

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129528.D
 Acq On : 03 Aug 2022 02:28
 Operator : CG\JU
 Sample : N3990-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-080122

Quant Time: Aug 03 03:01:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/03/2022
 Supervised By :Jagrut Upadhyay 08/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	153104	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	524183	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	223244	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	372862	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	259069	20.000	ng	0.00
86) Perylene-d12	15.539	264	192898	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	195860	20.839	ng	0.00
7) Phenol-d6	6.522	99	232425	19.674	ng	0.00
23) Nitrobenzene-d5	7.434	82	125875	13.109	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	38626	17.996	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	213962	14.826	ng	0.00
79) Terphenyl-d14	12.992	244	209723	15.272	ng	0.00
Target Compounds						
71) Phenanthrene	11.428	178	45648	2.243	ng	Qvalue 98
75) Fluoranthene	12.622	202	82321	3.992	ng	98
78) Pyrene	12.851	202	71970	3.322	ng	97
88) Benzo(b)fluoranthene	15.104	252	37060m	2.896	ng	
90) Benzo(a)pyrene	15.474	252	25508	2.456	ng	# 78

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

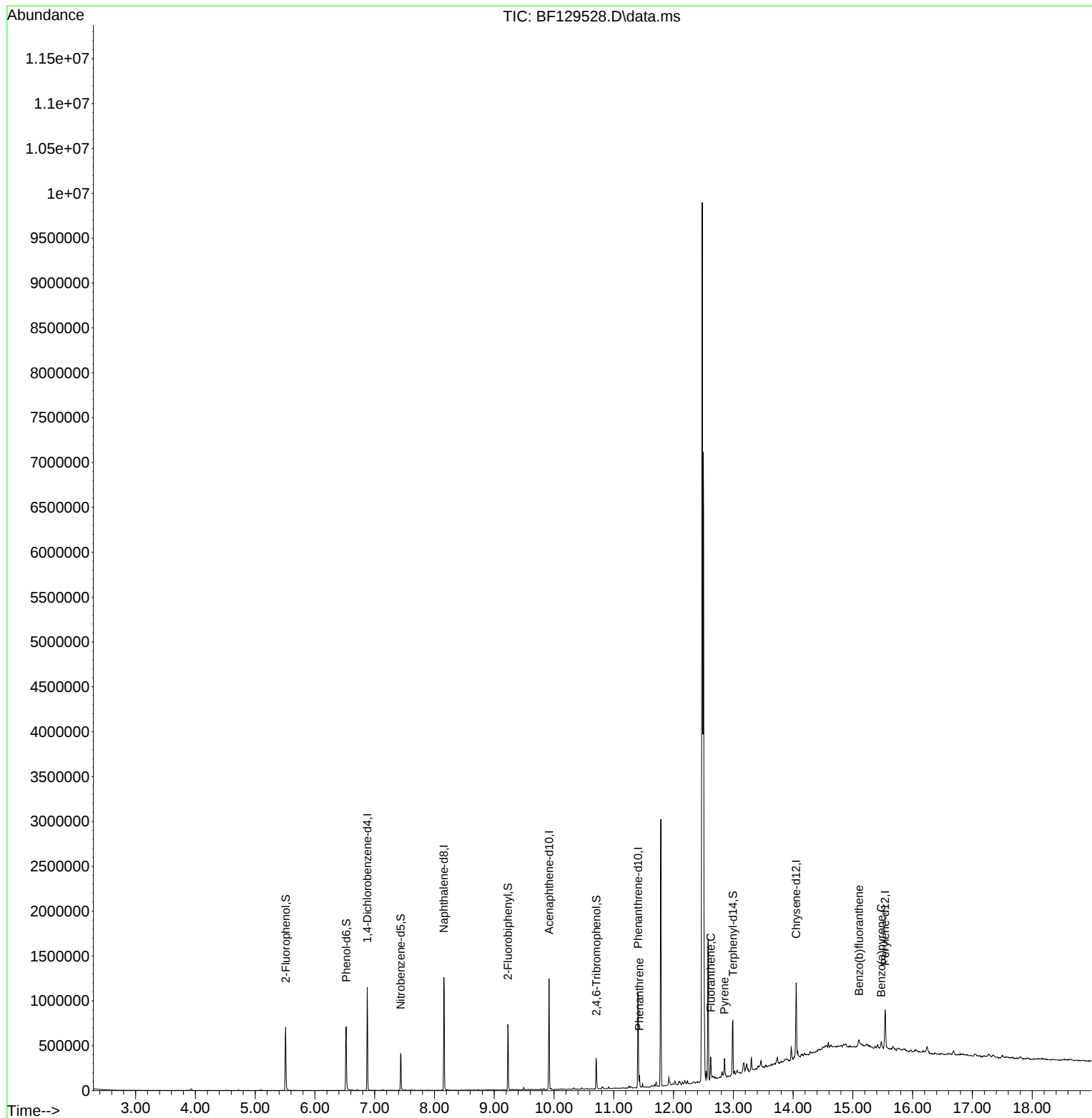
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129528.D
Acq On : 03 Aug 2022 02:28
Operator : CG\JU
Sample : N3990-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-080122

