

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128027.D
 Acq On : 02 May 2022 15:46
 Operator : CG\JU
 Sample : N2607-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-042822

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 02 16:04:26 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	103502	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	359832	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	169303	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	264545	20.000	ng	0.00
76) Chrysene-d12	14.115	240	192531	20.000	ng	0.00
86) Perylene-d12	15.633	264	128041	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	557794	85.838	ng	0.00
7) Phenol-d6	6.557	99	709394	84.133	ng	0.00
23) Nitrobenzene-d5	7.492	82	505252	66.028	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	138137	81.051	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	759652	75.907	ng	0.00
79) Terphenyl-d14	13.063	244	718408	68.231	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.486	178	36463	2.633	ng	98
75) Fluoranthene	12.686	202	65789	4.514	ng	100
78) Pyrene	12.921	202	74666	4.804	ng	96
81) Benzo(a)anthracene	14.104	228	33289	2.594	ng #	81
83) Chrysene	14.139	228	33428	2.728	ng #	88
88) Benzo(b)fluoranthene	15.180	252	30794m	3.829	ng	
90) Benzo(a)pyrene	15.562	252	20705	3.104	ng #	65

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

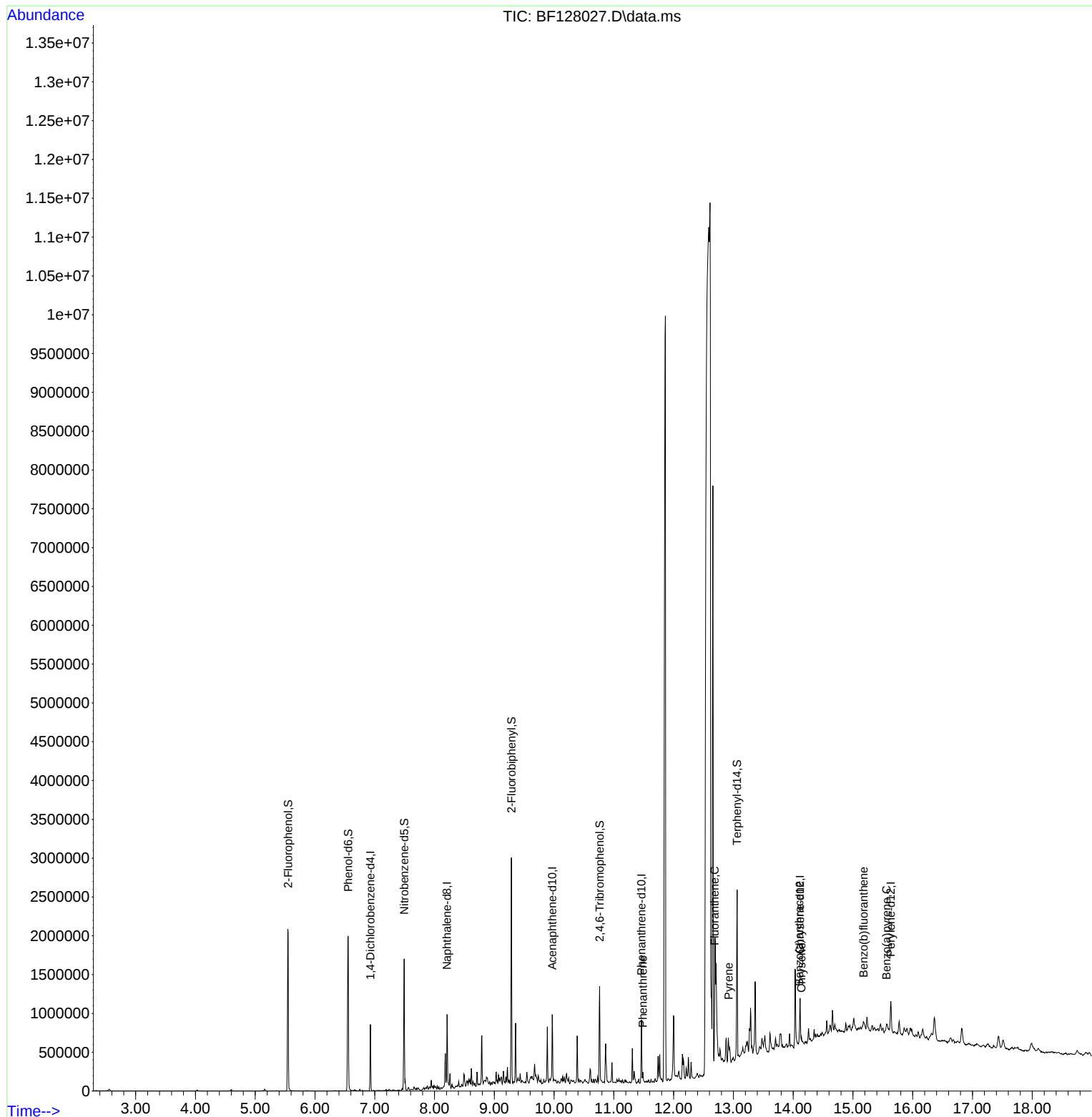
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
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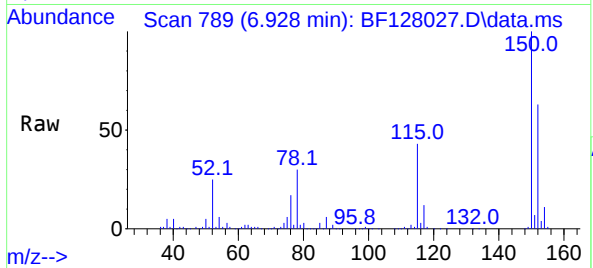
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

