

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129149.D
 Acq On : 06 Jul 2022 18:28
 Operator : CG\JU
 Sample : N3562-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7B

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 00:26:59 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	254768	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	912704	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	412514	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	606921	20.000	ng	0.00
76) Chrysene-d12	14.139	240	575390	20.000	ng	-0.01
86) Perylene-d12	15.668	264	651504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1552204	103.004	ng	0.00
7) Phenol-d6	6.575	99	1901178	101.582	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1165755	76.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	394175	87.878	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2028426	78.665	ng	0.00
79) Terphenyl-d14	13.080	244	1662575	60.004	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.516	178	154062	5.313	ng	99
75) Fluoranthene	12.721	202	703256	23.189	ng	99
78) Pyrene	12.945	202	692440	17.362	ng	98
81) Benzo(a)anthracene	14.127	228	324380	9.233	ng	98
83) Chrysene	14.162	228	313247	9.604	ng	97
87) Indeno(1,2,3-cd)pyrene	17.215	276	198794m	4.975	ng	
88) Benzo(b)fluoranthene	15.209	252	443458m	11.318	ng	
89) Benzo(k)fluoranthene	15.239	252	166908m	4.392	ng	
90) Benzo(a)pyrene	15.598	252	317308	9.934	ng	98
92) Benzo(g,h,i)perylene	17.686	276	175930	5.383	ng	97

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

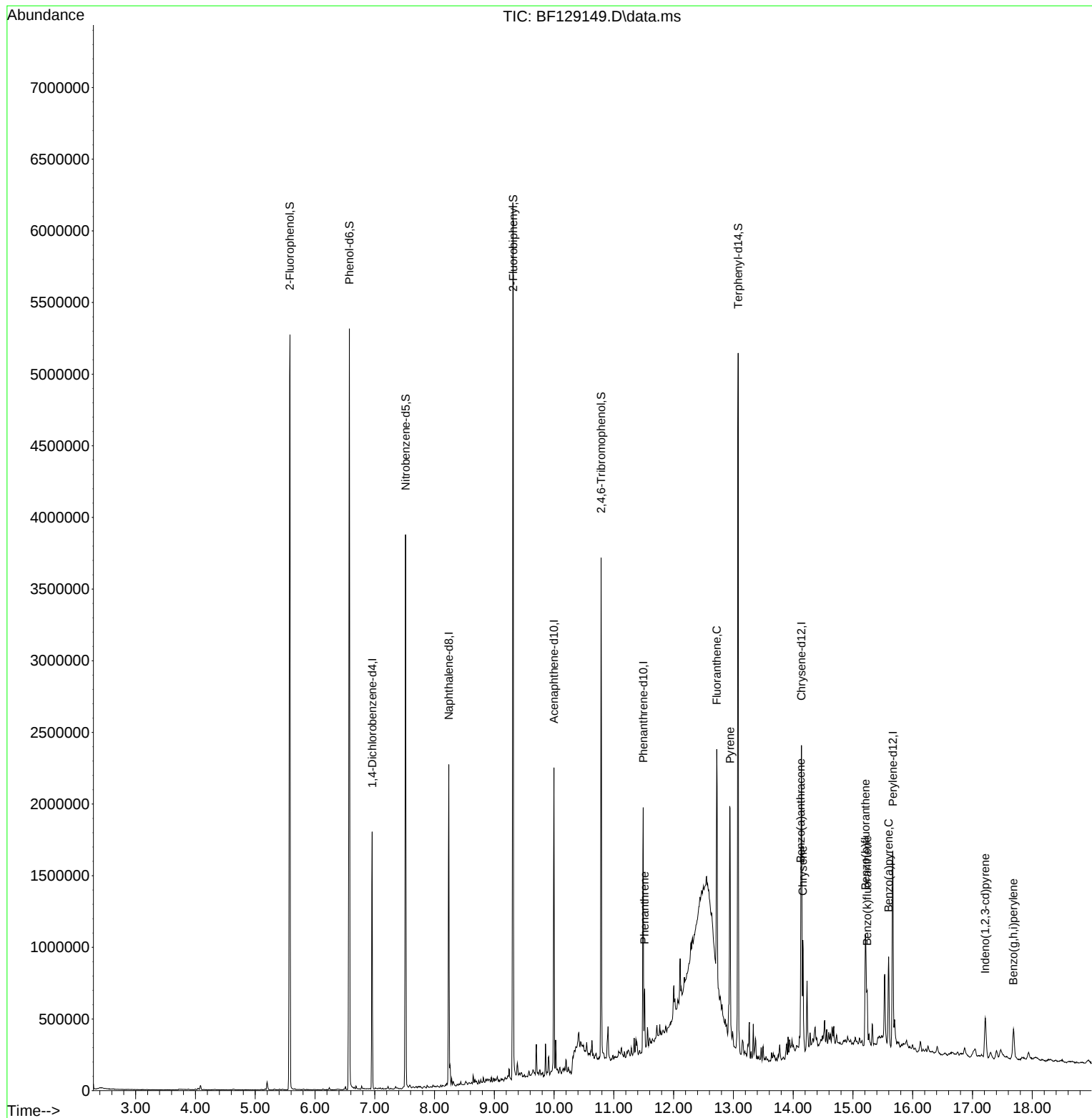
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

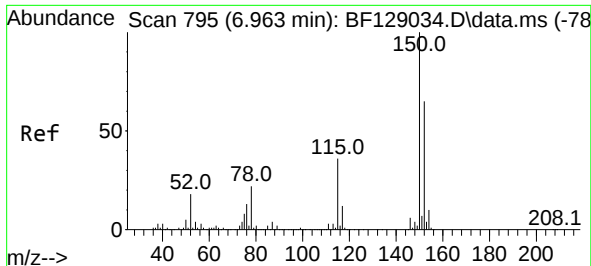
Instrument :
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ClientSampleId :
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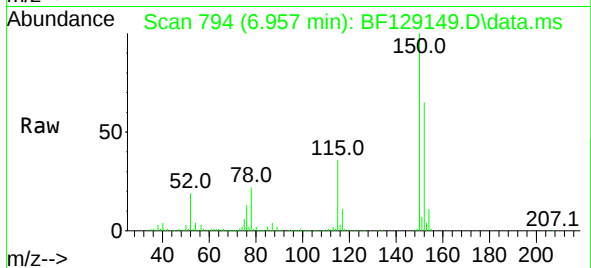
Quant Time: Jul 07 00:26:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