Quant Time: Aug 03 03:01:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

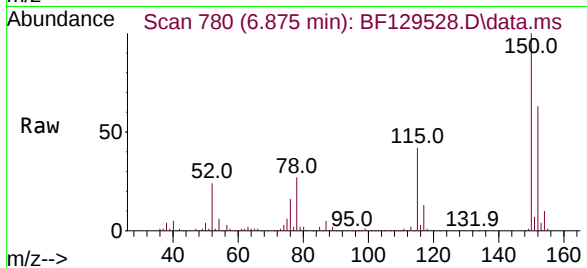
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

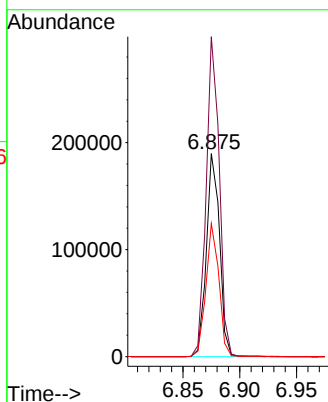
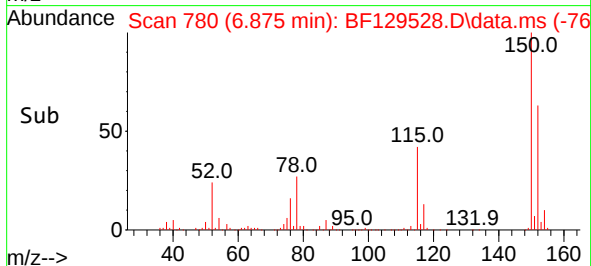
Instrument :
BNA_F
ClientSampleId :
HR-04-080122



Tgt Ion:152 Resp: 153104
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 65.6 49.9 74.9

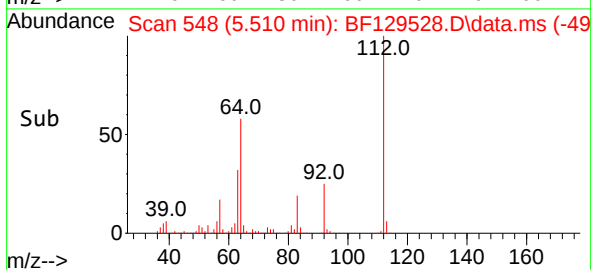
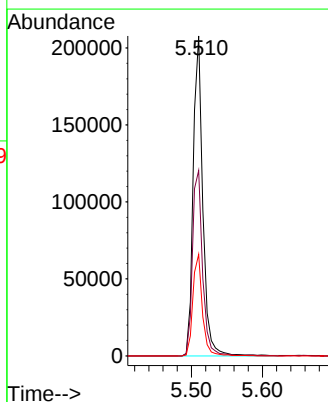
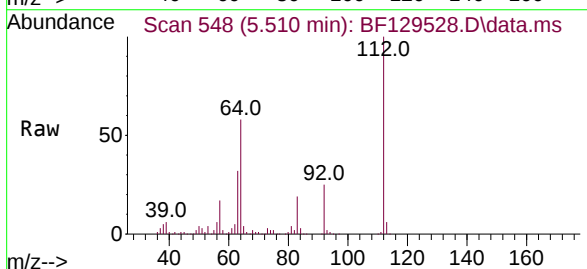
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#5
2-Fluorophenol
Concen: 20.839 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

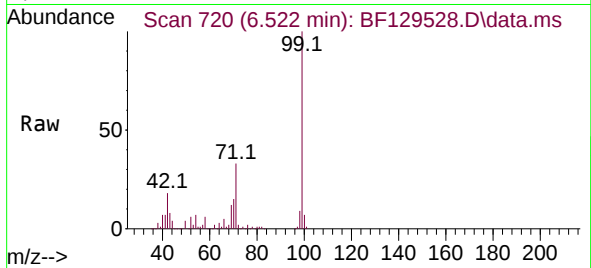
Tgt Ion:112 Resp: 195860
Ion Ratio Lower Upper
112 100
64 57.9 53.3 79.9
63 31.7 28.0 42.0





#7
Phenol-d6
Concen: 19.674 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

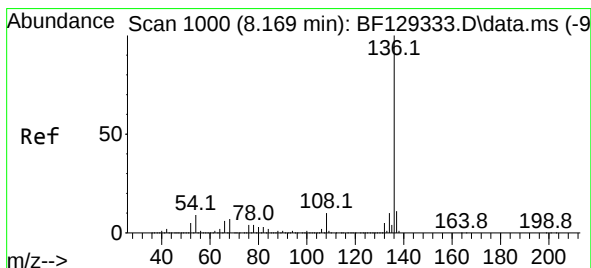
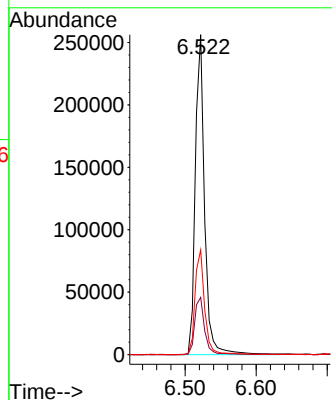
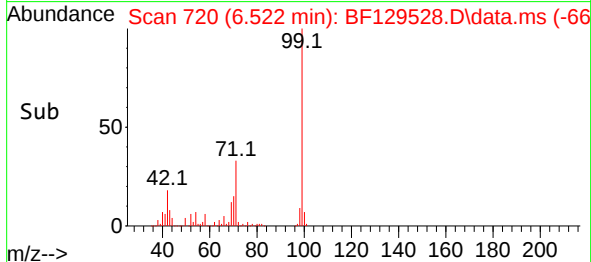
Instrument :
BNA_F
ClientSampleId :
HR-04-080122



