

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128753.D
 Acq On : 09 Jun 2022 18:20
 Operator : CG\JU
 Sample : N3267-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/10/2022
 Supervised By : Jagrut Upadhyay 06/10/2022

Quant Time: Jun 10 03:29:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	66439	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	222096	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	97941	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	179046	20.000	ng	0.00
76) Chrysene-d12	13.986	240	115447	20.000	ng	0.00
86) Perylene-d12	15.457	264	89498	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	332636	79.747	ng	0.00
7) Phenol-d6	6.475	99	403168	79.183	ng	0.00
23) Nitrobenzene-d5	7.375	82	270601	56.727	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	81902	70.775	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	438784	62.757	ng	0.00
79) Terphenyl-d14	12.933	244	442249	66.565	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.363	178	20722	2.307	ng	97
75) Fluoranthene	12.557	202	54836	5.841	ng	97
78) Pyrene	12.786	202	59193	6.892	ng	97
81) Benzo(a)anthracene	13.980	228	25035	3.479	ng	# 86
83) Chrysene	14.015	228	25796	3.760	ng	# 82
87) Indeno(1,2,3-cd)pyrene	16.921	276	11397	2.113	ng	# 92
88) Benzo(b)fluoranthene	15.027	252	27449m	4.800	ng	
90) Benzo(a)pyrene	15.392	252	18954	4.217	ng	# 73
92) Benzo(g,h,i)perylene	17.362	276	15937	3.594	ng	# 81

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

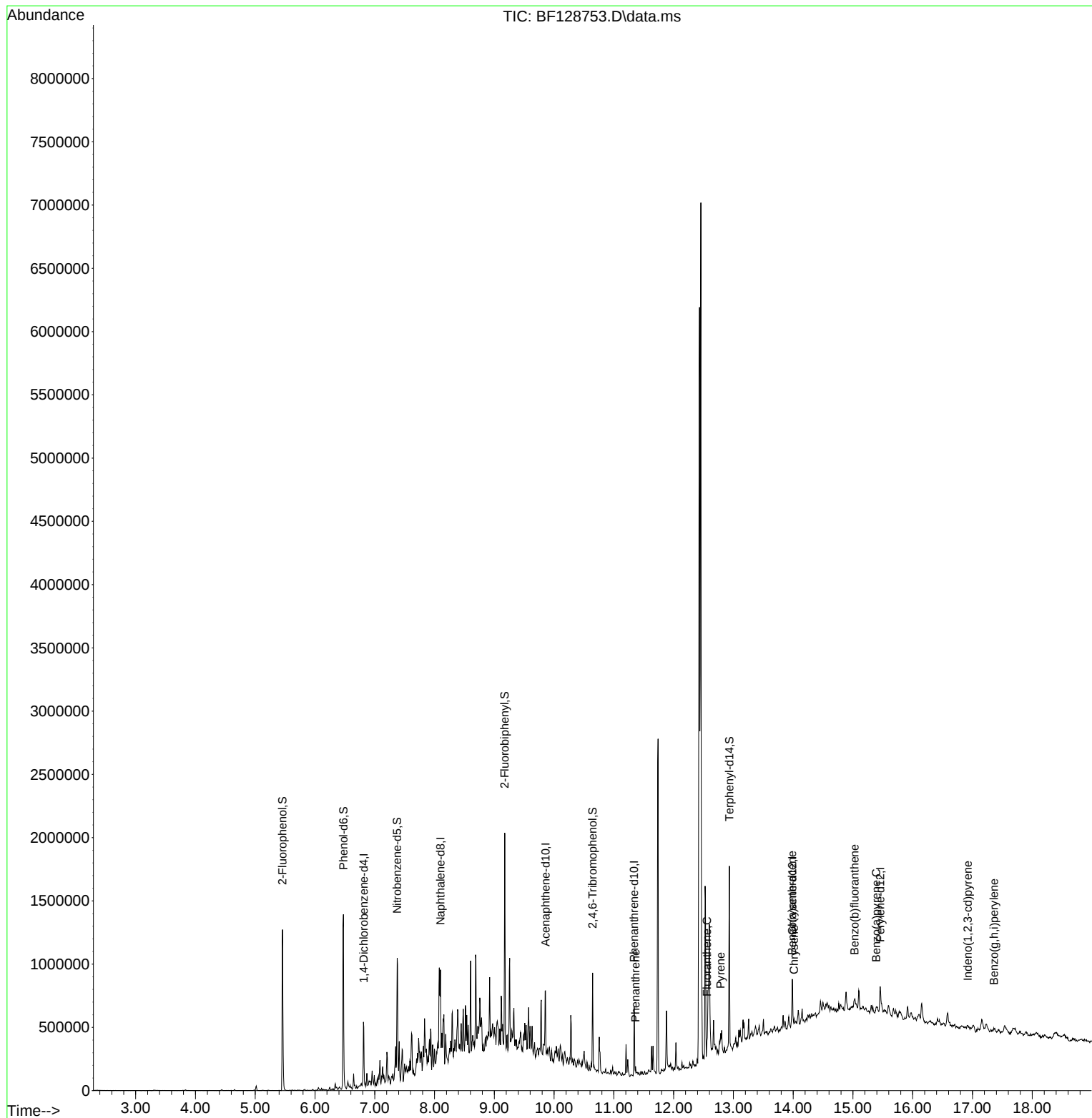
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128753.D
Acq On : 09 Jun 2022 18:20
Operator : CG\JU
Sample : N3267-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

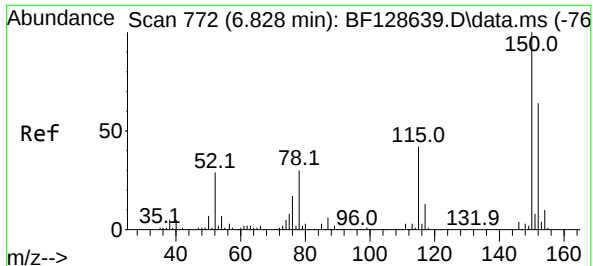
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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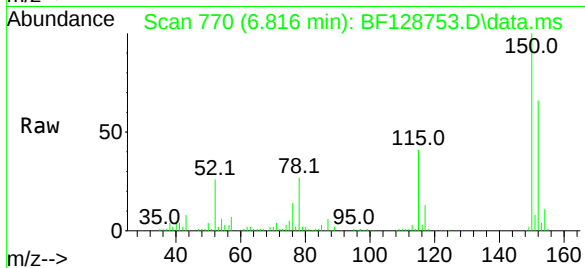
Reviewed By : Christian Giraldo 06/10/2022
Supervised By : Jagrut Upadhyay 06/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

