

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128696.D
 Acq On : 06 Jun 2022 15:00
 Operator : CG\JU
 Sample : N3113-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-346

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/07/2022
 Supervised By : Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 02:42:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060622.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	84255	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	293915	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	164434	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	269074	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	167544	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	175085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	600020	113.433	ng	0.00
7) Phenol-d6	6.493	99	755465	117.001	ng	0.00
23) Nitrobenzene-d5	7.387	82	517138	81.919	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	192223	98.938	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	935731	79.714	ng	0.00
79) Terphenyl-d14	12.939	244	751801	77.971	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.369	178	43805	3.246	ng	96
75) Fluoranthene	12.563	202	66896	4.742	ng	95
78) Pyrene	12.792	202	58042	4.656	ng	97
81) Benzo(a)anthracene	13.980	228	32752	3.136	ng	95
83) Chrysene	14.016	228	35544	3.570	ng	95
88) Benzo(b)fluoranthene	15.027	252	42069m	3.760	ng	
90) Benzo(a)pyrene	15.392	252	28396m	3.229	ng	
92) Benzo(g,h,i)perylene	17.339	276	18040	2.079	ng	# 91

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

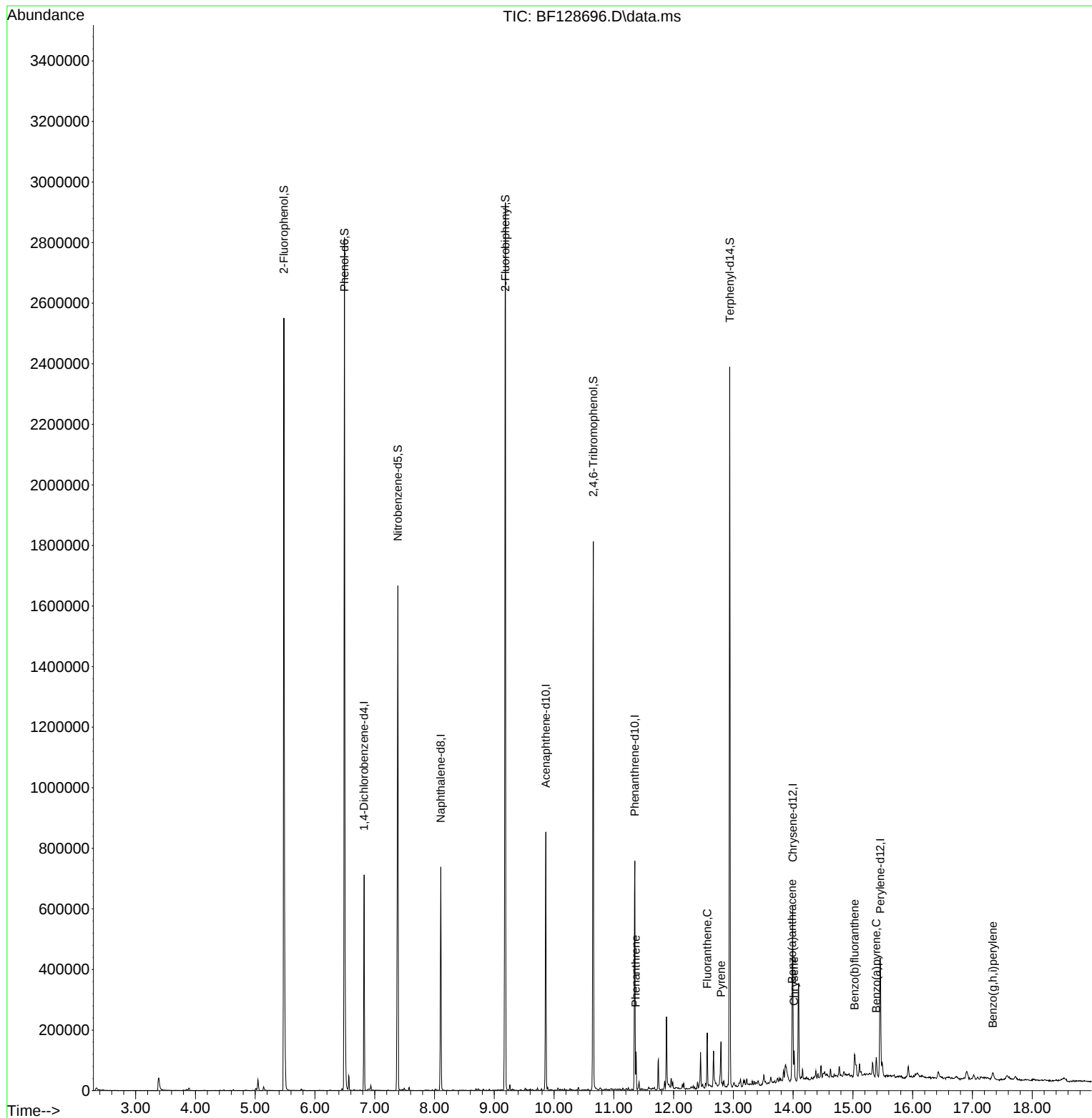
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128696.D
Acq On : 06 Jun 2022 15:00
Operator : CG\JU
Sample : N3113-03
Misc :
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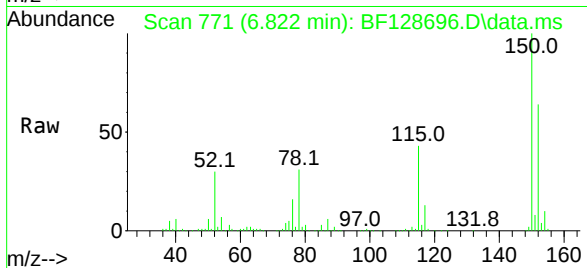
Quant Time: Jun 07 02:42:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

