

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128007.D
 Acq On : 29 Apr 2022 21:04
 Operator : CG\JU
 Sample : N2616-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-18S

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022

Quant Time: May 02 00:58:48 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	103006	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	361766	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	175549	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	285650	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	206155	20.000	ng	0.00
86) Perylene-d12	15.621	264	142909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	555427	85.886	ng	0.00
7) Phenol-d6	6.551	99	696833	83.041	ng	-0.01
23) Nitrobenzene-d5	7.486	82	520799	67.696	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	143070	80.959	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	762187	73.451	ng	0.00
79) Terphenyl-d14	13.045	244	645536	57.258	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.674	202	58219	3.700	ng	96
78) Pyrene	12.904	202	57248	3.440	ng	99
81) Benzo(a)anthracene	14.098	228	28905	2.104	ng	# 82
83) Chrysene	14.133	228	29724	2.265	ng	# 94
88) Benzo(b)fluoranthene	15.168	252	33629m	3.747	ng	
90) Benzo(a)pyrene	15.551	252	23072	3.099	ng	# 60
92) Benzo(g,h,i)perylene	17.627	276	17793	2.207	ng	# 86

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

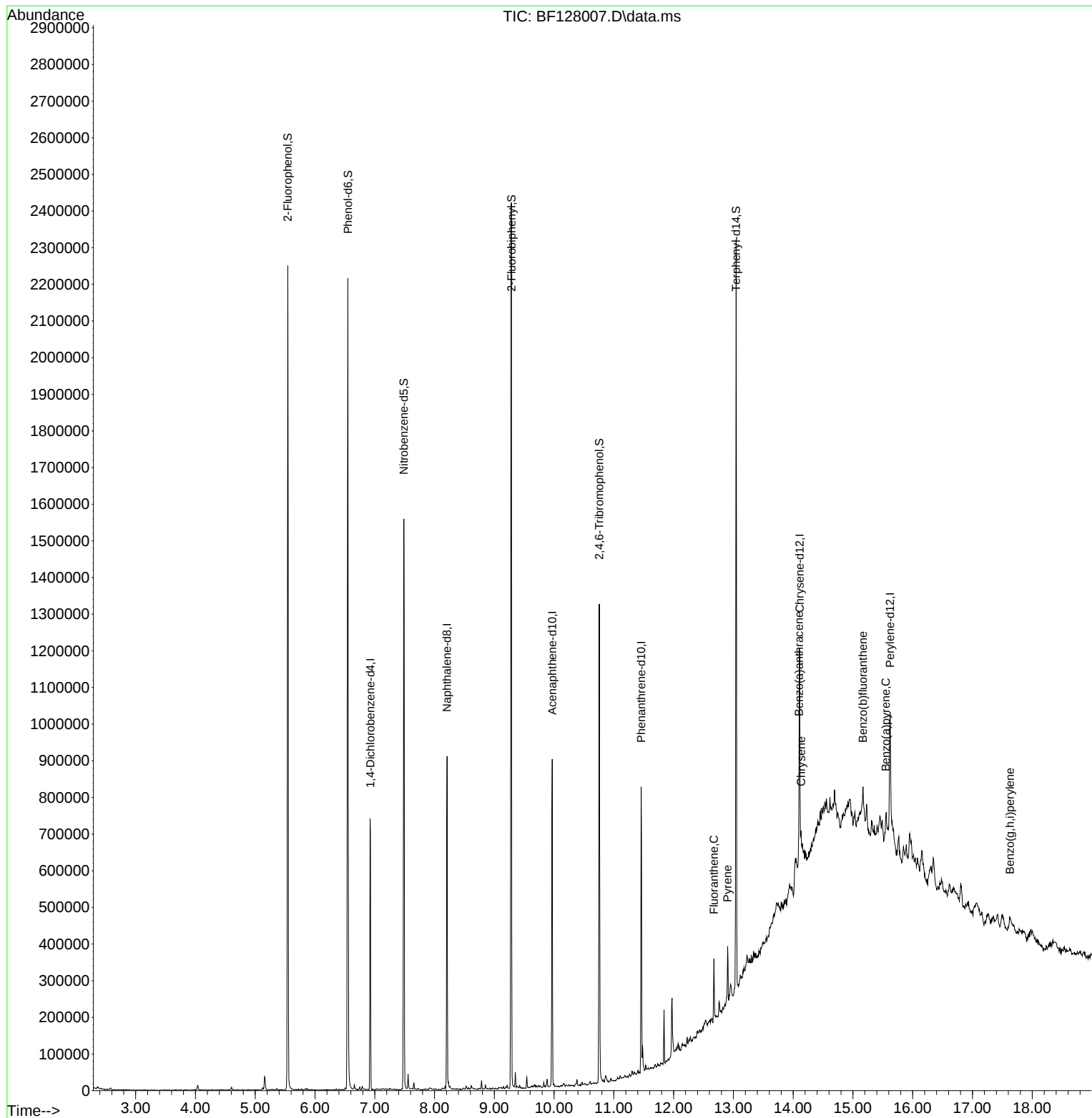
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF128007.D
Acq On : 29 Apr 2022 21:04
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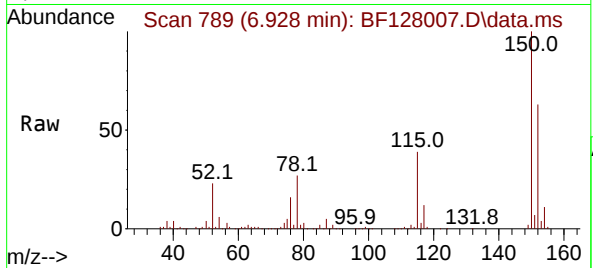
Quant Time: May 02 00:58:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

