

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129727.D
 Acq On : 11 Aug 2022 21:41
 Operator : CG\JU
 Sample : N4130-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB05

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 00:03:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	159347	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	626802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	317074	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	454788	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	290589	20.000	ng	-0.02
86) Perylene-d12	15.480	264	292707	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1101604	112.617	ng	0.00
7) Phenol-d6	6.487	99	1378057	112.080	ng	0.00
23) Nitrobenzene-d5	7.398	82	876151	76.305	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	291530	95.633	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1588540	77.502	ng	-0.01
79) Terphenyl-d14	12.945	244	1207211	78.375	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.574	202	74646	2.968	ng	100
78) Pyrene	12.804	202	72140	2.969	ng	98
83) Chrysene	14.033	228	38440	2.055	ng	99
88) Benzo(b)fluoranthene	15.051	252	56671m	2.919	ng	
90) Benzo(a)pyrene	15.415	252	36472	2.314	ng	# 97

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

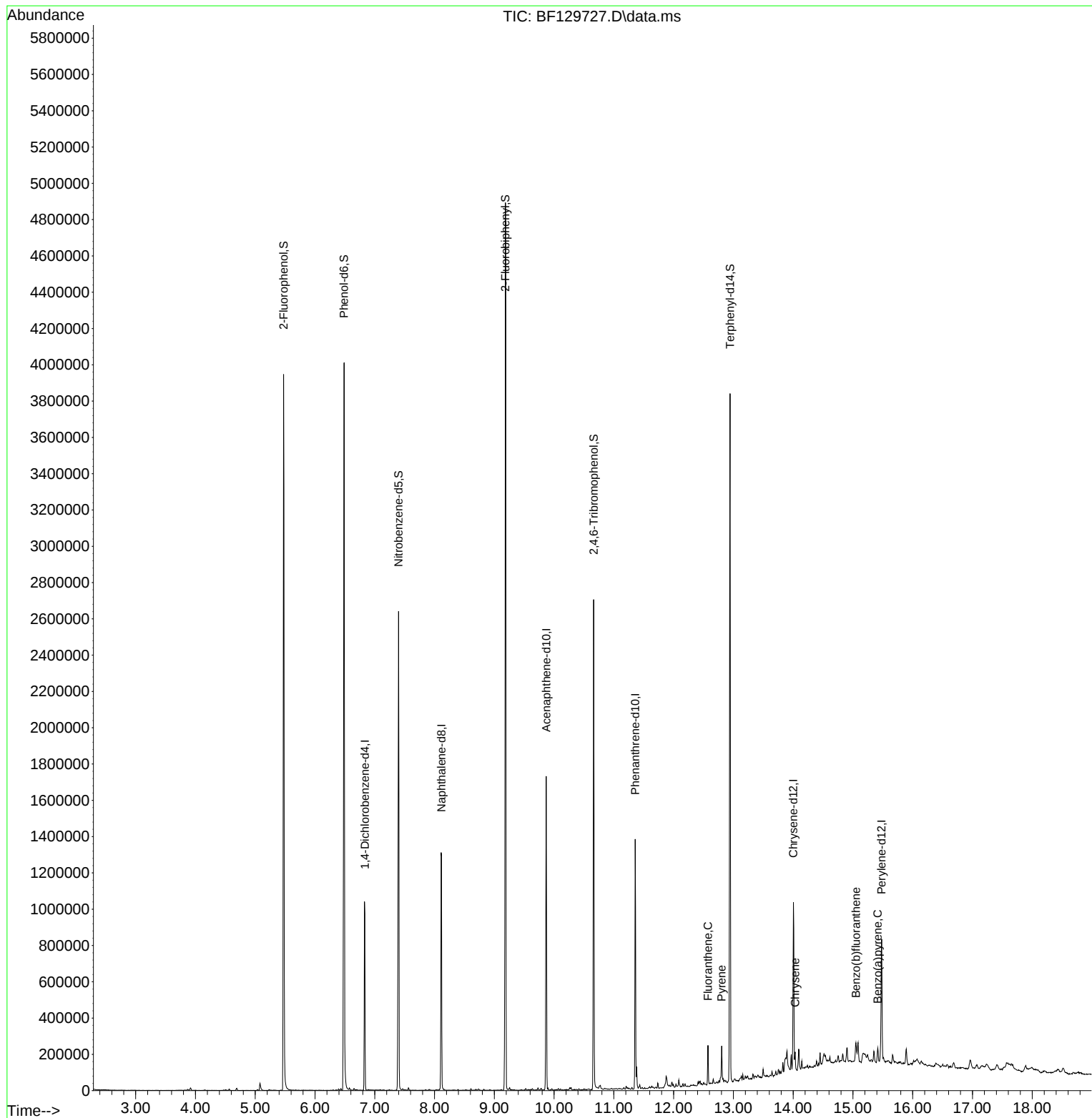
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129727.D
Acq On : 11 Aug 2022 21:41
Operator : CG\JU
Sample : N4130-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

