

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129523.D
 Acq On : 02 Aug 2022 23:47
 Operator : CG\JU
 Sample : N3927-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-89

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022
 Supervised By : Jagrut Upadhyay 08/03/2022

Quant Time: Aug 03 01:48:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	158415	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	561677	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	248059	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	363690	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	263165	20.000	ng	0.00
86) Perylene-d12	15.539	264	197094	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1033560	106.282	ng	0.01
7) Phenol-d6	6.522	99	1264026	103.411	ng	0.00
23) Nitrobenzene-d5	7.440	82	789388	76.719	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	243458	102.083	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1292959	80.632	ng	0.00
79) Terphenyl-d14	12.992	244	1132388	81.179	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.622	202	77536	3.855	ng	99
78) Pyrene	12.851	202	110482	5.020	ng	98
83) Chrysene	14.074	228	46621	2.752	ng	97
88) Benzo(b)fluoranthene	15.098	252	44450m	3.400	ng	
90) Benzo(a)pyrene	15.474	252	28431	2.679	ng	# 86

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

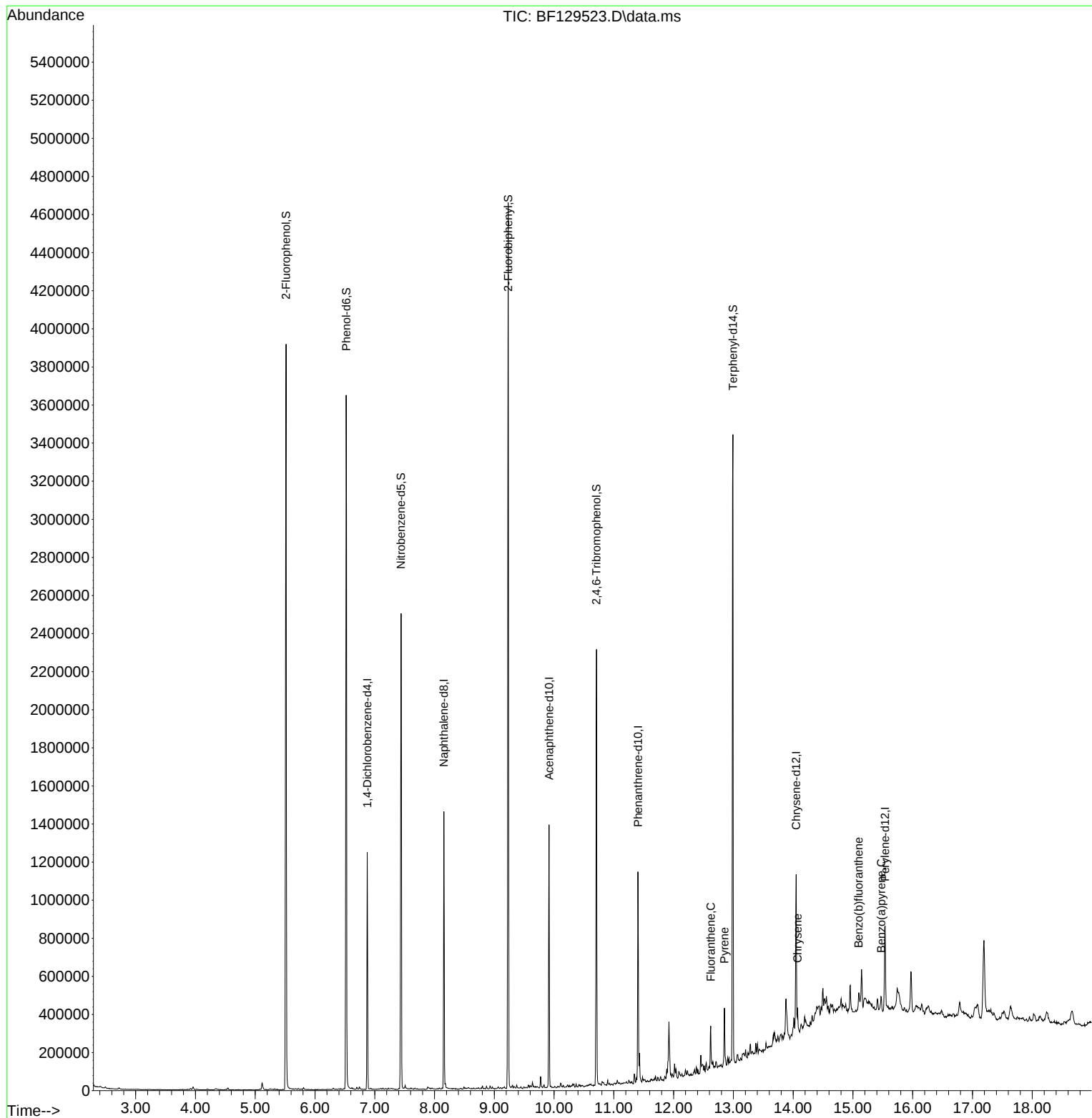
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129523.D
Acq On : 02 Aug 2022 23:47
Operator : CG\JU
Sample : N3927-16
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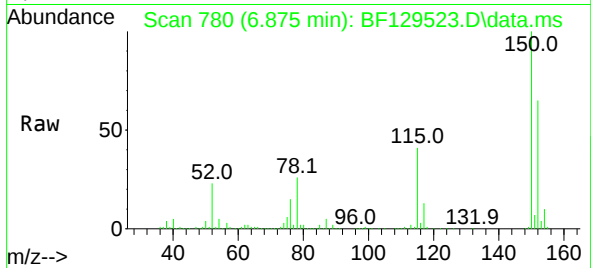
Quant Time: Aug 03 01:48:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