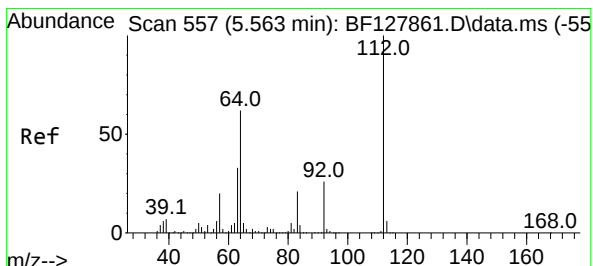
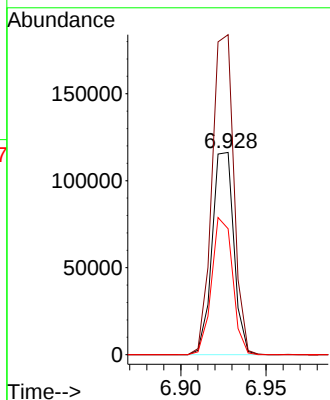
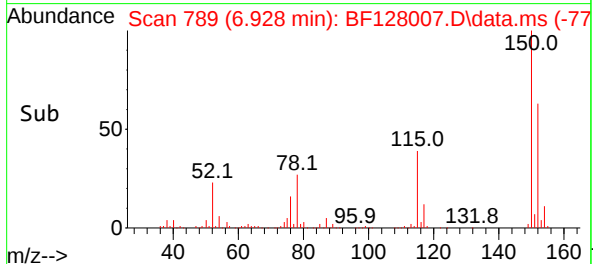
Instrument :
BNA_F
ClientSampleId :
MH-18S



Tgt Ion:152 Resp: 103000
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 62.3 48.8 73.2

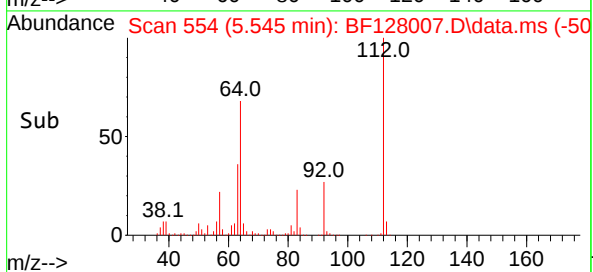
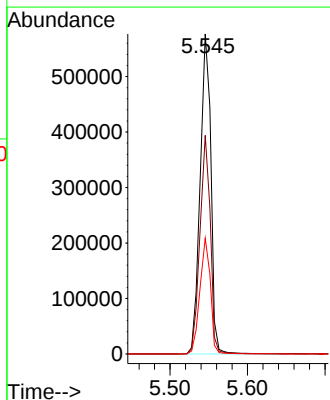
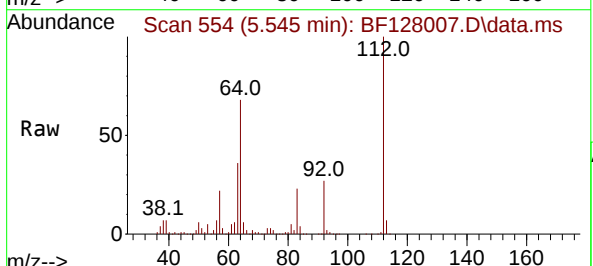
Manual Integrations
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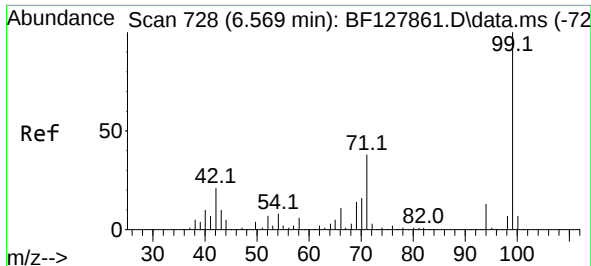
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#5
2-Fluorophenol
Concen: 85.886 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

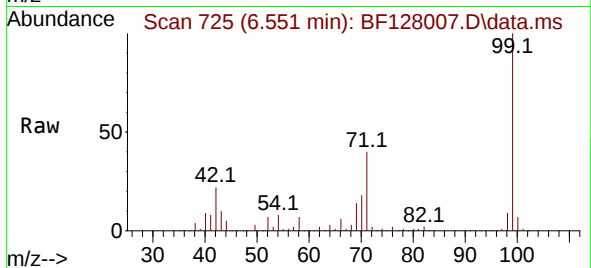
Tgt Ion:112 Resp: 555427
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 36.2 26.3 39.5





#7
Phenol-d6
Concen: 83.041 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

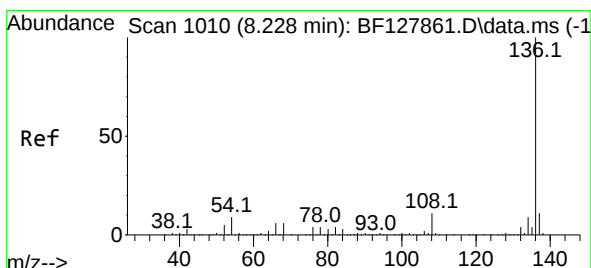
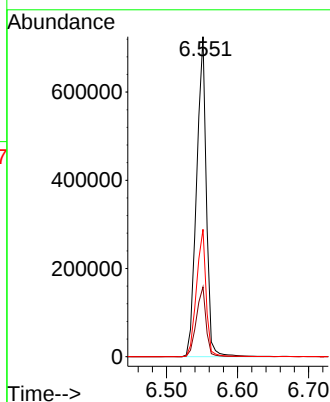
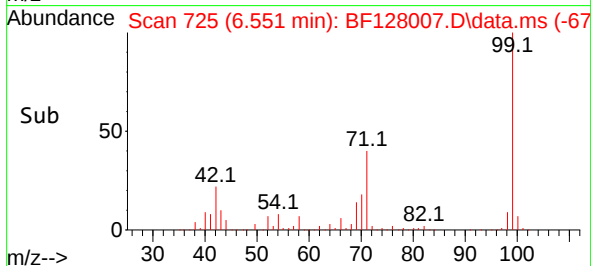
Instrument :
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ClientSampleId :
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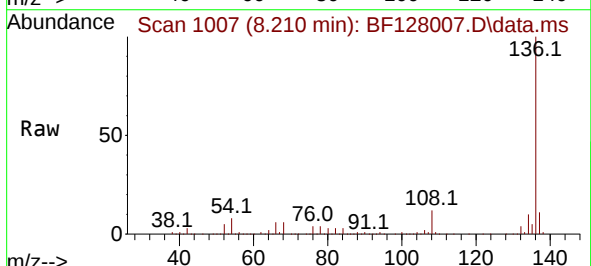
Tgt Ion: 99 Resp: 69683
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 39.8 30.0 45.0

