

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129144.D
 Acq On : 06 Jul 2022 15:49
 Operator : CG\JU
 Sample : N3589-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 16:13:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	232957	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	862140	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	408210	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	637800	20.000	ng	0.00
76) Chrysene-d12	14.139	240	526868	20.000	ng	-0.01
86) Perylene-d12	15.668	264	594964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1370648	99.472	ng	0.00
7) Phenol-d6	6.575	99	1656330	96.785	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1053396	72.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	420915	94.829	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1845997	72.345	ng	0.00
79) Terphenyl-d14	13.080	244	1589537	62.651	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.710	202	106093	3.329	ng	99
78) Pyrene	12.939	202	272385	7.458	ng	97
81) Benzo(a)anthracene	14.133	228	75149	2.336	ng	97
83) Chrysene	14.168	228	74148	2.483	ng	97
88) Benzo(b)fluoranthene	15.210	252	79596m	2.225	ng	
90) Benzo(a)pyrene	15.598	252	59738	2.048	ng	# 91

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

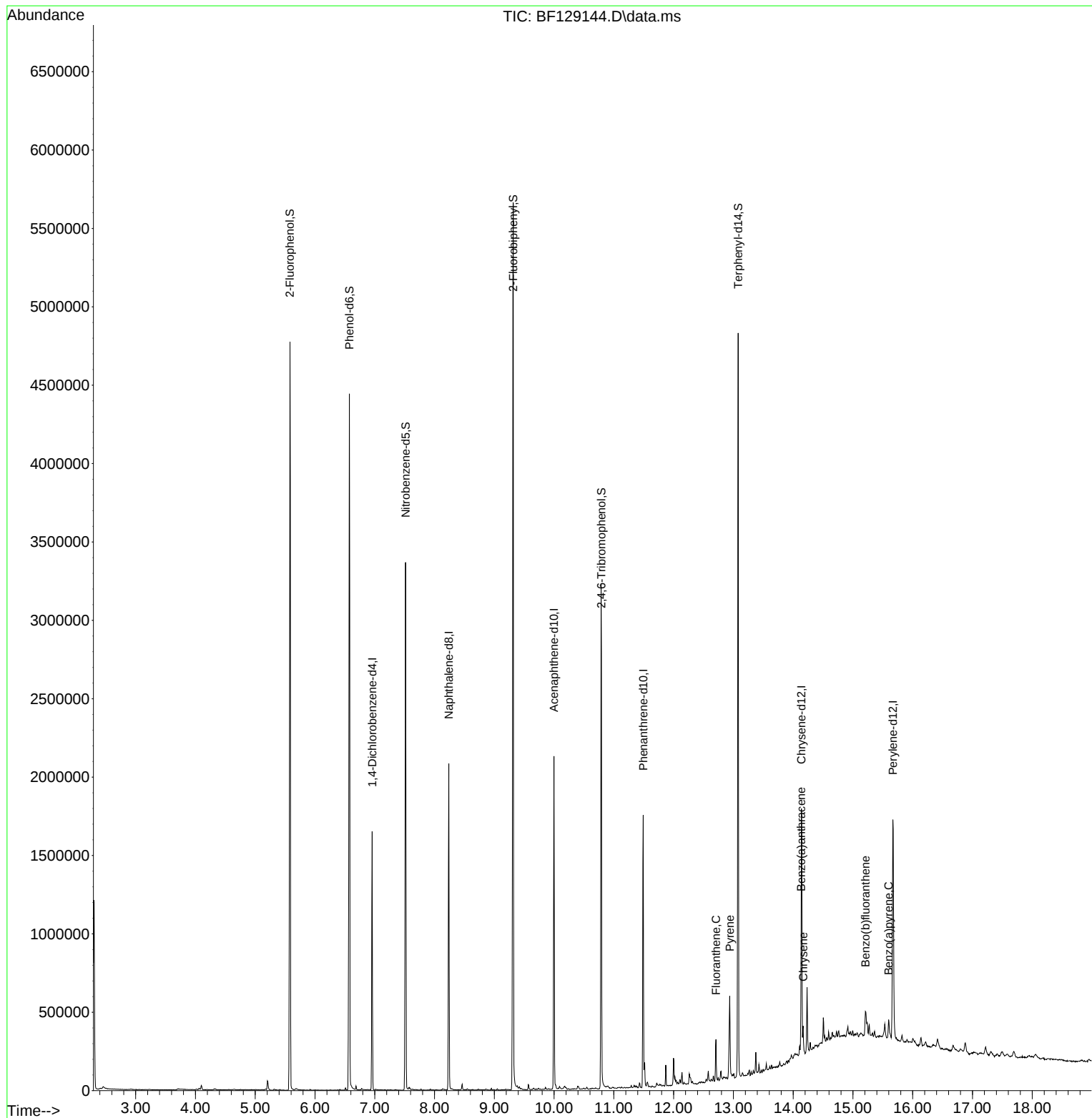
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129144.D
Acq On : 06 Jul 2022 15:49
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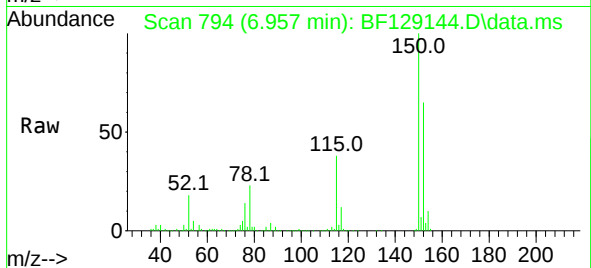
Quant Time: Jul 06 16:13:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