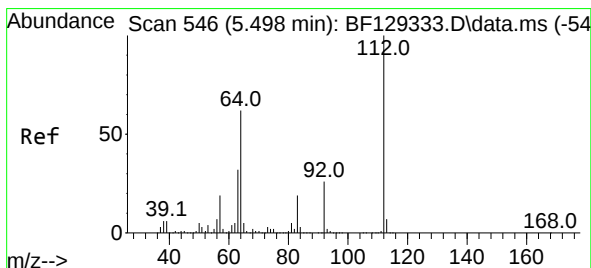
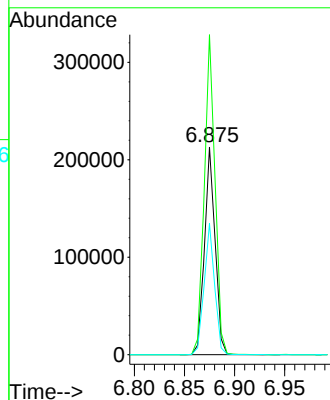
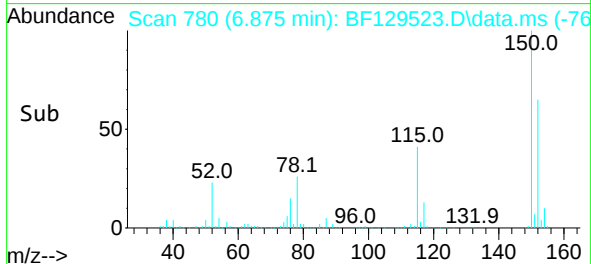
Instrument :
BNA_F
ClientSampleId :
RVE-89



Tgt Ion:152 Resp: 15841
Ion Ratio Lower Upper
152 100
150 154.1 123.7 185.5
115 63.2 49.9 74.9

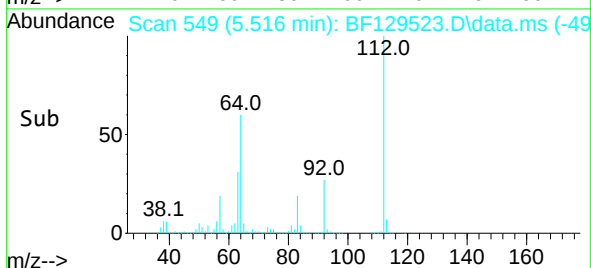
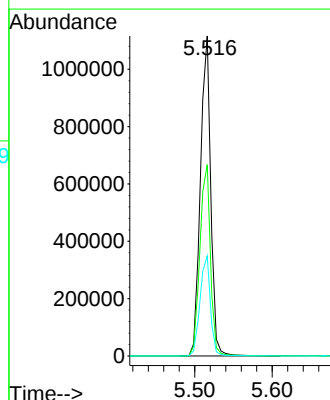
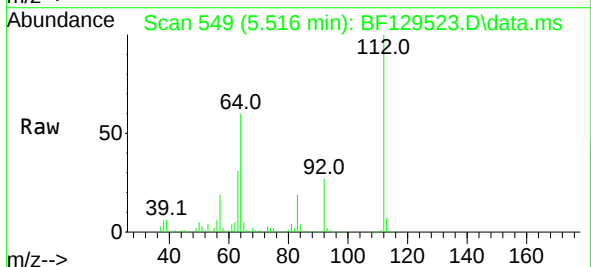
Manual Integrations
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Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#5
2-Fluorophenol
Concen: 106.282 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

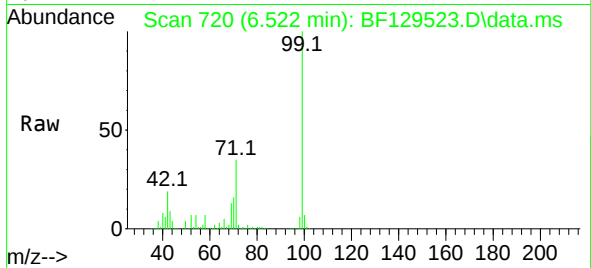
Tgt Ion:112 Resp: 1033560
Ion Ratio Lower Upper
112 100
64 59.8 53.3 79.9
63 31.2 28.0 42.0





#7
Phenol-d6
Concen: 103.411 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