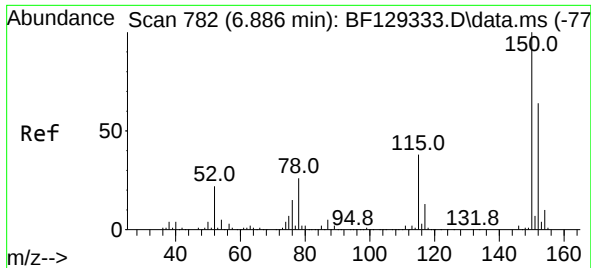
Instrument :
BNA_F
ClientSampleId :
SB05

Quant Time: Aug 12 00:03:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration

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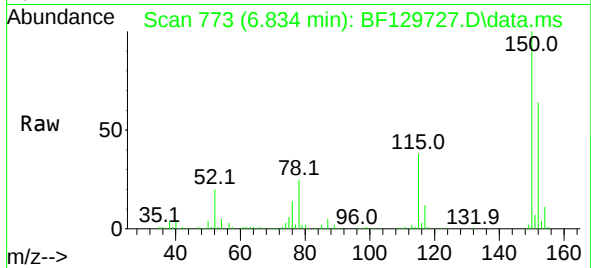
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

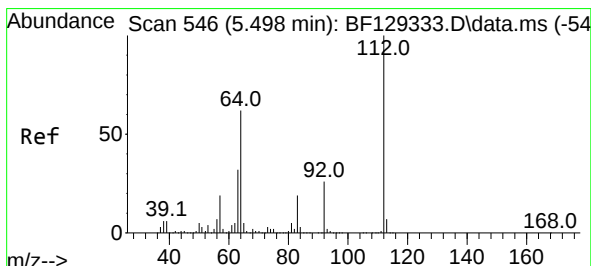
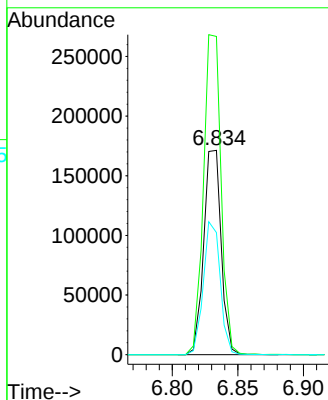
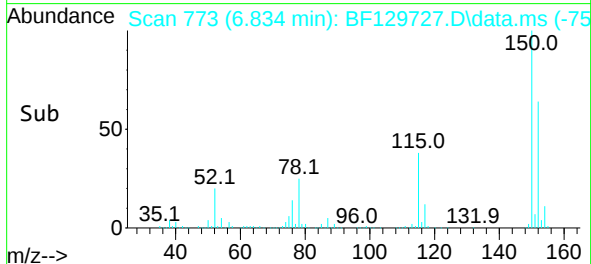
Instrument :
 BNA_F
 ClientSampleId :
 SB05



Tgt Ion:152 Resp: 15934
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 59.7 49.9 74.9

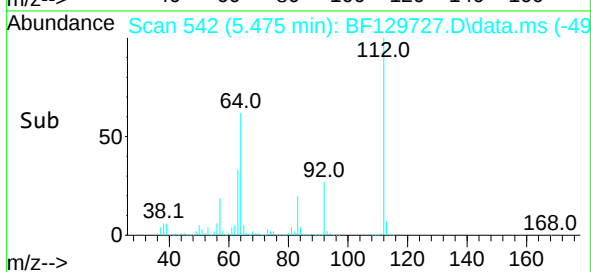
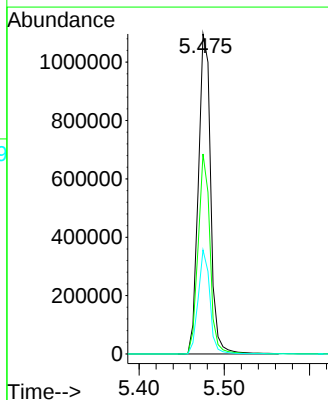
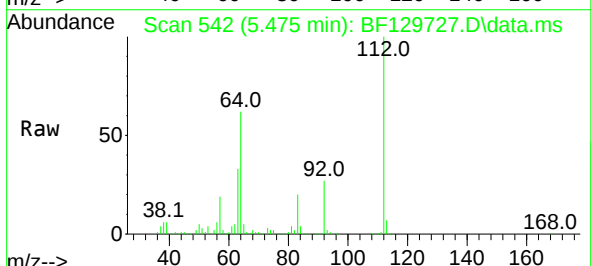
Manual Integrations
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#5
 2-Fluorophenol
 Concen: 112.617 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

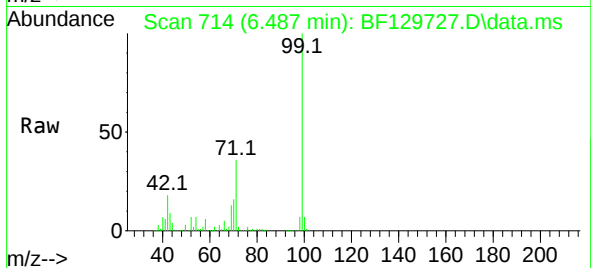
Tgt Ion:112 Resp: 1101604
 Ion Ratio Lower Upper
 112 100
 64 62.5 53.3 79.9
 63 32.5 28.0 42.0





#7
Phenol-d6
Concen: 112.080 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

