

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128683.D
 Acq On : 03 Jun 2022 17:09
 Operator : CG\JU
 Sample : N3113-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/06/2022
 Supervised By : Jagrut Upadhyay 06/06/2022

Quant Time: Jun 03 23:42:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	74394	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	267537	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	127221	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	196414	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	183427	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	161218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	398197	85.257	ng	0.00
7) Phenol-d6	6.481	99	503222	88.266	ng	-0.02
23) Nitrobenzene-d5	7.386	82	368587	64.144	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	110298	73.376	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	622135	68.502	ng	-0.01
79) Terphenyl-d14	12.939	244	560138	53.063	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	39520	4.011	ng	99
75) Fluoranthene	12.563	202	80967	7.862	ng	94
78) Pyrene	12.792	202	77353	5.668	ng	98
81) Benzo(a)anthracene	13.980	228	49472	4.327	ng	93
83) Chrysene	14.015	228	46222	4.240	ng	96
87) Indeno(1,2,3-cd)pyrene	16.898	276	20222m	2.081	ng	
88) Benzo(b)fluoranthene	15.027	252	53100m	5.155	ng	
89) Benzo(k)fluoranthene	15.051	252	19555m	2.018	ng	
90) Benzo(a)pyrene	15.392	252	37118m	4.584	ng	
92) Benzo(g,h,i)perylene	17.339	276	20362	2.549	ng	# 91

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

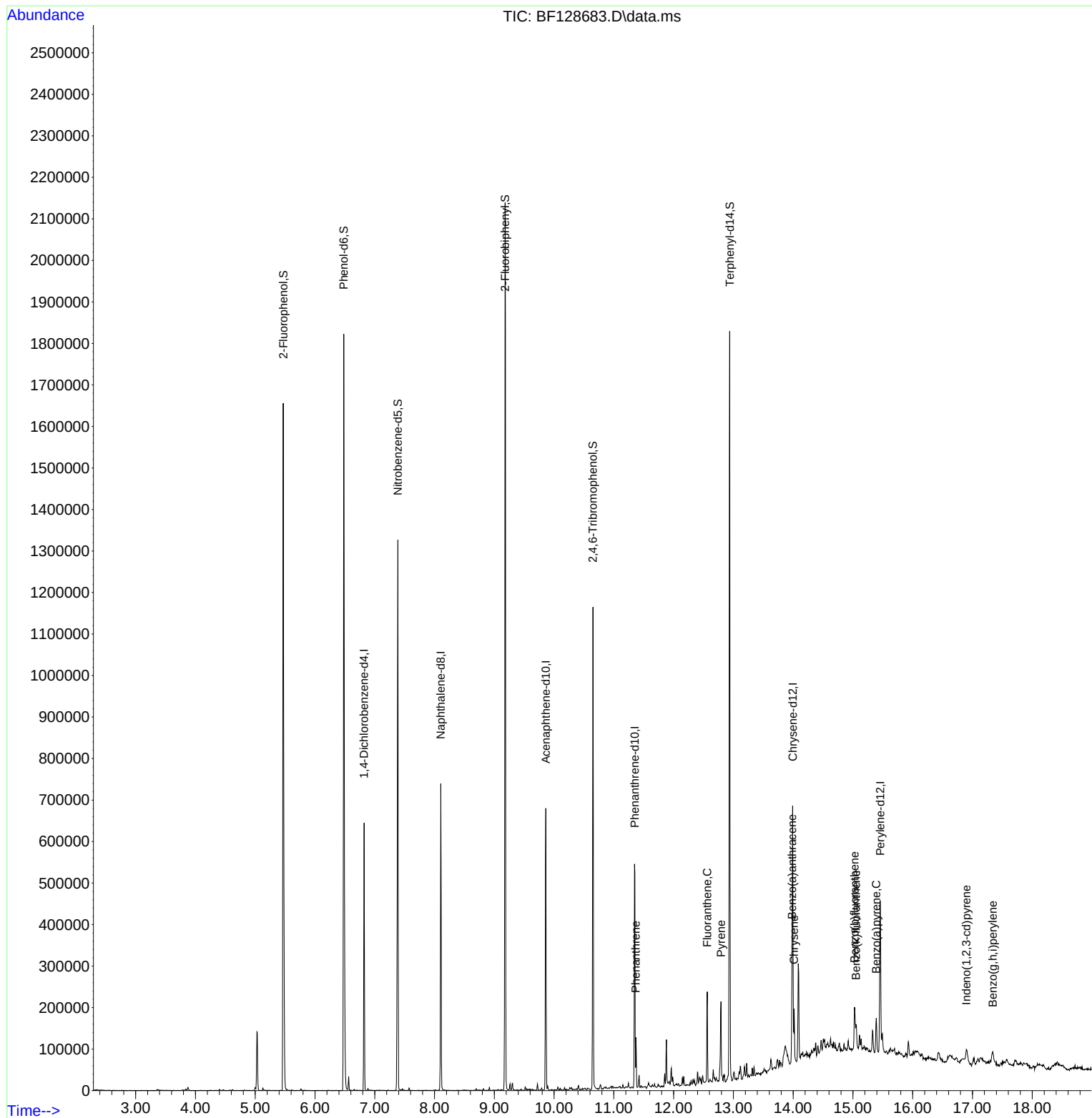
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
Data File : BF128683.D
Acq On : 03 Jun 2022 17:09
Operator : CG\JU
Sample : N3113-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

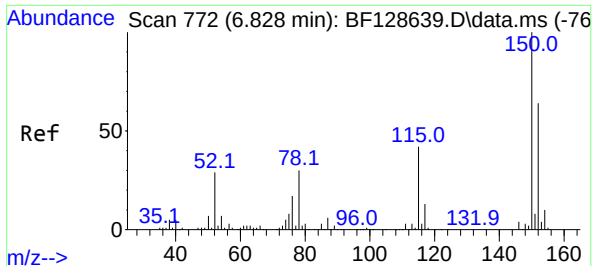
Instrument :
BNA_F
ClientSampleId :
357

Quant Time: Jun 03 23:42:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

Manual Integrations
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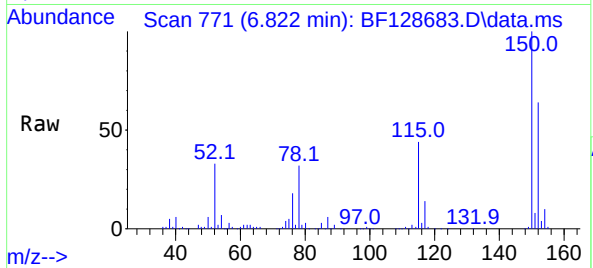
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