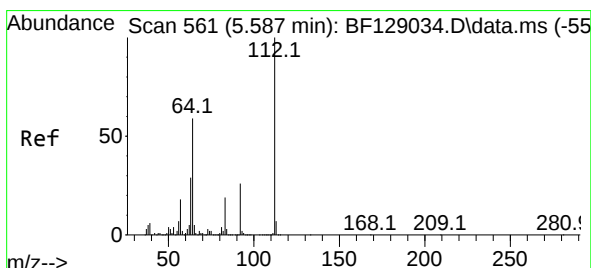
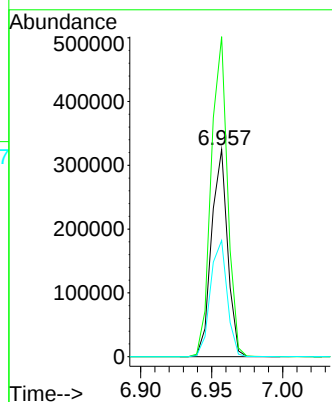
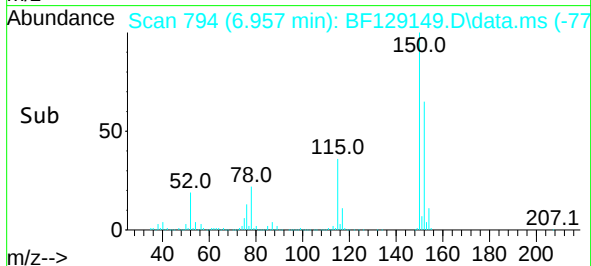
Instrument :
BNA_F
Client SampleId :
SB-7B



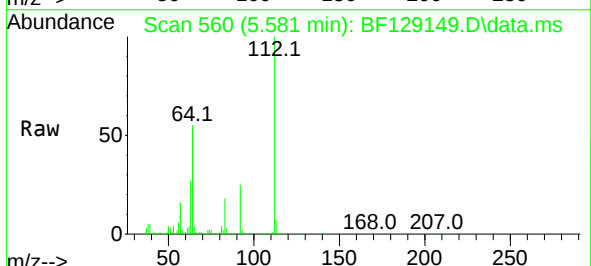
Tgt Ion:152 Resp: 254768
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 56.1 49.9 74.9

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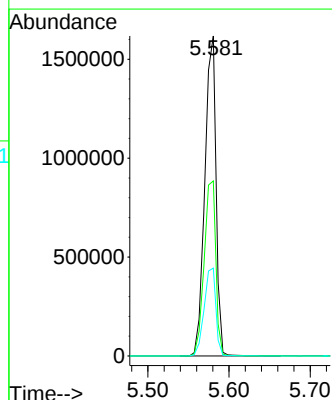
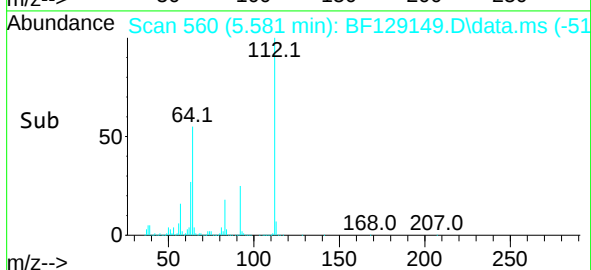
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#5
2-Fluorophenol
Concen: 103.004 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28



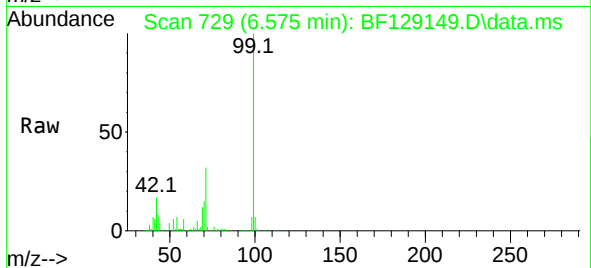
Tgt Ion:112 Resp: 1552204
Ion Ratio Lower Upper
112 100
64 54.7 53.3 79.9
63 27.4 28.0 42.0





#7
Phenol-d6
Concen: 101.582 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

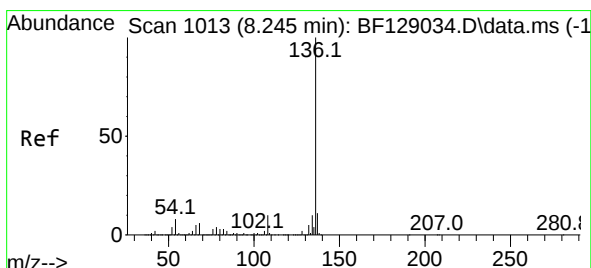
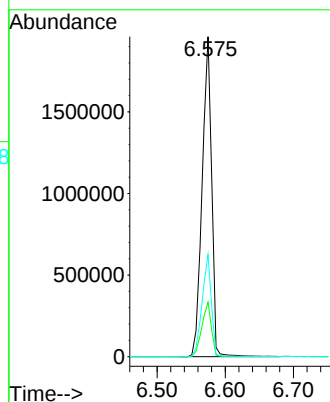
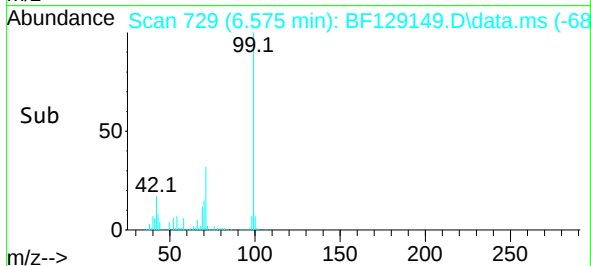
Instrument :
BNA_F
ClientSampleId :
SB-7B



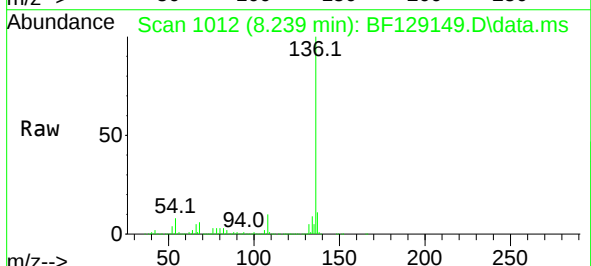
Tgt Ion: 99 Resp: 1901178
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9
71 31.9 28.9 43.3