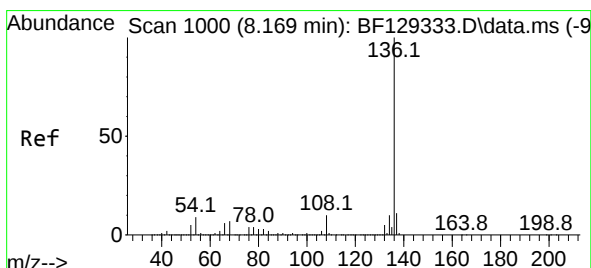
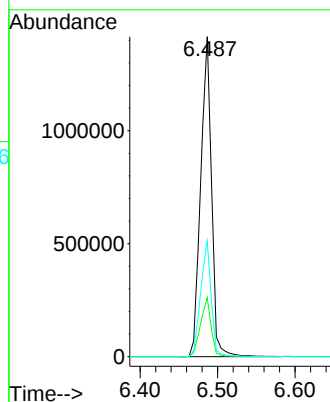
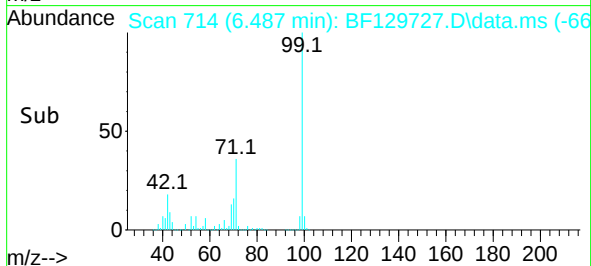
Instrument :
BNA_F
ClientSampleId :
SB05



Tgt Ion: 99 Resp: 137805
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 36.2 28.9 43.3

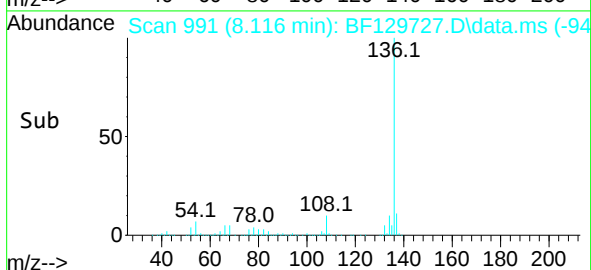
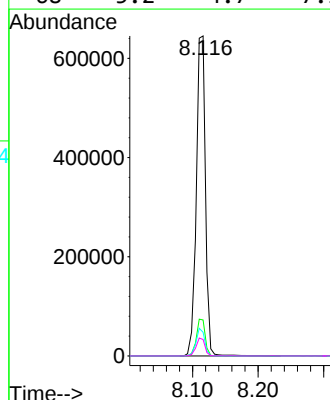
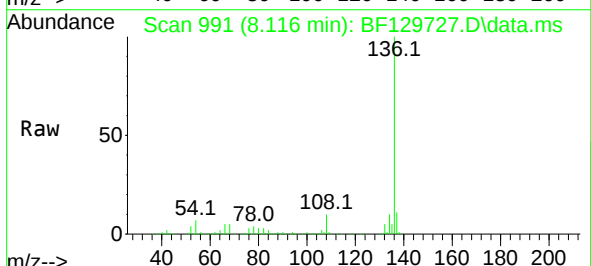
Manual Integrations
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Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

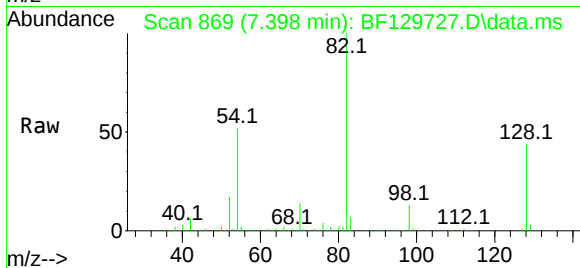
Tgt Ion:136 Resp: 626802
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.4 7.5 11.3#
68 5.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 76.305 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

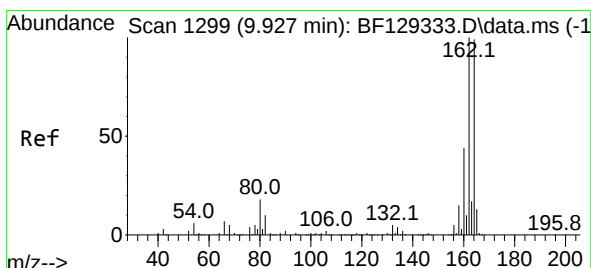
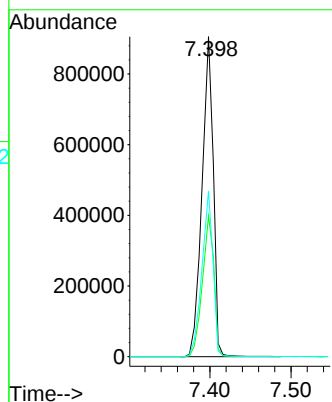
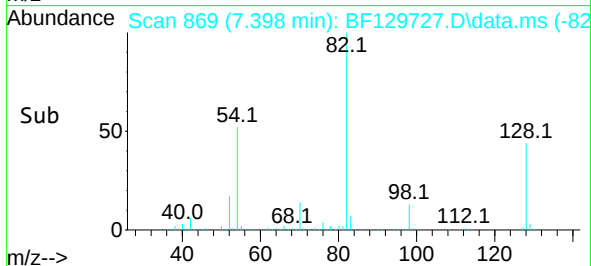
Instrument :
BNA_F
ClientSampleId :
SB05