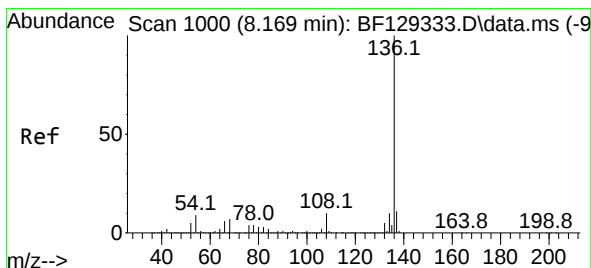
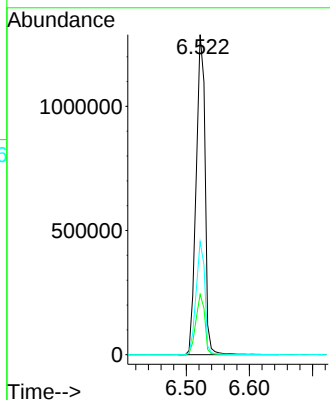
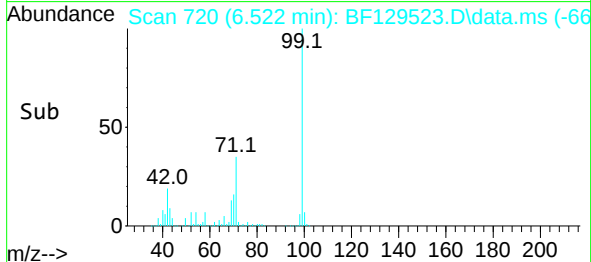
Instrument :
BNA_F
ClientSampleId :
RVE-89



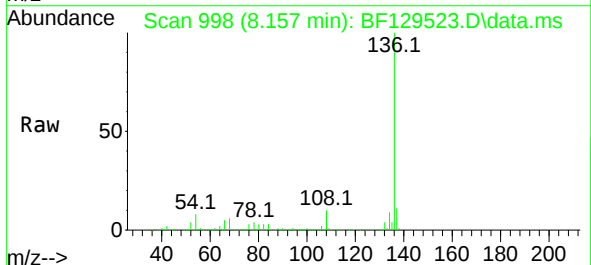
Tgt Ion: 99 Resp: 1264020
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.4 28.9 43.3

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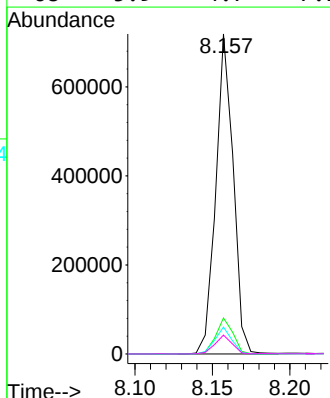
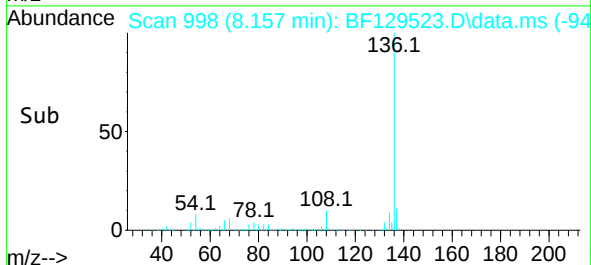
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47



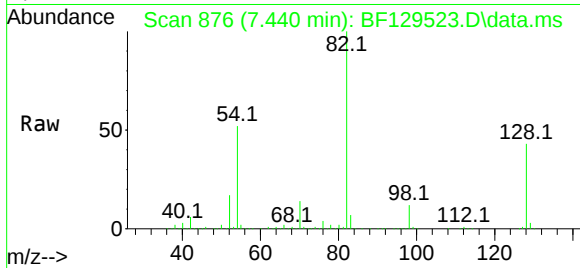
Tgt Ion:136 Resp: 561677
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 76.719 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

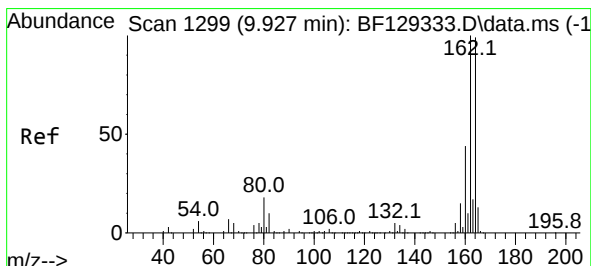
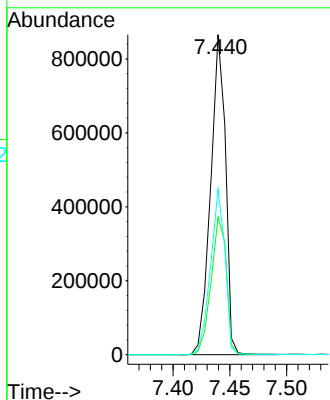
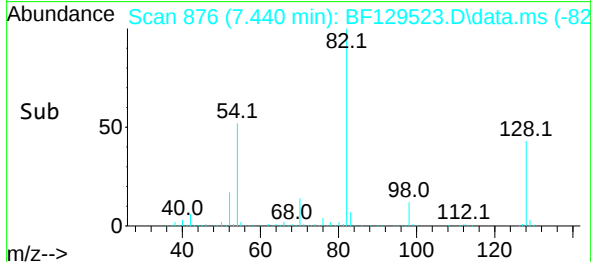
Instrument :
BNA_F
ClientSampleId :
RVE-89



