

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129109.D
 Acq On : 01 Jul 2022 23:59
 Operator : CG\JU
 Sample : N3562-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8A

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 01:27:48 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	330348	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1216053	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	543743	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	831747	20.000	ng	0.00
76) Chrysene-d12	14.139	240	674723	20.000	ng	-0.01
86) Perylene-d12	15.668	264	541410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1823035	93.298	ng	0.00
7) Phenol-d6	6.575	99	2248390	92.649	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1382919	67.831	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	463898	78.462	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2437487	71.715	ng	0.00
79) Terphenyl-d14	13.080	244	2027576	62.404	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.516	178	511516	12.871	ng	98
72) Anthracene	11.563	178	128879	3.289	ng	99
75) Fluoranthene	12.710	202	649094	15.618	ng	99
78) Pyrene	12.939	202	560430	11.983	ng	98
81) Benzo(a)anthracene	14.127	228	285582	6.932	ng	98
83) Chrysene	14.168	228	241937	6.326	ng	96
87) Indeno(1,2,3-cd)pyrene	17.221	276	87006	2.620	ng	96
88) Benzo(b)fluoranthene	15.215	252	254375m	7.812	ng	
89) Benzo(k)fluoranthene	15.239	252	76484m	2.422	ng	
90) Benzo(a)pyrene	15.598	252	179981	6.781	ng	# 91
92) Benzo(g,h,i)perylene	17.692	276	79547	2.929	ng	93

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

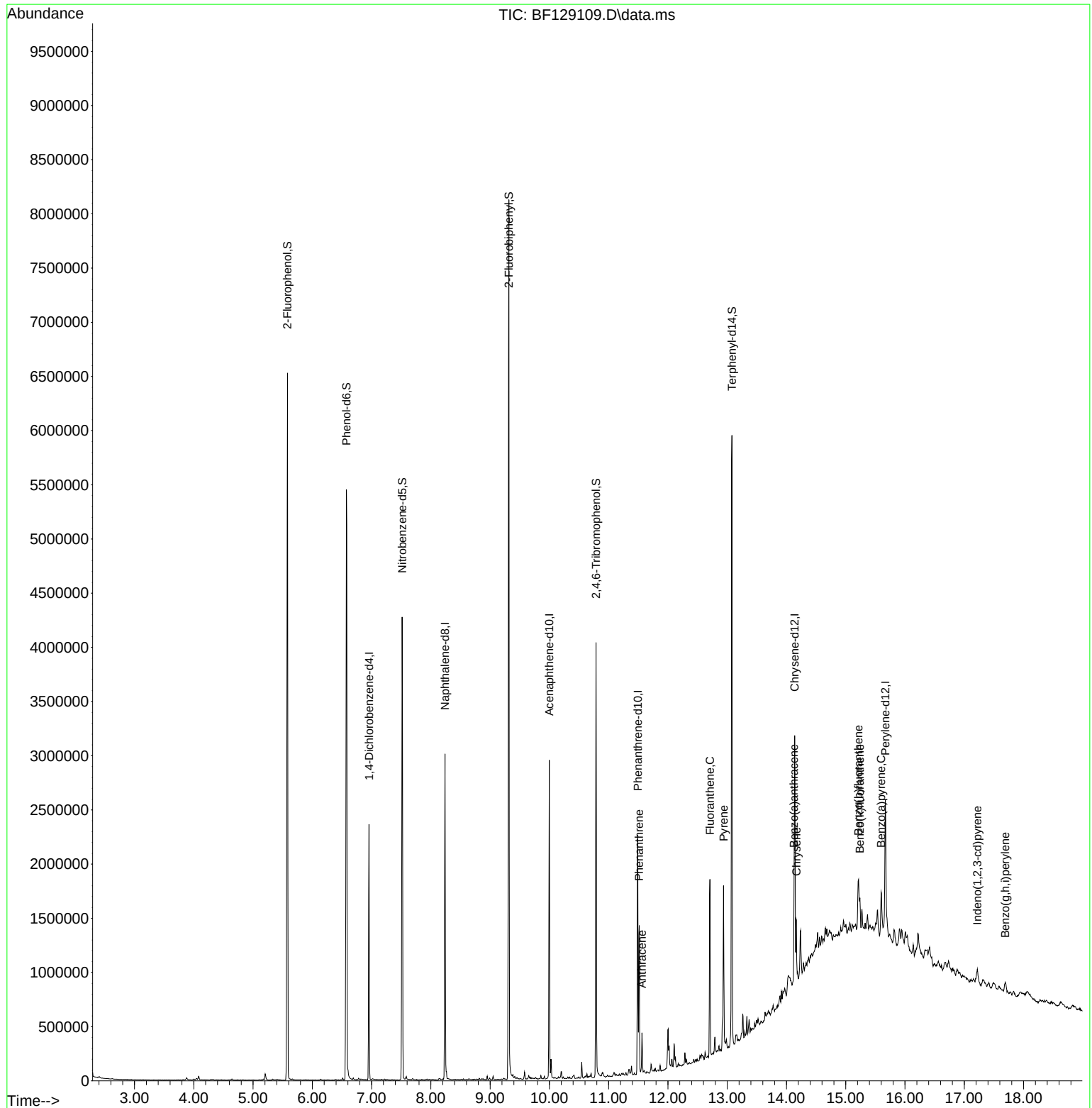
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129109.D
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ALS Vial : 19 Sample Multiplier: 1