Manual Integrations
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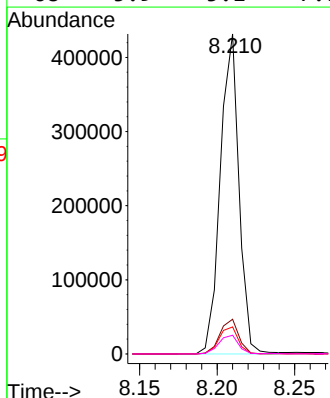
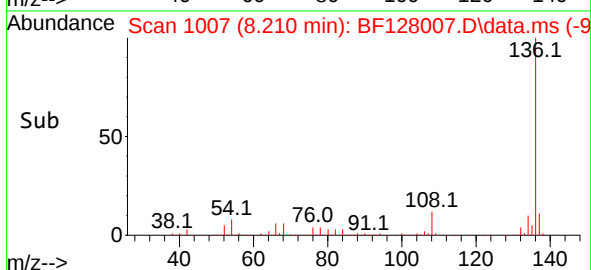
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04



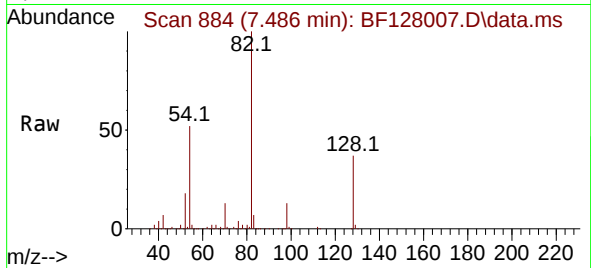
Tgt Ion:136 Resp: 361766
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.8 10.2
68 5.9 5.1 7.7





#23
Nitrobenzene-d5
Concen: 67.696 ng
RT: 7.486 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

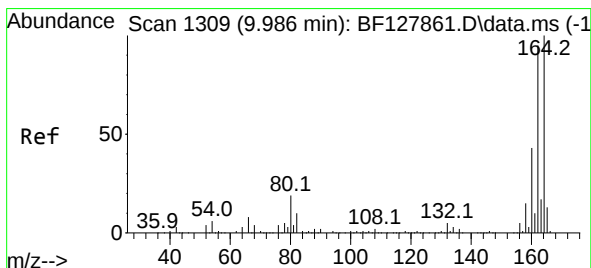
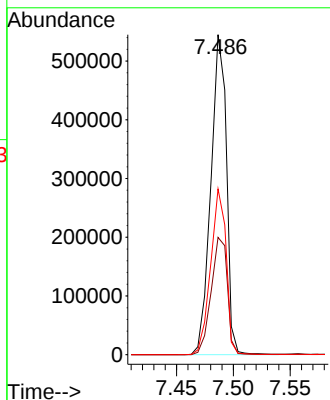
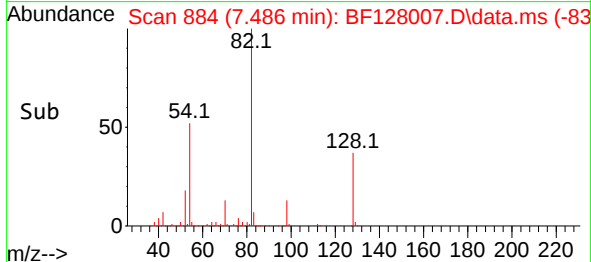
Instrument :
BNA_F
ClientSampleId :
MH-18S



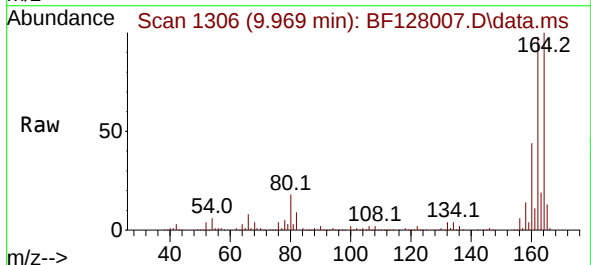
Tgt Ion: 82 Resp: 520799
Ion Ratio Lower Upper
82 100
128 36.7 30.0 45.0
54 51.8 41.3 61.9

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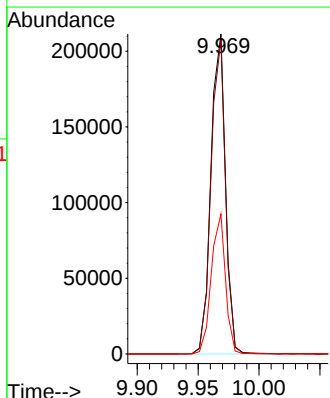
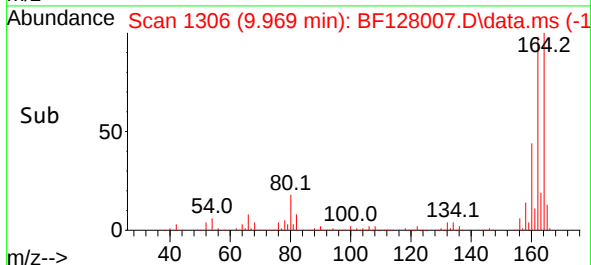
Reviewed By :Christian Giraldo 05/02/2022
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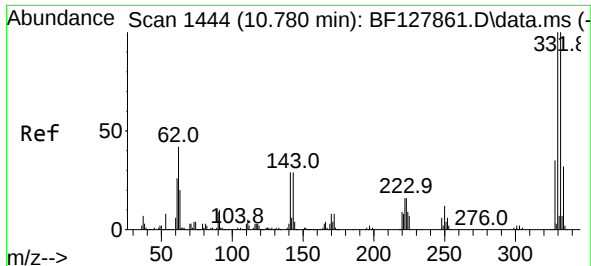


