

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129404.D
 Acq On : 28 Jul 2022 12:31
 Operator : CG\JU
 Sample : N3893-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-8

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 02:07:13 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	193811	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	760217	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	401465	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	632987	20.000	ng	0.00
76) Chrysene-d12	14.057	240	350710	20.000	ng	-0.01
86) Perylene-d12	15.551	264	385648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1347796	113.283	ng	0.02
7) Phenol-d6	6.522	99	1712253	114.497	ng	0.00
23) Nitrobenzene-d5	7.445	82	1068099	76.697	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	432719	112.110	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1900565	73.234	ng	0.00
79) Terphenyl-d14	13.004	244	1632005	87.791	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.627	202	129958	3.712	ng	99
78) Pyrene	12.857	202	139183	4.746	ng	99
81) Benzo(a)anthracene	14.045	228	64407m	2.688	ng	
83) Chrysene	14.086	228	66715	2.955	ng	97
88) Benzo(b)fluoranthene	15.110	252	96653m	3.778	ng	
90) Benzo(a)pyrene	15.486	252	74634	3.594	ng	98

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

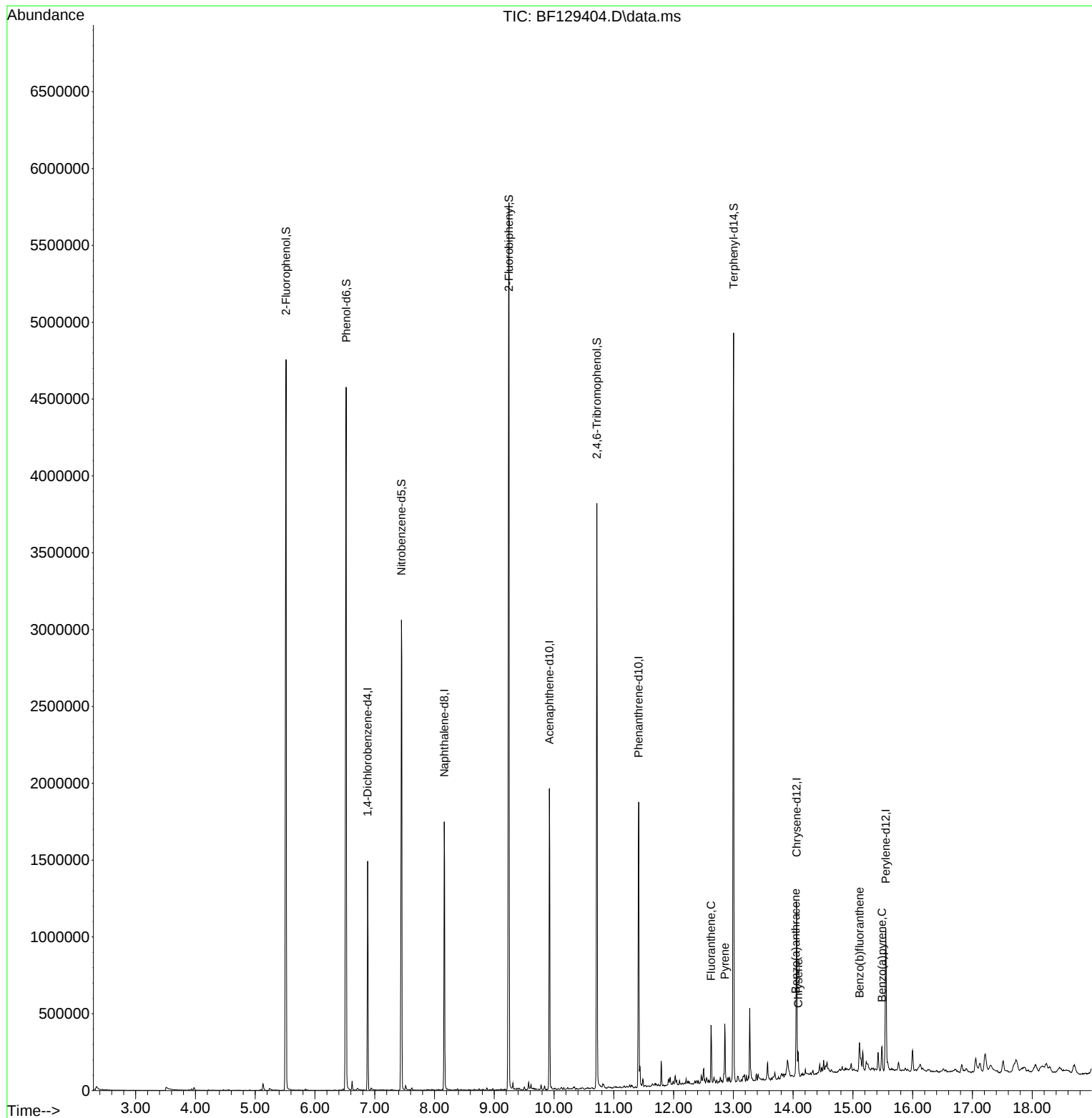
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129404.D
Acq On : 28 Jul 2022 12:31
Operator : CG\JU
Sample : N3893-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

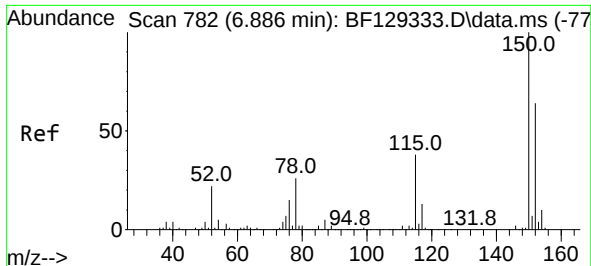
Instrument :
BNA_F
ClientSampleId :
RVE-8