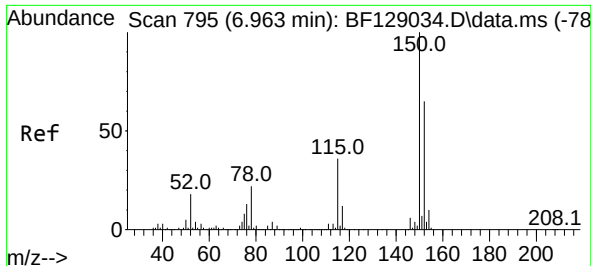
Instrument :
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Quant Time: Jul 02 01:27:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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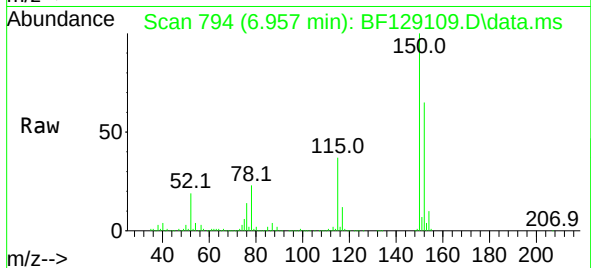
Reviewed By : Christian Giraldo 07/05/2022
Supervised By : Jagrut Upadhyay 07/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