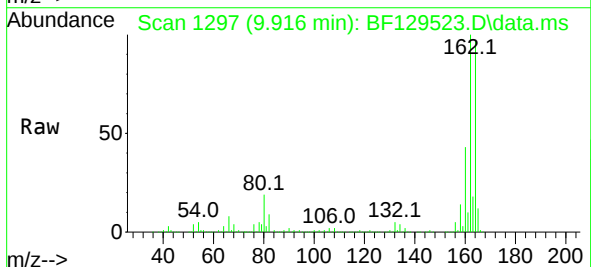
Tgt Ion: 82 Resp: 78938
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 51.8 46.9 70.3

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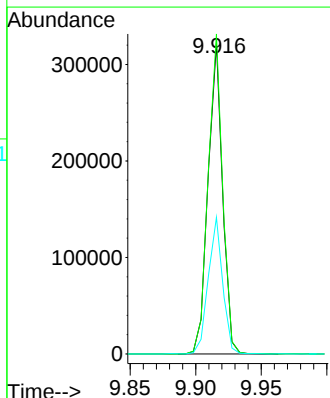
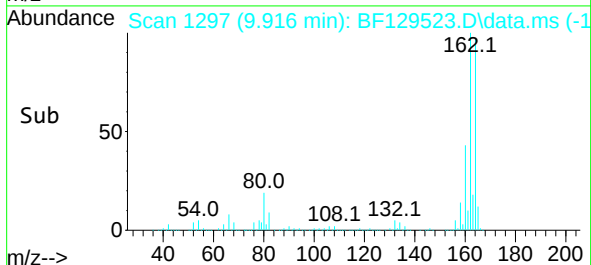
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

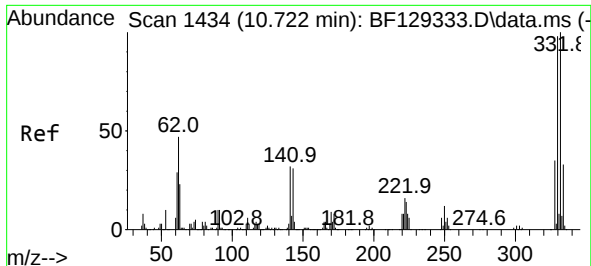


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47



Tgt Ion:164 Resp: 248059
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 102.083 ng
RT: 10.710 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

Instrument :

BNA_F

ClientSampleId :

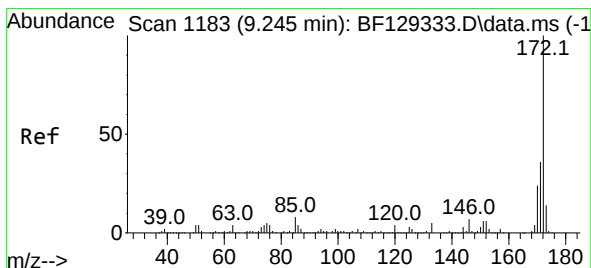
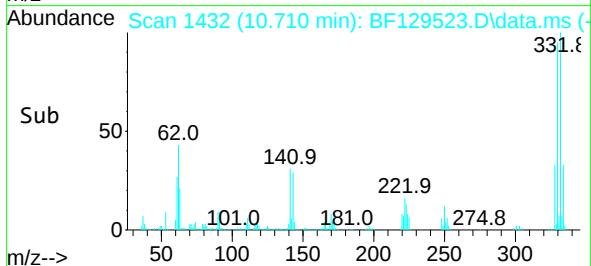
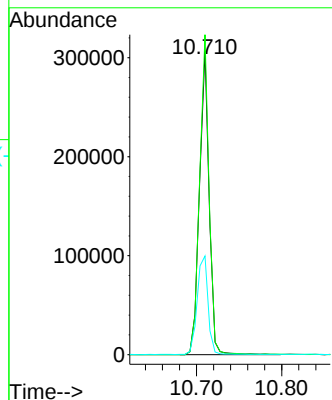
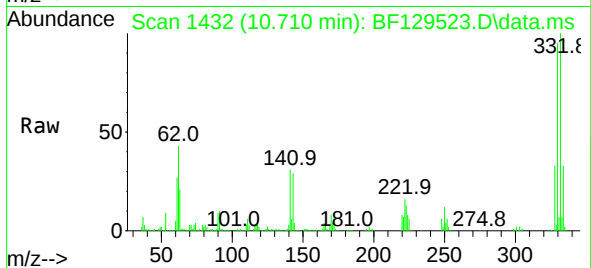
RVE-89

Tgt Ion:330 Resp: 243458
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 36.2 28.0 42.0