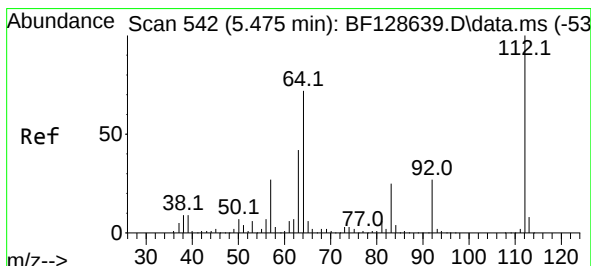
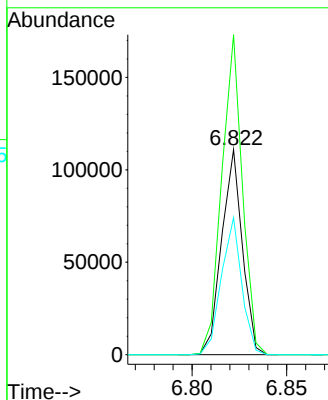
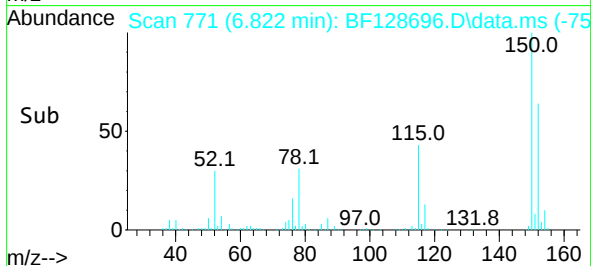
Instrument :
BNA_F
ClientSampleId :
RBR-346



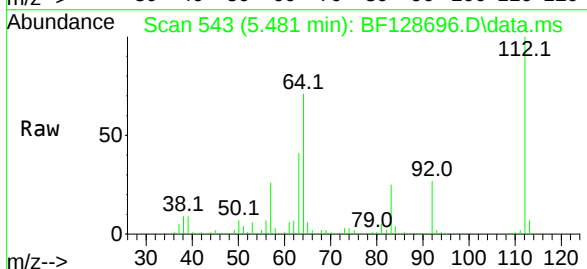
Tgt Ion:152 Resp: 8425
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 66.9 49.9 74.9

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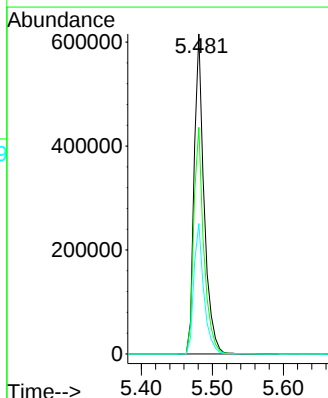
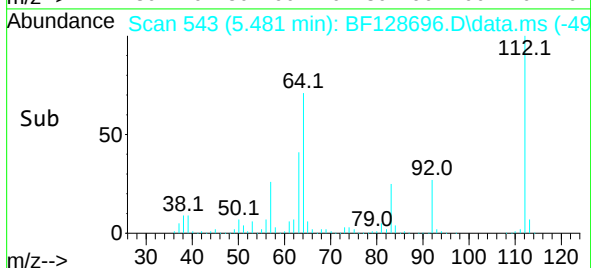
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

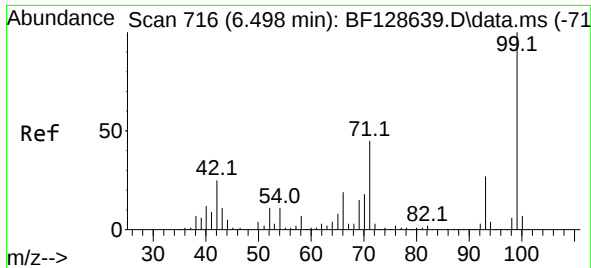


#5
2-Fluorophenol
Concen: 113.433 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00



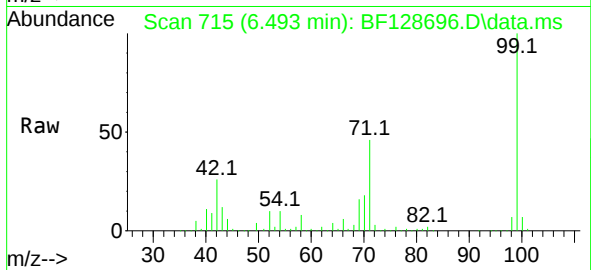
Tgt Ion:112 Resp: 600020
Ion Ratio Lower Upper
112 100
64 70.8 53.3 79.9
63 40.7 28.0 42.0





#7
Phenol-d6
Concen: 117.001 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.005 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

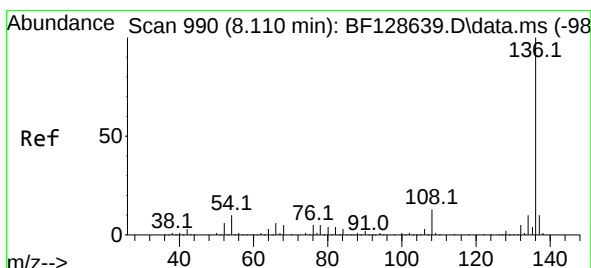
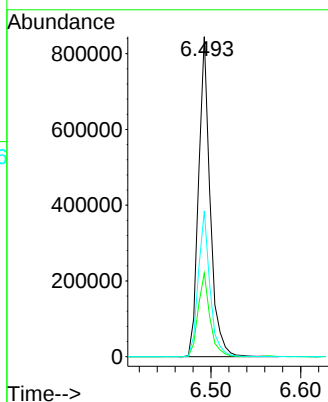
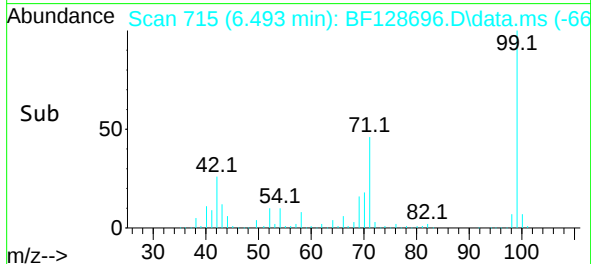
Instrument :
BNA_F
ClientSampleId :
RBR-346