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04



Tgt Ion:164 Resp: 175549
Ion Ratio Lower Upper
164 100
162 98.2 76.0 114.0
160 43.8 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 80.959 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

Instrument :

BNA_F

ClientSampleId :

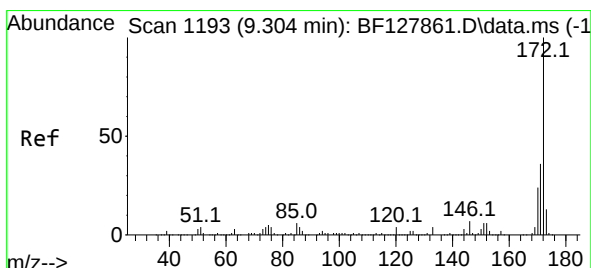
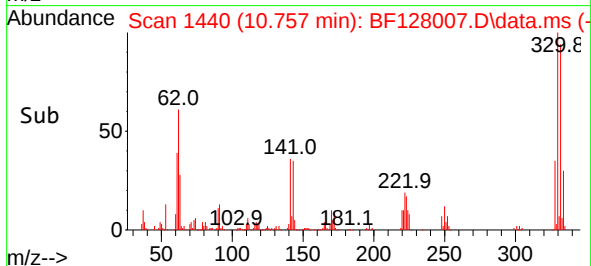
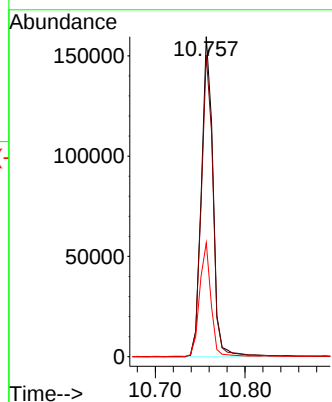
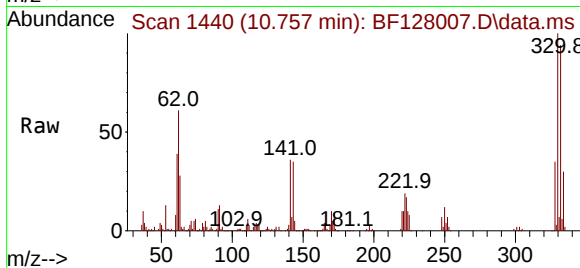
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Tgt Ion:330 Resp: 143070
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 35.0 28.9 43.3

Manual Integrations

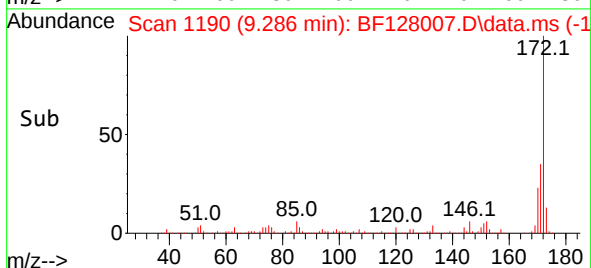
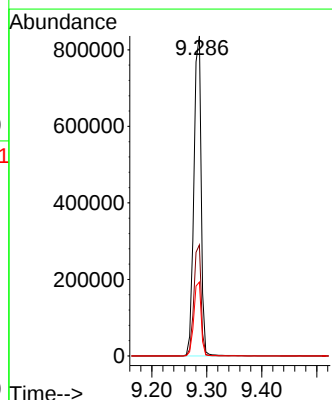
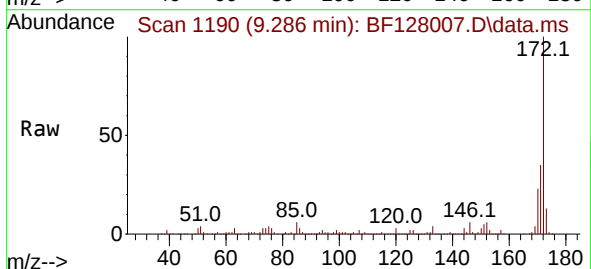
APPROVED

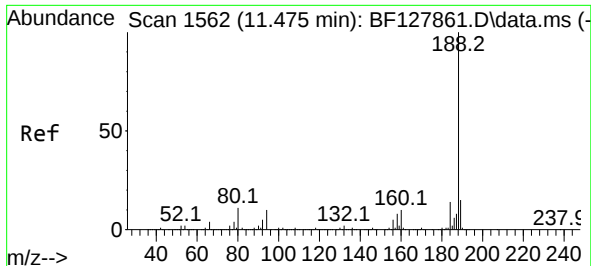
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#45
2-Fluorobiphenyl
Concen: 73.451 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

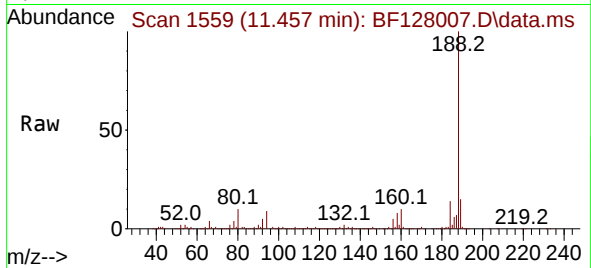
Tgt Ion:172 Resp: 762187
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

