

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129102.D
 Acq On : 01 Jul 2022 20:27
 Operator : CG\JU
 Sample : N3562-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D62922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 01:26:54 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	343319	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1313521	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	682155	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	1106601	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	666560	20.000	ng	-0.01
86) Perylene-d12	15.663	264	709137	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1873514	92.259	ng	0.00
7) Phenol-d6	6.575	99	2346879	93.053	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1471003	66.798	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	653744	88.136	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2839716	66.597	ng	0.00
79) Terphenyl-d14	13.080	244	2468483	76.904	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.510	178	140018	2.648	ng	97
75) Fluoranthene	12.704	202	193582	3.501	ng	100
78) Pyrene	12.933	202	172104	3.725	ng	97
80) Butylbenzylphthalate	13.551	149	49725	2.642	ng	93
83) Chrysene	14.163	228	87090	2.305	ng	95
88) Benzo(b)fluoranthene	15.204	252	117259m	2.749	ng	

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

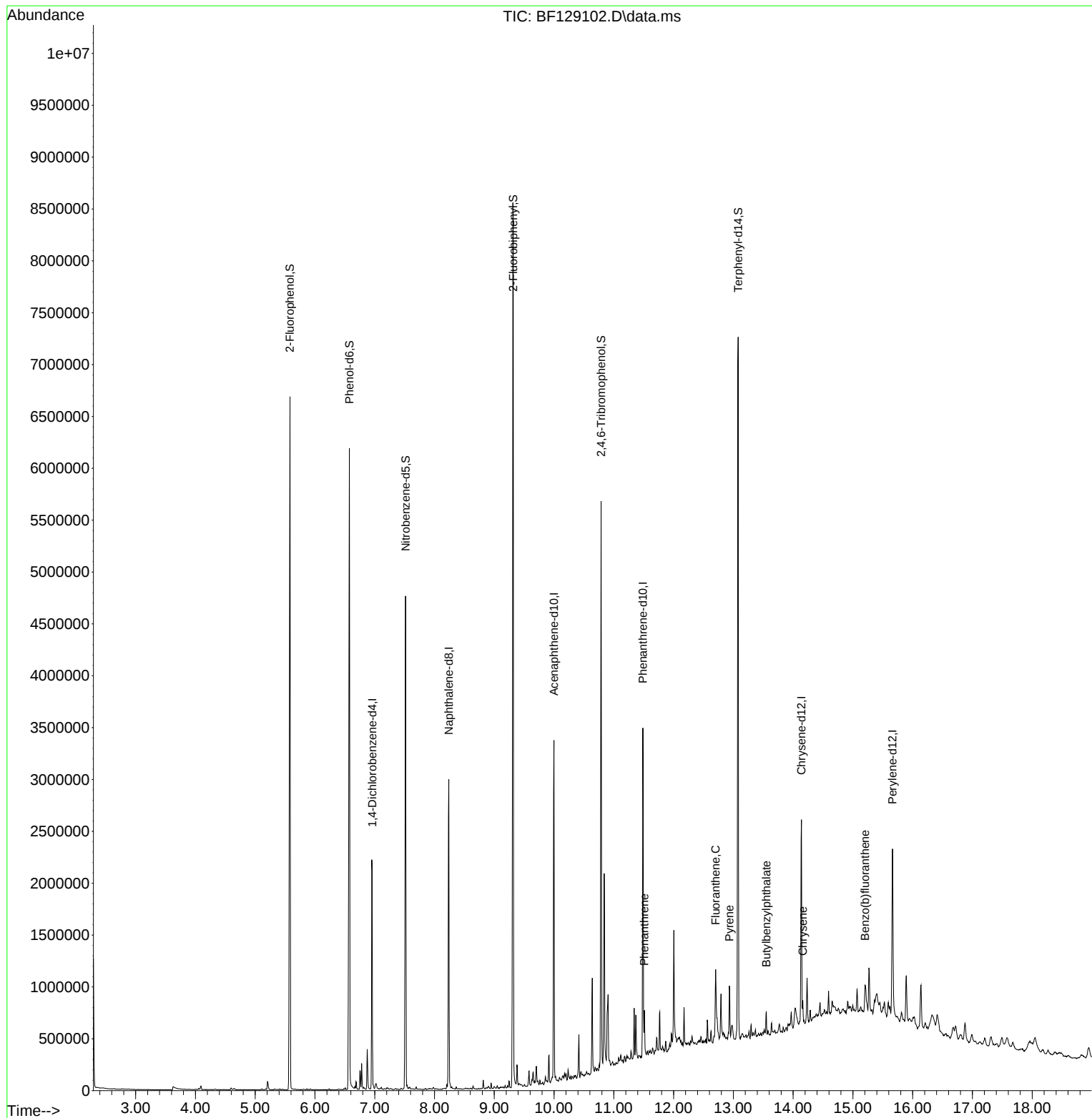
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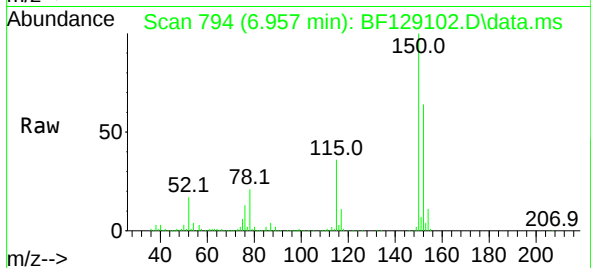
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

