BF127861.D\data.ms (-1



m/z--> Scan 1007 (8.210 min): BF127964.D\data.ms



Abundance Scan 1007 (8.210 min): BF127964.D\data.ms (-9



m/z--> Scan 1007 (8.210 min): BF127964.D\data.ms (-9

#7

Phenol-d6

Concen: 112.338 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127964.D

Acq: 28 Apr 2022 00:12

Tgt Ion: 99 Resp: 96356

Ion Ratio Lower Upper

99 100

42 22.5 16.6 24.8

71 40.5 30.0 45.0

Instrument :

BNA_F

ClientSampleId :

E14ST-EB4-041922-0-5

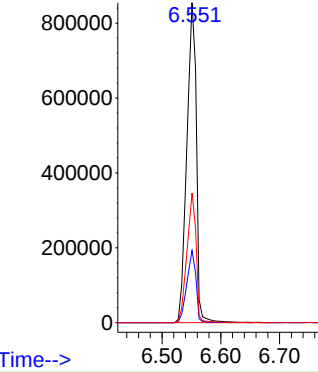
Manual Integrations

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Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF127964.D

Acq: 28 Apr 2022 00:12

Tgt Ion:136 Resp: 394893

Ion Ratio Lower Upper

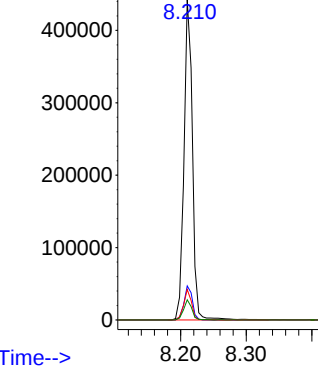
136 100

137 10.7 8.6 13.0

54 9.5 6.8 10.2

68 6.3 5.1 7.7

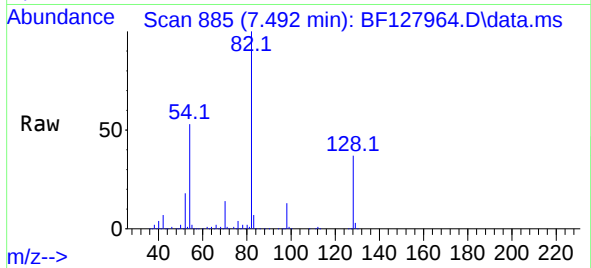
Abundance





#23
Nitrobenzene-d5
Concen: 82.611 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

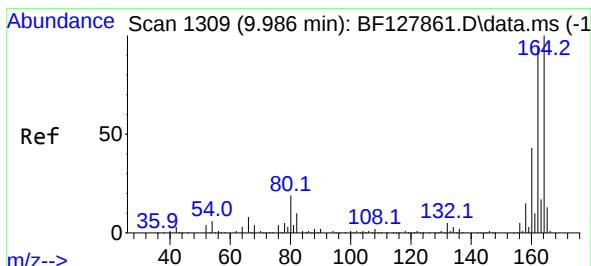
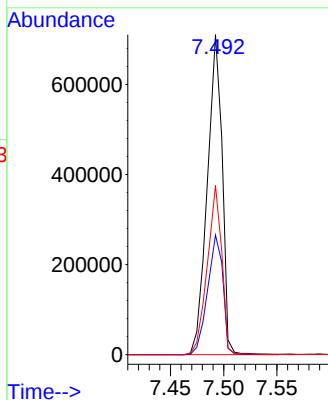
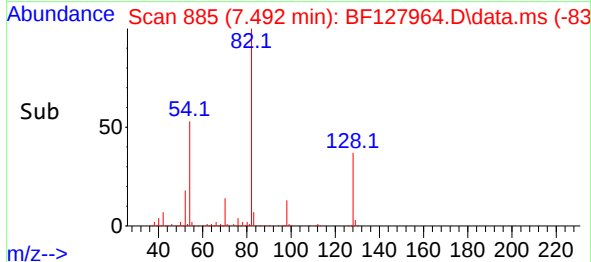
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5