Tgt Ion: 82 Resp: 87615
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 51.8 46.9 70.3

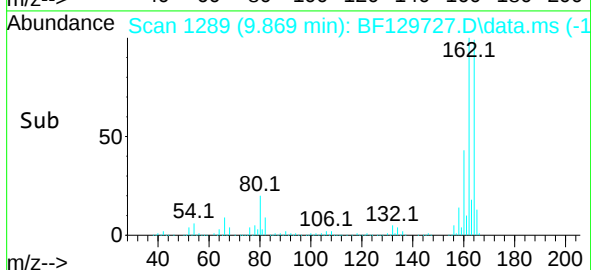
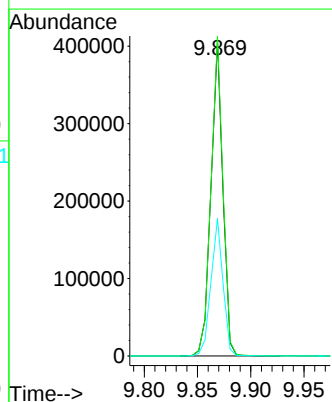
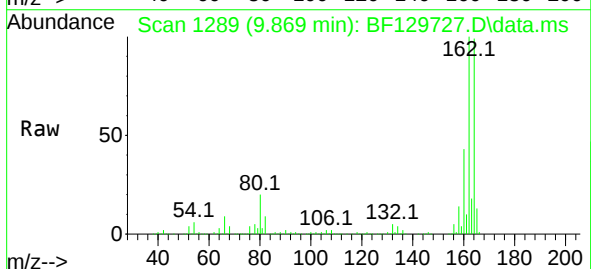
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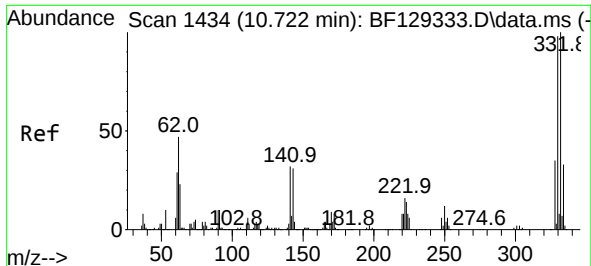
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Tgt Ion:164 Resp: 317074
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 43.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 95.633 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

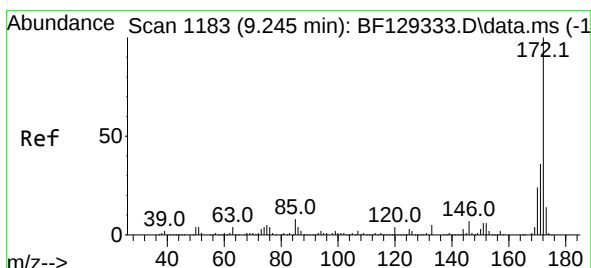
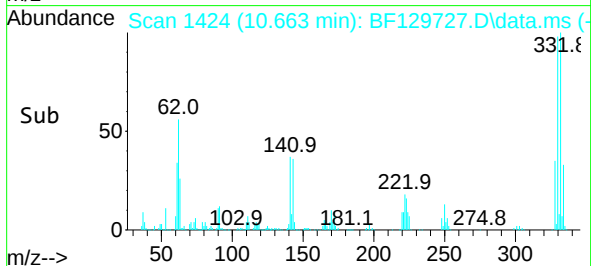
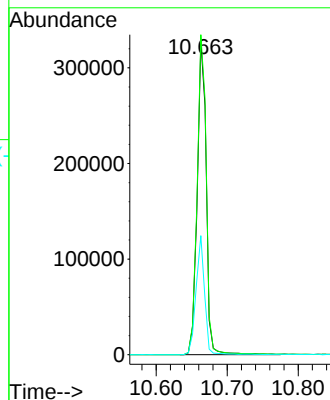
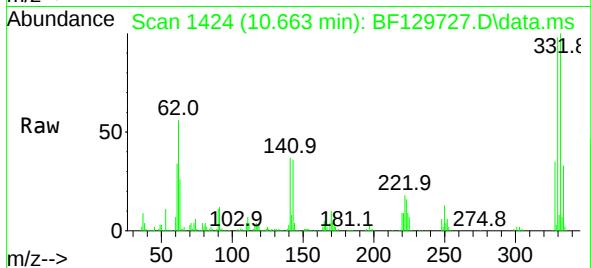
SB05

Tgt Ion:330 Resp: 291530
Ion Ratio Lower Upper
330 100
332 103.8 76.8 115.2
141 35.9 28.0 42.0