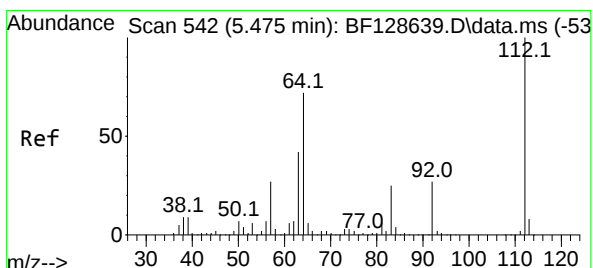
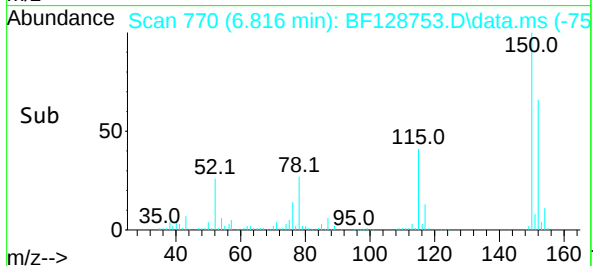
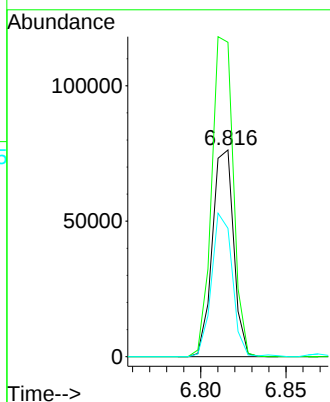
Instrument :
BNA_F
ClientSampleId :
OR-2-060822



Tgt Ion:152 Resp: 66439
Ion Ratio Lower Upper
152 100
150 152.1 123.7 185.5
115 62.1 49.9 74.9

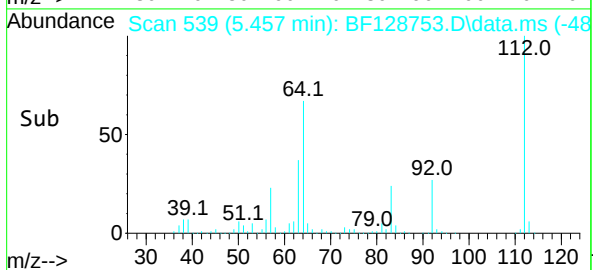
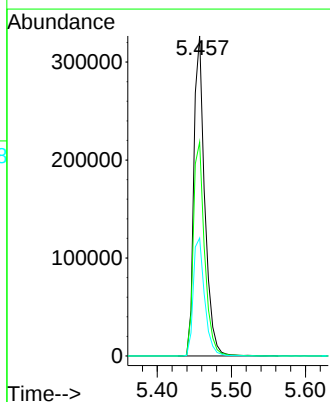
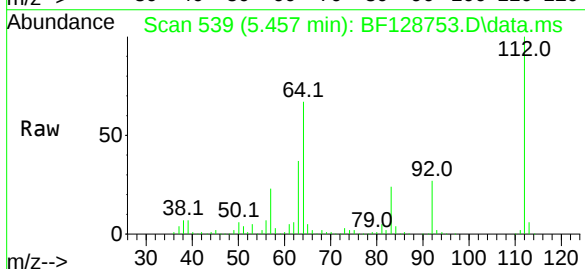
Manual Integrations
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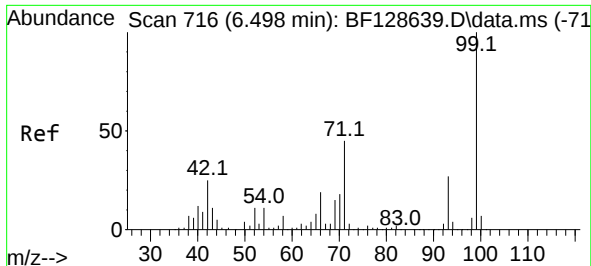
Reviewed By :Christian Giraldo 06/10/2022
Supervised By :Jagrut Upadhyay 06/10/2022



#5
2-Fluorophenol
Concen: 79.747 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

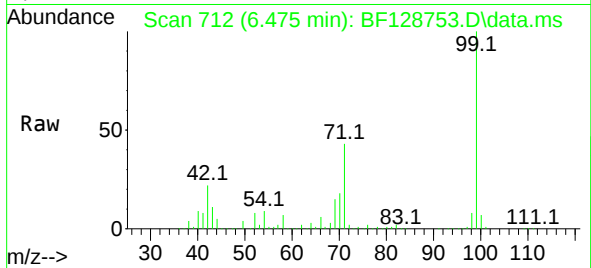
Tgt Ion:112 Resp: 332636
Ion Ratio Lower Upper
112 100
64 66.8 53.3 79.9
63 36.8 28.0 42.0





#7
Phenol-d6
Concen: 79.183 ng
RT: 6.475 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

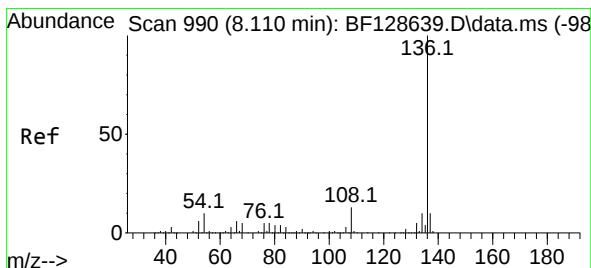
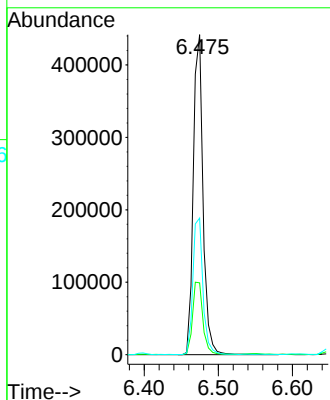
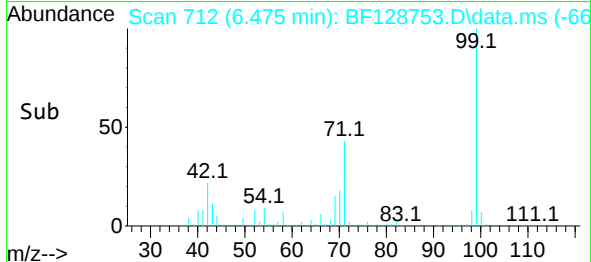
Instrument :
BNA_F
ClientSampleId :
OR-2-060822



Tgt Ion: 99 Resp: 403168
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 42.7 28.9 43.3