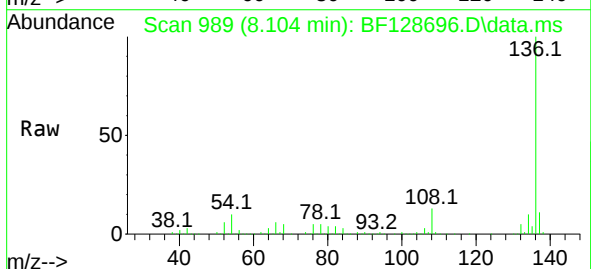
Tgt Ion: 99 Resp: 75546
Ion Ratio Lower Upper
99 100
42 26.1 17.3 25.9
71 45.6 28.9 43.3

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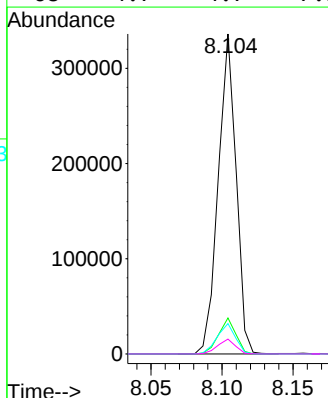
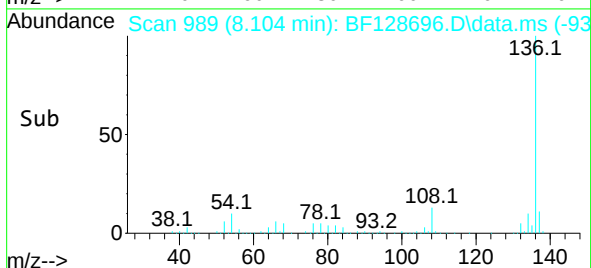
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00



Tgt Ion:136 Resp: 293915
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.5 7.5 11.3
68 4.7 4.7 7.1





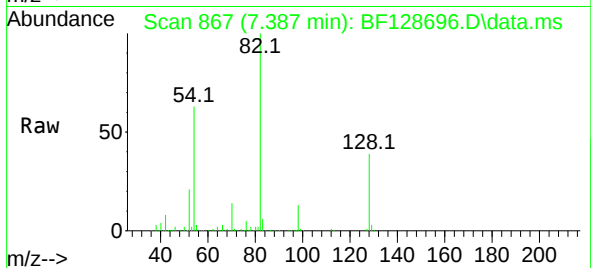
#23
Nitrobenzene-d5
Concen: 81.919 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

Instrument :

BNA_F

ClientSampleId :

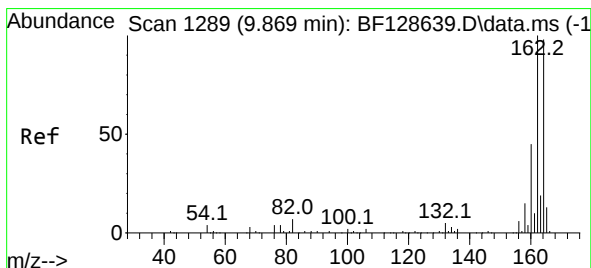
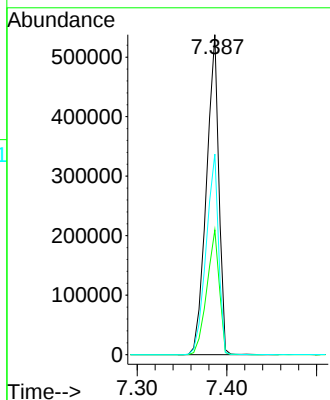
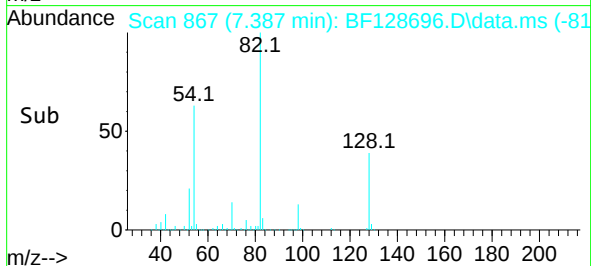
RBR-346



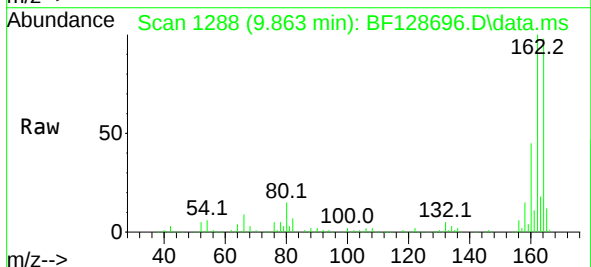
Tgt Ion: 82 Resp: 517138
Ion Ratio Lower Upper
82 100
128 39.0 34.0 51.0
54 62.7 46.9 70.3

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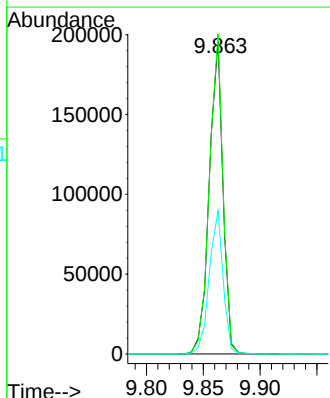
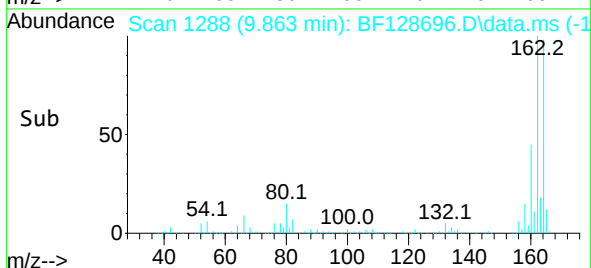
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

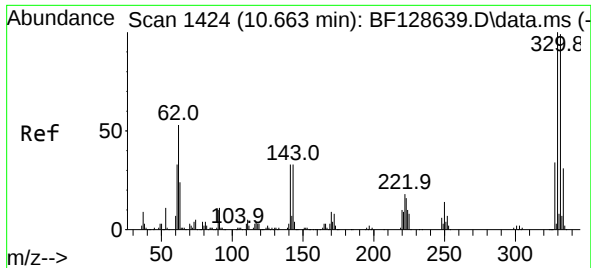


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00



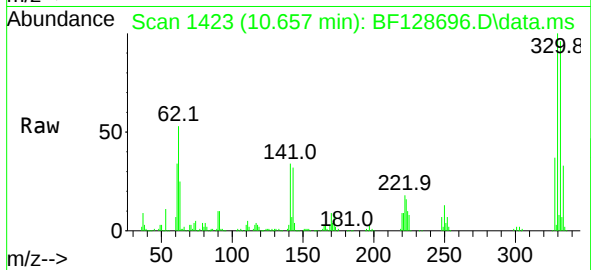
Tgt Ion:164 Resp: 164434
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 45.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 98.938 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