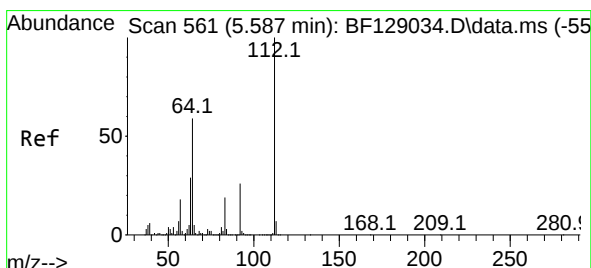
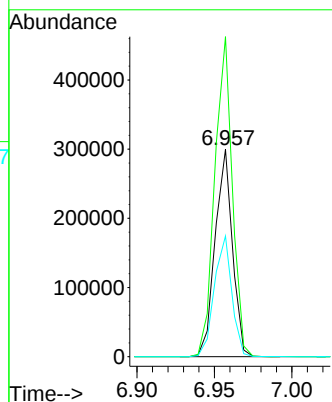
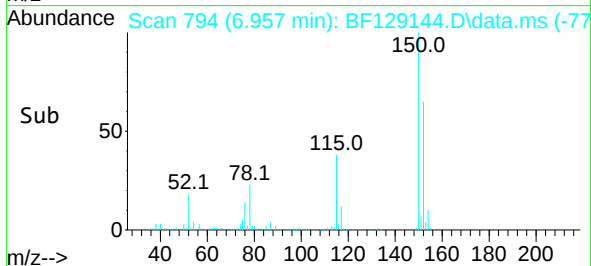
Instrument :
BNA_F
ClientSampleId :
C-1



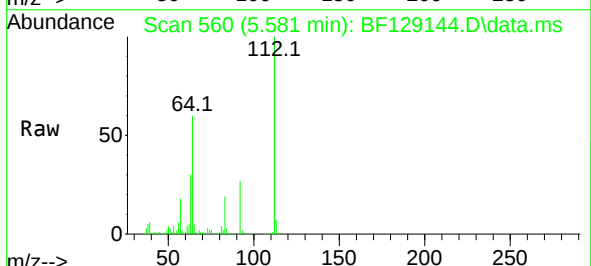
Tgt Ion:152 Resp: 23295
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 58.2 49.9 74.9

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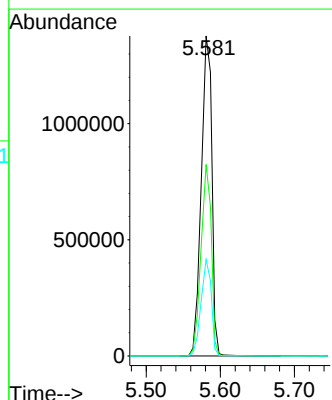
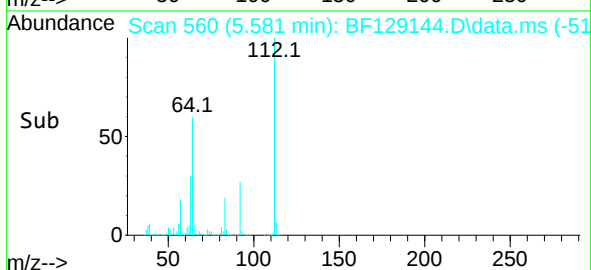
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#5
2-Fluorophenol
Concen: 99.472 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49



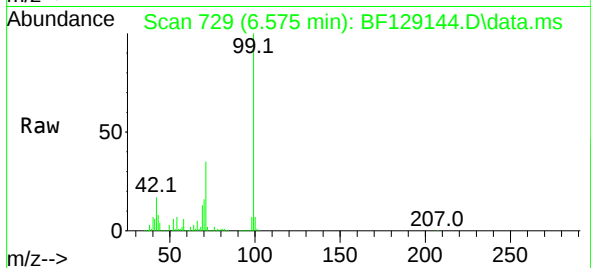
Tgt Ion:112 Resp: 1370648
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 30.1 28.0 42.0





#7
Phenol-d6
Concen: 96.785 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

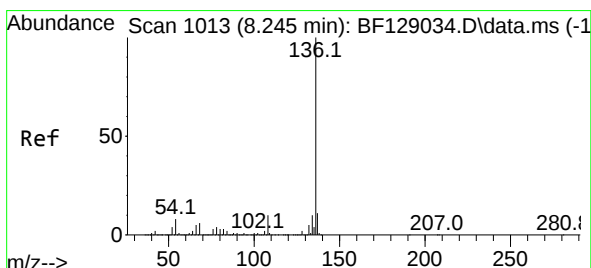
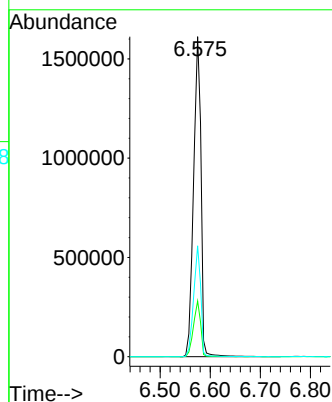
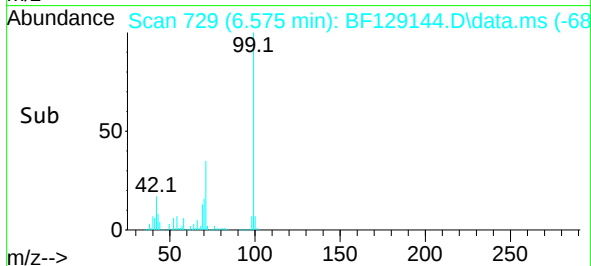
Instrument :
BNA_F
ClientSampleId :
C-1