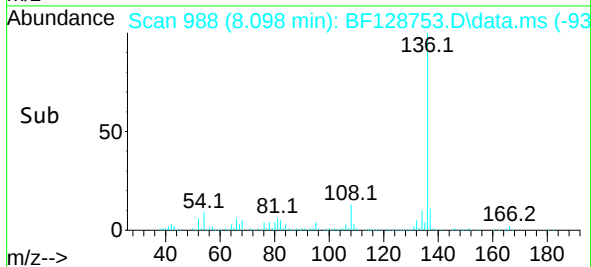
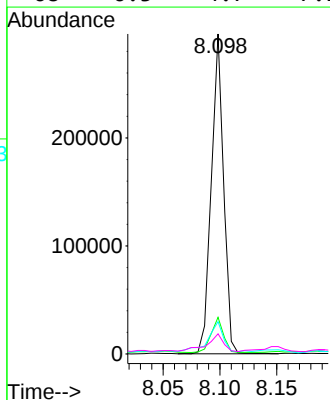
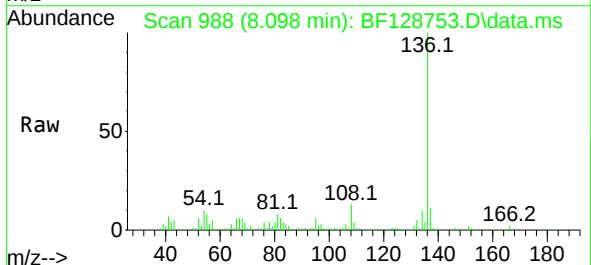
Manual Integrations
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:136 Resp: 222096
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.1 7.5 11.3
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 56.727 ng

RT: 7.375 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128753.D

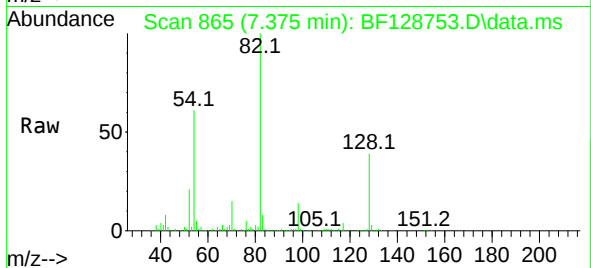
Acq: 09 Jun 2022 18:20

Instrument :

BNA_F

ClientSampleId :

OR-2-060822



Tgt Ion: 82 Resp: 27060

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

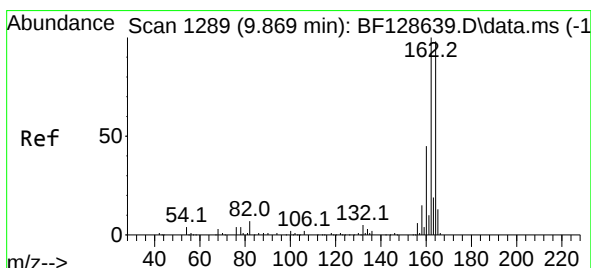
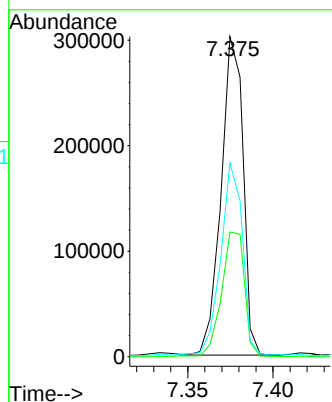
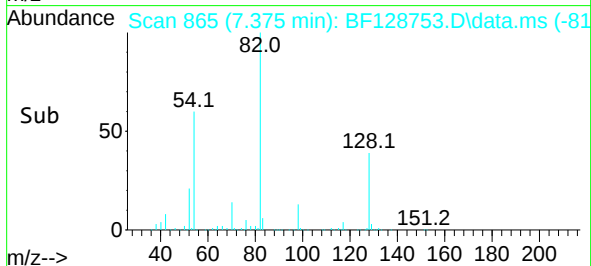
54 60.6 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

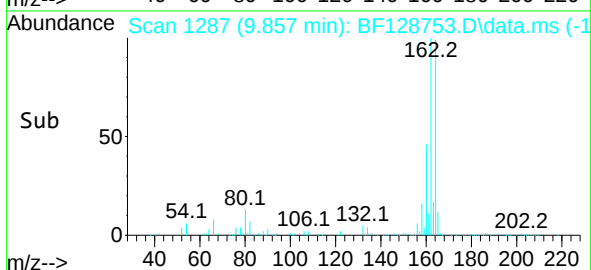
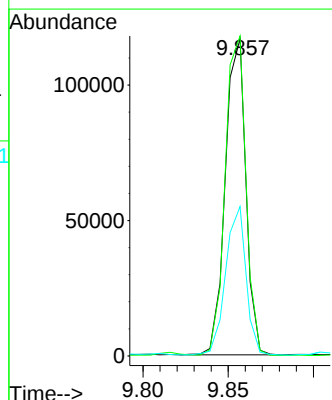
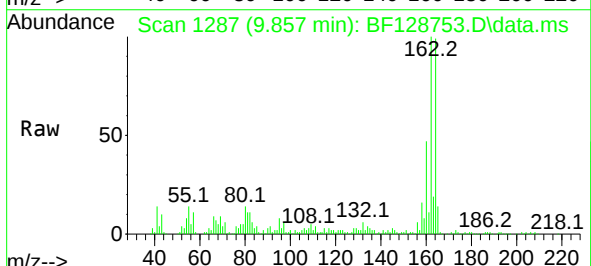
Tgt Ion:164 Resp: 97941

Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

160 47.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 70.775 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

Instrument :

BNA_F

ClientSampleId :