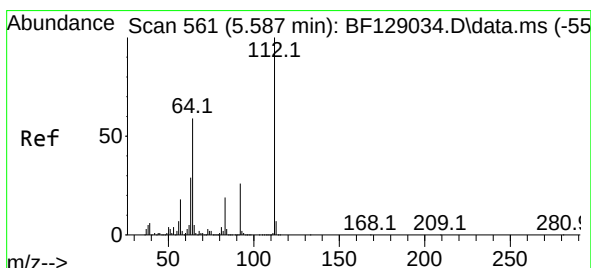
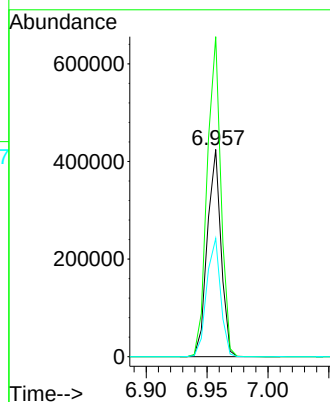
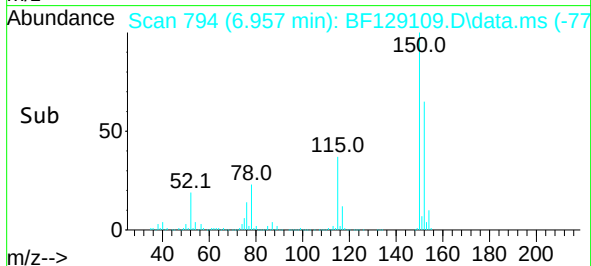
Instrument :
BNA_F
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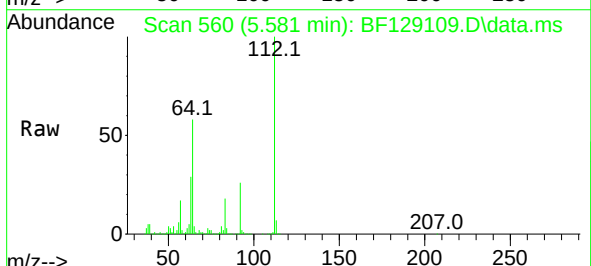
Tgt Ion:152 Resp: 330348
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 57.1 49.9 74.9

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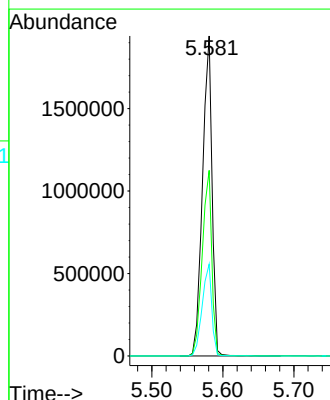
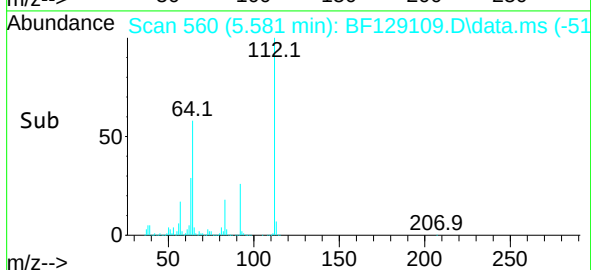
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

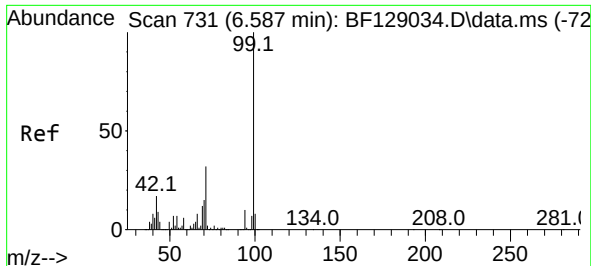


#5
2-Fluorophenol
Concen: 93.298 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59



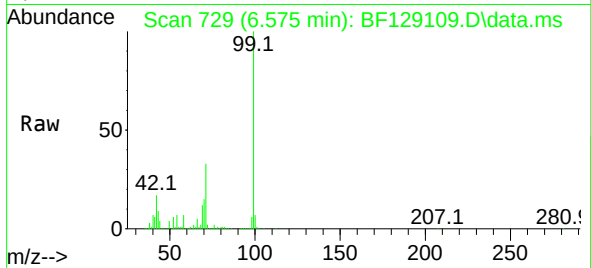
Tgt Ion:112 Resp: 1823035
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 28.7 28.0 42.0





#7
Phenol-d6
Concen: 92.649 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