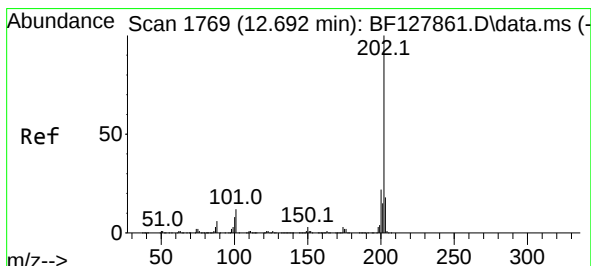
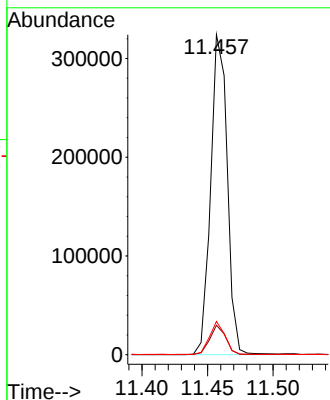
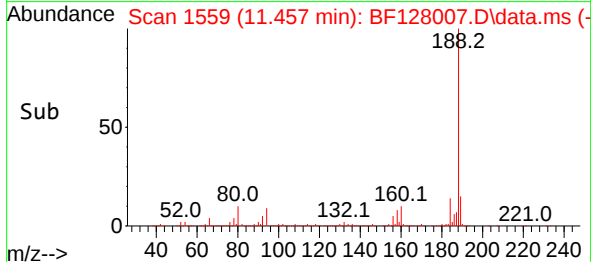
Instrument :
BNA_F
ClientSampleId :
MH-18S



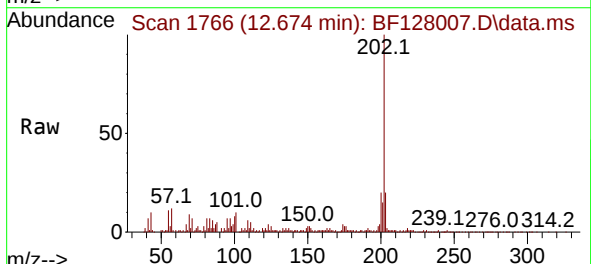
Tgt Ion:188 Resp: 285650
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.4 8.9 13.3

Manual Integrations
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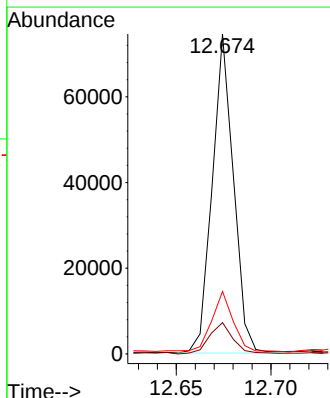
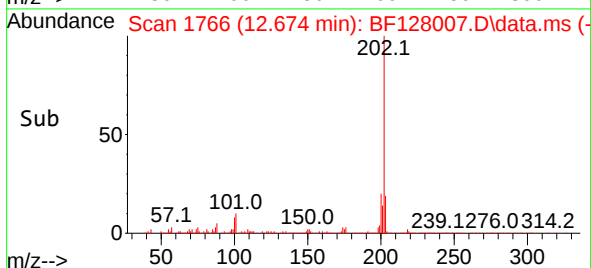
Reviewed By :Christian Giraldo 05/02/2022
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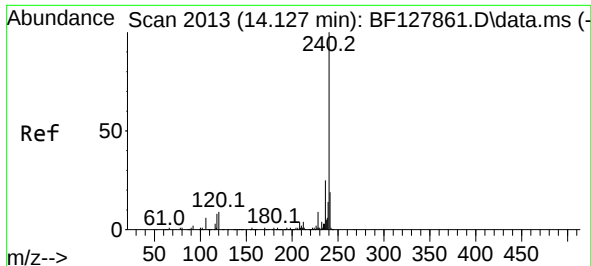


#75
Fluoranthene
Concen: 3.700 ng
RT: 12.674 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04



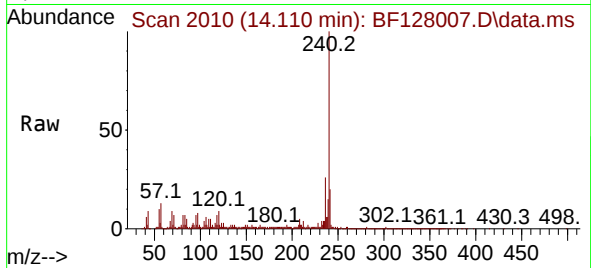
Tgt Ion:202 Resp: 58219
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.6
203 19.5 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

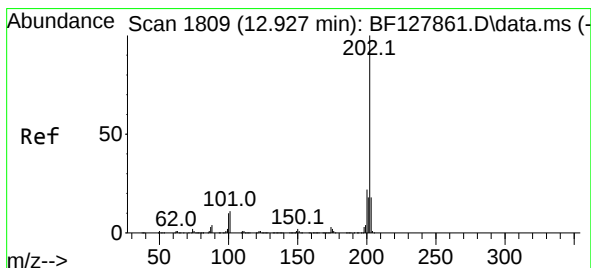
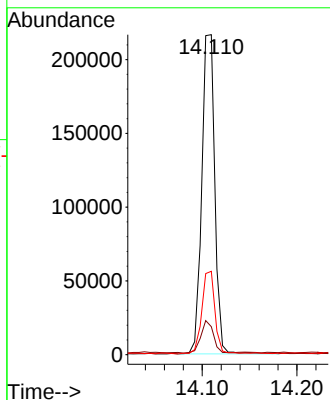
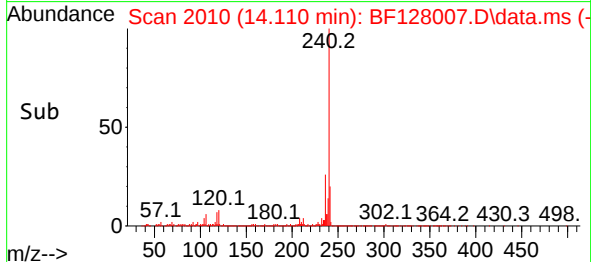
Instrument :
BNA_F
ClientSampleId :
MH-18S



Tgt Ion:240 Resp: 20615
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.1 20.3 30.5