OR-2-060822

Tgt Ion:330 Resp: 81902

Ion Ratio Lower Upper

330 100

332 98.0 76.8 115.2

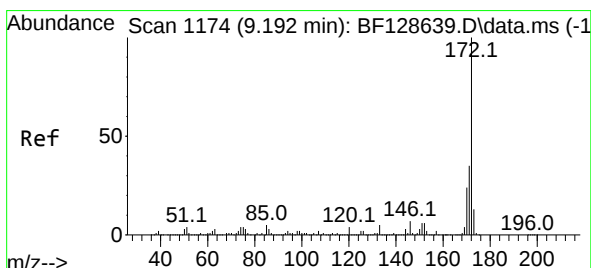
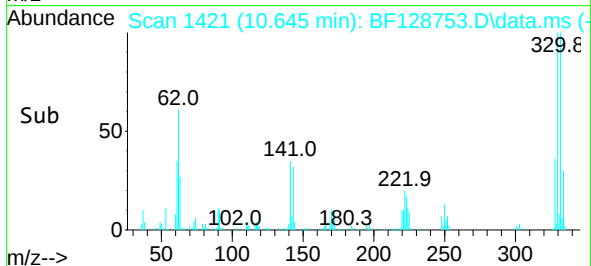
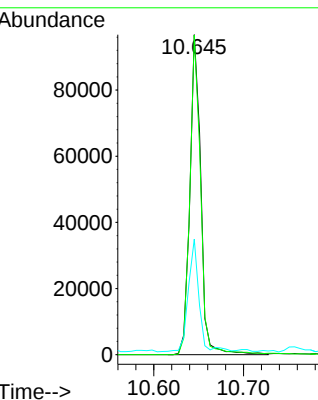
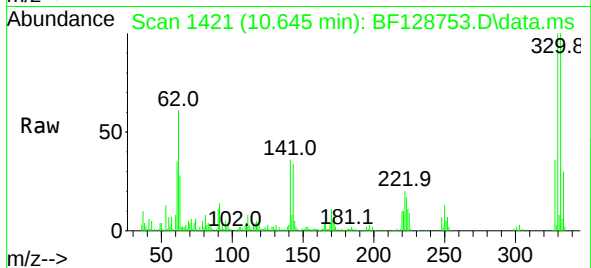
141 32.6 28.0 42.0

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#45

2-Fluorobiphenyl

Concen: 62.757 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

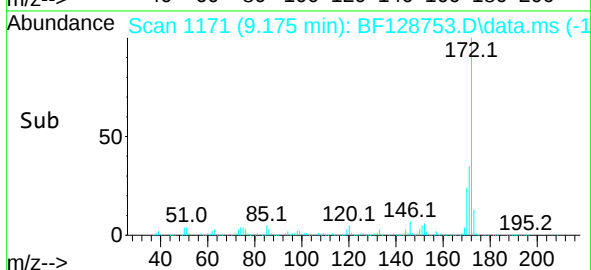
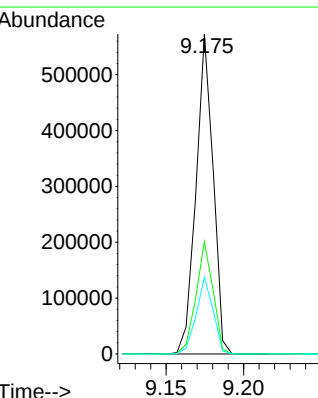
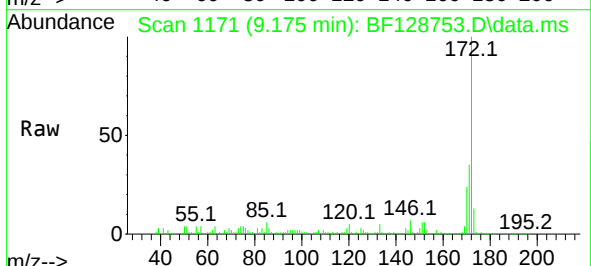
Tgt Ion:172 Resp: 438784

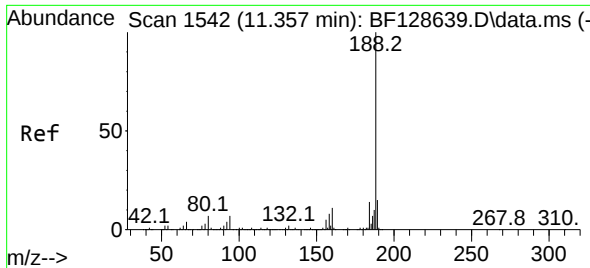
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

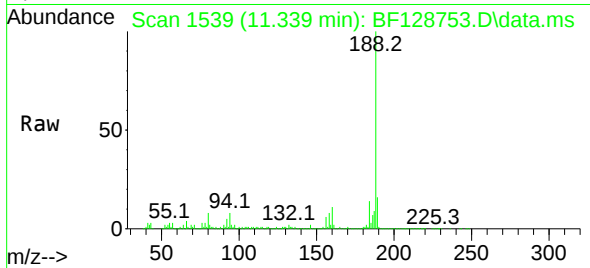
170 24.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

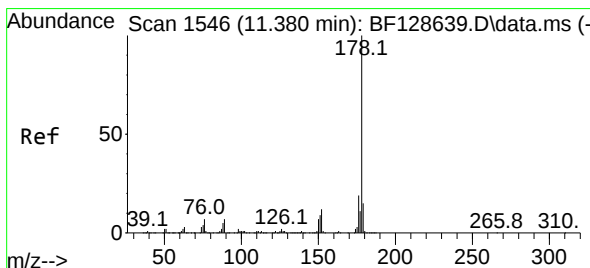
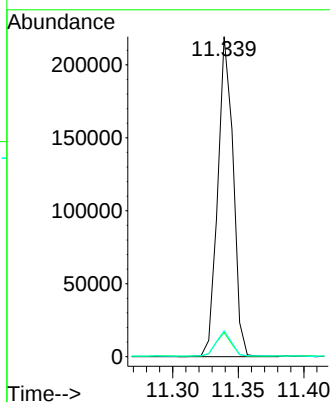
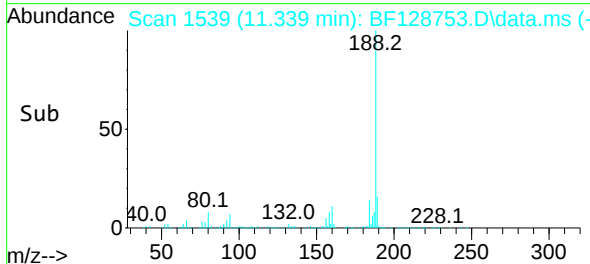
Instrument :
BNA_F
ClientSampleId :
OR-2-060822



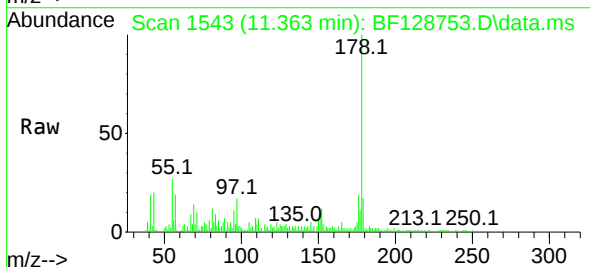
Tgt Ion:188 Resp: 179040
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.1 7.6 11.4

