

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129422.D
 Acq On : 28 Jul 2022 22:30
 Operator : CG\JU
 Sample : N3893-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-17

Quant Time: Jul 29 02:10:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	191446	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	748875	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	367906	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	519652	20.000	ng	0.00
76) Chrysene-d12	14.057	240	361887	20.000	ng	-0.01
86) Perylene-d12	15.551	264	366301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1137060	96.752	ng	0.02
7) Phenol-d6	6.522	99	1455670	98.542	ng	0.00
23) Nitrobenzene-d5	7.445	82	916599	66.815	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	318376	90.009	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1636783	68.822	ng	0.00
79) Terphenyl-d14	12.998	244	1231100	64.179	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.627	202	97572	3.395	ng	98
78) Pyrene	12.857	202	93635	3.094	ng	99
83) Chrysene	14.086	228	61462	2.638	ng	96
88) Benzo(b)fluoranthene	15.110	252	90399m	3.720	ng	
90) Benzo(a)pyrene	15.486	252	60602	3.072	ng	# 91

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

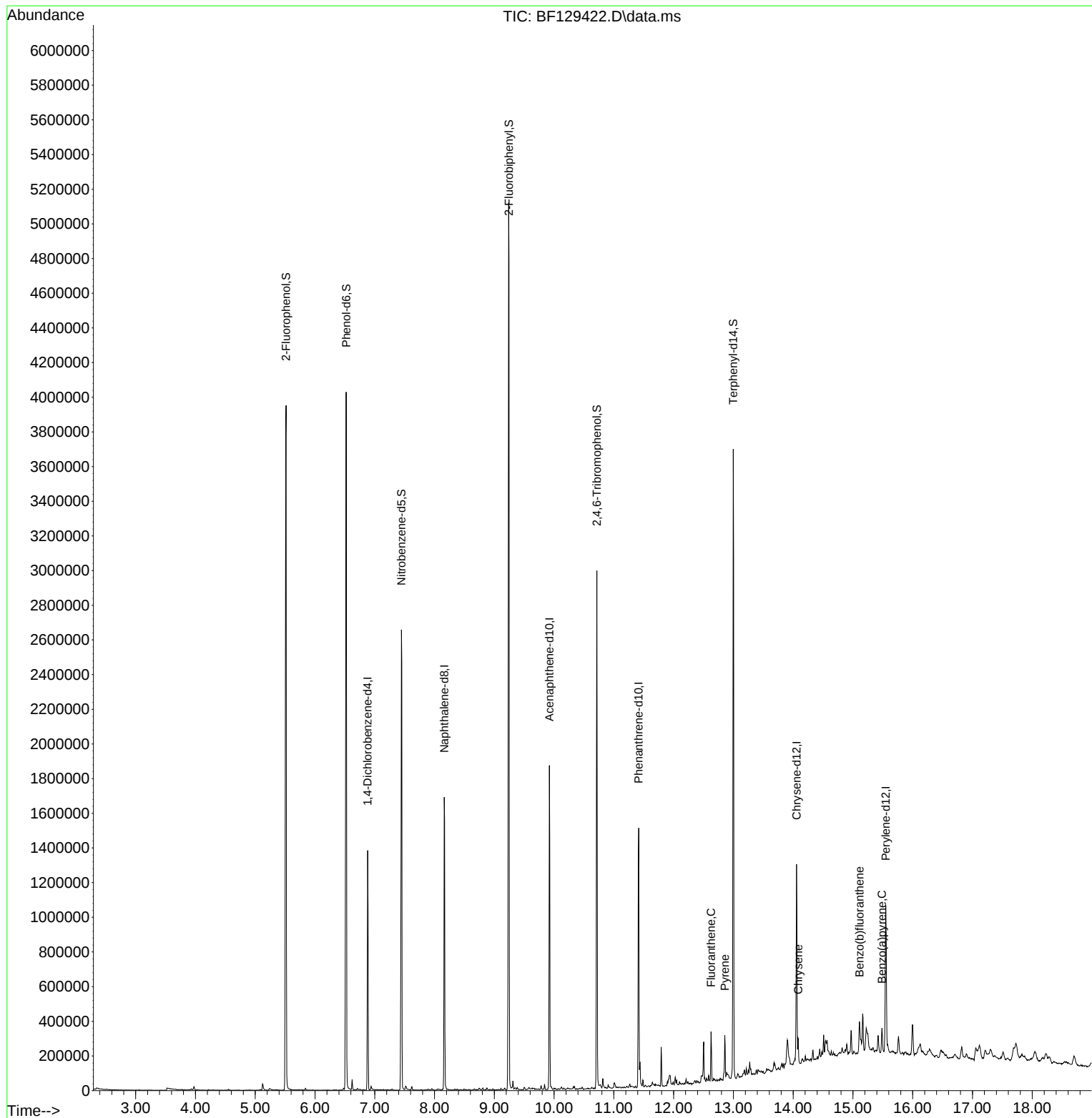
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129422.D
Acq On : 28 Jul 2022 22:30
Operator : CG\JU
Sample : N3893-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