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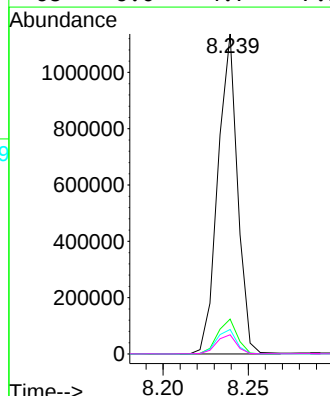
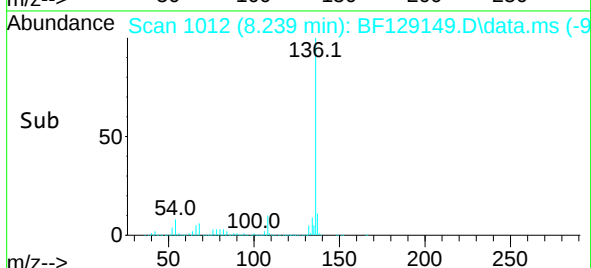
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

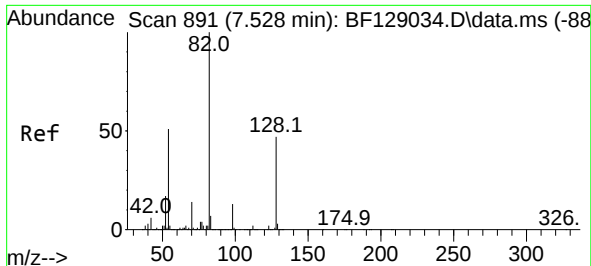


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28



Tgt Ion:136 Resp: 912704
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 7.5 11.3
68 6.0 4.7 7.1





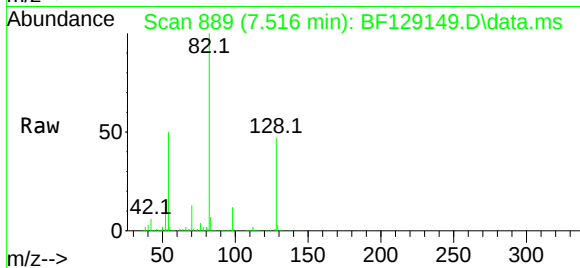
#23
Nitrobenzene-d5
Concen: 76.184 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

SB-7B

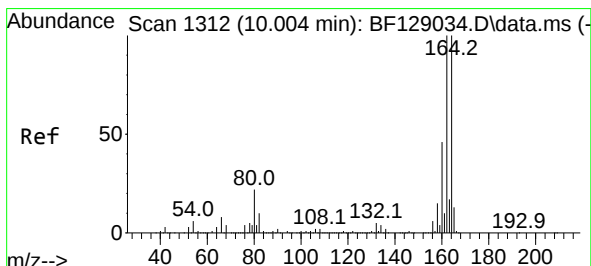
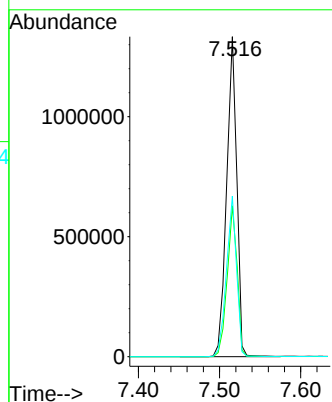


Tgt Ion: 82 Resp: 116575
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 50.2 46.9 70.3

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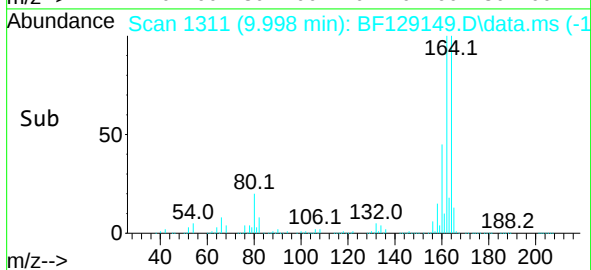
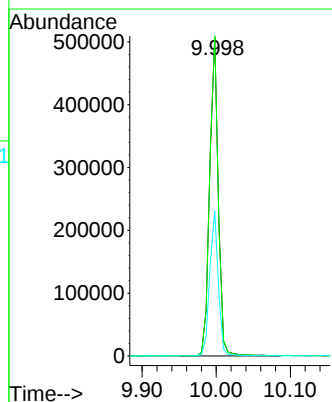
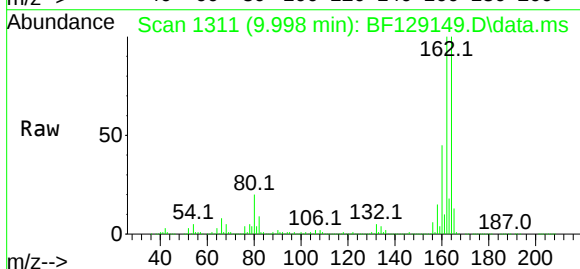
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Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

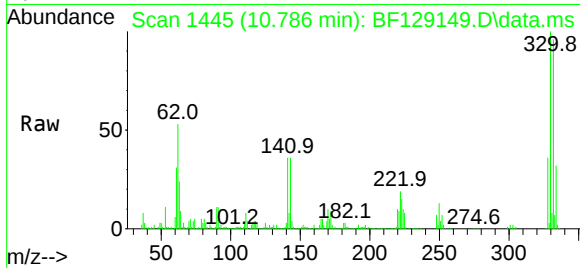
Tgt Ion:164 Resp: 412514
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 45.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 87.878 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

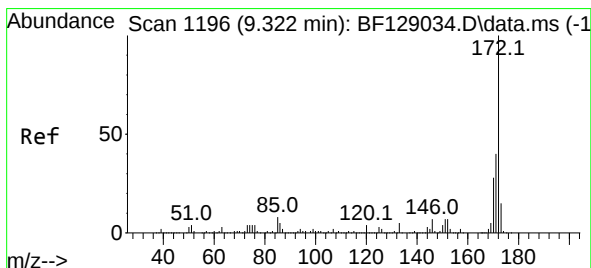
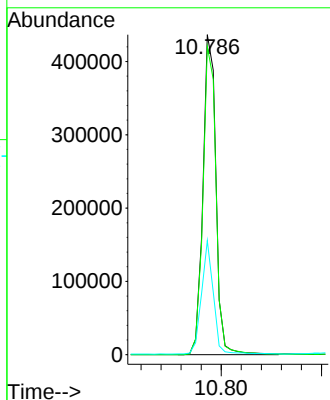
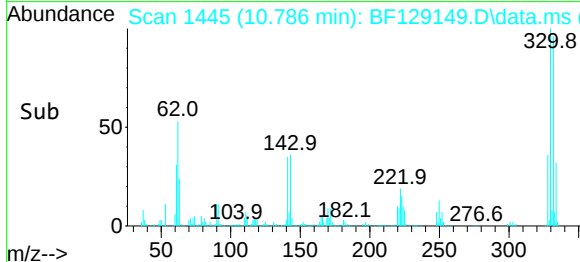
Instrument :
BNA_F
ClientSampleId :
SB-7B



