

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128659.D
 Acq On : 03 Jun 2022 01:39
 Operator : CG\JU
 Sample : N2984-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-1218-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 03:28:34 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	113888	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	438685	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	238791	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	410315	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	229934	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	208655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	630195	88.139	ng	0.00
7) Phenol-d6	6.487	99	826354	94.680	ng	-0.01
23) Nitrobenzene-d5	7.387	82	625396	66.375	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	218203	77.338	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1171702	68.735	ng	0.00
79) Terphenyl-d14	12.945	244	1042773	78.803	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	58873	2.861	ng	98
75) Fluoranthene	12.563	202	117855	5.478	ng	94
78) Pyrene	12.792	202	111607	6.524	ng	99
81) Benzo(a)anthracene	13.980	228	40674m	2.838	ng	
83) Chrysene	14.016	228	55768	4.081	ng	98
88) Benzo(b)fluoranthene	15.027	252	102997m	7.725	ng	
90) Benzo(a)pyrene	15.392	252	41032	3.916	ng	97
92) Benzo(g,h,i)perylene	17.339	276	33340	3.225	ng	# 90

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

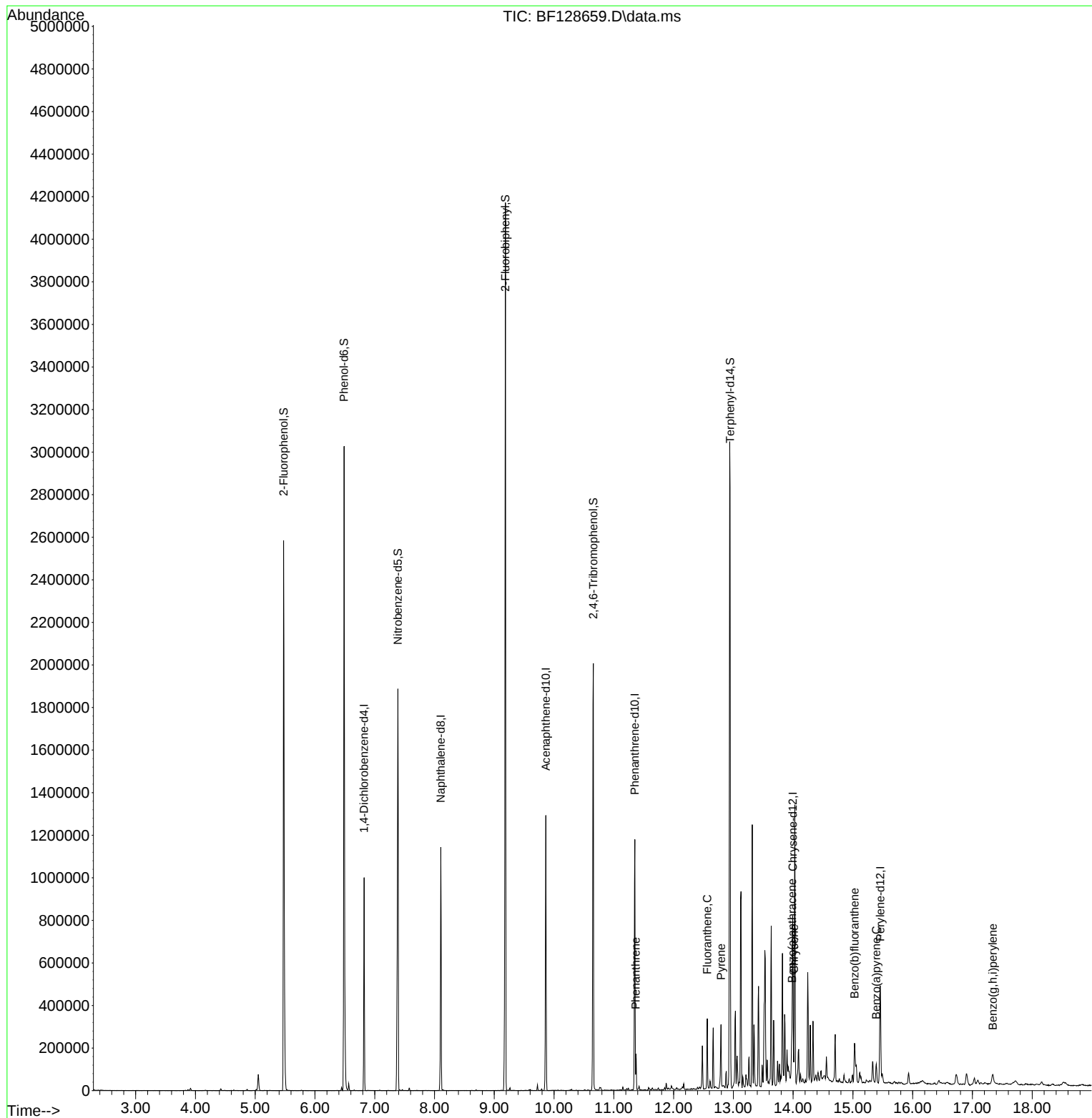
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
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QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

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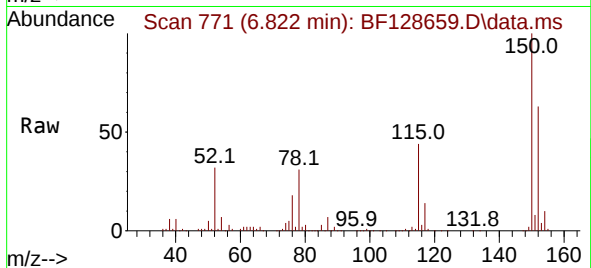
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