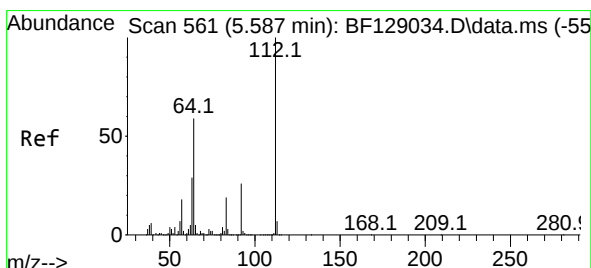
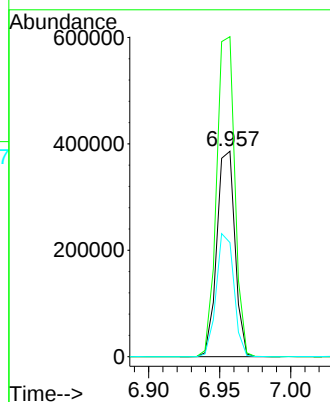
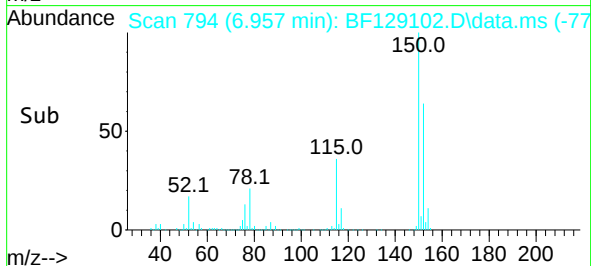
Instrument :
BNA_F
ClientSampleId :
D62922



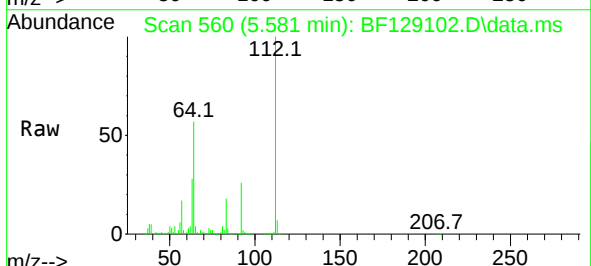
Tgt Ion:152 Resp: 343319
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 55.5 49.9 74.9

Manual Integrations
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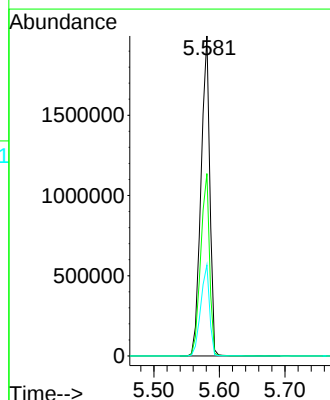
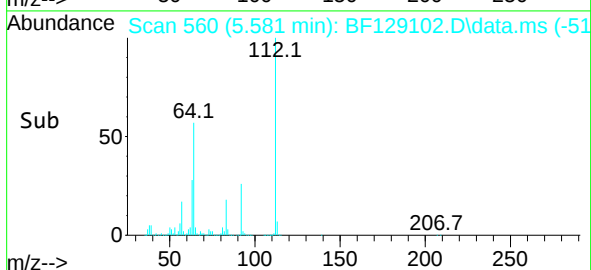
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

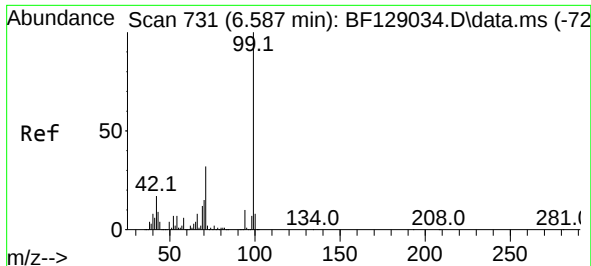


#5
2-Fluorophenol
Concen: 92.259 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27



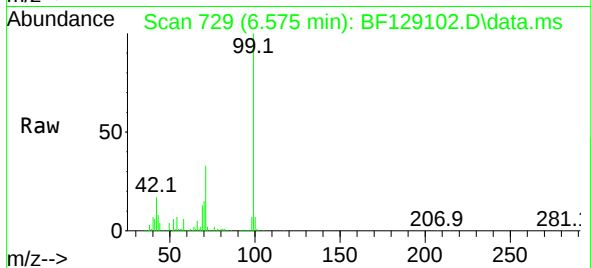
Tgt Ion:112 Resp: 1873514
Ion Ratio Lower Upper
112 100
64 57.0 53.3 79.9
63 28.5 28.0 42.0





#7
Phenol-d6
Concen: 93.053 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