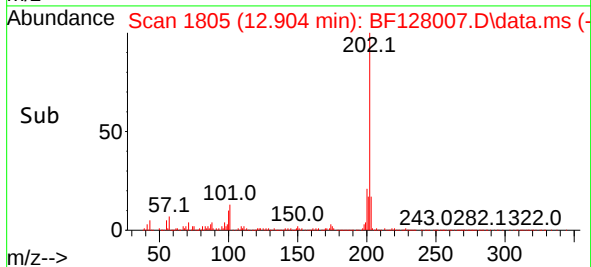
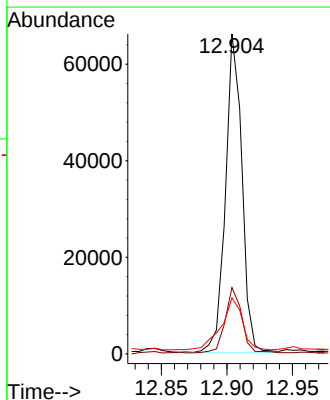
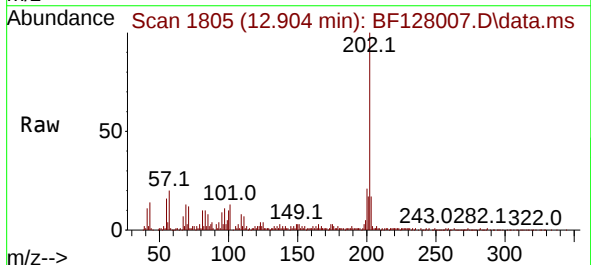
Manual Integrations
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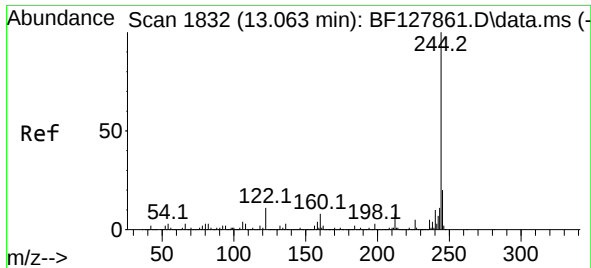
Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022



#78
Pyrene
Concen: 3.440 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF128007.D
Acq: 29 Apr 2022 21:04

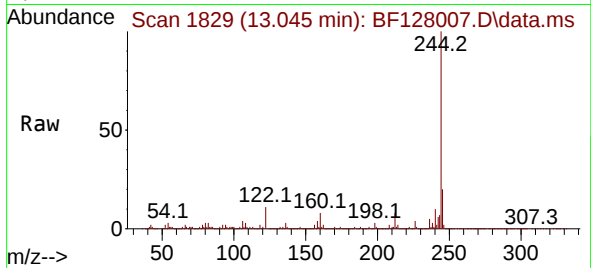
Tgt Ion:202 Resp: 57248
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.5 14.0 21.0





#79
 Terphenyl-d14
 Concen: 57.258 ng
 RT: 13.045 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF128007.D
 Acq: 29 Apr 2022 21:04

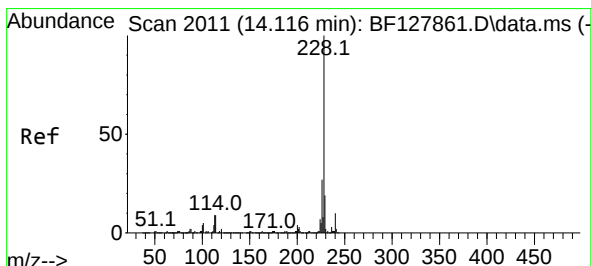
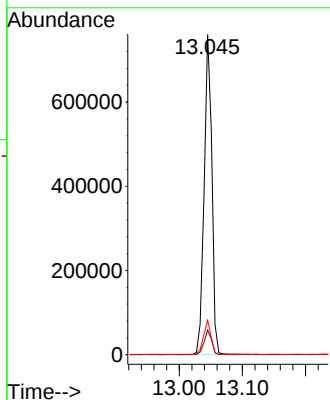
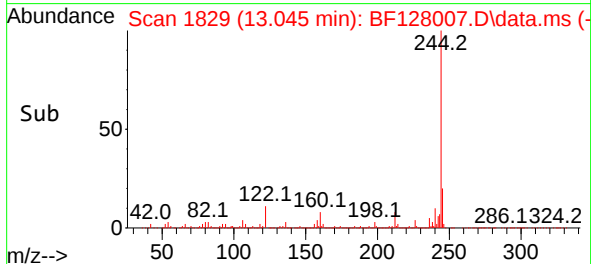
Instrument :
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 MH-18S



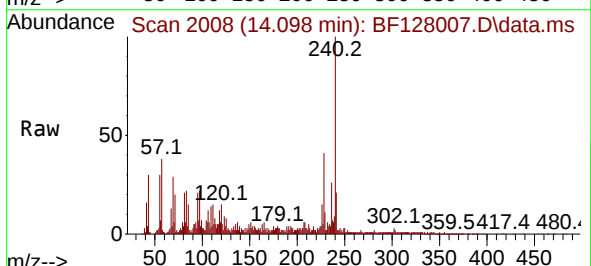
Tgt Ion:244 Resp: 645536
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.7 8.6 12.8

Manual Integrations
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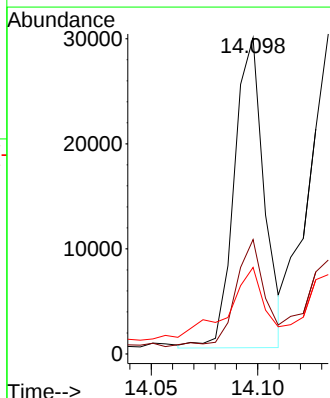
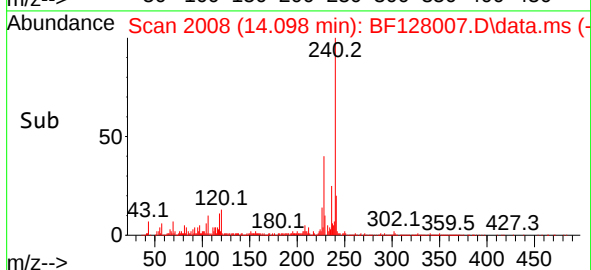
Reviewed By :Christian Giraldo 05/02/2022
 Supervised By :Jagrut Upadhyay 05/02/2022