Tgt Ion: 99 Resp: 232425
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 32.7 28.9 43.3

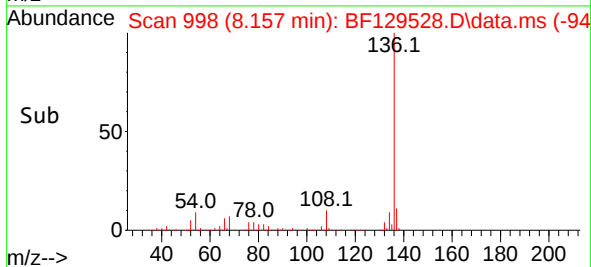
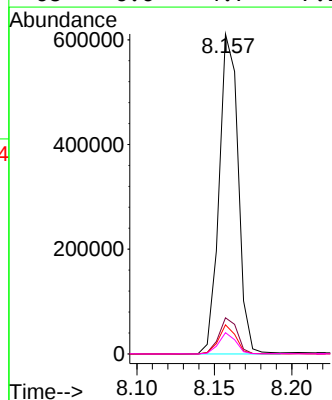
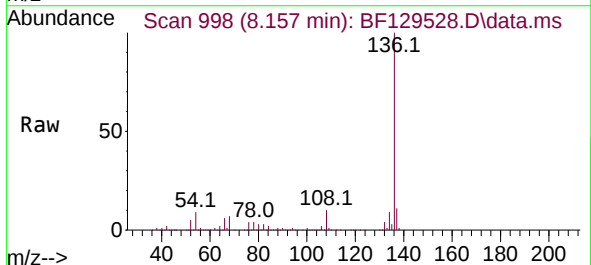
Manual Integrations
APPROVED

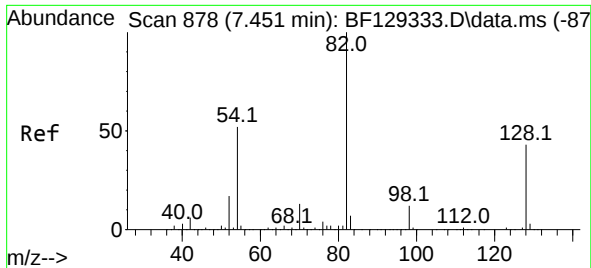
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

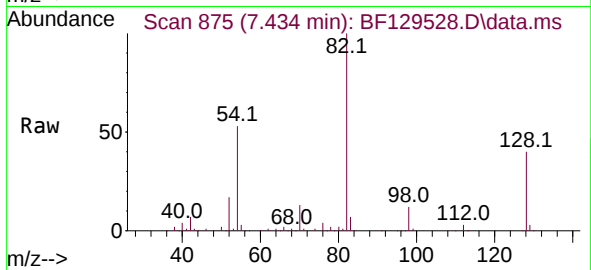
Tgt Ion:136 Resp: 524183
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.1 7.5 11.3
68 6.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 13.109 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

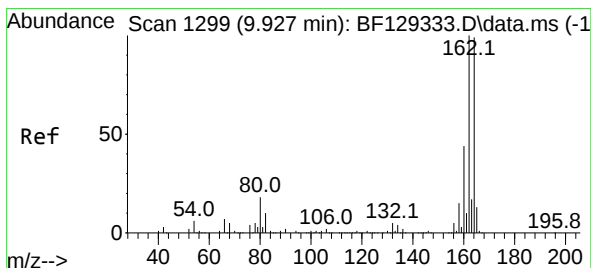
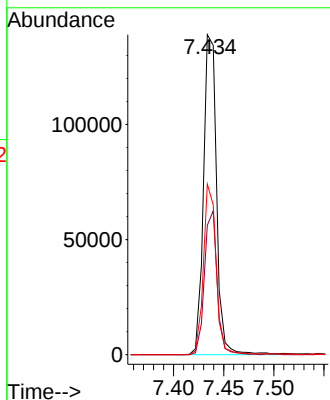
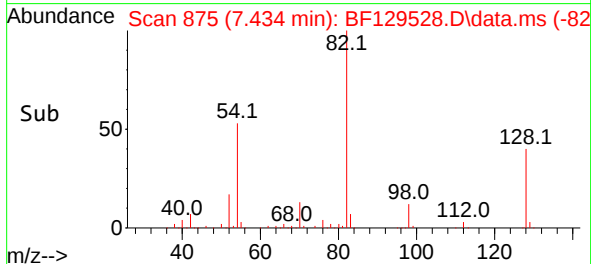
Instrument :
BNA_F
ClientSampleId :
HR-04-080122



Tgt Ion: 82 Resp: 125875
Ion Ratio Lower Upper
82 100
128 40.4 34.0 51.0
54 53.3 46.9 70.3