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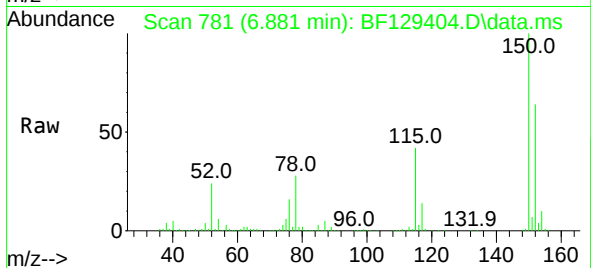
Quant Time: Jul 29 02:07:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 782
Delta R.T. -0.005 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

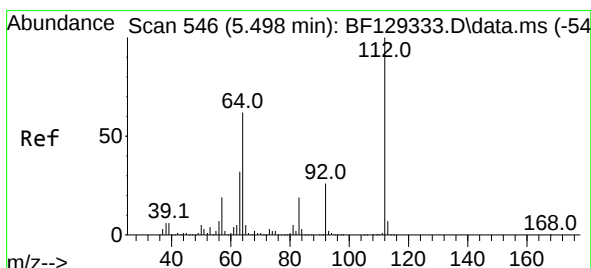
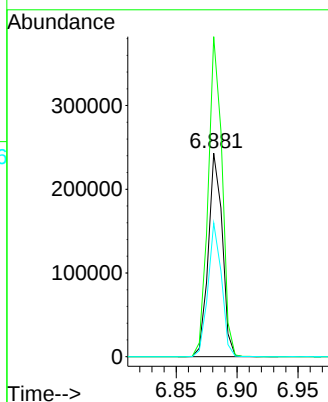
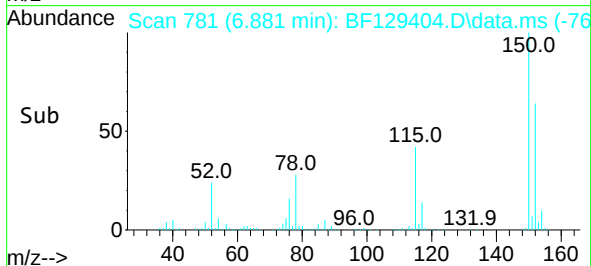
Instrument :
BNA_F
ClientSampleId :
RVE-8



Tgt Ion:152 Resp: 19381
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 65.8 49.9 74.9

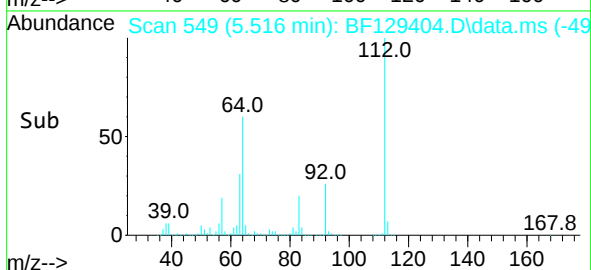
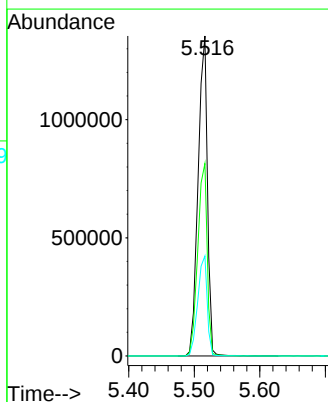
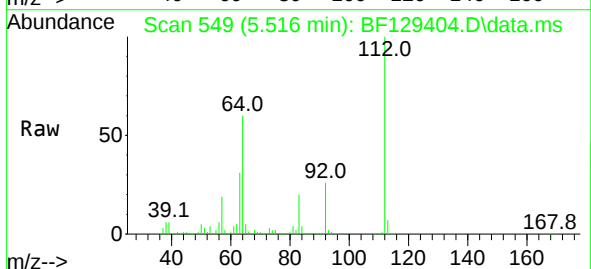
Manual Integrations
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Supervised By :Jagrut Upadhyay 07/29/2022



#5
2-Fluorophenol
Concen: 113.283 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

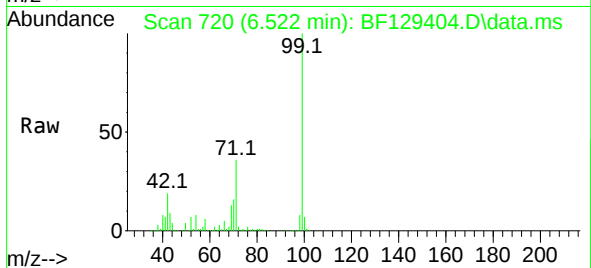
Tgt Ion:112 Resp: 1347796
Ion Ratio Lower Upper
112 100
64 60.1 53.3 79.9
63 31.3 28.0 42.0





#7
Phenol-d6
Concen: 114.497 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

