

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129554.D
 Acq On : 03 Aug 2022 22:44
 Operator : CG\JU
 Sample : N3930-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-99

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 02:21:10 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128600	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	447515	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	184837	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	292210	20.000	ng	0.00
76) Chrysene-d12	14.039	240	319864	20.000	ng	-0.01
86) Perylene-d12	15.527	264	274253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	460124	58.285	ng	0.00
7) Phenol-d6	6.510	99	541271	54.548	ng	-0.01
23) Nitrobenzene-d5	7.428	82	357762	43.640	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	97917	55.100	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	569243	47.641	ng	-0.01
79) Terphenyl-d14	12.980	244	591276	34.874	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.610	202	63079	3.903	ng	98
78) Pyrene	12.839	202	76858	2.873	ng	97
81) Benzo(a)anthracene	14.027	228	43725	2.001	ng	94
83) Chrysene	14.068	228	44238	2.148	ng	98
88) Benzo(b)fluoranthene	15.086	252	54895m	3.018	ng	
90) Benzo(a)pyrene	15.463	252	35297	2.390	ng	# 94

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

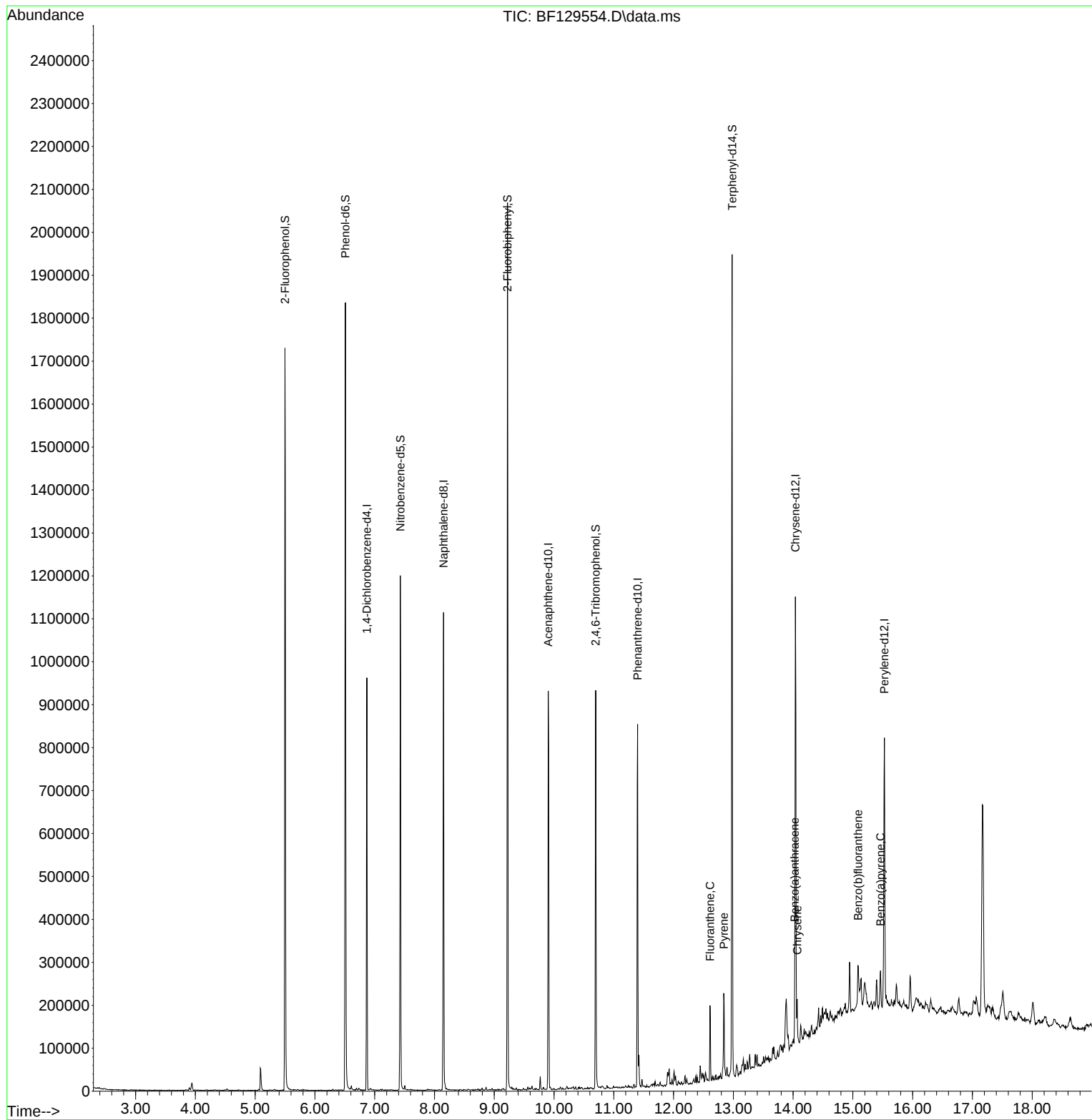
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
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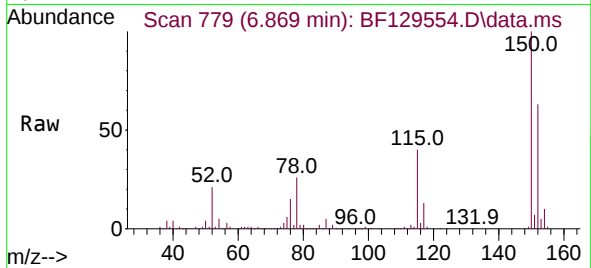
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