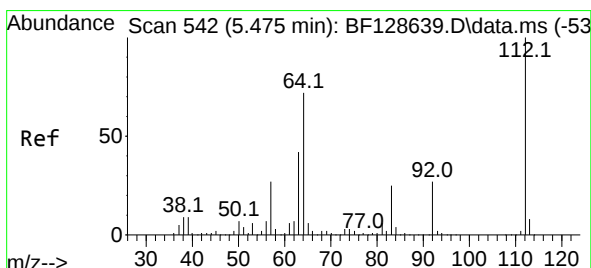
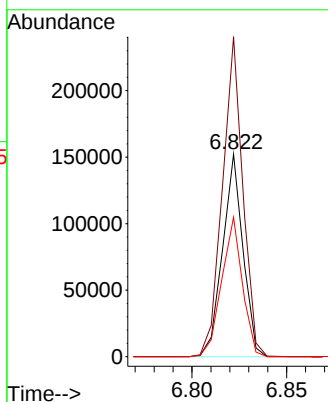
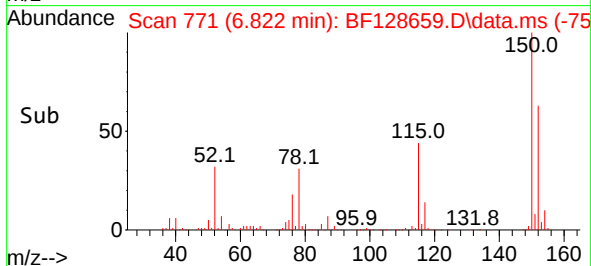
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01



Tgt Ion:152 Resp: 11388
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 68.8 49.9 74.9

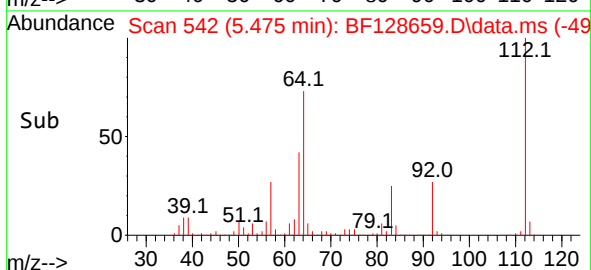
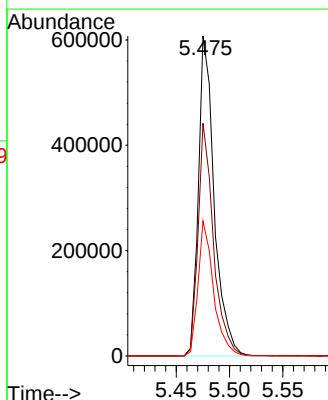
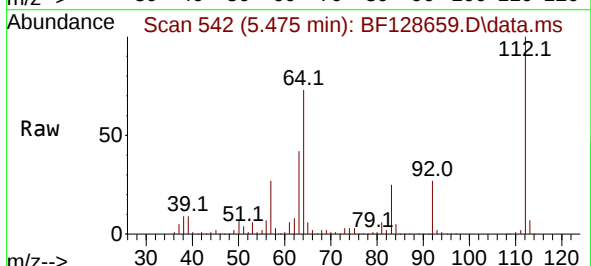
Manual Integrations
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#5
2-Fluorophenol
Concen: 88.139 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.000 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

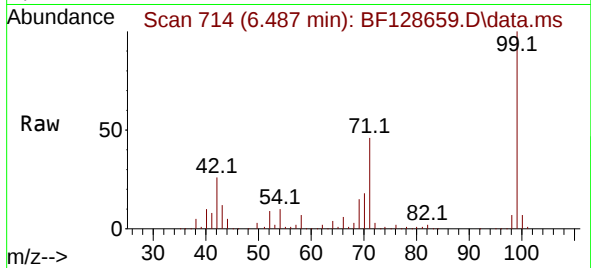
Tgt Ion:112 Resp: 630195
Ion Ratio Lower Upper
112 100
64 72.7 53.3 79.9
63 42.1 28.0 42.0#





#7
Phenol-d6
Concen: 94.680 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

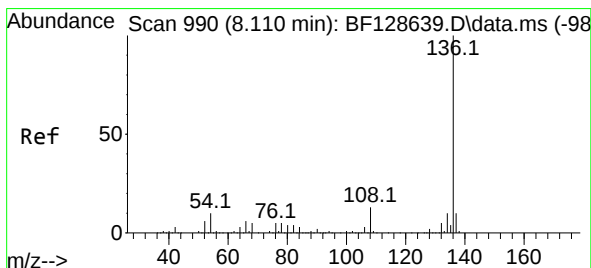
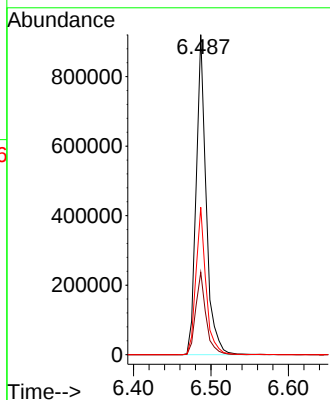
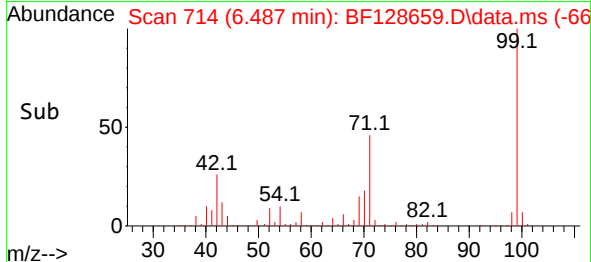
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01



Tgt Ion: 99 Resp: 826354
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 46.0 28.9 43.3