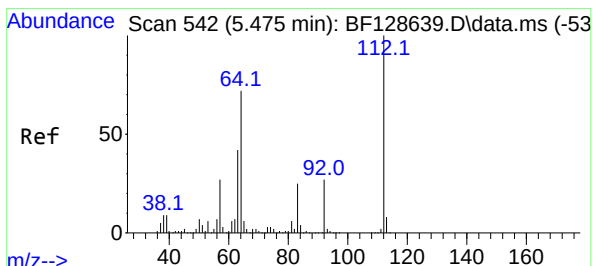
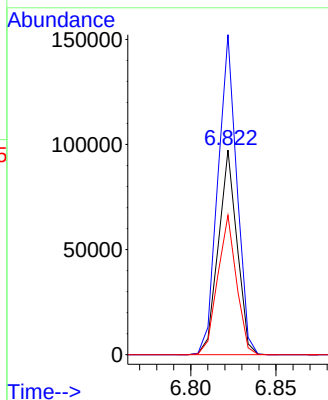
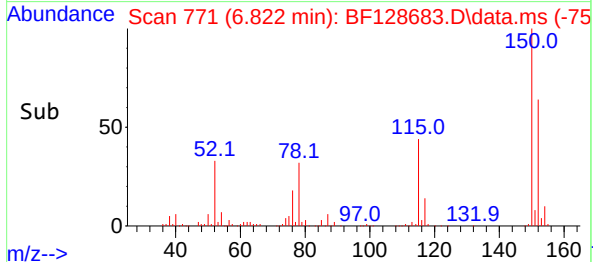
Instrument :
BNA_F
ClientSampleId :
357



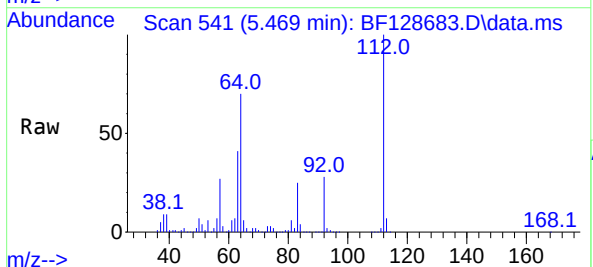
Tgt Ion:152 Resp: 74394
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 68.1 49.9 74.9

Manual Integrations
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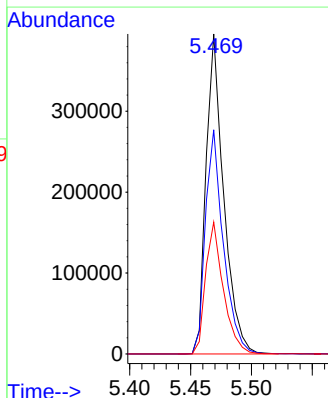
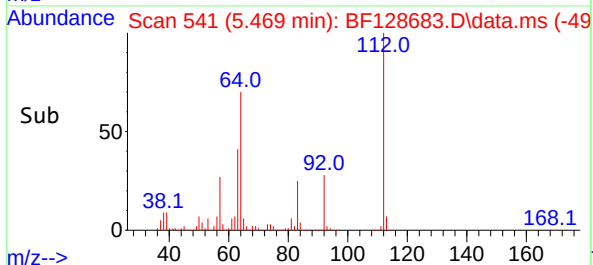
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

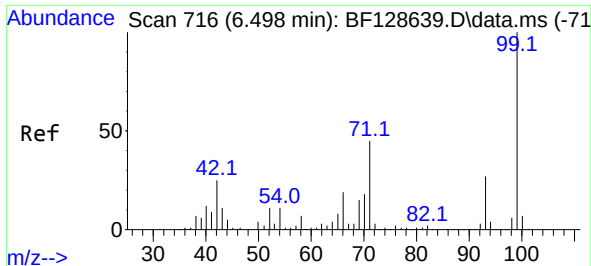


#5
2-Fluorophenol
Concen: 85.257 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09



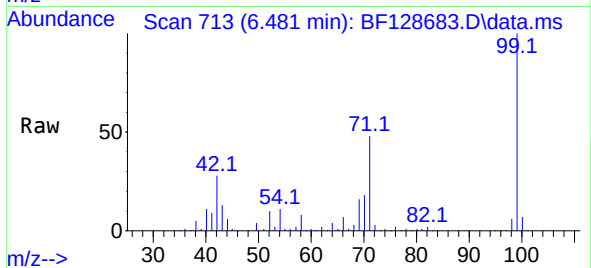
Tgt Ion:112 Resp: 398197
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 41.2 28.0 42.0





#7
Phenol-d6
Concen: 88.266 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.017 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

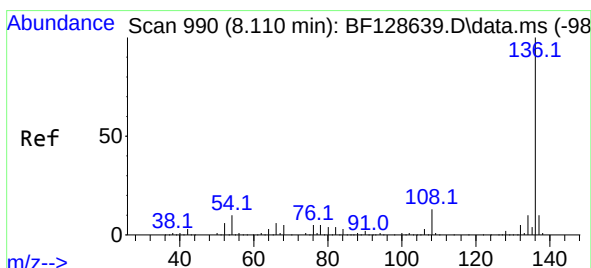
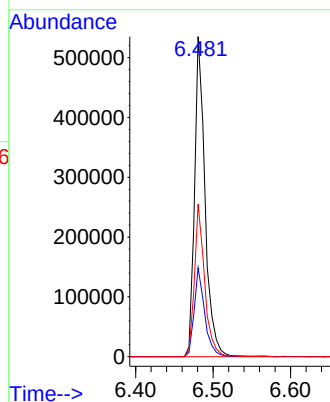
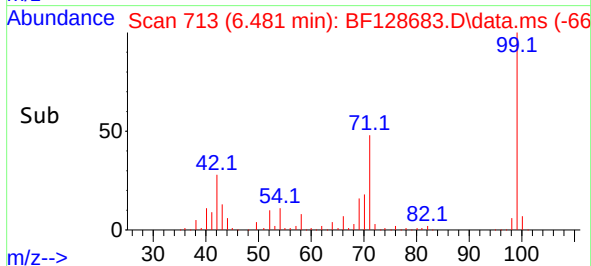
Instrument :
BNA_F
ClientSampleId :
357



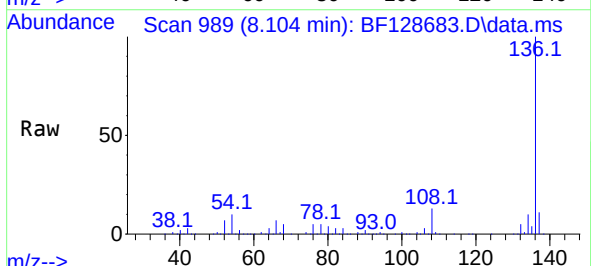
Tgt Ion: 99 Resp: 50322
Ion Ratio Lower Upper
99 100
42 27.8 17.3 25.9
71 47.6 28.9 43.3