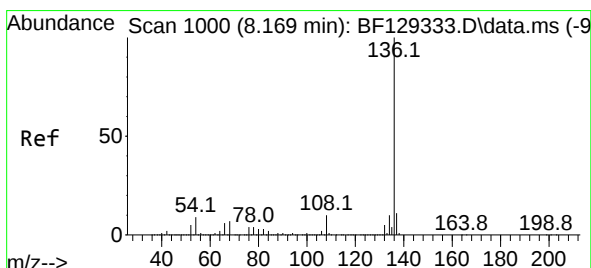
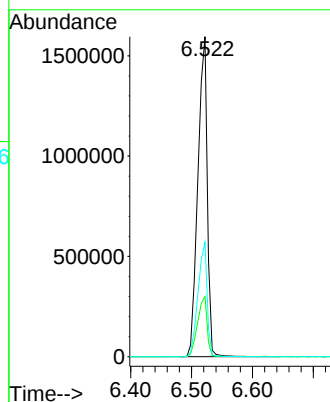
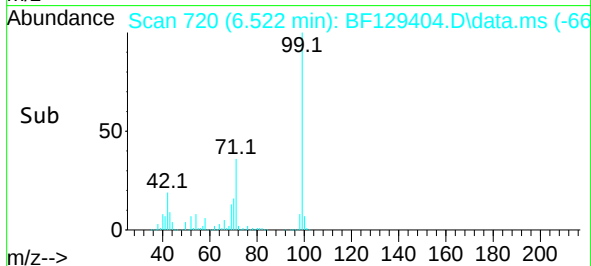
Instrument :
BNA_F
ClientSampleId :
RVE-8



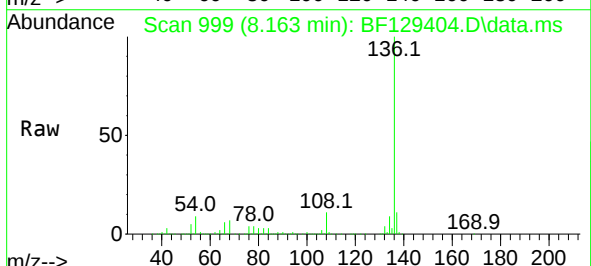
Tgt Ion: 99 Resp: 171225
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 35.8 28.9 43.3

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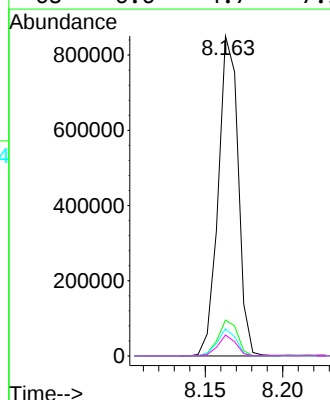
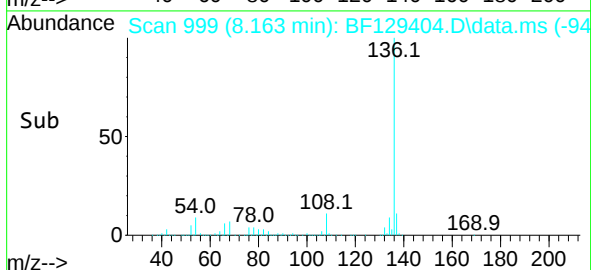
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31



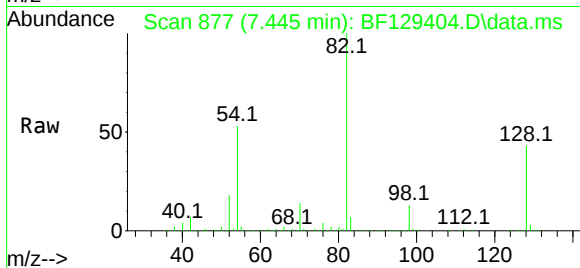
Tgt Ion:136 Resp: 760217
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.5 7.5 11.3
68 6.6 4.7 7.1





#23
Nitrobenzene-d5
Concen: 76.697 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

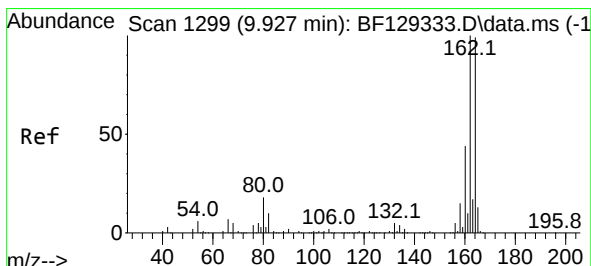
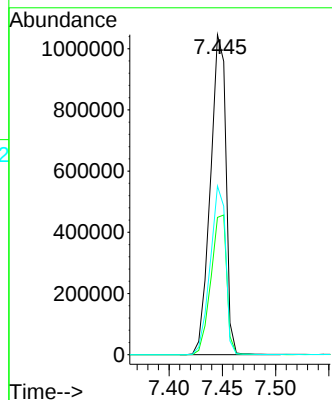
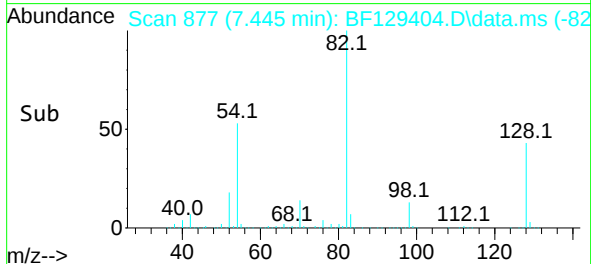
Instrument :
BNA_F
ClientSampleId :
RVE-8



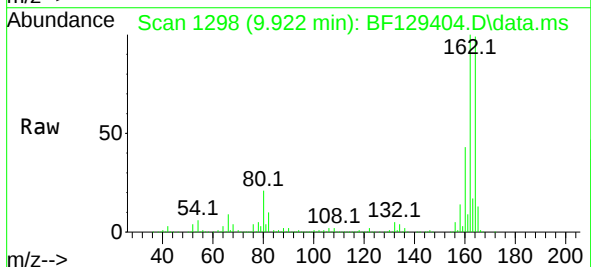
Tgt Ion: 82 Resp: 1068099
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 52.7 46.9 70.3

