

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129588.D
 Acq On : 05 Aug 2022 01:26
 Operator : CG\JU
 Sample : N3931-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-125

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 02:11:04 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	161829	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	579903	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	253278	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	357154	20.000	ng	0.00
76) Chrysene-d12	14.033	240	296141	20.000	ng	0.00
86) Perylene-d12	15.515	264	241599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1178188	118.598	ng	0.01
7) Phenol-d6	6.516	99	1448430	115.997	ng	0.00
23) Nitrobenzene-d5	7.422	82	888264	83.616	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	272728	112.000	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1455053	88.870	ng	0.00
79) Terphenyl-d14	12.974	244	1204890	76.758	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	66329	3.402	ng	98
75) Fluoranthene	12.598	202	103738	5.252	ng	96
78) Pyrene	12.833	202	147148	5.942	ng	98
81) Benzo(a)anthracene	14.021	228	56261m	2.781	ng	
83) Chrysene	14.057	228	65912m	3.457	ng	
88) Benzo(b)fluoranthene	15.080	252	70202m	4.381	ng	
90) Benzo(a)pyrene	15.451	252	50579	3.888	ng	# 97

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

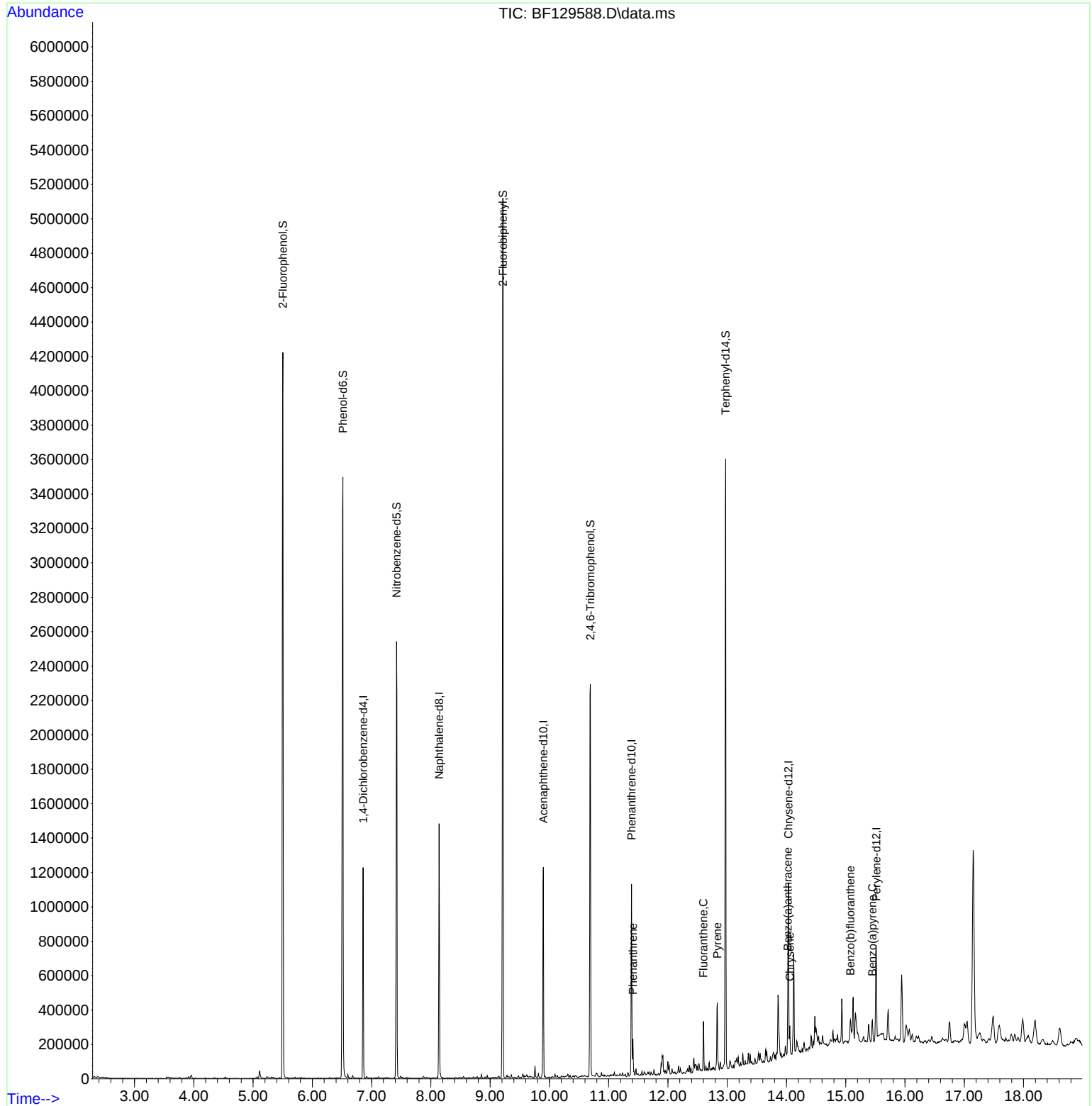
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129588.D
Acq On : 05 Aug 2022 01:26
Operator : CG\JU
Sample : N3931-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

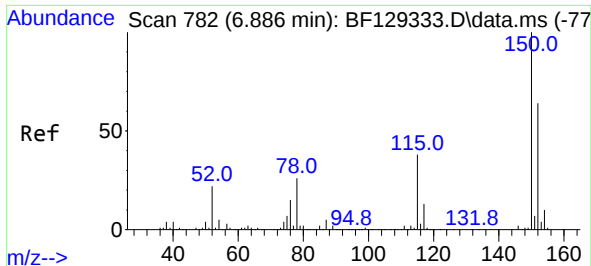
Instrument :
BNA_F
ClientSampleId :
RVE-125