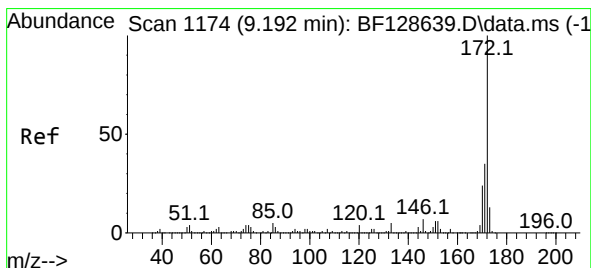
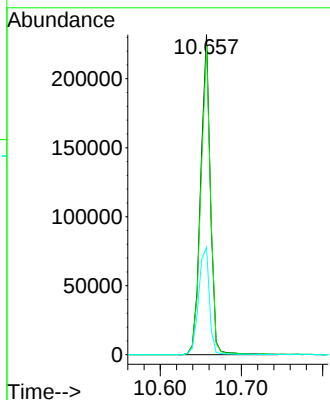
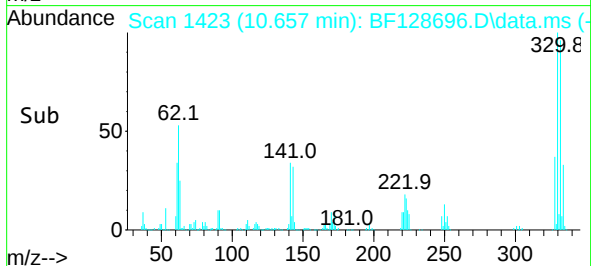
Instrument :
BNA_F
ClientSampleId :
RBR-346



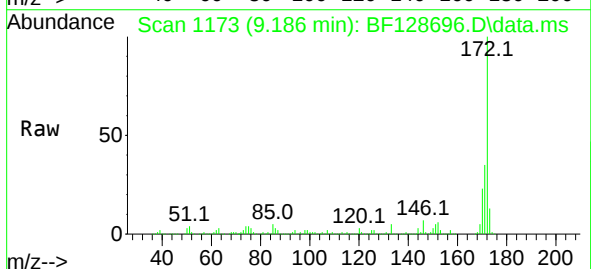
Tgt Ion: 330 Resp: 19222
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 37.2 28.0 42.0

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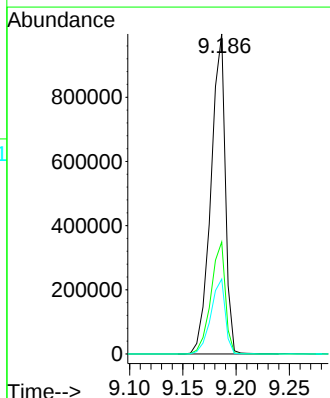
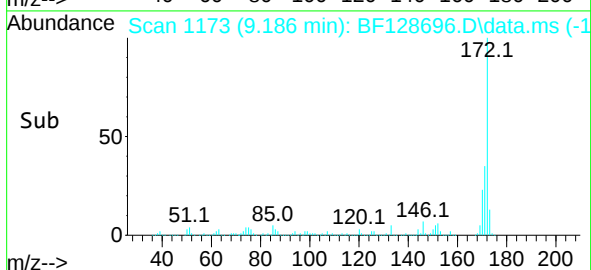
Reviewed By : Christian Giraldo 06/07/2022
Supervised By : Jagrut Upadhyay 06/07/2022

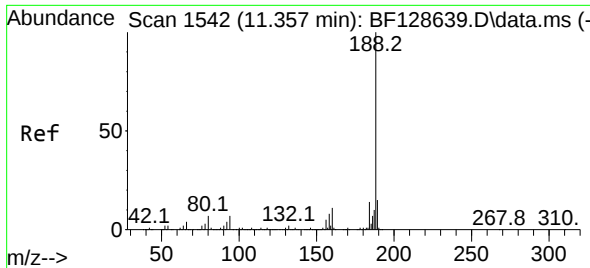


#45
2-Fluorobiphenyl
Concen: 79.714 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00



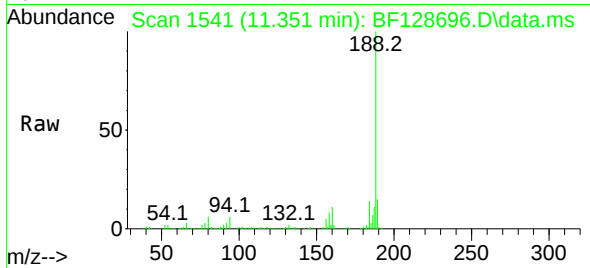
Tgt Ion: 172 Resp: 935731
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

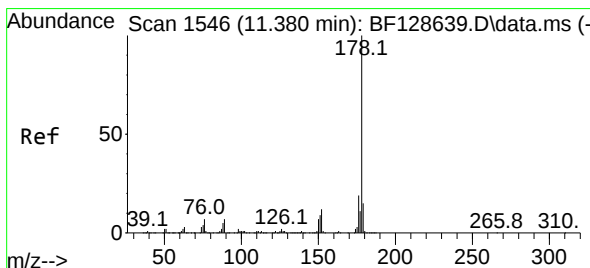
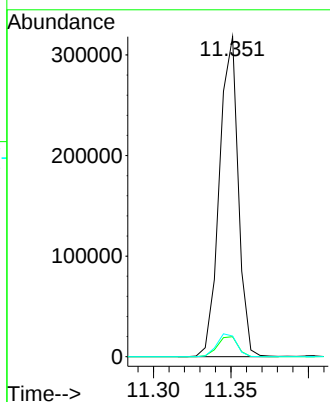
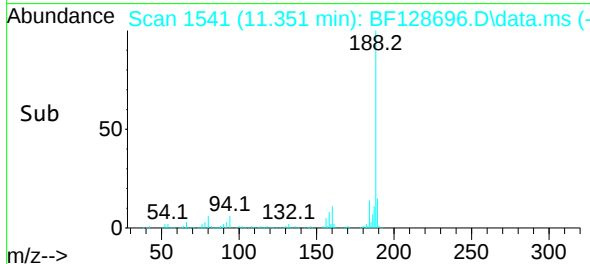
Instrument :
BNA_F
ClientSampleId :
RBR-346