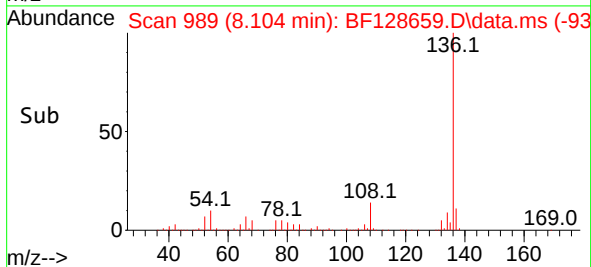
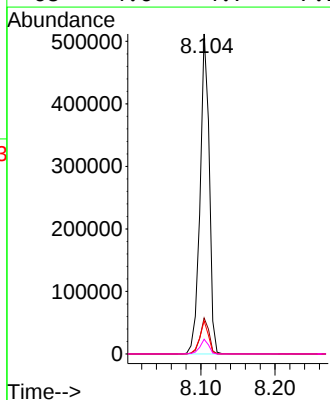
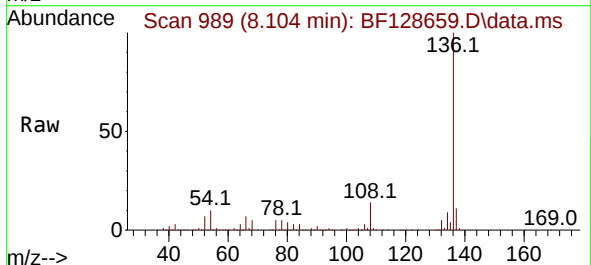
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Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:136 Resp: 438685
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.5 11.3
68 4.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 66.375 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.005 min

Lab File: BF128659.D

Acq: 03 Jun 2022 01:39

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1218-01

Tgt Ion: 82 Resp: 625390

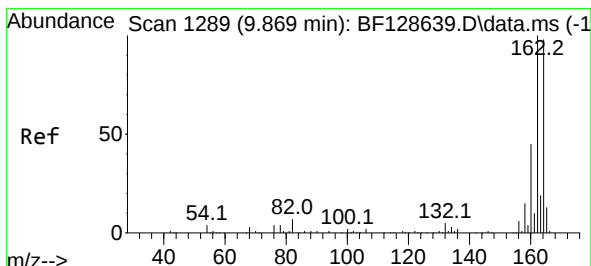
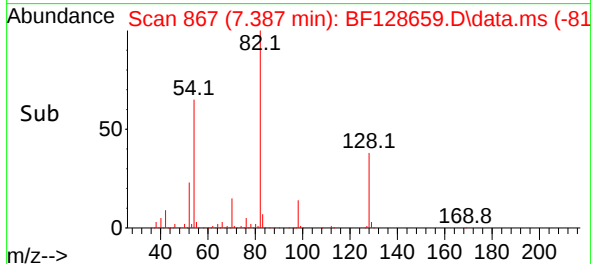
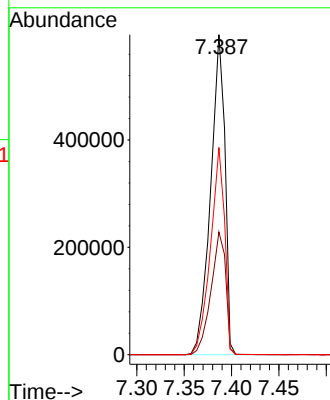
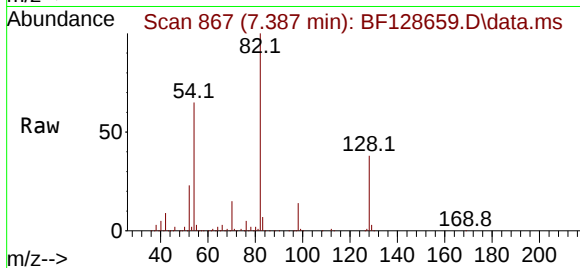
Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.0	51.0
54	64.7	46.9	70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

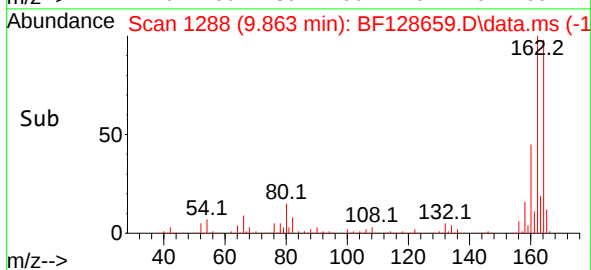
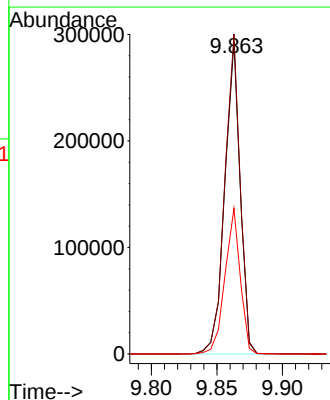
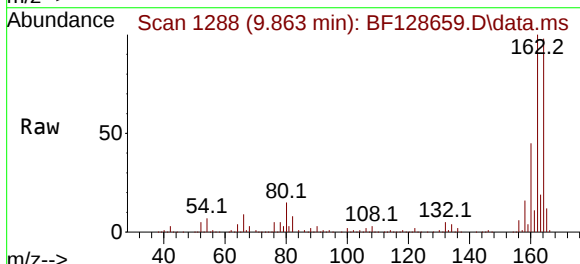
Delta R.T. -0.006 min

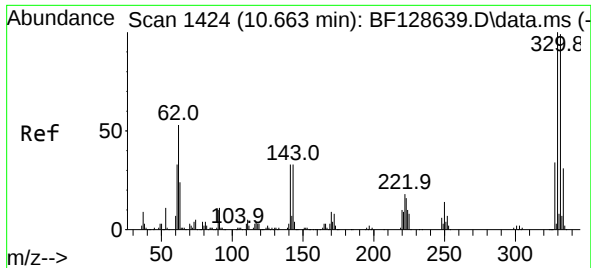
Lab File: BF128659.D

Acq: 03 Jun 2022 01:39

Tgt Ion:164 Resp: 238791

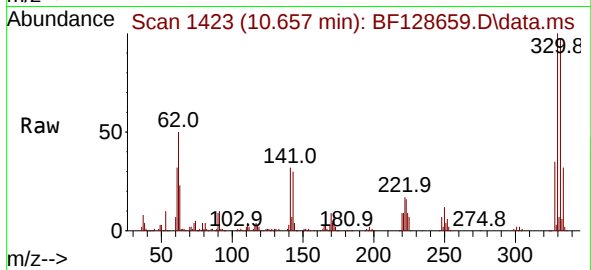
Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.5	119.3
160	46.7	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 77.338 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