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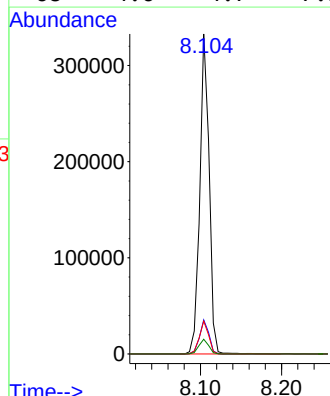
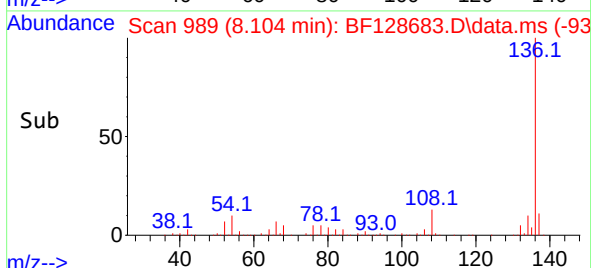
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

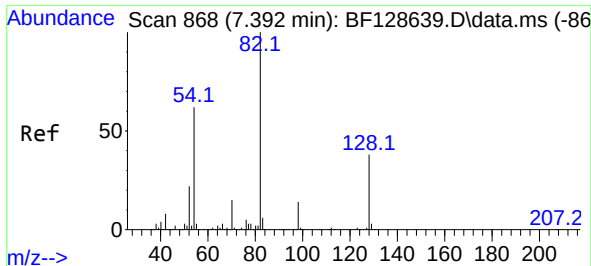


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09



Tgt Ion:136 Resp: 267537
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.3 7.5 11.3
68 4.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 64.144 ng

RT: 7.386 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128683.D

Acq: 03 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

357

Tgt Ion: 82 Resp: 36858

Ion Ratio Lower Upper

82 100

128 39.7 34.0 51.0

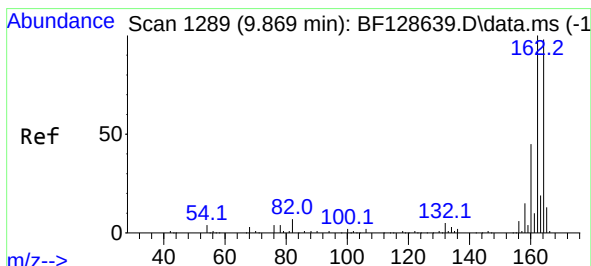
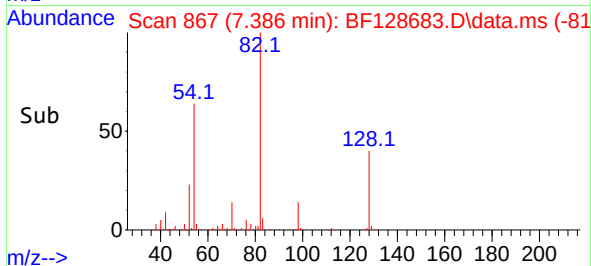
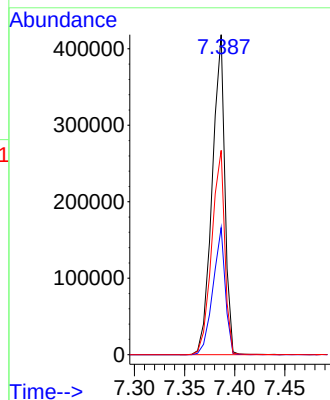
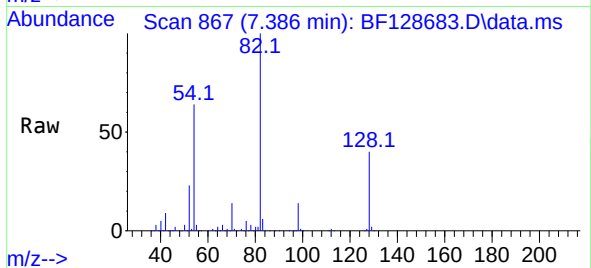
54 63.8 46.9 70.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/06/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128683.D

Acq: 03 Jun 2022 17:09

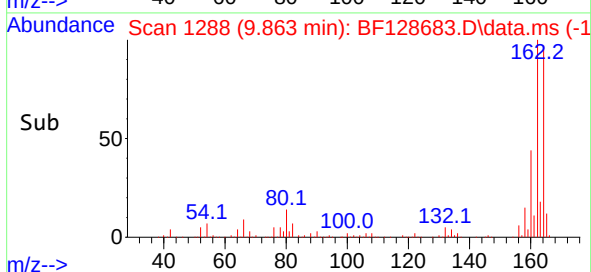
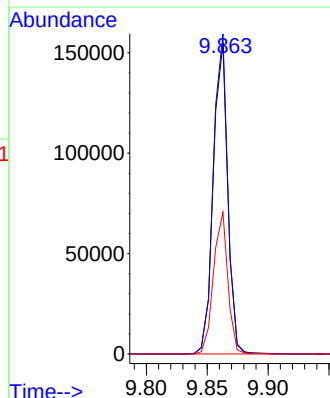
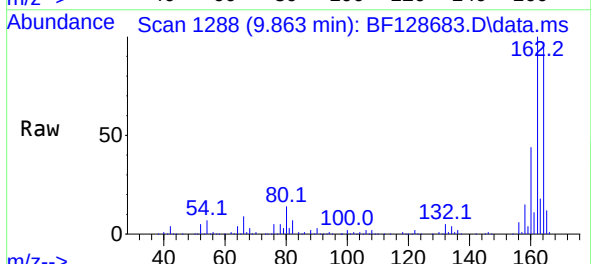
Tgt Ion:164 Resp: 127221

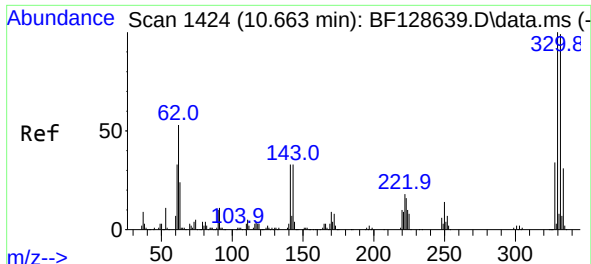
Ion Ratio Lower Upper

164 100

162 102.9 79.5 119.3

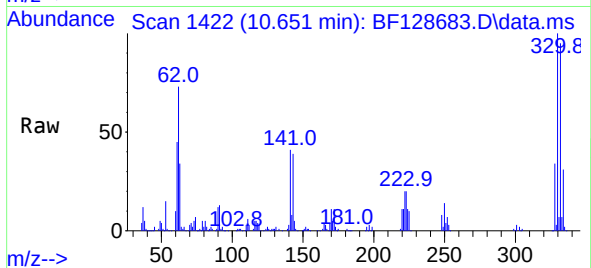
160 45.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 73.376 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