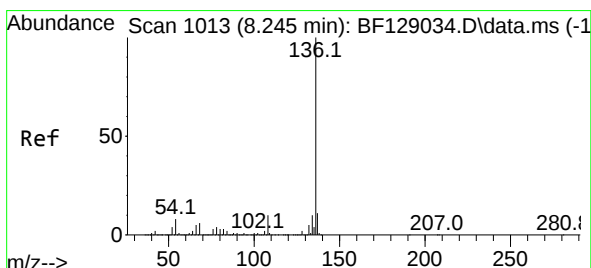
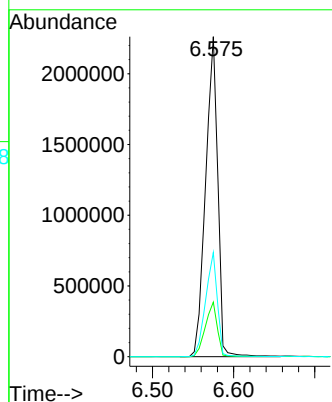
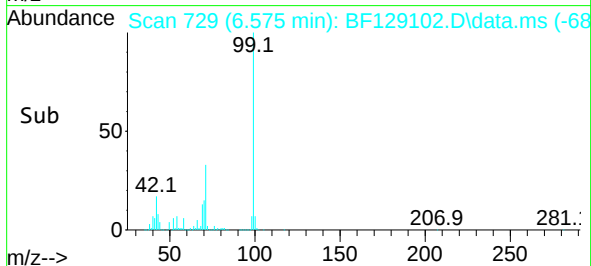
Instrument :
BNA_F
ClientSampleId :
D62922



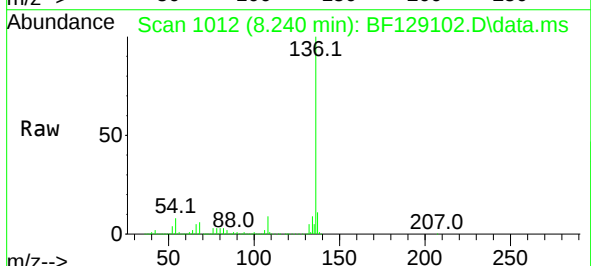
Tgt Ion: 99 Resp: 2346879
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9
71 32.6 28.9 43.3

Manual Integrations
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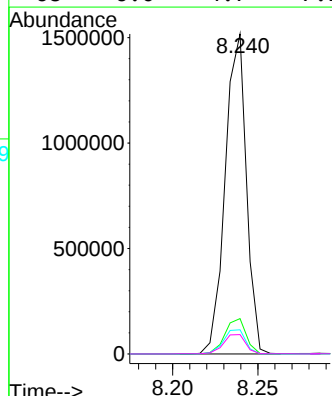
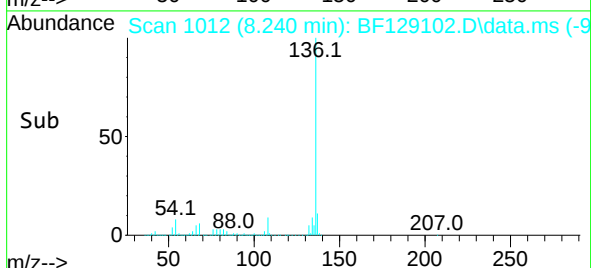
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27



Tgt Ion:136 Resp: 1313521
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 7.5 11.3
68 6.0 4.7 7.1





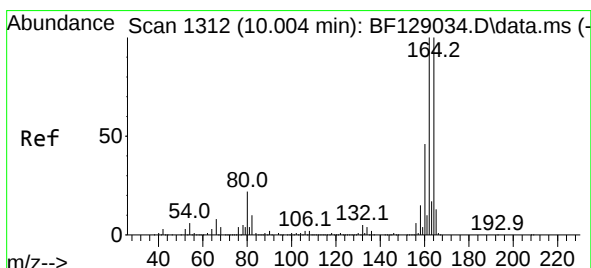
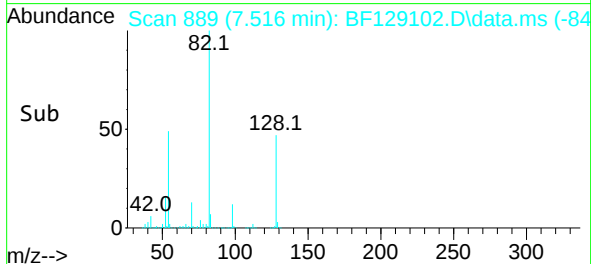
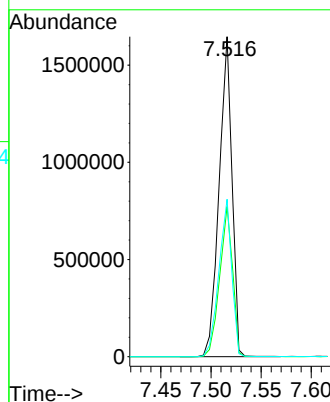
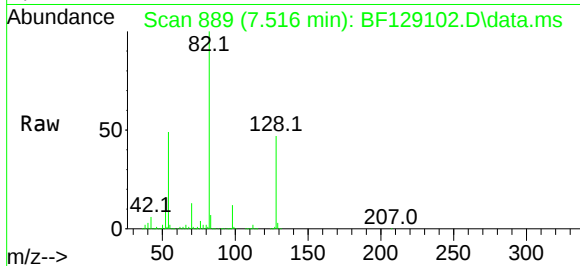
#23
Nitrobenzene-d5
Concen: 66.798 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

Instrument :
BNA_F
ClientSampleId :
D62922

Tgt Ion: 82 Resp: 1471000
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 49.2 46.9 70.3