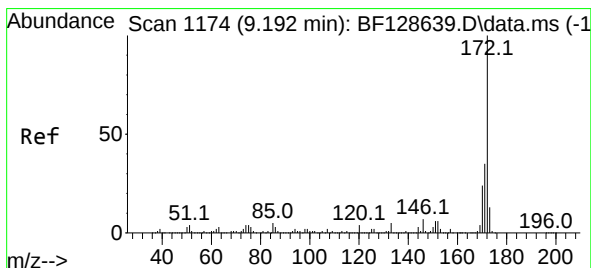
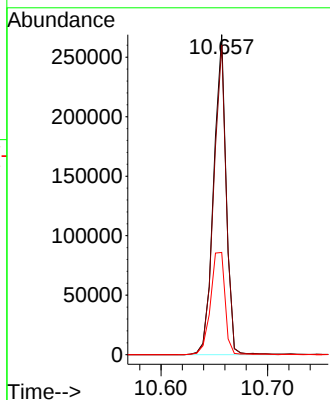
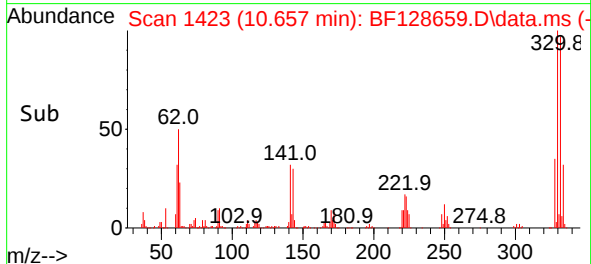
Instrument :
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ClientSampleId :
P021-SS001-1218-01



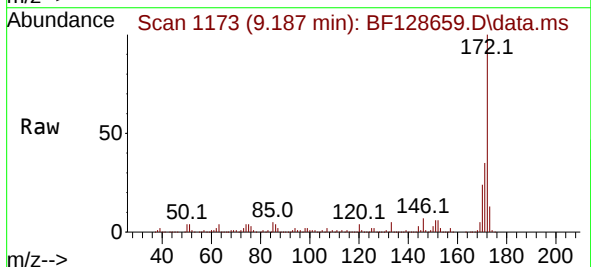
Tgt Ion: 330 Resp: 21820
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 37.4 28.0 42.0

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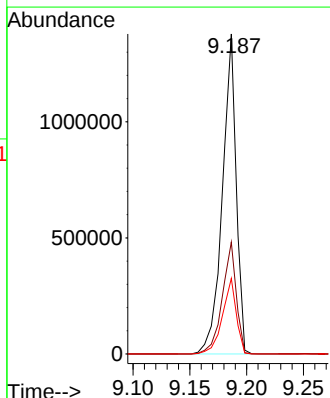
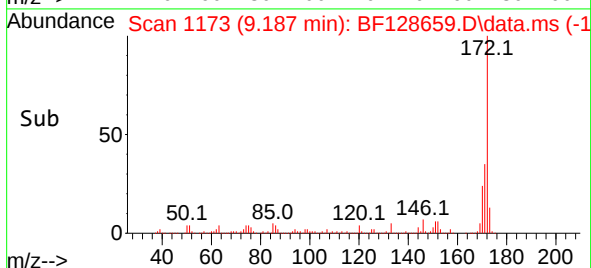
Reviewed By : Christian Giraldo 06/03/2022
Supervised By : Jagrut Upadhyay 06/03/2022

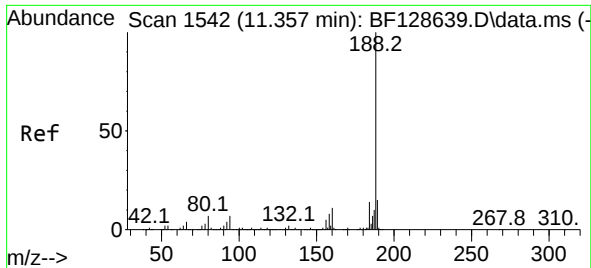


#45
2-Fluorobiphenyl
Concen: 68.735 ng
RT: 9.187 min Scan# 1173
Delta R.T. -0.005 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39



Tgt Ion: 172 Resp: 1171702
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.6 19.8 29.8





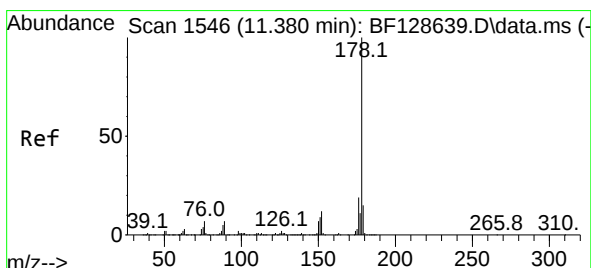
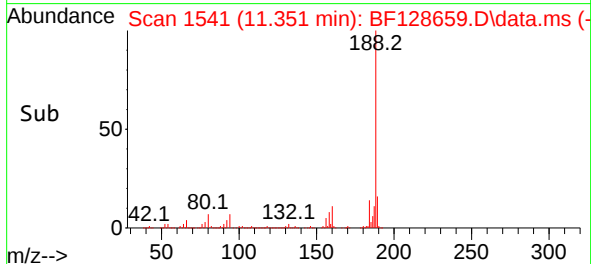
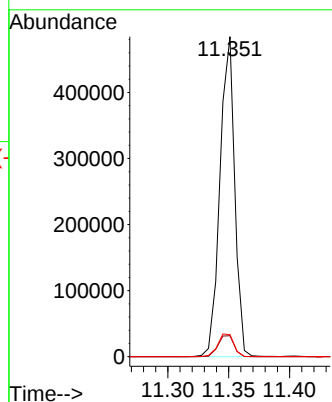
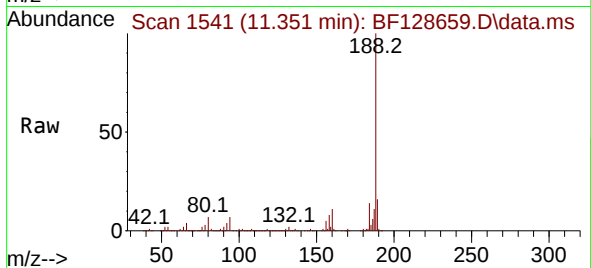
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