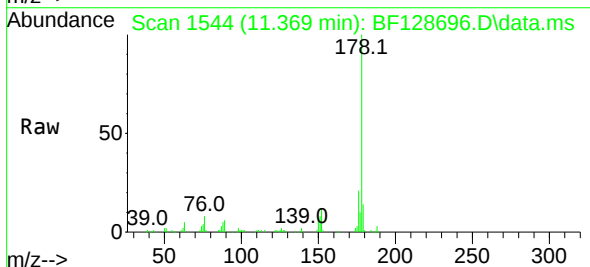
Tgt Ion:188 Resp: 269074
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6
80 6.5 7.6 11.4

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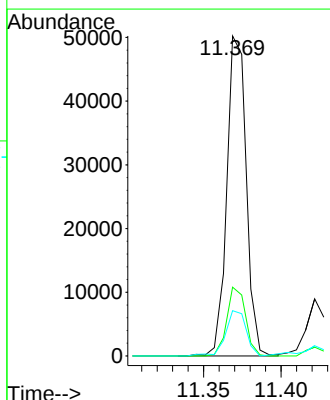
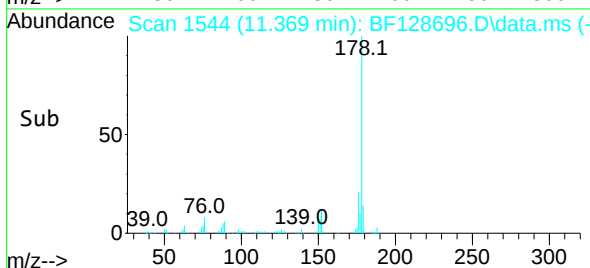
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

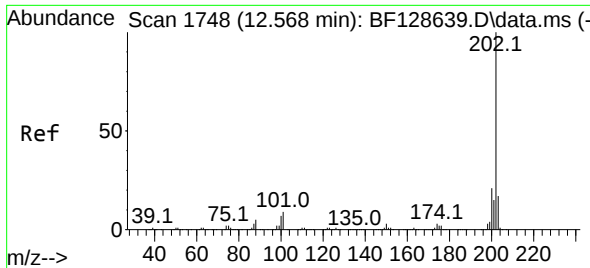


#71
Phenanthrene
Concen: 3.246 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00



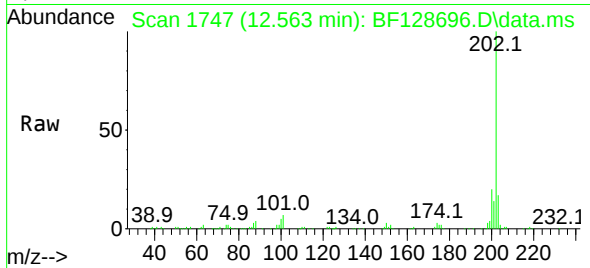
Tgt Ion:178 Resp: 43805
Ion Ratio Lower Upper
178 100
176 21.5 16.0 24.0
179 14.1 12.6 19.0





#75
Fluoranthene
Concen: 4.742 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

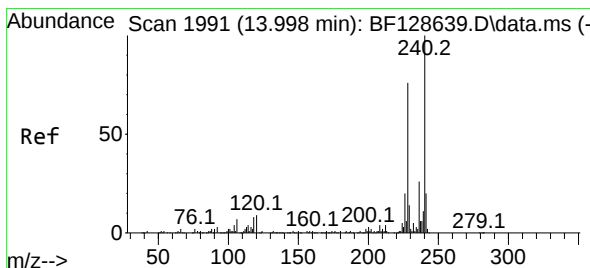
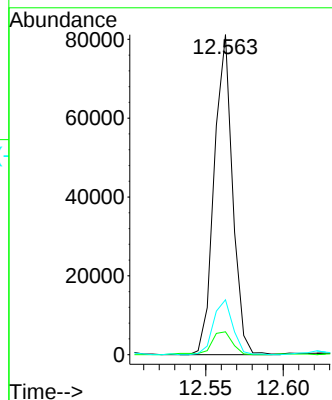
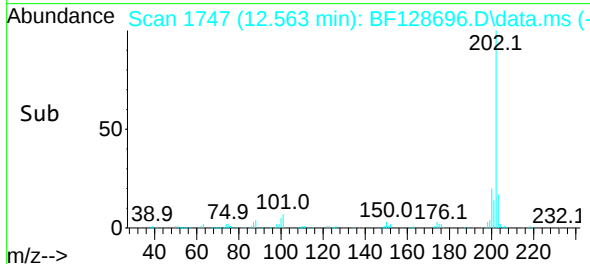
Instrument :
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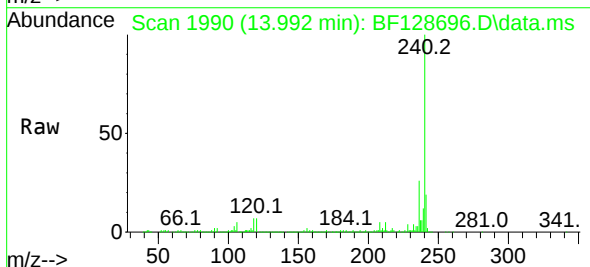
Tgt Ion:202 Resp: 66890
Ion Ratio Lower Upper
202 100
101 7.2 0.0 31.4
203 17.2 0.0 38.0