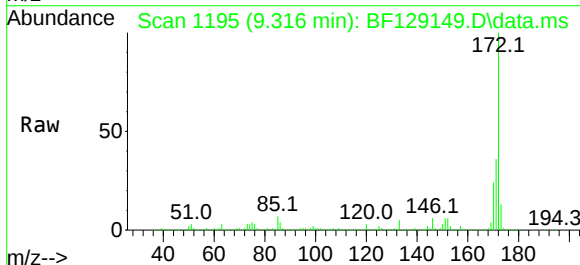
Tgt Ion: 330 Resp: 394175
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 32.5 28.0 42.0

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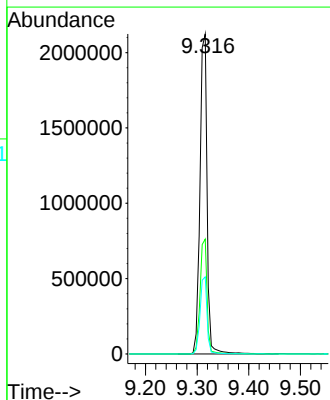
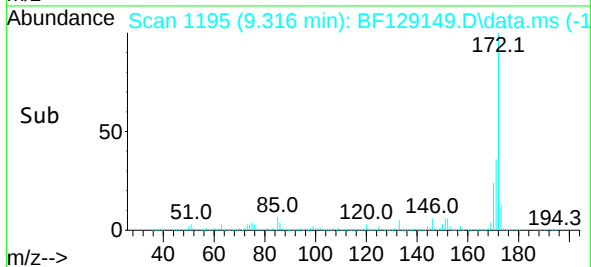
Reviewed By : Christian Giraldo 07/07/2022
Supervised By : Jagrut Upadhyay 07/07/2022

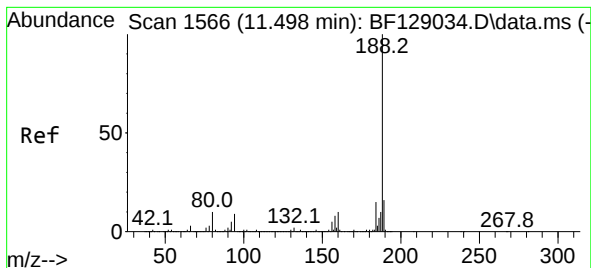


#45
2-Fluorobiphenyl
Concen: 78.665 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28



Tgt Ion: 172 Resp: 2028426
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11492
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

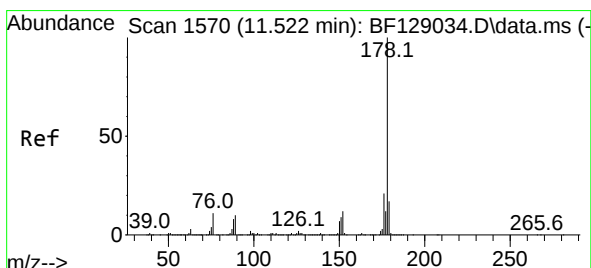
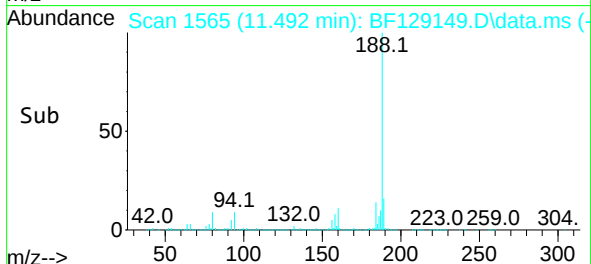
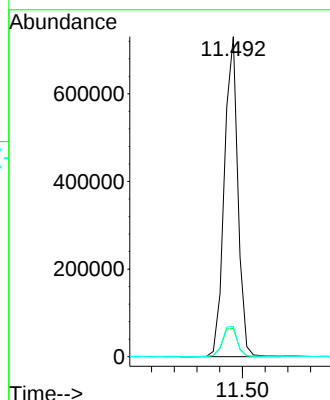
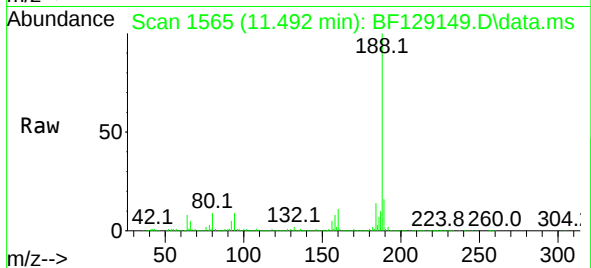
SB-7B

Tgt Ion:188 Resp: 60692
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.4 7.6 11.4

Manual Integrations

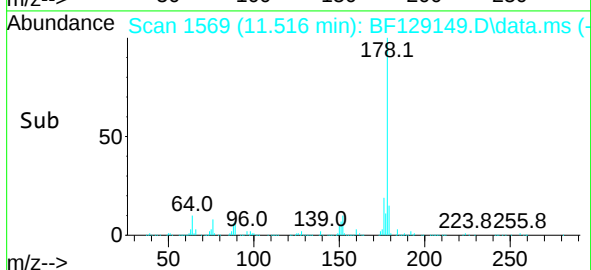
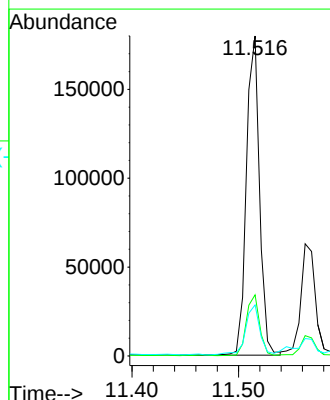
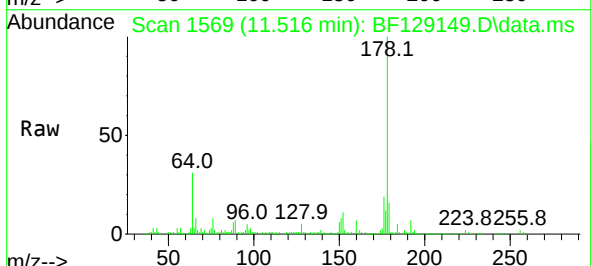
APPROVED