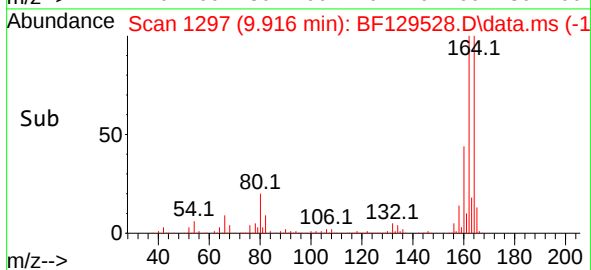
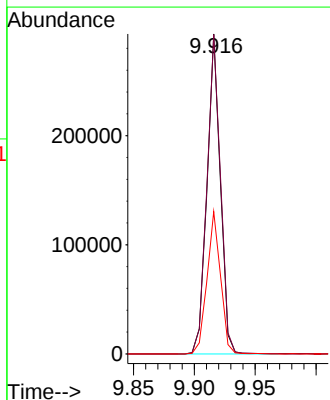
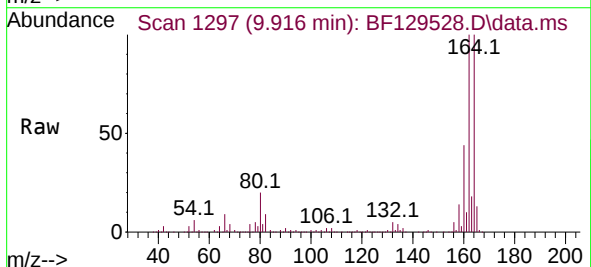
Manual Integrations
APPROVED

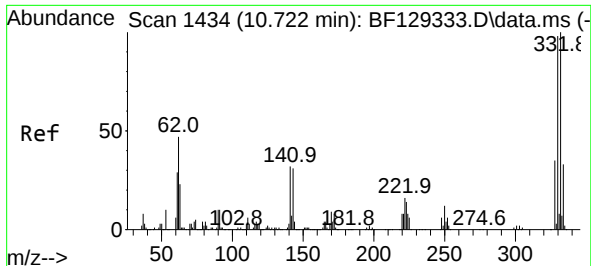
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

Tgt Ion:164 Resp: 223244
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 17.996 ng

RT: 10.710 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129528.D

Acq: 03 Aug 2022 02:28

Instrument :

BNA_F

ClientSampleId :

HR-04-080122

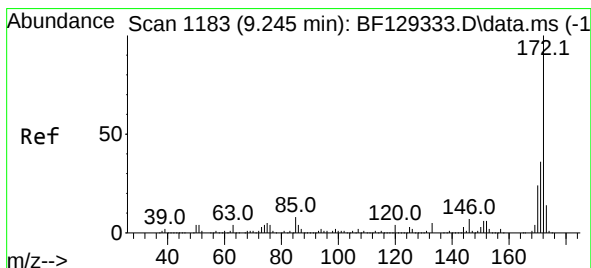
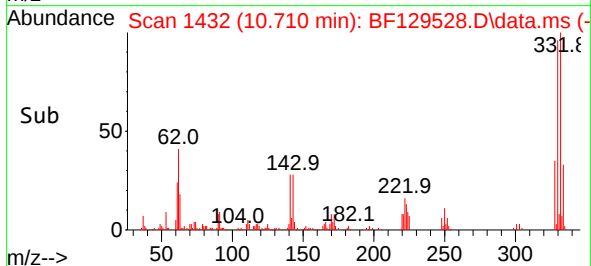
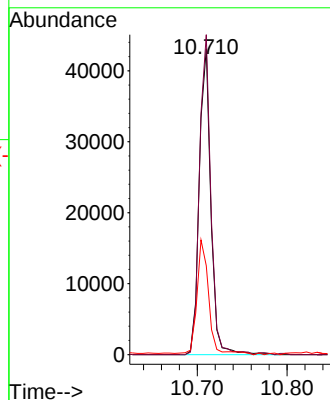
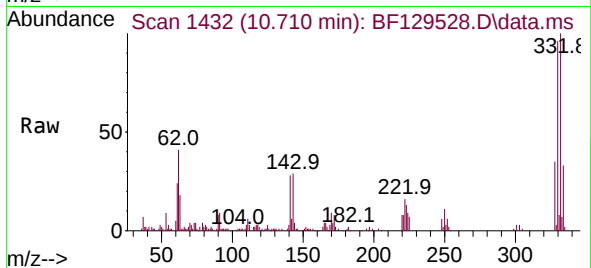
Tgt Ion:	330	Resp:	38620
Ion Ratio	Lower	Upper	
330	100		
332	102.4	76.8	115.2
141	38.3	28.0	42.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/03/2022