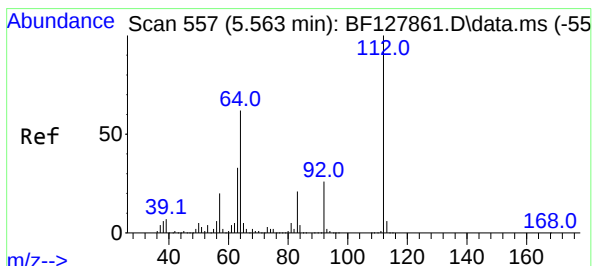
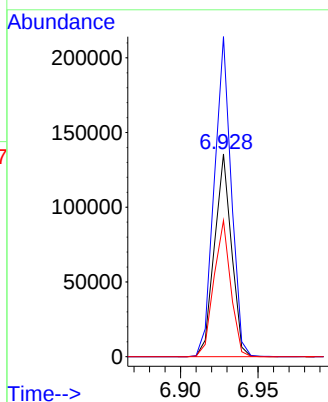
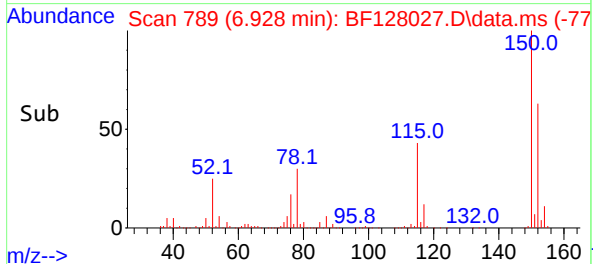
Instrument :
BNA_F
ClientSampleId :
HR-02-042822



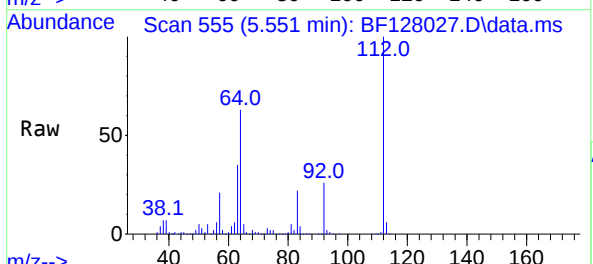
Tgt Ion:152 Resp: 103502
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 67.2 48.8 73.2

Manual Integrations
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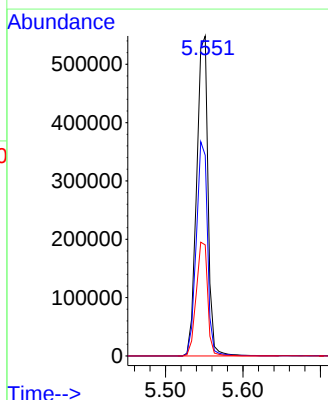
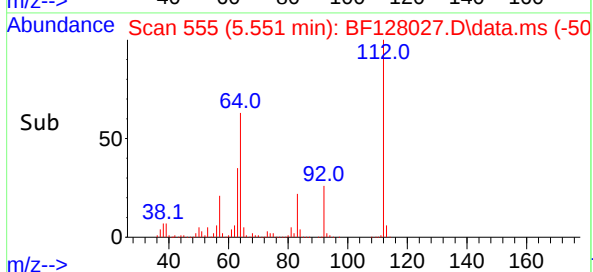
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

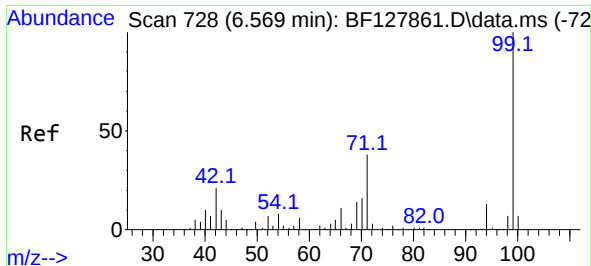


#5
2-Fluorophenol
Concen: 85.838 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46



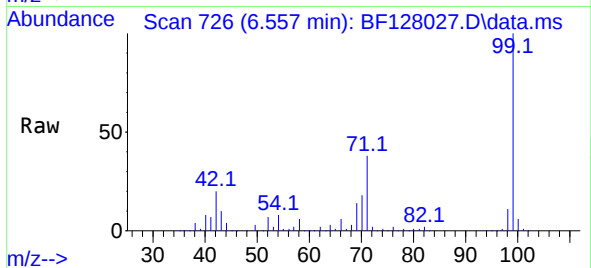
Tgt Ion:112 Resp: 557794
Ion Ratio Lower Upper
112 100
64 62.7 49.5 74.3
63 34.7 26.3 39.5





#7
Phenol-d6
Concen: 84.133 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

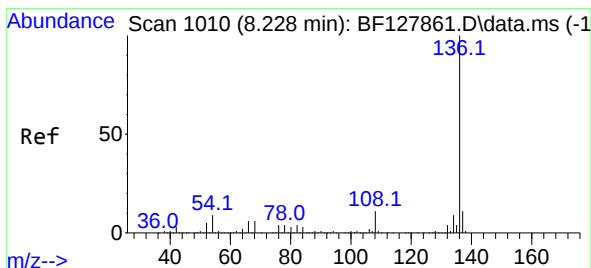
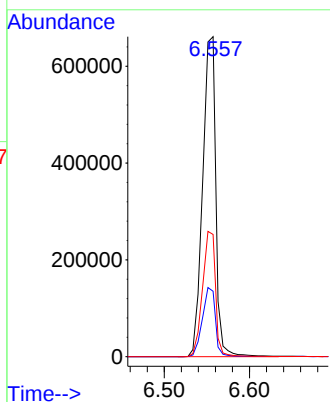
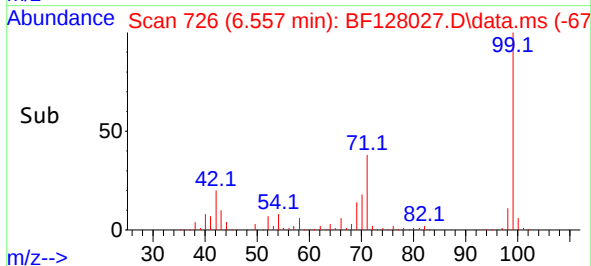
Instrument :
BNA_F
ClientSampleId :
HR-02-042822