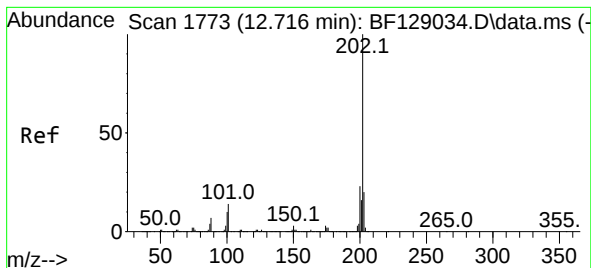
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#71
Phenanthrene
Concen: 5.313 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:178 Resp: 154062
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.9 12.6 19.0





#75

Fluoranthene

Concen: 23.189 ng

RT: 12.721 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

SB-7B

Tgt Ion:202 Resp: 703250

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

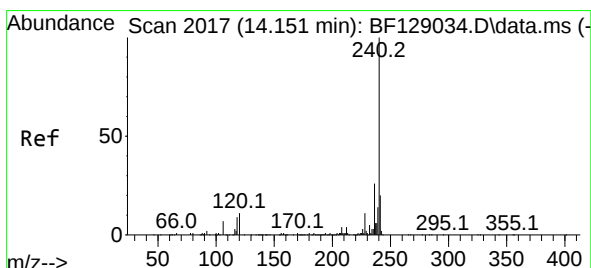
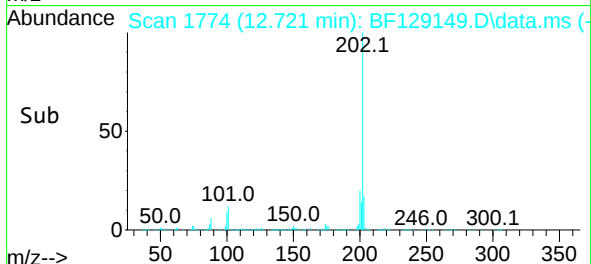
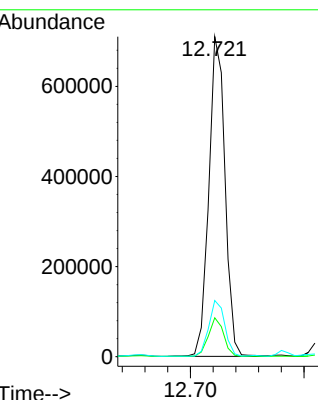
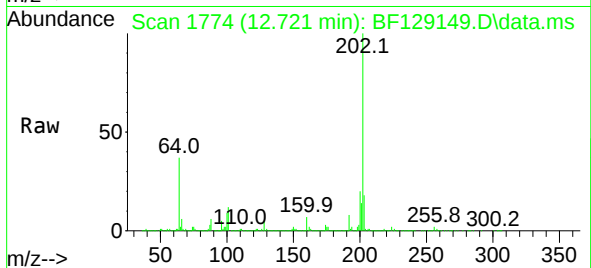
203 17.5 0.0 38.0

Manual Integrations

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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: BF129149.D

Acq: 06 Jul 2022 18:28

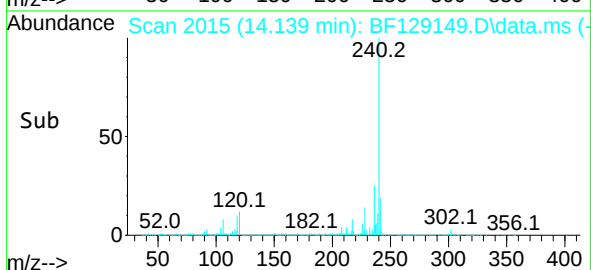
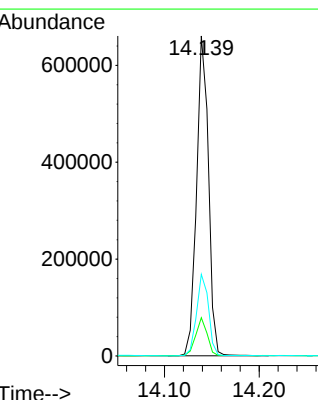
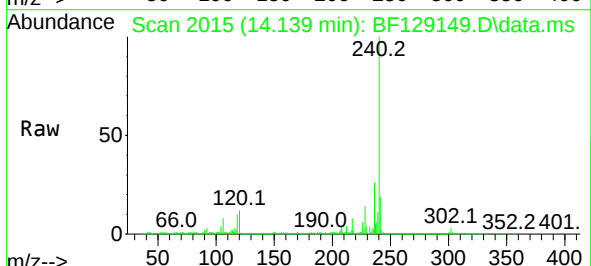
Tgt Ion:240 Resp: 575390

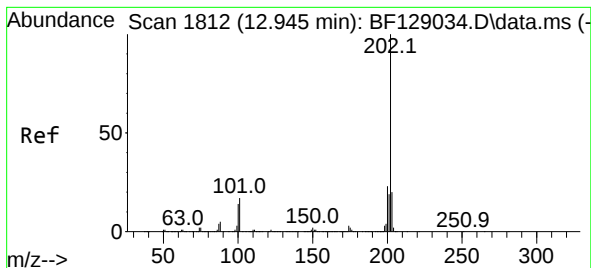
Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 25.5 20.8 31.2





#78

Pyrene

Concen: 17.362 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

SB-7B

Tgt Ion:202 Resp: 692440

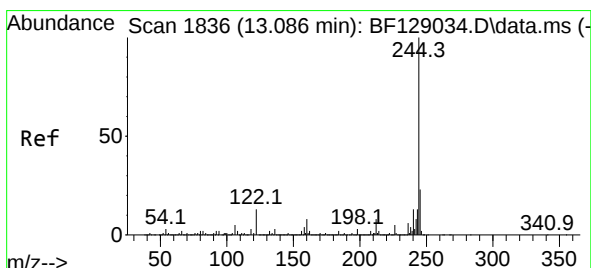
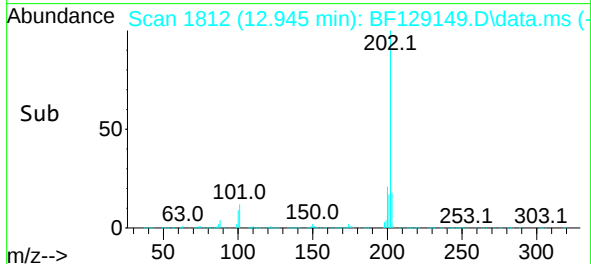
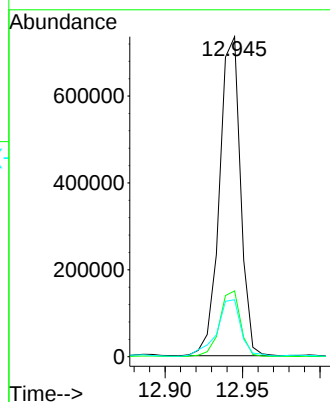
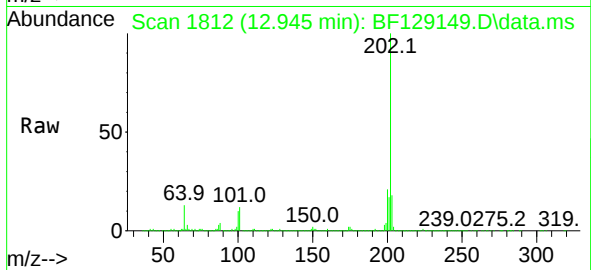
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.8	14.6	21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/07/2022