Supervised By :Jagrut Upadhyay 08/03/2022



#45

2-Fluorobiphenyl

Concen: 14.826 ng

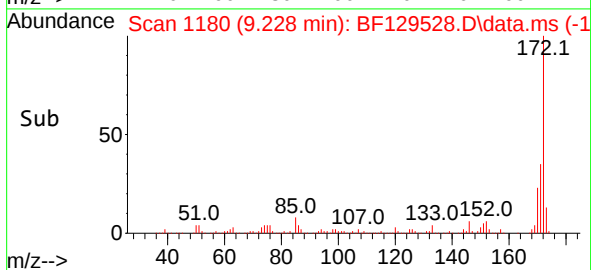
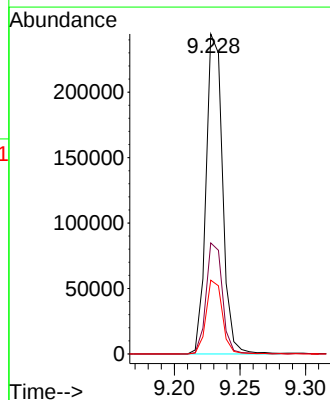
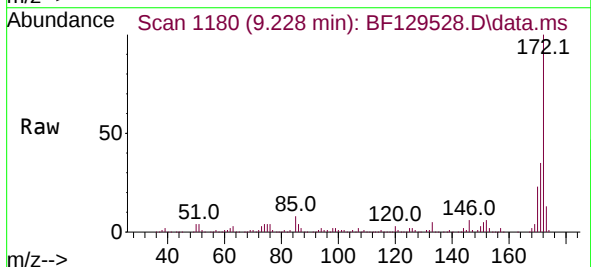
RT: 9.228 min Scan# 1180

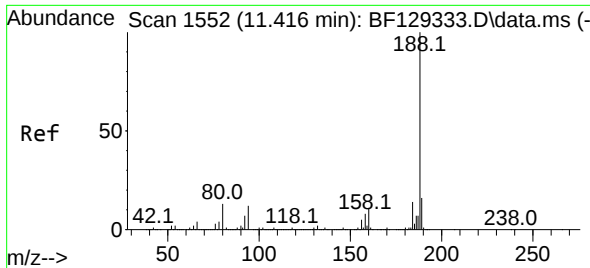
Delta R.T. -0.006 min

Lab File: BF129528.D

Acq: 03 Aug 2022 02:28

Tgt Ion:	172	Resp:	213962
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.8	43.2
170	23.0	19.8	29.8





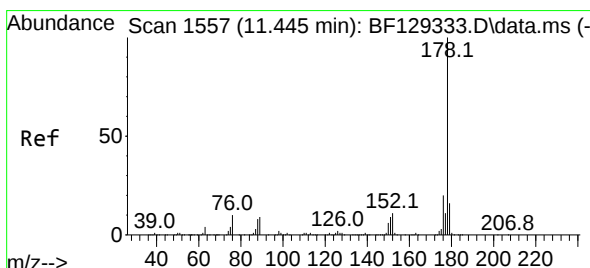
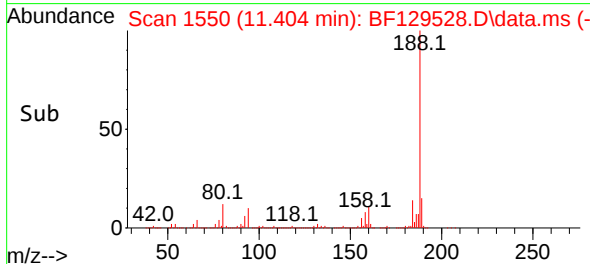
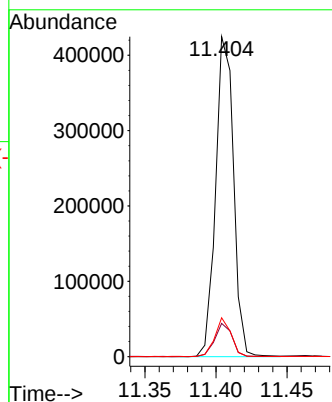
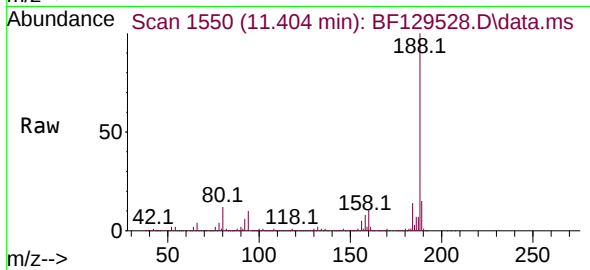
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

Instrument :
BNA_F
ClientSampleId :
HR-04-080122

Tgt Ion:188 Resp: 372862
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 12.1 7.6 11.4

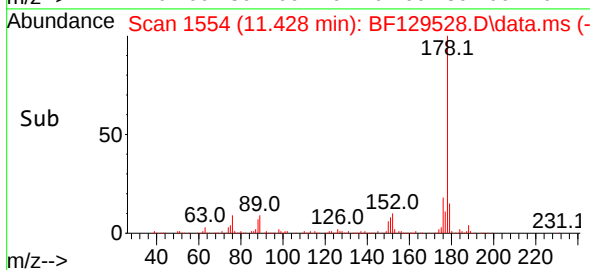
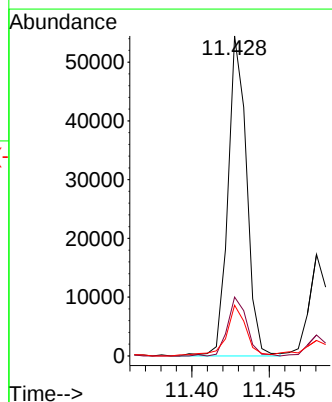
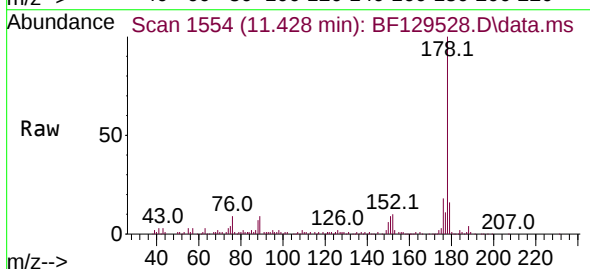
Manual Integrations
APPROVED