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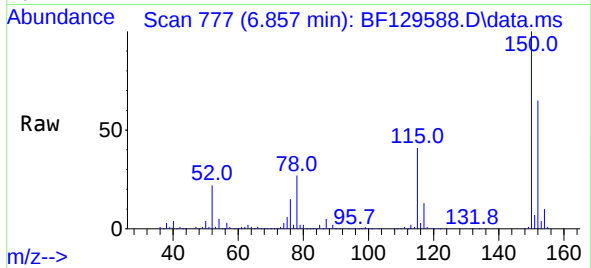
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

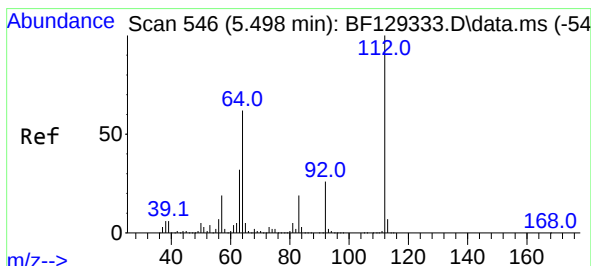
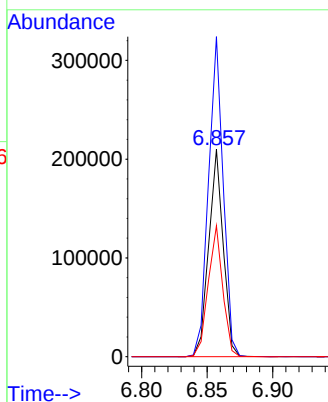
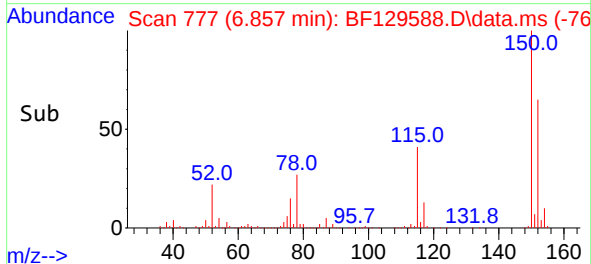
Instrument :
BNA_F
ClientSampleId :
RVE-125



Tgt Ion:152 Resp: 161829
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 63.1 49.9 74.9

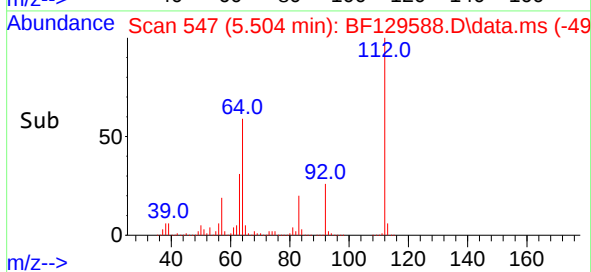
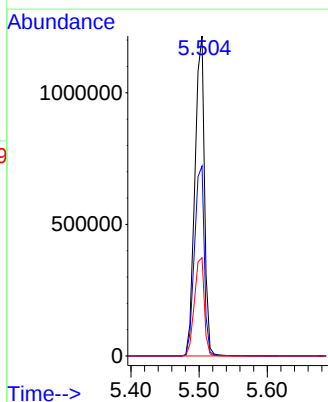
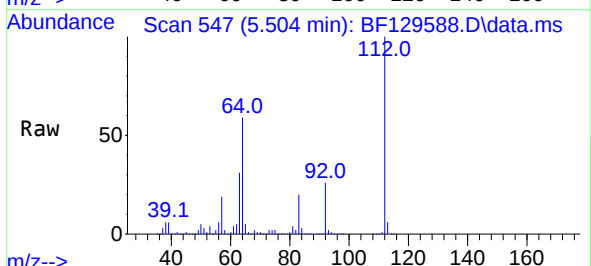
Manual Integrations
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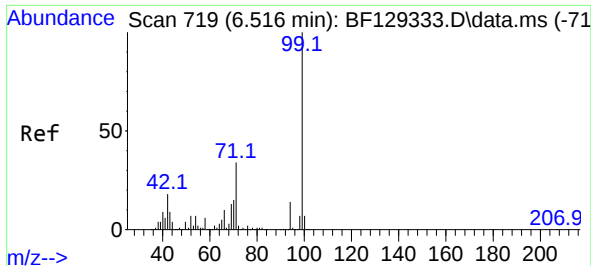
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 118.598 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

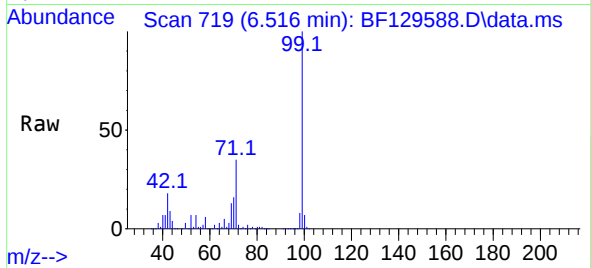
Tgt Ion:112 Resp: 1178188
Ion Ratio Lower Upper
112 100
64 59.3 53.3 79.9
63 30.7 28.0 42.0





#7
Phenol-d6
Concen: 115.997 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

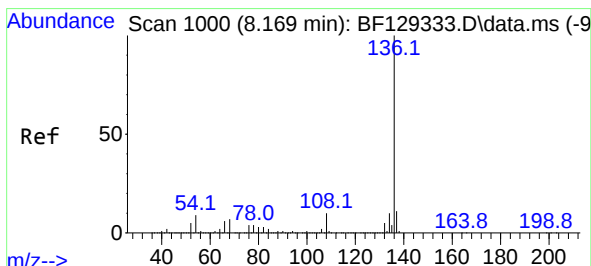
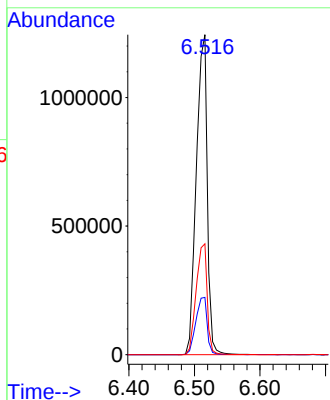
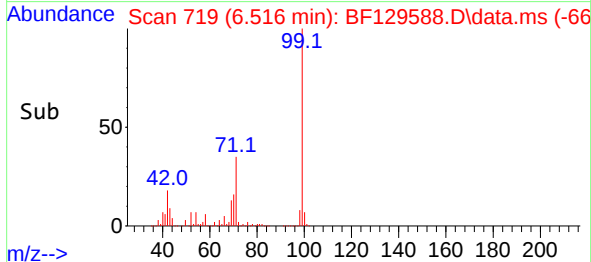
Instrument :
BNA_F
ClientSampleId :
RVE-125



