

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129591.D
 Acq On : 05 Aug 2022 03:04
 Operator : CG\JU
 Sample : N3930-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-107

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 03:31:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	142072	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	498913	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	211719	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	313040	20.000	ng	0.00
76) Chrysene-d12	14.033	240	260418	20.000	ng	0.00
86) Perylene-d12	15.516	264	210345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	739584	84.801	ng	0.00
7) Phenol-d6	6.510	99	882645	80.516	ng	0.00
23) Nitrobenzene-d5	7.422	82	532986	58.317	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	156234	76.754	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	899648	65.734	ng	0.00
79) Terphenyl-d14	12.969	244	791485	57.339	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.604	202	57194	3.303	ng	98
78) Pyrene	12.833	202	60946	2.799	ng	96
81) Benzo(a)anthracene	14.022	228	36882	2.073	ng	93
83) Chrysene	14.057	228	55747	3.325	ng	98
88) Benzo(b)fluoranthene	15.080	252	89553m	6.418	ng	
90) Benzo(a)pyrene	15.451	252	30389	2.683	ng	# 92

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

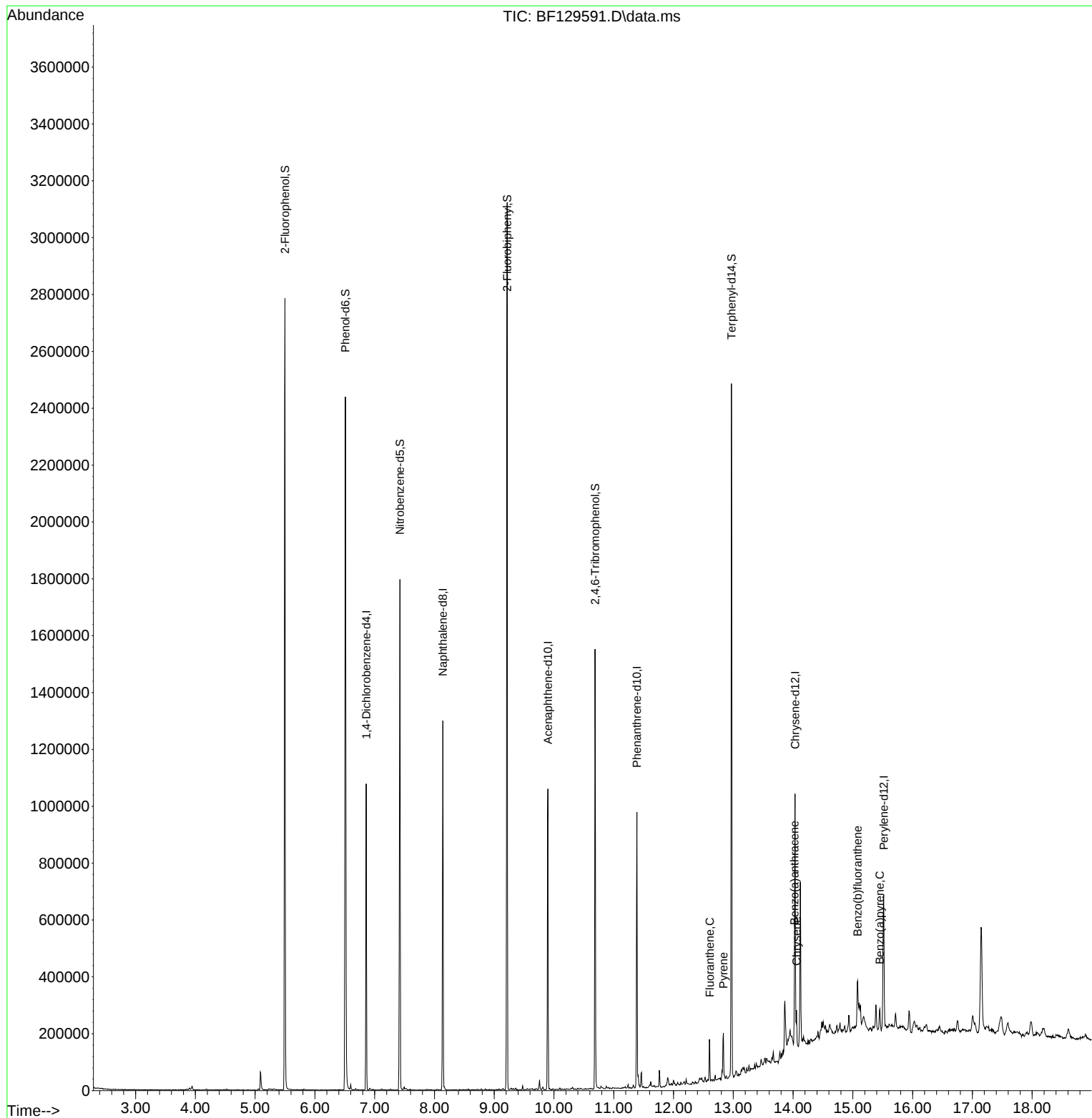
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129591.D
Acq On : 05 Aug 2022 03:04
Operator : CG\JU
Sample : N3930-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-107