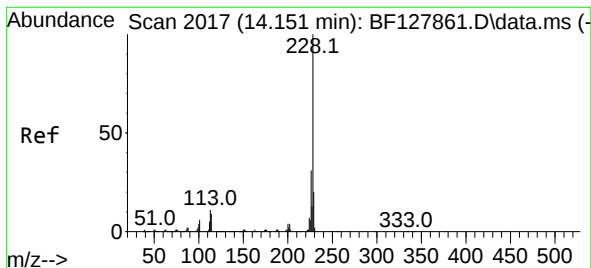


#81
 Benzo(a)anthracene
 Concen: 2.104 ng
 RT: 14.098 min Scan# 2008
 Delta R.T. -0.006 min
 Lab File: BF128007.D
 Acq: 29 Apr 2022 21:04



Tgt Ion:228 Resp: 28905
 Ion Ratio Lower Upper
 228 100
 226 36.2 21.7 32.5#
 229 27.4 15.4 23.2#





#83

Chrysene

Concen: 2.265 ng

RT: 14.133 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF128007.D

Acq: 29 Apr 2022 21:04

Instrument :

BNA_F

ClientSampleId :

MH-18S

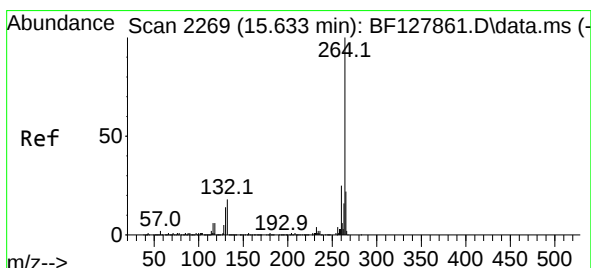
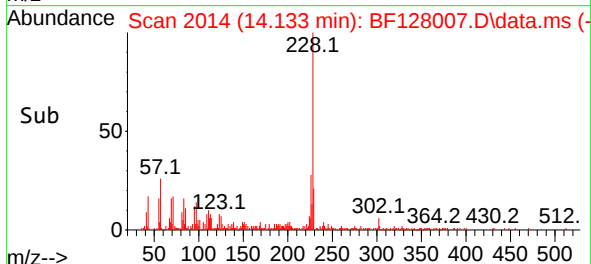
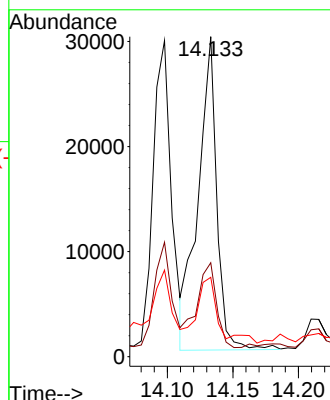
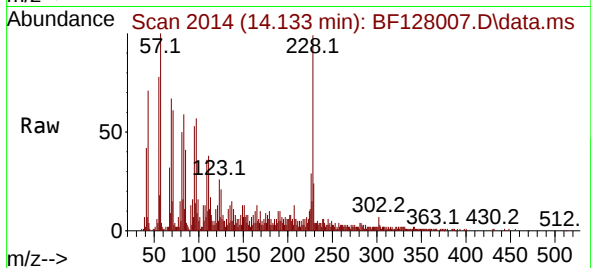
Tgt Ion:	228	Resp:	29724
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.4	36.6
229	24.8	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#86

Perylene-d12

Concen: 20.000 ng

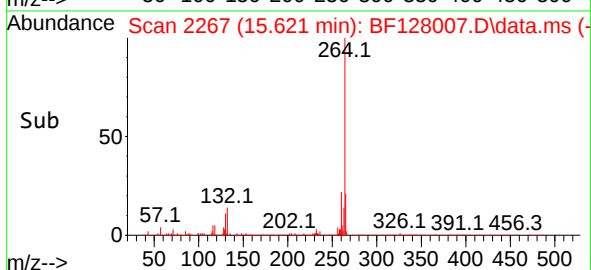
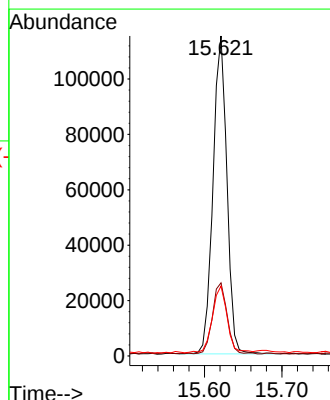
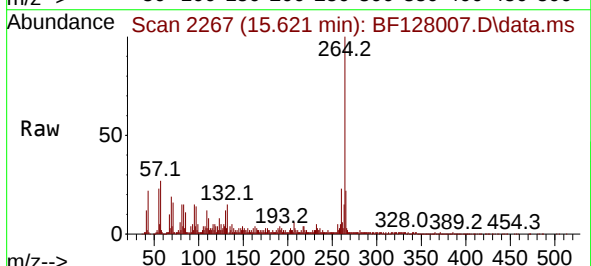
RT: 15.621 min Scan# 2267

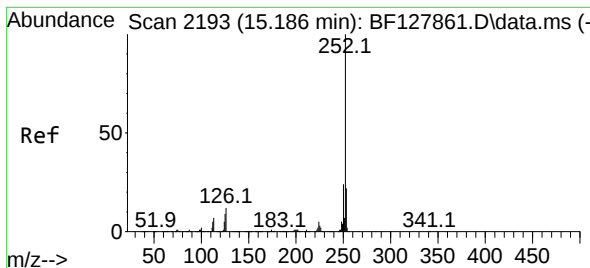
Delta R.T. 0.000 min

Lab File: BF128007.D

Acq: 29 Apr 2022 21:04

Tgt Ion:	264	Resp:	142909
Ion Ratio	Lower	Upper	
264	100		
260	22.9	20.1	30.1
265	21.8	17.5	26.3