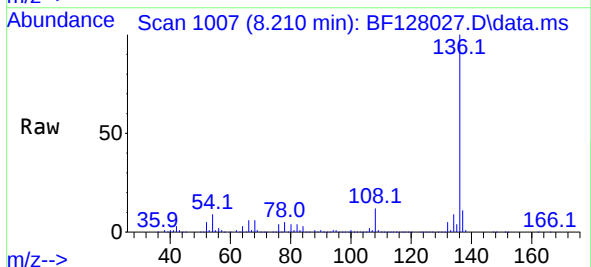
Tgt Ion: 99 Resp: 709394
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 38.2 30.0 45.0

Manual Integrations
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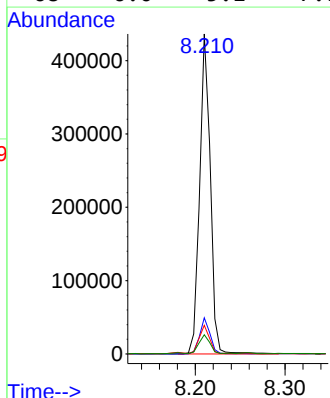
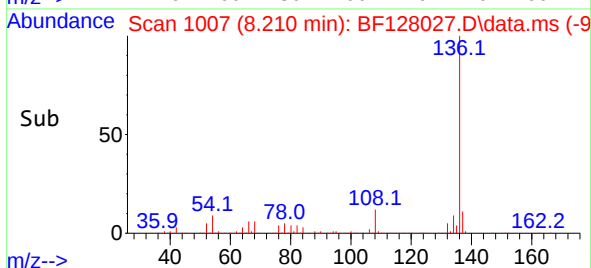
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46



Tgt Ion:136 Resp: 359832
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 6.8 10.2
68 6.0 5.1 7.7





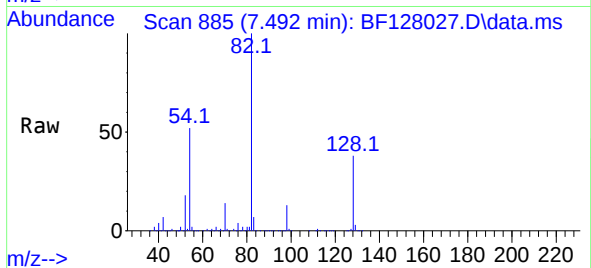
#23
Nitrobenzene-d5
Concen: 66.028 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Instrument :

BNA_F

ClientSampleId :

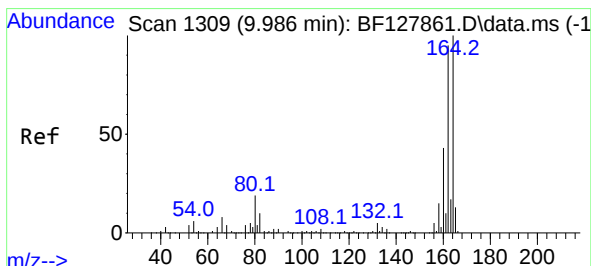
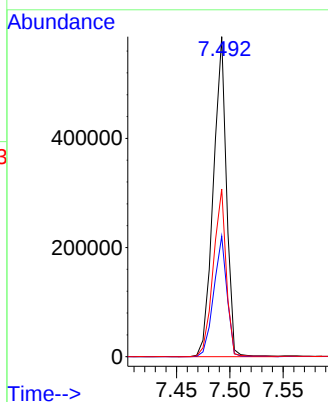
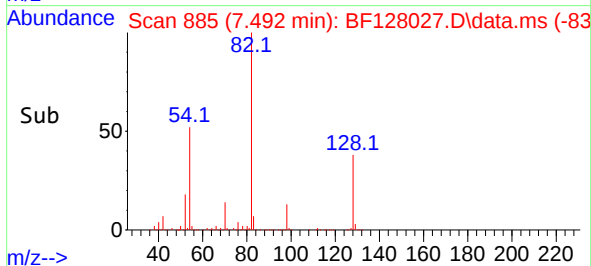
HR-02-042822



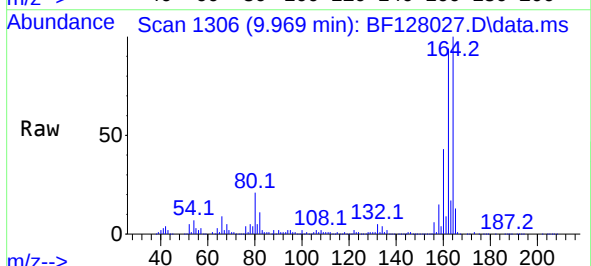
Tgt Ion: 82 Resp: 505252
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 52.4 41.3 61.9

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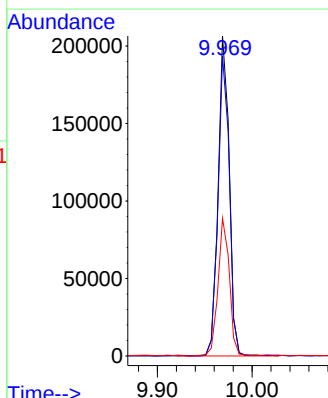
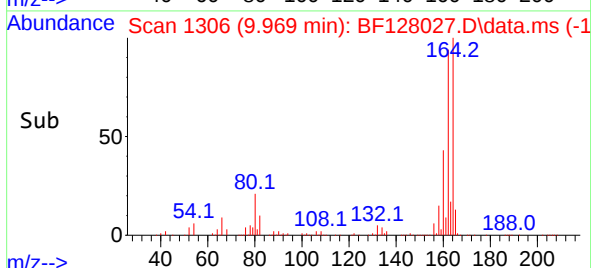
Reviewed By :Christian Giraldo 05/03/2022
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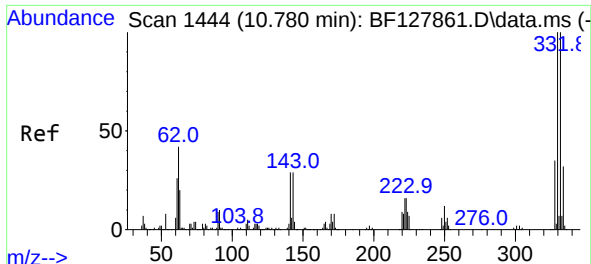