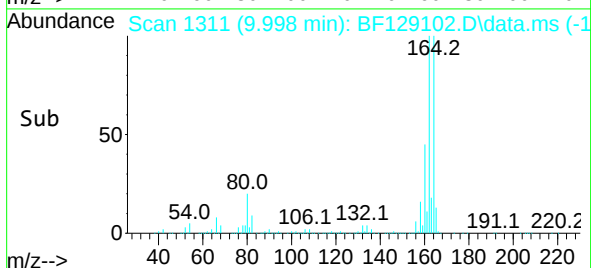
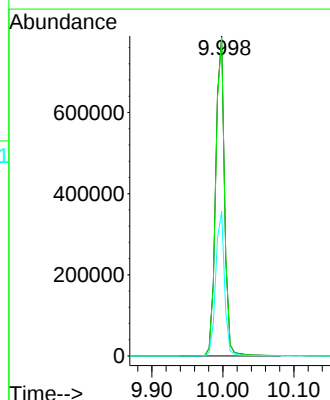
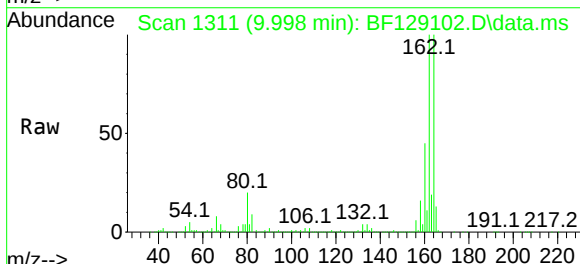
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

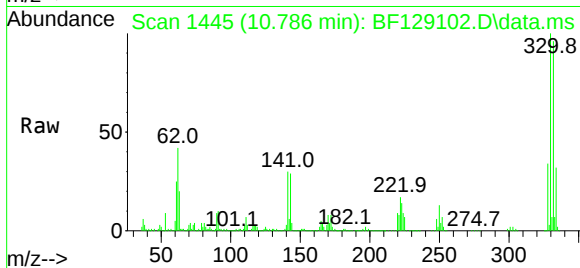
Tgt Ion:164 Resp: 682155
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 88.136 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

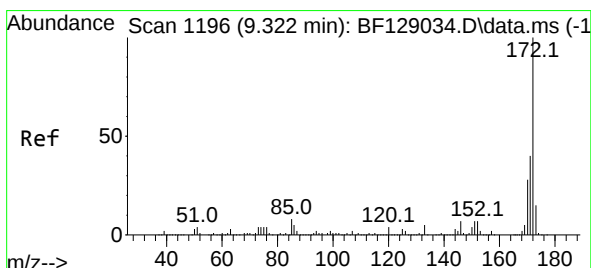
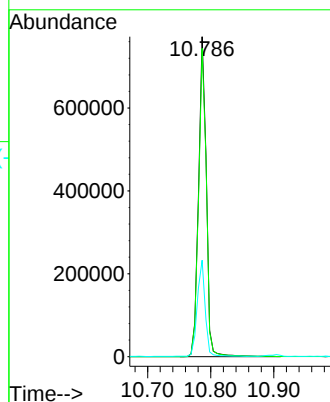
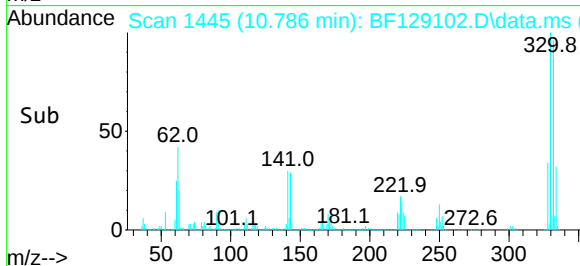
Instrument :
BNA_F
ClientSampleId :
D62922



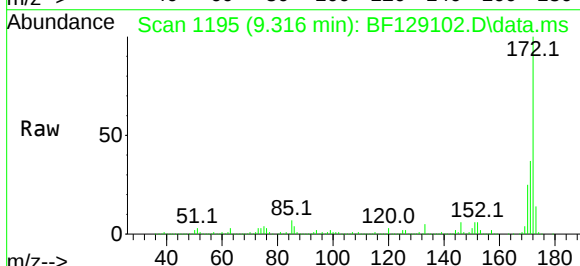
Tgt Ion:330 Resp: 653744
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 30.7 28.0 42.0

Manual Integrations
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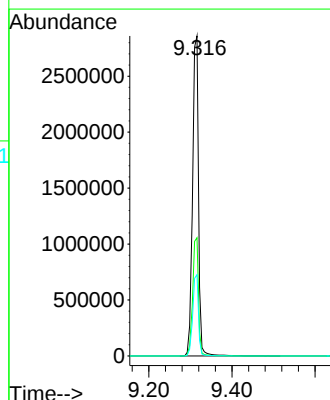
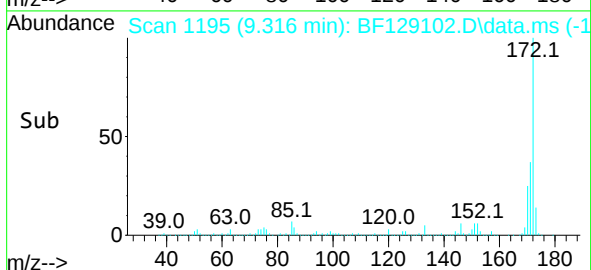
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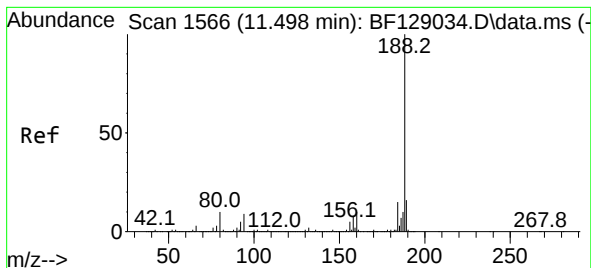