Manual Integrations

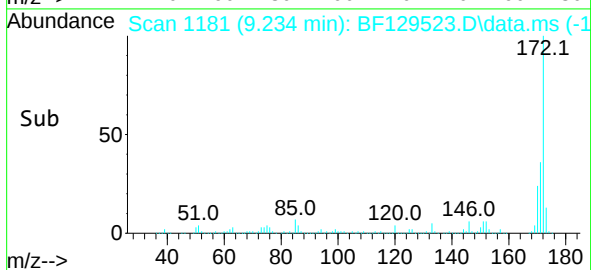
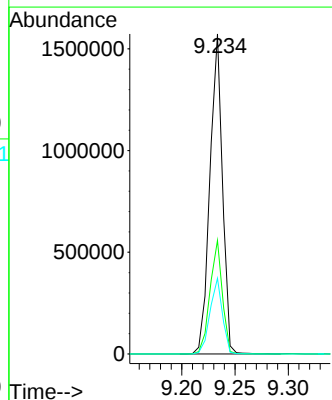
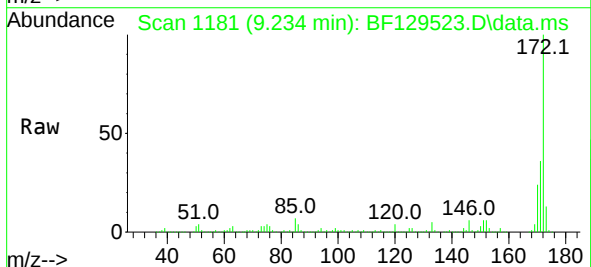
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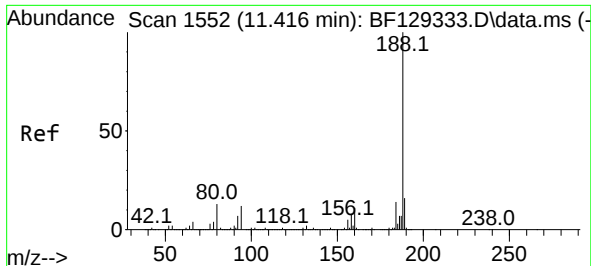
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#45
2-Fluorobiphenyl
Concen: 80.632 ng
RT: 9.234 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

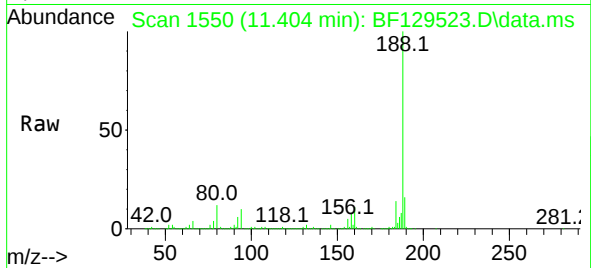
Tgt Ion:172 Resp: 1292959
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

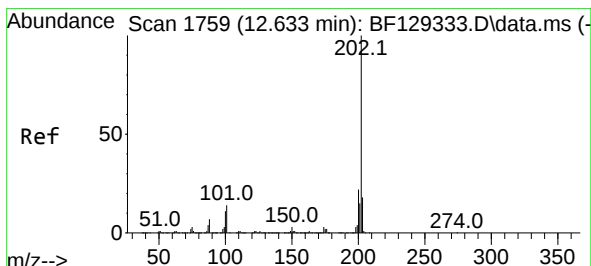
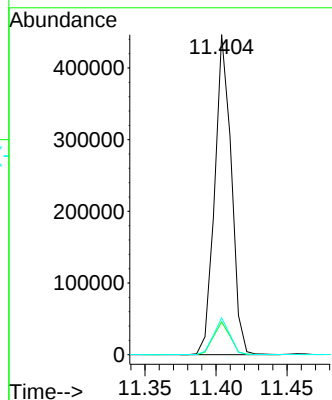
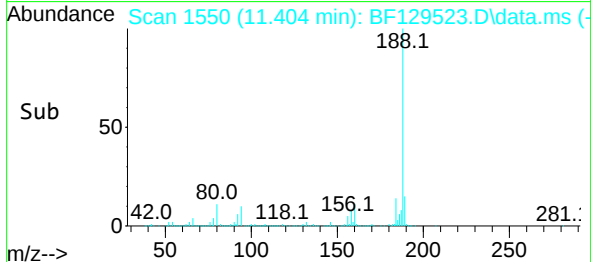
Instrument :
BNA_F
ClientSampleId :
RVE-89



Tgt Ion:188 Resp: 363690
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.5 7.6 11.4

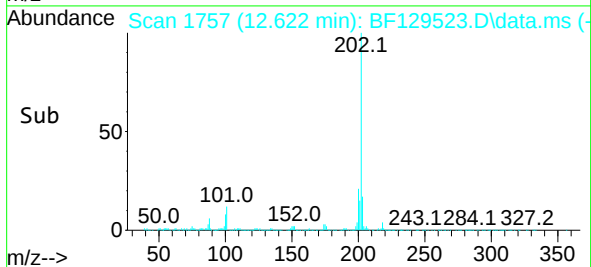
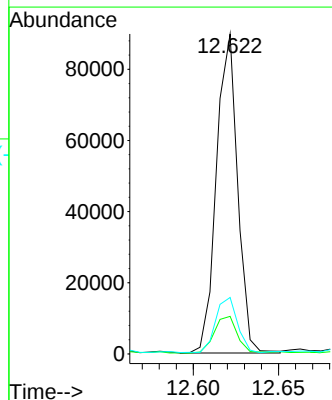
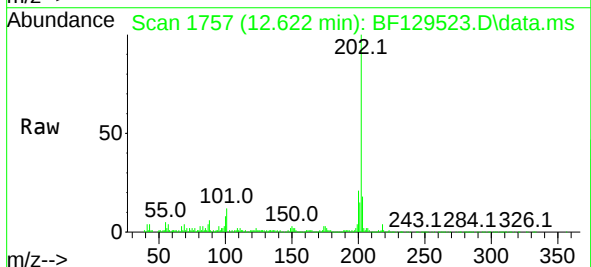
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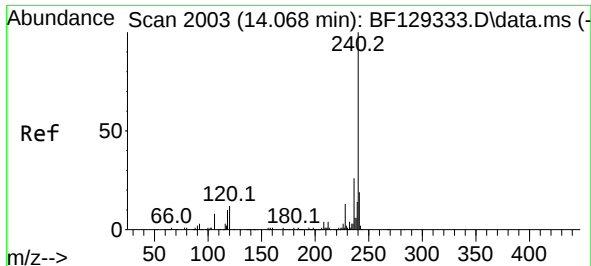
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#75
Fluoranthene
Concen: 3.855 ng
RT: 12.622 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