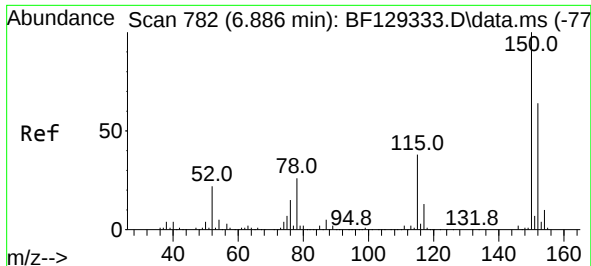
Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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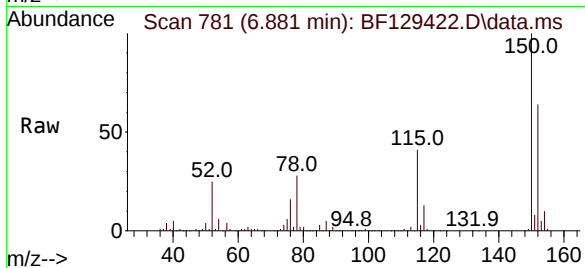
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

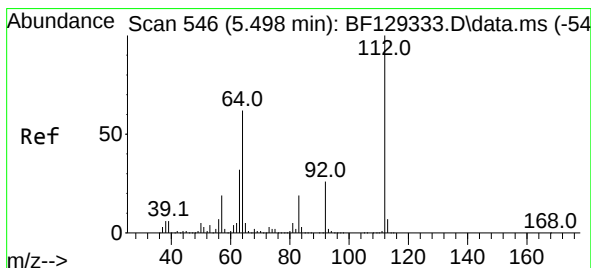
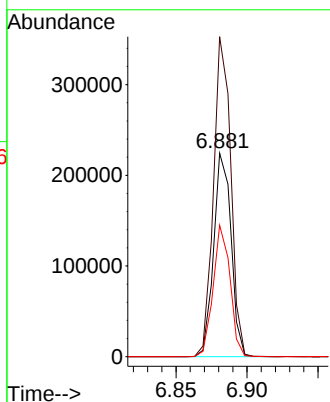
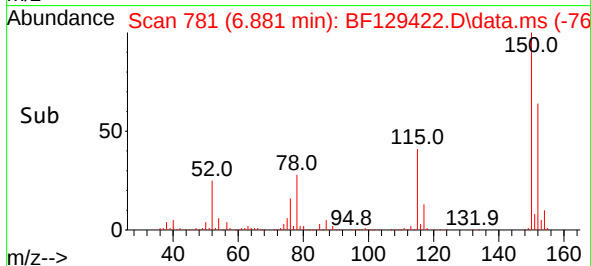
Instrument :
BNA_F
ClientSampleId :
RVE-17



Tgt Ion:152 Resp: 191440
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 64.7 49.9 74.9

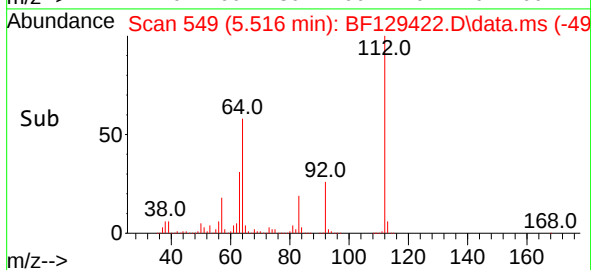
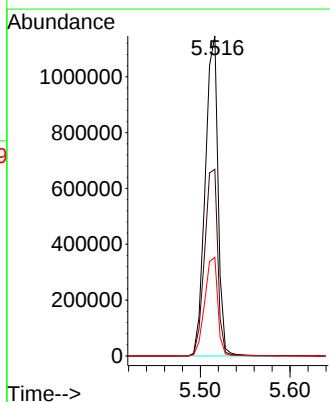
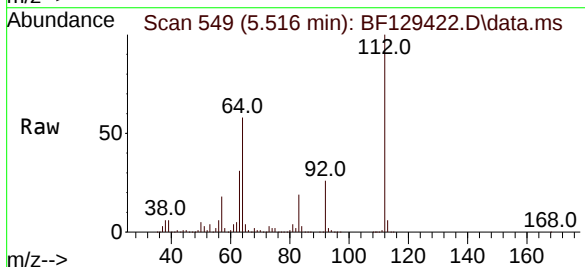
Manual Integrations
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#5
2-Fluorophenol
Concen: 96.752 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

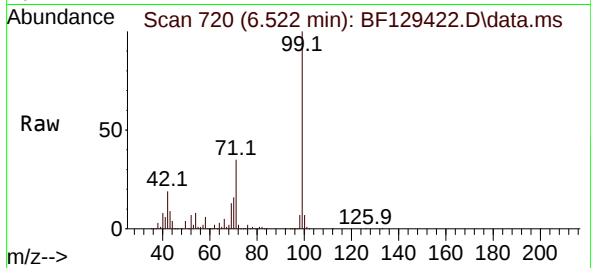
Tgt Ion:112 Resp: 1137060
Ion Ratio Lower Upper
112 100
64 58.3 53.3 79.9
63 30.8 28.0 42.0





#7
Phenol-d6
Concen: 98.542 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