#45
2-Fluorobiphenyl
Concen: 66.597 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27



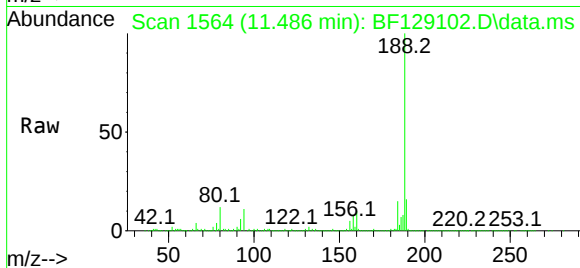
Tgt Ion:172 Resp: 2839716
Ion Ratio Lower Upper
172 100
171 37.0 28.8 43.2
170 25.4 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

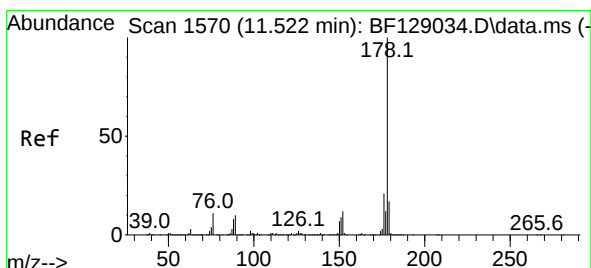
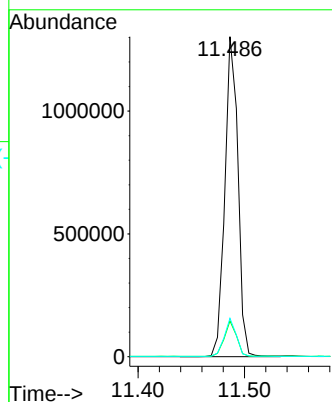
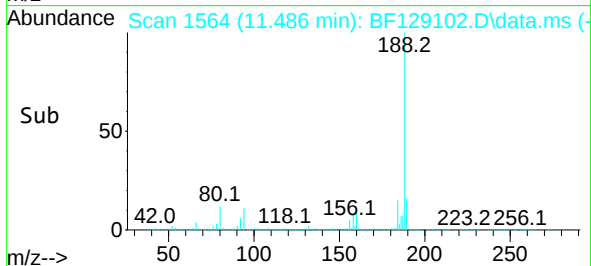
Instrument :
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D62922



Tgt Ion:188 Resp: 110660
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6
80 12.0 7.6 11.4

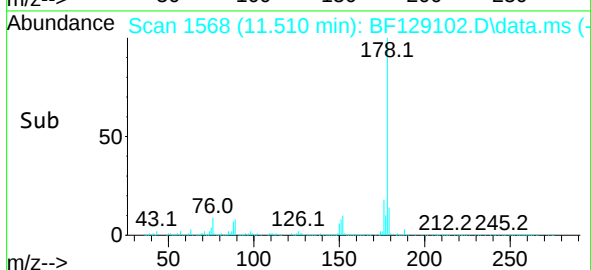
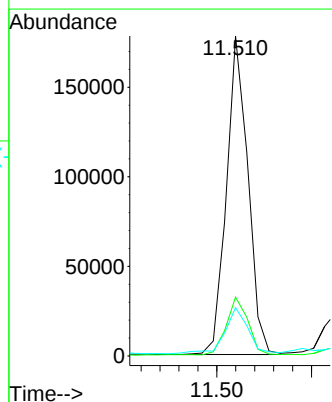
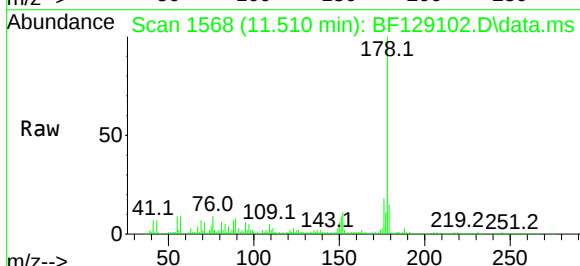
Manual Integrations
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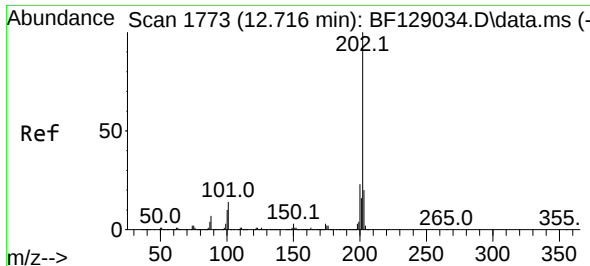
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#71
Phenanthrene
Concen: 2.648 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

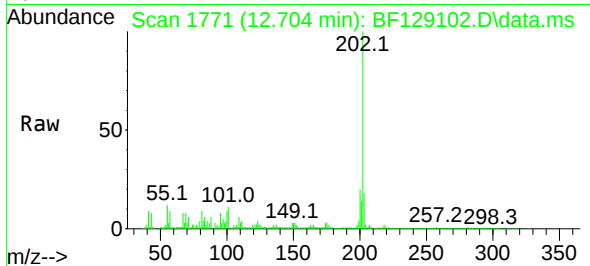
Tgt Ion:178 Resp: 140018
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.1 12.6 19.0





#75
Fluoranthene
Concen: 3.501 ng
RT: 12.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