#88

Benzo(b)fluoranthene

Concen: 3.747 ng m

RT: 15.168 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF128007.D

Acq: 29 Apr 2022 21:04

Instrument :

BNA_F

ClientSampleId :

MH-18S

Tgt Ion:252 Resp: 33629

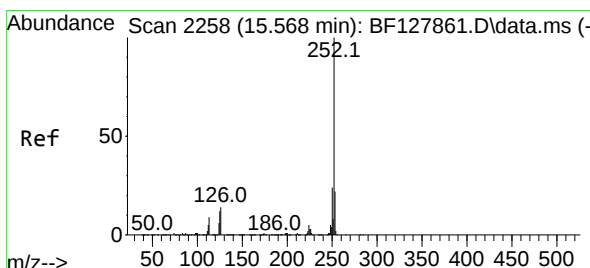
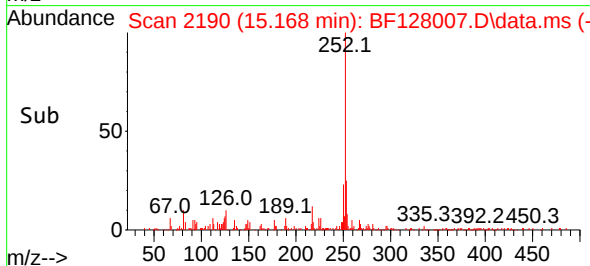
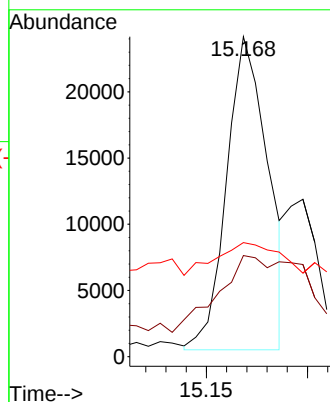
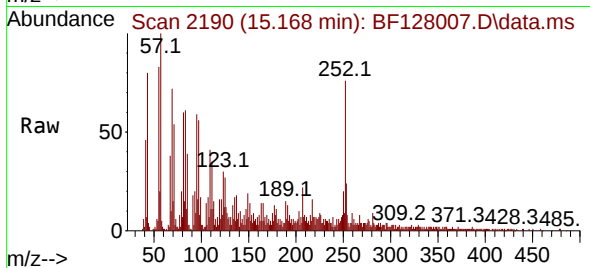
Ion	Ratio	Lower	Upper
252	100		
253	31.6	17.4	26.2
125	35.6	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2022

Supervised By :Jagrut Upadhyay 05/02/2022



#90

Benzo(a)pyrene

Concen: 3.099 ng

RT: 15.551 min Scan# 2255

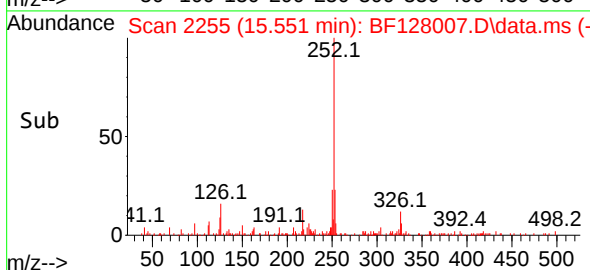
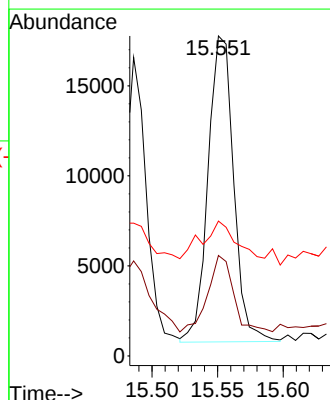
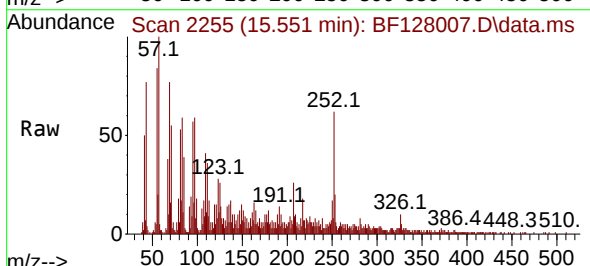
Delta R.T. -0.006 min

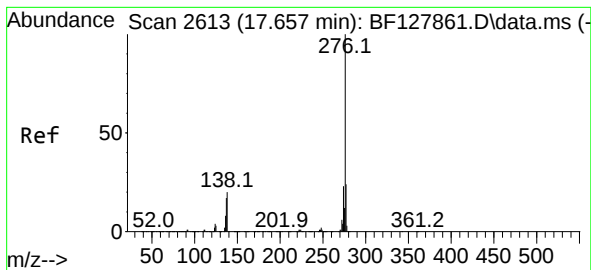
Lab File: BF128007.D

Acq: 29 Apr 2022 21:04

Tgt Ion:252 Resp: 23072

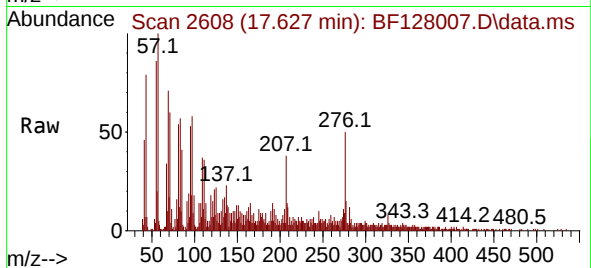
Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.8	26.6
125	42.1	9.2	13.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.207 ng
 RT: 17.627 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF128007.D
 Acq: 29 Apr 2022 21:04

Instrument :
 BNA_F
 ClientSampleId :
 MH-18S



Tgt Ion: 276 Resp: 1779

Ion	Ratio	Lower	Upper
276	100		
277	30.9	18.8	28.2
138	26.2	16.2	24.2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2022
 Supervised By : Jagrut Upadhyay 05/02/2022