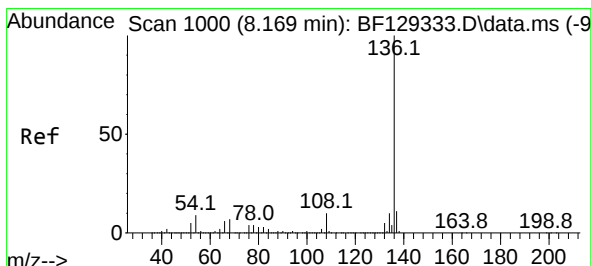
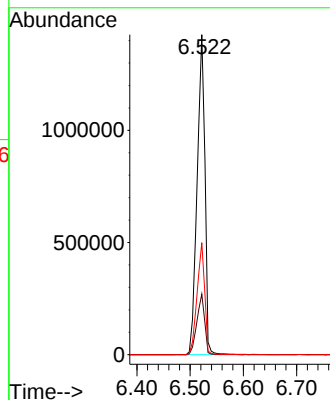
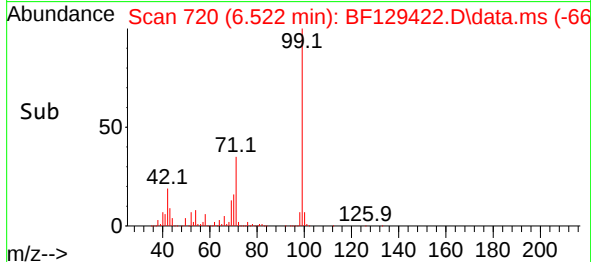
Instrument :
BNA_F
ClientSampleId :
RVE-17



Tgt Ion: 99 Resp: 1455670
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.0 28.9 43.3

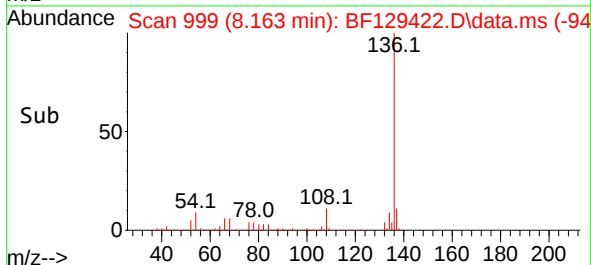
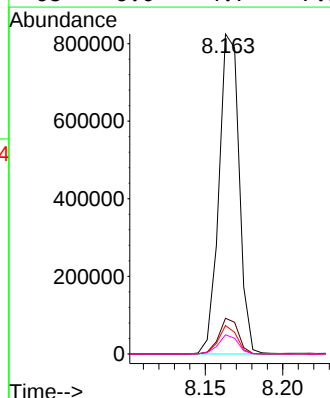
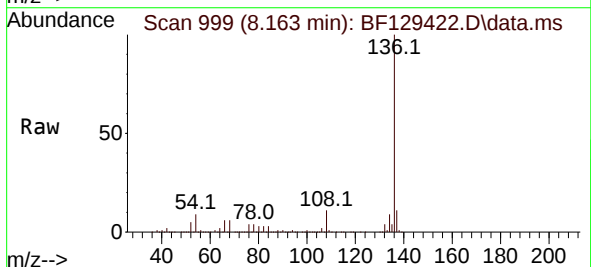
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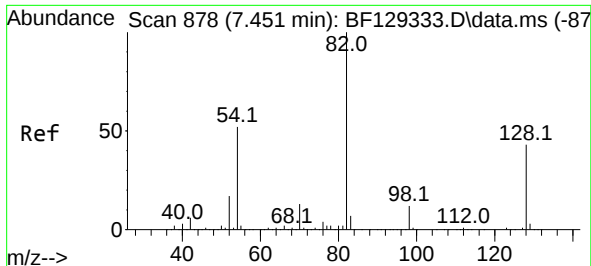
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

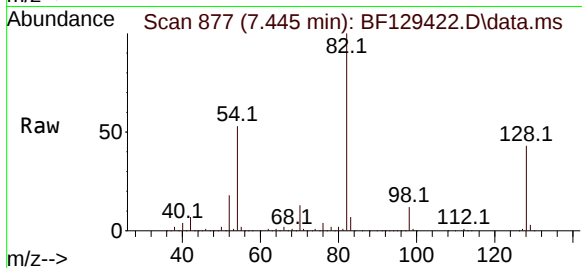
Tgt Ion:136 Resp: 748875
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 7.5 11.3
68 6.0 4.7 7.1





#23
Nitrobenzene-d5
Concen: 66.815 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

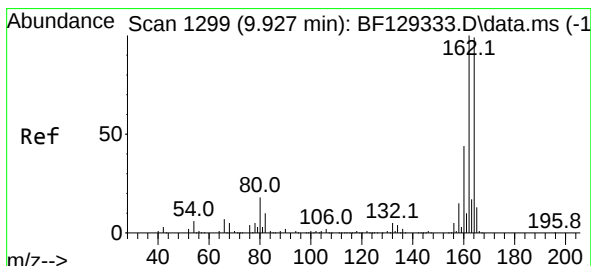
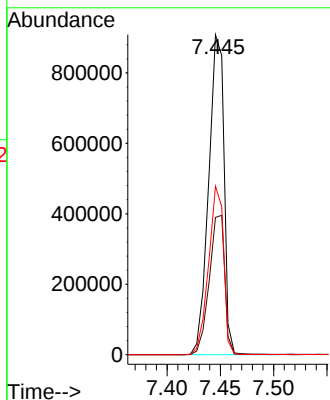
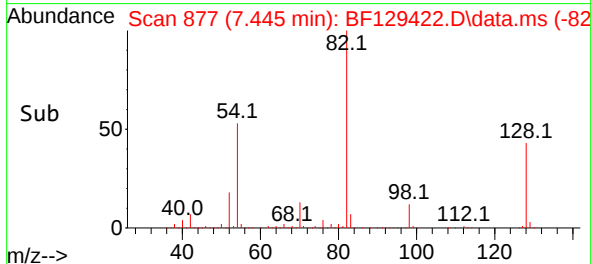
Instrument :
BNA_F
ClientSampleId :
RVE-17