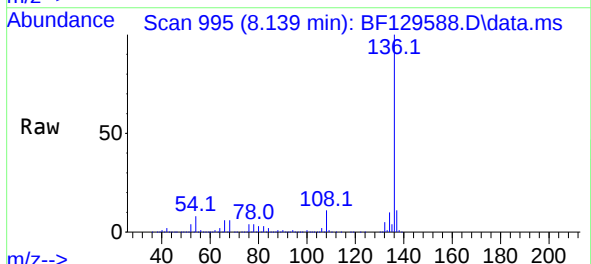
Tgt Ion: 99 Resp: 1448430
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 34.6 28.9 43.3

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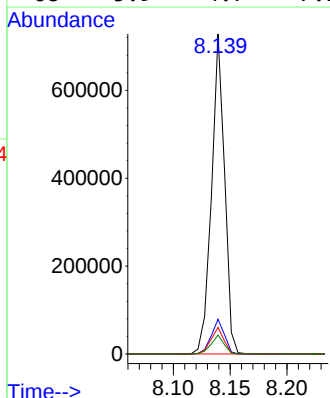
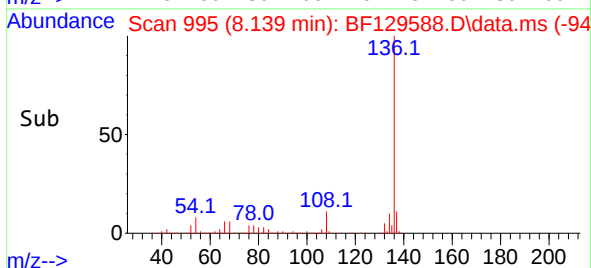
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

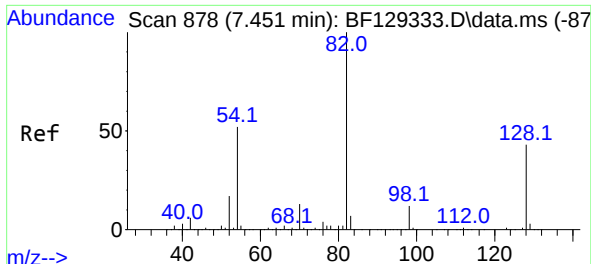


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26



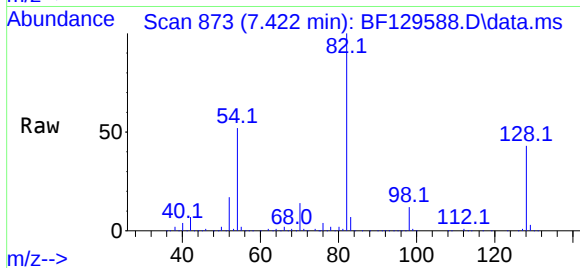
Tgt Ion:136 Resp: 579903
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 83.616 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

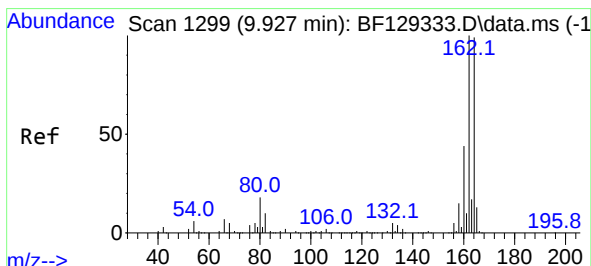
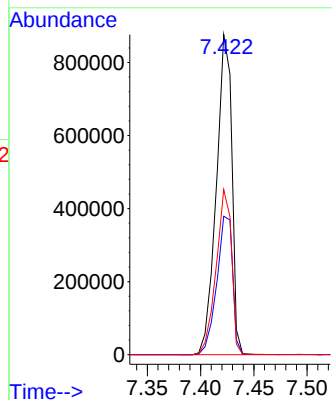
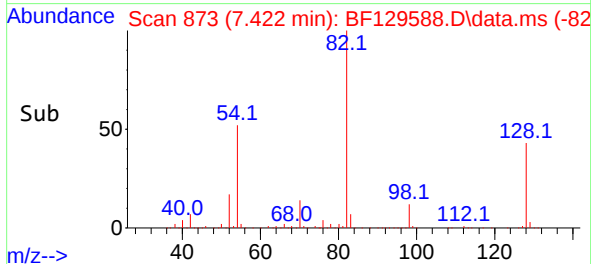
Instrument :
BNA_F
ClientSampleId :
RVE-125



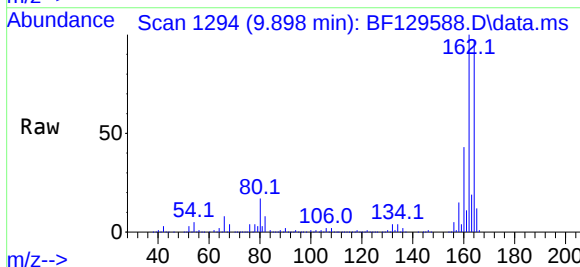
Tgt Ion: 82 Resp: 888264
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 51.6 46.9 70.3