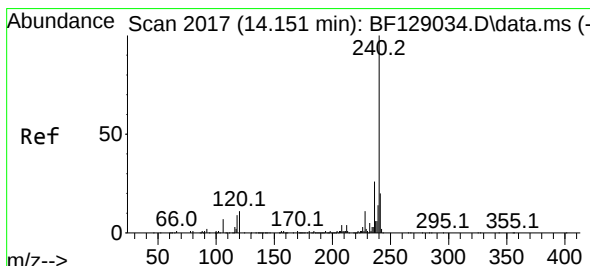
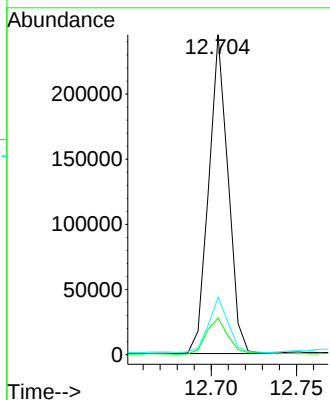
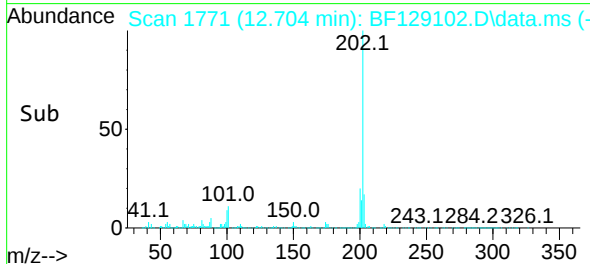
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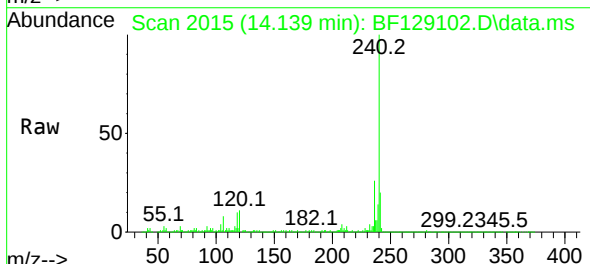
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Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 18.0 0.0 38.0

Manual Integrations
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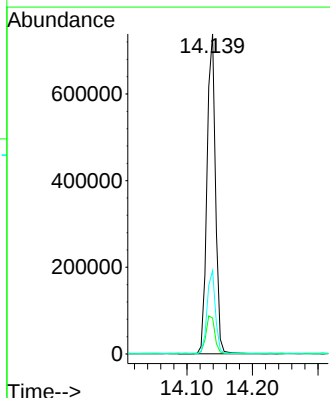
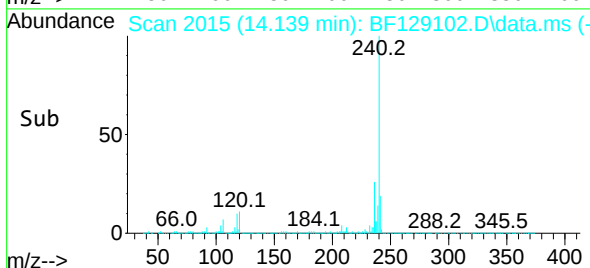
Reviewed By :Christian Giraldo 07/05/2022
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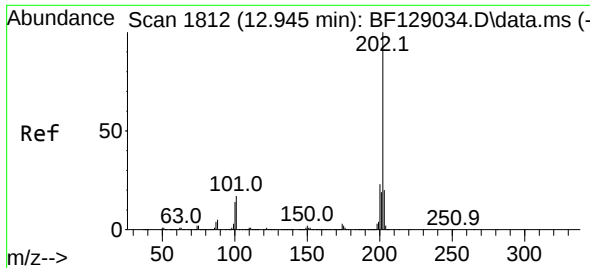


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27



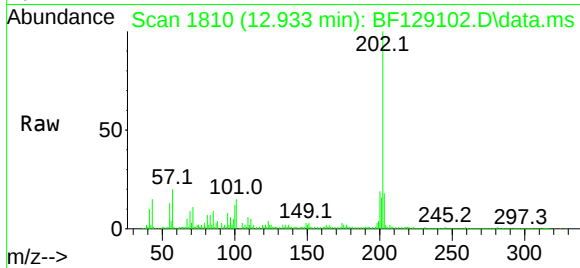
Tgt Ion:240 Resp: 666560
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.0 20.8 31.2





#78
Pyrene
Concen: 3.725 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

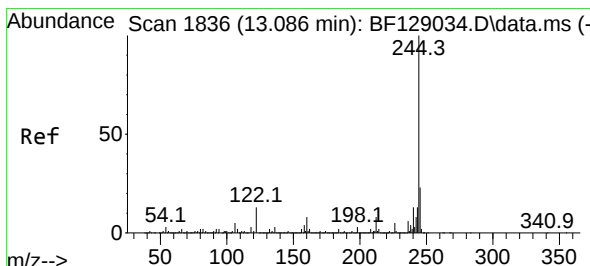
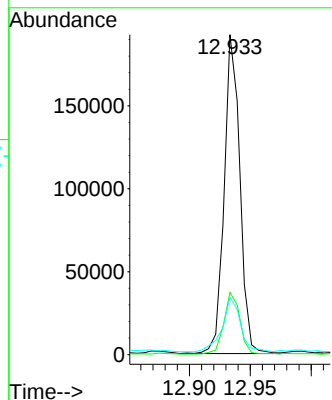
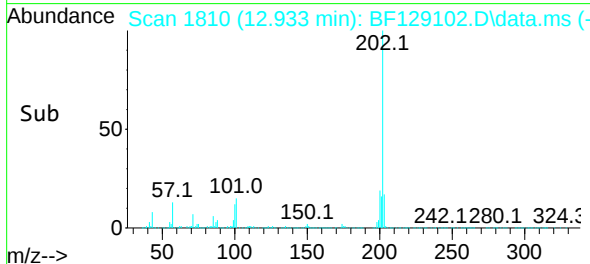
Instrument :
BNA_F
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D62922