Manual Integrations

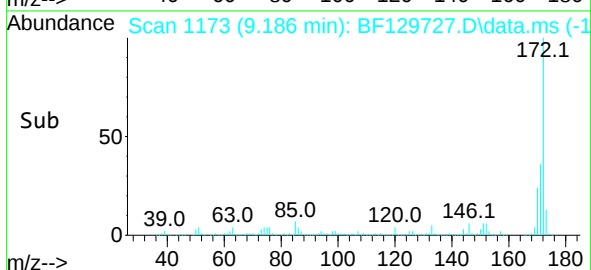
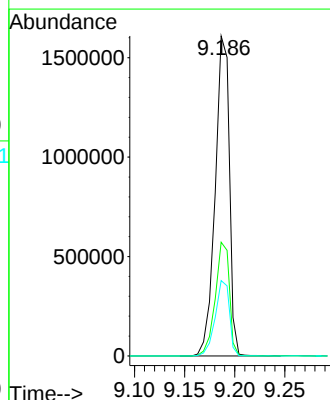
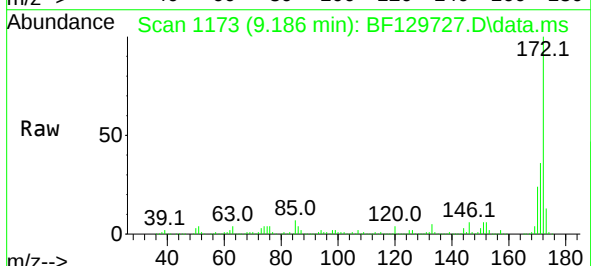
APPROVED

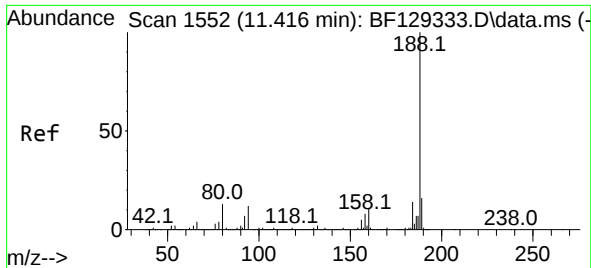
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#45
2-Fluorobiphenyl
Concen: 77.502 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

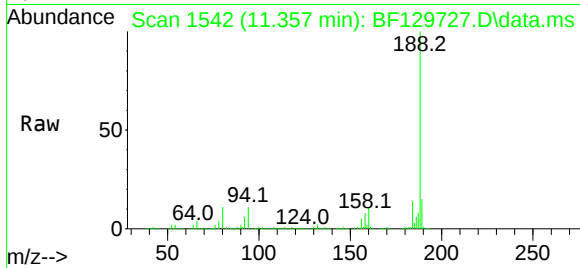
Tgt Ion:172 Resp: 1588540
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

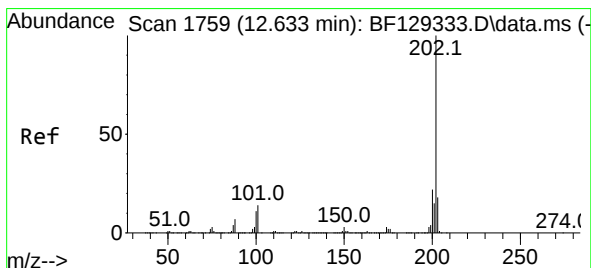
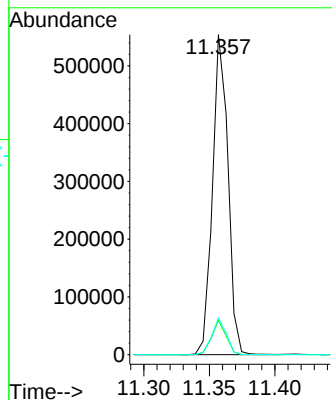
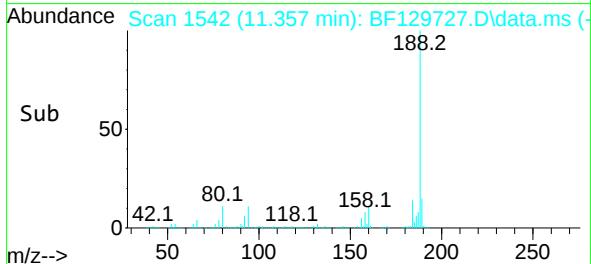
Instrument :
BNA_F
ClientSampleId :
SB05



Tgt Ion:188 Resp: 454788
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6
80 11.4 7.6 11.4

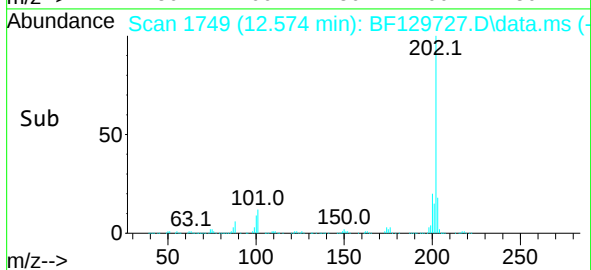
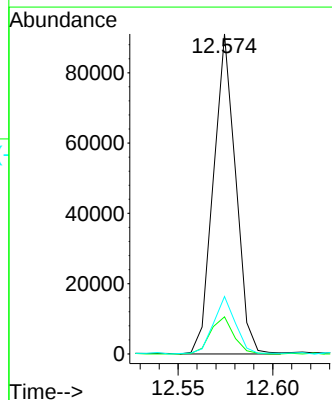
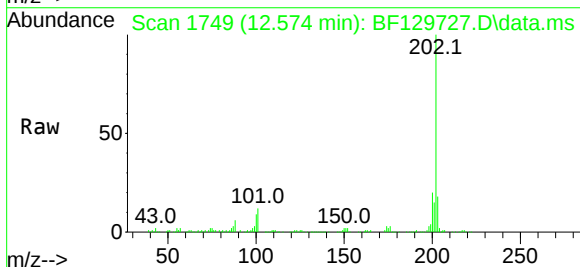
Manual Integrations
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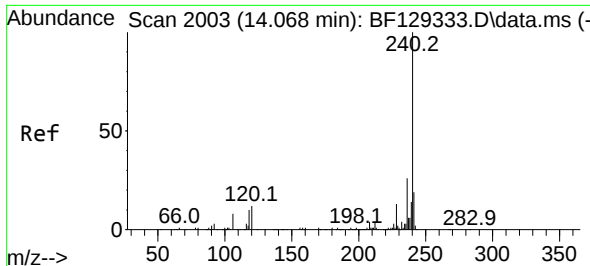
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#75
Fluoranthene
Concen: 2.968 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