Quant Time: Aug 05 03:31:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

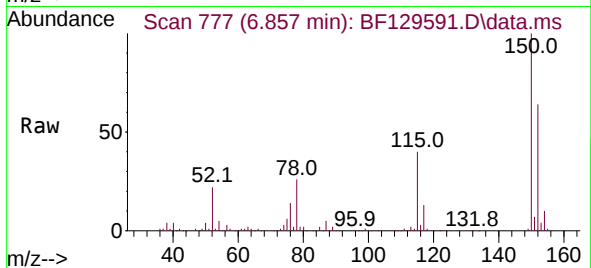
Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129591.D
 Acq: 05 Aug 2022 03:04

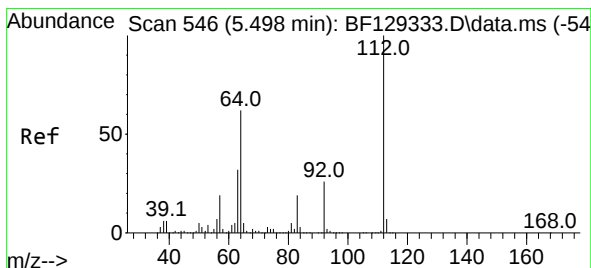
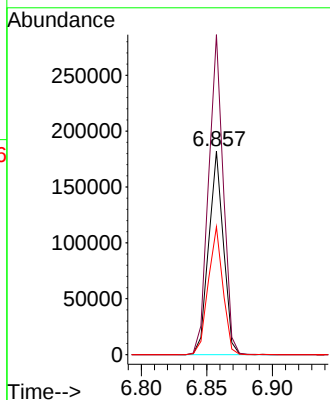
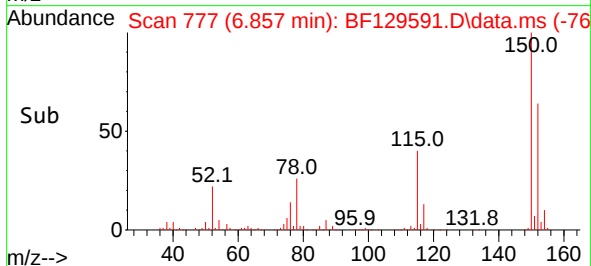
Instrument :
 BNA_F
 ClientSampleId :
 RVE-107



Tgt Ion:152 Resp: 142072
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 62.8 49.9 74.9

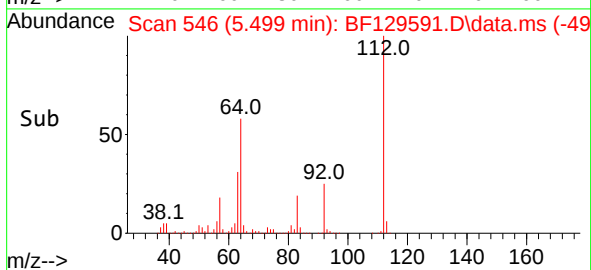
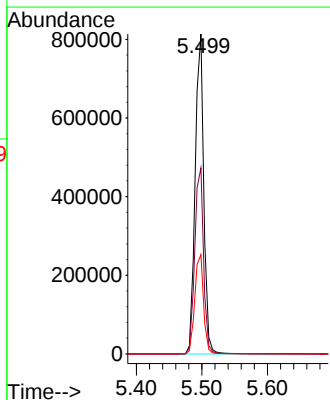
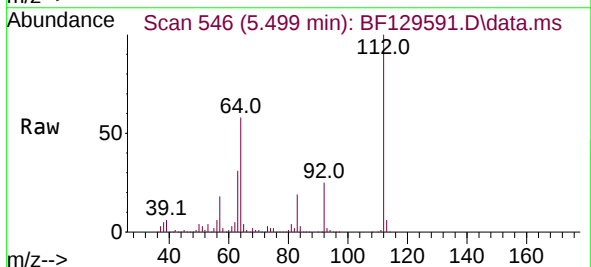
Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#5
 2-Fluorophenol
 Concen: 84.801 ng
 RT: 5.499 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129591.D
 Acq: 05 Aug 2022 03:04

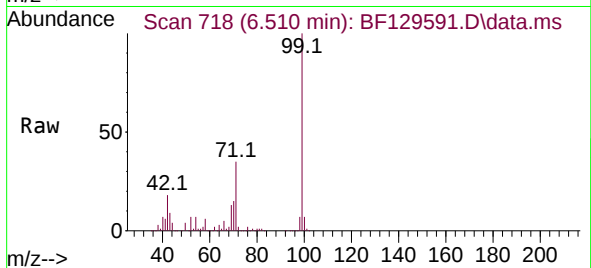
Tgt Ion:112 Resp: 739584
 Ion Ratio Lower Upper
 112 100
 64 58.1 53.3 79.9
 63 31.0 28.0 42.0





#7
Phenol-d6
Concen: 80.516 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

