

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129437.D
 Acq On : 29 Jul 2022 12:24
 Operator : CG\JU
 Sample : N3893-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-15

Quant Time: Jul 29 18:20:07 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 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	182884	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	742438	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	390196	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	610484	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	368319	20.000	ng	0.00
86) Perylene-d12	15.563	264	379500	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1050963	93.612	ng	0.02
7) Phenol-d6	6.522	99	1353895	95.943	ng	0.00
23) Nitrobenzene-d5	7.451	82	837986	61.614	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	339811	90.581	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1501830	59.541	ng	0.00
79) Terphenyl-d14	13.004	244	1298649	66.519	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.633	202	87461	2.590	ng	99
78) Pyrene	12.863	202	142108	4.614	ng	97
83) Chrysene	14.092	228	63118	2.662	ng	99
88) Benzo(b)fluoranthene	15.116	252	73593m	2.923	ng	
90) Benzo(a)pyrene	15.492	252	55632	2.722	ng	95

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

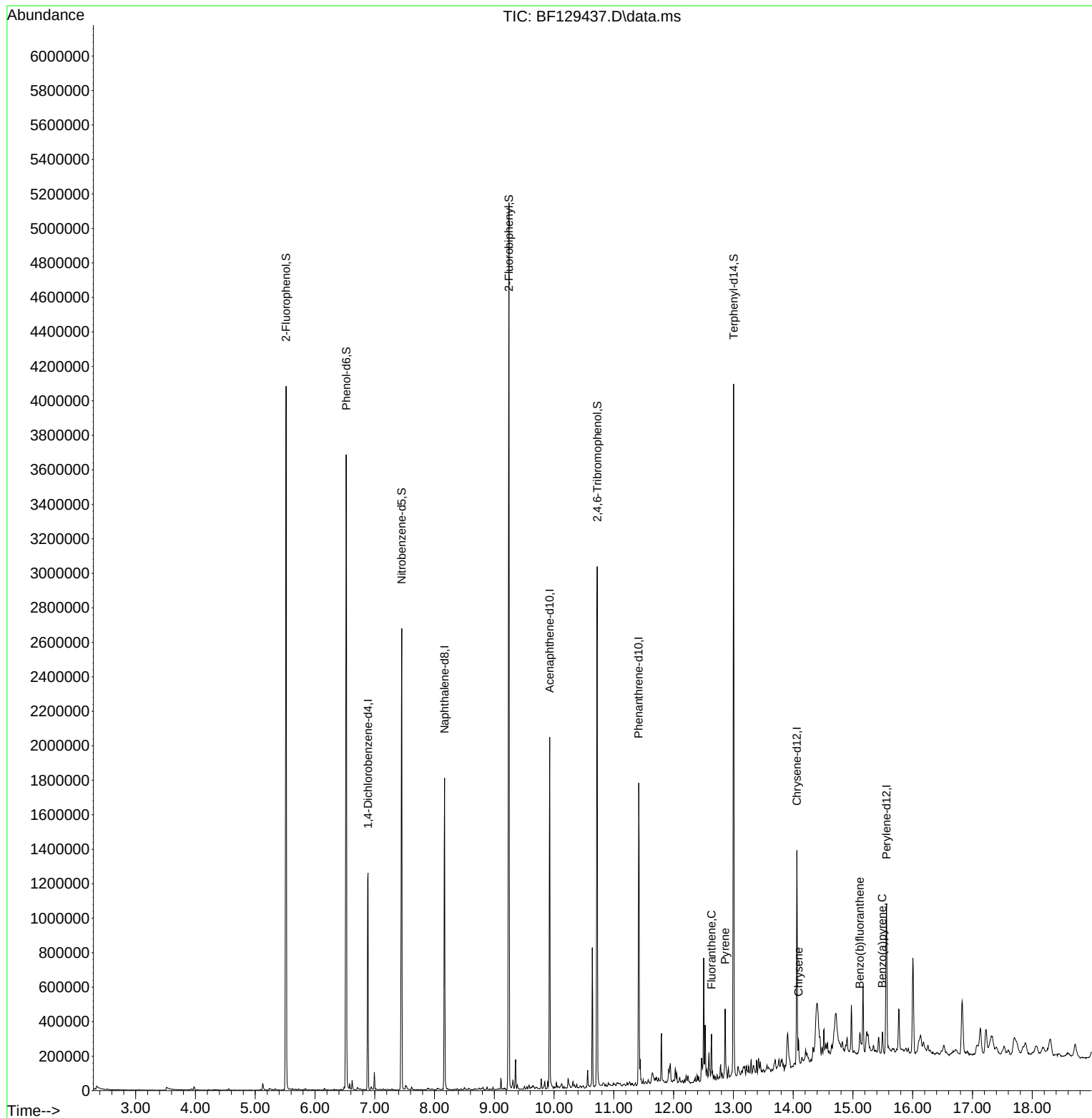
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129437.D
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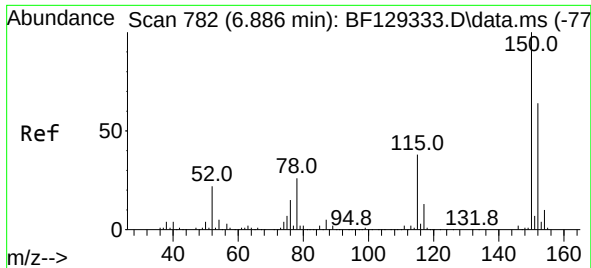
Instrument :
BNA_F
ClientSampleId :
RVE-15