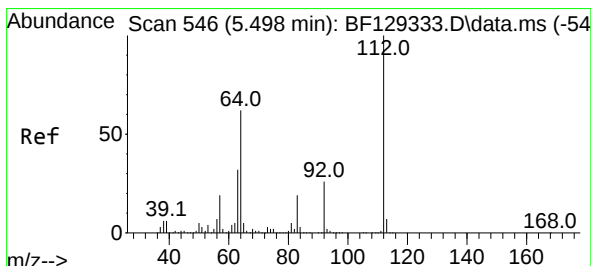
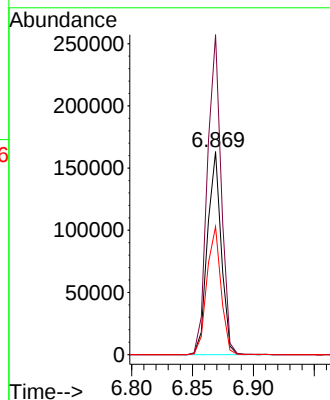
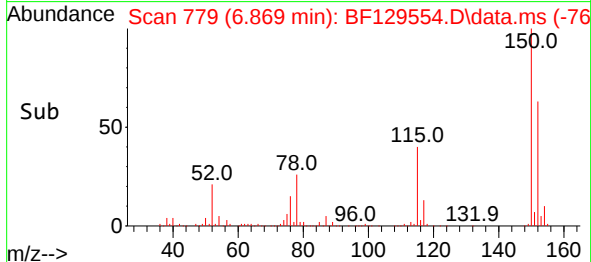
Instrument :
BNA_F
ClientSampleId :
RVE-99



Tgt Ion:152 Resp: 128600
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 63.0 49.9 74.9

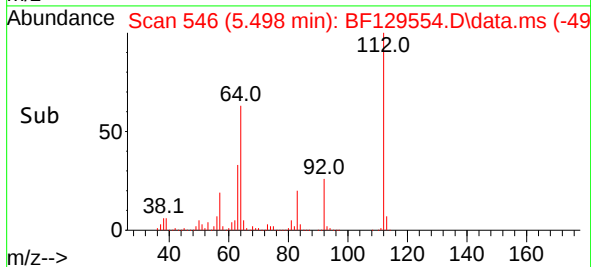
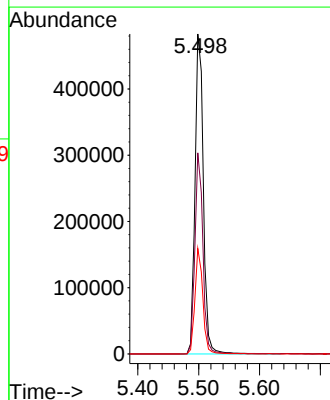
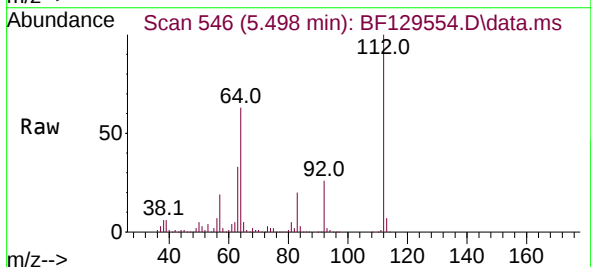
Manual Integrations
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Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 58.285 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.006 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

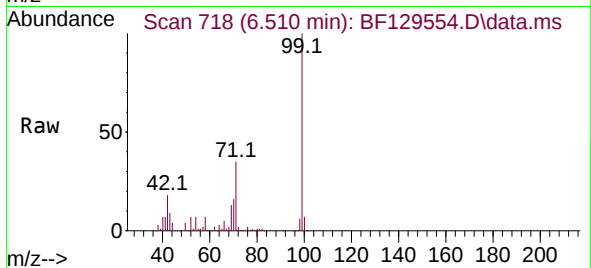
Tgt Ion:112 Resp: 460124
Ion Ratio Lower Upper
112 100
64 62.8 53.3 79.9
63 32.9 28.0 42.0





#7
Phenol-d6
Concen: 54.548 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

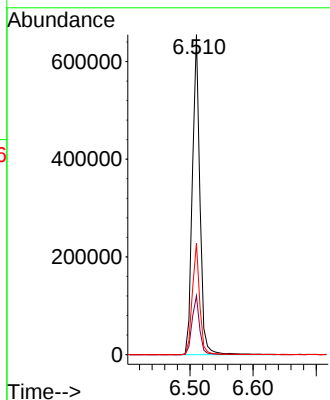
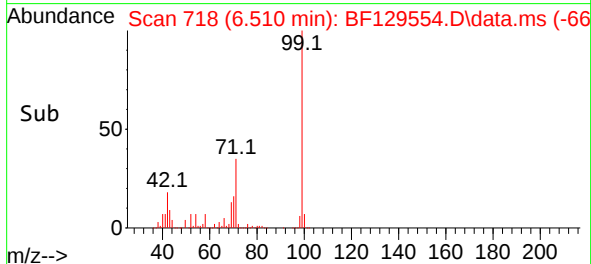
Instrument :
BNA_F
ClientSampleId :
RVE-99