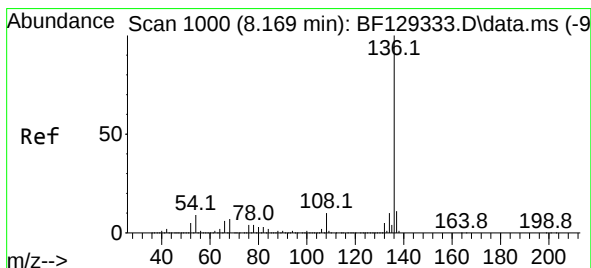
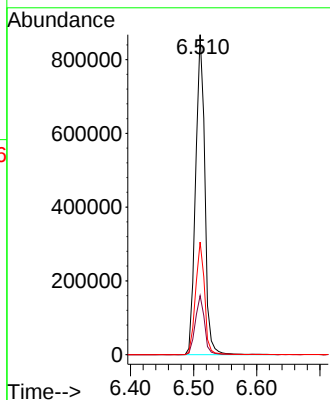
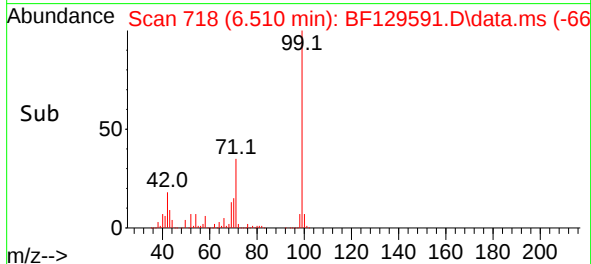
Instrument :
BNA_F
ClientSampleId :
RVE-107



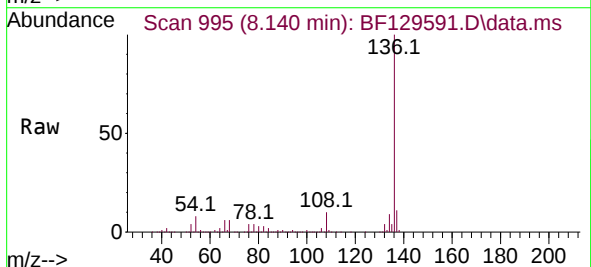
Tgt Ion: 99 Resp: 882645
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.2 28.9 43.3

Manual Integrations
APPROVED

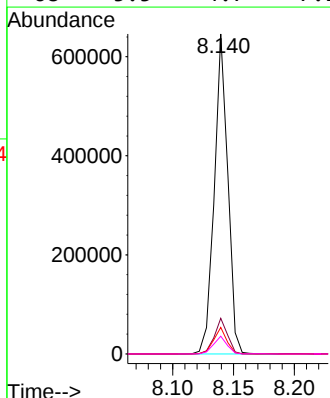
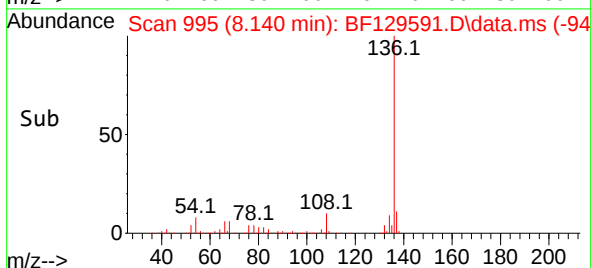
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04



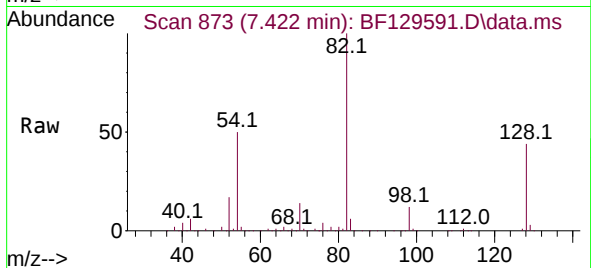
Tgt Ion:136 Resp: 498913
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 7.5 11.3
68 5.5 4.7 7.1





#23
Nitrobenzene-d5
Concen: 58.317 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

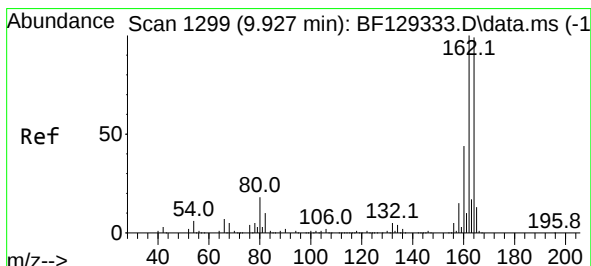
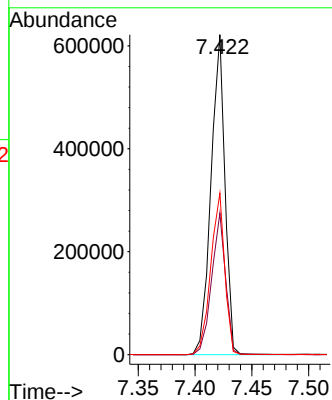
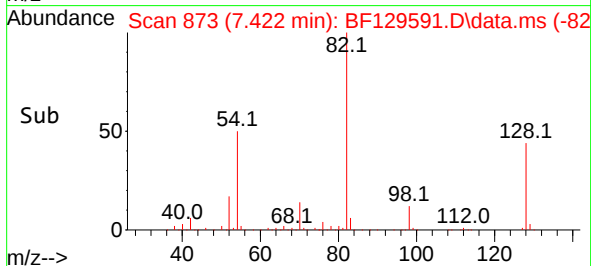
Instrument :
BNA_F
ClientSampleId :
RVE-107



Tgt Ion: 82 Resp: 532986
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 50.5 46.9 70.3