Tgt Ion:188 Resp: 410315
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6
80 6.9 7.6 11.4

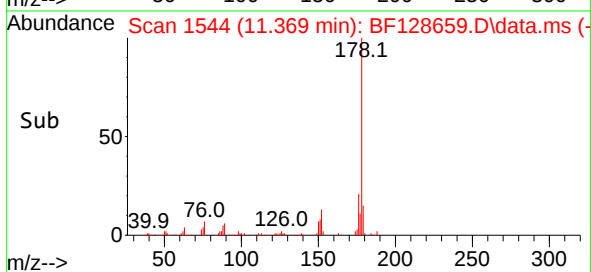
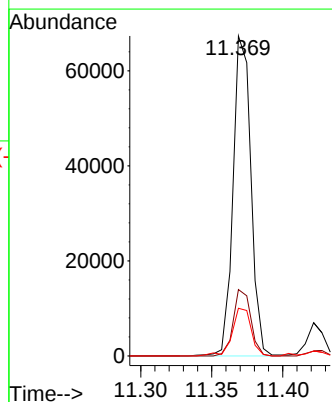
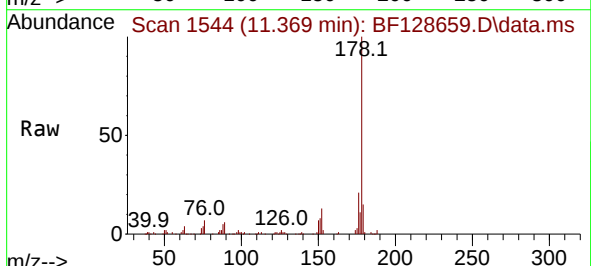
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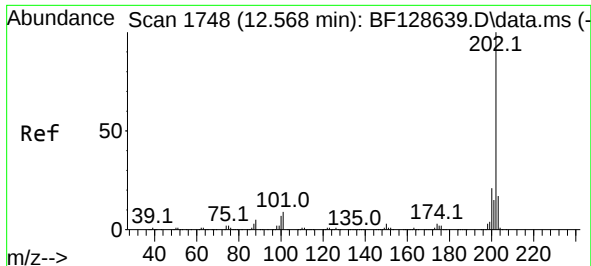
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#71
Phenanthrene
Concen: 2.861 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

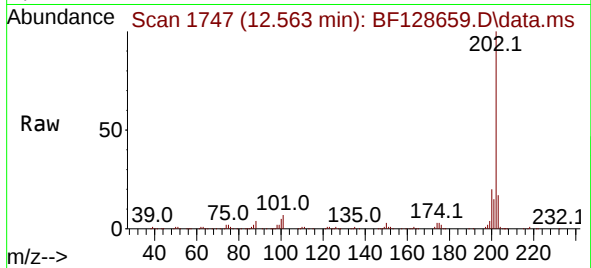
Tgt Ion:178 Resp: 58873
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 14.9 12.6 19.0





#75
Fluoranthene
Concen: 5.478 ng
RT: 12.563 min Scan# 11785
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

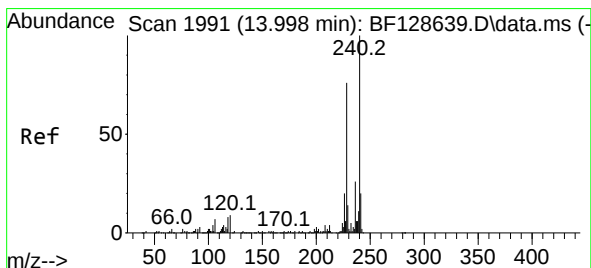
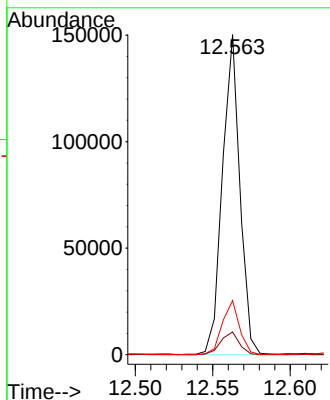
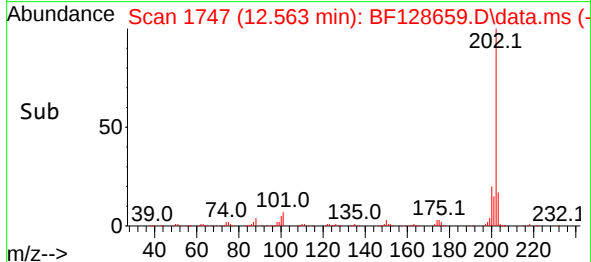
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01



Tgt Ion:202 Resp: 11785
Ion Ratio Lower Upper
202 100
101 7.1 0.0 31.4
203 16.9 0.0 38.0