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46



Tgt Ion:164 Resp: 169303
Ion Ratio Lower Upper
164 100
162 93.7 76.0 114.0
160 43.0 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 81.051 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Instrument :

BNA_F

ClientSampleId :

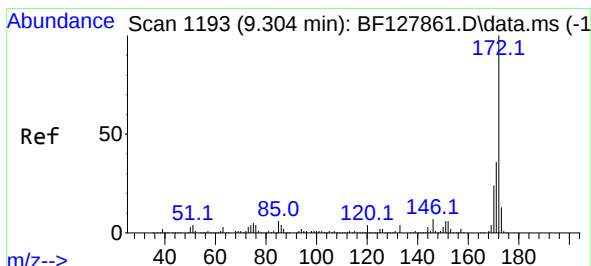
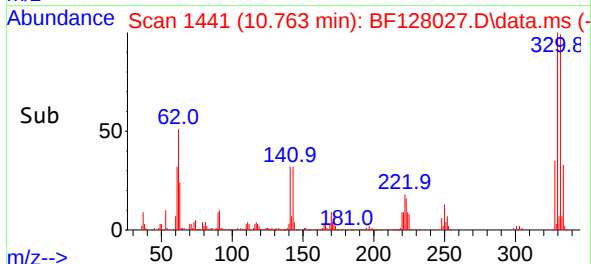
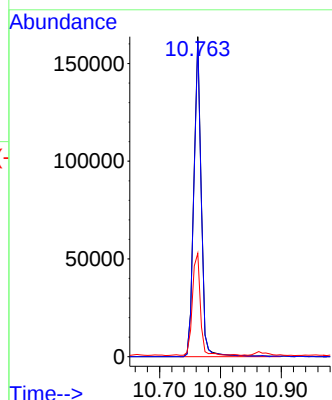
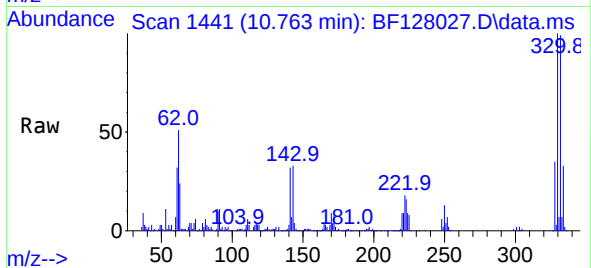
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Tgt Ion:330 Resp: 13813
Ion Ratio Lower Upper
330 100
332 98.0 79.0 118.4
141 34.3 28.9 43.3

Manual Integrations

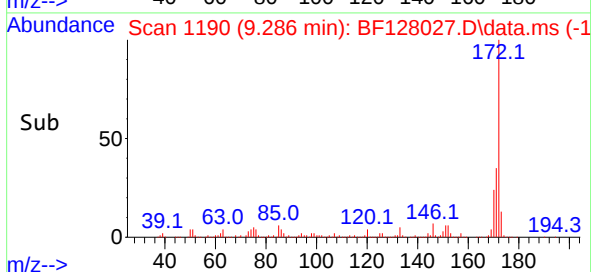
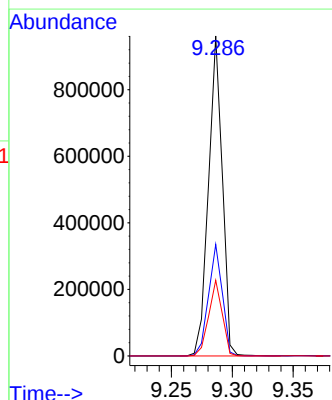
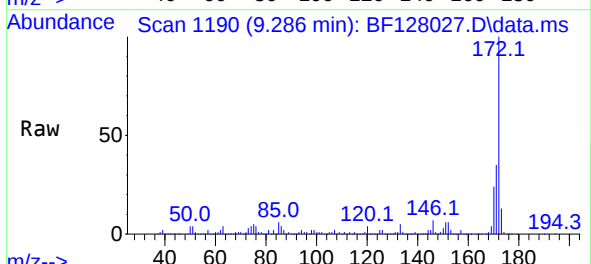
APPROVED

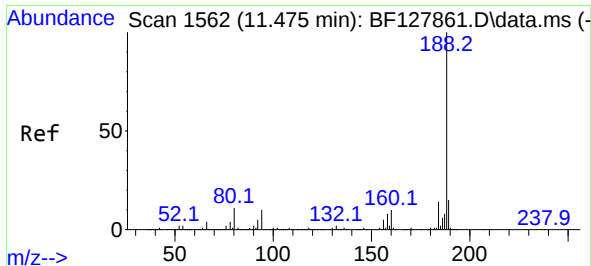
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#45
2-Fluorobiphenyl
Concen: 75.907 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

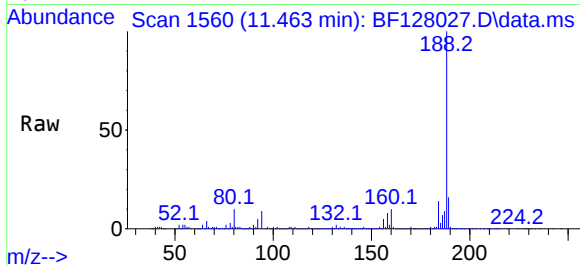
Tgt Ion:172 Resp: 759652
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