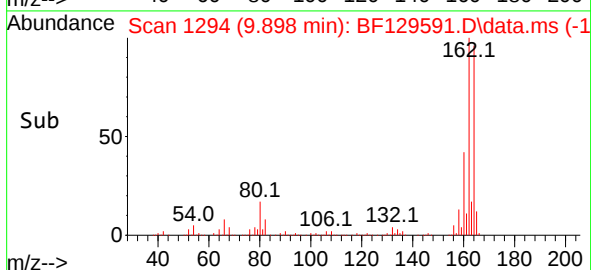
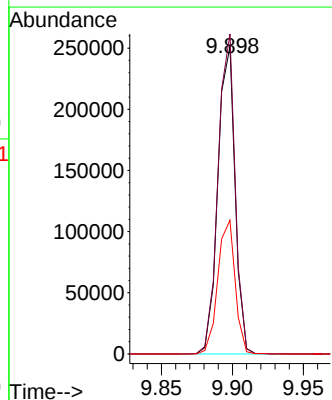
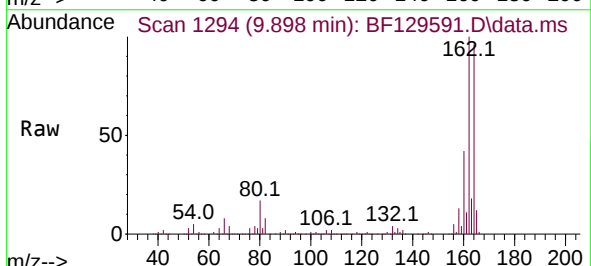
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

Tgt Ion:164 Resp: 211719
Ion Ratio Lower Upper
164 100
162 104.1 79.5 119.3
160 43.5 34.2 51.4





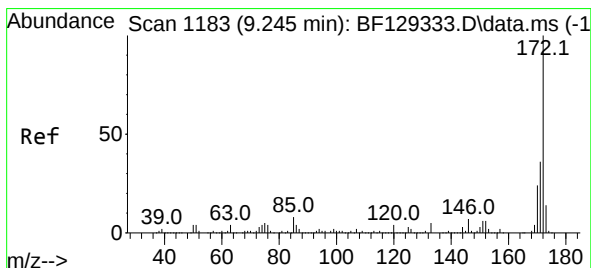
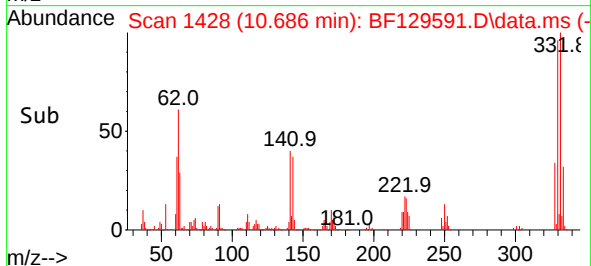
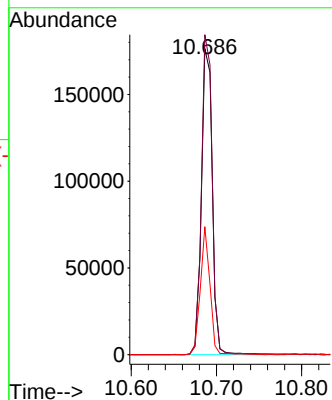
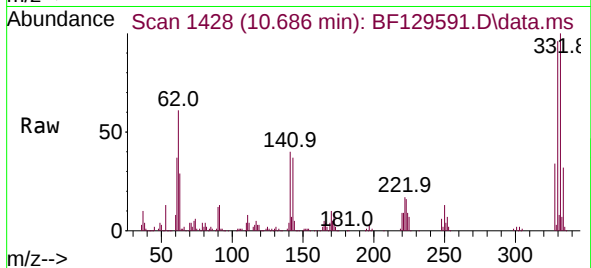
#42
2,4,6-Tribromophenol
Concen: 76.754 ng
RT: 10.686 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

Instrument :
BNA_F
ClientSampleId :
RVE-107

Tgt Ion: 330 Resp: 156234
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 36.9 28.0 42.0

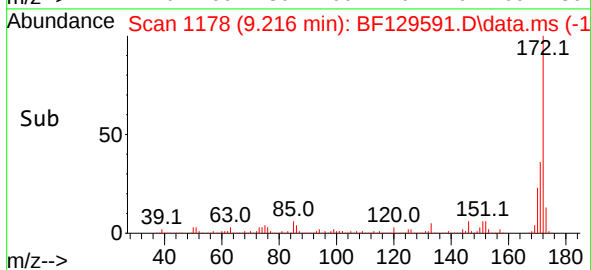
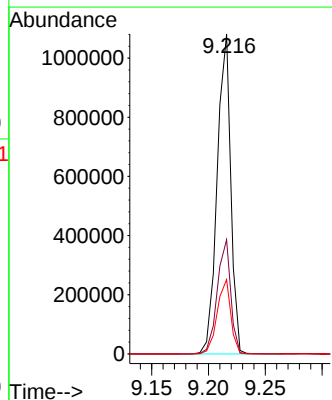
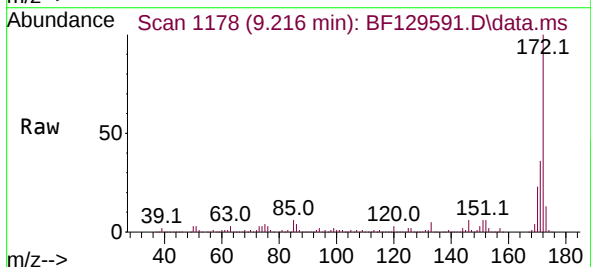
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 65.734 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