Manual Integrations
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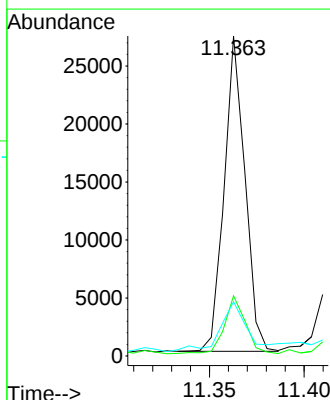
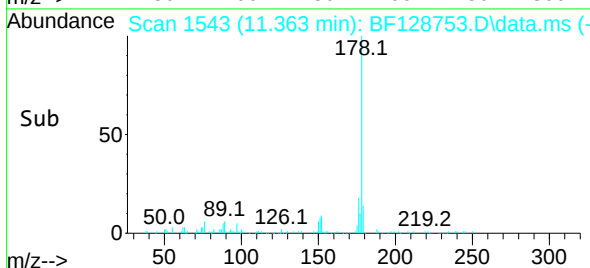
Reviewed By :Christian Giraldo 06/10/2022
Supervised By :Jagrut Upadhyay 06/10/2022

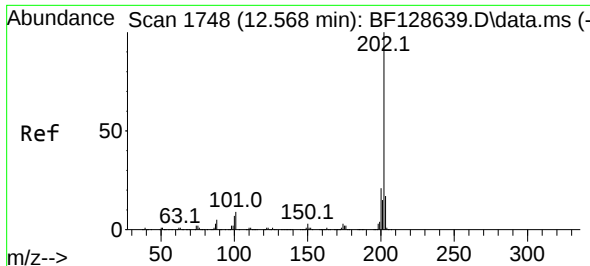


#71
Phenanthrene
Concen: 2.307 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20



Tgt Ion:178 Resp: 20722
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 16.9 12.6 19.0





#75
Fluoranthene
Concen: 5.841 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Instrument :

BNA_F

ClientSampleId :

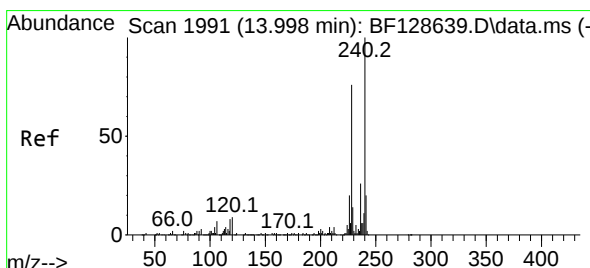
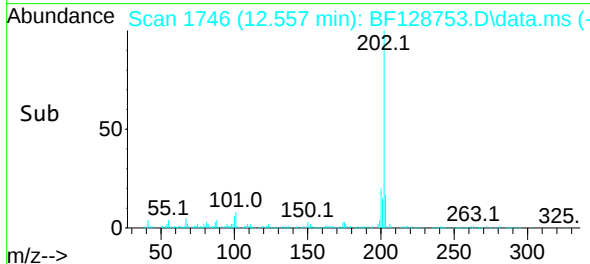
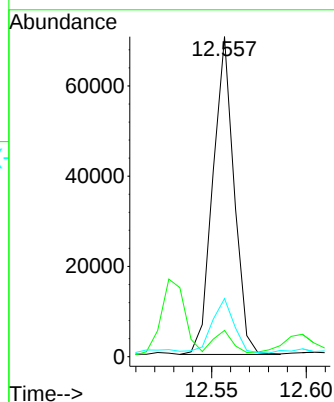
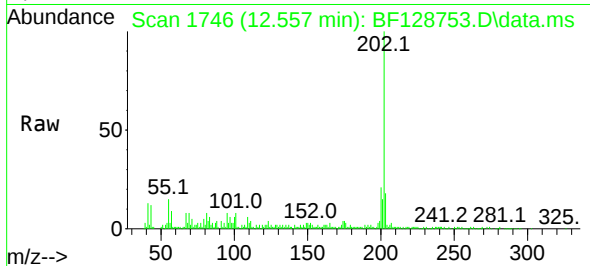
OR-2-060822

Tgt Ion:202 Resp: 54830
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.4
203 18.1 0.0 38.0

Manual Integrations

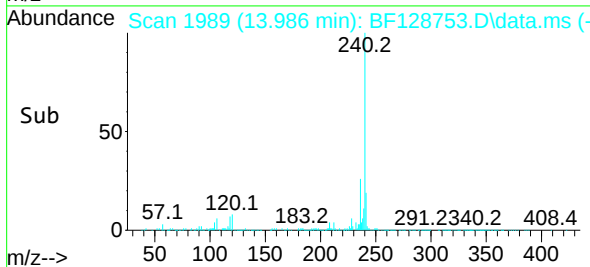
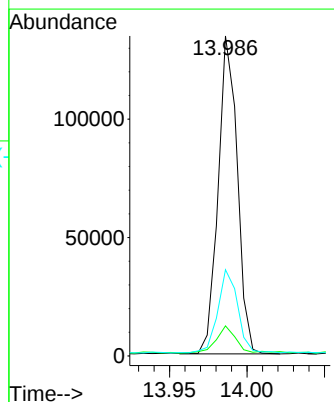
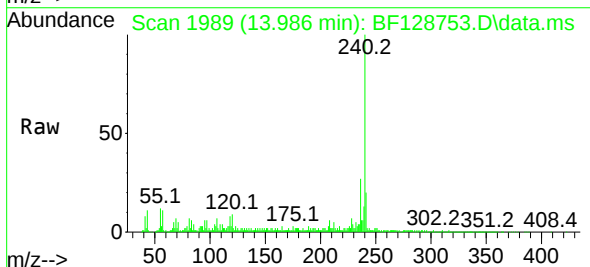
APPROVED

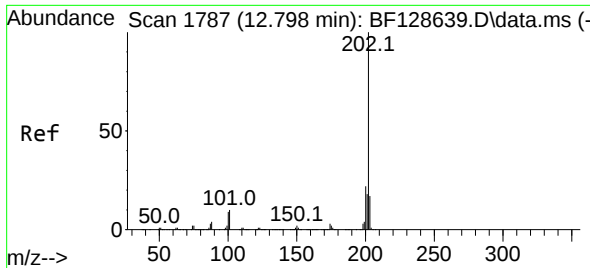
Reviewed By :Christian Giraldo 06/10/2022
Supervised By :Jagrut Upadhyay 06/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

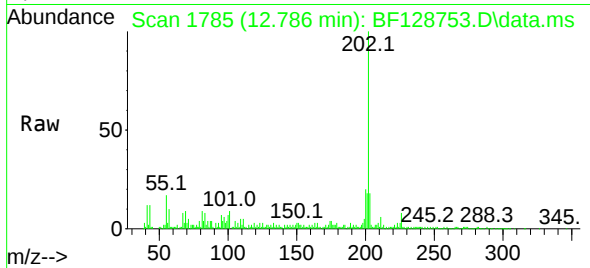
Tgt Ion:240 Resp: 115447
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 27.0 20.8 31.2