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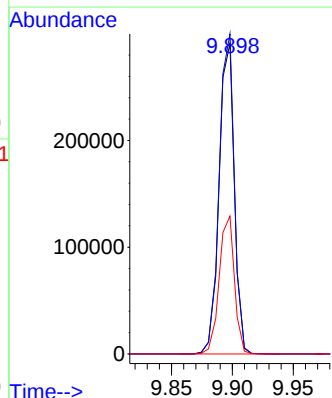
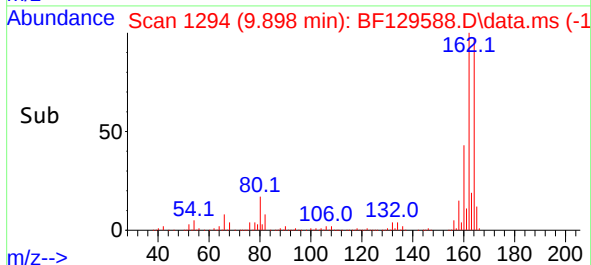
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

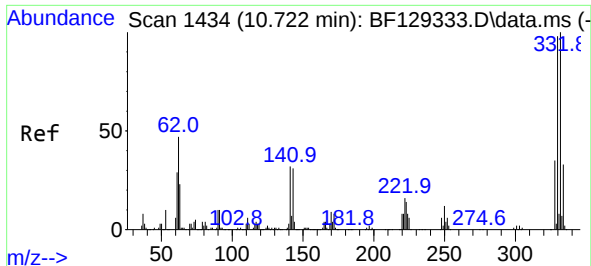


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26



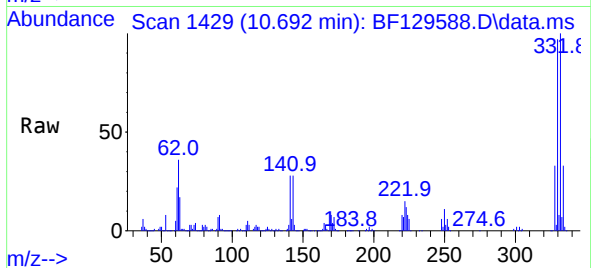
Tgt Ion:164 Resp: 253278
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.4 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 112.000 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

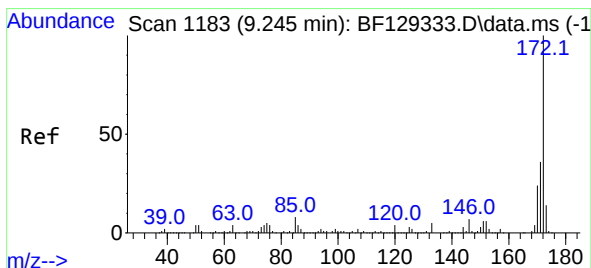
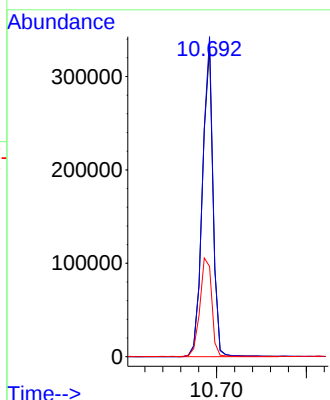
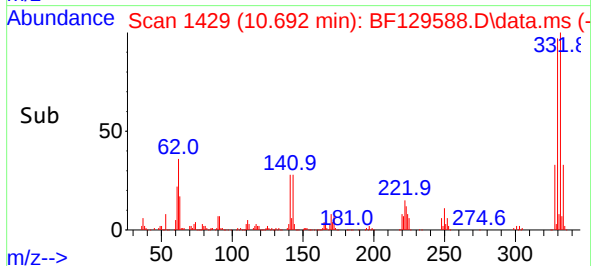
Instrument :
BNA_F
ClientSampleId :
RVE-125



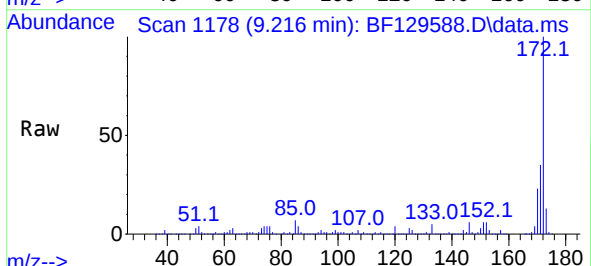
Tgt Ion:330 Resp: 272728
Ion Ratio Lower Upper
330 100
332 101.8 76.8 115.2
141 35.2 28.0 42.0

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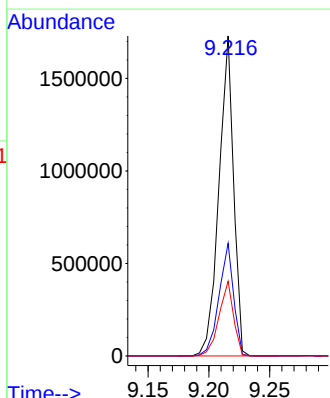
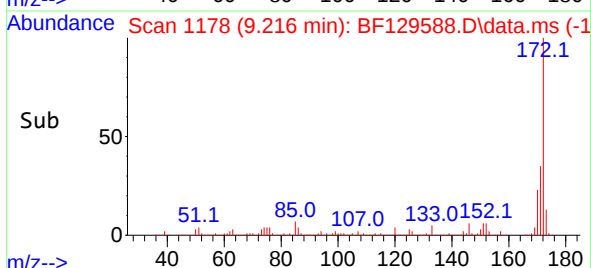
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

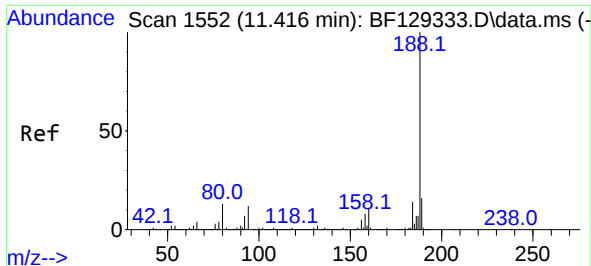


#45
2-Fluorobiphenyl
Concen: 88.870 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26