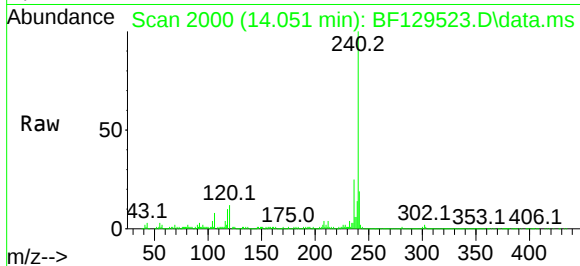
Tgt Ion:202 Resp: 77536
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

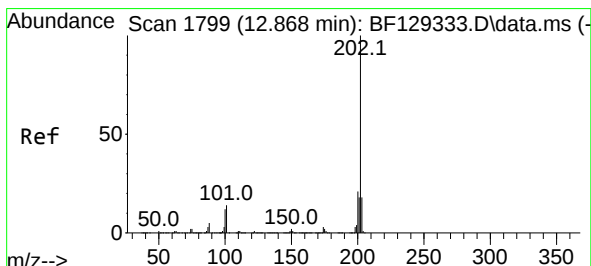
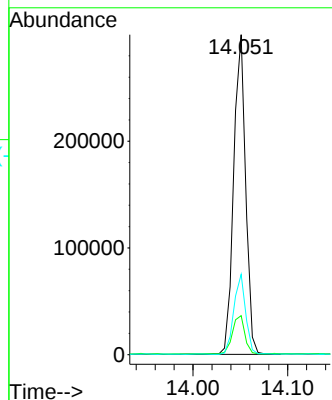
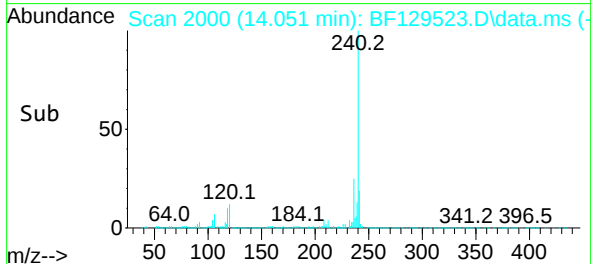
Instrument :
BNA_F
ClientSampleId :
RVE-89



Tgt Ion:240 Resp: 26316
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.1 20.8 31.2

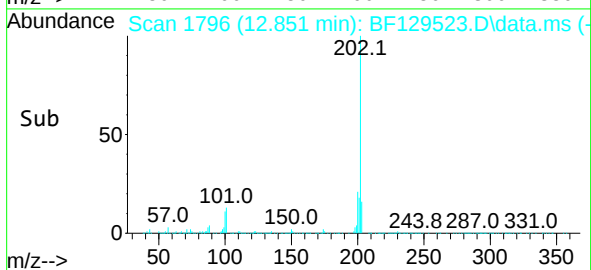
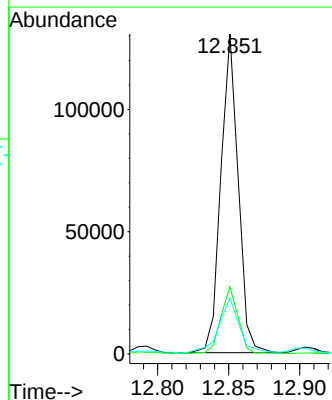
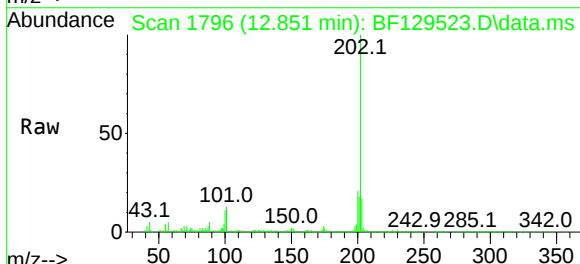
Manual Integrations
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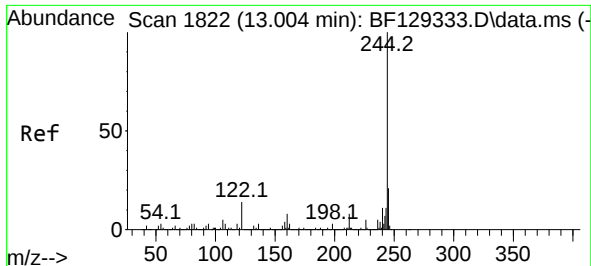
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022