Tgt Ion: 82 Resp: 91659
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 52.6 46.9 70.3

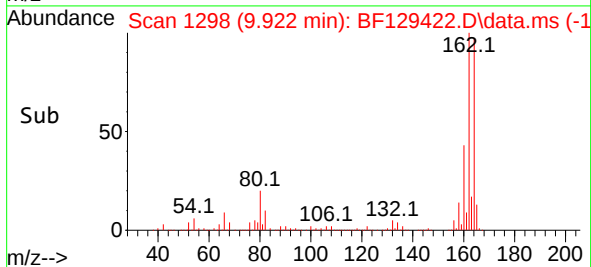
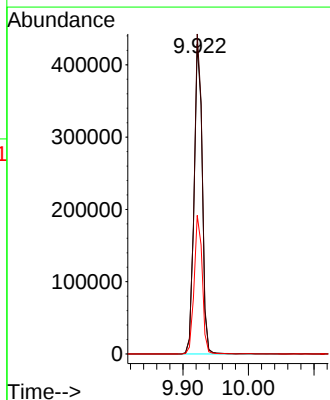
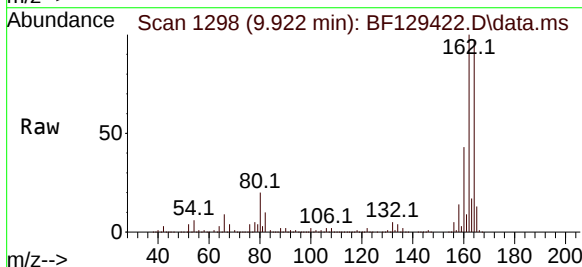
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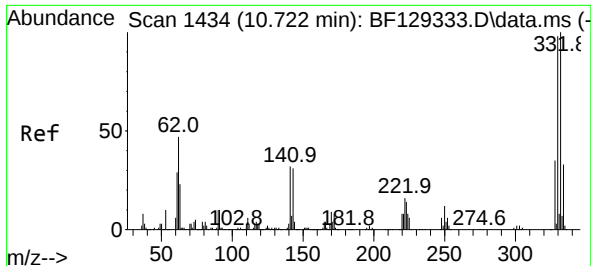
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

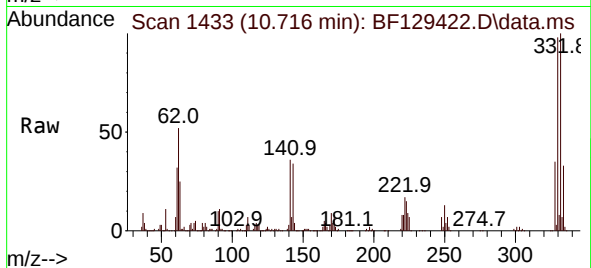
Tgt Ion:164 Resp: 367906
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 44.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 90.009 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

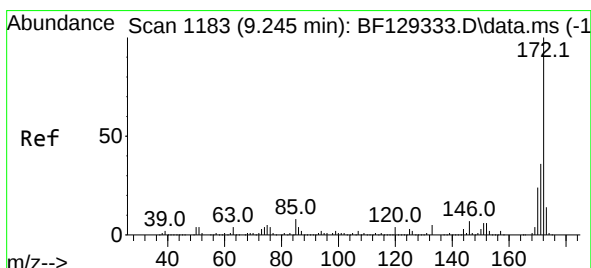
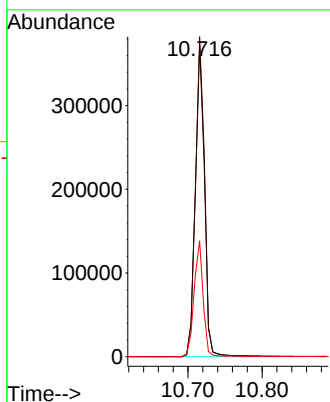
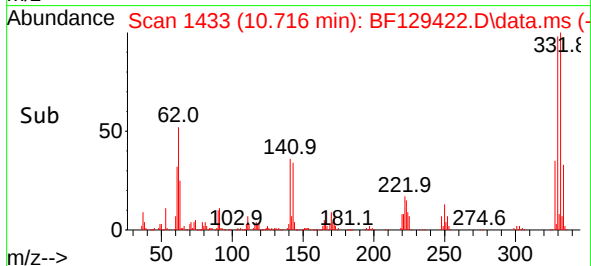
Instrument :
BNA_F
ClientSampleId :
RVE-17



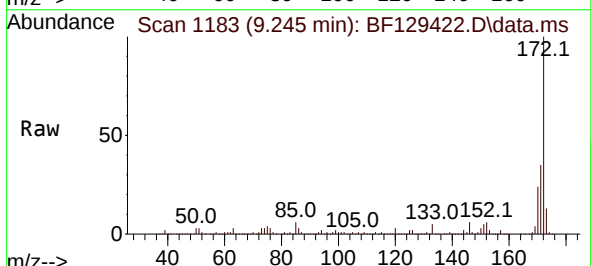
Tgt Ion: 330 Resp: 318370
Ion Ratio Lower Upper
330 100
332 102.4 76.8 115.2
141 37.2 28.0 42.0