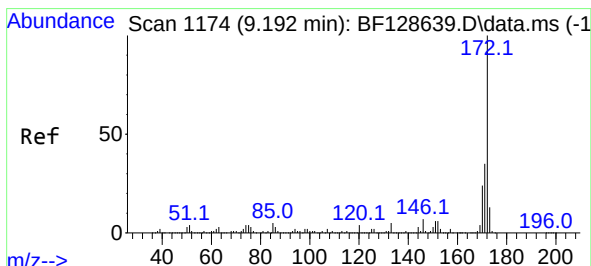
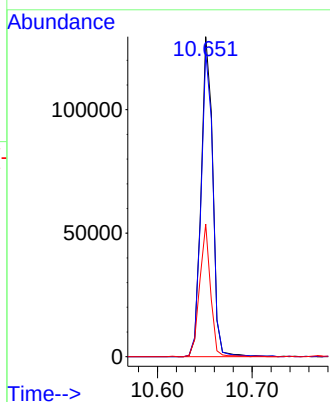
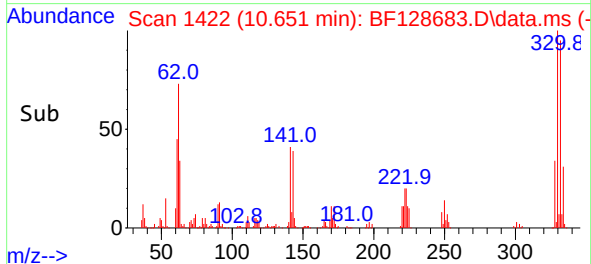
Instrument :
BNA_F
ClientSampleId :
357



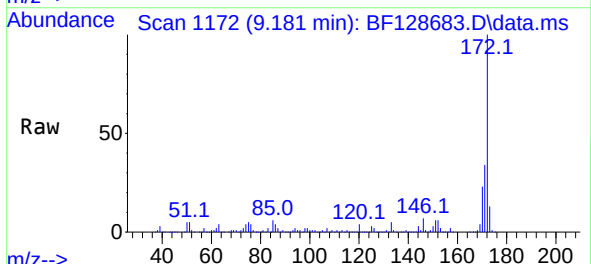
Tgt Ion: 330 Resp: 110298
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 38.5 28.0 42.0

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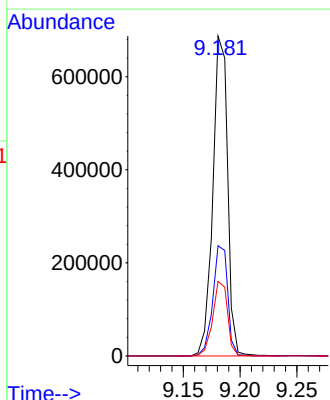
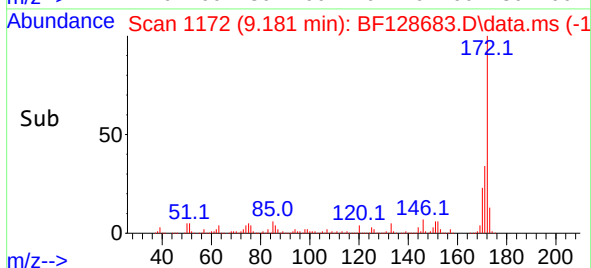
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022

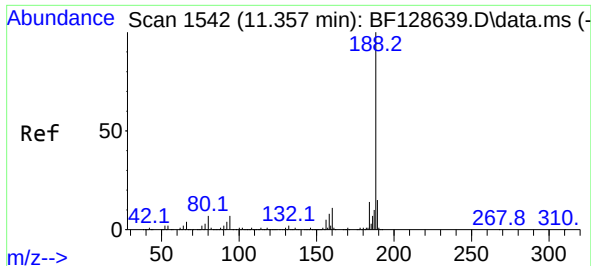


#45
2-Fluorobiphenyl
Concen: 68.502 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09



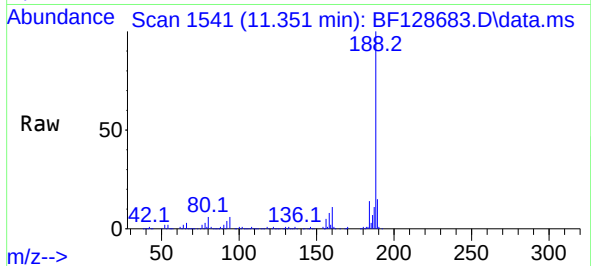
Tgt Ion: 172 Resp: 622135
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 23.3 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

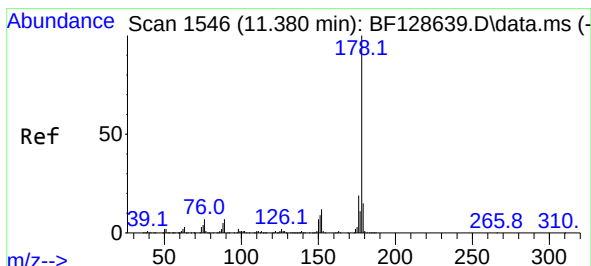
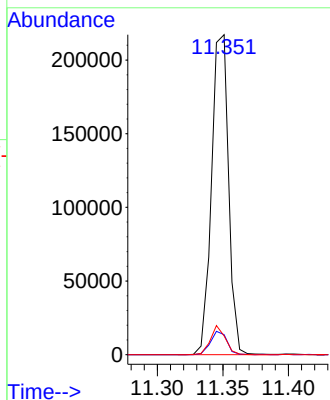
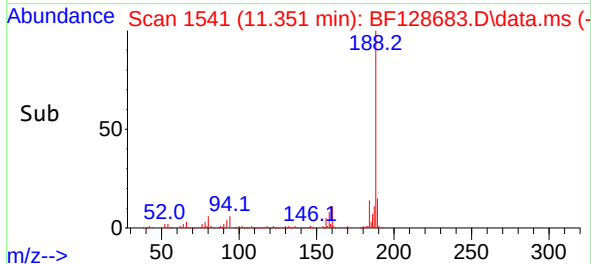
Instrument :
BNA_F
ClientSampleId :
357



Tgt Ion:188 Resp: 196414
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6
80 5.9 7.6 11.4

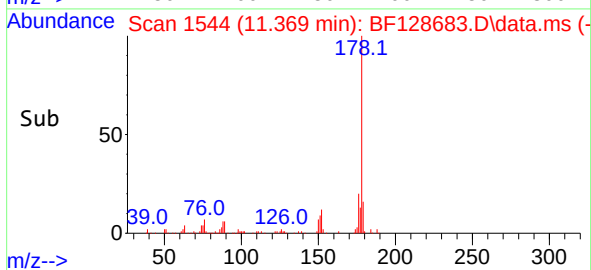
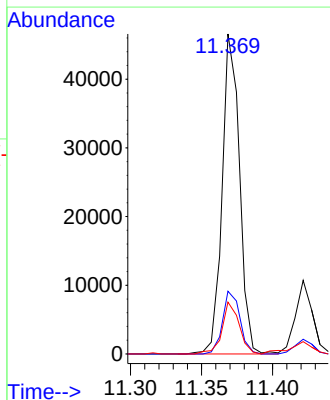
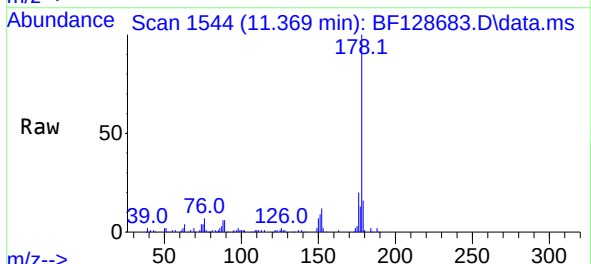
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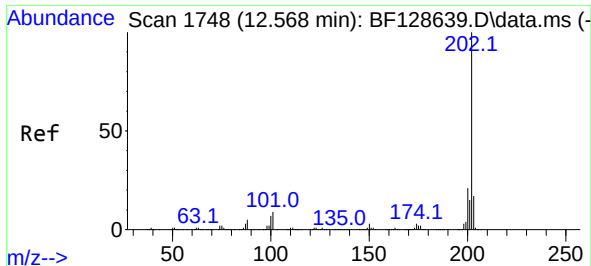
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#71
Phenanthrene
Concen: 4.011 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