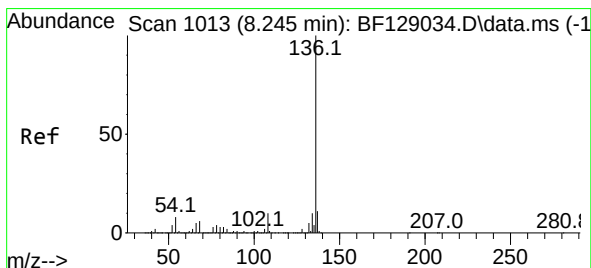
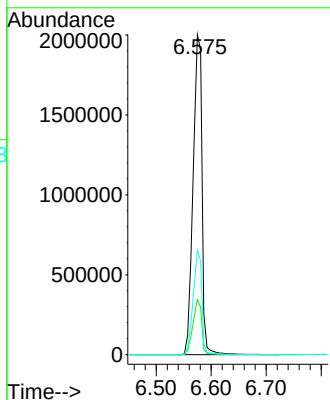
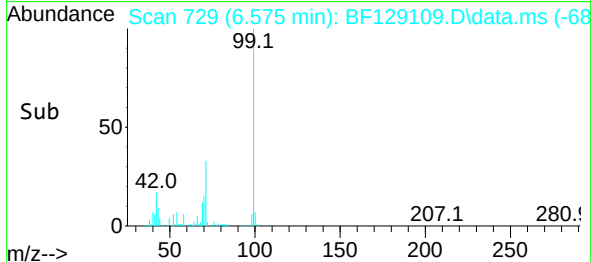
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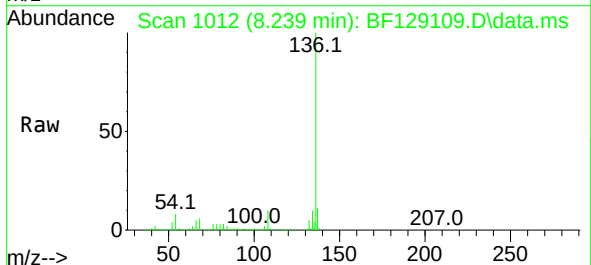
Tgt Ion: 99 Resp: 2248390
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 32.6 28.9 43.3

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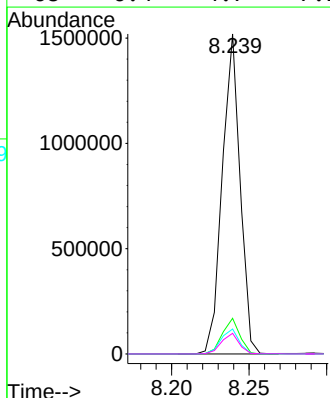
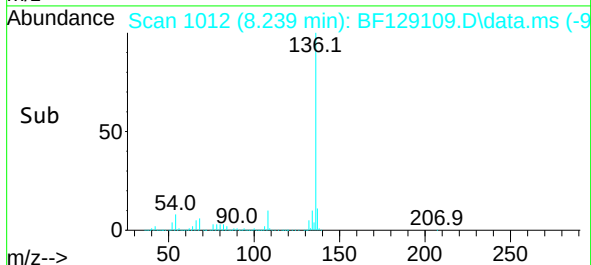
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

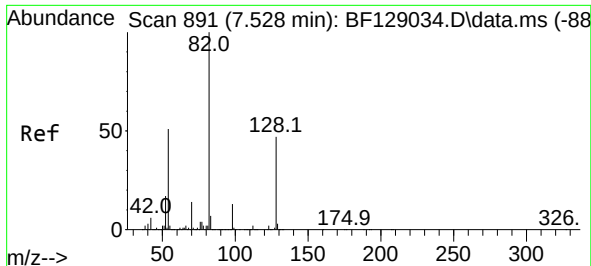


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59



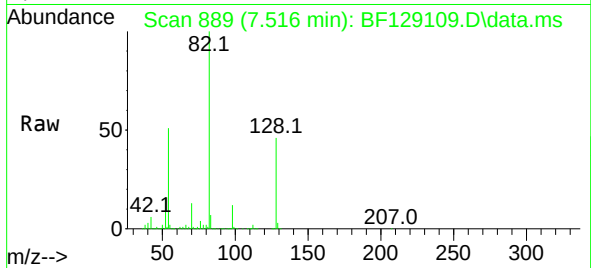
Tgt Ion:136 Resp: 1216053
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 7.5 11.3
68 6.4 4.7 7.1