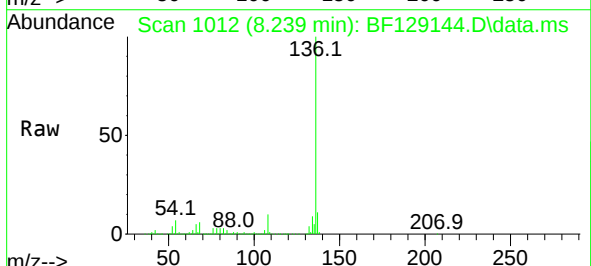
Tgt Ion: 99 Resp: 1656330
Ion Ratio Lower Upper
99 100
42 17.4 17.3 25.9
71 34.7 28.9 43.3

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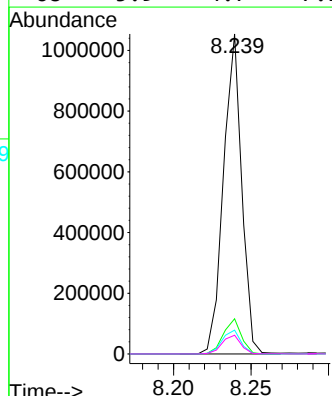
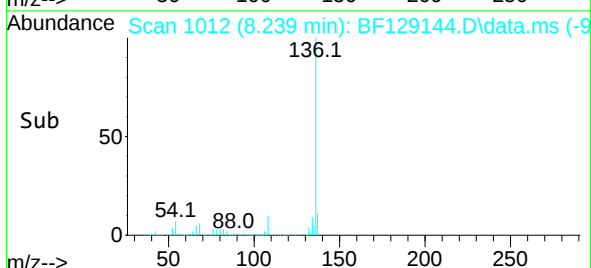
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49



Tgt Ion:136 Resp: 862140
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.5 11.3#
68 5.9 4.7 7.1





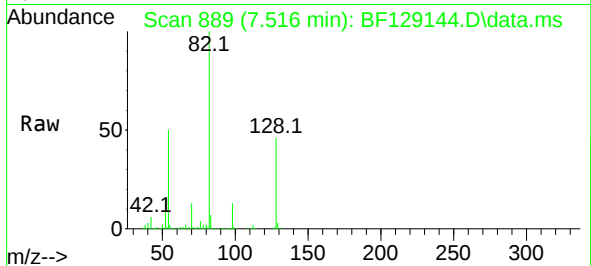
#23
Nitrobenzene-d5
Concen: 72.878 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Instrument :

BNA_F

ClientSampleId :

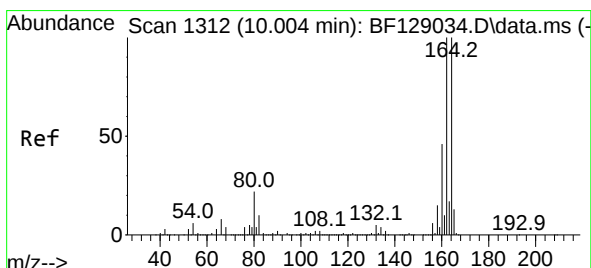
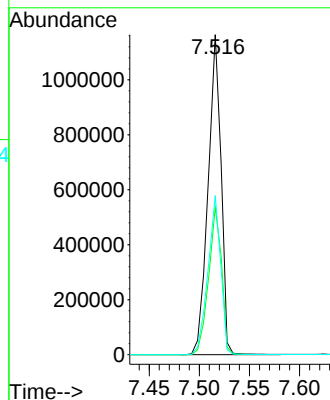
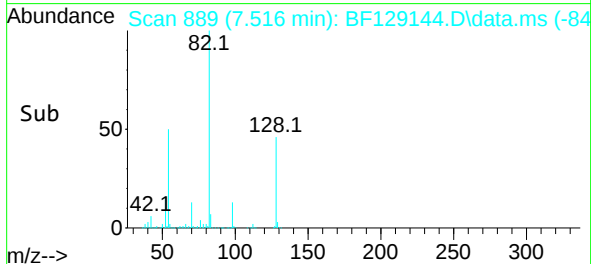
C-1



Tgt Ion: 82 Resp: 1053390
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 49.7 46.9 70.3