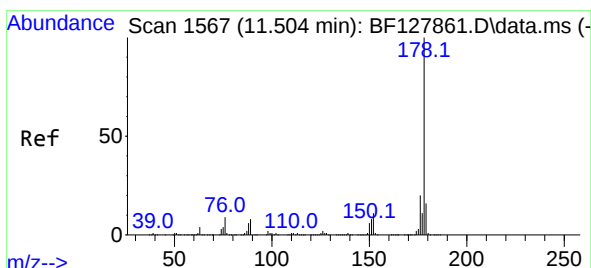
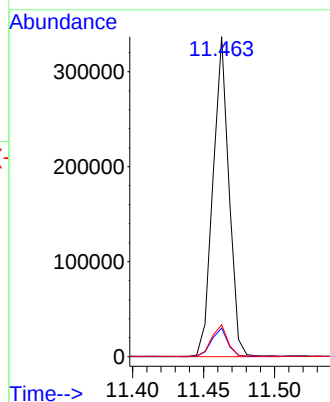
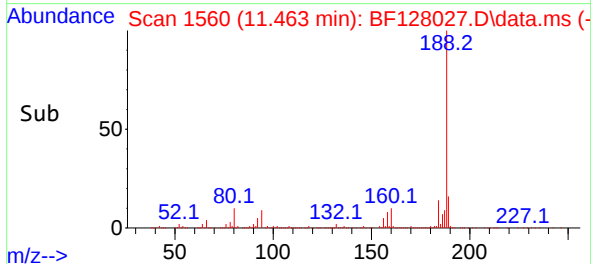
Instrument :
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HR-02-042822



Tgt Ion:188 Resp: 26454
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.0 8.9 13.3

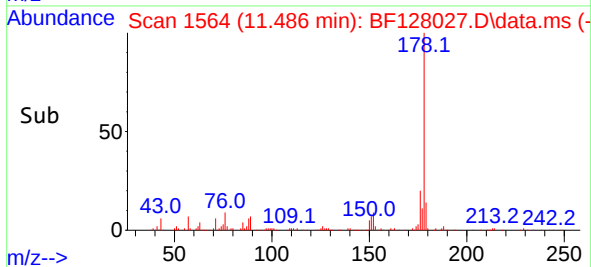
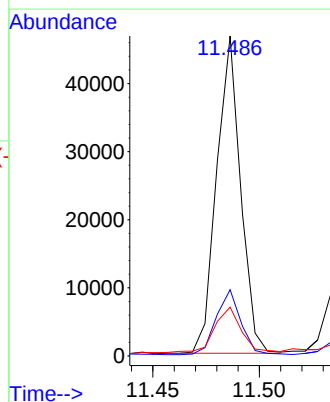
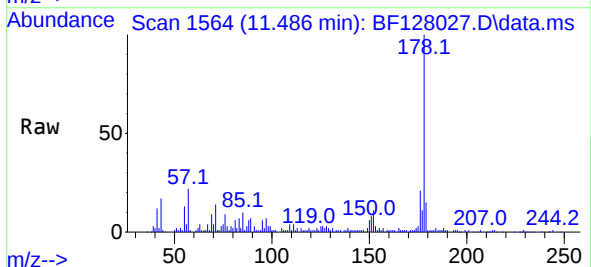
Manual Integrations
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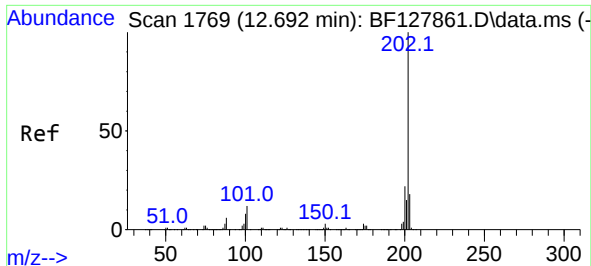
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#71
Phenanthrene
Concen: 2.633 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

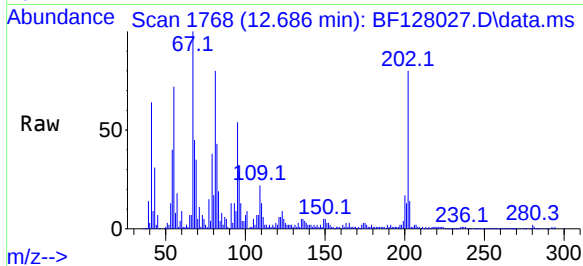
Tgt Ion:178 Resp: 36463
Ion Ratio Lower Upper
178 100
176 20.7 15.7 23.5
179 15.3 12.6 19.0





#75
Fluoranthene
Concen: 4.514 ng
RT: 12.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

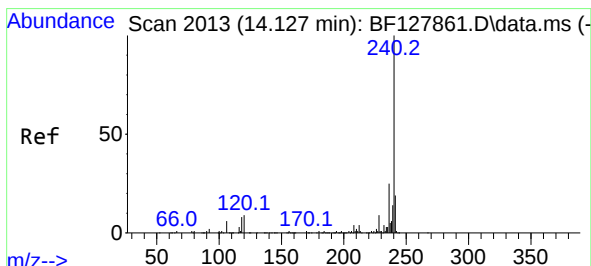
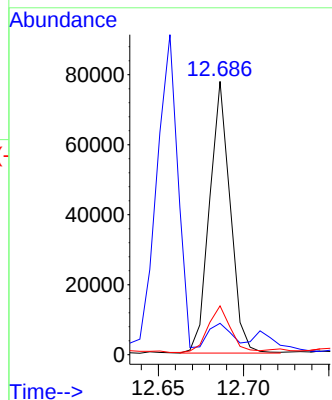
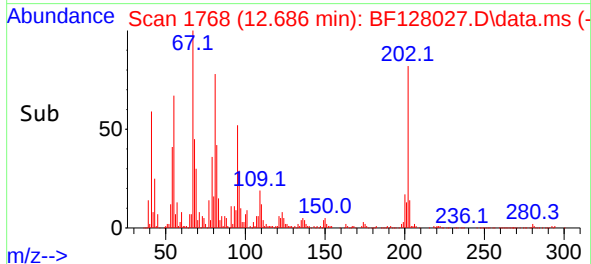
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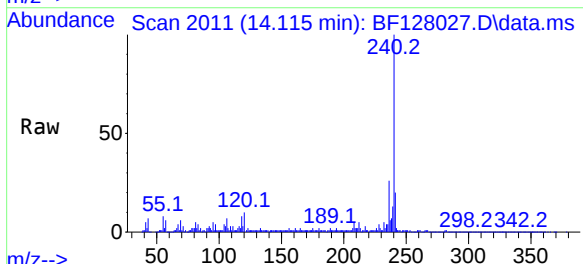
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Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.6
203 17.8 0.0 38.1