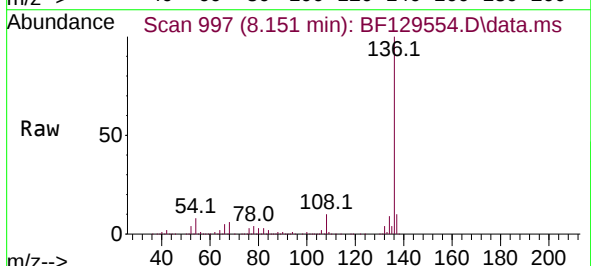
Tgt Ion: 99 Resp: 54127
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 34.8 28.9 43.3

Manual Integrations
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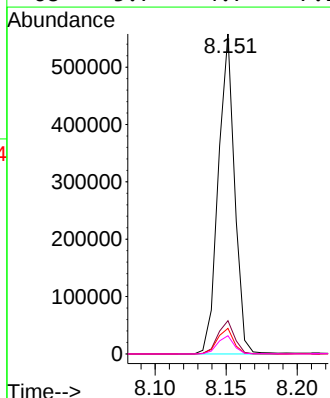
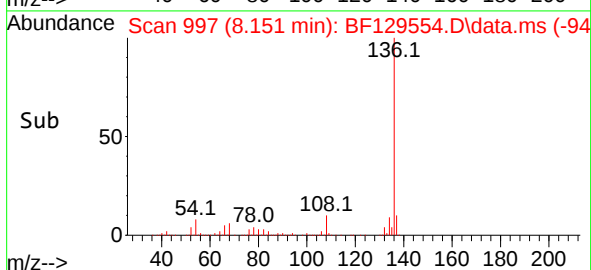
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

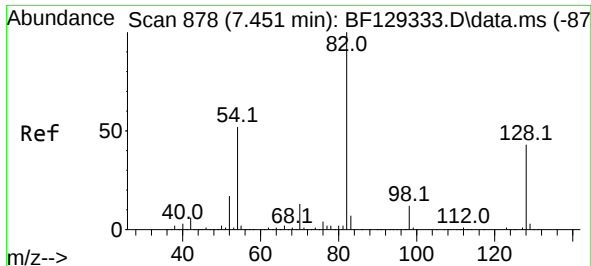


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44



Tgt Ion:136 Resp: 447515
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.0 7.5 11.3
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 43.640 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF129554.D

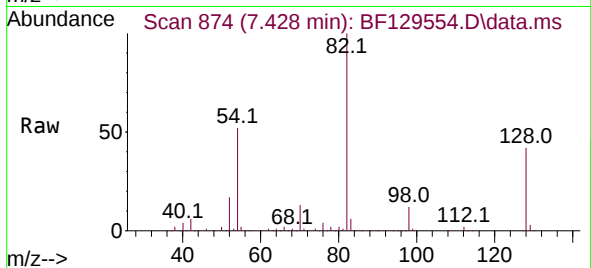
Acq: 03 Aug 2022 22:44

Instrument :

BNA_F

ClientSampleId :

RVE-99



Tgt Ion: 82 Resp: 357762

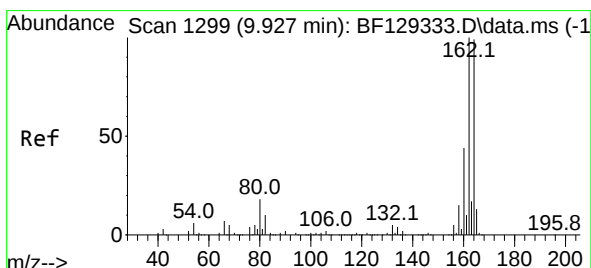
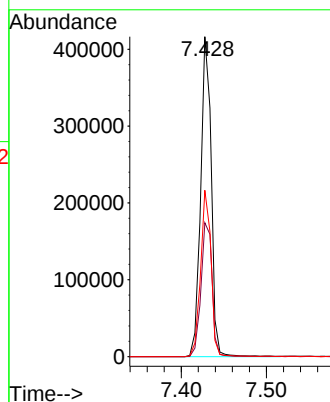
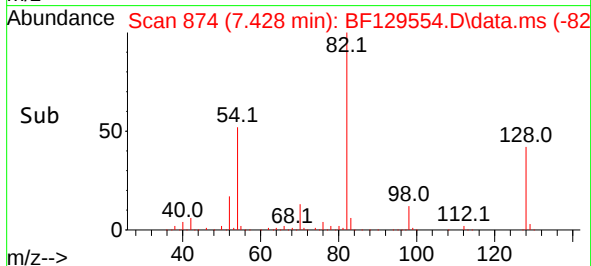
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.0	51.0
54	52.0	46.9	70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1295