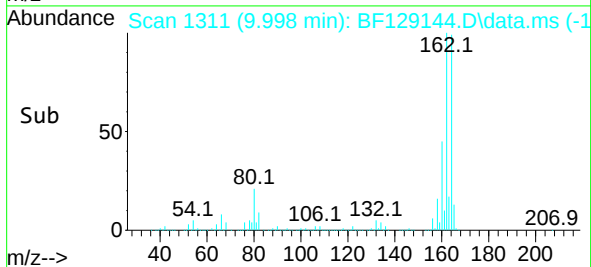
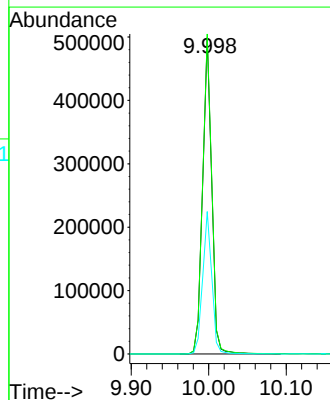
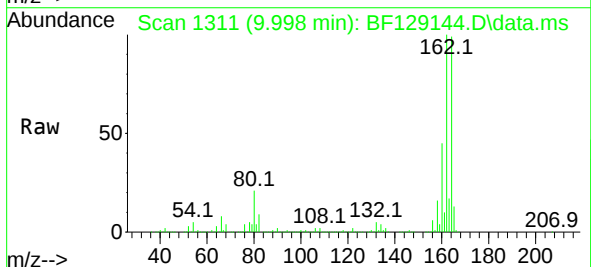
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Supervised By :Jagrut Upadhyay 07/07/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

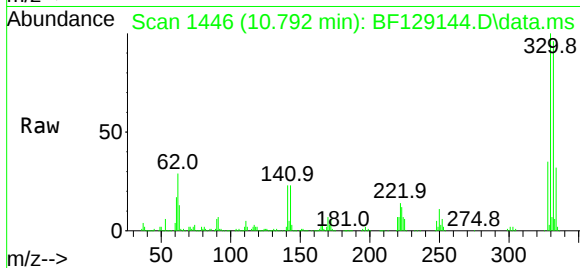
Tgt Ion:164 Resp: 408210
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 45.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 94.829 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

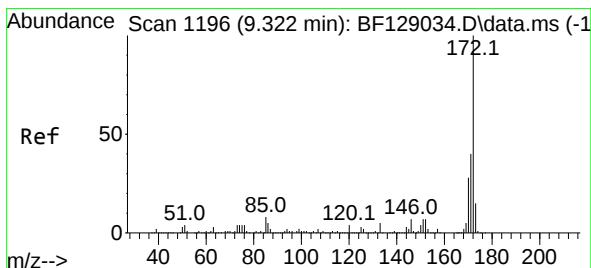
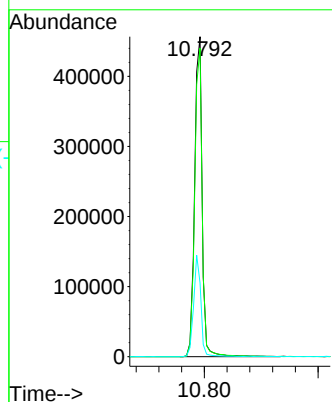
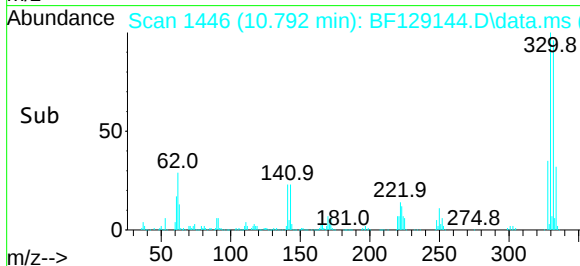
Instrument :
BNA_F
ClientSampleId :
C-1



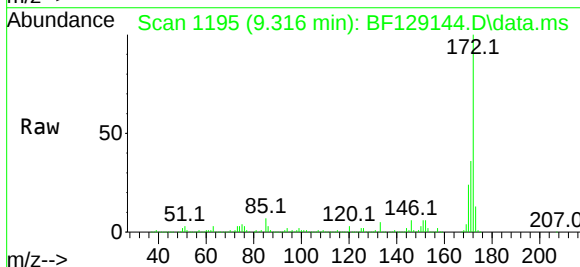
Tgt Ion: 330 Resp: 420915
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 30.5 28.0 42.0

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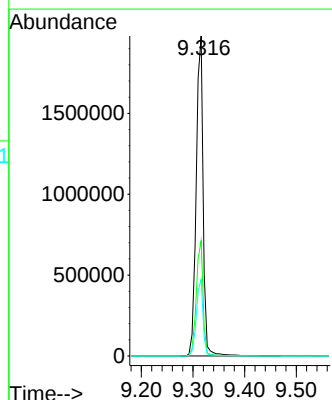
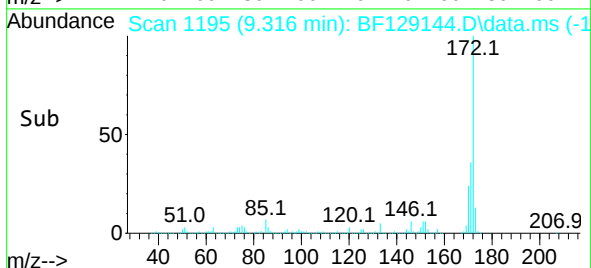
Reviewed By : Christian Giraldo 07/07/2022
Supervised By : Jagrut Upadhyay 07/07/2022

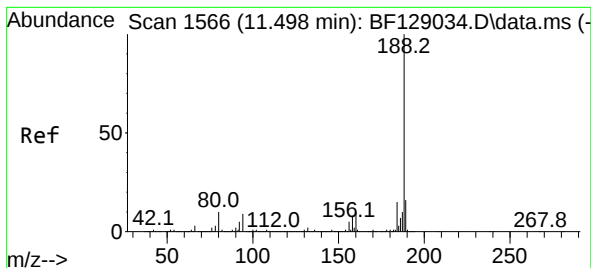


#45
2-Fluorobiphenyl
Concen: 72.345 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49