Quant Time: Jul 29 18:20:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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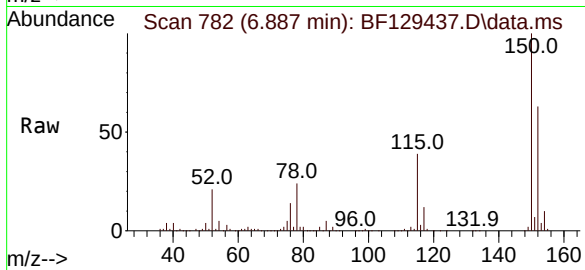
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

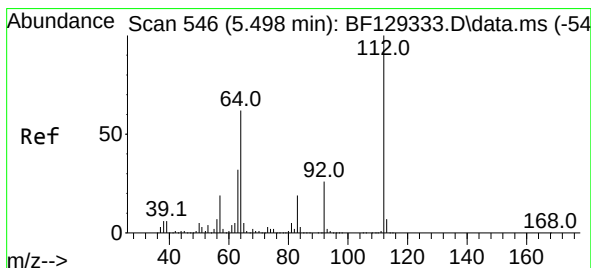
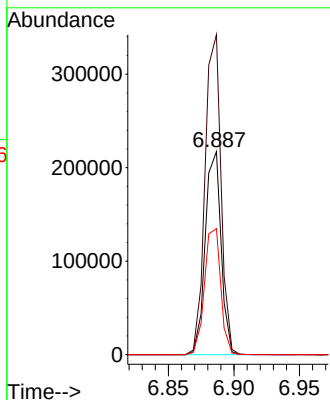
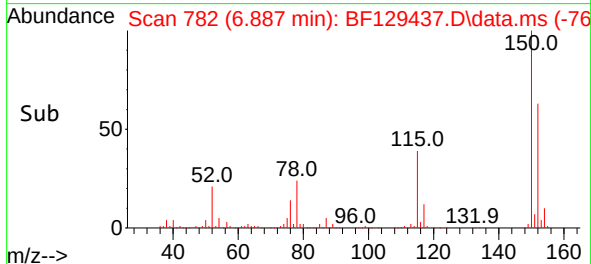
Instrument :
BNA_F
ClientSampleId :
RVE-15



Tgt Ion:152 Resp: 182884
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 62.1 49.9 74.9

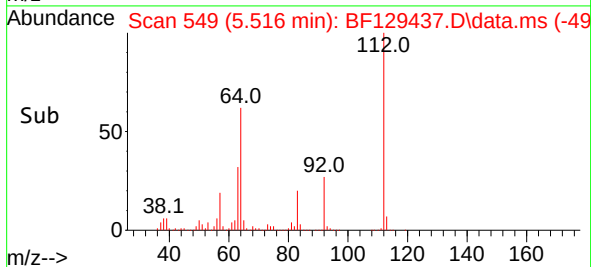
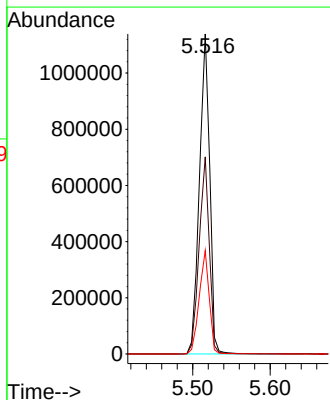
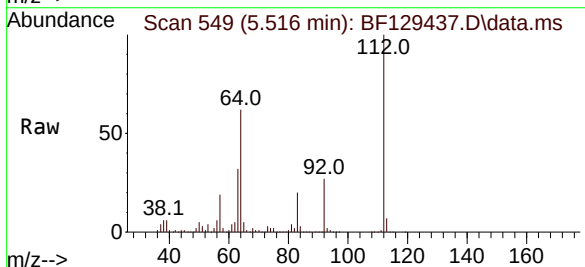
Manual Integrations
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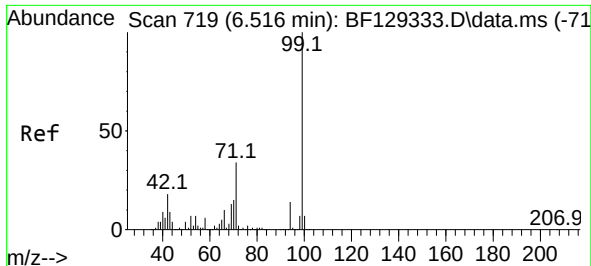
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#5
2-Fluorophenol
Concen: 93.612 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

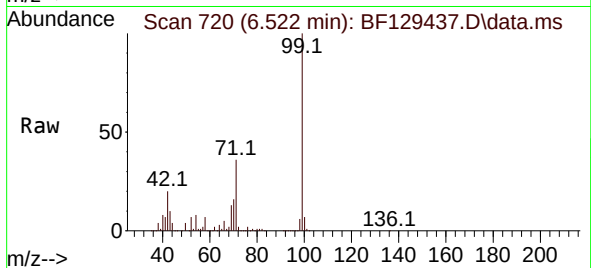
Tgt Ion:112 Resp: 1050963
Ion Ratio Lower Upper
112 100
64 61.6 53.3 79.9
63 32.3 28.0 42.0





#7
Phenol-d6
Concen: 95.943 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