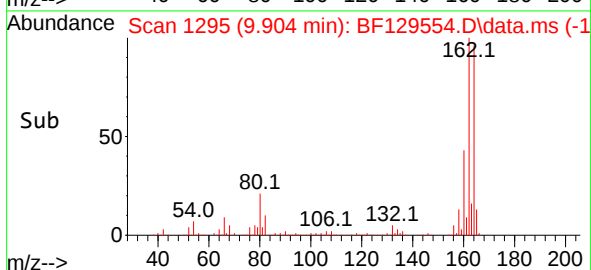
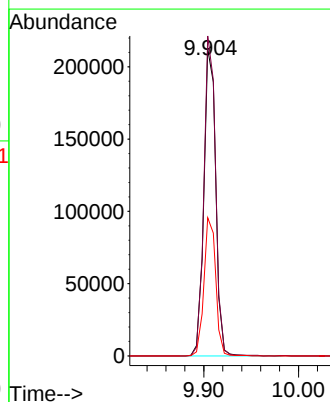
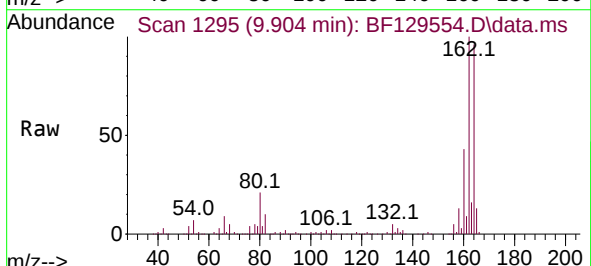
Delta R.T. -0.012 min

Lab File: BF129554.D

Acq: 03 Aug 2022 22:44

Tgt Ion:164 Resp: 184837

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.5	119.3
160	45.0	34.2	51.4





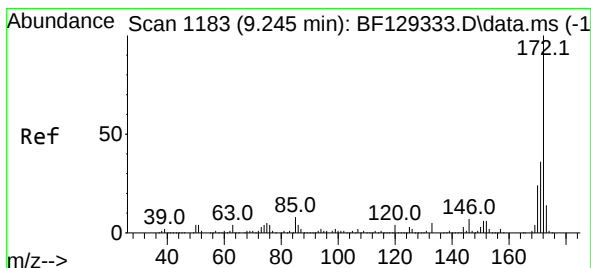
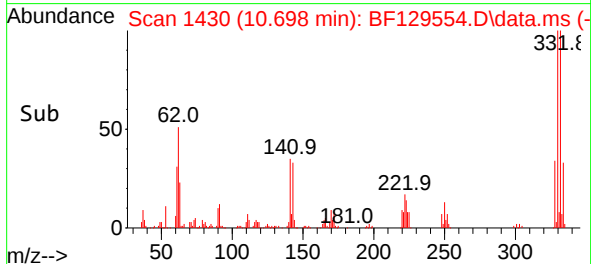
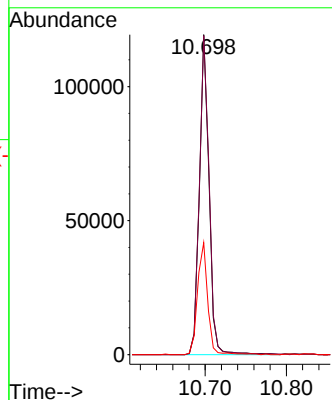
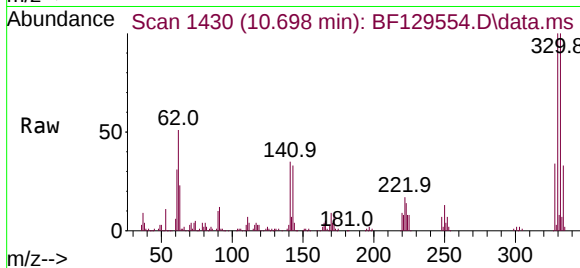
#42
2,4,6-Tribromophenol
Concen: 55.100 ng
RT: 10.698 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

Instrument :
BNA_F
ClientSampleId :
RVE-99

Tgt Ion: 330 Resp: 97917
Ion Ratio Lower Upper
330 100
332 101.2 76.8 115.2
141 36.9 28.0 42.0

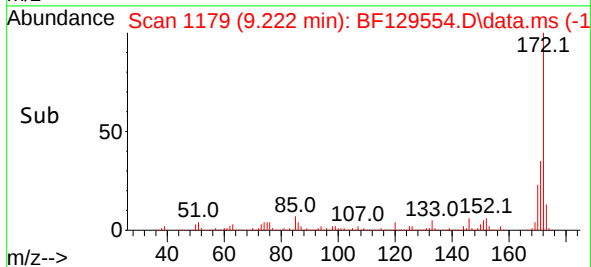
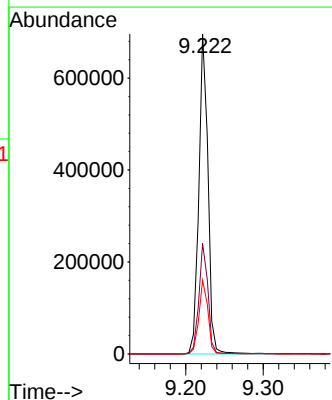
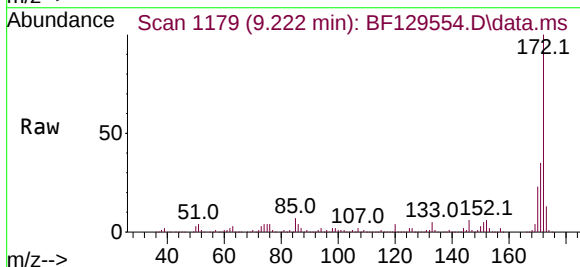
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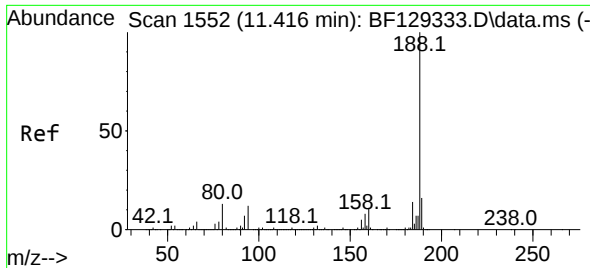
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 47.641 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