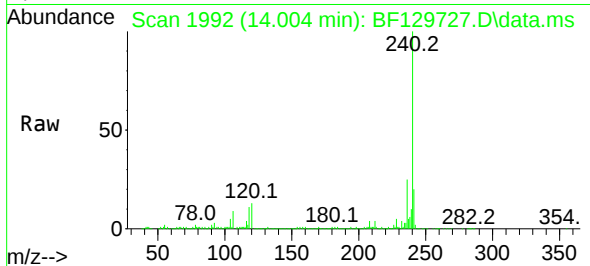
Tgt Ion:202 Resp: 74646
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.9 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.018 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

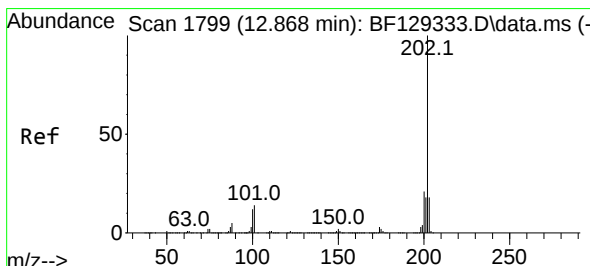
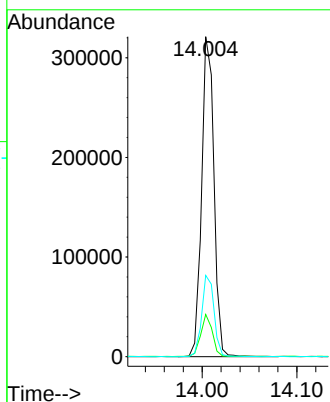
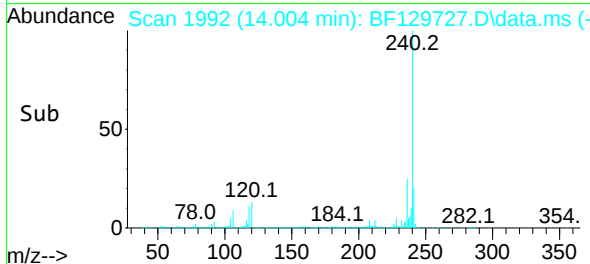
Instrument :
BNA_F
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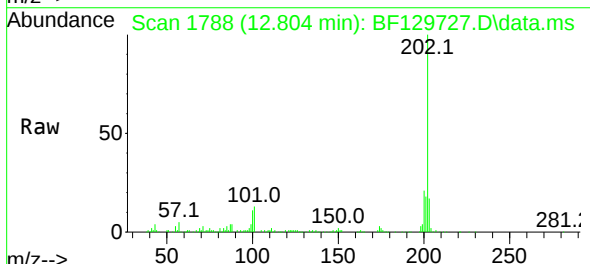
Tgt Ion:240 Resp: 290589
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.4 20.8 31.2

Manual Integrations
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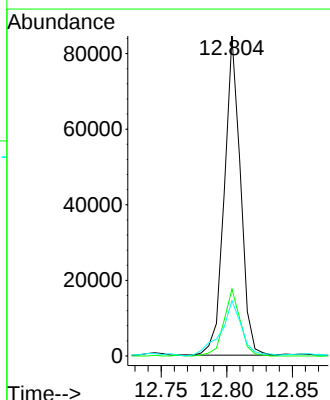
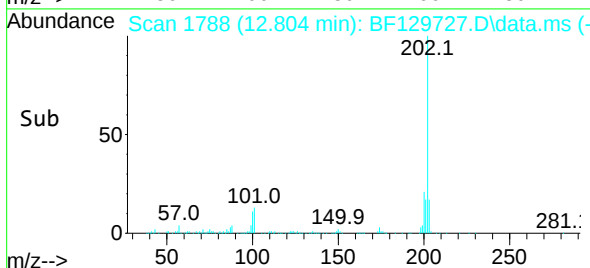
Reviewed By :Christian Giraldo 08/12/2022
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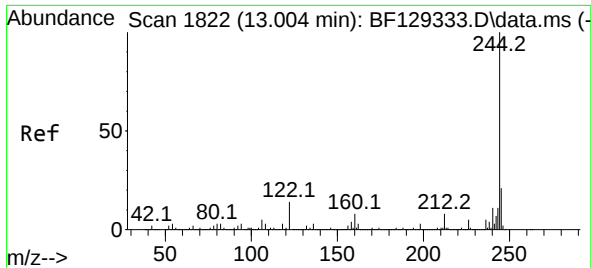