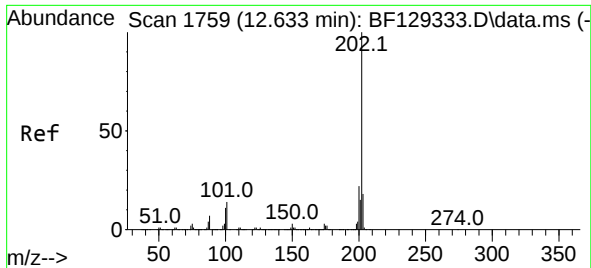
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#71
Phenanthrene
Concen: 2.243 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

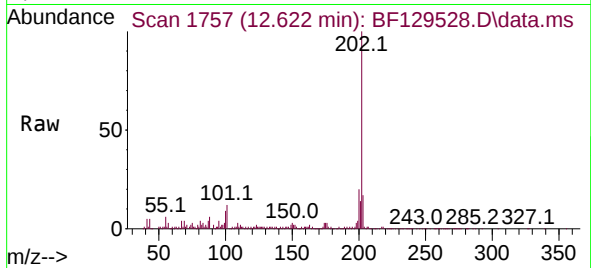
Tgt Ion:178 Resp: 45648
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.8 12.6 19.0





#75
Fluoranthene
Concen: 3.992 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

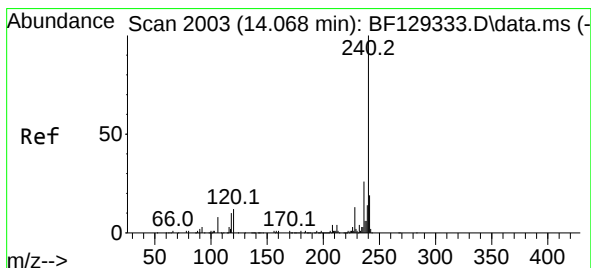
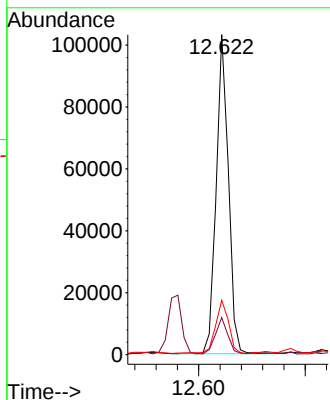
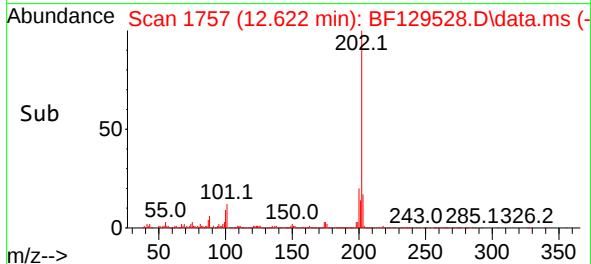
Instrument :
BNA_F
ClientSampleId :
HR-04-080122



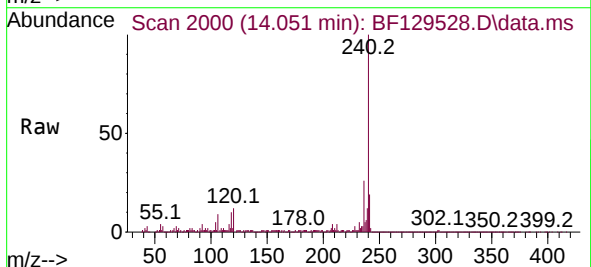
Tgt Ion:202 Resp: 82321
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.0 0.0 38.0

Manual Integrations
APPROVED

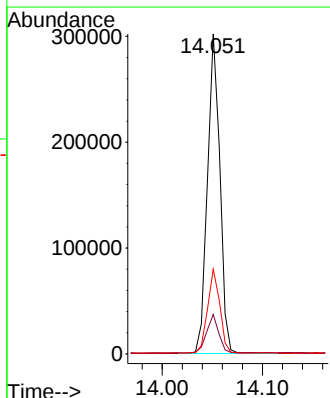
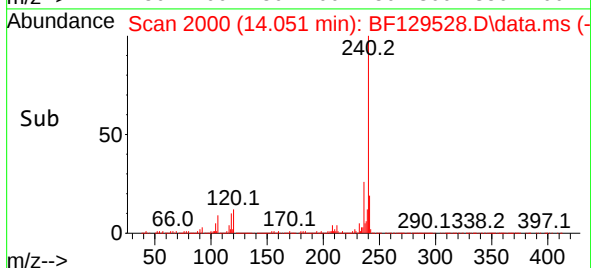
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