#23
Nitrobenzene-d5
Concen: 67.831 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

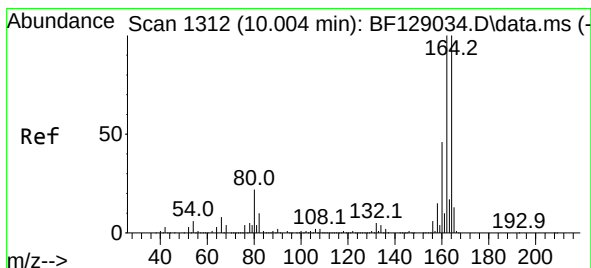
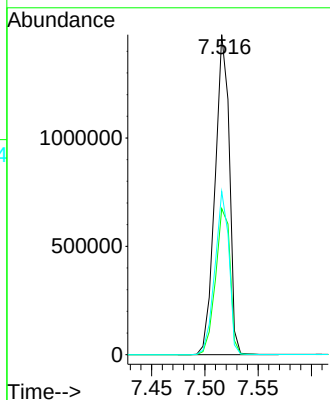
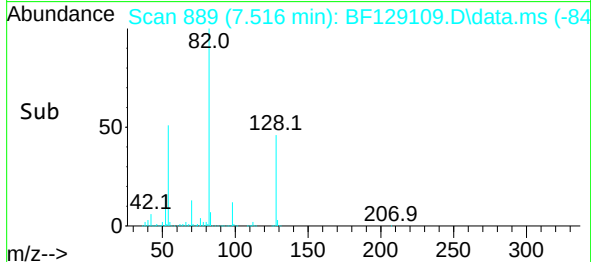
Instrument :
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ClientSampleId :
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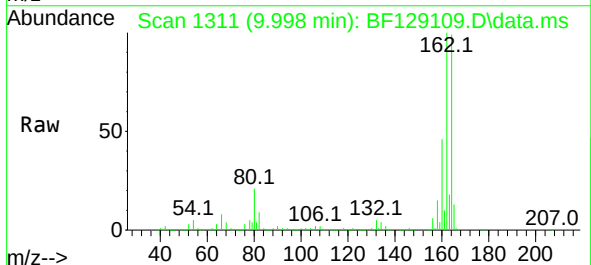
Tgt Ion: 82 Resp: 1382919
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 51.0 46.9 70.3

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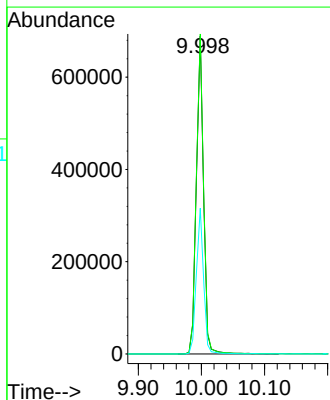
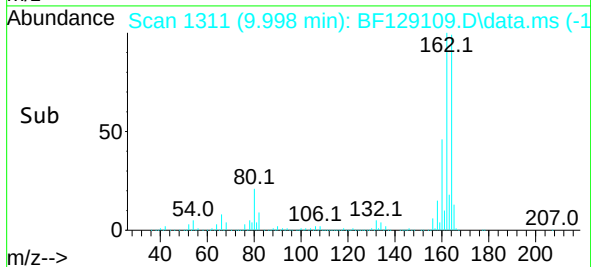
Reviewed By :Christian Giraldo 07/05/2022
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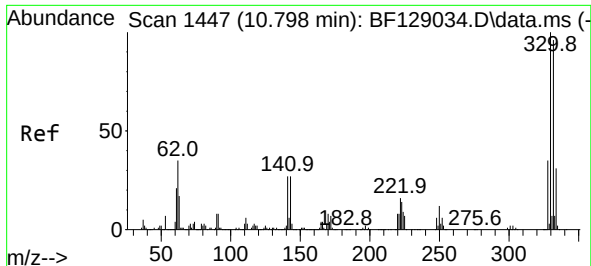