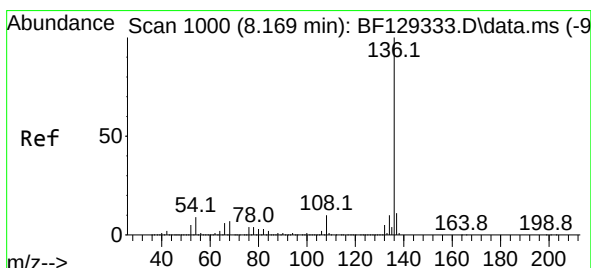
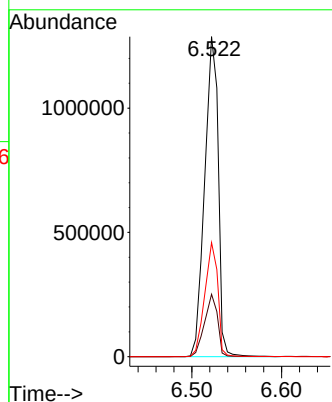
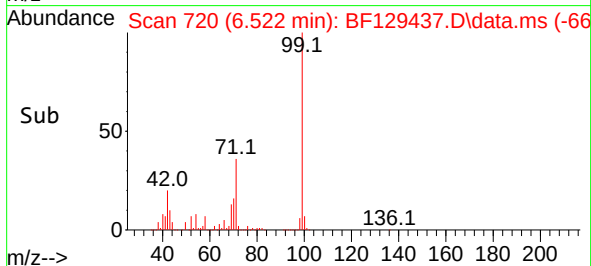
Instrument :
BNA_F
ClientSampleId :
RVE-15



Tgt Ion: 99 Resp: 135389
Ion Ratio Lower Upper
99 100
42 19.5 17.3 25.9
71 35.7 28.9 43.3

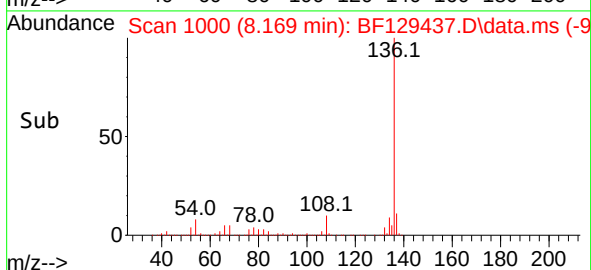
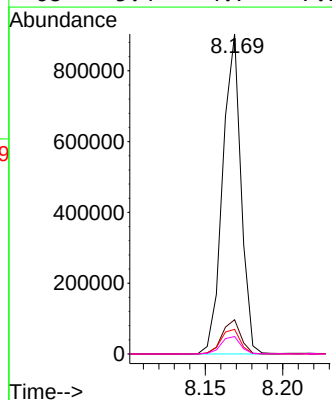
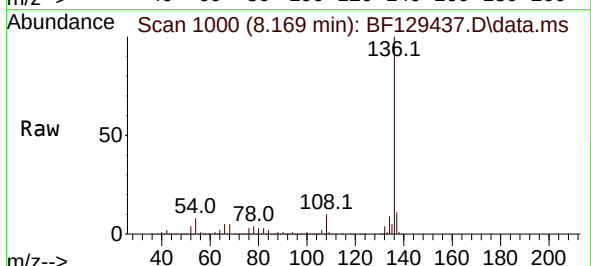
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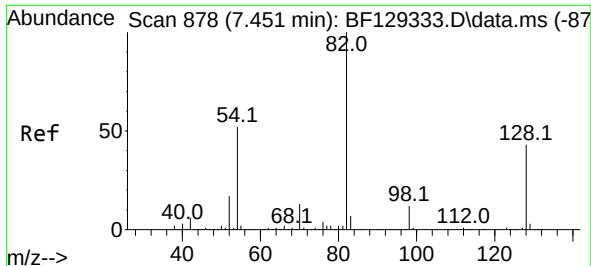
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

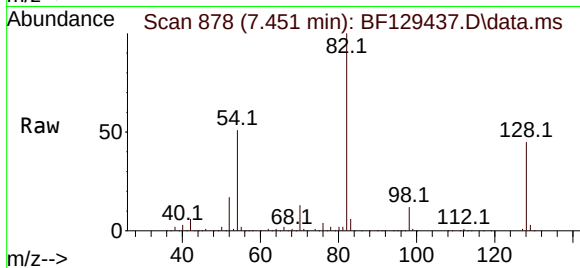
Tgt Ion:136 Resp: 742438
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 7.5 11.3
68 5.4 4.7 7.1





#23
Nitrobenzene-d5
Concen: 61.614 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