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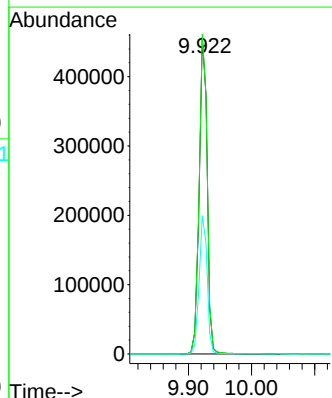
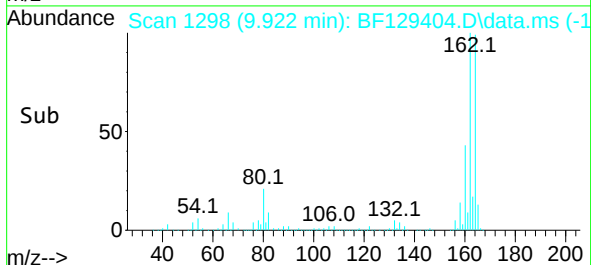
Reviewed By :Christian Giraldo 07/29/2022
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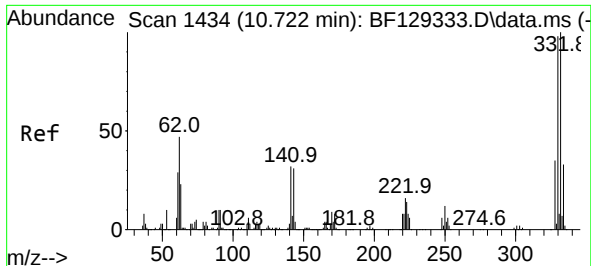


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31



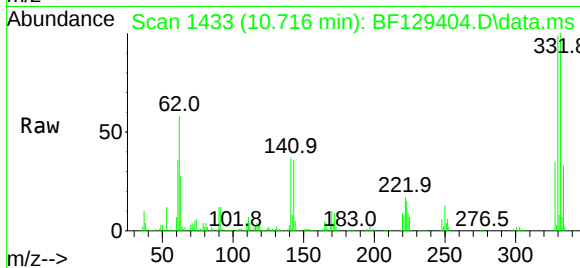
Tgt Ion:164 Resp: 401465
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 43.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 112.110 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

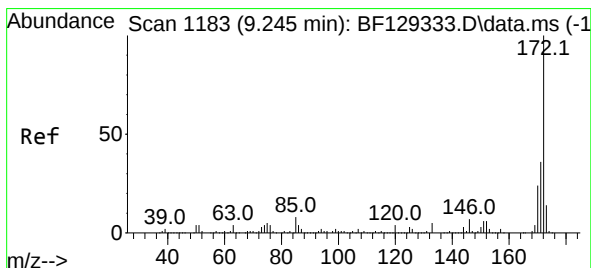
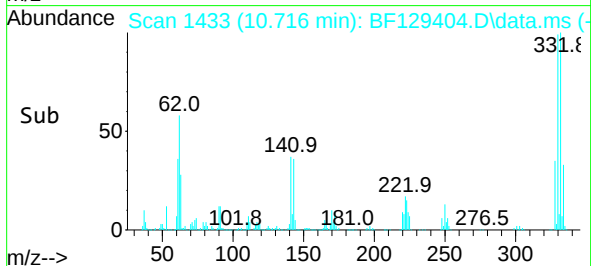
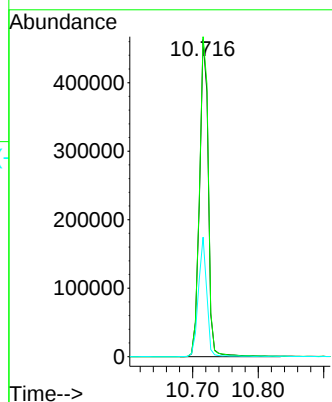
Instrument :
BNA_F
ClientSampleId :
RVE-8



Tgt Ion: 330 Resp: 432719
Ion Ratio Lower Upper
330 100
332 102.0 76.8 115.2
141 35.9 28.0 42.0

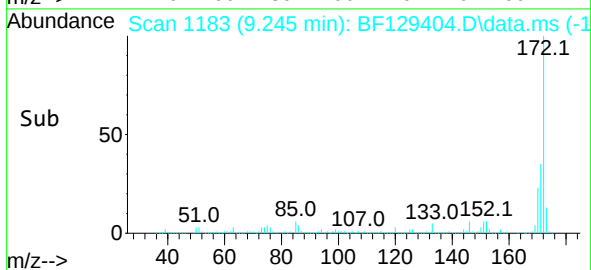
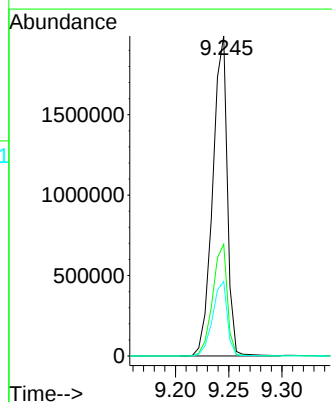
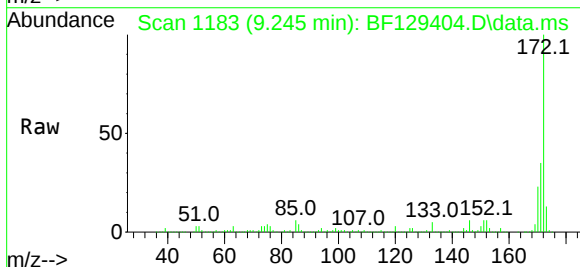
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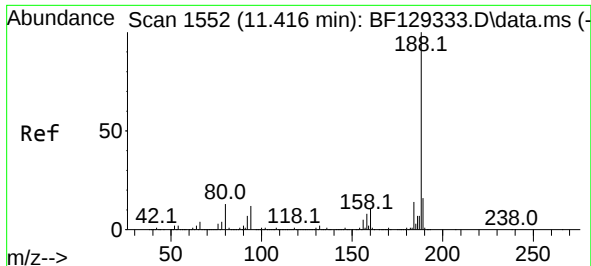
Reviewed By : Christian Giraldo 07/29/2022
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#45
2-Fluorobiphenyl
Concen: 73.234 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