Tgt Ion:172 Resp: 1455053
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.4 19.8 29.8





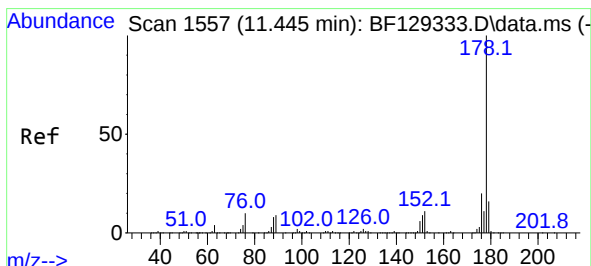
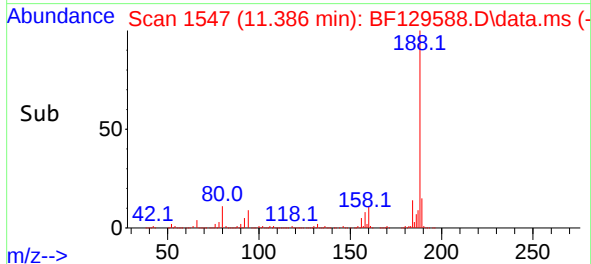
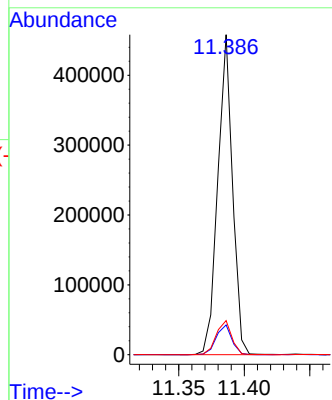
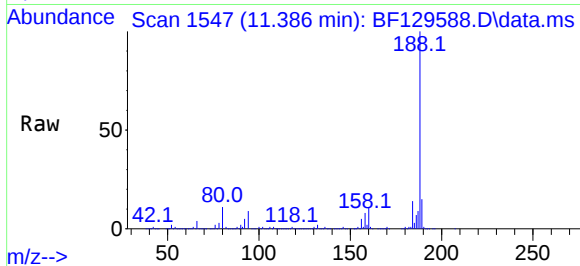
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Instrument :
BNA_F
ClientSampleId :
RVE-125

Tgt Ion:188 Resp: 357154
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.7 7.6 11.4

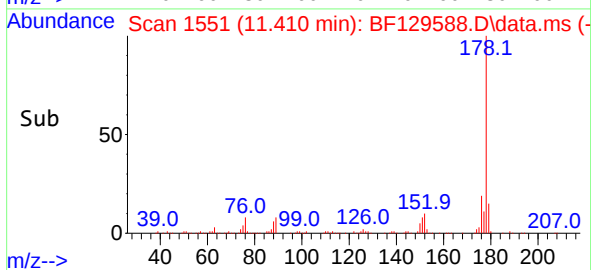
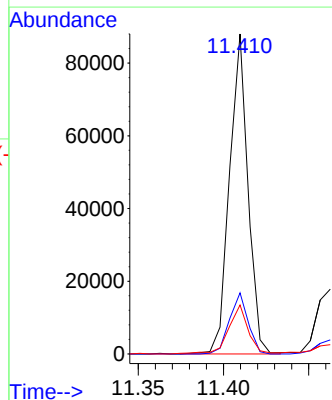
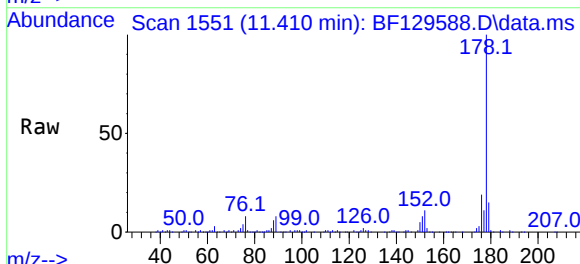
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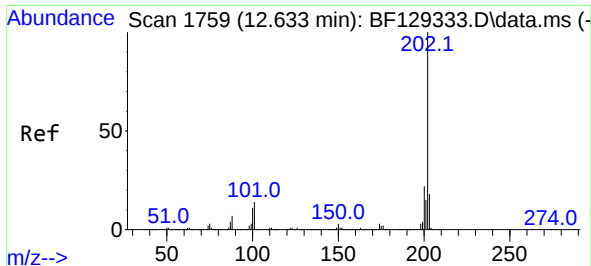
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#71
Phenanthrene
Concen: 3.402 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

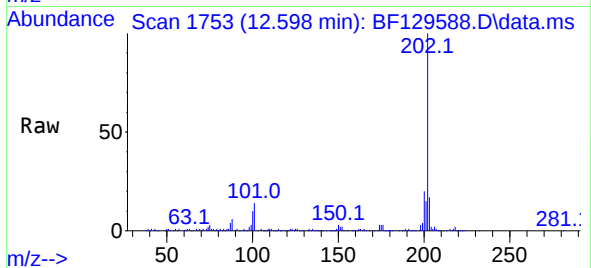
Tgt Ion:178 Resp: 66329
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.3 12.6 19.0





#75
Fluoranthene
Concen: 5.252 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