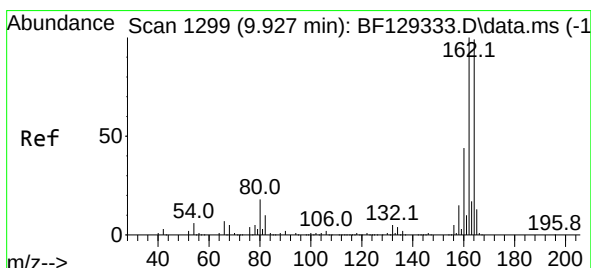
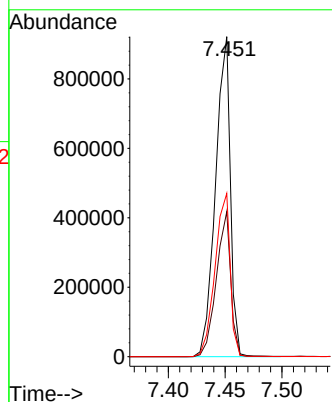
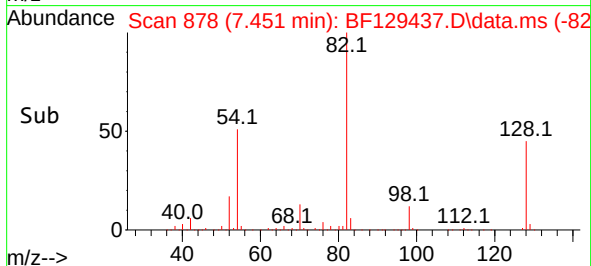
Instrument :
BNA_F
ClientSampleId :
RVE-15



Tgt Ion: 82 Resp: 837980
Ion Ratio Lower Upper
82 100
128 45.3 34.0 51.0
54 51.0 46.9 70.3

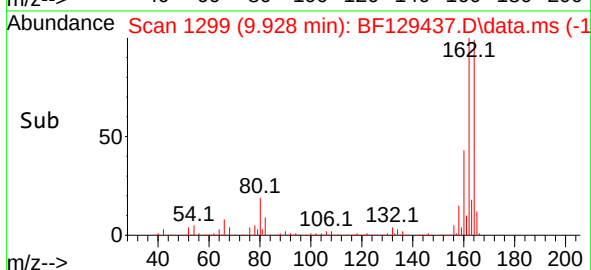
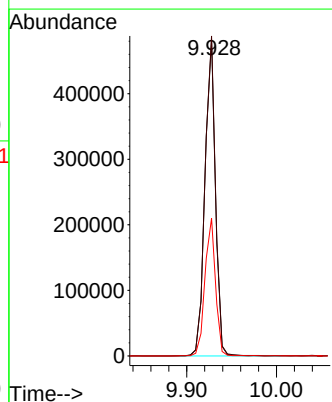
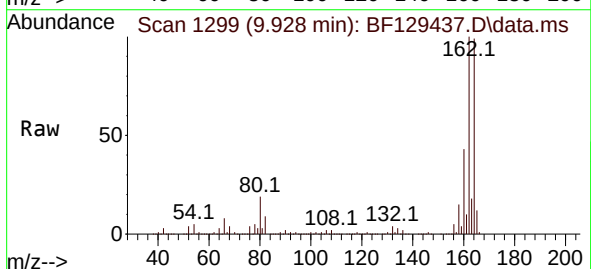
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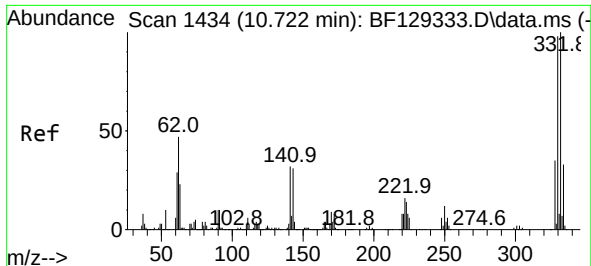
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion:164 Resp: 390196
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 43.5 34.2 51.4





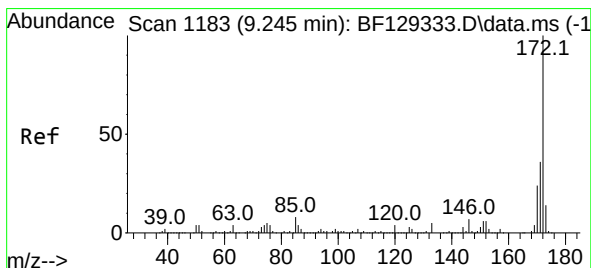
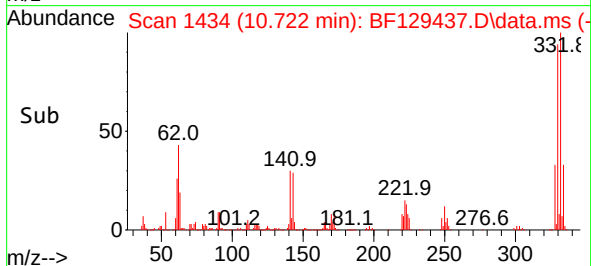
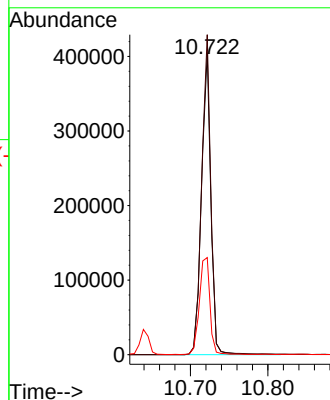
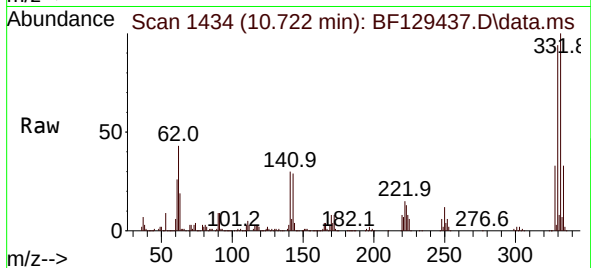
#42
2,4,6-Tribromophenol
Concen: 90.581 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Instrument :
BNA_F
ClientSampleId :
RVE-15