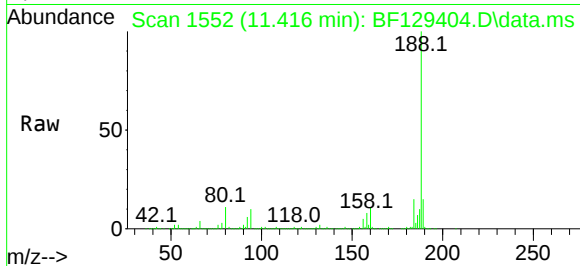
Tgt Ion: 172 Resp: 1900565
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.3 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

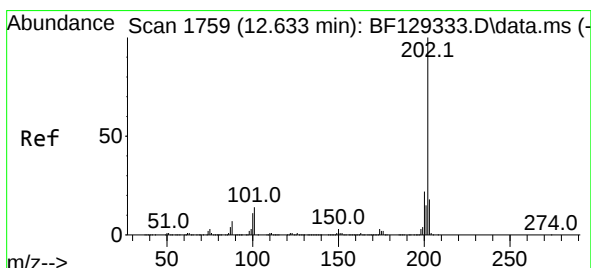
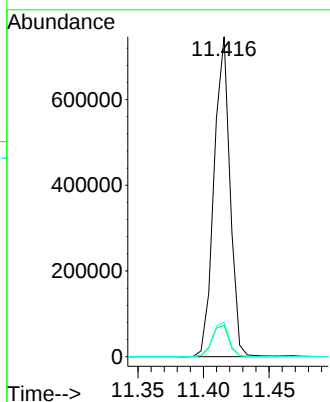
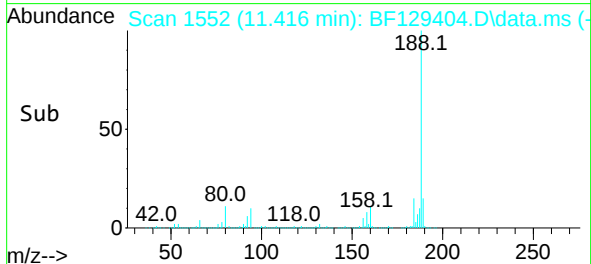
Instrument :
BNA_F
ClientSampleId :
RVE-8



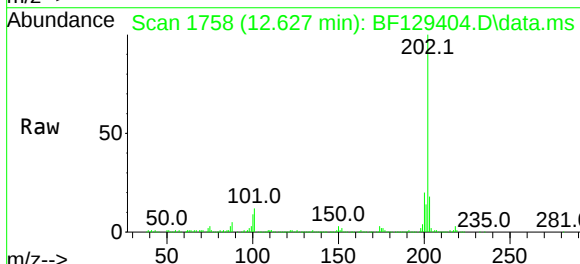
Tgt Ion:188 Resp: 63298
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.8 7.6 11.4

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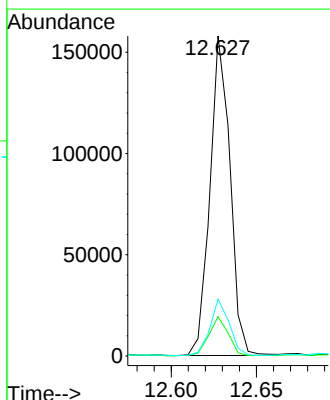
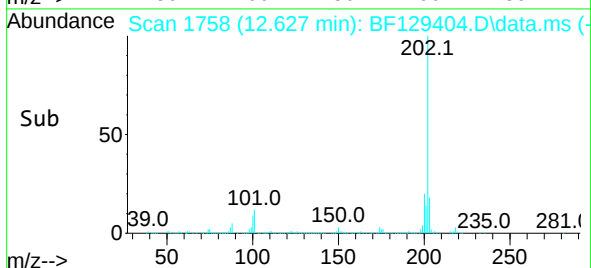
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

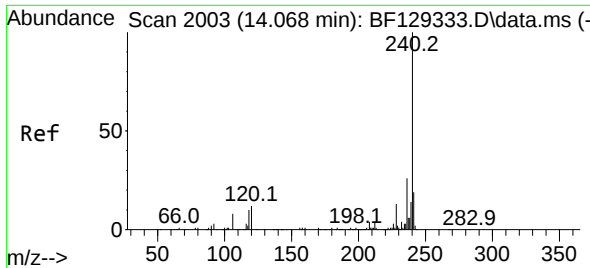


#75
Fluoranthene
Concen: 3.712 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31