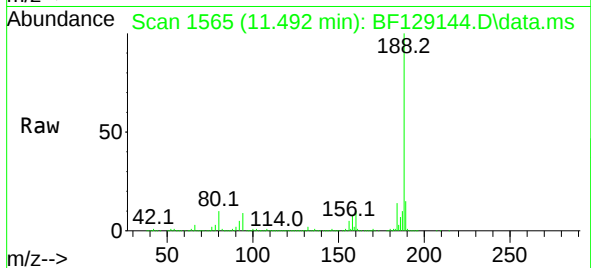
Tgt Ion: 172 Resp: 1845997
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

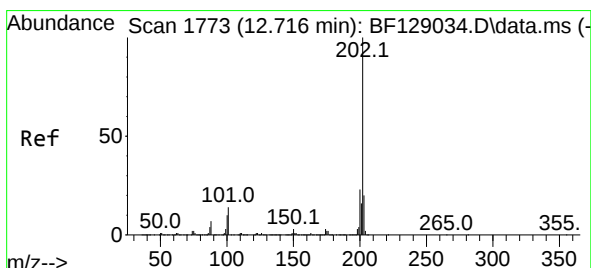
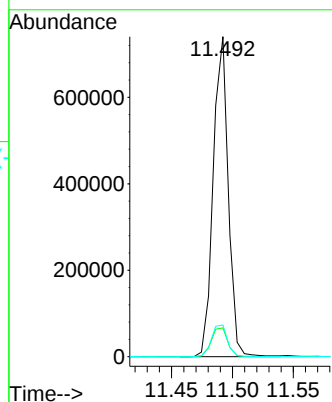
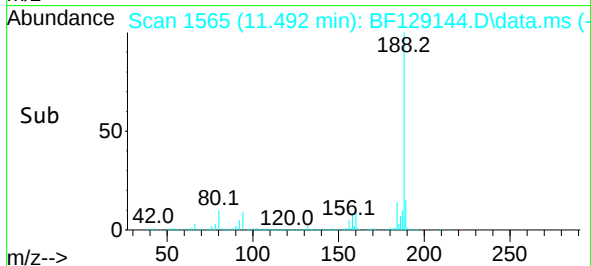
Instrument :
BNA_F
ClientSampleId :
C-1



Tgt Ion:188 Resp: 637800
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.9 7.6 11.4

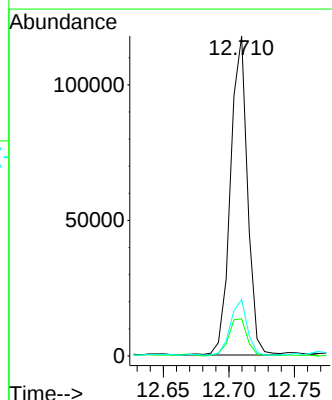
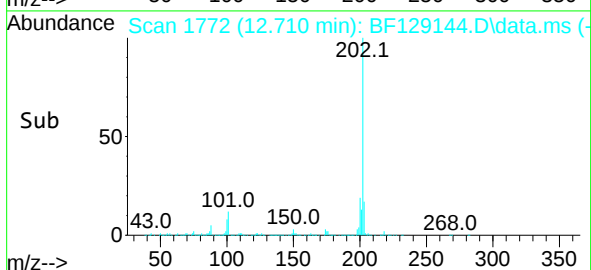
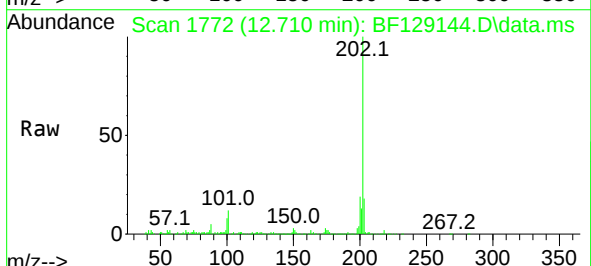
Manual Integrations
APPROVED

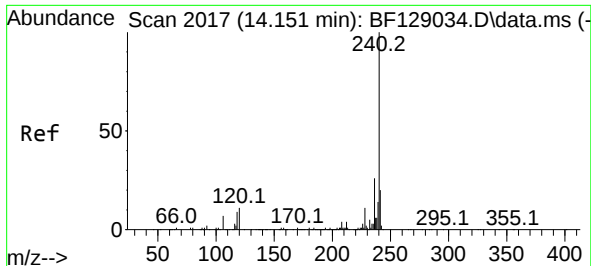
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#75
Fluoranthene
Concen: 3.329 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

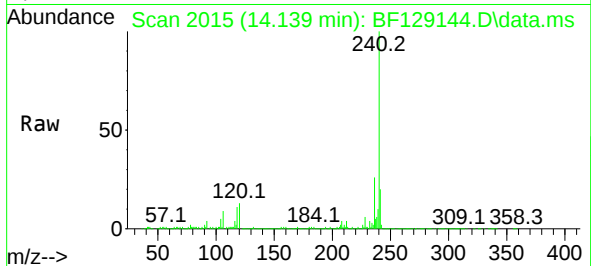
Tgt Ion:202 Resp: 106093
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