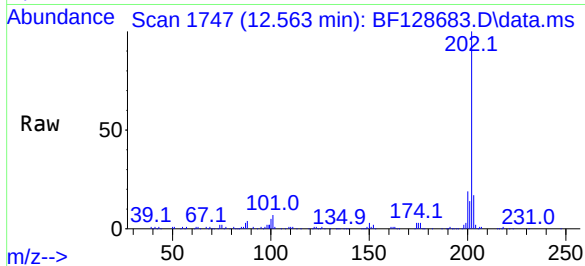
Tgt Ion:178 Resp: 39520
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.2 12.6 19.0





#75
Fluoranthene
Concen: 7.862 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

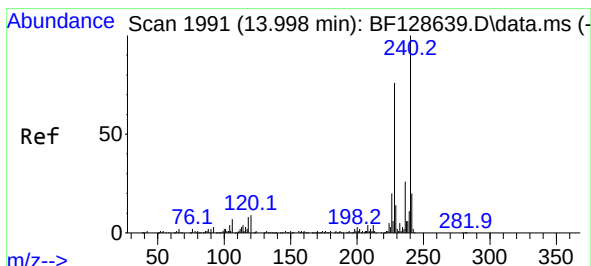
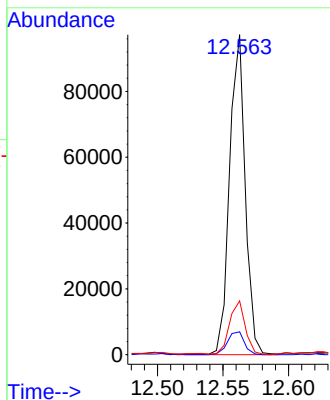
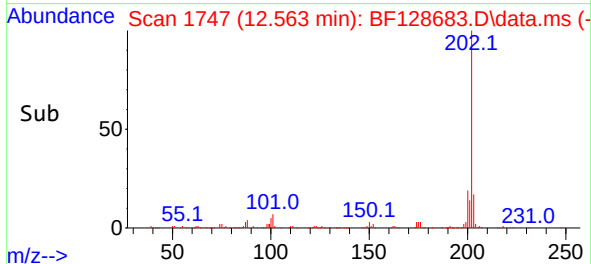
Instrument :
BNA_F
ClientSampleId :
357



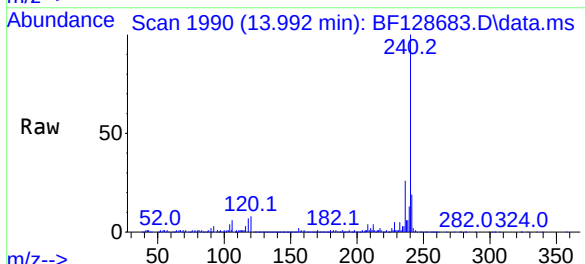
Tgt Ion:202 Resp: 8096
Ion Ratio Lower Upper
202 100
101 7.1 0.0 31.4
203 16.8 0.0 38.0

Manual Integrations
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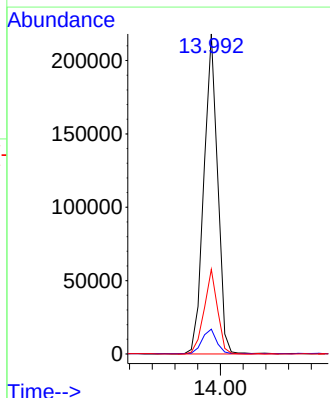
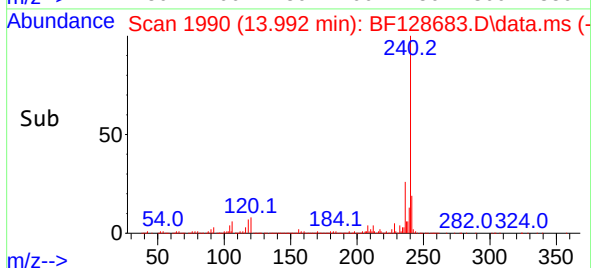
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

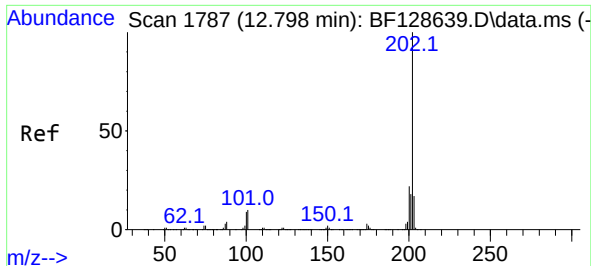


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09



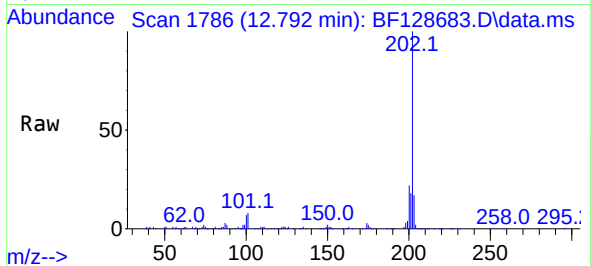
Tgt Ion:240 Resp: 183427
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 26.4 20.8 31.2





#78
Pyrene
Concen: 5.668 ng
RT: 12.792 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