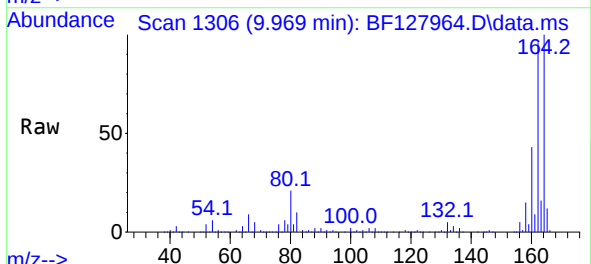
Tgt Ion: 82 Resp: 69374
Ion Ratio Lower Upper
82 100
128 37.4 30.0 45.0
54 52.9 41.3 61.9

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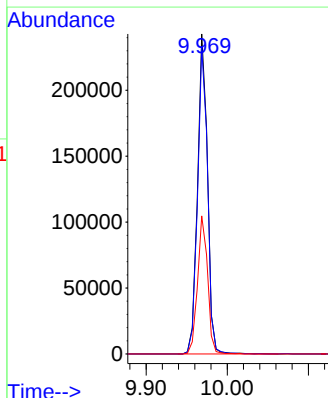
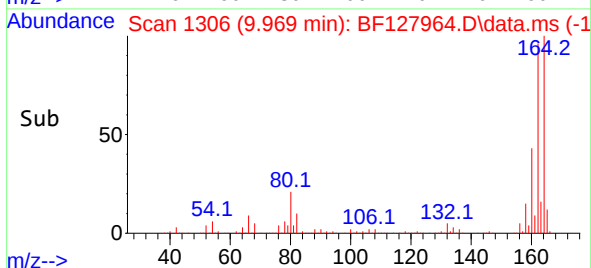
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

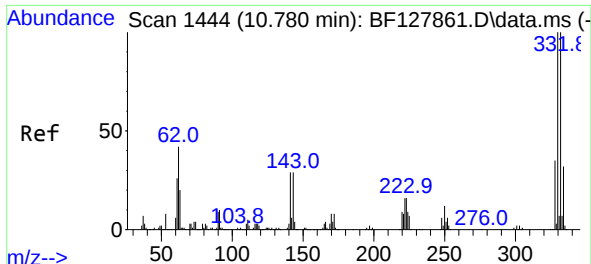


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12



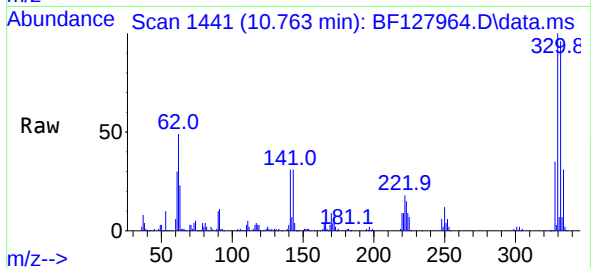
Tgt Ion:164 Resp: 207376
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.1 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 97.088 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

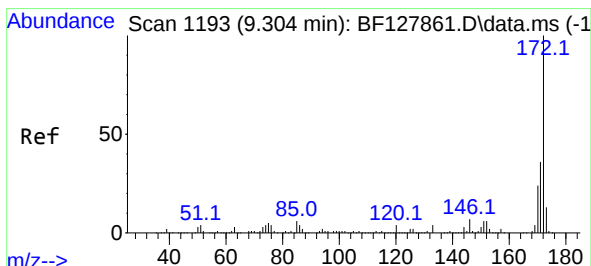
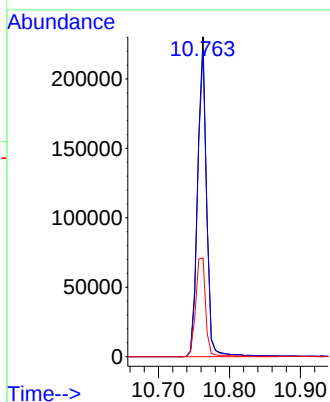
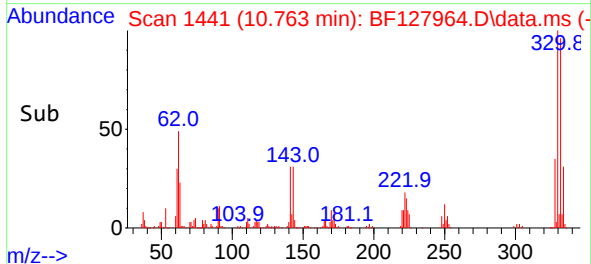
Instrument :
BNA_F
ClientSampleId :
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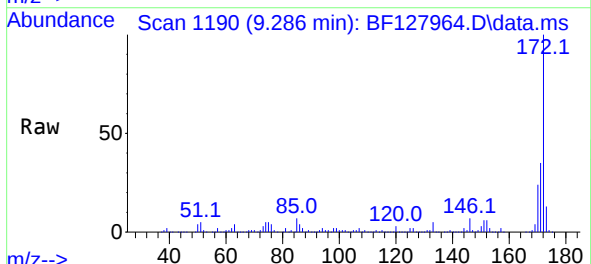
Tgt Ion: 330 Resp: 202680
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 34.7 28.9 43.3