Tgt Ion:202 Resp: 129958
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.4
203 17.8 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: BF129404.D
Acq: 28 Jul 2022 12:31

Instrument :

BNA_F

ClientSampleId :

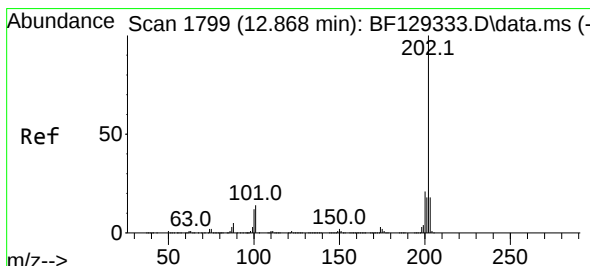
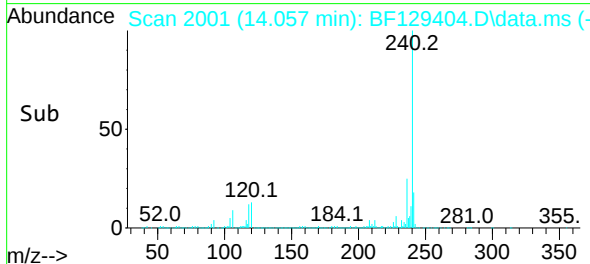
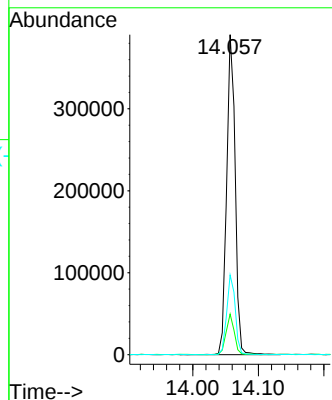
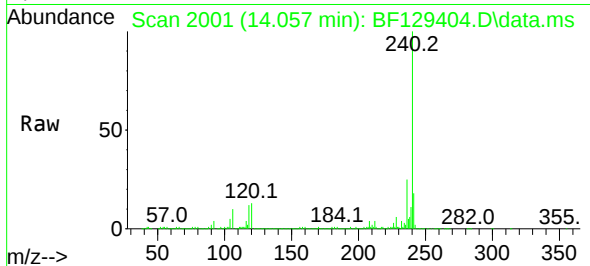
RVE-8

Tgt Ion:240 Resp: 350710
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 24.9 20.8 31.2

Manual Integrations

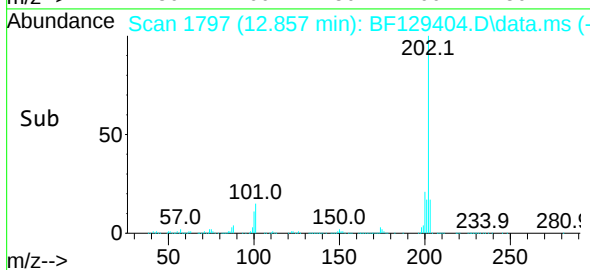
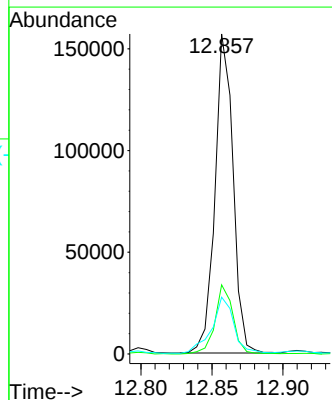
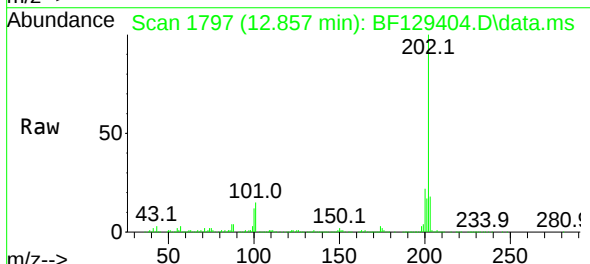
APPROVED

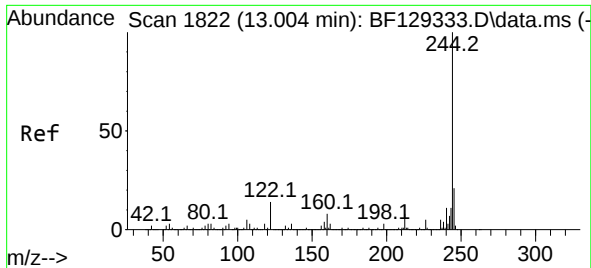
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#78
Pyrene
Concen: 4.746 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

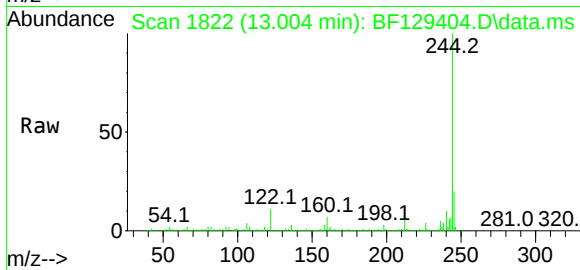
Tgt Ion:202 Resp: 139183
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 87.791 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129404.D
 Acq: 28 Jul 2022 12:31