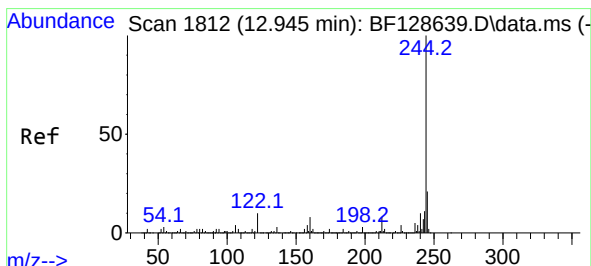
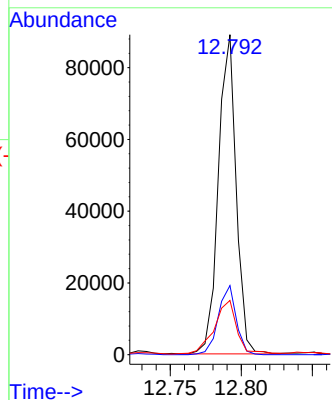
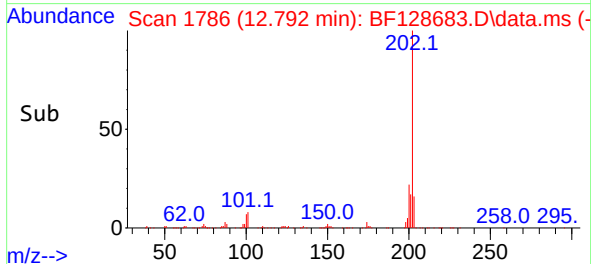
Instrument :
BNA_F
ClientSampleId :
357



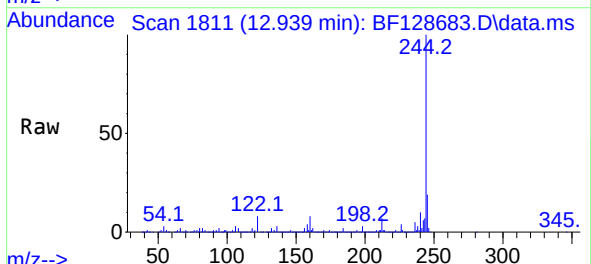
Tgt Ion:202 Resp: 7735
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 16.9 14.6 21.8

Manual Integrations
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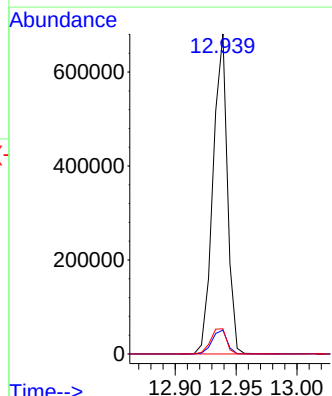
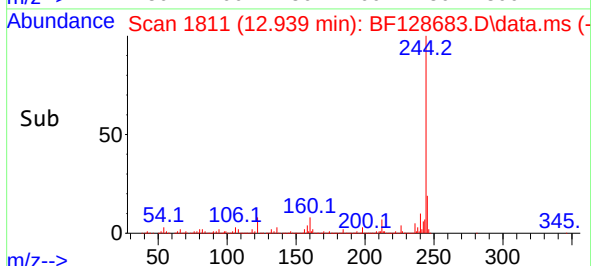
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

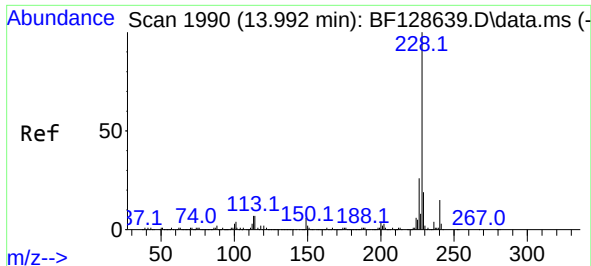


#79
Terphenyl-d14
Concen: 53.063 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09



Tgt Ion:244 Resp: 560138
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 7.8 8.8 13.2#





#81

Benzo(a)anthracene

Concen: 4.327 ng

RT: 13.980 min Scan# 1988

Delta R.T. -0.012 min

Lab File: BF128683.D

Acq: 03 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

357

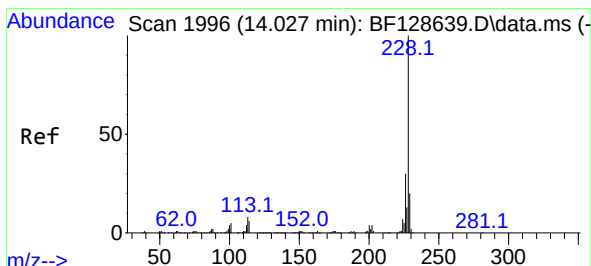
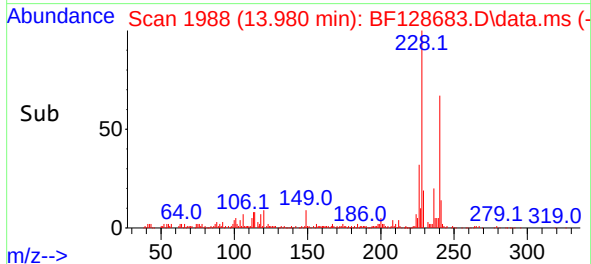
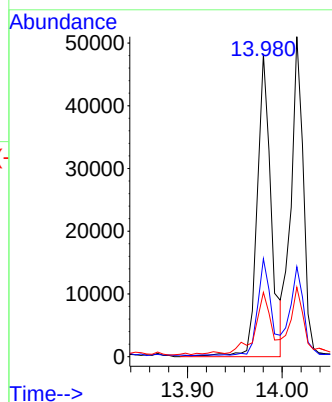
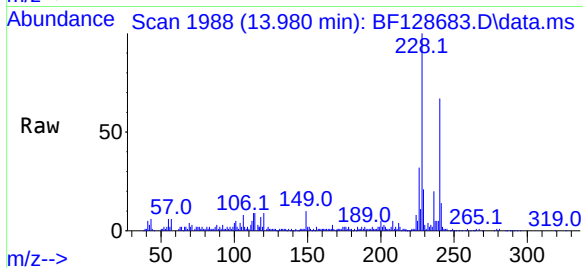
Tgt Ion:228	Resp:	4947
Ion Ratio	Lower	Upper
228	100	
226	32.4	22.1 33.1
229	21.3	15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#83

Chrysene

Concen: 4.240 ng

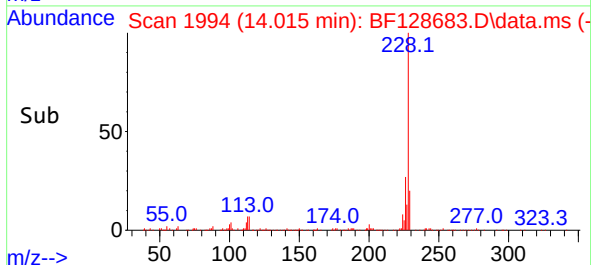
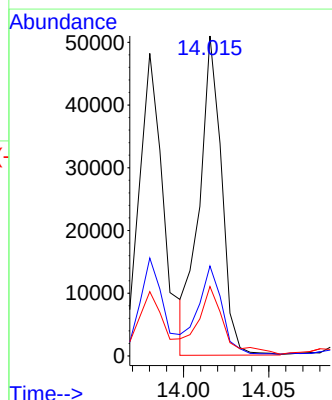
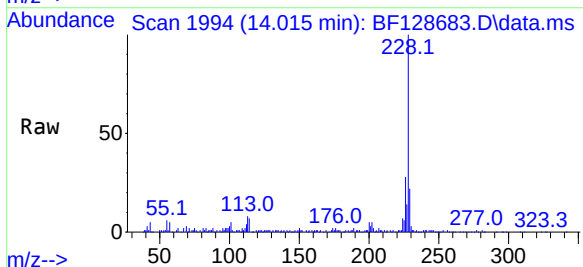
RT: 14.015 min Scan# 1994