Manual Integrations
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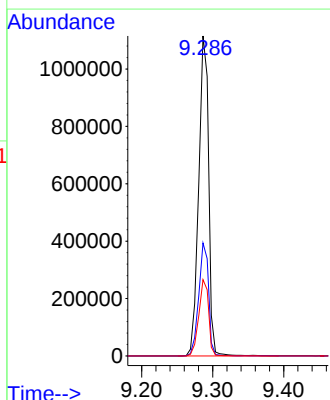
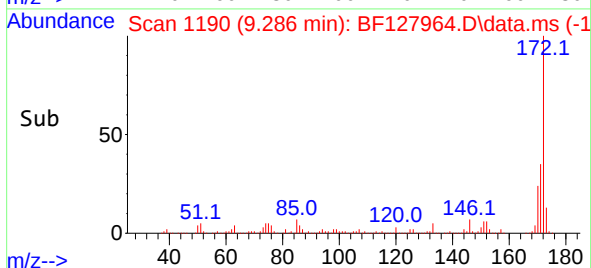
Reviewed By : Christian Giraldo 04/28/2022
Supervised By : Jagrut Upadhyay 04/28/2022



#45
2-Fluorobiphenyl
Concen: 89.134 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12



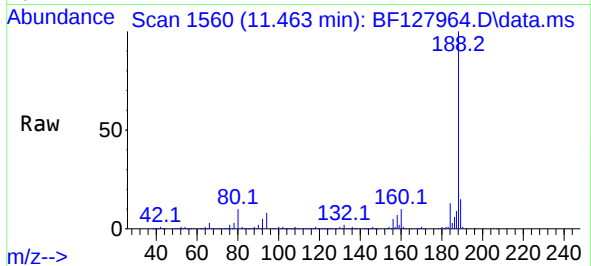
Tgt Ion: 172 Resp: 1092622
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

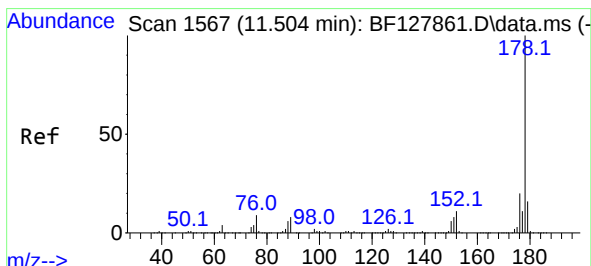
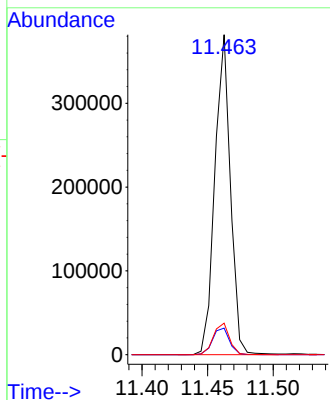
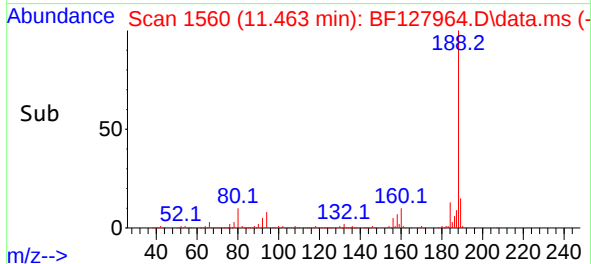
Instrument :
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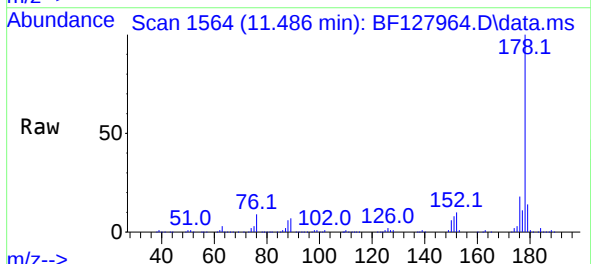
Tgt Ion:188 Resp: 314590
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.8 8.9 13.3