Tgt Ion: 172 Resp: 899648
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.2 19.8 29.8





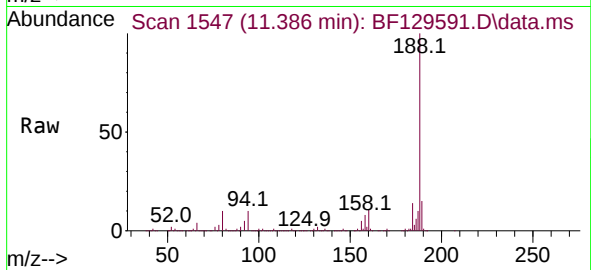
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

Instrument :

BNA_F

ClientSampleId :

RVE-107

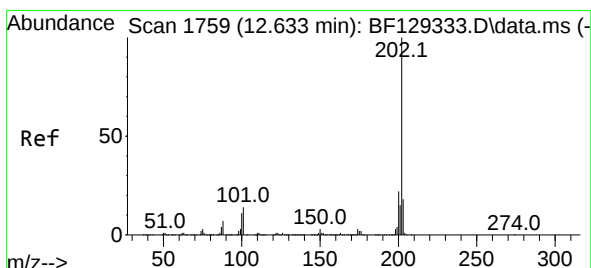
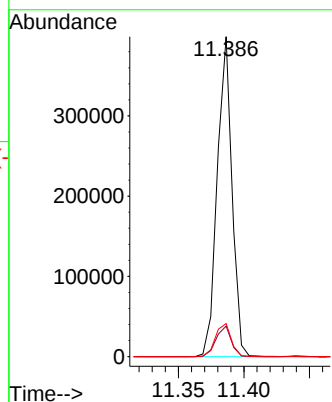
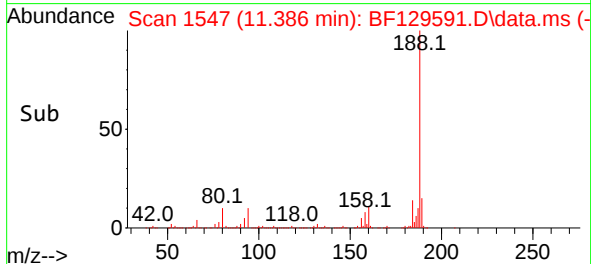


Tgt Ion:188 Resp: 313040
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.3 7.6 11.4

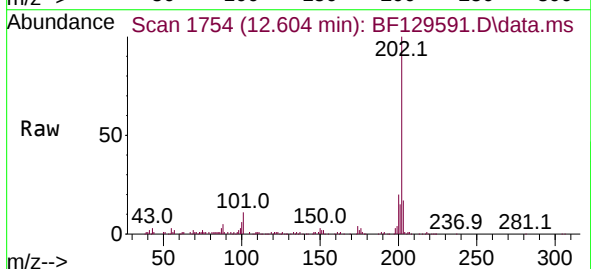
Manual Integrations

APPROVED

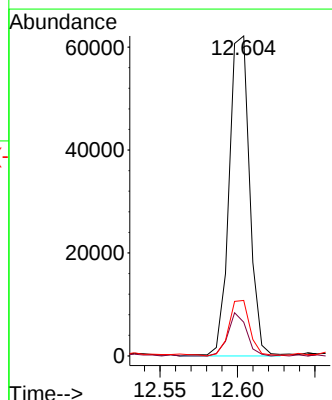
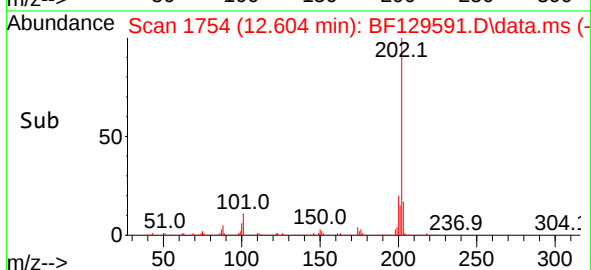
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

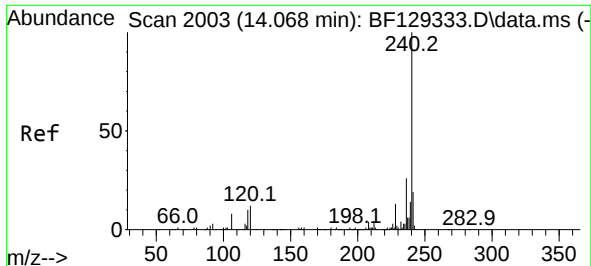


#75
Fluoranthene
Concen: 3.303 ng
RT: 12.604 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04



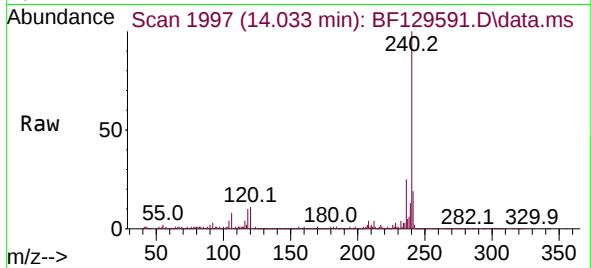
Tgt Ion:202 Resp: 57194
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.3 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