Tgt Ion: 172 Resp: 569243
Ion Ratio Lower Upper
172 100
171 34.5 28.8 43.2
170 23.0 19.8 29.8





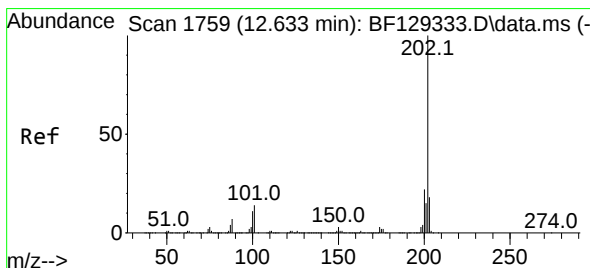
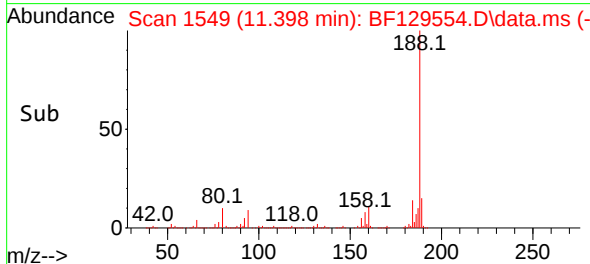
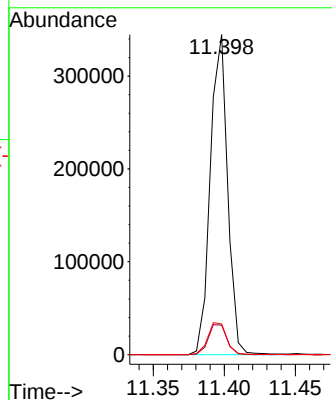
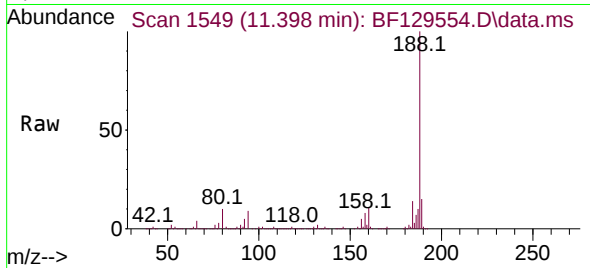
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

Instrument :
BNA_F
ClientSampleId :
RVE-99

Tgt Ion:188 Resp: 292210
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.6 11.4

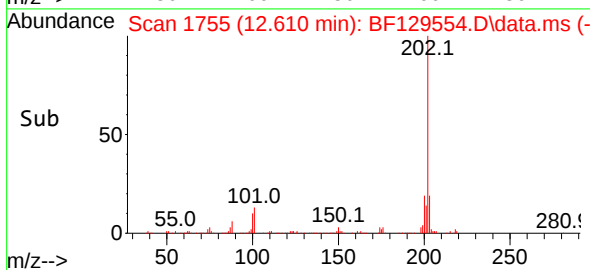
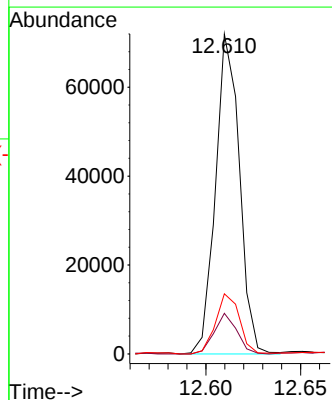
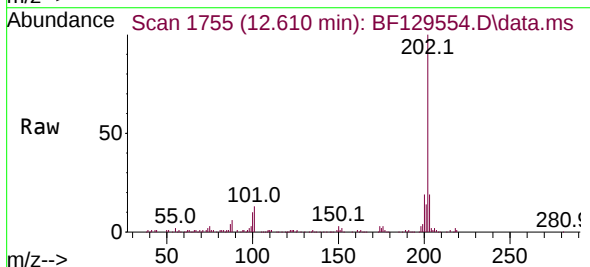
Manual Integrations
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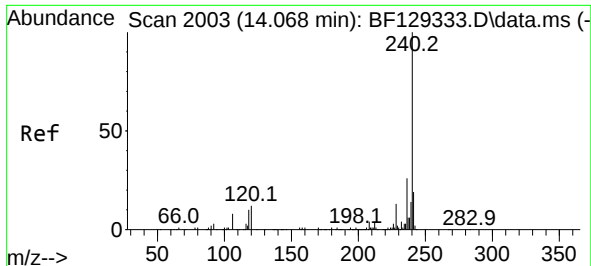
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#75
Fluoranthene
Concen: 3.903 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

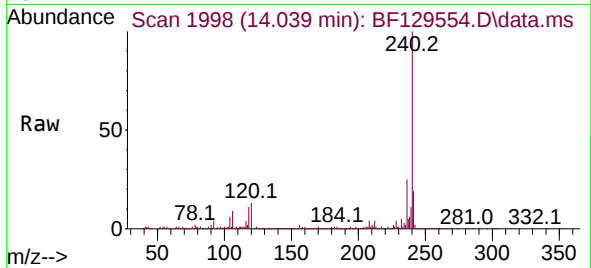
Tgt Ion:202 Resp: 63079
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 18.8 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