Manual Integrations
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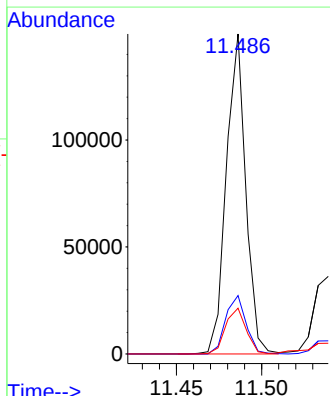
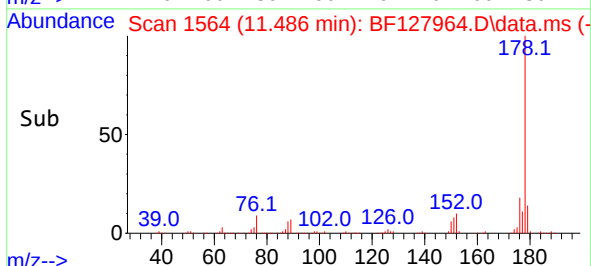
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

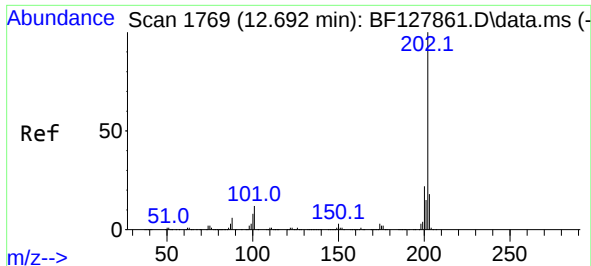


#71
Phenanthrene
Concen: 7.219 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12



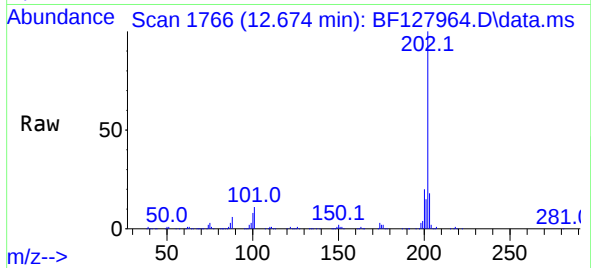
Tgt Ion:178 Resp: 118870
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 14.3 12.6 19.0





#75
Fluoranthene
Concen: 6.542 ng
RT: 12.674 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

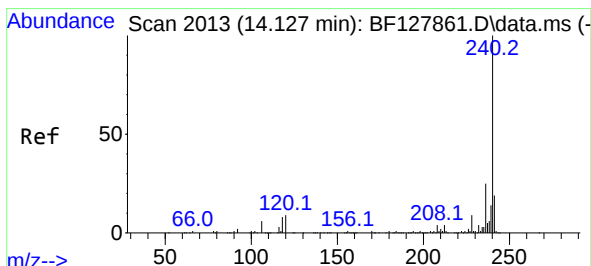
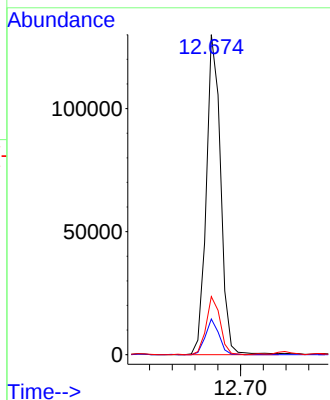
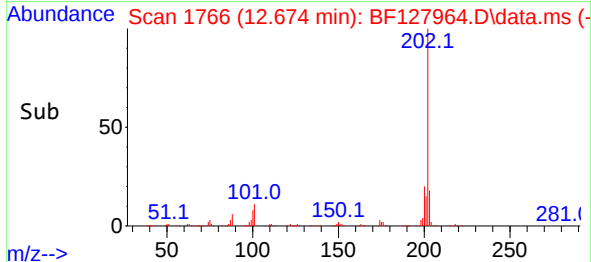
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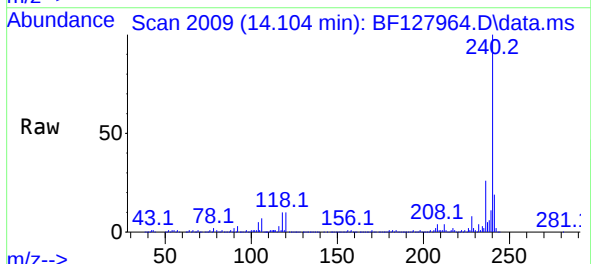
Tgt Ion:202 Resp: 11338
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.6
203 18.1 0.0 38.1