Manual Integrations
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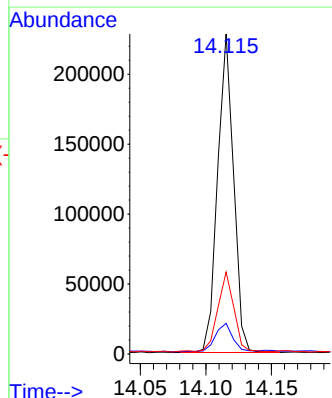
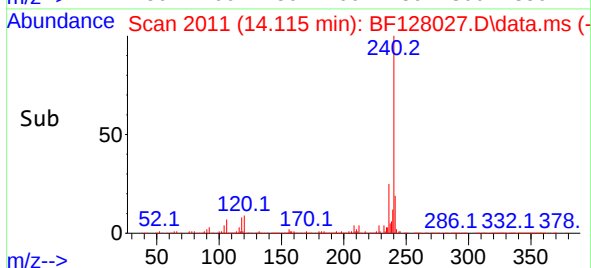
Reviewed By :Christian Giraldo 05/03/2022
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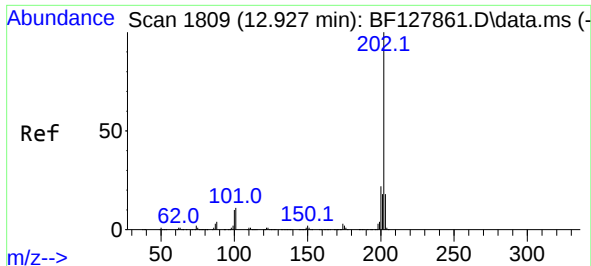


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46



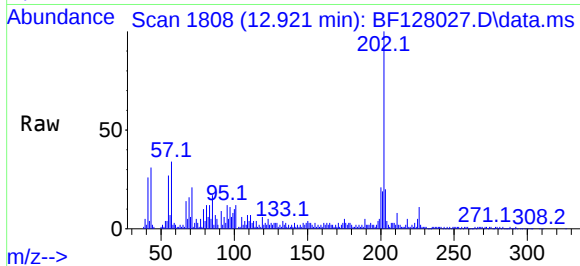
Tgt Ion:240 Resp: 192531
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.6 20.3 30.5





#78
Pyrene
Concen: 4.804 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

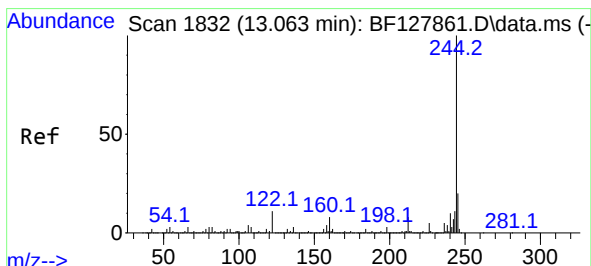
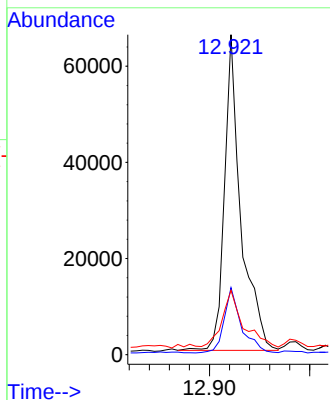
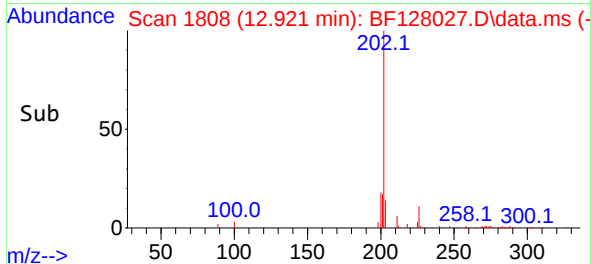
Instrument :
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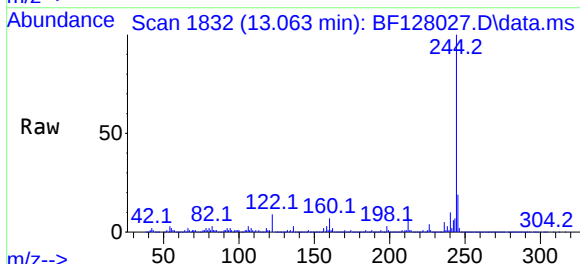
Tgt Ion:202 Resp: 74660
Ion Ratio Lower Upper
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200 20.9 17.4 26.2
203 20.1 14.0 21.0