#78
Pyrene
Concen: 6.892 ng
RT: 12.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

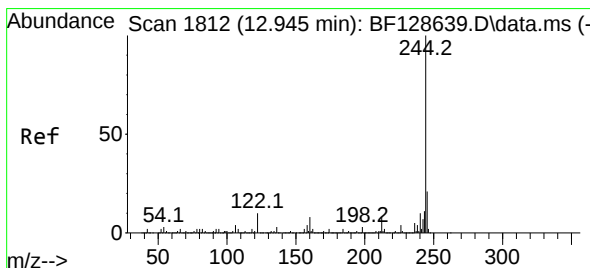
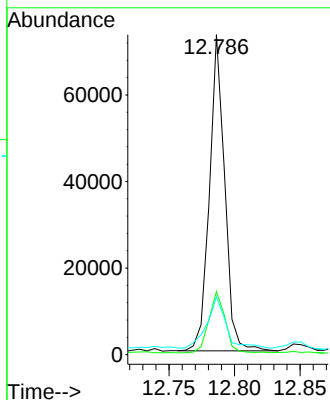
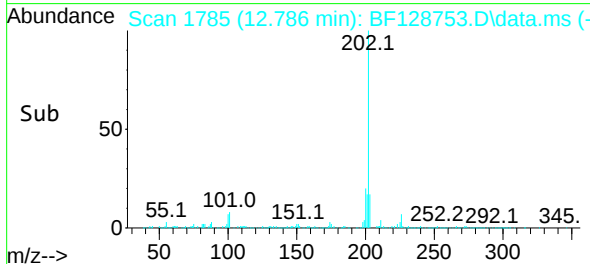
Instrument :
BNA_F
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OR-2-060822



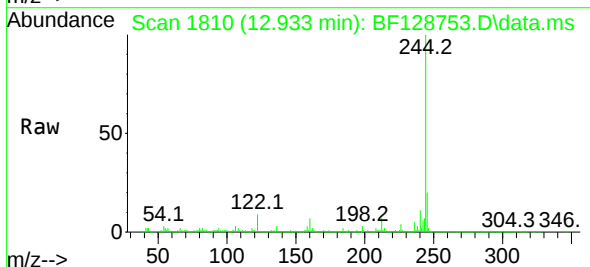
Tgt Ion:202 Resp: 5919
Ion Ratio Lower Upper
202 100
200 19.8 17.7 26.5
203 18.1 14.6 21.8

Manual Integrations
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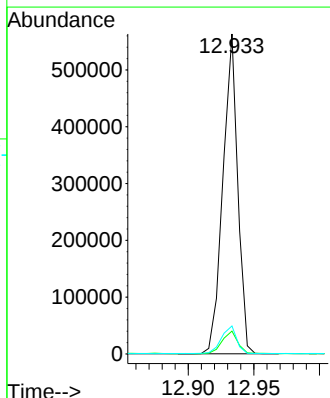
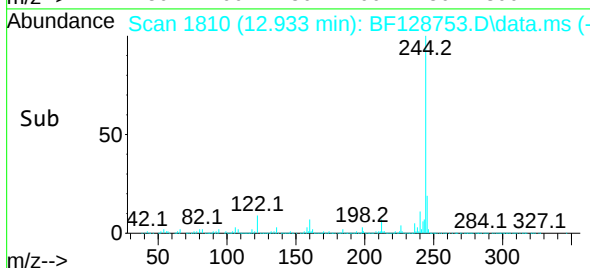
Reviewed By :Christian Giraldo 06/10/2022
Supervised By :Jagrut Upadhyay 06/10/2022

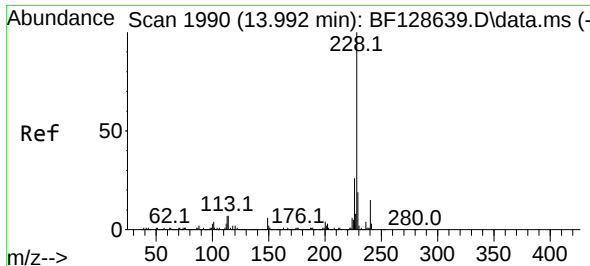


#79
Terphenyl-d14
Concen: 66.565 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20



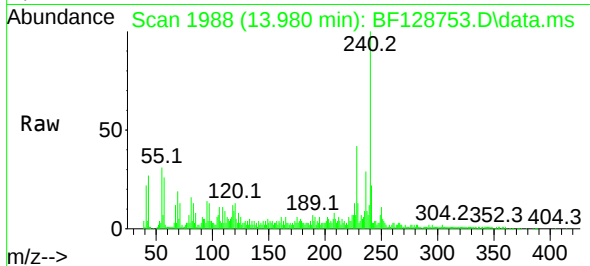
Tgt Ion:244 Resp: 442249
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 8.8 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 3.479 ng
RT: 13.980 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

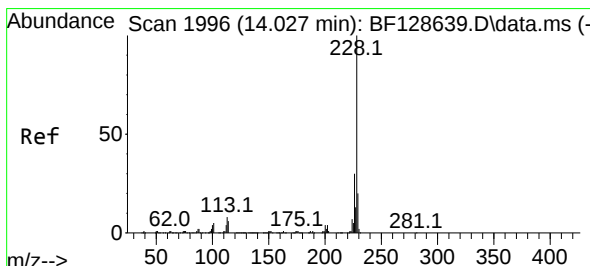
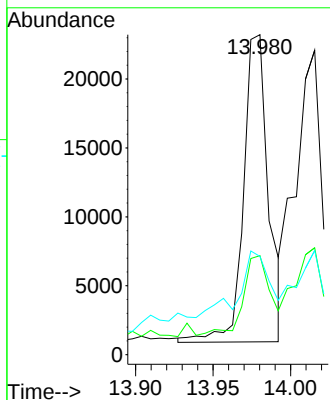
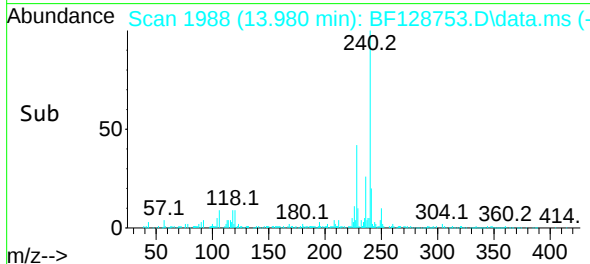
Instrument :
BNA_F
ClientSampleId :
OR-2-060822