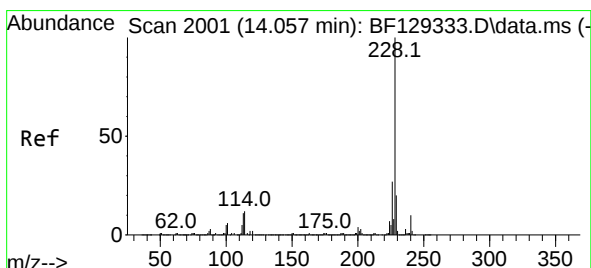
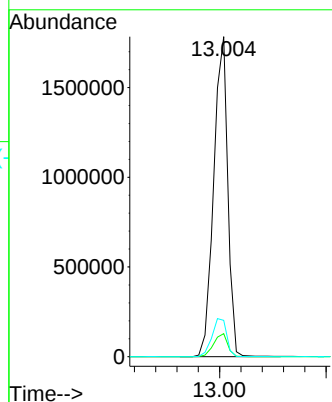
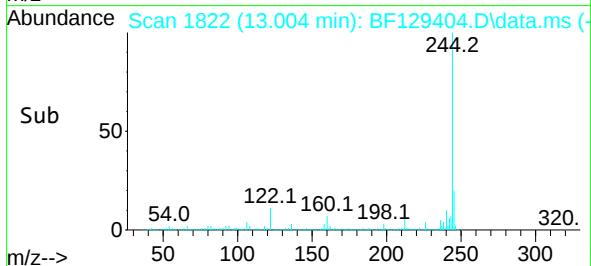
Instrument :
 BNA_F
 ClientSampleId :
 RVE-8



Tgt Ion:244 Resp: 163200
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 11.3 8.8 13.2

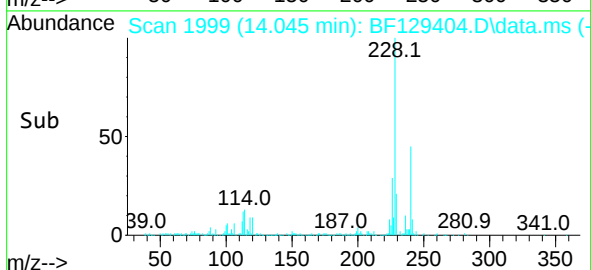
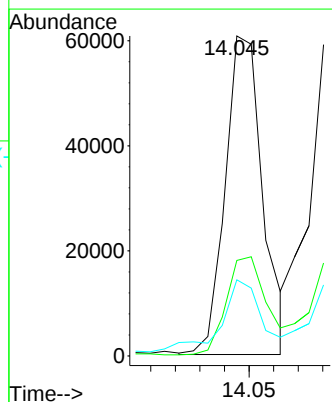
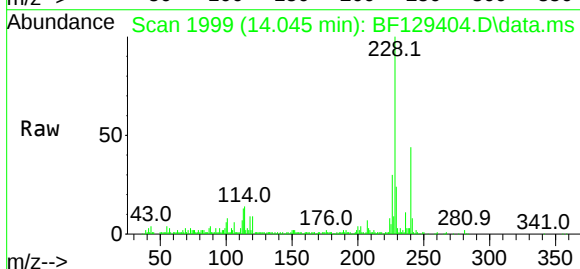
Manual Integrations
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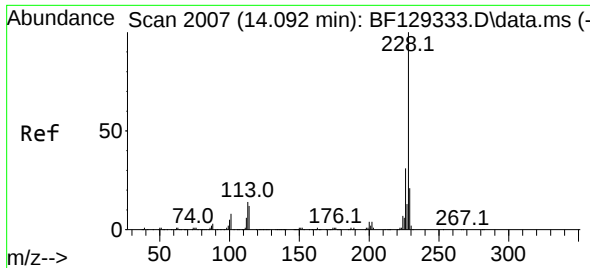
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#81
 Benzo(a)anthracene
 Concen: 2.688 ng m
 RT: 14.045 min Scan# 1999
 Delta R.T. -0.012 min
 Lab File: BF129404.D
 Acq: 28 Jul 2022 12:31

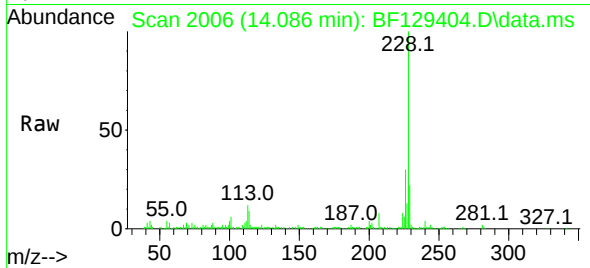
Tgt Ion:228 Resp: 64407
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.1 33.1
 229 23.8 15.8 23.8#





#83
Chrysene
Concen: 2.955 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

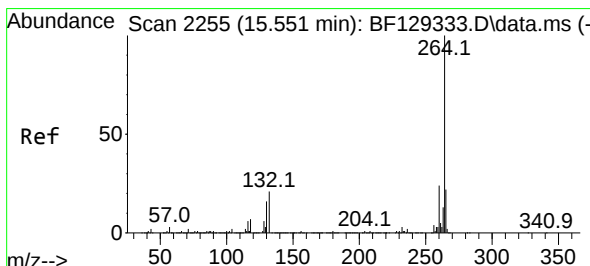
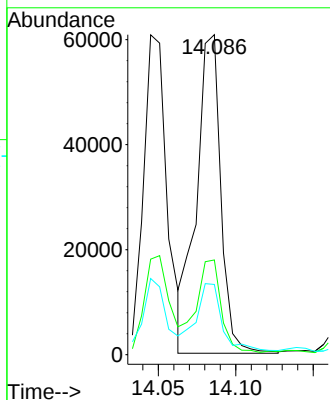
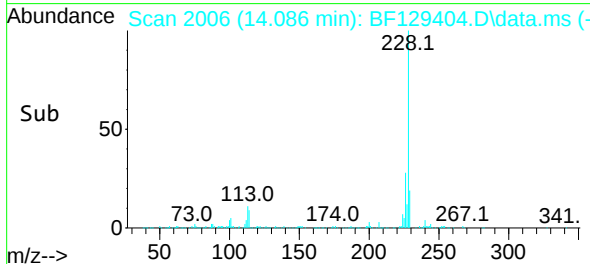
Instrument :
BNA_F
ClientSampleId :
RVE-8