Manual Integrations
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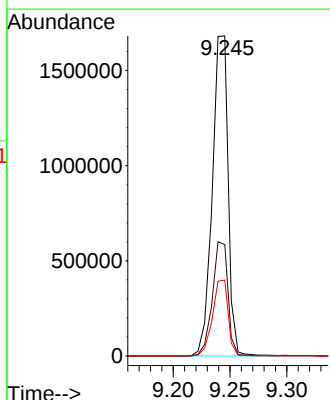
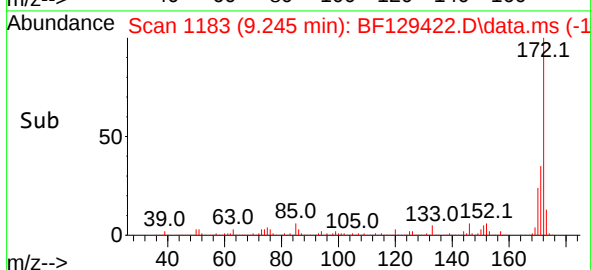
Reviewed By : Christian Giraldo 07/29/2022
Supervised By : Jagrut Upadhyay 07/29/2022

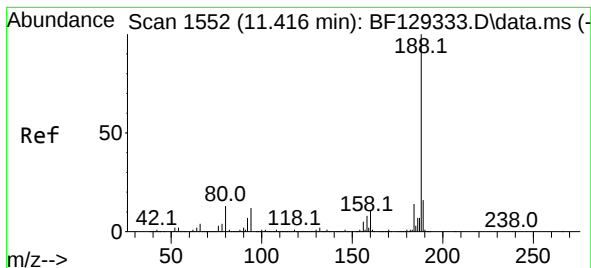


#45
2-Fluorobiphenyl
Concen: 68.822 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30



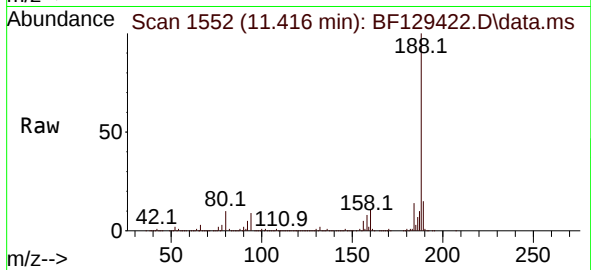
Tgt Ion: 172 Resp: 1636783
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.7 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

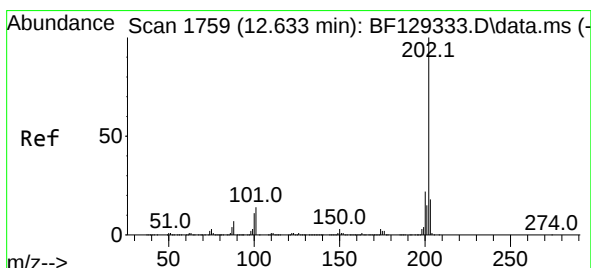
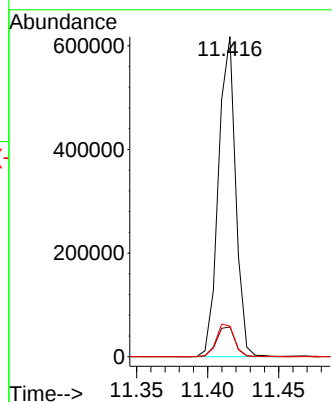
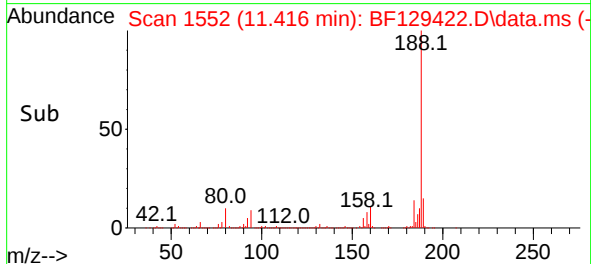
Instrument :
BNA_F
ClientSampleId :
RVE-17



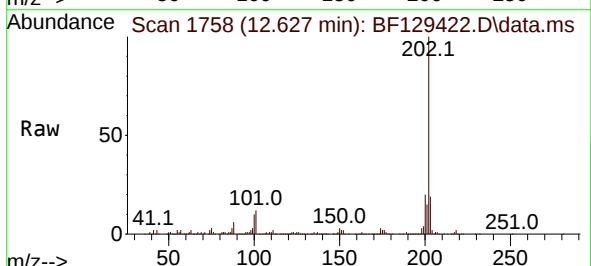
Tgt Ion:188 Resp: 519652
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.6 7.6 11.4