Tgt Ion:228 Resp: 2503
Ion Ratio Lower Upper
228 100
226 30.9 22.1 33.1
229 30.7 15.8 23.8

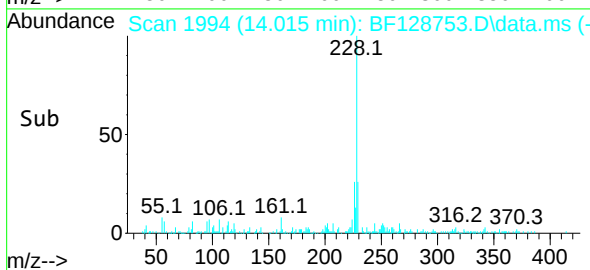
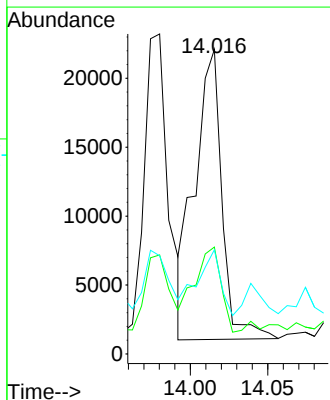
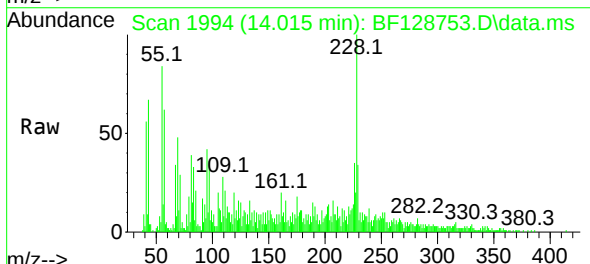
Manual Integrations
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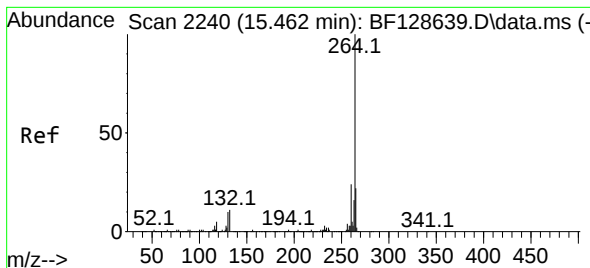
Reviewed By :Christian Giraldo 06/10/2022
Supervised By :Jagrut Upadhyay 06/10/2022



#83
Chrysene
Concen: 3.760 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

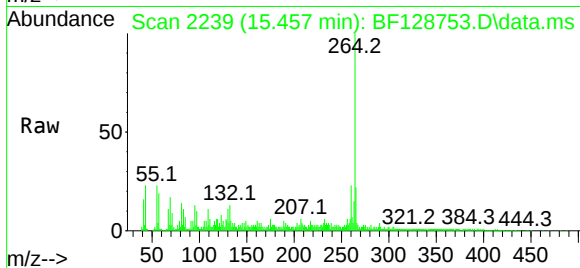
Tgt Ion:228 Resp: 25796
Ion Ratio Lower Upper
228 100
226 35.1 24.3 36.5
229 34.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

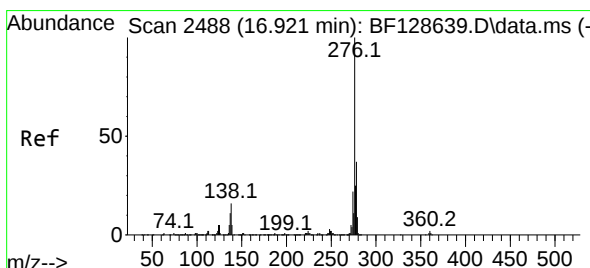
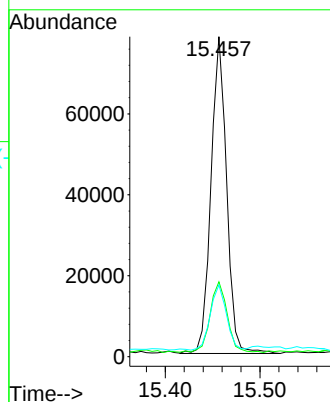
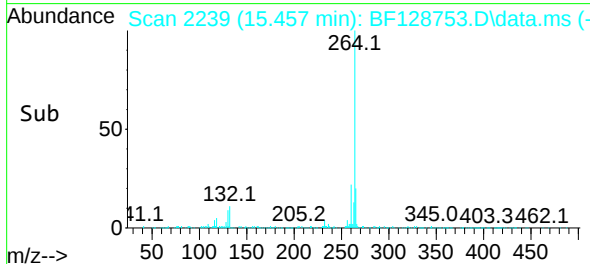
Instrument :
BNA_F
ClientSampleId :
OR-2-060822



Tgt Ion:264 Resp: 89498
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 22.4 17.2 25.8

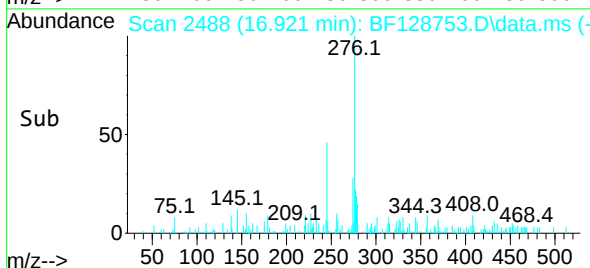
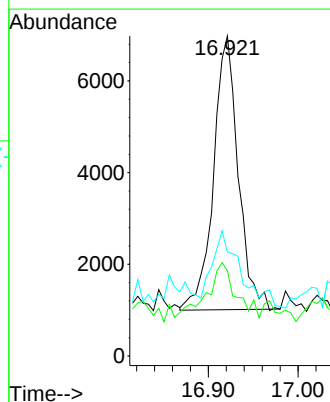
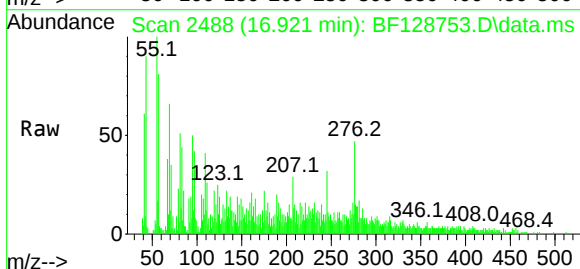
Manual Integrations
APPROVED