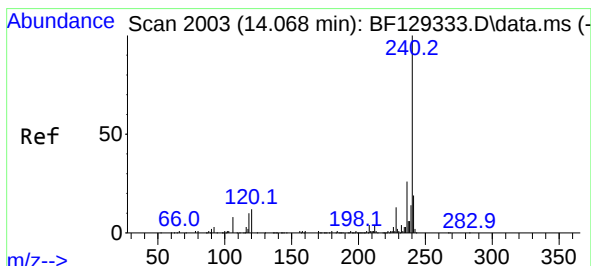
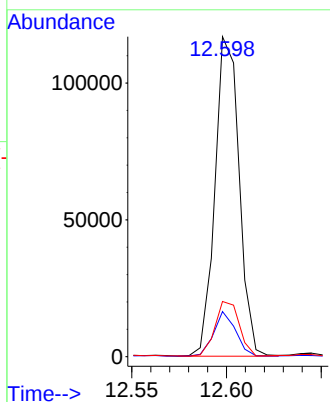
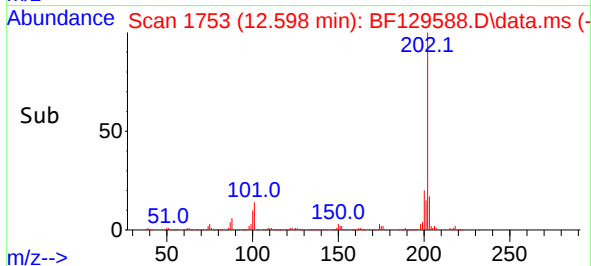
Instrument :
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RVE-125



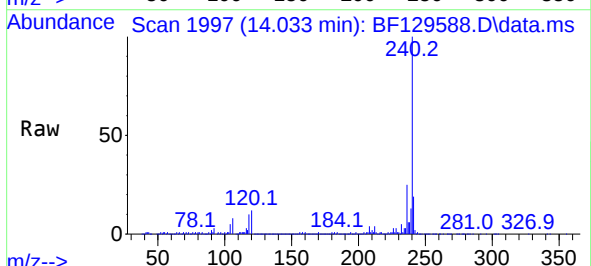
Tgt Ion:202 Resp: 103738
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.4
203 17.3 0.0 38.0

Manual Integrations
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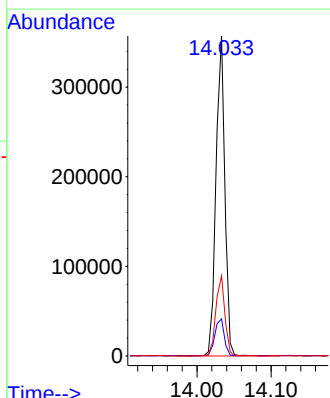
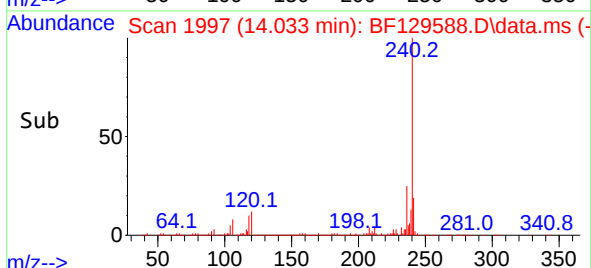
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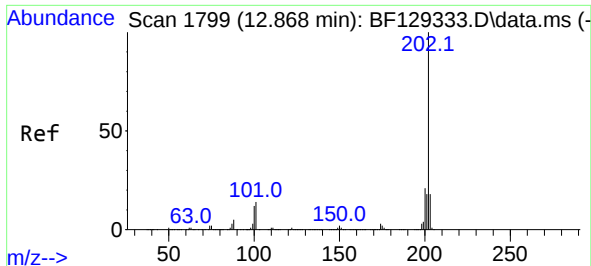


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26



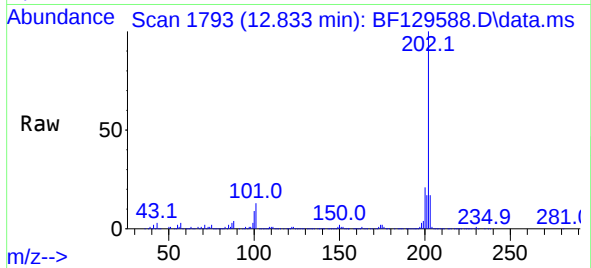
Tgt Ion:240 Resp: 296141
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.1 20.8 31.2





#78
Pyrene
Concen: 5.942 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

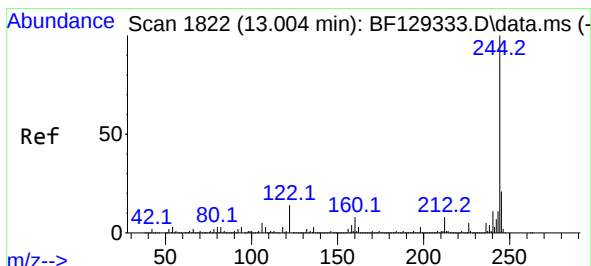
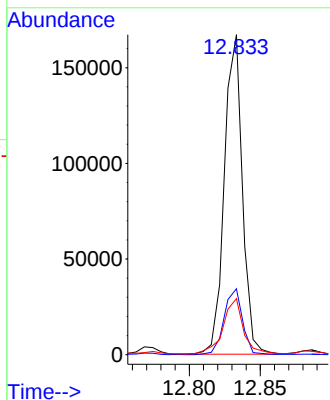
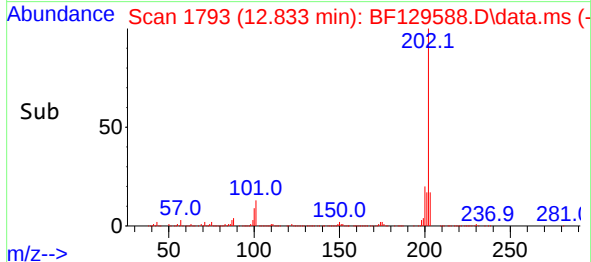
Instrument :
BNA_F
ClientSampleId :
RVE-125



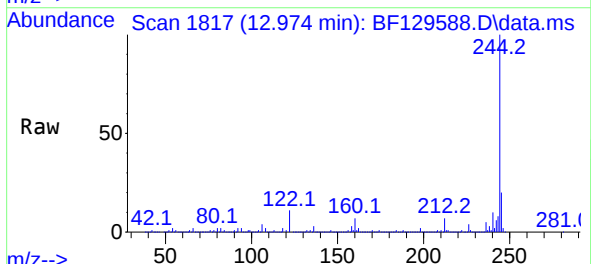
Tgt Ion:202 Resp: 14714
Ion Ratio Lower Upper
202 100
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203 17.5 14.6 21.8