Manual Integrations
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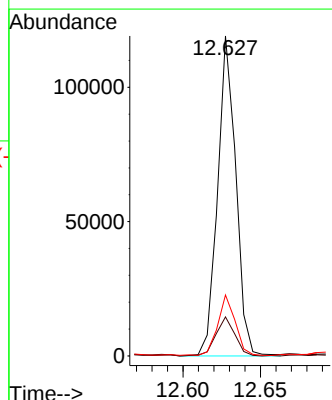
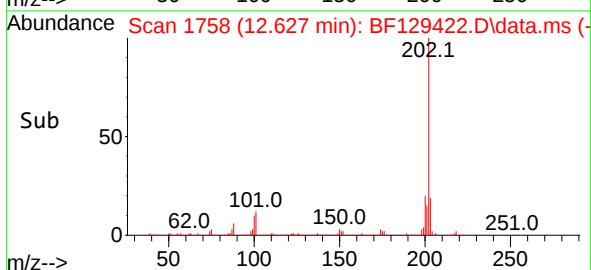
Reviewed By :Christian Giraldo 07/29/2022
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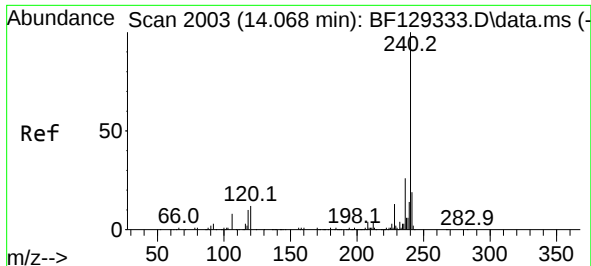


#75
Fluoranthene
Concen: 3.395 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30



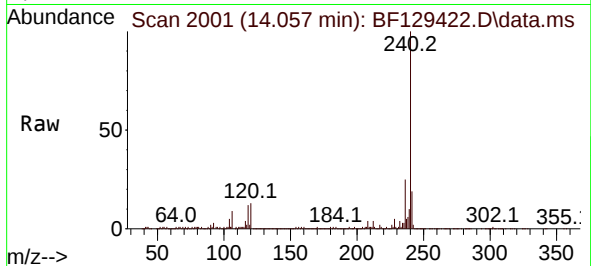
Tgt Ion:202 Resp: 97572
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 19.1 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

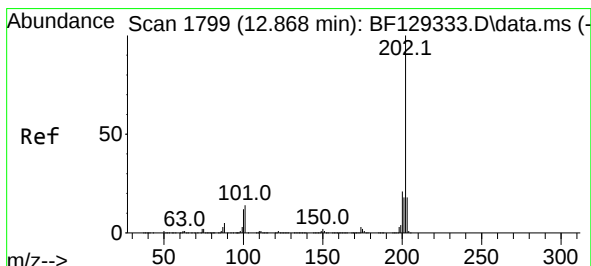
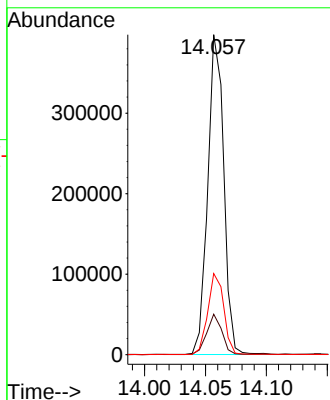
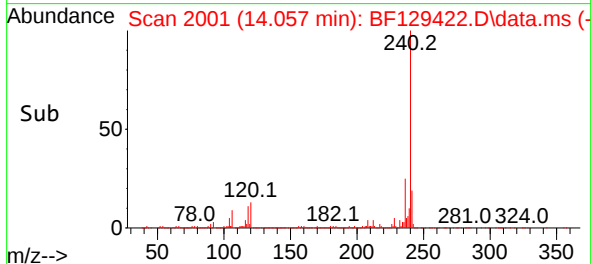
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RVE-17



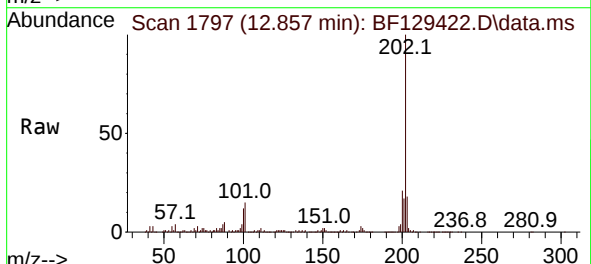
Tgt Ion:240 Resp: 36188
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.4 20.8 31.2

Manual Integrations
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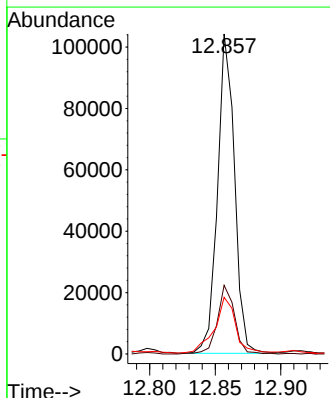
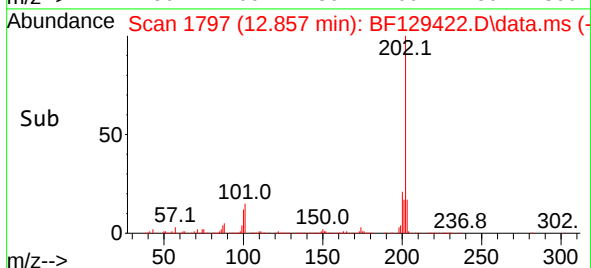
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