Tgt Ion: 330 Resp: 33981
Ion Ratio Lower Upper
330 100
332 103.4 76.8 115.2
141 36.3 28.0 42.0

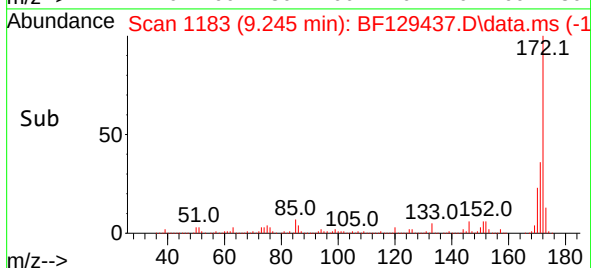
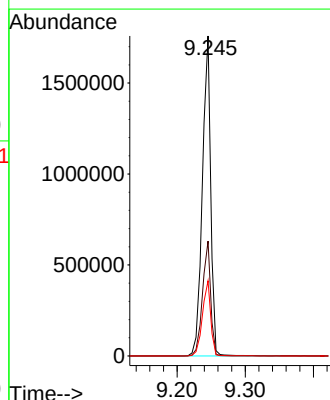
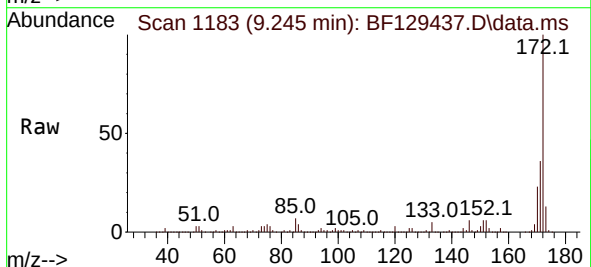
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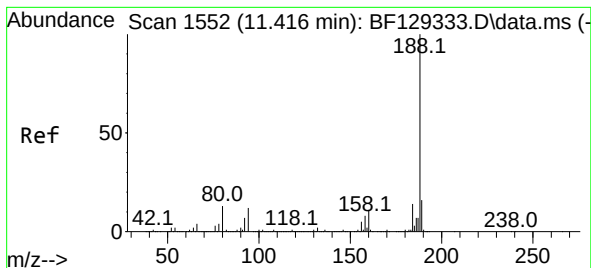
Reviewed By : Christian Giraldo 08/01/2022
Supervised By : Jagrut Upadhyay 08/01/2022



#45
2-Fluorobiphenyl
Concen: 59.541 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

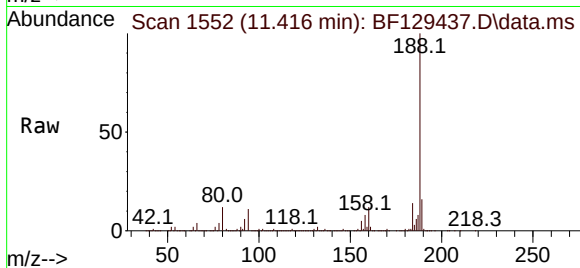
Tgt Ion: 172 Resp: 1501830
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.5 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

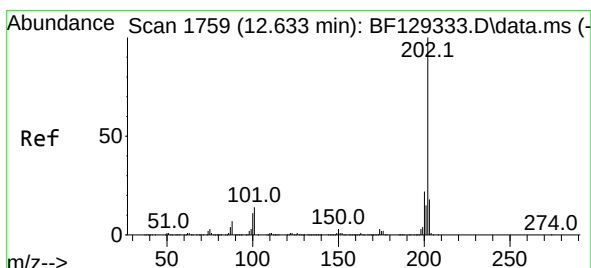
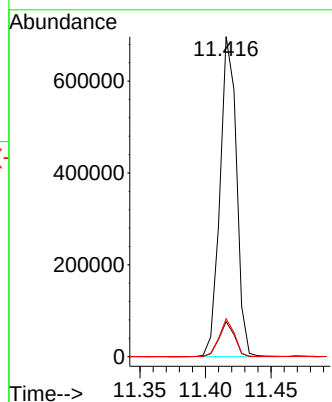
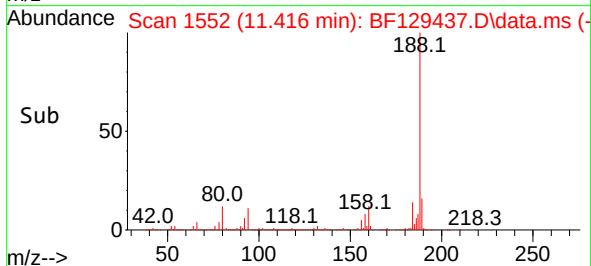
Instrument :
BNA_F
ClientSampleId :
RVE-15



Tgt Ion:188 Resp: 610484
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6
80 11.8 7.6 11.4