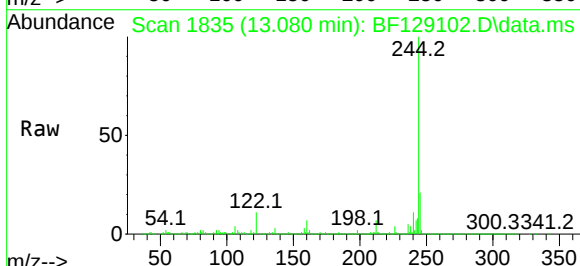
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Ion Ratio Lower Upper
202 100
200 19.5 17.7 26.5
203 17.9 14.6 21.8

Manual Integrations
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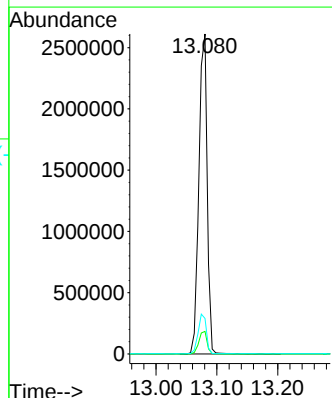
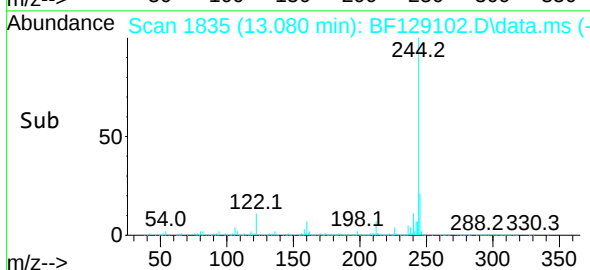
Reviewed By :Christian Giraldo 07/05/2022
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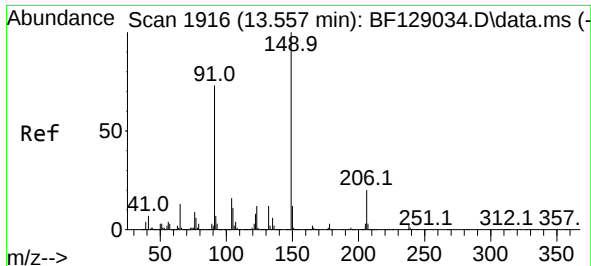


#79
Terphenyl-d14
Concen: 76.904 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27



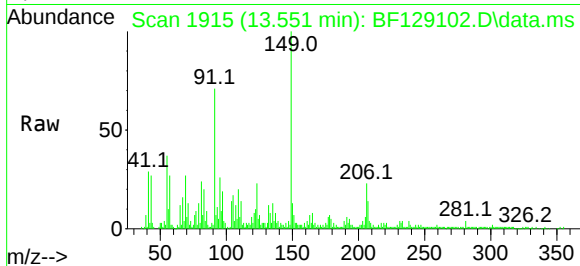
Tgt Ion:244 Resp: 2468483
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 11.1 8.8 13.2





#80
Butylbenzylphthalate
Concen: 2.642 ng
RT: 13.551 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

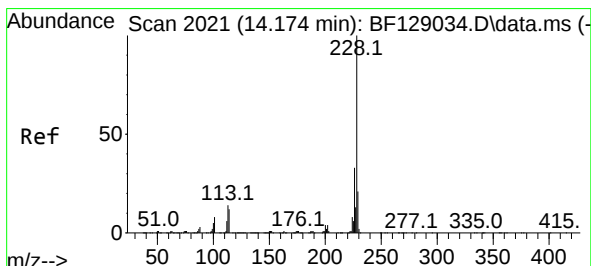
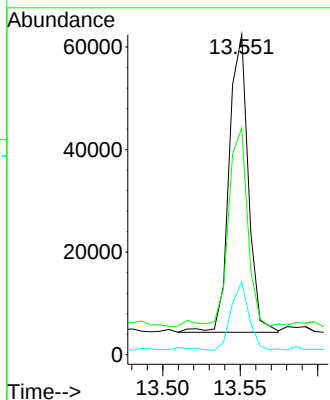
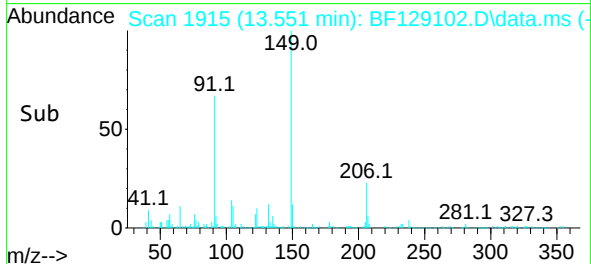
Instrument :
BNA_F
ClientSampleId :
D62922