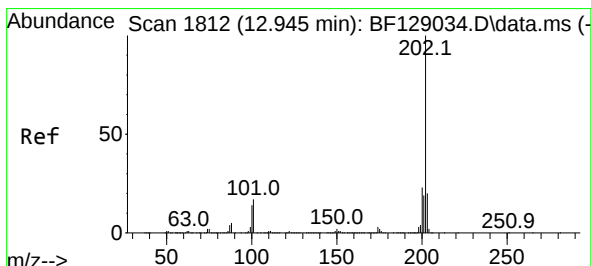
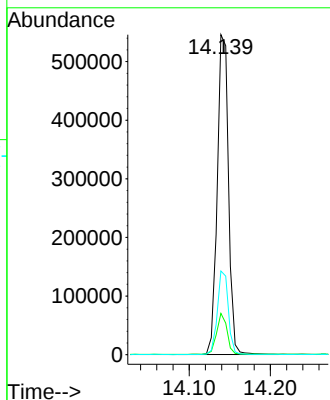
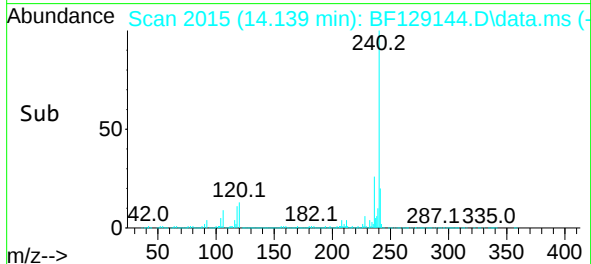
Instrument :
BNA_F
ClientSampleId :
C-1



Tgt Ion:240 Resp: 52686
Ion Ratio Lower Upper
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120 12.9 8.9 13.3
236 26.1 20.8 31.2

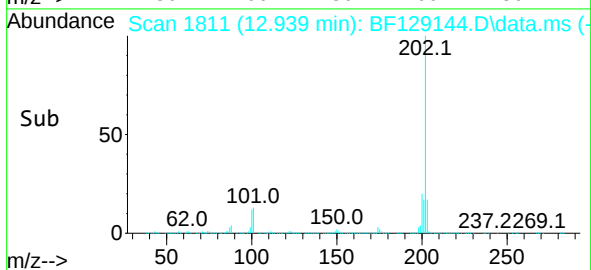
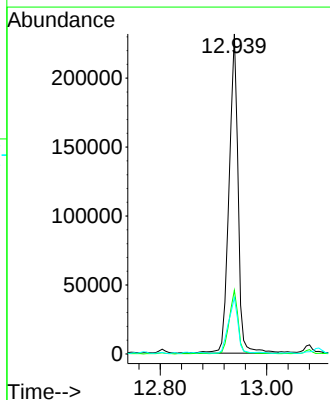
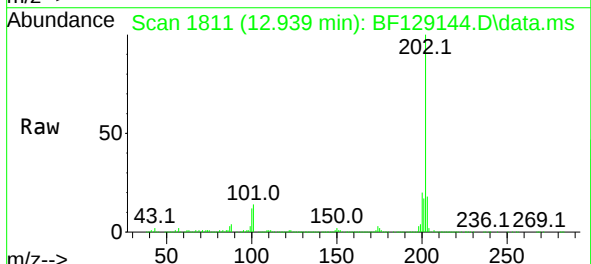
Manual Integrations
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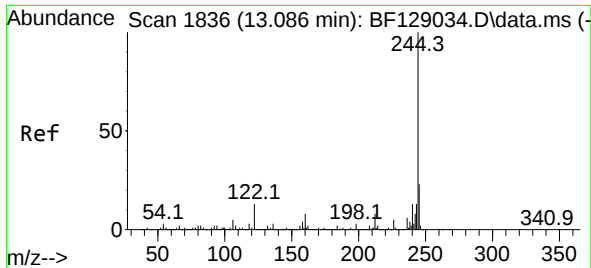
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#78
Pyrene
Concen: 7.458 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

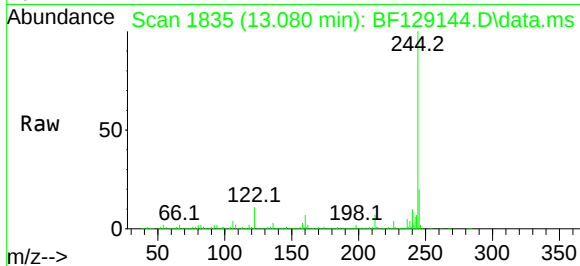
Tgt Ion:202 Resp: 272385
Ion Ratio Lower Upper
202 100
200 19.9 17.7 26.5
203 17.6 14.6 21.8





#79
 Terphenyl-d14
 Concen: 62.651 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129144.D
 Acq: 06 Jul 2022 15:49