Manual Integrations
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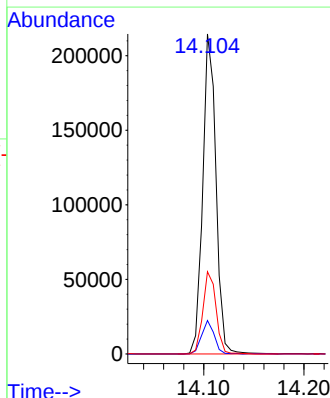
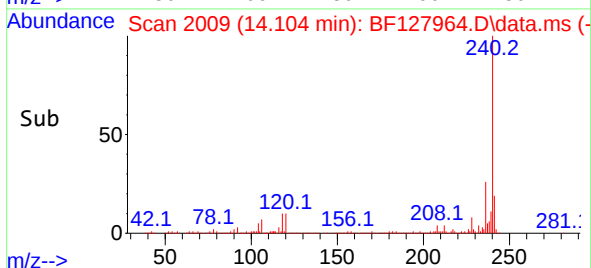
Reviewed By :Christian Giraldo 04/28/2022
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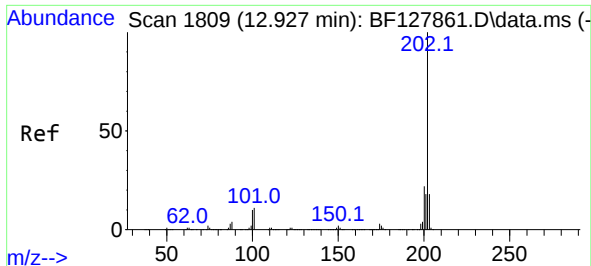


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12



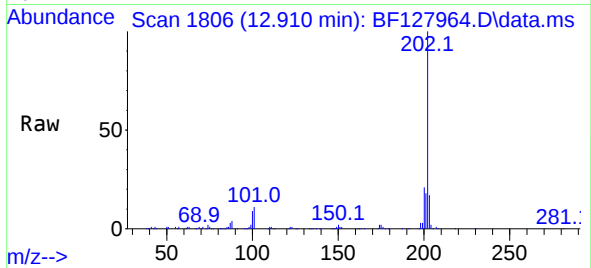
Tgt Ion:240 Resp: 197526
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.7 20.3 30.5