Manual Integrations
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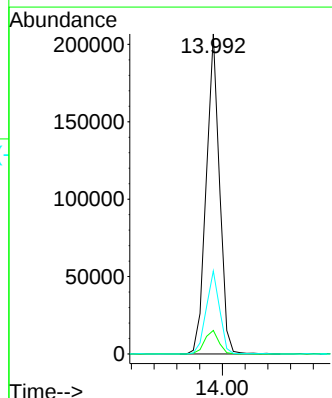
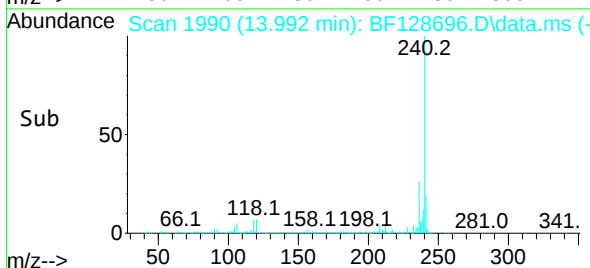
Reviewed By :Christian Giraldo 06/07/2022
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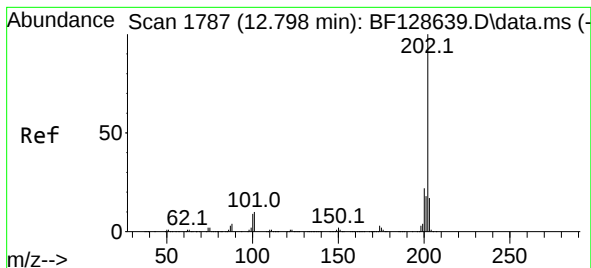


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00



Tgt Ion:240 Resp: 167544
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 26.0 20.8 31.2





#78

Pyrene

Concen: 4.656 ng

RT: 12.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128696.D

Acq: 06 Jun 2022 15:00

Instrument :

BNA_F

ClientSampleId :

RBR-346

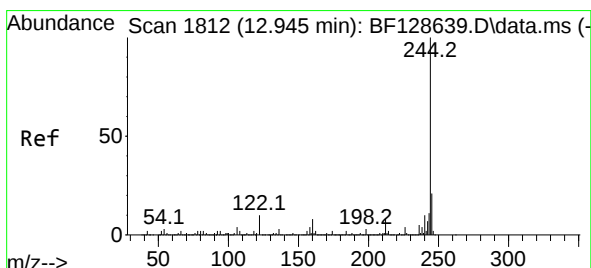
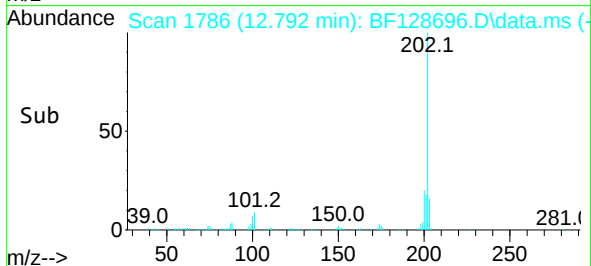
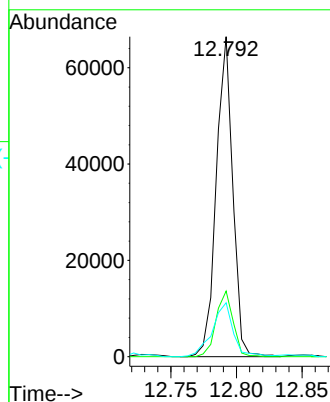
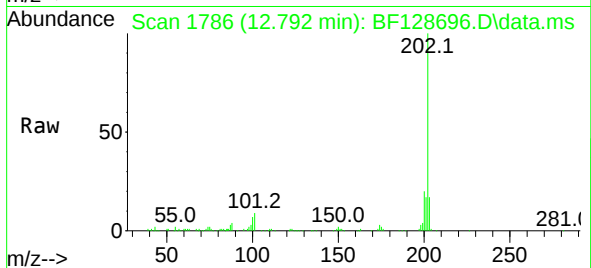
Tgt Ion:202	Resp:	5804
Ion Ratio	Lower	Upper
202	100	
200	20.5	17.7 26.5
203	16.8	14.6 21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/07/2022



#79

Terphenyl-d14

Concen: 77.971 ng

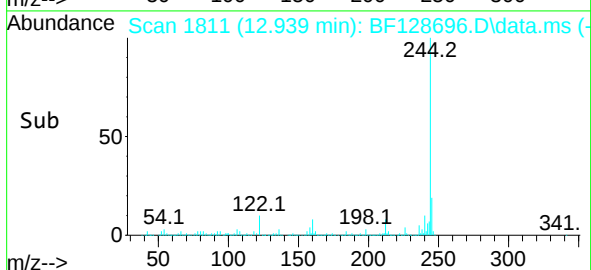
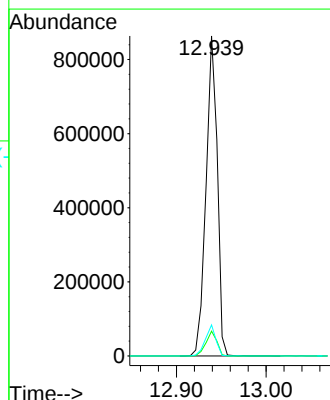
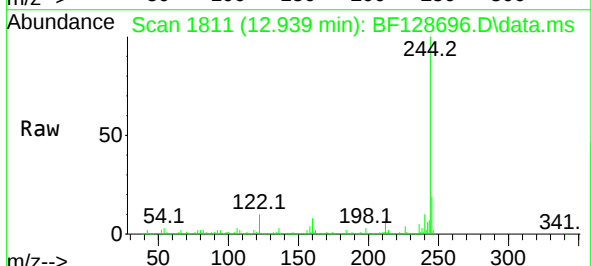
RT: 12.939 min Scan# 1811