#78
Pyrene
Concen: 5.020 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

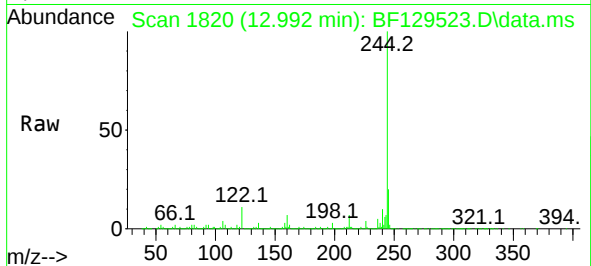
Tgt Ion:202 Resp: 110482
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 81.179 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129523.D
 Acq: 02 Aug 2022 23:47

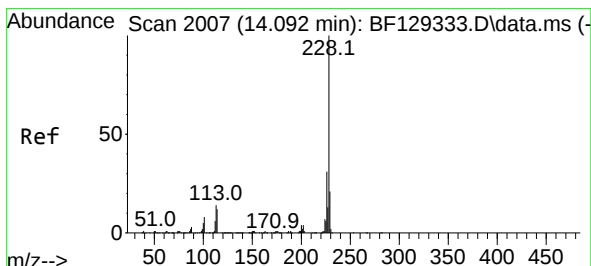
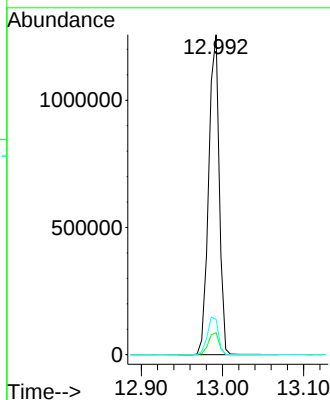
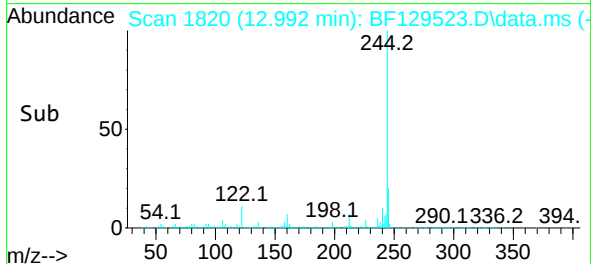
Instrument :
 BNA_F
 ClientSampleId :
 RVE-89



Tgt Ion:244 Resp: 113238
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.1 8.8 13.2

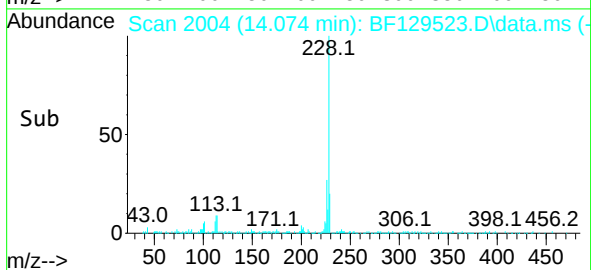
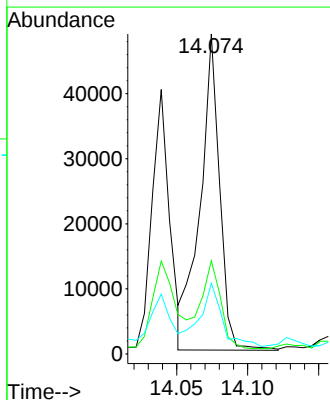
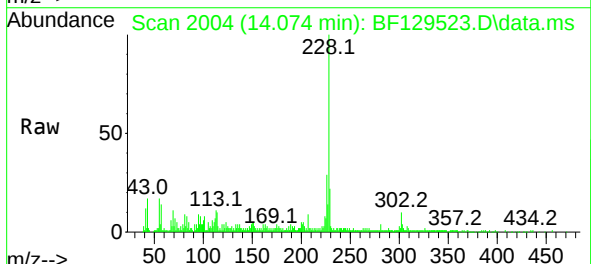
Manual Integrations
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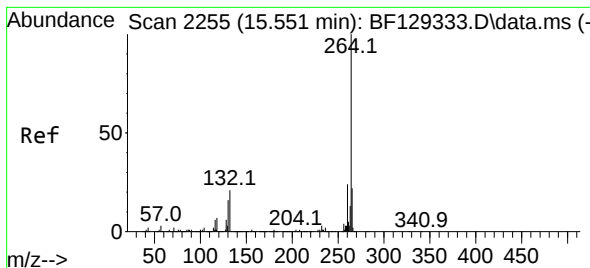
Reviewed By :Christian Giraldo 08/03/2022
 Supervised By :Jagrut Upadhyay 08/03/2022



#83
 Chrysene
 Concen: 2.752 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: BF129523.D
 Acq: 02 Aug 2022 23:47

Tgt Ion:228 Resp: 46621
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.3 36.5
 229 22.1 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129523.D

Acq: 02 Aug 2022 23:47

Instrument :

BNA_F

ClientSampleId :