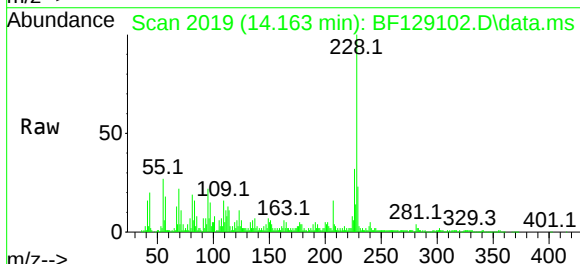
Tgt Ion:149 Resp: 49725
Ion Ratio Lower Upper
149 100
91 70.9 61.2 91.8
206 22.7 15.7 23.5

Manual Integrations
APPROVED

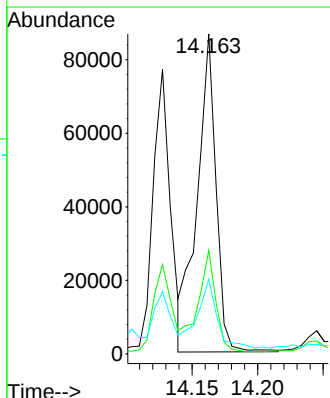
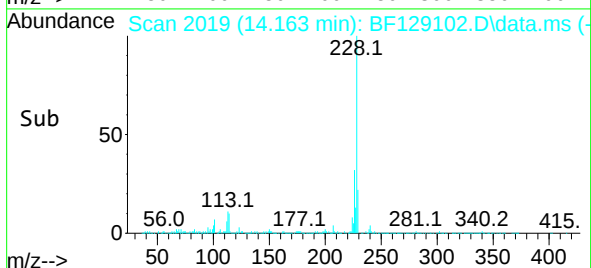
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

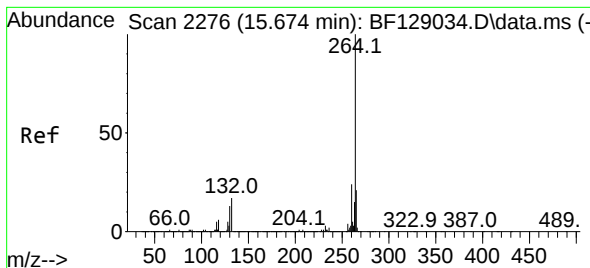


#83
Chrysene
Concen: 2.305 ng
RT: 14.163 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27



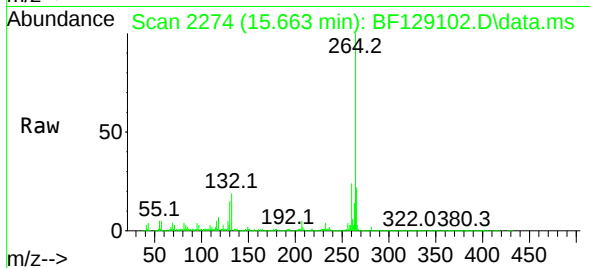
Tgt Ion:228 Resp: 87090
Ion Ratio Lower Upper
228 100
226 32.4 24.3 36.5
229 23.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27

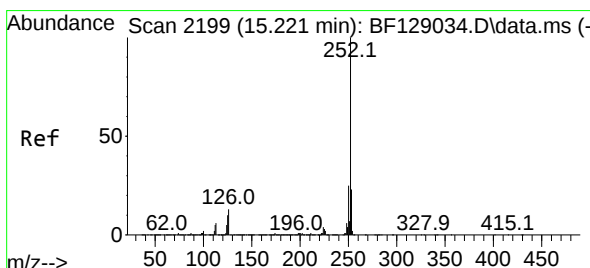
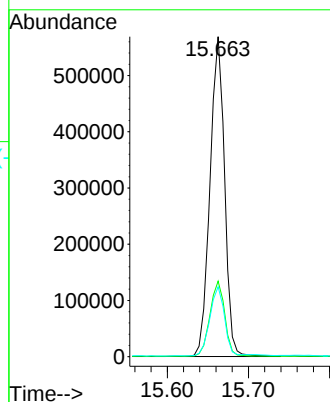
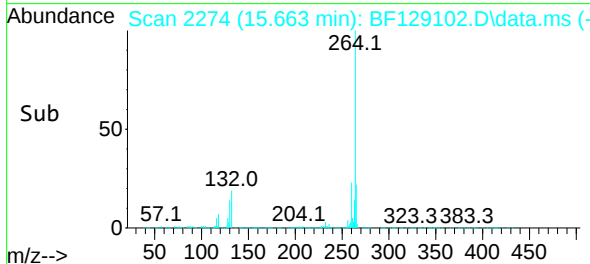
Instrument :
BNA_F
ClientSampleId :
D62922



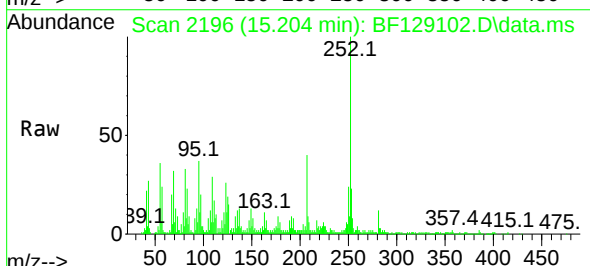
Tgt Ion:264 Resp: 70913
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.8 17.2 25.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#88
Benzo(b)fluoranthene
Concen: 2.749 ng m
RT: 15.204 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF129102.D
Acq: 01 Jul 2022 20:27



Tgt Ion:252 Resp: 117259
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 18.5 8.0 12.0#