Tgt Ion:228 Resp: 66715
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 21.9 15.9 23.9

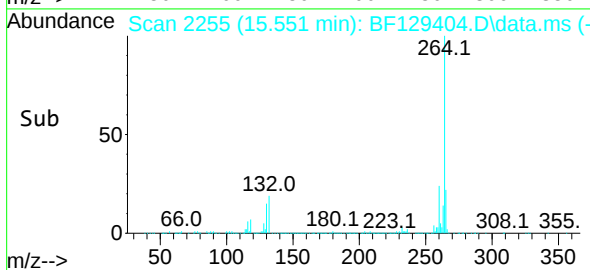
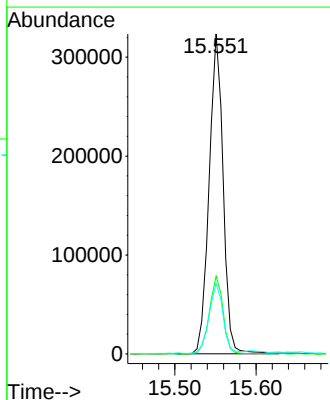
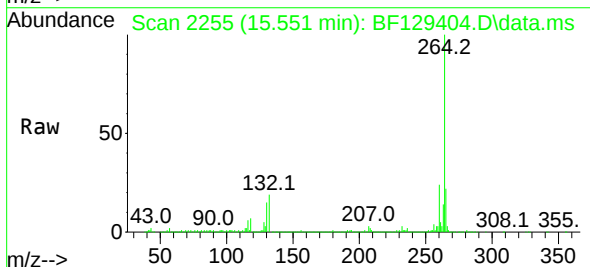
Manual Integrations
APPROVED

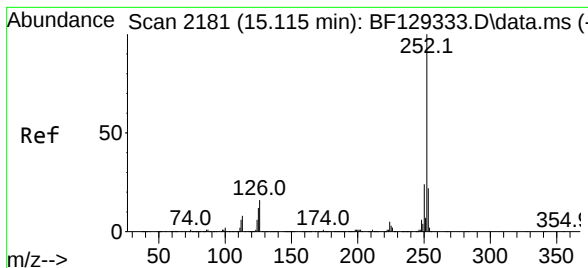
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF129404.D
Acq: 28 Jul 2022 12:31

Tgt Ion:264 Resp: 385648
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 22.0 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.778 ng m

RT: 15.110 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BF129404.D

Acq: 28 Jul 2022 12:31

Instrument :

BNA_F

ClientSampleId :

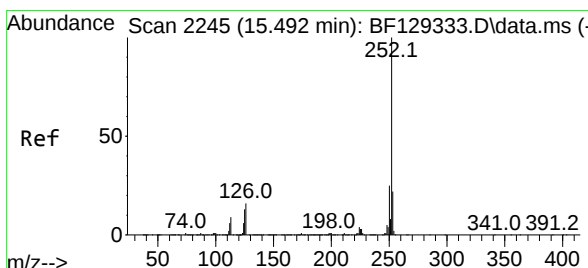
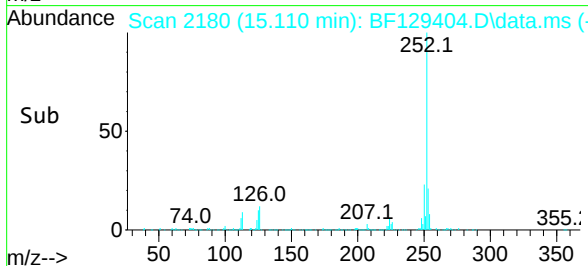
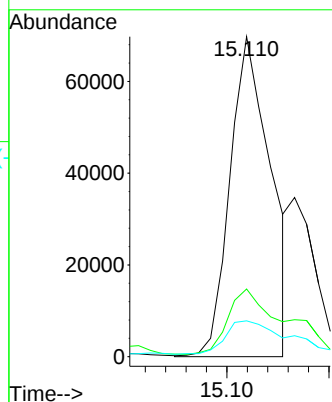
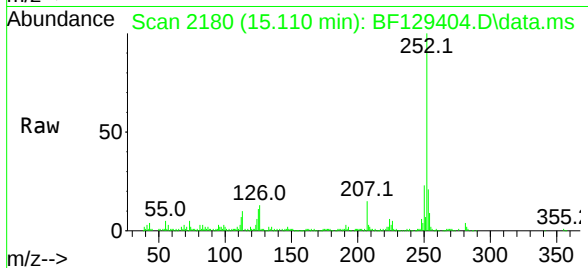
RVE-8

Tgt Ion:	252	Resp:	9665
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.7	26.5
125	11.2	8.0	12.0

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 3.594 ng

RT: 15.486 min Scan# 2244

Delta R.T. -0.006 min

Lab File: BF129404.D

Acq: 28 Jul 2022 12:31

Tgt Ion:	252	Resp:	74634
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	12.9	8.8	13.2