#78
Pyrene
Concen: 2.969 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41



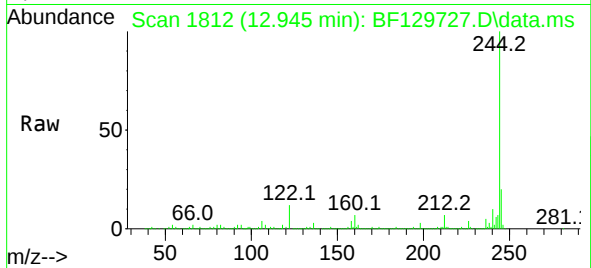
Tgt Ion:202 Resp: 72140
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 78.375 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

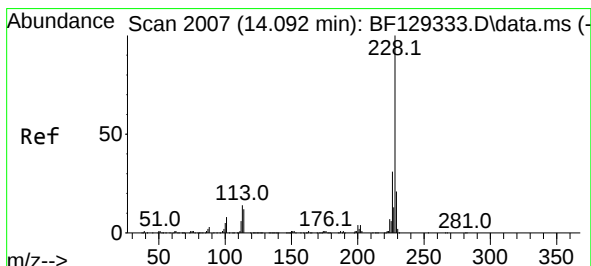
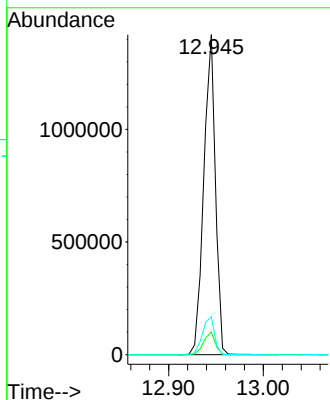
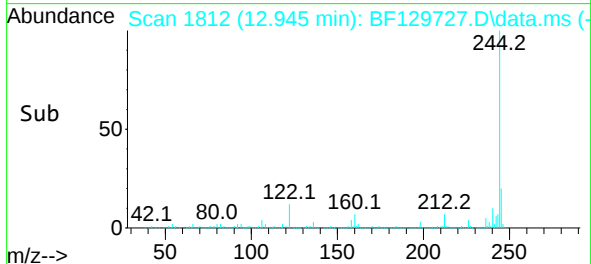
Instrument :
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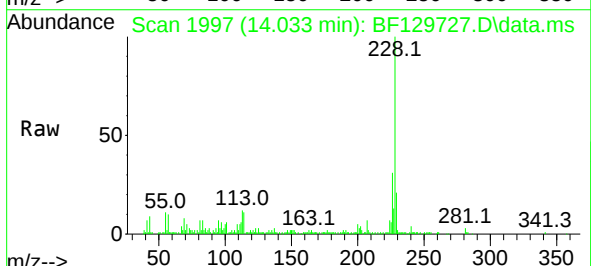
Tgt Ion:244 Resp: 120721
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.9 8.8 13.2

Manual Integrations
 APPROVED

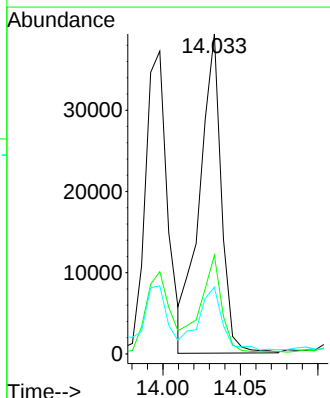
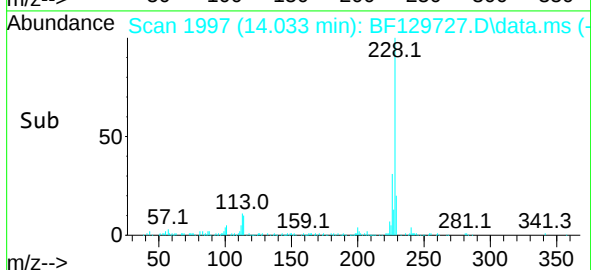
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

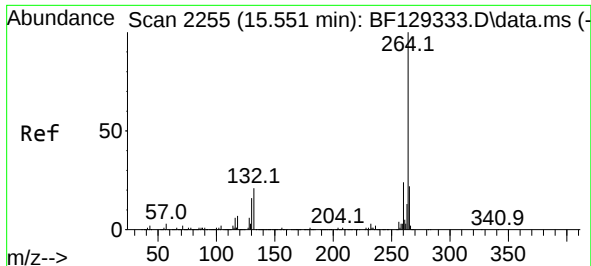


#83
 Chrysene
 Concen: 2.055 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.012 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41



Tgt Ion:228 Resp: 38440
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 20.8 15.9 23.9





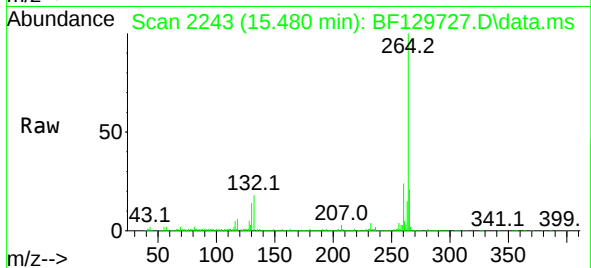
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