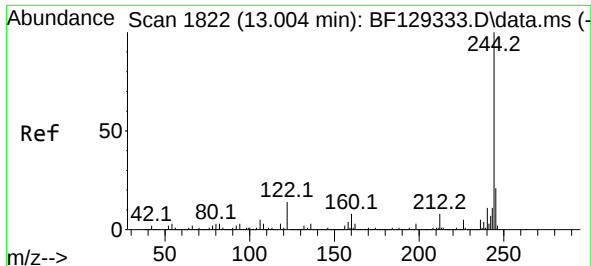


#78
Pyrene
Concen: 3.094 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30



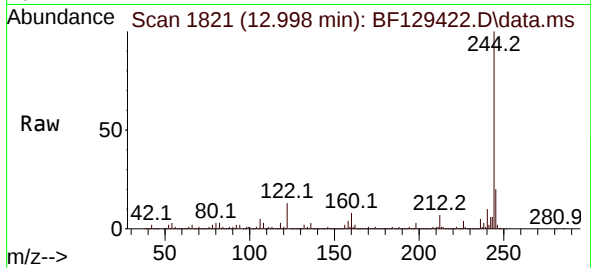
Tgt Ion:202 Resp: 93635
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.7 14.6 21.8





#79
Terphenyl-d14
Concen: 64.179 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

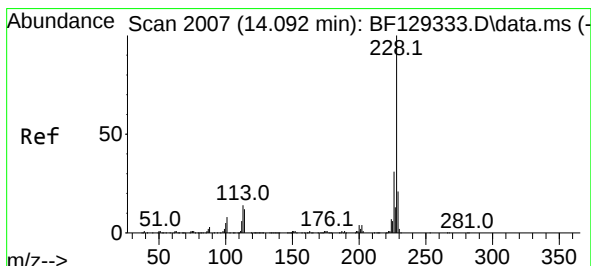
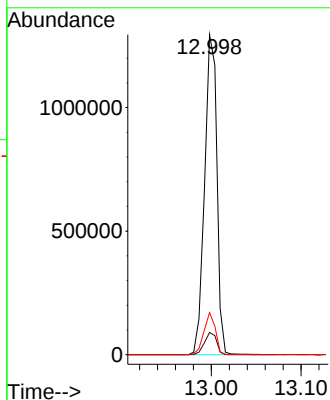
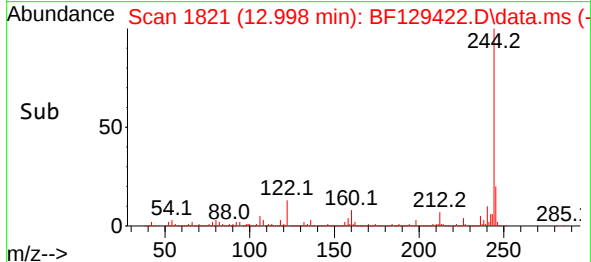
Instrument :
BNA_F
ClientSampleId :
RVE-17



Tgt Ion:244 Resp: 1231100
Ion Ratio Lower Upper
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212 7.0 6.1 9.1
122 13.2 8.8 13.2

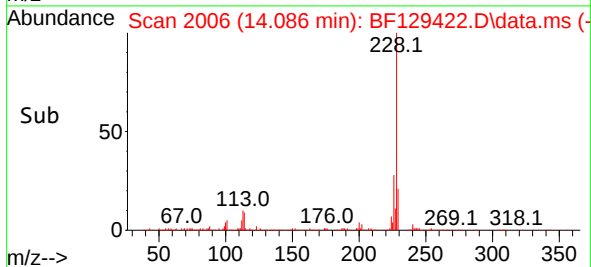
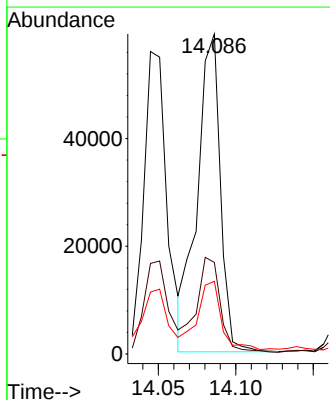
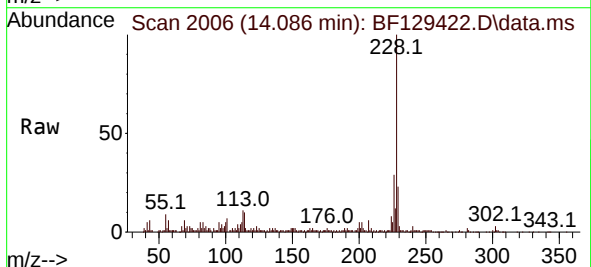
Manual Integrations
APPROVED

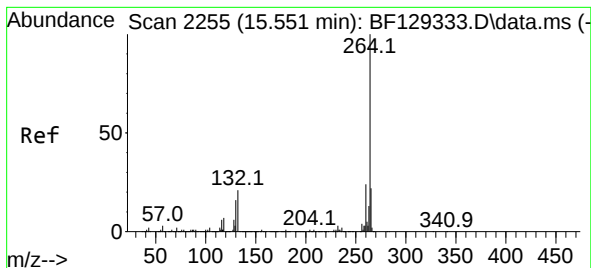
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#83
Chrysene
Concen: 2.638 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion:228 Resp: 61462
Ion Ratio Lower Upper
228 100
226 28.6 24.3 36.5
229 22.7 15.9 23.9