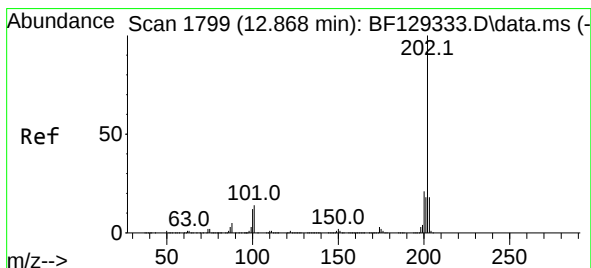
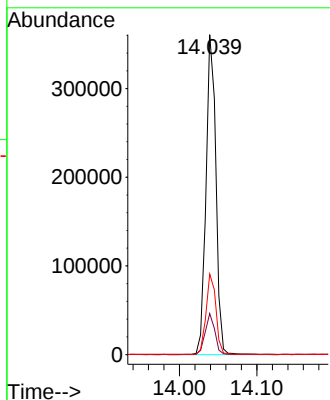
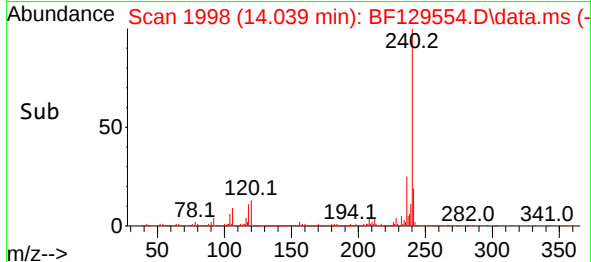
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RVE-99



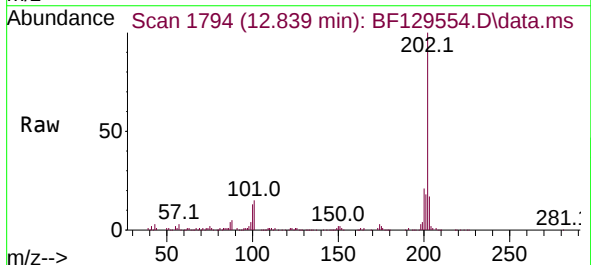
Tgt Ion:240 Resp: 319864
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.2 20.8 31.2

Manual Integrations
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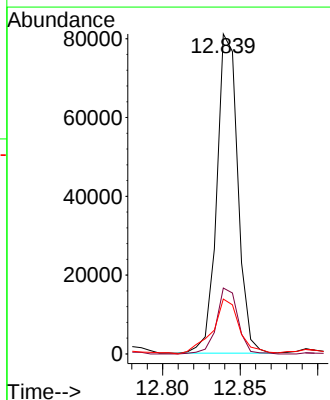
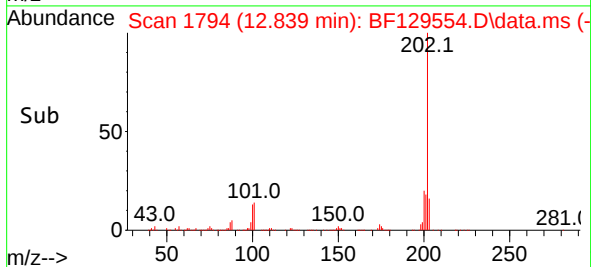
Reviewed By :Christian Giraldo 08/04/2022
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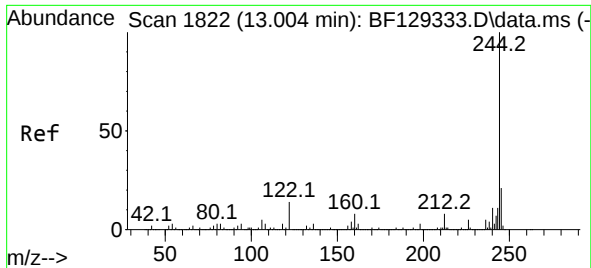


#78
Pyrene
Concen: 2.873 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44



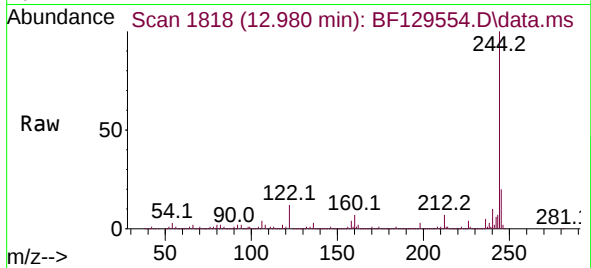
Tgt Ion:202 Resp: 76858
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 34.874 ng
 RT: 12.980 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129554.D
 Acq: 03 Aug 2022 22:44