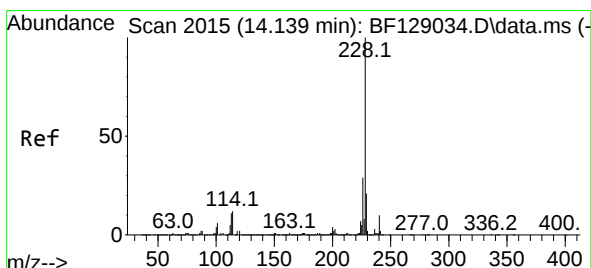
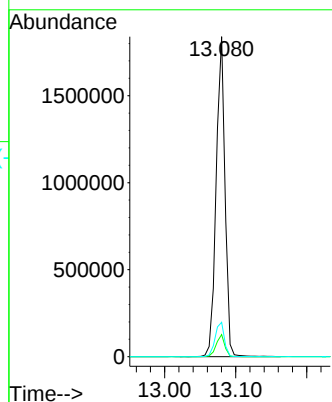
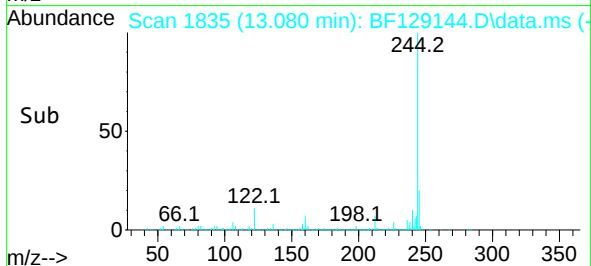
Instrument :
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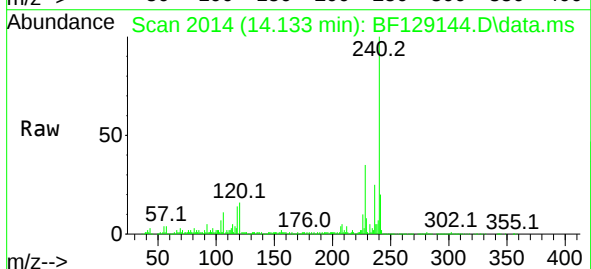
Tgt Ion:244 Resp: 158953
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.8 8.8 13.2

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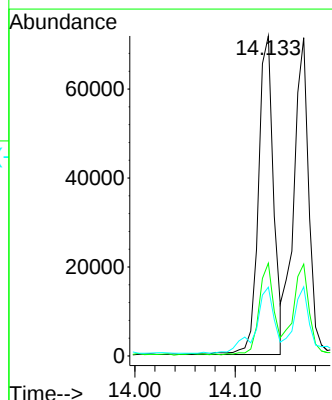
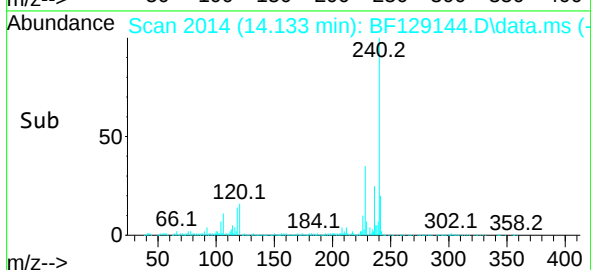
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

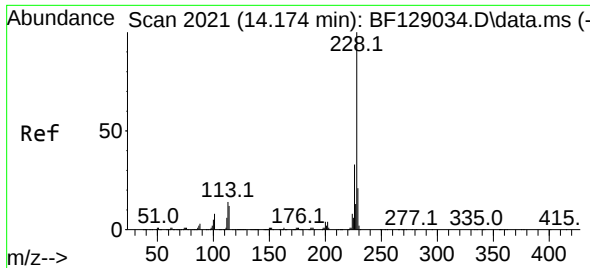


#81
 Benzo(a)anthracene
 Concen: 2.336 ng
 RT: 14.133 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF129144.D
 Acq: 06 Jul 2022 15:49



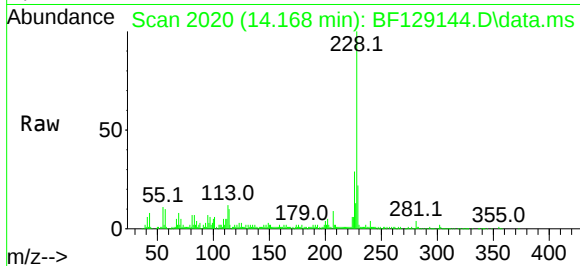
Tgt Ion:228 Resp: 75149
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.1 33.1
 229 21.5 15.8 23.8





#83
Chrysene
Concen: 2.483 ng
RT: 14.168 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

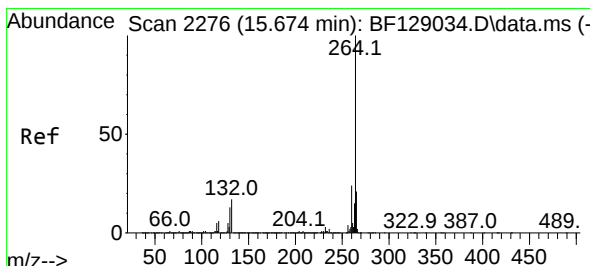
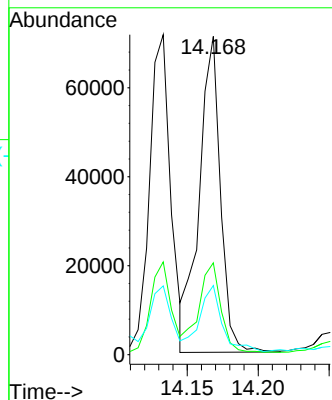
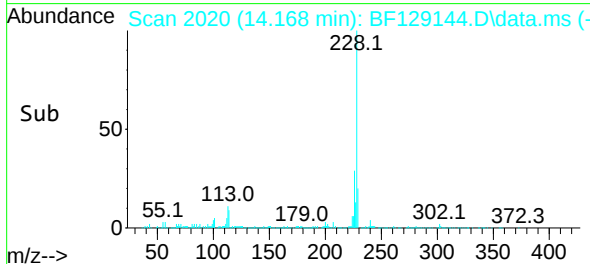
Instrument :
BNA_F
ClientSampleId :
C-1