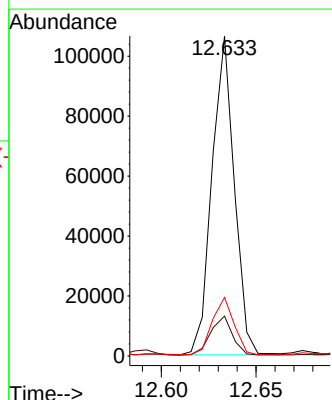
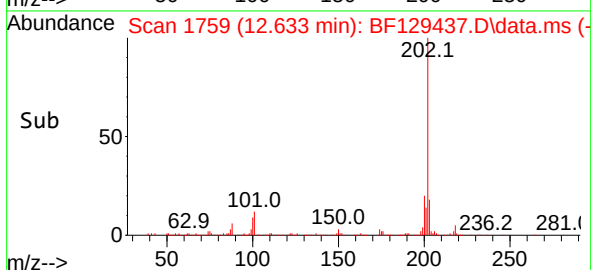
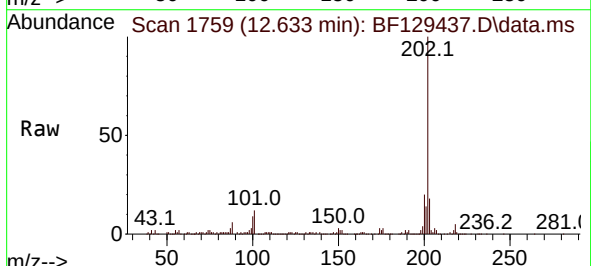
Manual Integrations
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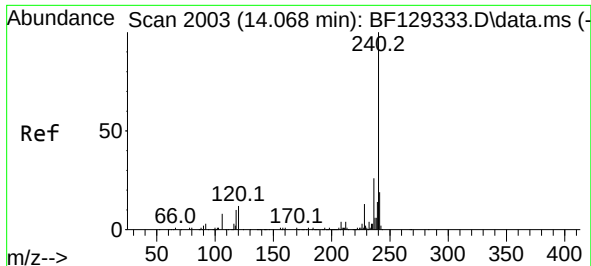
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#75
Fluoranthene
Concen: 2.590 ng
RT: 12.633 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

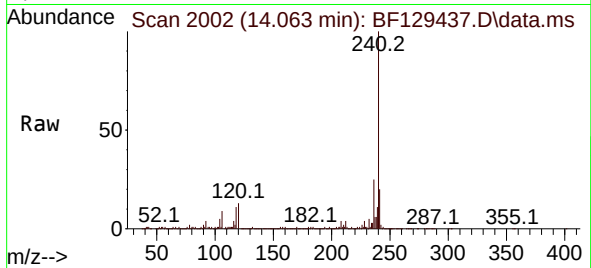
Tgt Ion:202 Resp: 87461
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 18.3 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

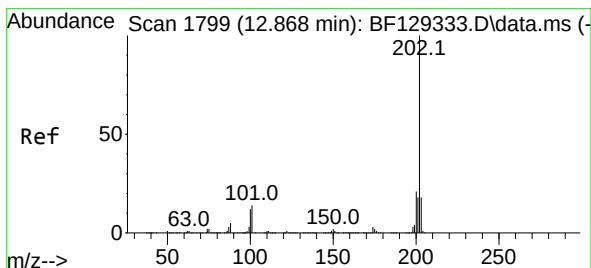
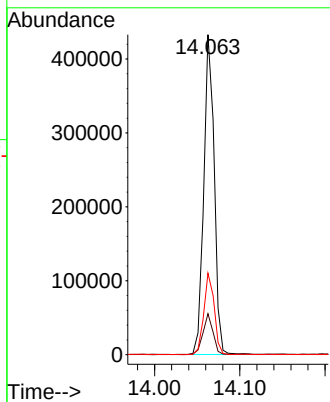
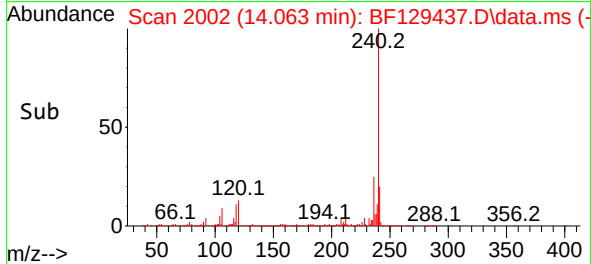
Instrument :
BNA_F
ClientSampleId :
RVE-15



Tgt Ion:240 Resp: 368319
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.5 20.8 31.2

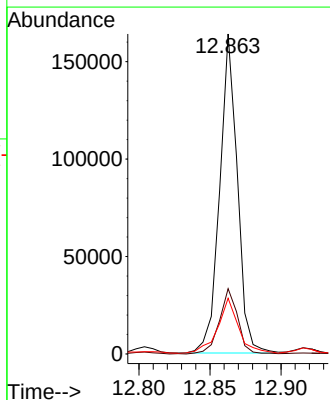
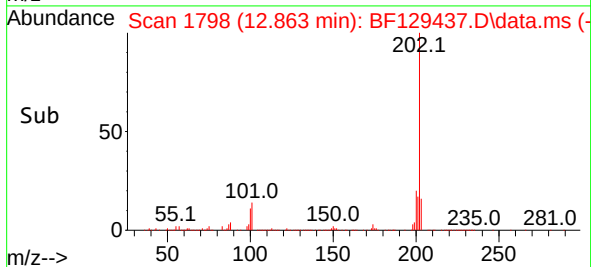
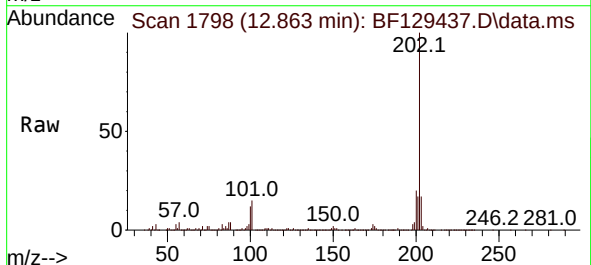
Manual Integrations
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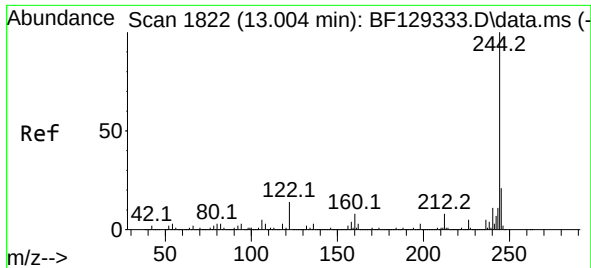
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#78
Pyrene
Concen: 4.614 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