#78
Pyrene
Concen: 5.804 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

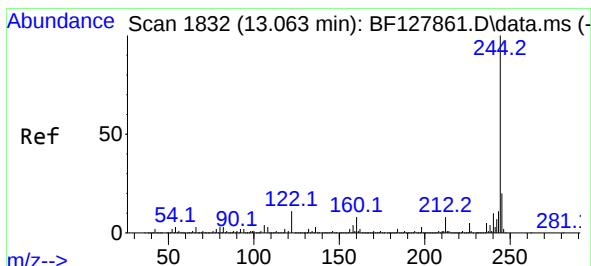
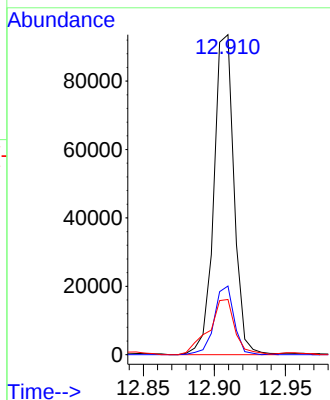
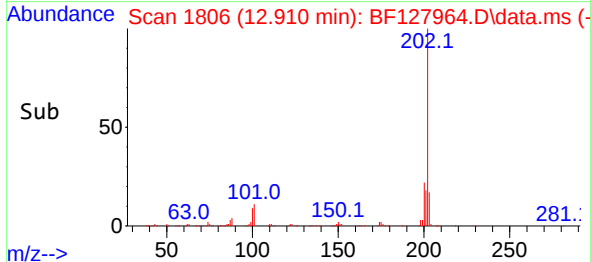
Instrument :
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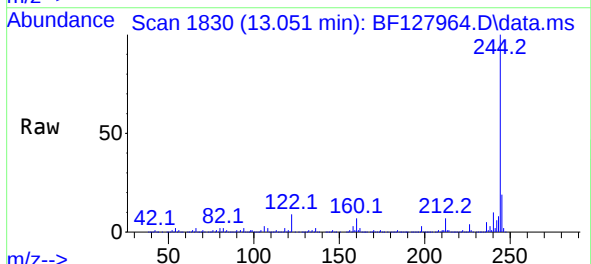
Tgt Ion:202 Resp: 9254
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.2 14.0 21.0

Manual Integrations
APPROVED

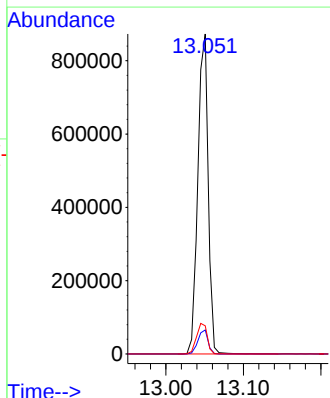
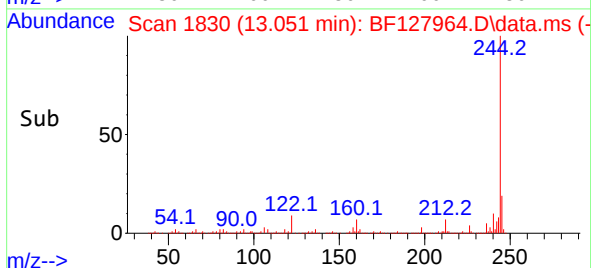
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

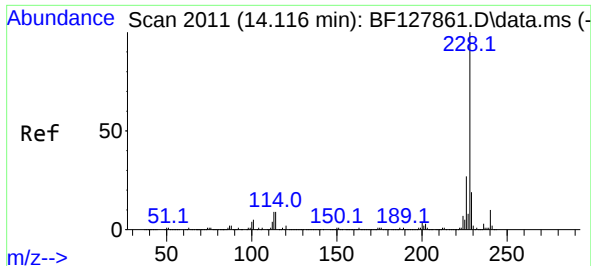


#79
Terphenyl-d14
Concen: 74.711 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12



Tgt Ion:244 Resp: 807053
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.8 8.6 12.8





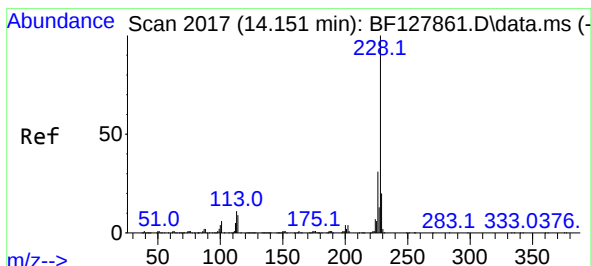
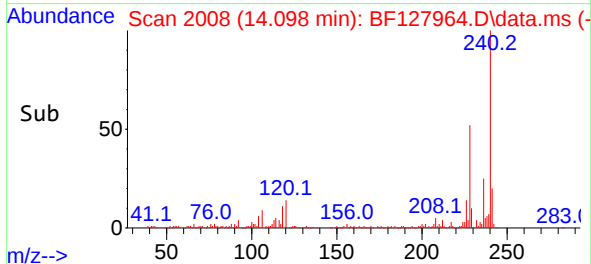
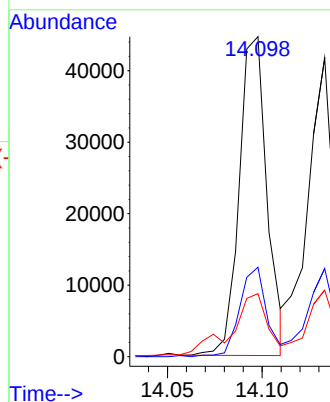
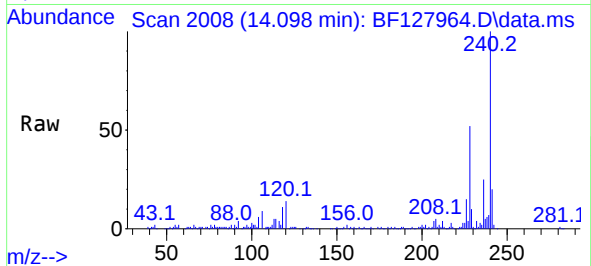
#81
Benzo(a)anthracene
Concen: 3.458 ng
RT: 14.098 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