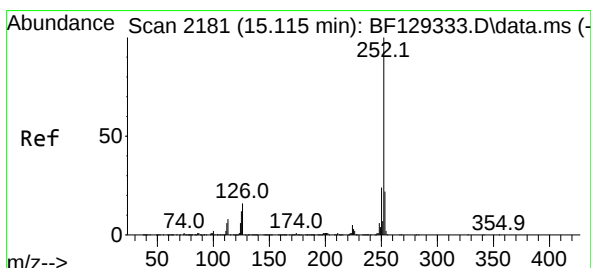
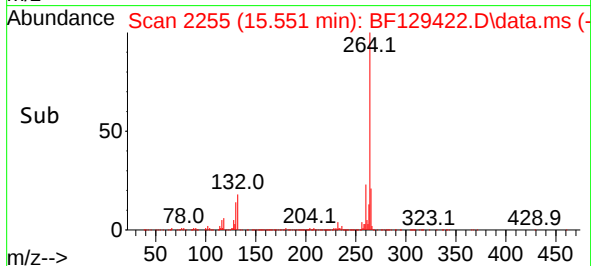
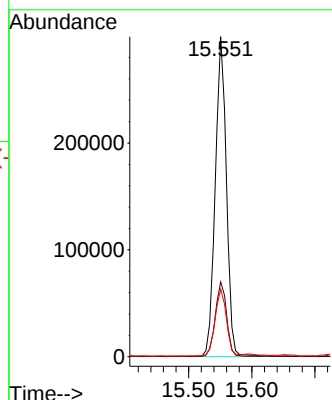
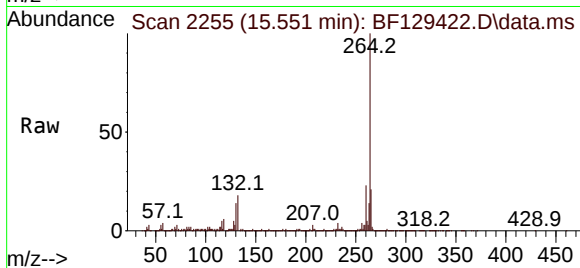
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Instrument :
BNA_F
ClientSampleId :
RVE-17

Tgt Ion:264 Resp: 36630
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.0 17.2 25.8

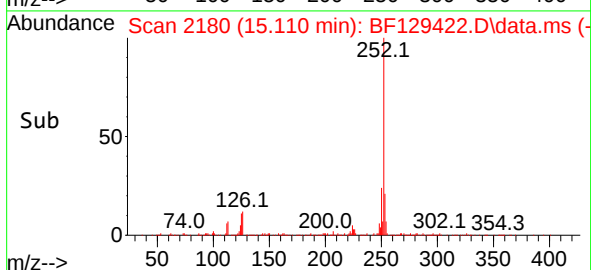
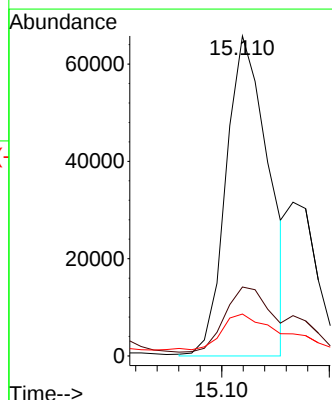
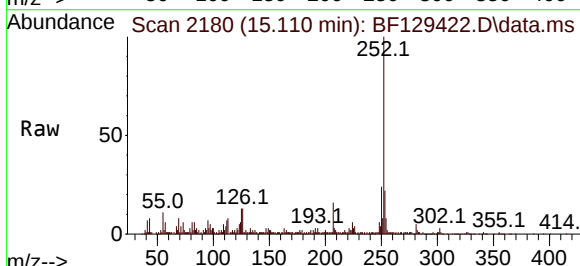
Manual Integrations
APPROVED

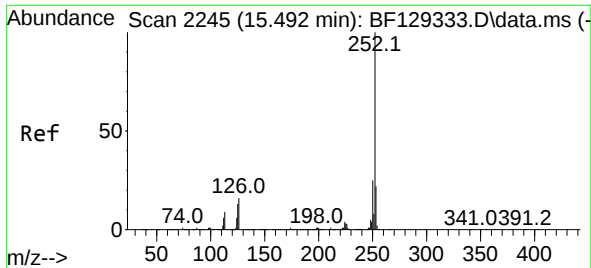
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#88
Benzo(b)fluoranthene
Concen: 3.720 ng m
RT: 15.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

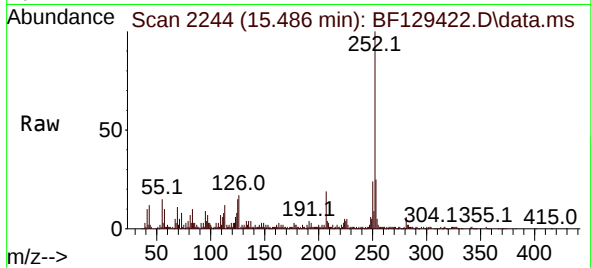
Tgt Ion:252 Resp: 90399
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 13.1 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.072 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Instrument :
BNA_F
ClientSampleId :
RVE-17



Tgt Ion:252 Resp: 6060
Ion Ratio Lower Upper
252 100
253 25.2 17.0 25.6
125 14.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