Manual Integrations
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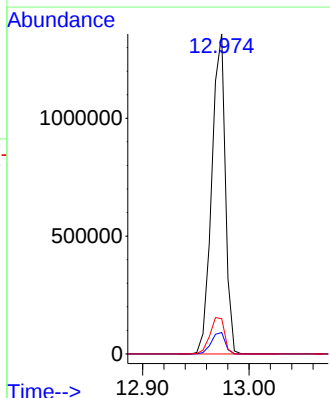
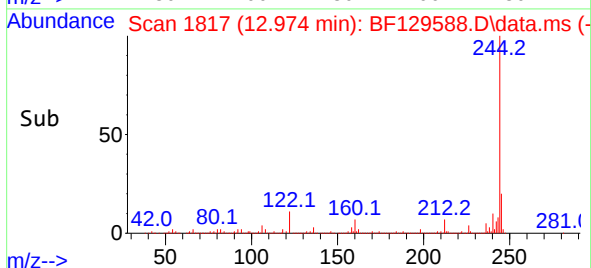
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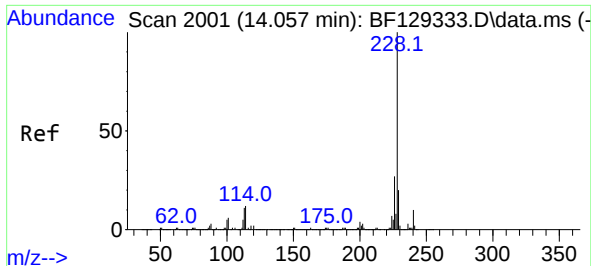


#79
Terphenyl-d14
Concen: 76.758 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26



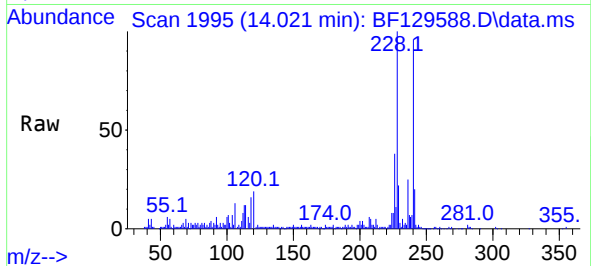
Tgt Ion:244 Resp: 1204890
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 11.1 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.781 ng m
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

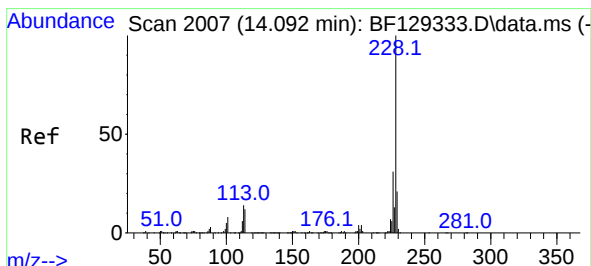
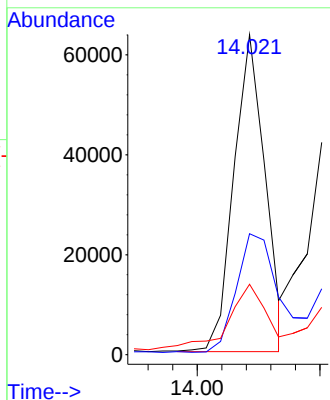
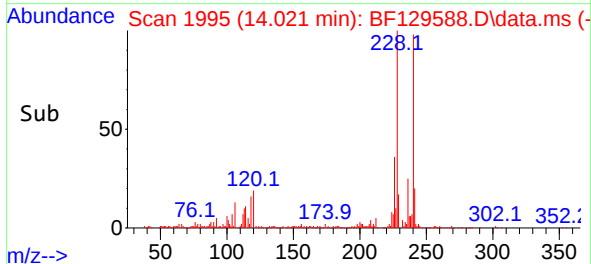
Instrument :
BNA_F
ClientSampleId :
RVE-125



Tgt Ion:228 Resp: 5626
Ion Ratio Lower Upper
228 100
226 37.8 22.1 33.1
229 22.0 15.8 23.8

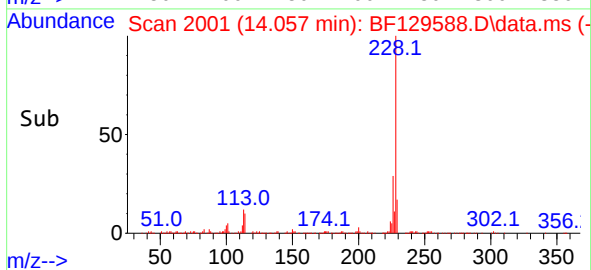
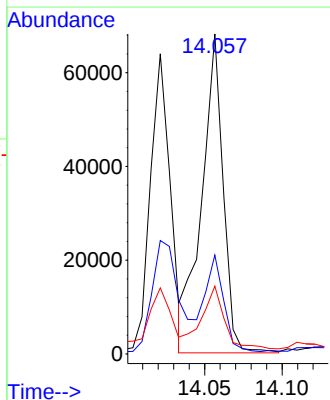
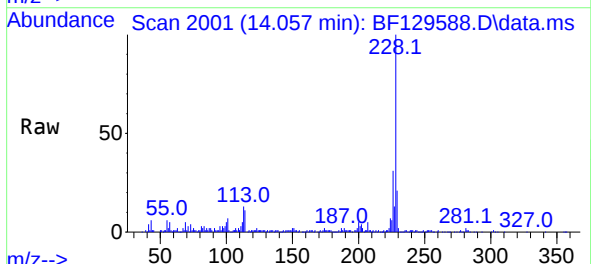
Manual Integrations
APPROVED