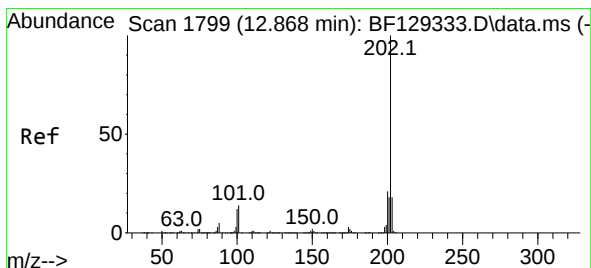
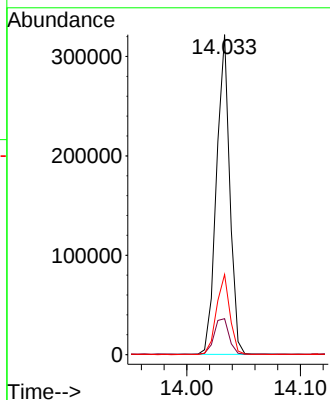
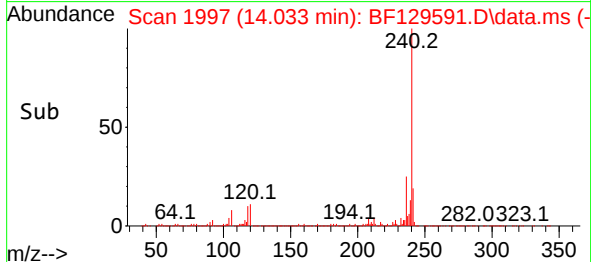
Instrument :
BNA_F
ClientSampleId :
RVE-107



Tgt Ion:240 Resp: 260418
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.0 20.8 31.2

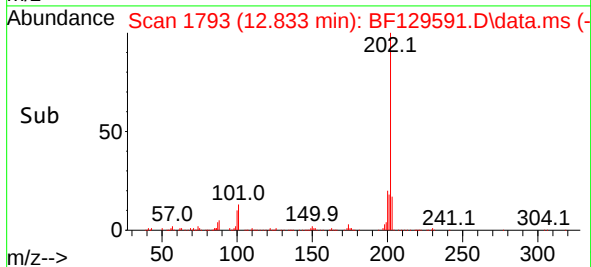
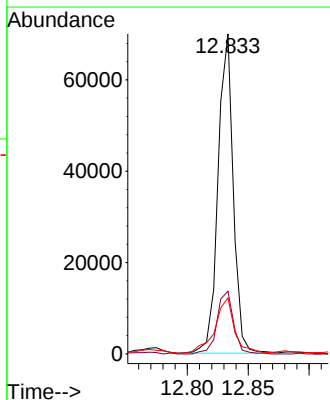
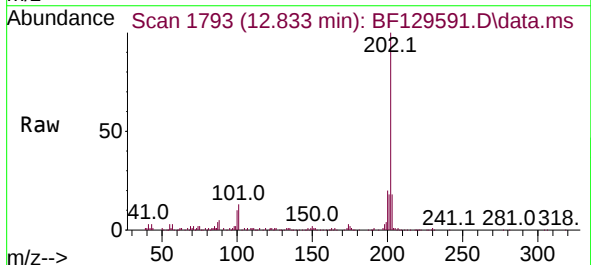
Manual Integrations
APPROVED

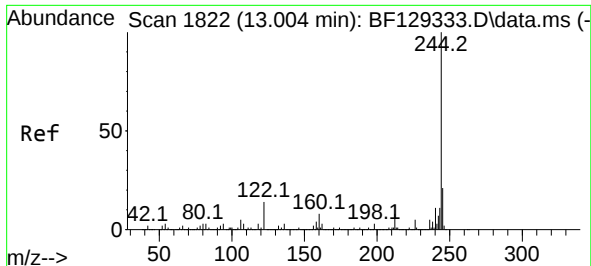
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#78
Pyrene
Concen: 2.799 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

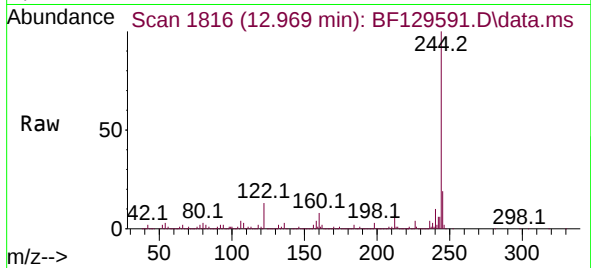
Tgt Ion:202 Resp: 60946
Ion Ratio Lower Upper
202 100
200 19.6 17.7 26.5
203 17.5 14.6 21.8





#79
Terphenyl-d14
Concen: 57.339 ng
RT: 12.969 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