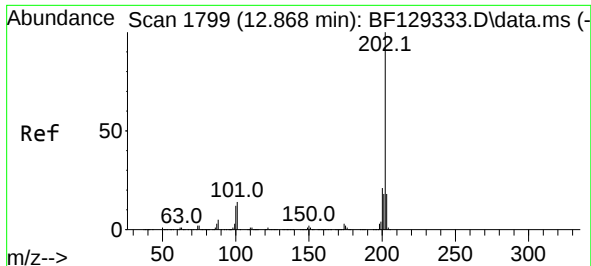


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28



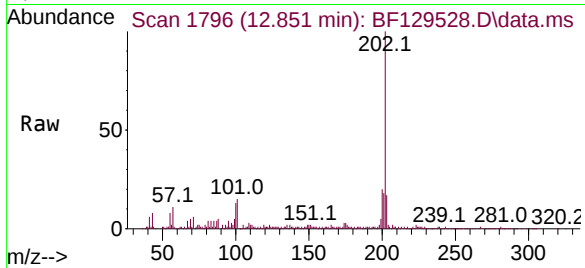
Tgt Ion:240 Resp: 259069
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 26.5 20.8 31.2





#78
Pyrene
Concen: 3.322 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

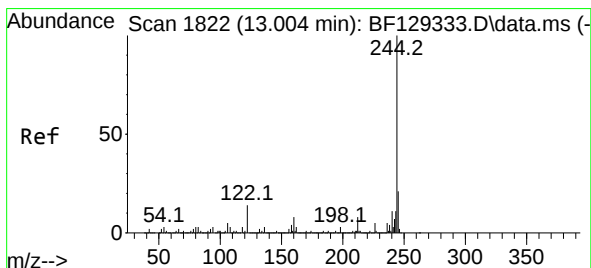
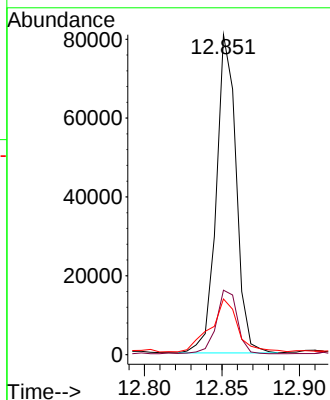
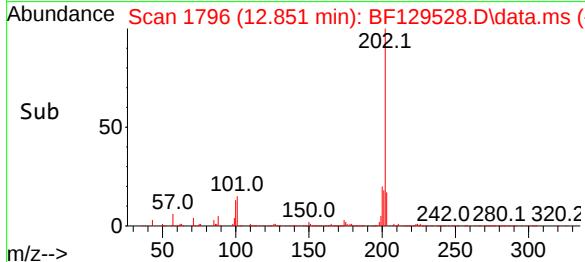
Instrument :
BNA_F
ClientSampleId :
HR-04-080122



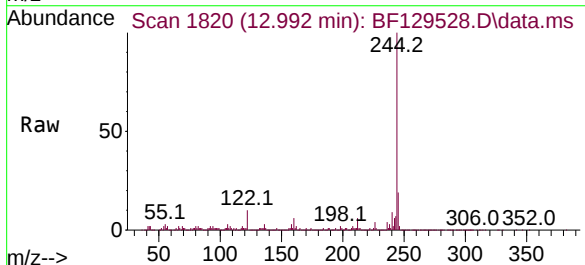
Tgt Ion:202 Resp: 71970
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 17.4 14.6 21.8

Manual Integrations
APPROVED

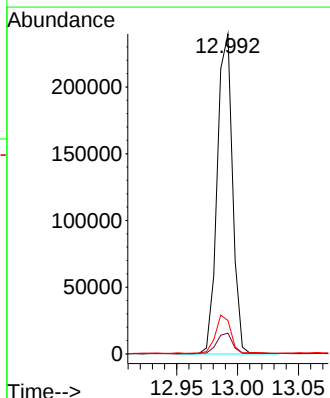
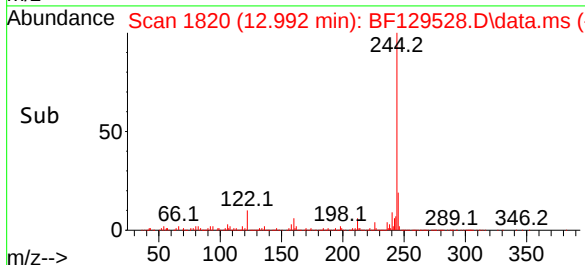
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

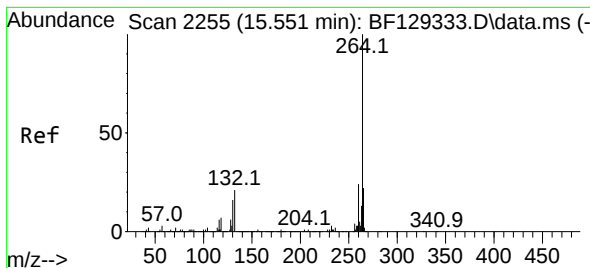


#79
Terphenyl-d14
Concen: 15.272 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28



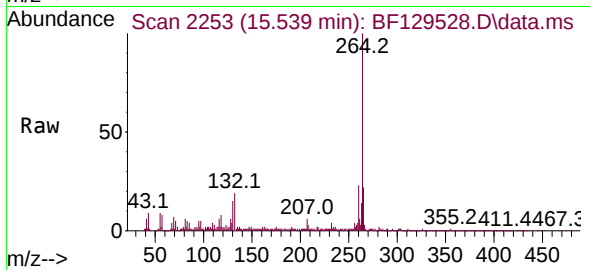
Tgt Ion:244 Resp: 209723
Ion Ratio Lower Upper
244 100
212 6.5 6.1 9.1
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