Manual Integrations
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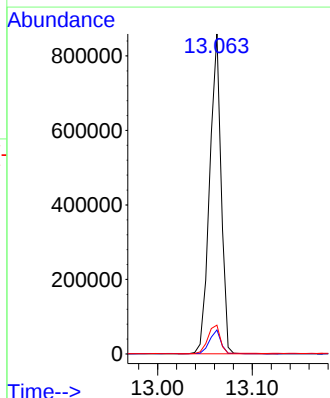
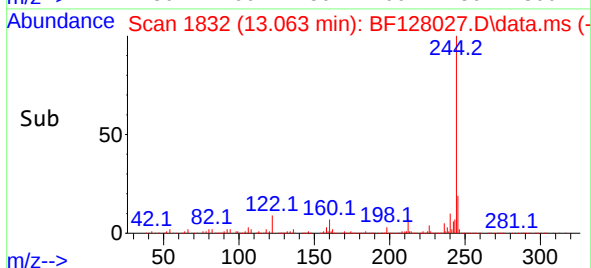
Reviewed By :Christian Giraldo 05/03/2022
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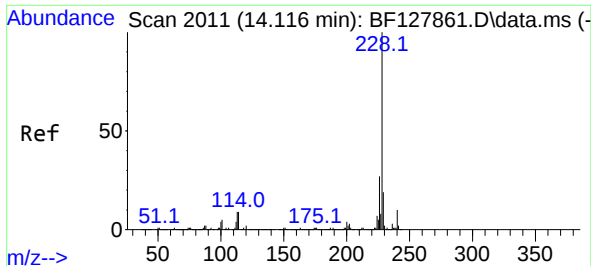


#79
Terphenyl-d14
Concen: 68.231 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46



Tgt Ion:244 Resp: 718408
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.0 8.6 12.8





#81
Benzo(a)anthracene
Concen: 2.594 ng
RT: 14.104 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Instrument :

BNA_F

ClientSampleId :

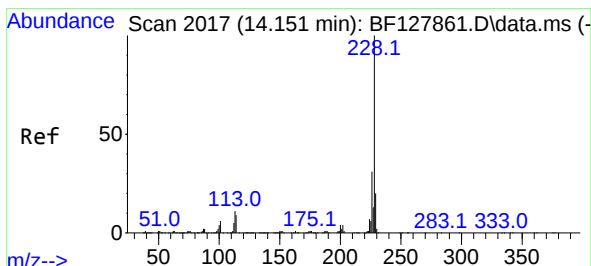
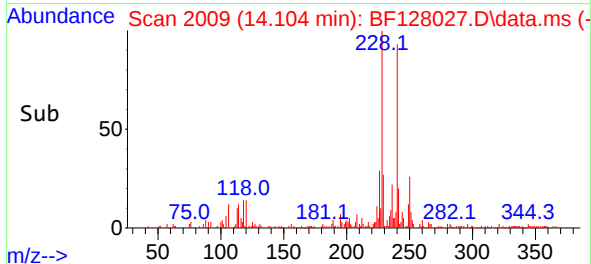
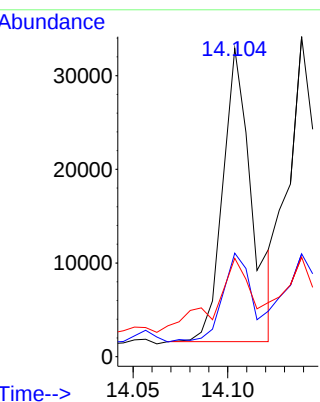
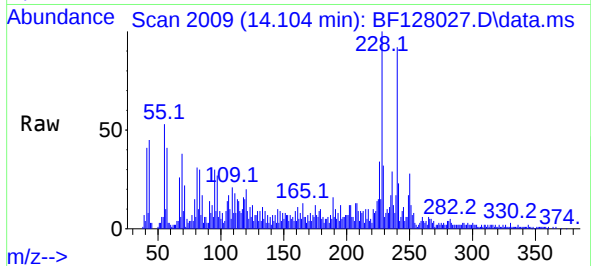
HR-02-042822

Tgt Ion:228 Resp: 33289
Ion Ratio Lower Upper
228 100
226 33.6 21.7 32.5
229 31.9 15.4 23.2

Manual Integrations

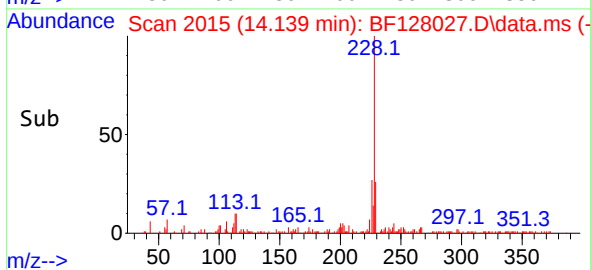
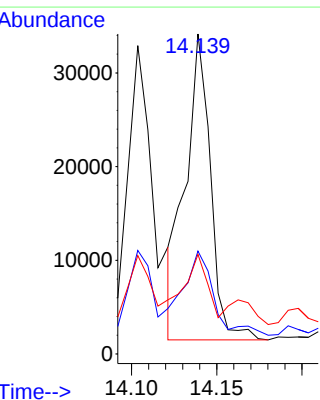
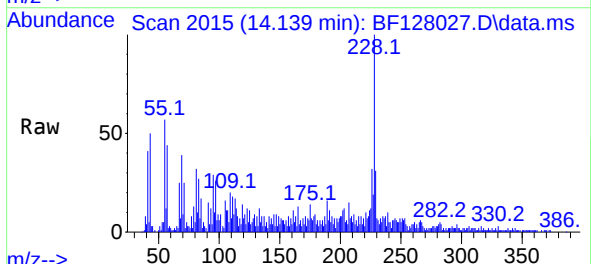
APPROVED