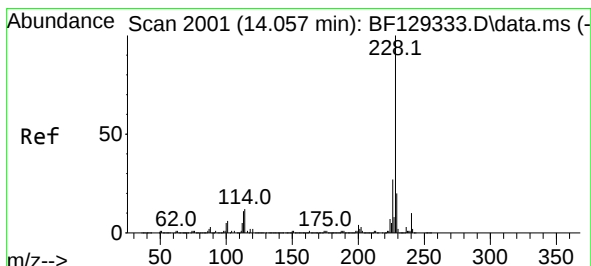
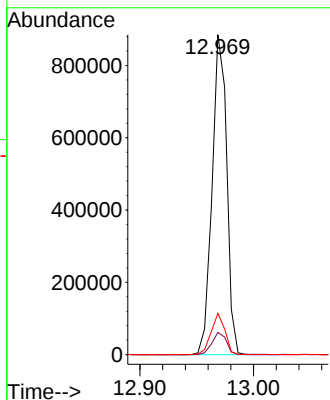
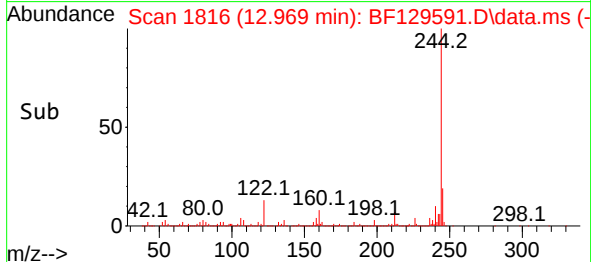
Instrument :
BNA_F
ClientSampleId :
RVE-107



Tgt Ion:244 Resp: 791485
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 12.9 8.8 13.2

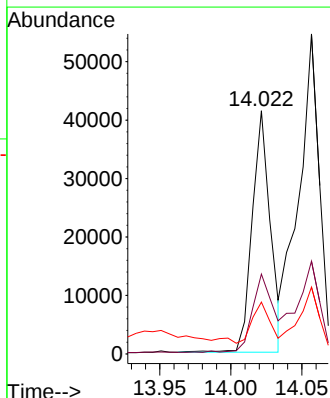
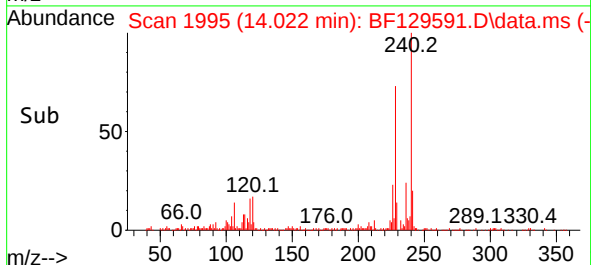
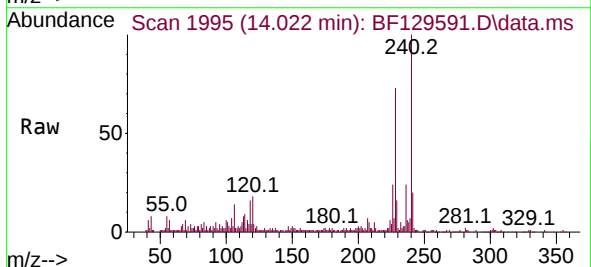
Manual Integrations
APPROVED

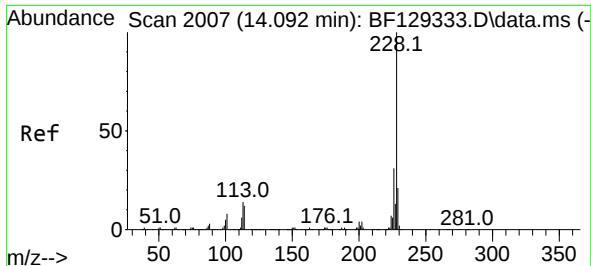
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#81
Benzo(a)anthracene
Concen: 2.073 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

Tgt Ion:228 Resp: 36882
Ion Ratio Lower Upper
228 100
226 32.8 22.1 33.1
229 21.3 15.8 23.8





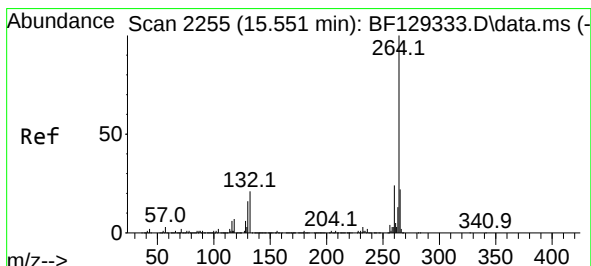
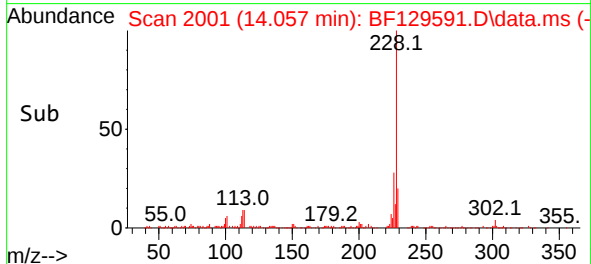
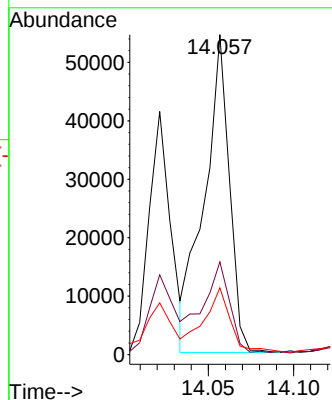
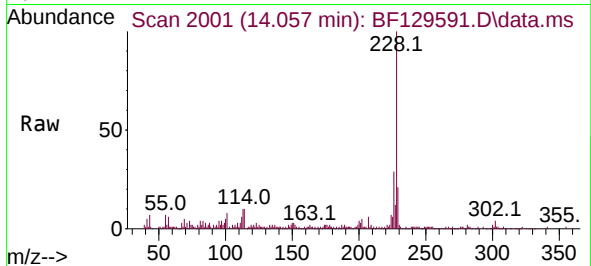
#83
Chrysene
Concen: 3.325 ng
RT: 14.057 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