#79

Terphenyl-d14

Concen: 60.004 ng

RT: 13.080 min Scan# 1835

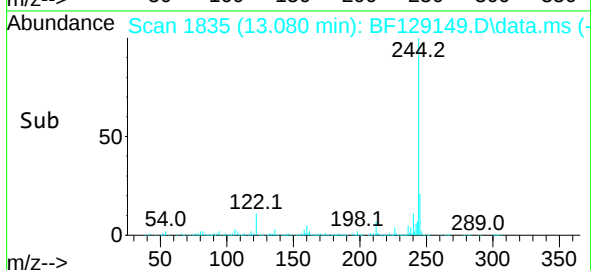
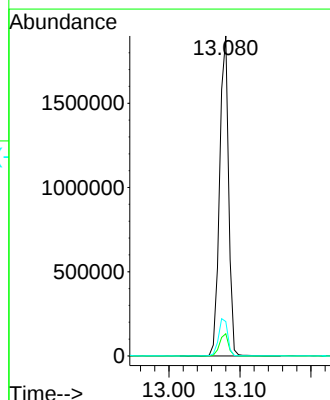
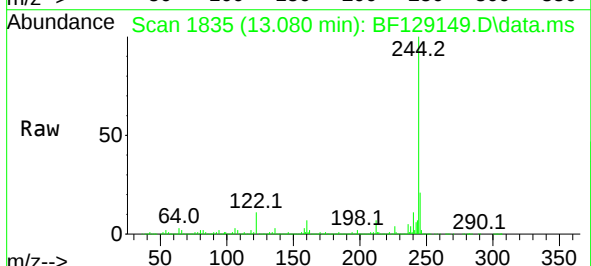
Delta R.T. -0.006 min

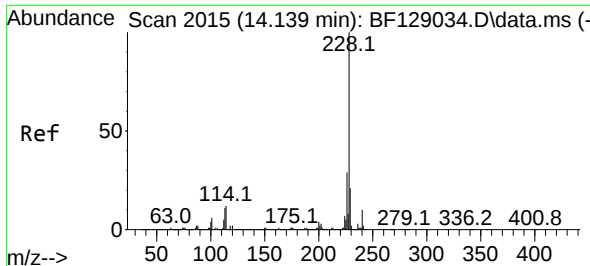
Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Tgt Ion:244 Resp: 1662575

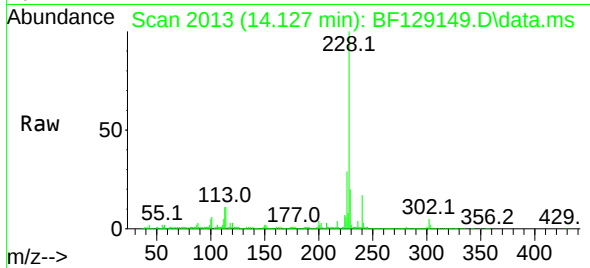
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	10.8	8.8	13.2





#81
Benzo(a)anthracene
Concen: 9.233 ng
RT: 14.127 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

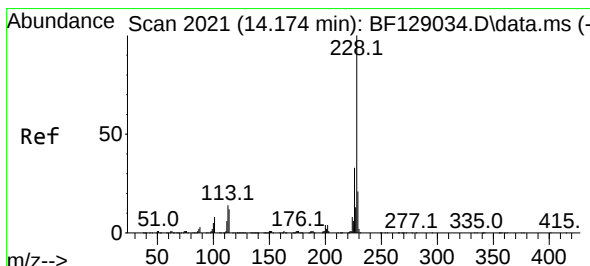
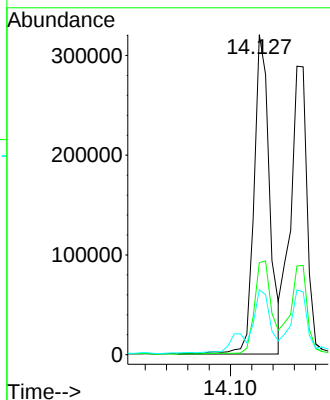
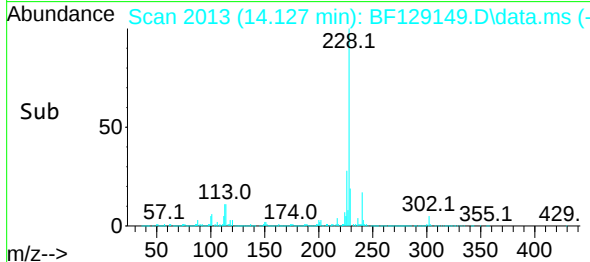
Instrument :
BNA_F
ClientSampleId :
SB-7B



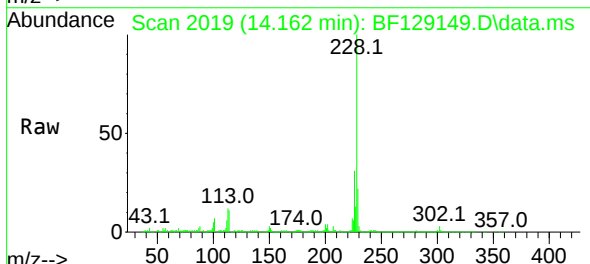
Tgt Ion:228 Resp: 324380
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 20.2 15.8 23.8