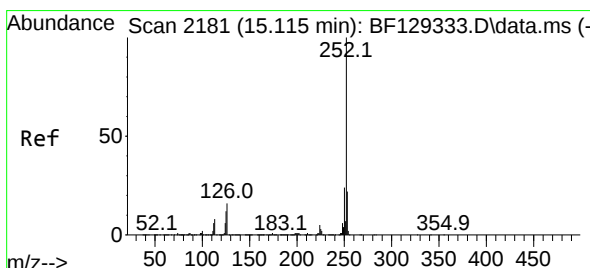
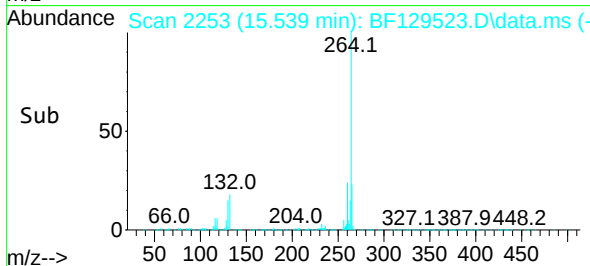
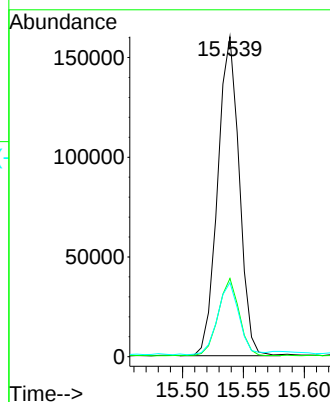
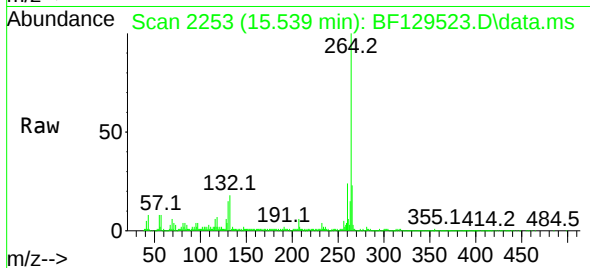
RVE-89

Tgt Ion:264 Resp: 197094
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 23.2 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/03/2022
 Supervised By :Jagrut Upadhyay 08/03/2022



#88

Benzo(b)fluoranthene

Concen: 3.400 ng m

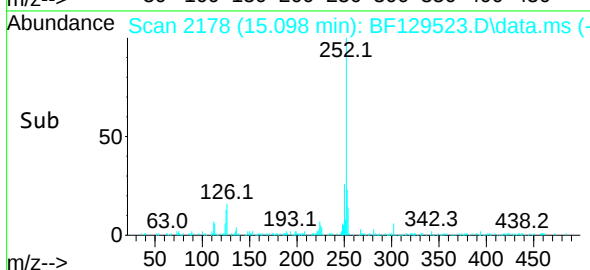
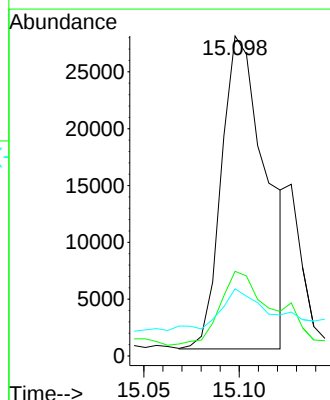
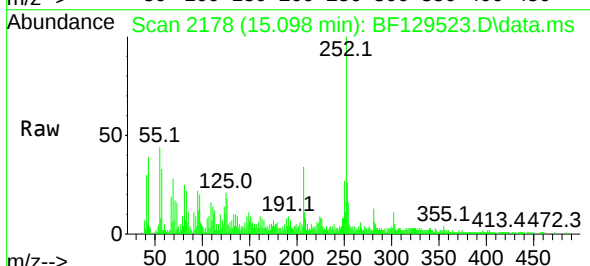
RT: 15.098 min Scan# 2178

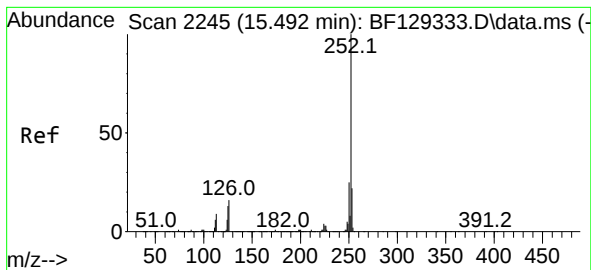
Delta R.T. 0.006 min

Lab File: BF129523.D

Acq: 02 Aug 2022 23:47

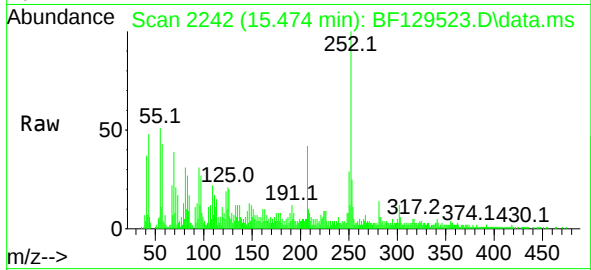
Tgt Ion:252 Resp: 44450
 Ion Ratio Lower Upper
 252 100
 253 26.4 17.7 26.5
 125 21.0 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 2.679 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129523.D
Acq: 02 Aug 2022 23:47

Instrument :
BNA_F
ClientSampleId :
RVE-89



Tgt Ion:252 Resp: 2843
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.6
125 20.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