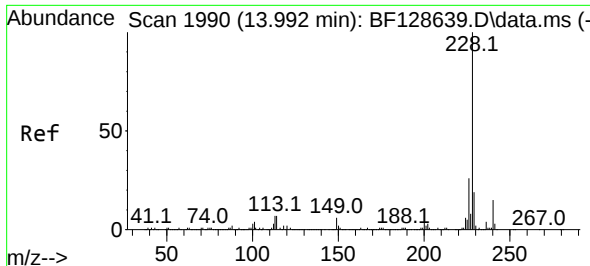
Delta R.T. -0.006 min

Lab File: BF128696.D

Acq: 06 Jun 2022 15:00

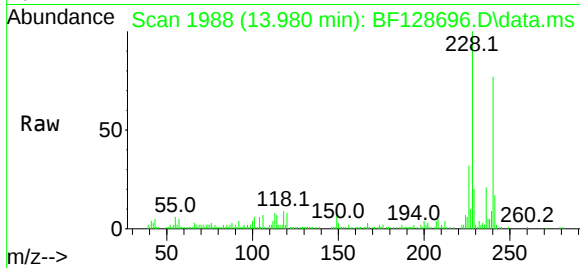
Tgt Ion:244	Resp:	751801
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.1 9.1
122	9.7	8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.136 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

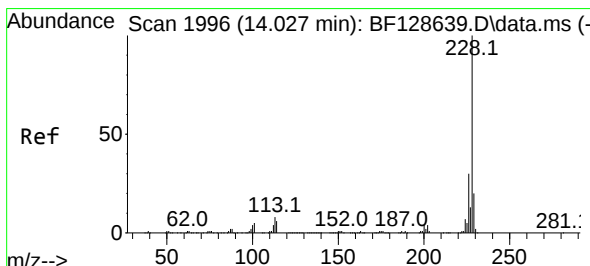
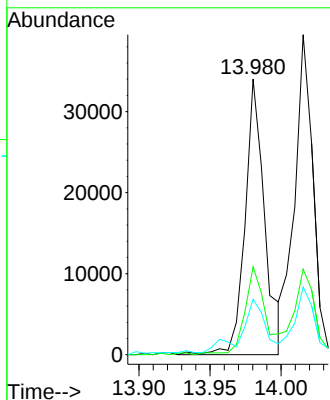
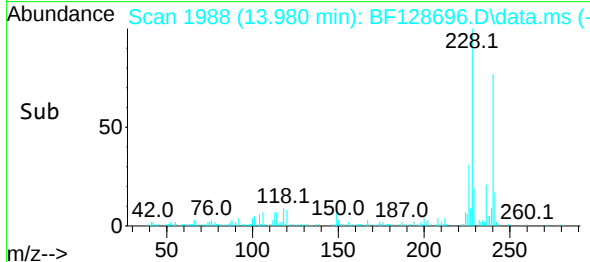
Instrument :
BNA_F
ClientSampleId :
RBR-346



Tgt Ion:228 Resp: 32752
Ion Ratio Lower Upper
228 100
226 31.9 22.1 33.1
229 20.1 15.8 23.8

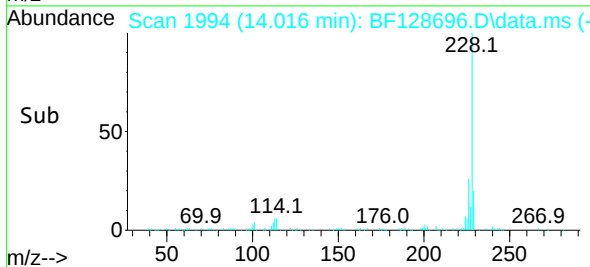
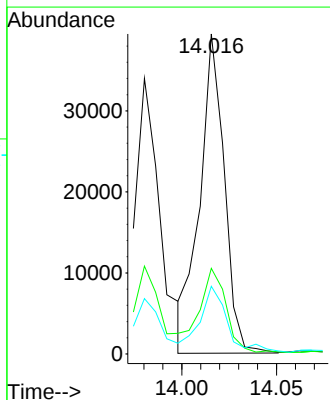
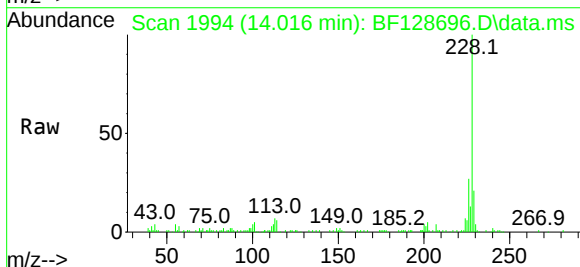
Manual Integrations
APPROVED

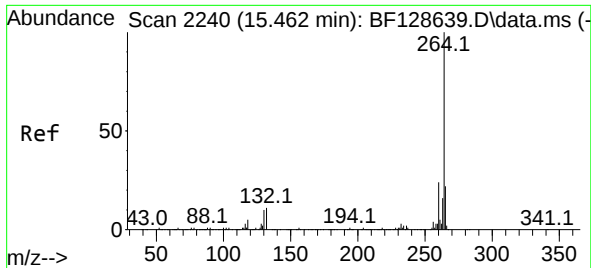
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#83
Chrysene
Concen: 3.570 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

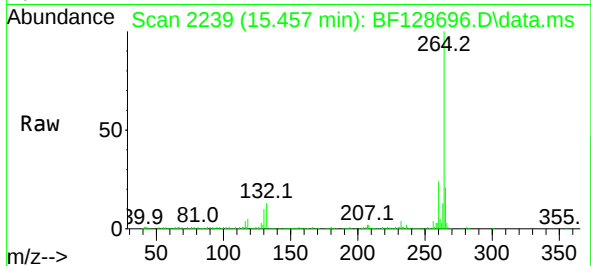
Tgt Ion:228 Resp: 35544
Ion Ratio Lower Upper
228 100
226 26.8 24.3 36.5
229 21.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