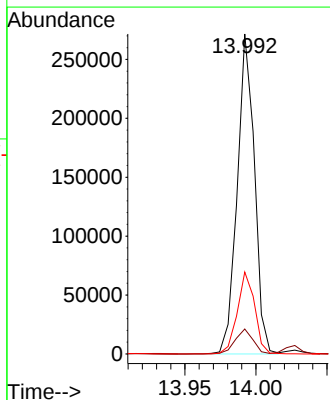
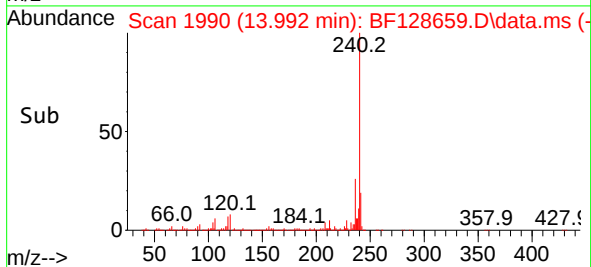
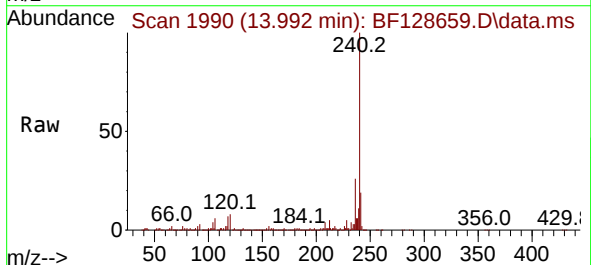
Manual Integrations
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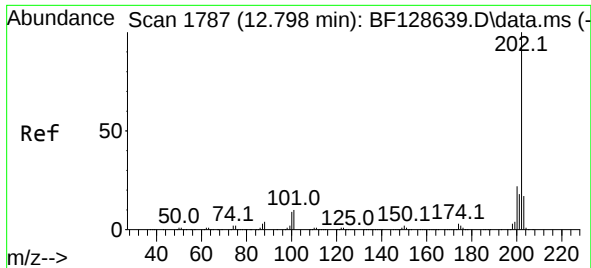
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

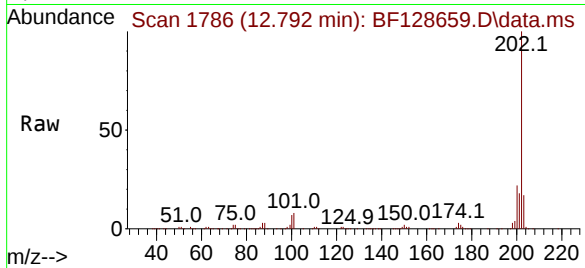
Tgt Ion:240 Resp: 229934
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 25.6 20.8 31.2





#78
Pyrene
Concen: 6.524 ng
RT: 12.792 min Scan# 11160
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

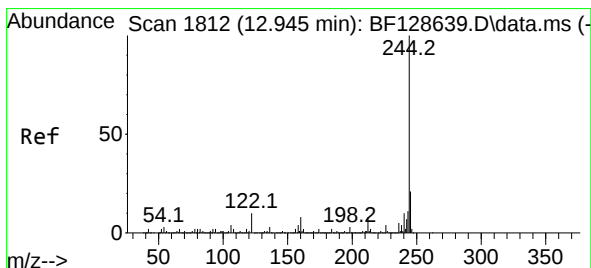
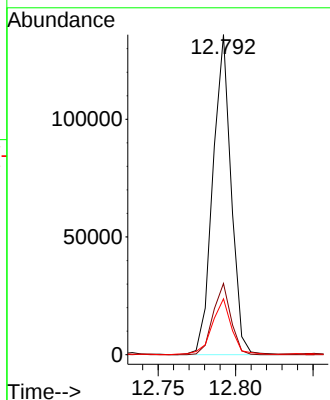
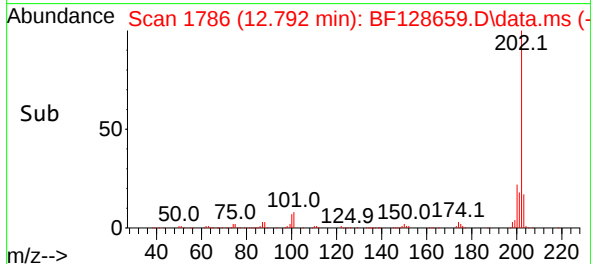
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01



Tgt Ion:202 Resp: 11160
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 17.4 14.6 21.8

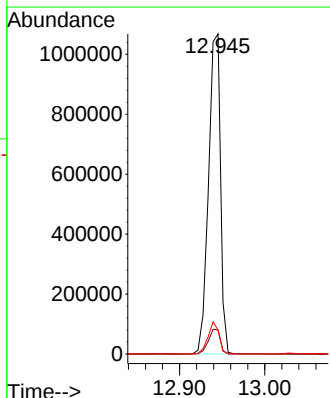
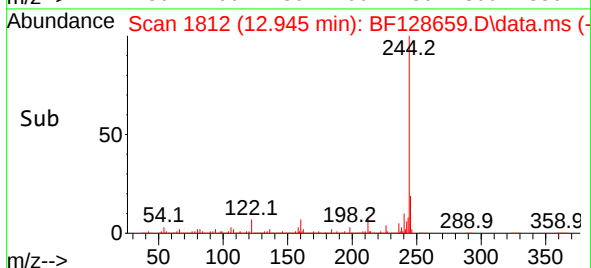
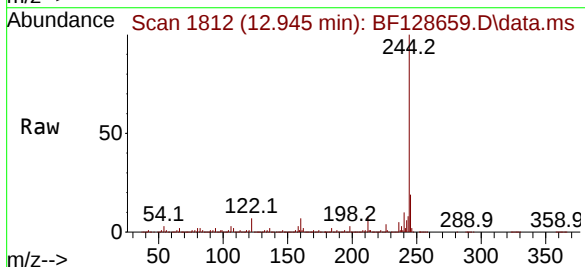
Manual Integrations
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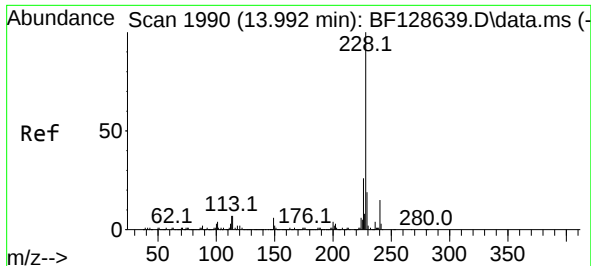
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#79
Terphenyl-d14
Concen: 78.803 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