Instrument :

BNA_F

ClientSampleId :

SB05



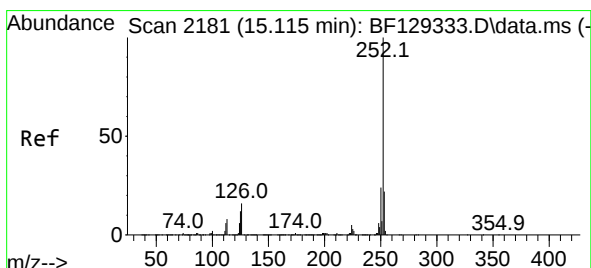
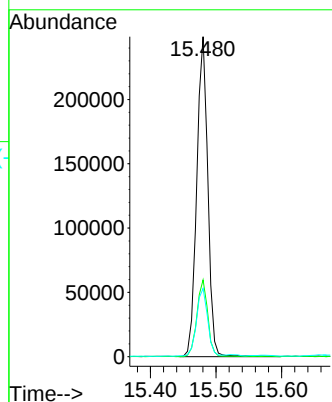
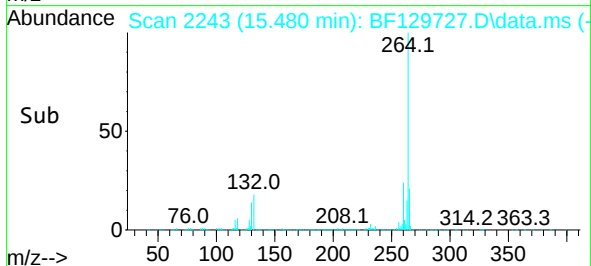
Tgt Ion:264 Resp: 29270
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.3 17.2 25.8

Manual Integrations

APPROVED

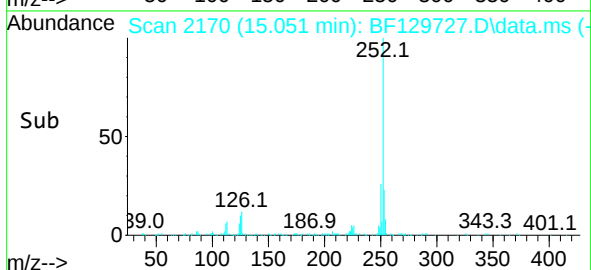
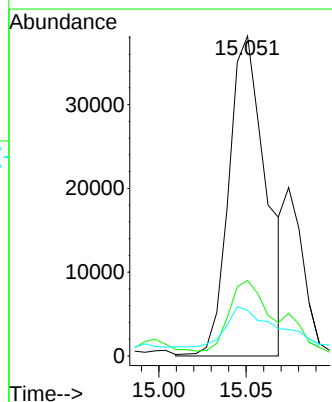
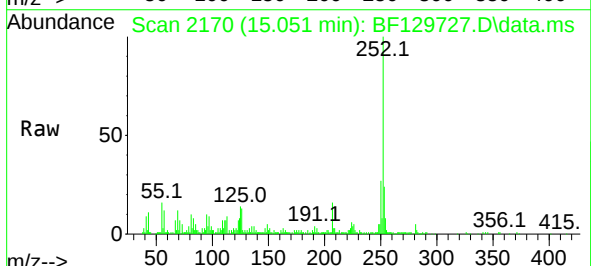
Reviewed By :Christian Giraldo 08/12/2022

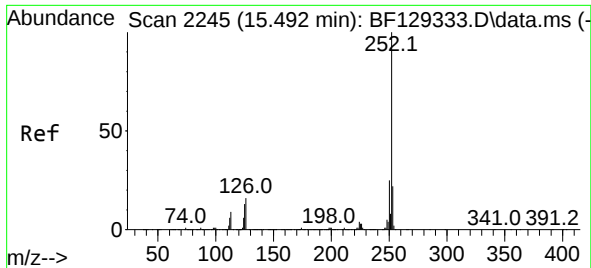
Supervised By :Jagrut Upadhyay 08/12/2022



#88
Benzo(b)fluoranthene
Concen: 2.919 ng m
RT: 15.051 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF129727.D
Acq: 11 Aug 2022 21:41

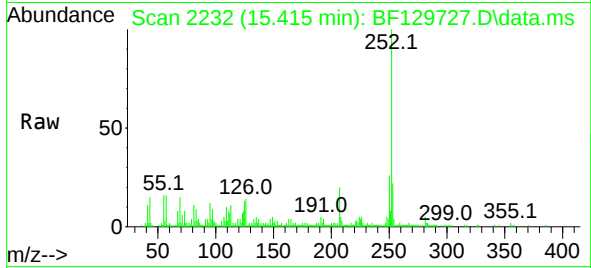
Tgt Ion:252 Resp: 56671
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 14.3 8.0 12.0#





#90
 Benzo(a)pyrene
 Concen: 2.314 ng
 RT: 15.415 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129727.D
 Acq: 11 Aug 2022 21:41

Instrument :
 BNA_F
 ClientSampleId :
 SB05



Tgt Ion:252 Resp: 36472
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.0 25.6
 125 13.4 8.8 13.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