Instrument :
BNA_F
ClientSampleId :
RVE-107

Tgt Ion:228 Resp: 5574
Ion Ratio Lower Upper
228 100
226 29.0 24.3 36.5
229 20.9 15.9 23.9

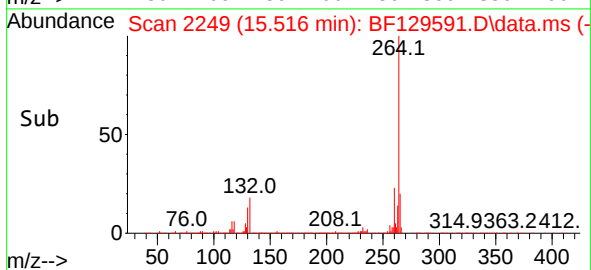
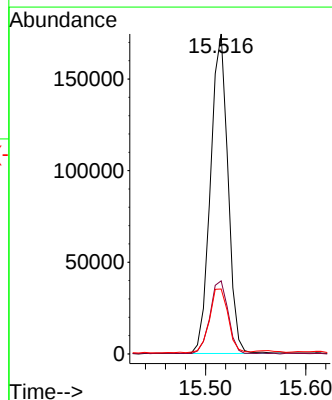
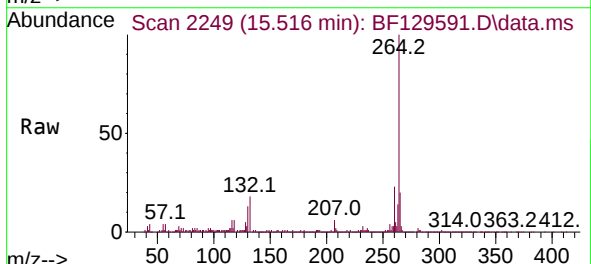
Manual Integrations
APPROVED

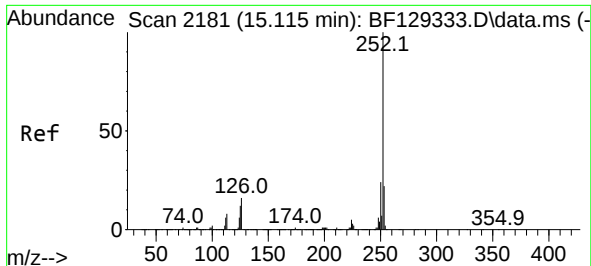
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

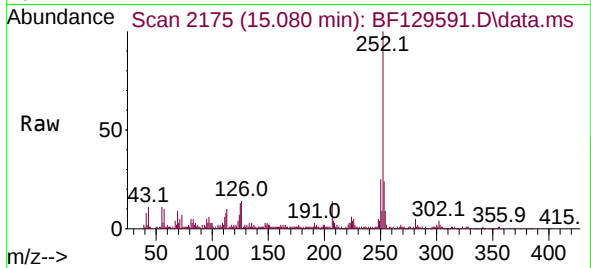
Tgt Ion:264 Resp: 210345
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 20.3 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 6.418 ng m
RT: 15.080 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

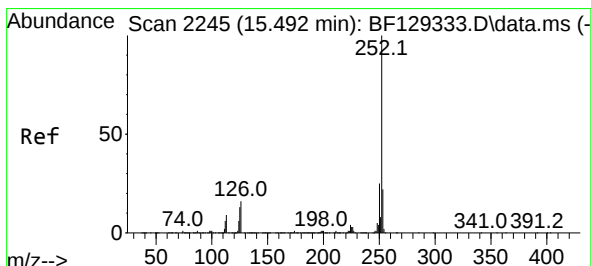
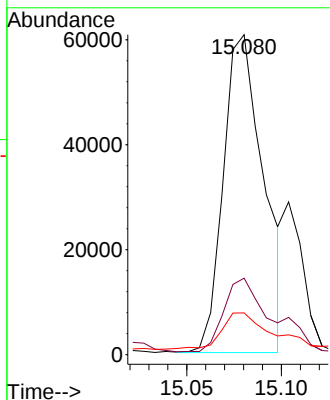
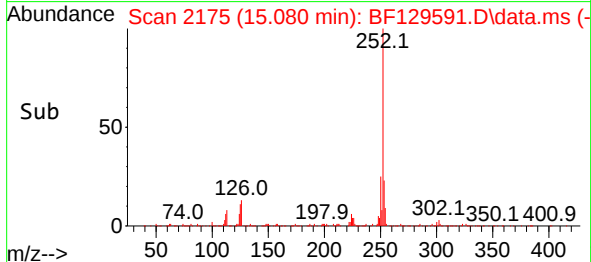
Instrument :
BNA_F
ClientSampleId :
RVE-107



Tgt Ion:252 Resp: 89553
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 13.0 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90
Benzo(a)pyrene
Concen: 2.683 ng
RT: 15.451 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF129591.D
Acq: 05 Aug 2022 03:04

Tgt Ion:252 Resp: 30389
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.6
125 14.7 8.8 13.2