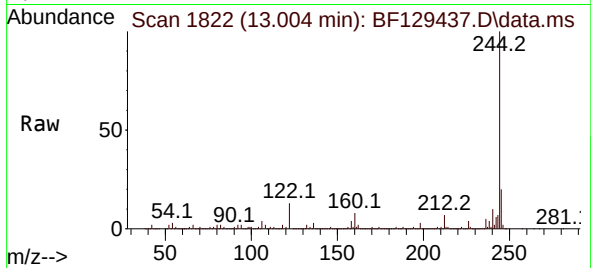
Tgt Ion:202 Resp: 142108
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.4 14.6 21.8





#79
Terphenyl-d14
Concen: 66.519 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

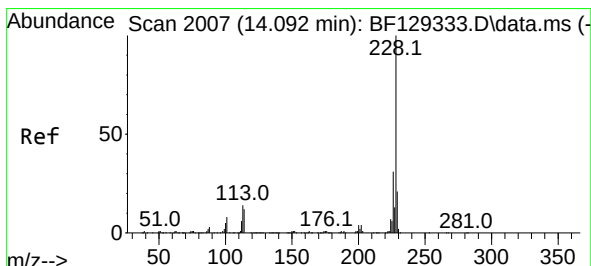
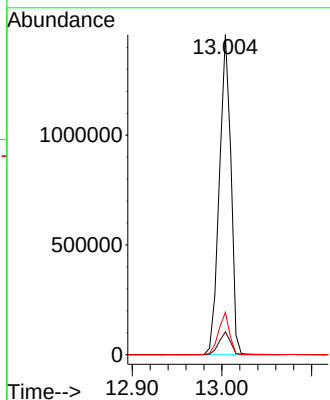
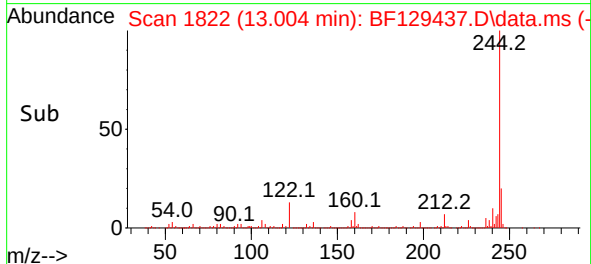
Instrument :
BNA_F
ClientSampleId :
RVE-15



Tgt Ion:244 Resp: 1298649
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.2 8.8 13.2

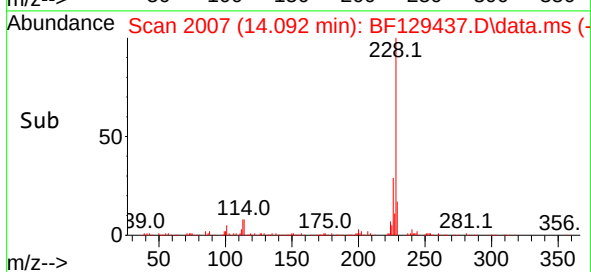
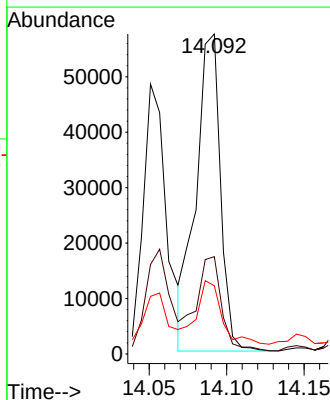
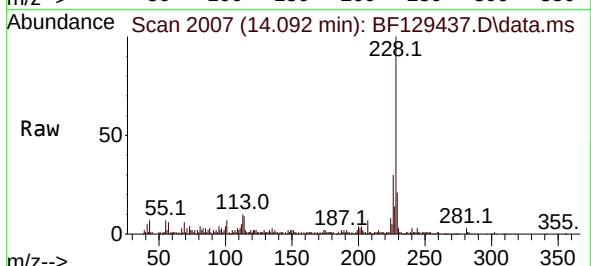
Manual Integrations
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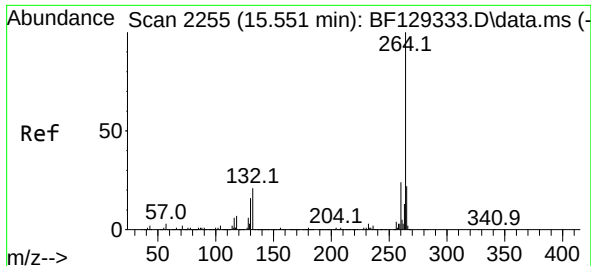
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#83
Chrysene
Concen: 2.662 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