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59



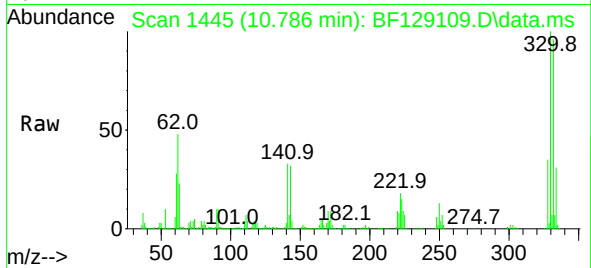
Tgt Ion:164 Resp: 543743
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 45.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 78.462 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

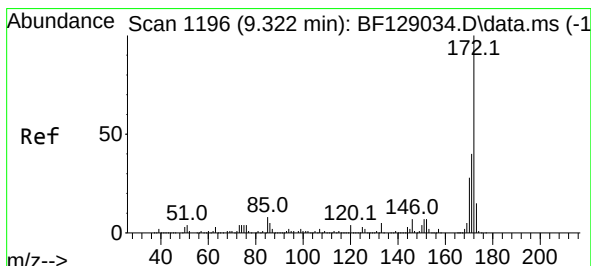
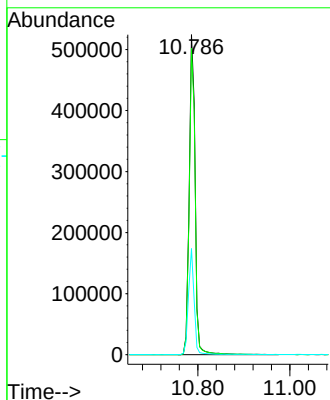
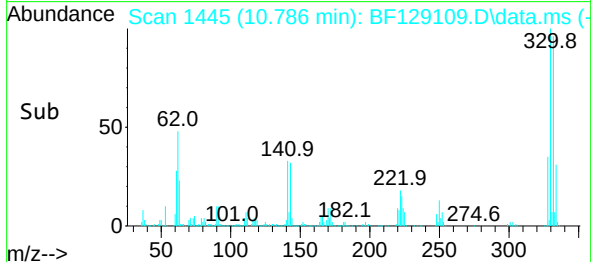
Instrument :
BNA_F
ClientSampleId :
SB-8A



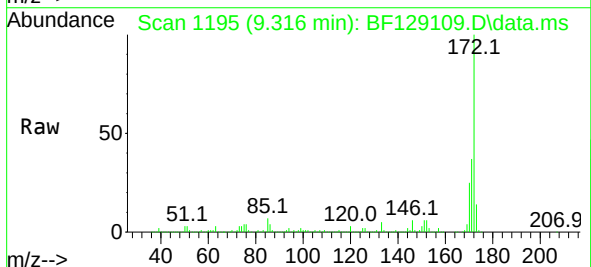
Tgt Ion:330 Resp: 463898
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 32.0 28.0 42.0

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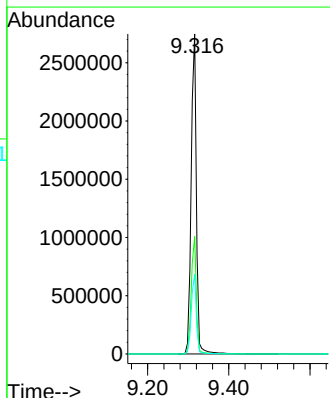
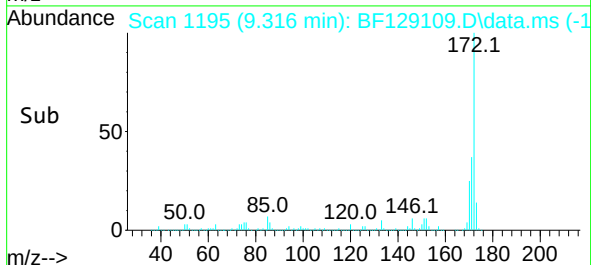
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Supervised By :Jagrut Upadhyay 07/05/2022