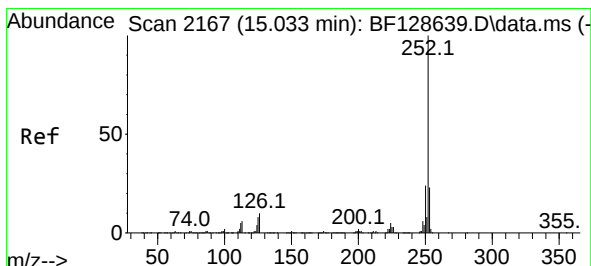
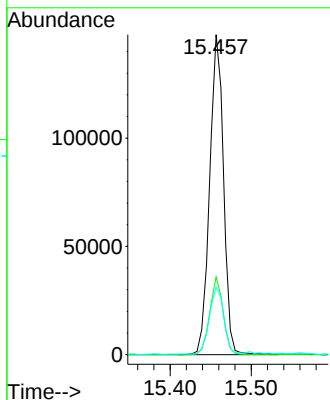
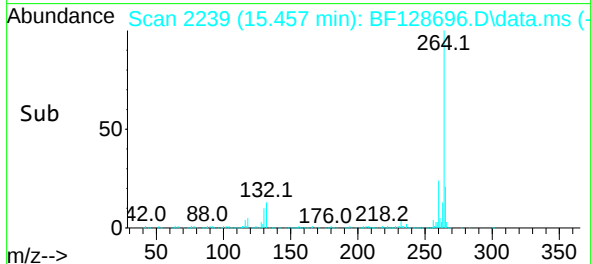
Instrument :
BNA_F
ClientSampleId :
RBR-346



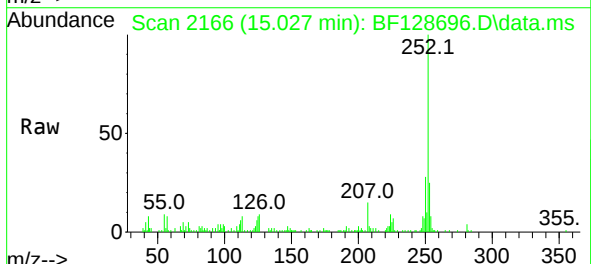
Tgt Ion:264 Resp: 175085
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.2 17.2 25.8

Manual Integrations
APPROVED

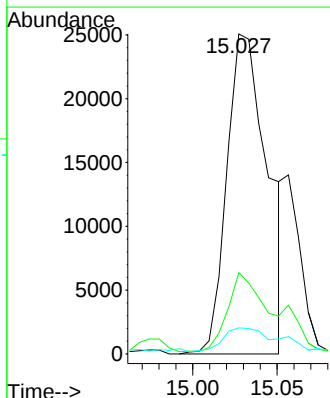
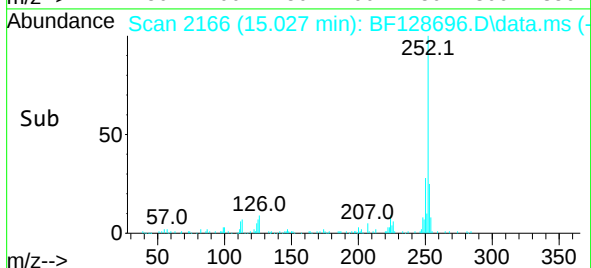
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

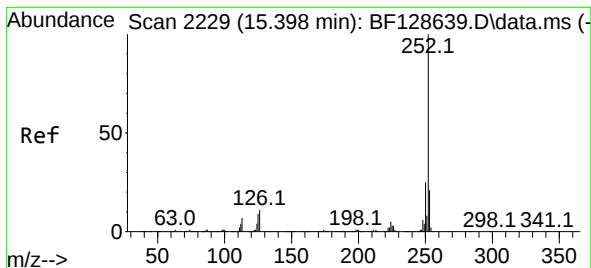


#88
Benzo(b)fluoranthene
Concen: 3.760 ng m
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00



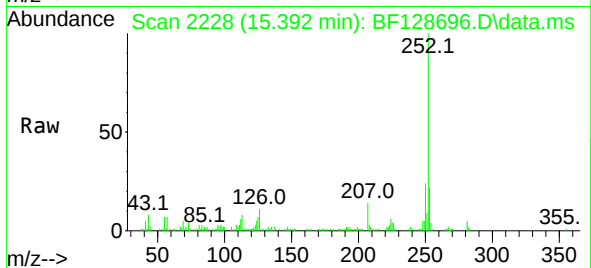
Tgt Ion:252 Resp: 42069
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 8.2 8.0 12.0





#90
Benzo(a)pyrene
Concen: 3.229 ng m
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

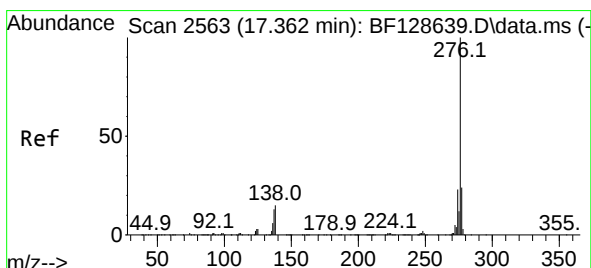
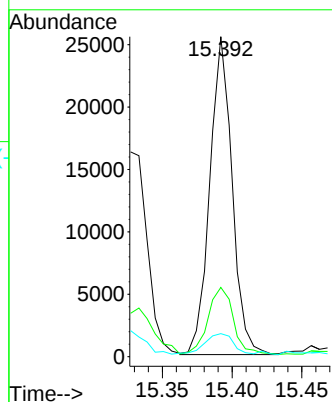
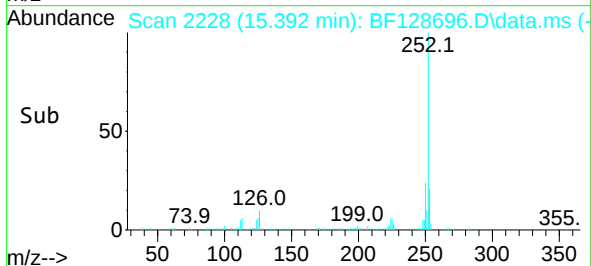
Instrument :
BNA_F
ClientSampleId :
RBR-346



Tgt Ion:252 Resp: 28390
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 7.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#92
Benzo(g,h,i)perylene
Concen: 2.079 ng
RT: 17.339 min Scan# 2559
Delta R.T. -0.023 min
Lab File: BF128696.D
Acq: 06 Jun 2022 15:00

Tgt Ion:276 Resp: 18040
Ion Ratio Lower Upper
276 100
277 20.2 19.1 28.7
138 17.6 18.0 27.0