Tgt Ion:228 Resp: 45528
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 19.7 15.4 23.2

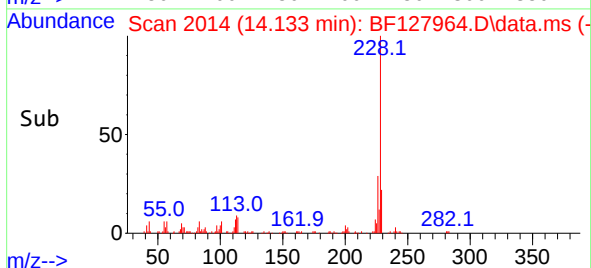
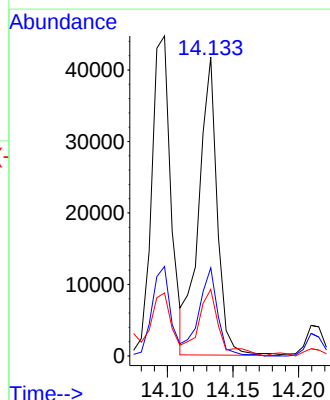
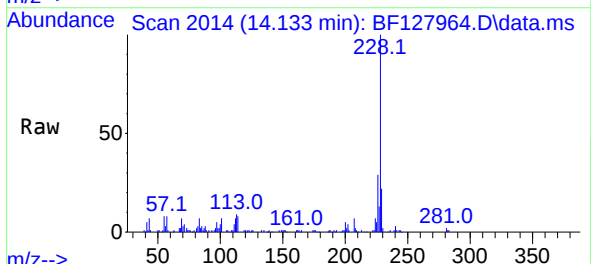
Manual Integrations
APPROVED

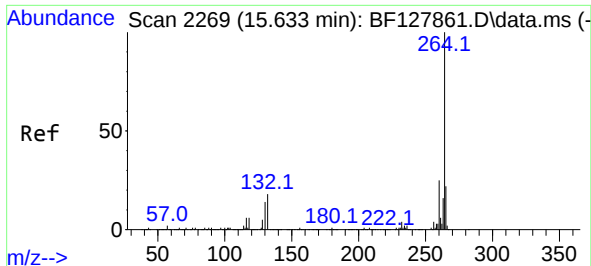
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#83
Chrysene
Concen: 3.264 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

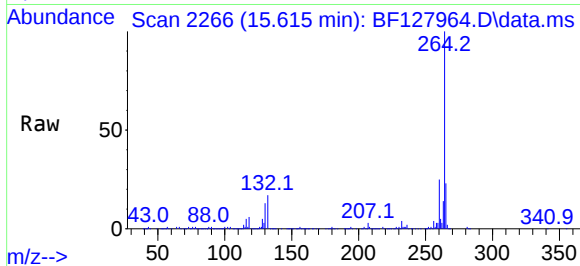
Tgt Ion:228 Resp: 41045
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 22.3 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