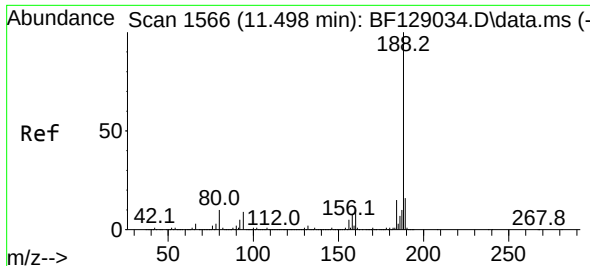


#45
2-Fluorobiphenyl
Concen: 71.715 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59



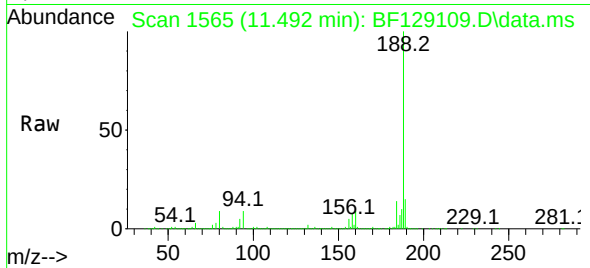
Tgt Ion:172 Resp: 2437487
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.9 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

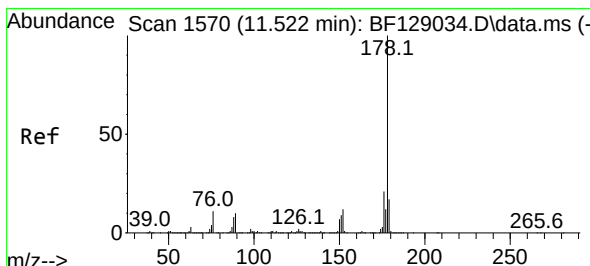
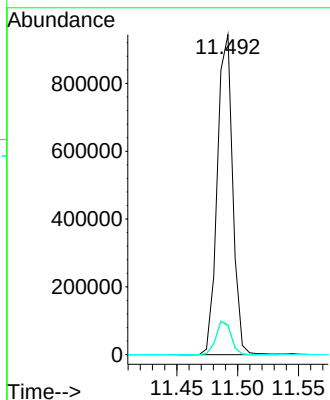
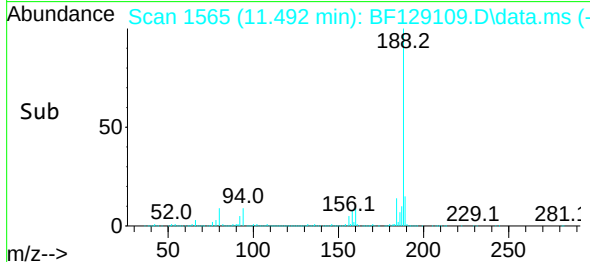
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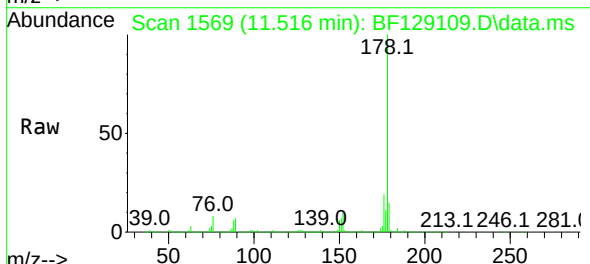
Tgt Ion:188 Resp: 83174
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.4 7.6 11.4