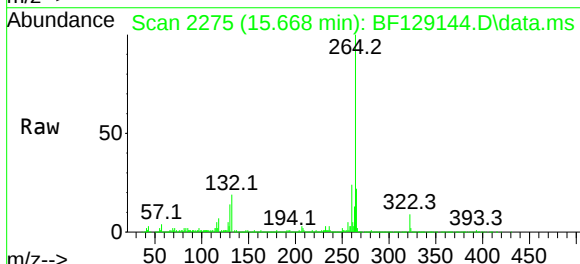
Tgt Ion:228 Resp: 74148
Ion Ratio Lower Upper
228 100
226 28.9 24.3 36.5
229 21.7 15.9 23.9

Manual Integrations
APPROVED

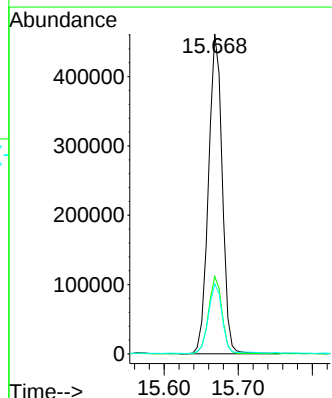
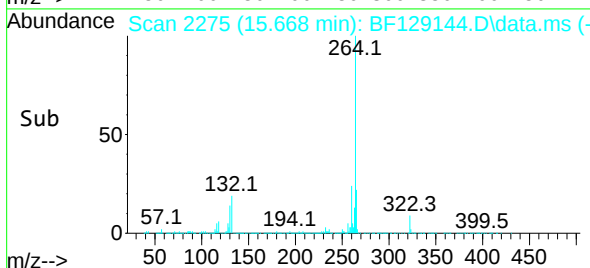
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

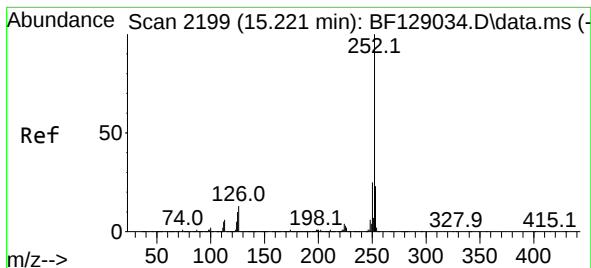


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49



Tgt Ion:264 Resp: 594964
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 21.9 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.225 ng m

RT: 15.210 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF129144.D

Acq: 06 Jul 2022 15:49

Instrument :

BNA_F

ClientSampleId :

C-1

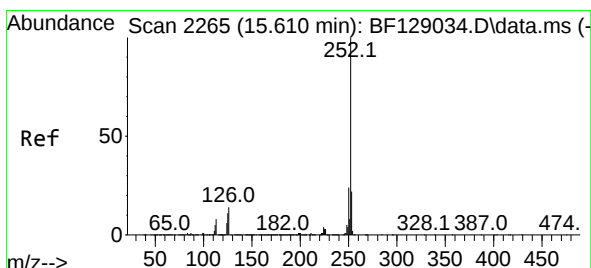
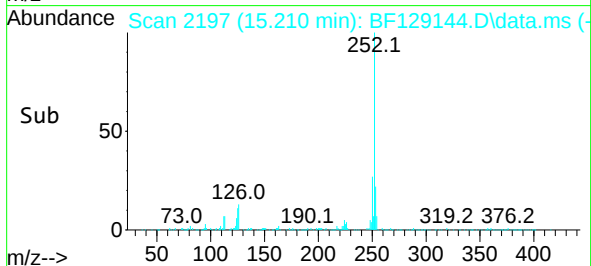
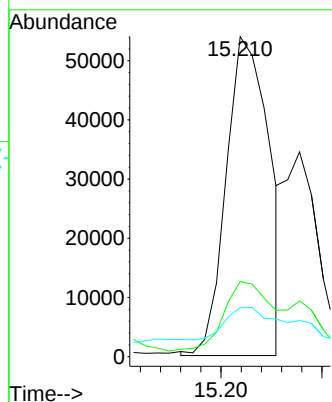
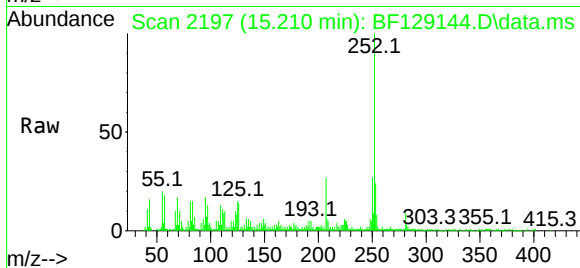
Tgt Ion:252 Resp: 79590
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.7 26.5
 125 15.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#90

Benzo(a)pyrene

Concen: 2.048 ng

RT: 15.598 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF129144.D

Acq: 06 Jul 2022 15:49

Tgt Ion:252 Resp: 59738
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.0 25.6
 125 16.9 8.8 13.2