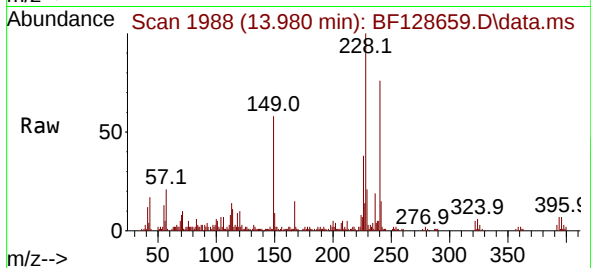
Tgt Ion:244 Resp: 1042773
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 7.4 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 2.838 ng m
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

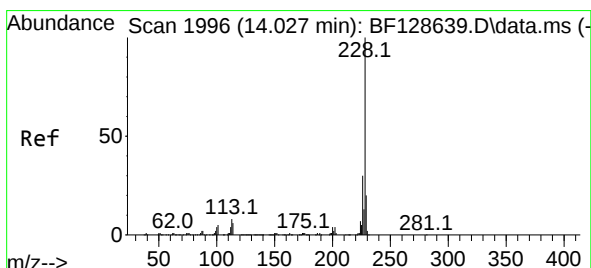
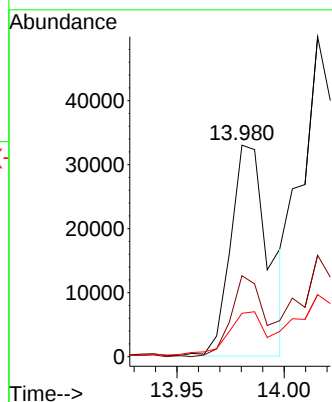
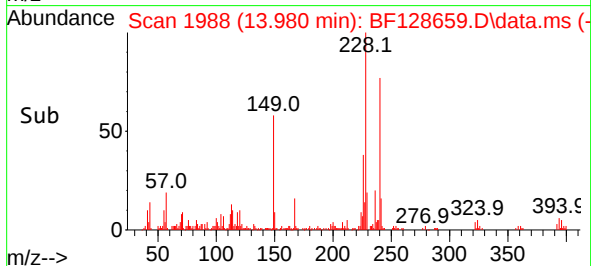
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01



Tgt Ion:228 Resp: 40674
Ion Ratio Lower Upper
228 100
226 38.3 22.1 33.1
229 20.5 15.8 23.8

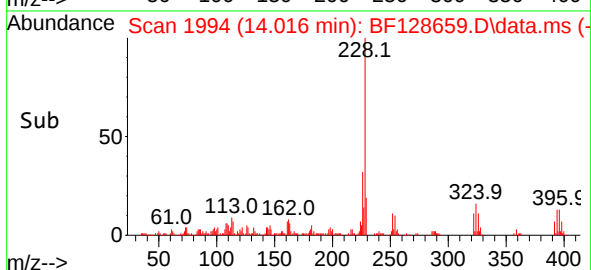
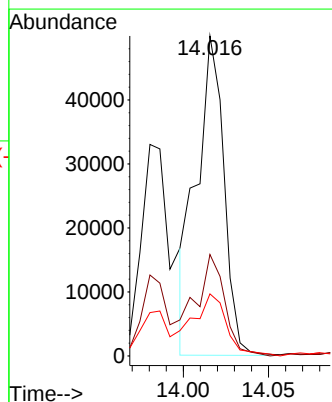
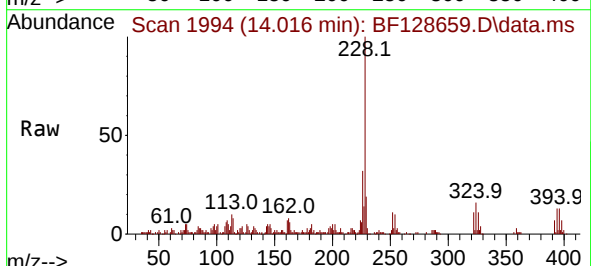
Manual Integrations
APPROVED

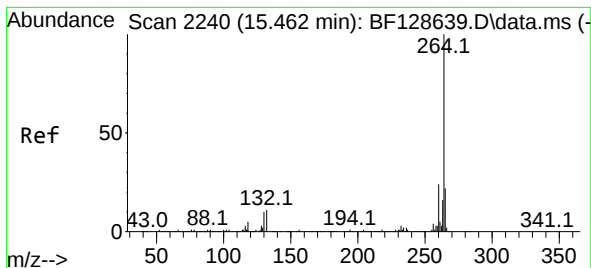
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#83
Chrysene
Concen: 4.081 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

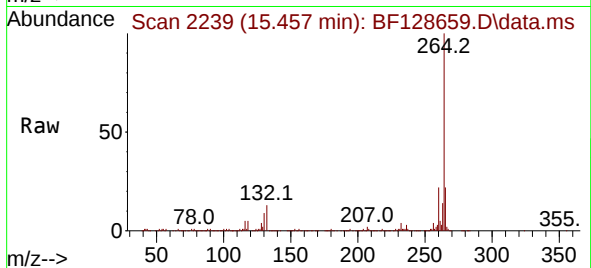
Tgt Ion:228 Resp: 55768
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 19.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