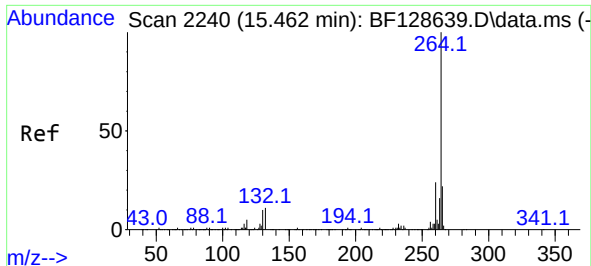
Delta R.T. -0.012 min

Lab File: BF128683.D

Acq: 03 Jun 2022 17:09

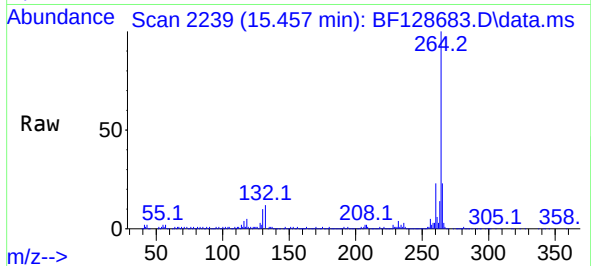
Tgt Ion:228	Resp:	46222
Ion Ratio	Lower	Upper
228	100	
226	28.1	24.3 36.5
229	21.7	15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

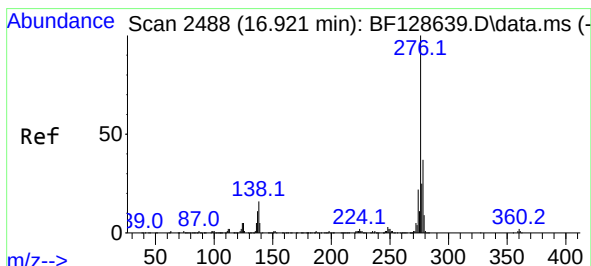
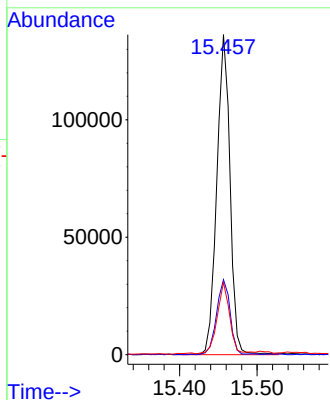
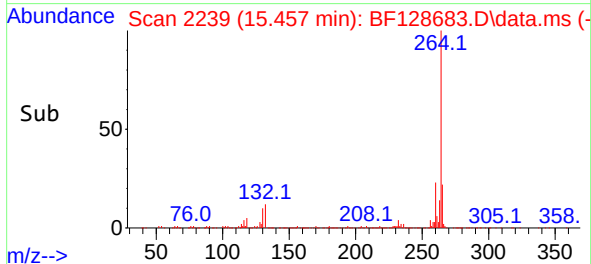
Instrument :
BNA_F
ClientSampleId :
357



Tgt Ion:264 Resp: 161218
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 22.6 17.2 25.8

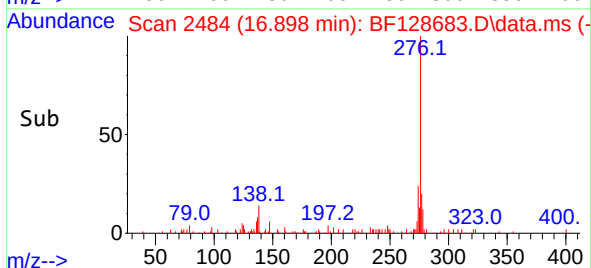
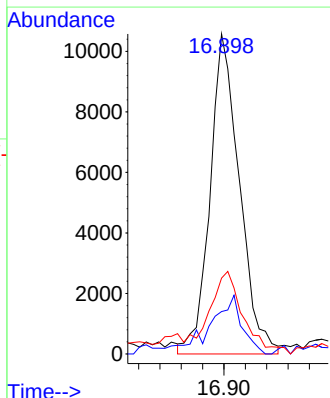
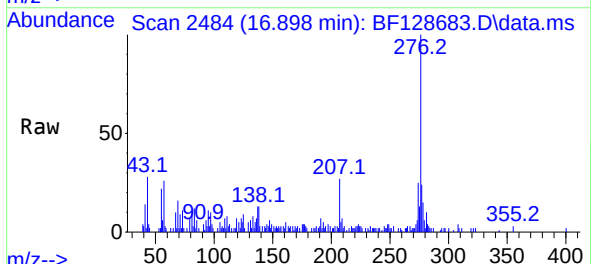
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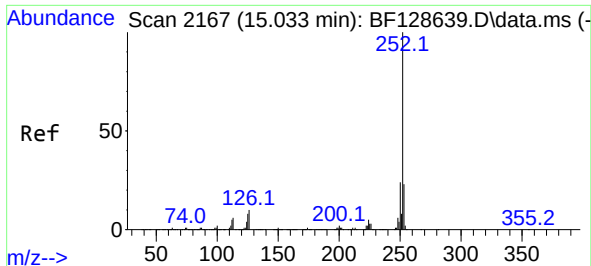
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.081 ng m
RT: 16.898 min Scan# 2484
Delta R.T. -0.024 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

Tgt Ion:276 Resp: 20222
Ion Ratio Lower Upper
276 100
138 5.0 21.1 31.7#
277 5.9 20.3 30.5#