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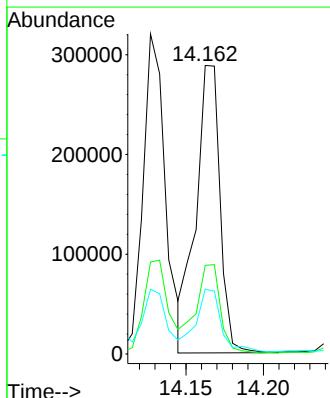
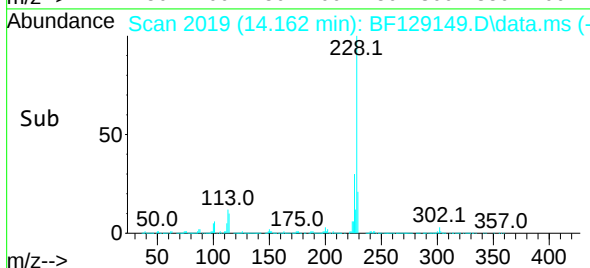
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

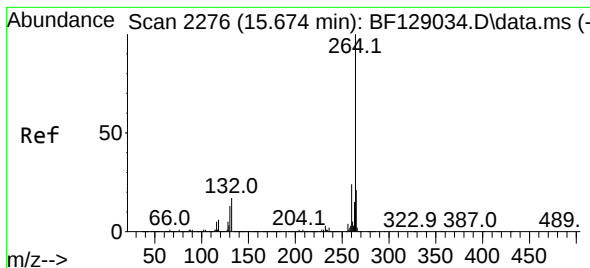


#83
Chrysene
Concen: 9.604 ng
RT: 14.162 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28



Tgt Ion:228 Resp: 313247
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.5 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

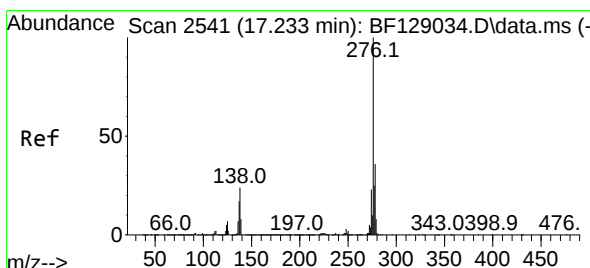
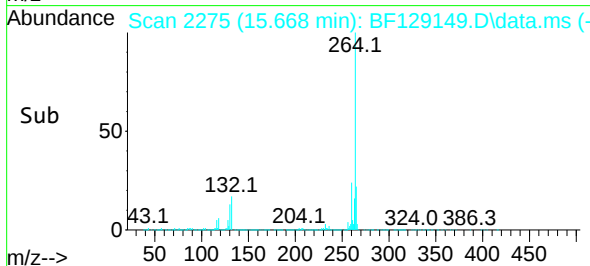
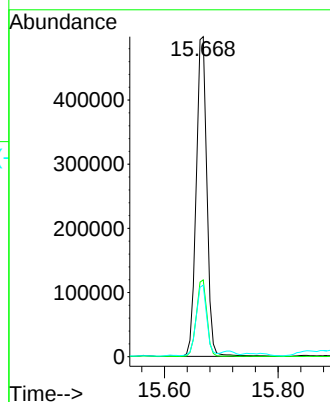
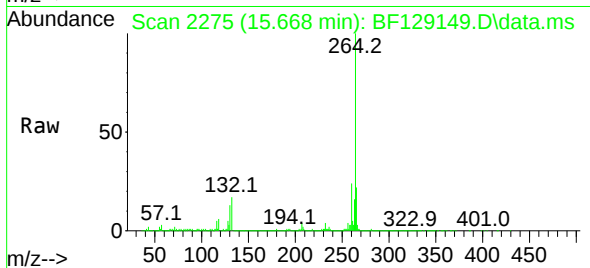
ClientSampleId :

SB-7B

Tgt Ion:264 Resp: 651504
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.3 17.2 25.8

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



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.975 ng m

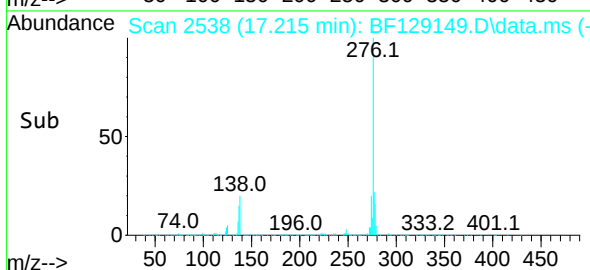
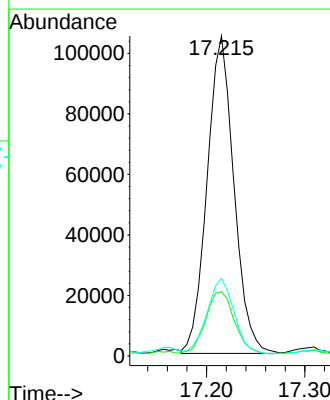
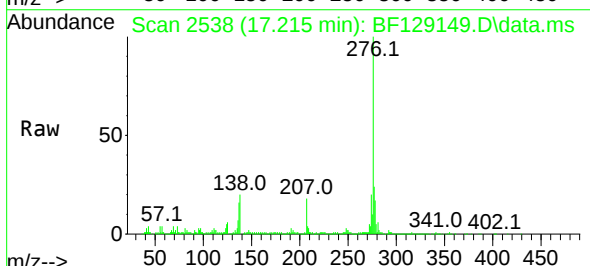
RT: 17.215 min Scan# 2538

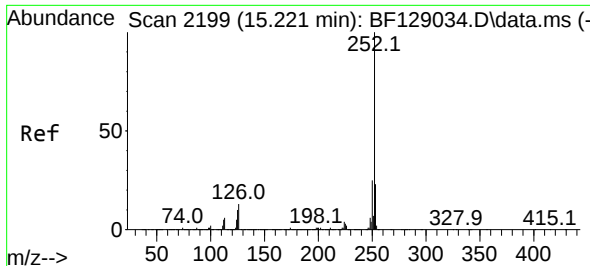
Delta R.T. -0.018 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

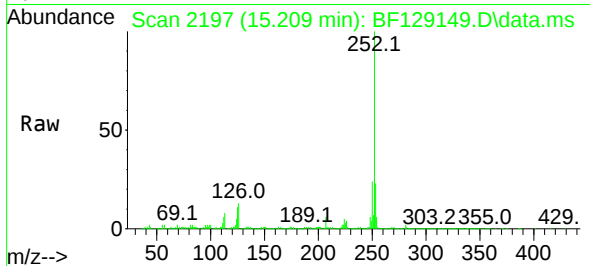
Tgt Ion:276 Resp: 198794
 Ion Ratio Lower Upper
 276 100
 138 4.6 21.1 31.7#
 277 4.8 20.3 30.5#





#88
Benzo(b)fluoranthene
Concen: 11.318 ng m
RT: 15.209 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