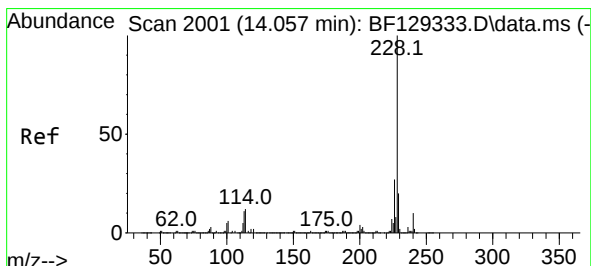
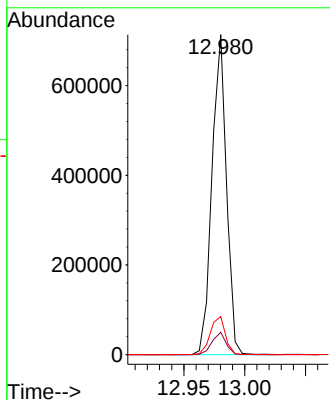
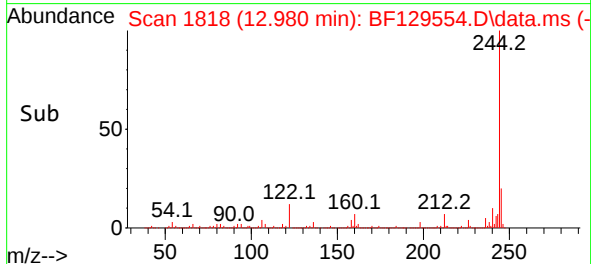
Instrument :
 BNA_F
 ClientSampleId :
 RVE-99



Tgt Ion:244 Resp: 591276
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.9 8.8 13.2

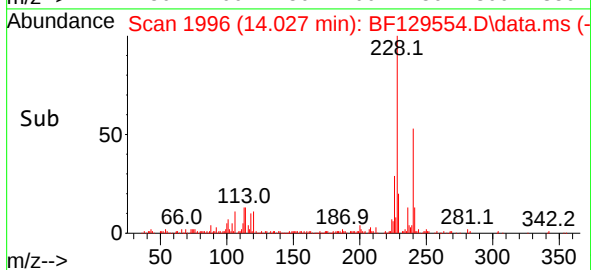
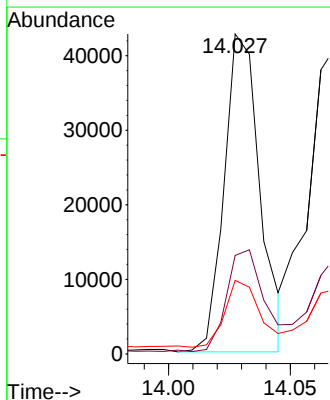
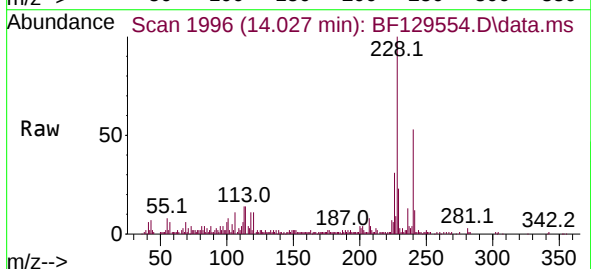
Manual Integrations
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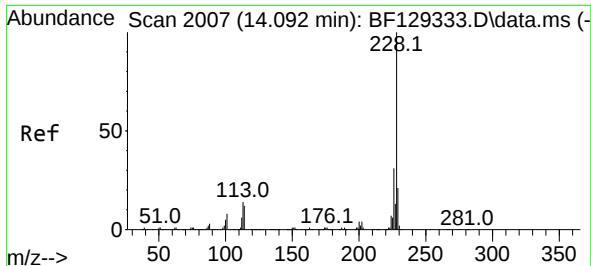
Reviewed By :Christian Giraldo 08/04/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#81
 Benzo(a)anthracene
 Concen: 2.001 ng
 RT: 14.027 min Scan# 1996
 Delta R.T. -0.012 min
 Lab File: BF129554.D
 Acq: 03 Aug 2022 22:44

Tgt Ion:228 Resp: 43725
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.1 33.1
 229 23.0 15.8 23.8





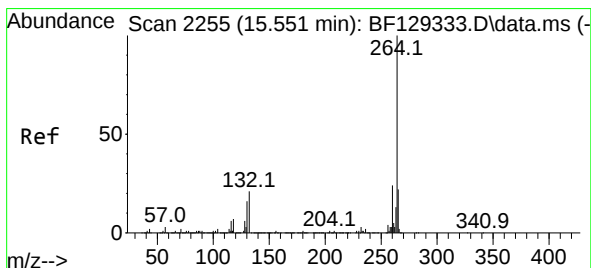
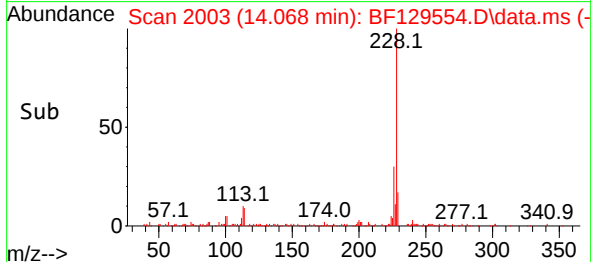
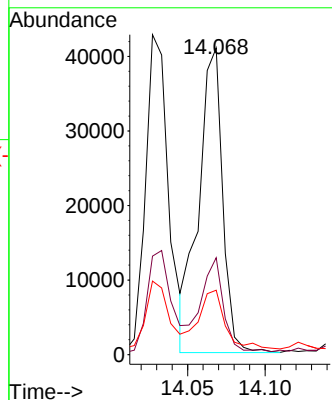
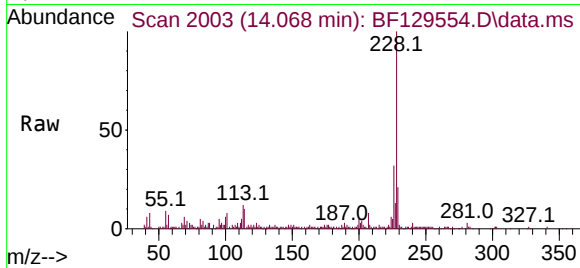
#83
Chrysene
Concen: 2.148 ng
RT: 14.068 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