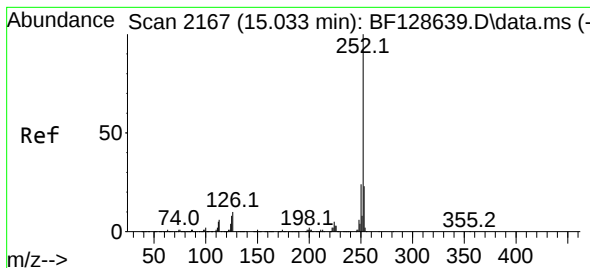
Reviewed By :Christian Giraldo 06/10/2022
Supervised By :Jagrut Upadhyay 06/10/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.113 ng
RT: 16.921 min Scan# 2488
Delta R.T. 0.023 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:276 Resp: 11397
Ion Ratio Lower Upper
276 100
138 27.4 21.1 31.7
277 32.9 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 4.800 ng m

RT: 15.027 min Scan# 2166

Delta R.T. 0.006 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

Instrument :

BNF

ClientSampleId :

OR-2-060822

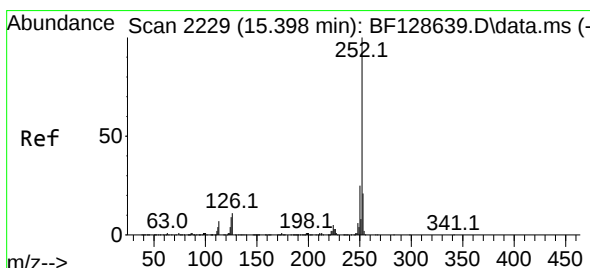
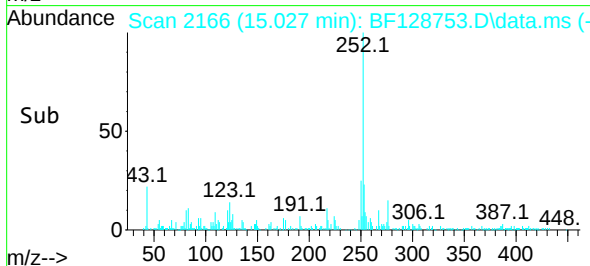
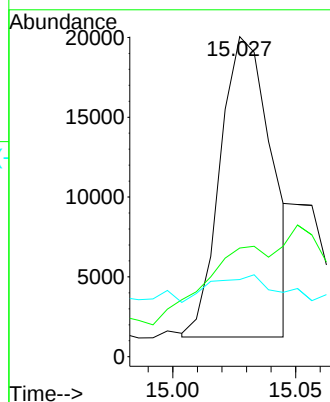
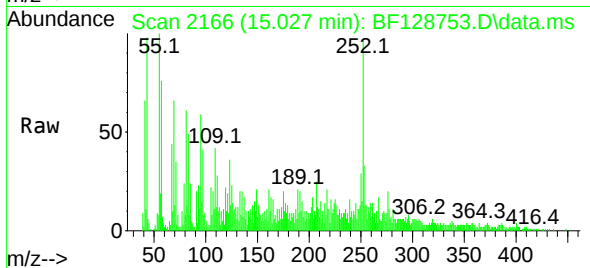
Tgt Ion:252 Resp: 27449
 Ion Ratio Lower Upper
 252 100
 253 34.0 17.7 26.5#
 125 24.1 8.0 12.0#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/10/2022

Supervised By :Jagrut Upadhyay 06/10/2022



#90

Benzo(a)pyrene

Concen: 4.217 ng

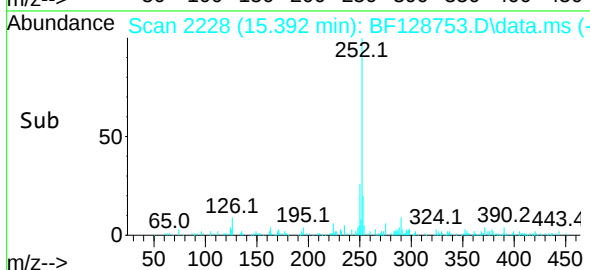
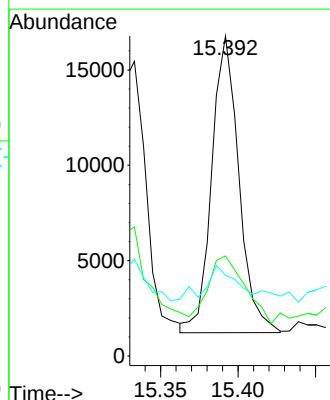
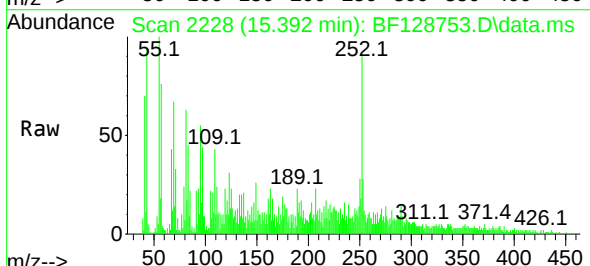
RT: 15.392 min Scan# 2228

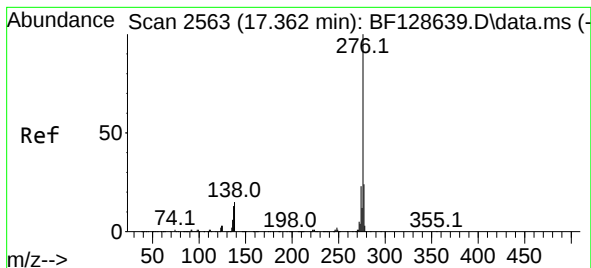
Delta R.T. 0.006 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

Tgt Ion:252 Resp: 18954
 Ion Ratio Lower Upper
 252 100
 253 31.3 17.0 25.6#
 125 25.2 8.8 13.2#





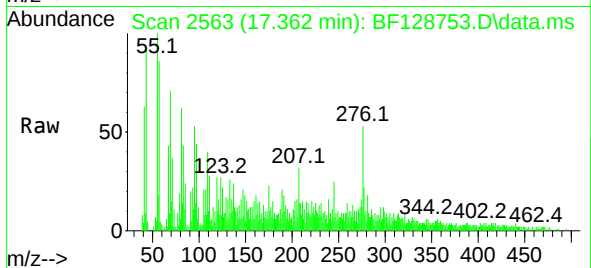
#92
 Benzo(g,h,i)perylene
 Concen: 3.594 ng
 RT: 17.362 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF128753.D
 Acq: 09 Jun 2022 18:20

Instrument :

BNA_F

ClientSampleId :

OR-2-060822



Tgt Ion: 276 Resp: 1593
 Ion Ratio Lower Upper
 276 100
 277 41.6 19.1 28.7
 138 22.7 18.0 27.0

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/10/2022
 Supervised By : Jagrut Upadhyay 06/10/2022