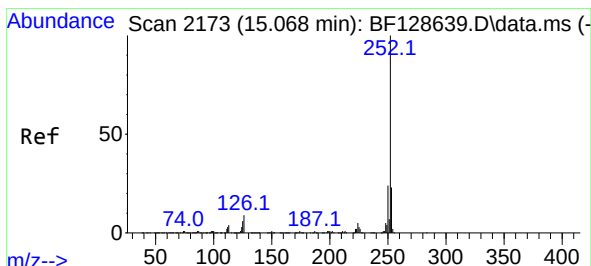
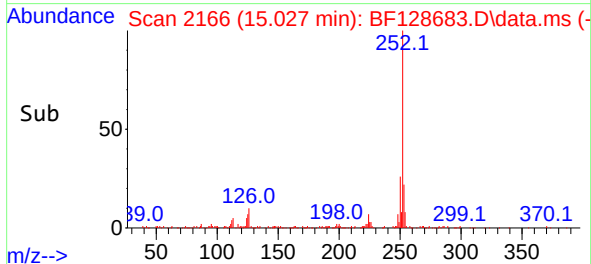
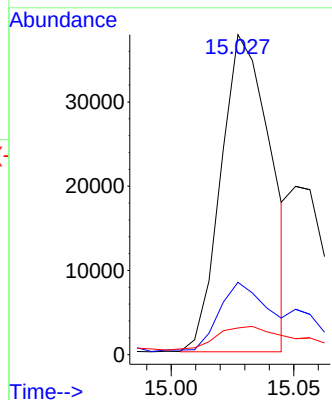
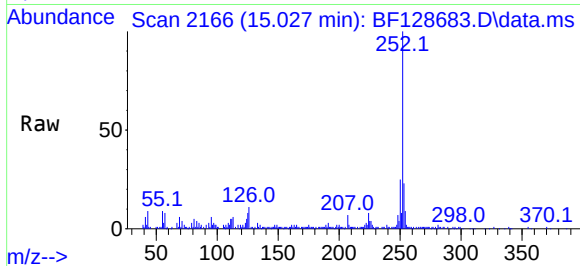
#88
Benzo(b)fluoranthene
Concen: 5.155 ng m
RT: 15.027 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

Instrument :
BNA_F
ClientSampleId :
357

Tgt Ion:252 Resp: 53100
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 8.4 8.0 12.0

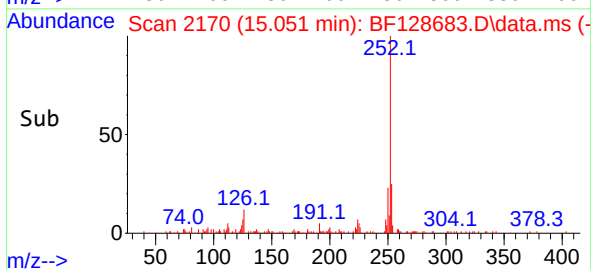
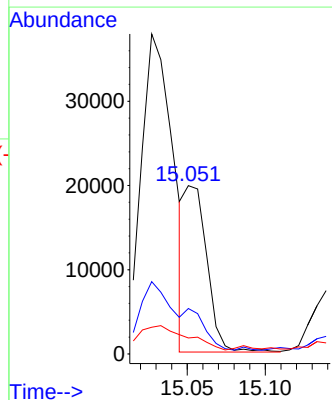
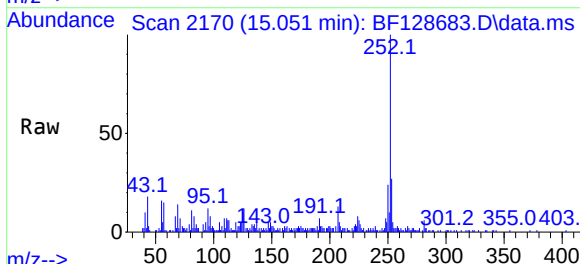
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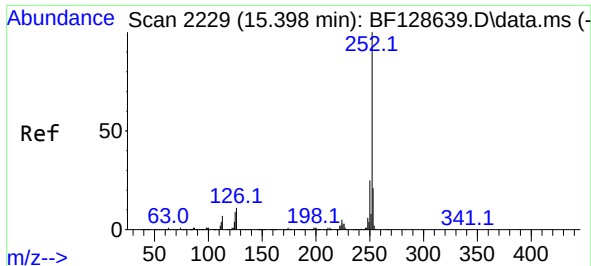
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#89
Benzo(k)fluoranthene
Concen: 2.018 ng m
RT: 15.051 min Scan# 2170
Delta R.T. -0.018 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

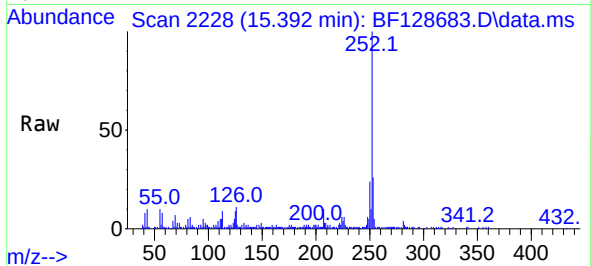
Tgt Ion:252 Resp: 19555
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.6#
125 9.5 8.3 12.5





#90
Benzo(a)pyrene
Concen: 4.584 ng m
RT: 15.392 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09

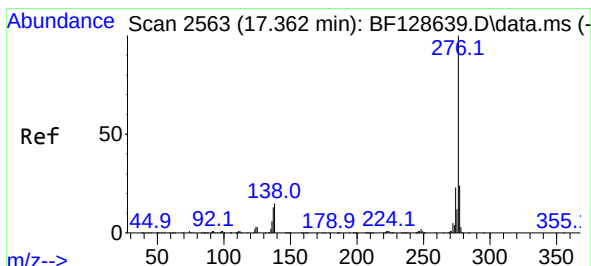
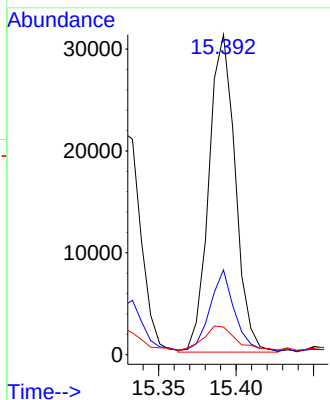
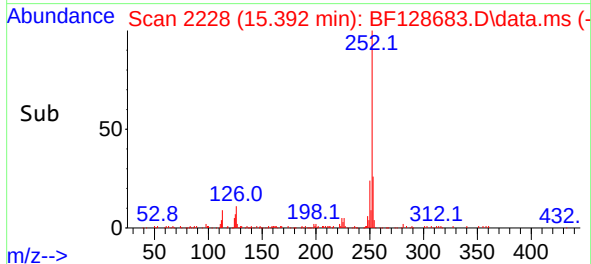
Instrument :
BNA_F
ClientSampleId :
357



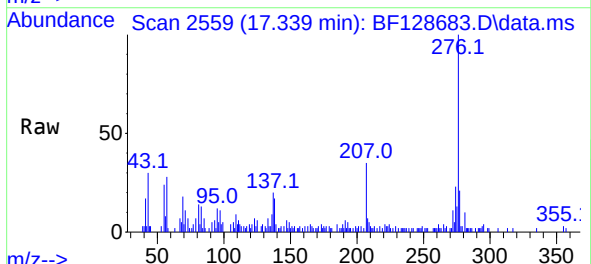
Tgt Ion:252 Resp: 37118
Ion Ratio Lower Upper
252 100
253 26.5 17.0 25.6
125 8.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#92
Benzo(g,h,i)perylene
Concen: 2.549 ng
RT: 17.339 min Scan# 2559
Delta R.T. -0.024 min
Lab File: BF128683.D
Acq: 03 Jun 2022 17:09



Tgt Ion:276 Resp: 20362
Ion Ratio Lower Upper
276 100
277 21.1 19.1 28.7
138 16.8 18.0 27.0