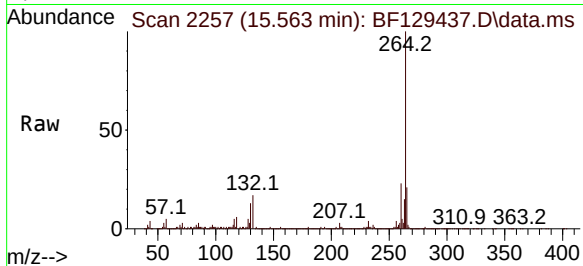
Tgt Ion:228 Resp: 63118
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.3 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

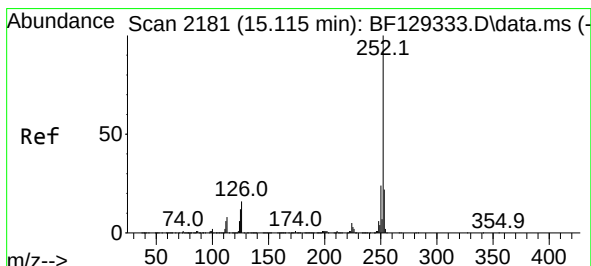
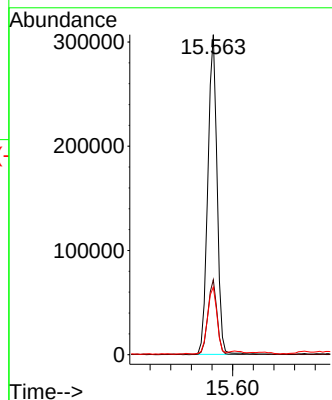
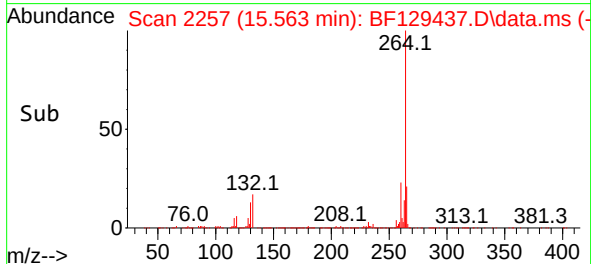
Instrument :
BNA_F
ClientSampleId :
RVE-15



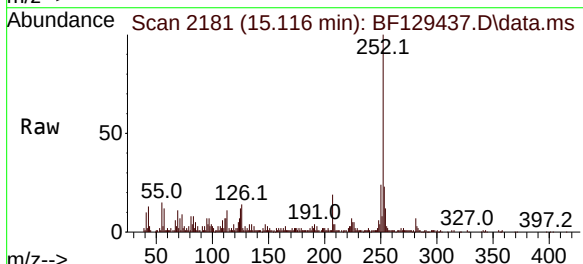
Tgt Ion:264 Resp: 379500
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.1 17.2 25.8

Manual Integrations
APPROVED

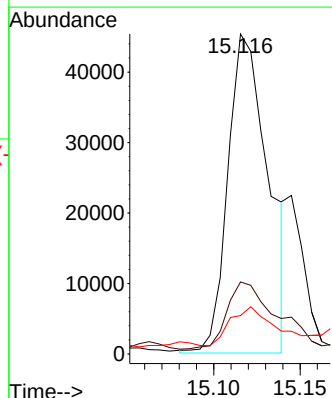
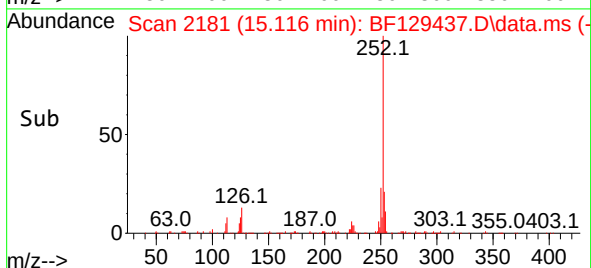
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

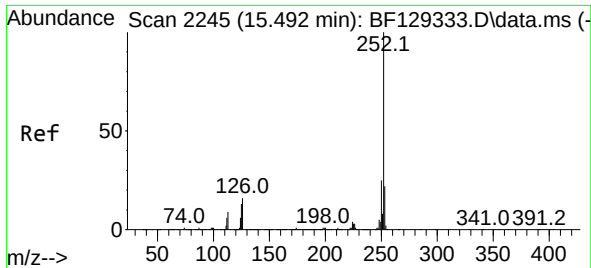


#88
Benzo(b)fluoranthene
Concen: 2.923 ng m
RT: 15.116 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24



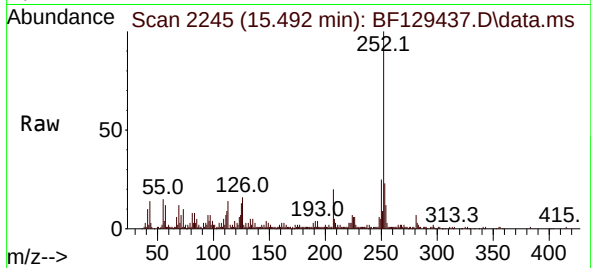
Tgt Ion:252 Resp: 73593
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.0 8.0 12.0





#90
Benzo(a)pyrene
Concen: 2.722 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Instrument :
BNA_F
ClientSampleId :
RVE-15



Tgt Ion:	252	Resp:	5563
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	13.0	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