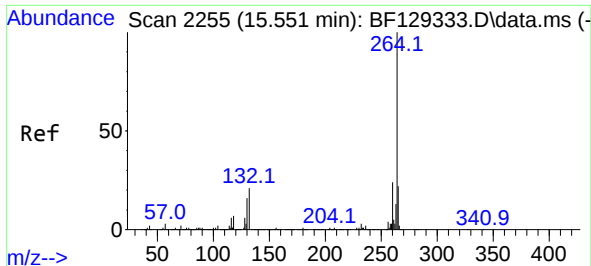
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#83
Chrysene
Concen: 3.457 ng m
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Tgt Ion:228 Resp: 65912
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.2 15.9 23.9





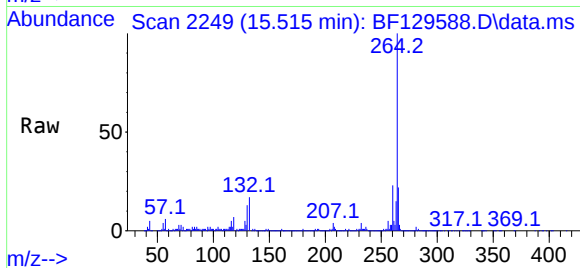
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Instrument :

BNA_F

ClientSampleId :

RVE-125

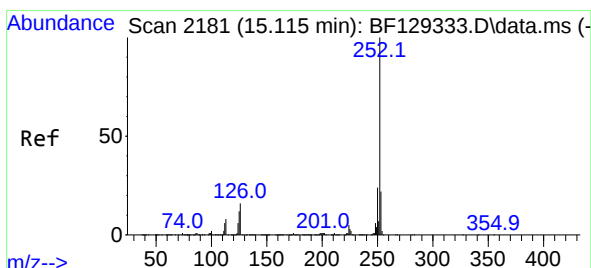
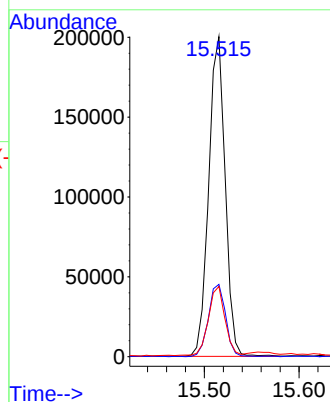
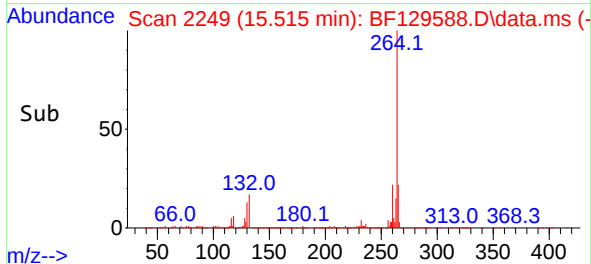


Tgt Ion:264 Resp: 241599
Ion Ratio Lower Upper
264 100
260 22.6 18.4 27.6
265 22.0 17.2 25.8

Manual Integrations

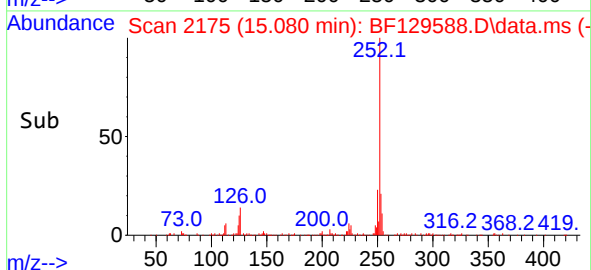
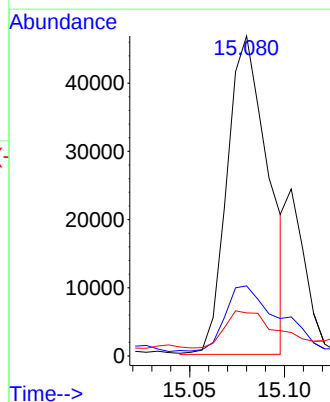
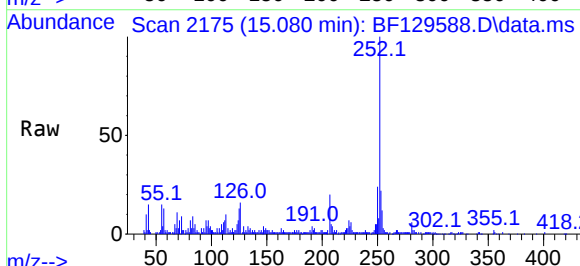
APPROVED

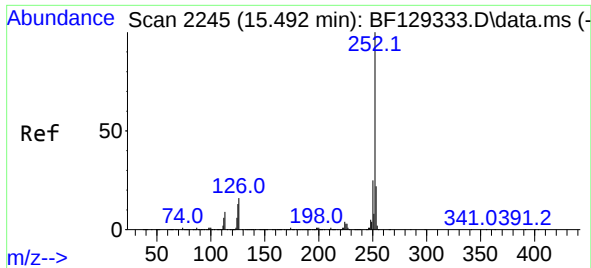
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#88
Benzo(b)fluoranthene
Concen: 4.381 ng m
RT: 15.080 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

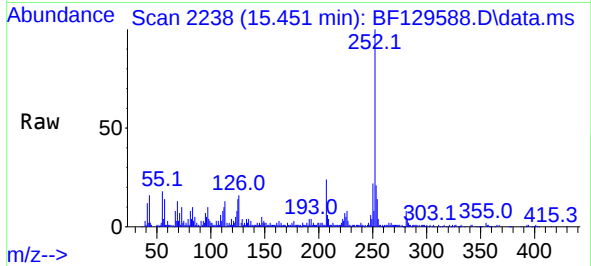
Tgt Ion:252 Resp: 70202
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 13.4 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.888 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129588.D
Acq: 05 Aug 2022 01:26

Instrument :
BNA_F
ClientSampleId :
RVE-125



Tgt Ion:252 Resp: 50579
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.6 8.8 13.2

Manual Integrations
APPROVED

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