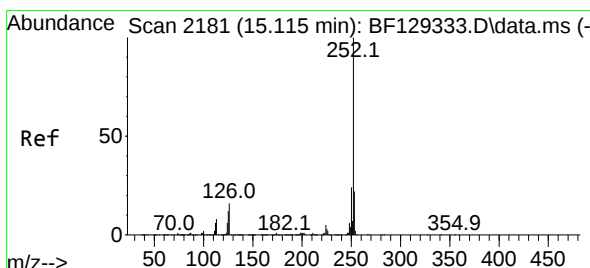
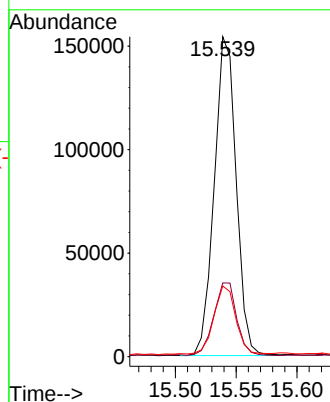
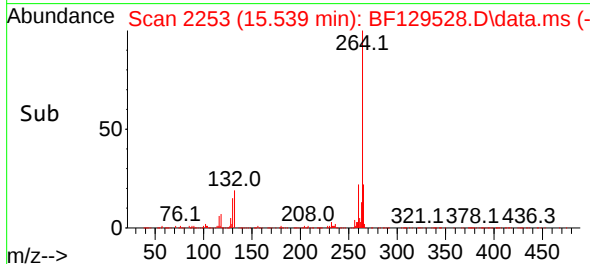
Instrument :
BNA_F
ClientSampleId :
HR-04-080122



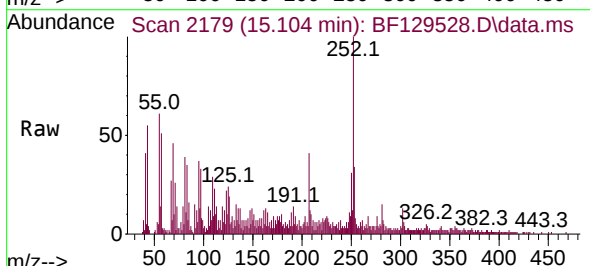
Tgt Ion:264 Resp: 192898
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 22.1 17.2 25.8

Manual Integrations
APPROVED

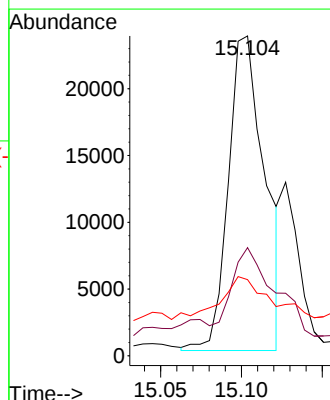
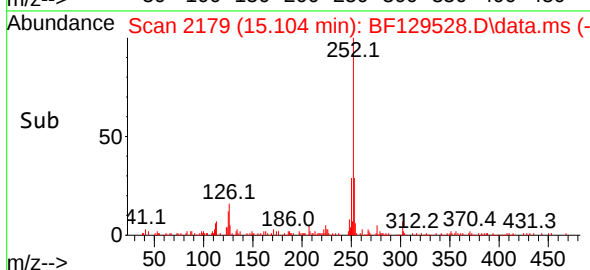
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

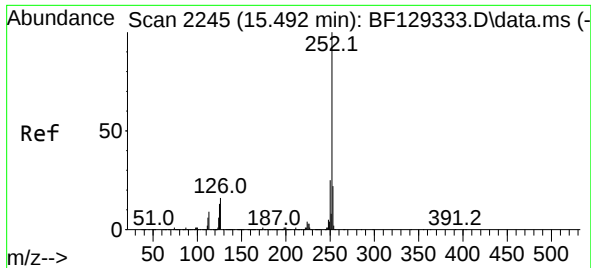


#88
Benzo(b)fluoranthene
Concen: 2.896 ng m
RT: 15.104 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28



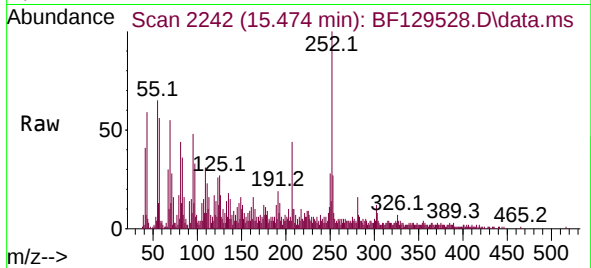
Tgt Ion:252 Resp: 37060
Ion Ratio Lower Upper
252 100
253 33.8 17.7 26.5#
125 23.8 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 2.456 ng
RT: 15.474 min Scan# 2245
Delta R.T. 0.006 min
Lab File: BF129528.D
Acq: 03 Aug 2022 02:28

Instrument :
BNA_F
ClientSampleId :
HR-04-080122



Tgt Ion:	252	Resp:	25508
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.0	25.6
125	26.5	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