Instrument :
BNA_F
ClientSampleId :
RVE-99

Tgt Ion:228 Resp: 44238
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 21.0 15.9 23.9

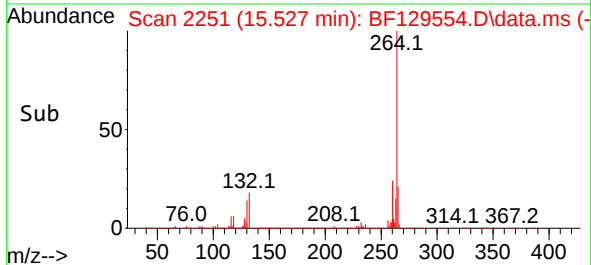
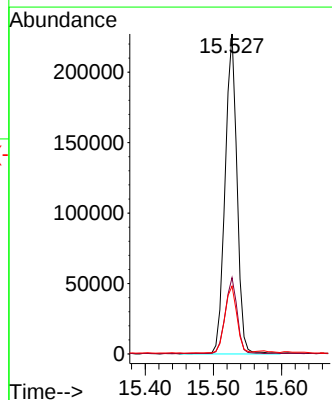
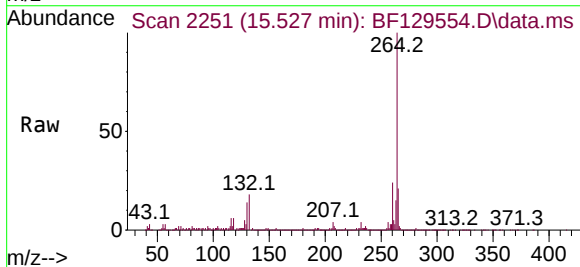
Manual Integrations
APPROVED

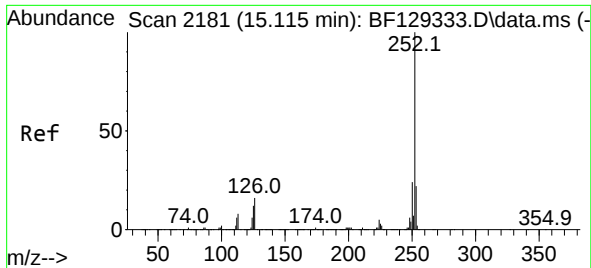
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

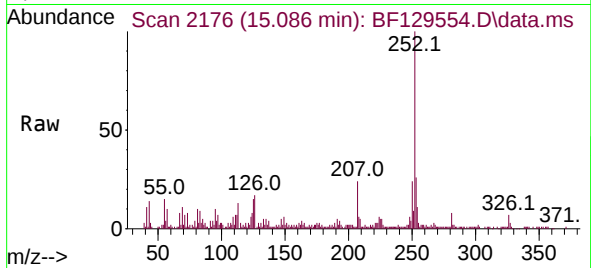
Tgt Ion:264 Resp: 274253
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.2 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.018 ng m
RT: 15.086 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

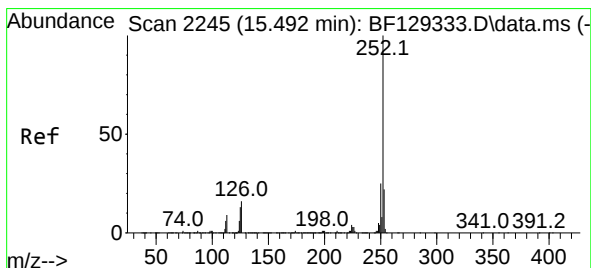
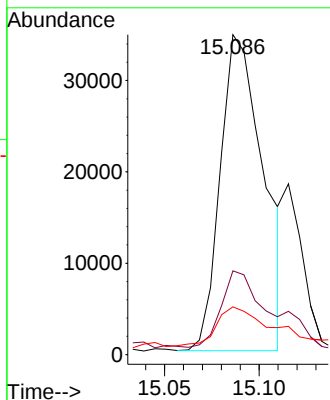
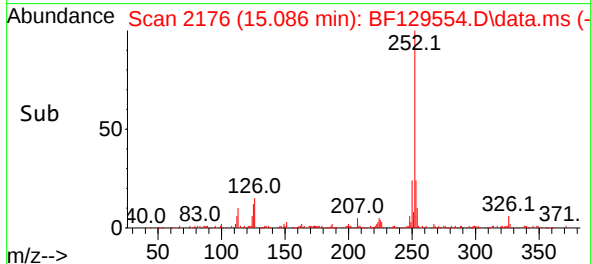
Instrument :
BNA_F
ClientSampleId :
RVE-99



Tgt Ion:252 Resp: 54895
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 14.9 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90
Benzo(a)pyrene
Concen: 2.390 ng
RT: 15.463 min Scan# 2240
Delta R.T. -0.006 min
Lab File: BF129554.D
Acq: 03 Aug 2022 22:44

Tgt Ion:252 Resp: 35297
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 15.8 8.8 13.2