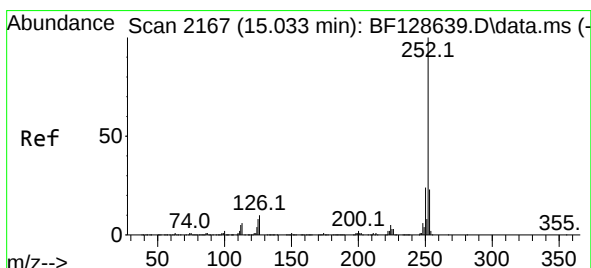
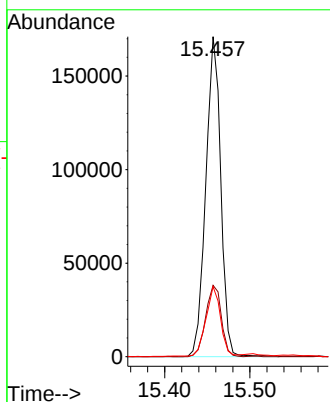
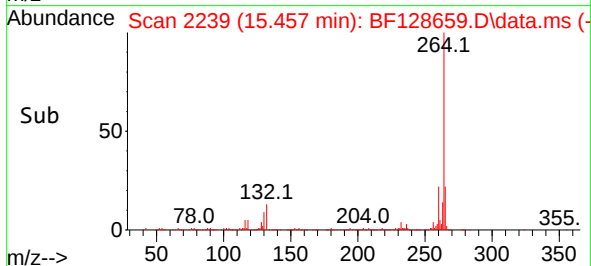
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01



Tgt Ion:264 Resp: 20865
Ion Ratio Lower Upper
264 100
260 22.3 18.4 27.6
265 21.9 17.2 25.8

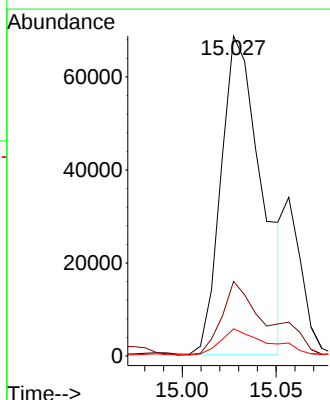
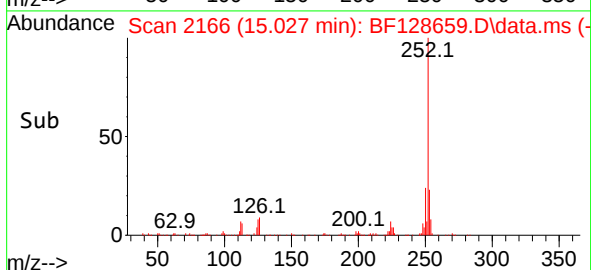
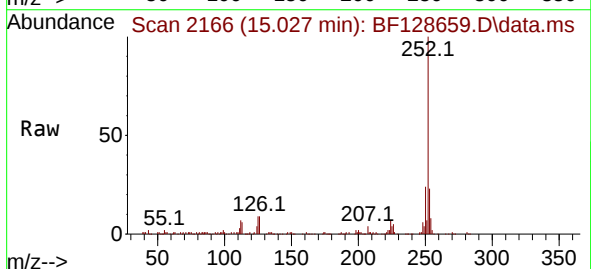
Manual Integrations
APPROVED

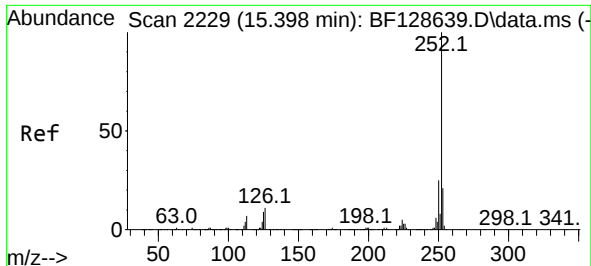
Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#88
Benzo(b)fluoranthene
Concen: 7.725 ng m
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

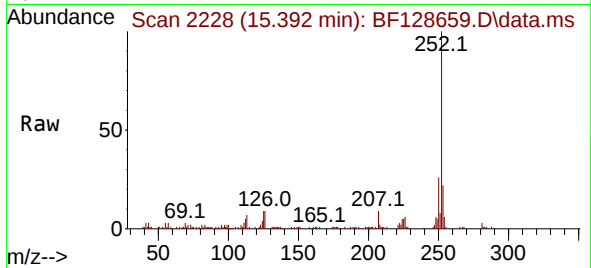
Tgt Ion:252 Resp: 102997
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 8.5 8.0 12.0





#90
Benzo(a)pyrene
Concen: 3.916 ng
RT: 15.392 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

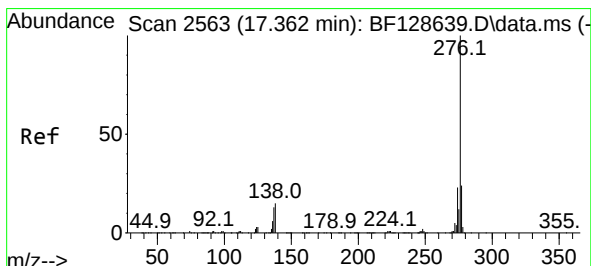
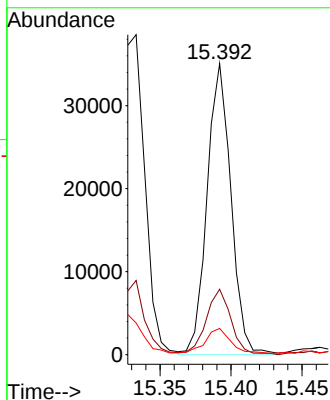
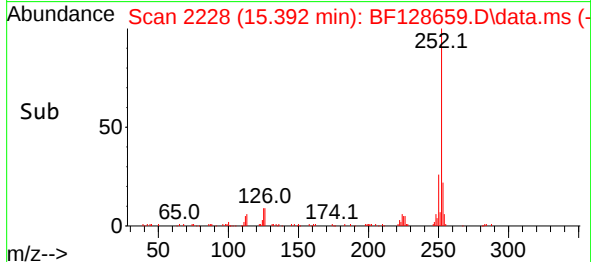
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01



Tgt Ion:252 Resp: 41032
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022



#92
Benzo(g,h,i)perylene
Concen: 3.225 ng
RT: 17.339 min Scan# 2559
Delta R.T. -0.023 min
Lab File: BF128659.D
Acq: 03 Jun 2022 01:39

Tgt Ion:276 Resp: 33340
Ion Ratio Lower Upper
276 100
277 21.3 19.1 28.7
138 15.0 18.0 27.0#