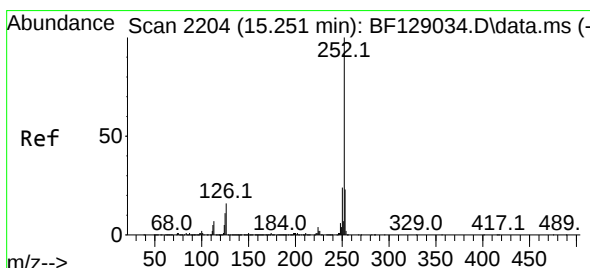
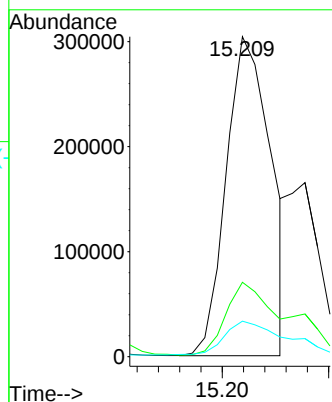
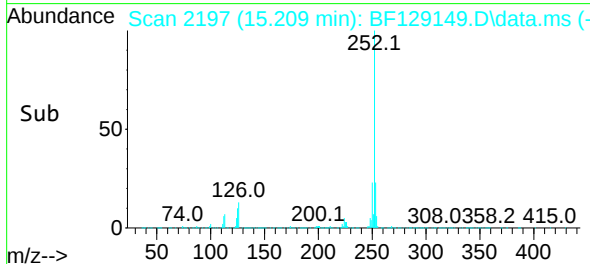
Instrument :
BNA_F
ClientSampleId :
SB-7B



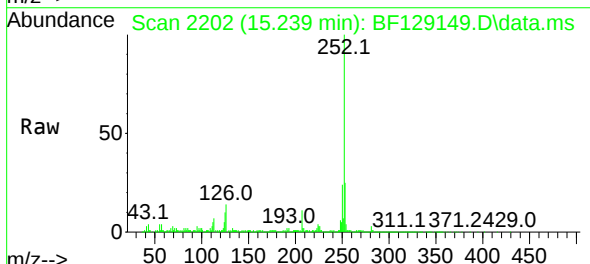
Tgt Ion:252 Resp: 443458
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.1 8.0 12.0

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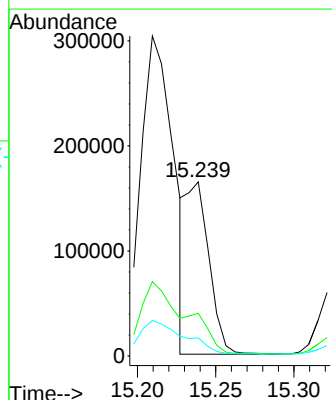
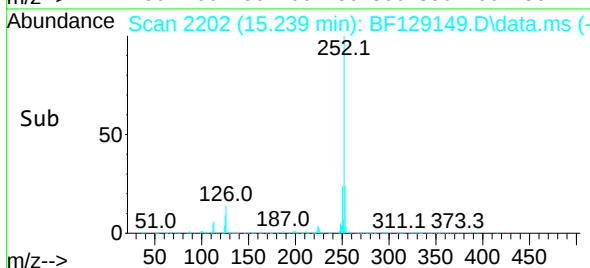
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

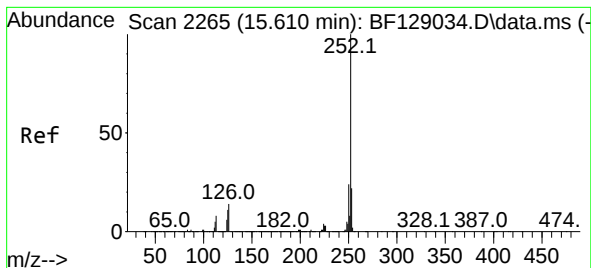


#89
Benzo(k)fluoranthene
Concen: 4.392 ng m
RT: 15.239 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28



Tgt Ion:252 Resp: 166908
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 10.4 8.3 12.5





#90

Benzo(a)pyrene

Concen: 9.934 ng

RT: 15.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

SB-7B

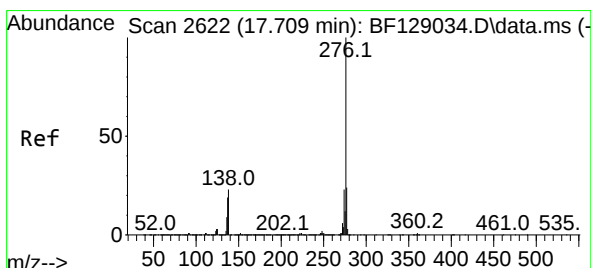
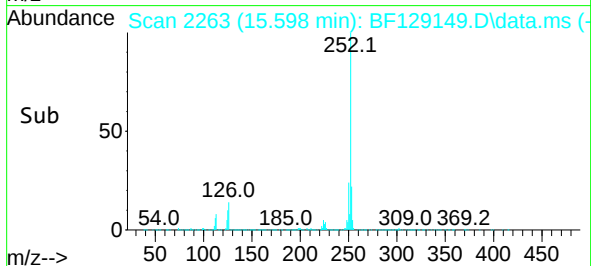
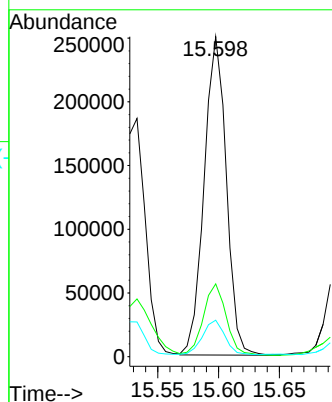
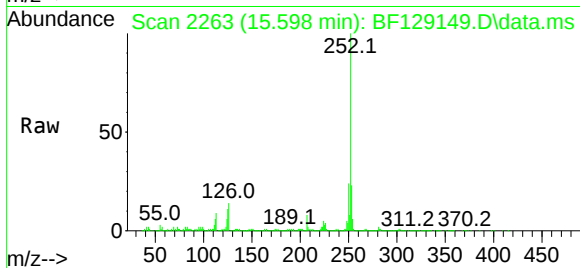
Tgt Ion:252 Resp: 317308
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.0 25.6
 125 11.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#92

Benzo(g,h,i)perylene

Concen: 5.383 ng

RT: 17.686 min Scan# 2618

Delta R.T. -0.024 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Tgt Ion:276 Resp: 175930
 Ion Ratio Lower Upper
 276 100
 277 21.9 19.1 28.7
 138 21.2 18.0 27.0