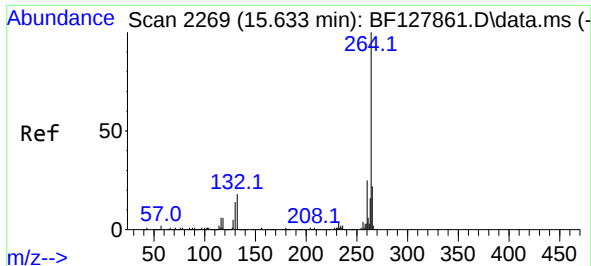
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#83
Chrysene
Concen: 2.728 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:228 Resp: 33428
Ion Ratio Lower Upper
228 100
226 32.2 24.4 36.6
229 31.1 15.8 23.8





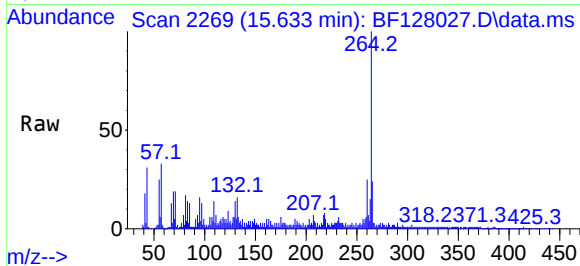
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Instrument :

BNA_F

ClientSampleId :

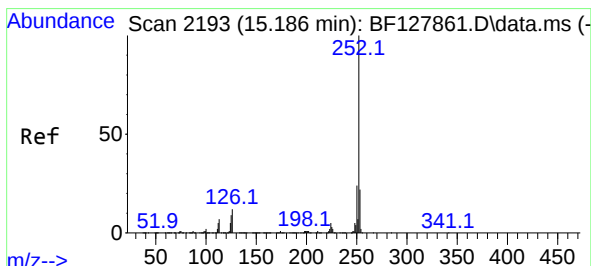
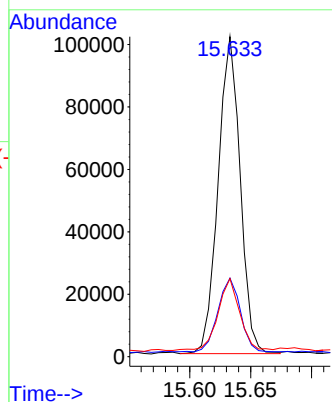
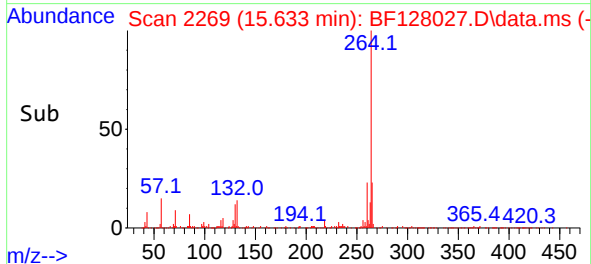
HR-02-042822



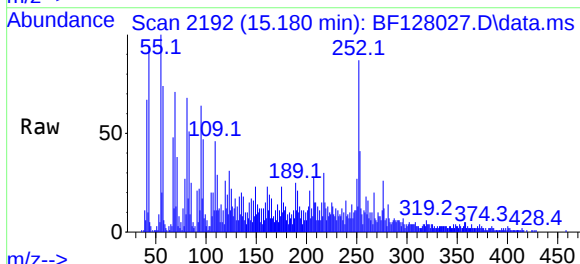
Tgt Ion:264 Resp: 12804
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 24.4 17.5 26.3

Manual Integrations
APPROVED

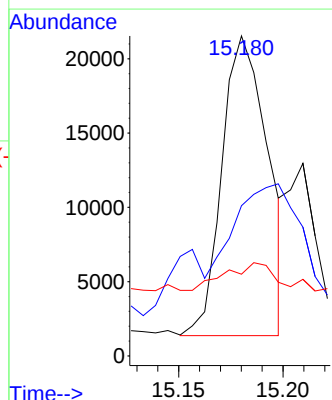
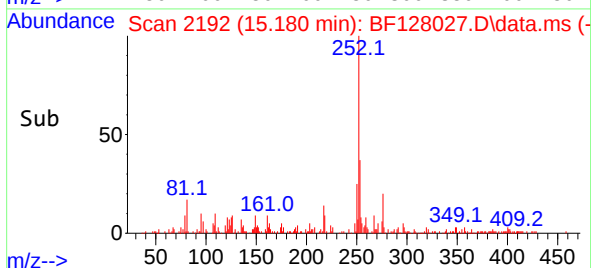
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

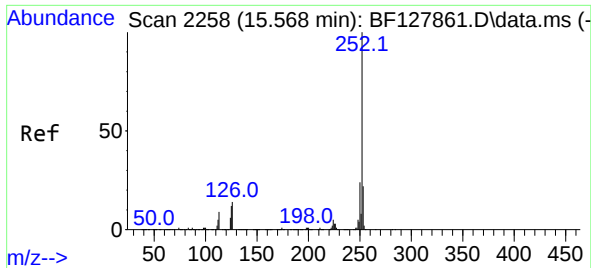


#88
Benzo(b)fluoranthene
Concen: 3.829 ng m
RT: 15.180 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46



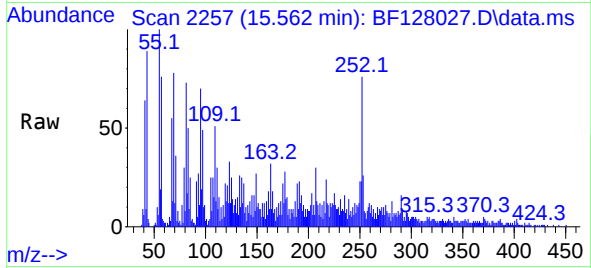
Tgt Ion:252 Resp: 30794
Ion Ratio Lower Upper
252 100
253 47.0 17.4 26.2#
125 25.5 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 3.104 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Instrument :
BNA_F
ClientSampleId :
HR-02-042822



Tgt Ion:252 Resp: 2070
Ion Ratio Lower Upper
252 100
253 34.0 17.8 26.6
125 33.0 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