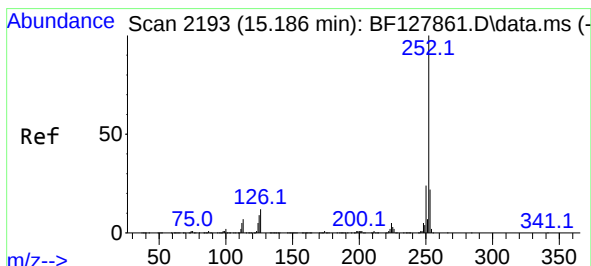
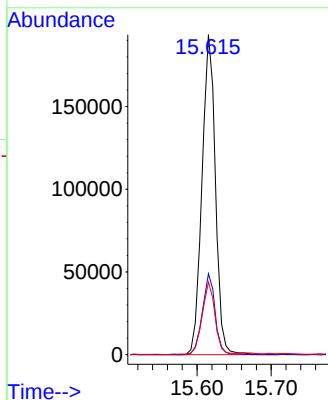
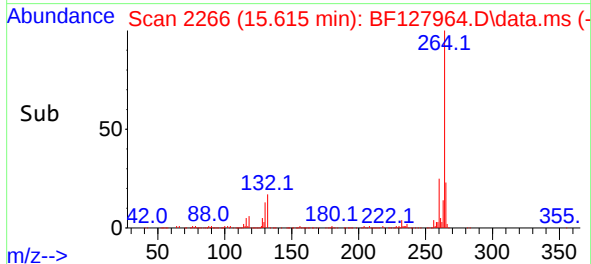
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5



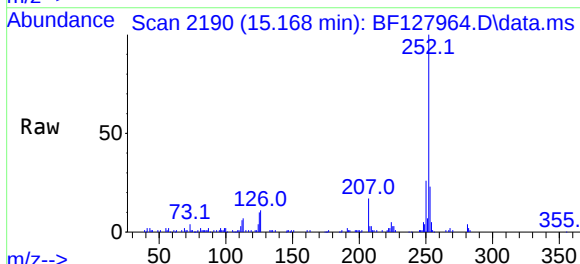
Tgt Ion:264 Resp: 243994
Ion Ratio Lower Upper
264 100
260 25.3 20.1 30.1
265 22.7 17.5 26.3

Manual Integrations
APPROVED

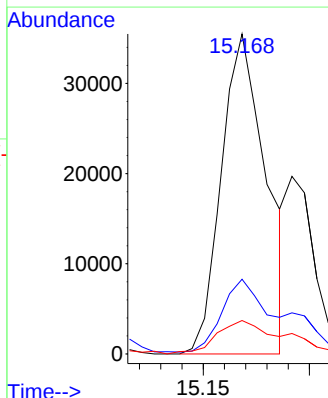
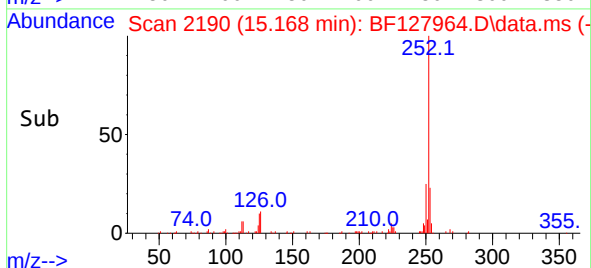
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

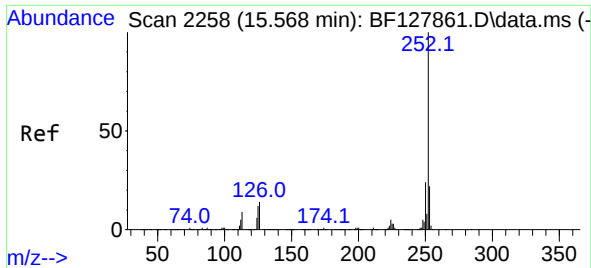


#88
Benzo(b)fluoranthene
Concen: 3.388 ng m
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12



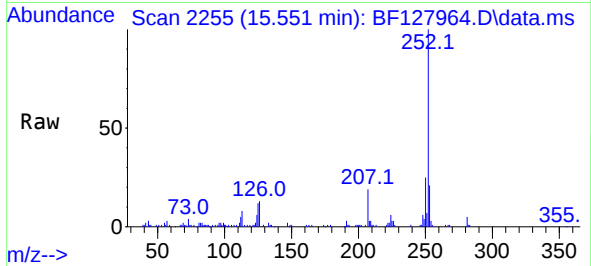
Tgt Ion:252 Resp: 51924
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 10.4 7.4 11.2





#90
Benzo(a)pyrene
Concen: 3.381 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5



Tgt Ion:252 Resp: 42975

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	12.3	9.2	13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