Manual Integrations
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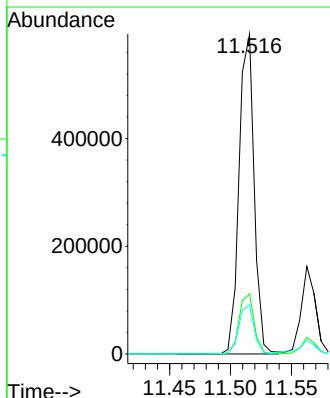
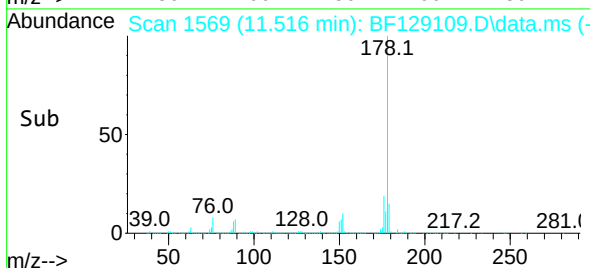
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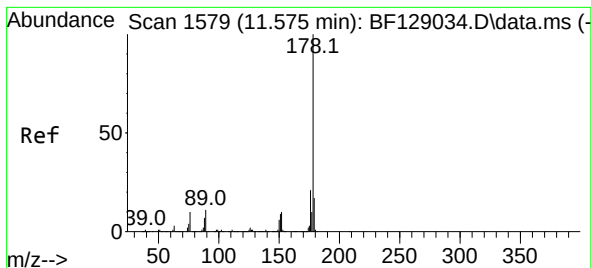


#71
Phenanthrene
Concen: 12.871 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59



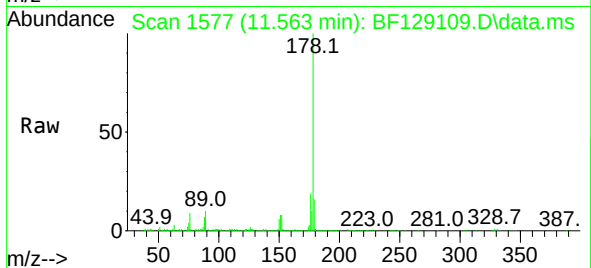
Tgt Ion:178 Resp: 511516
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.3 12.6 19.0





#72
 Anthracene
 Concen: 3.289 ng
 RT: 11.563 min Scan# 1157
 Delta R.T. -0.012 min
 Lab File: BF129109.D
 Acq: 01 Jul 2022 23:59

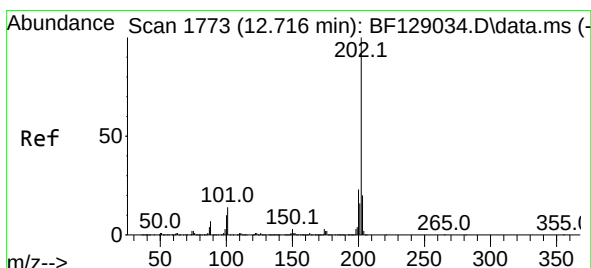
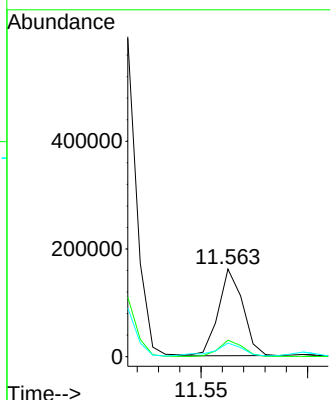
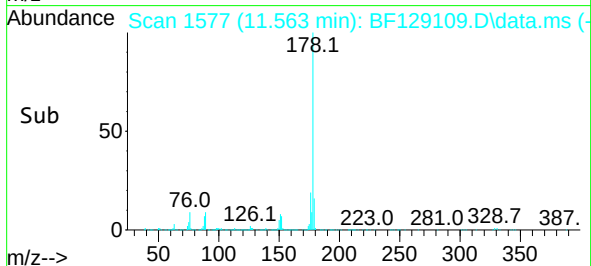
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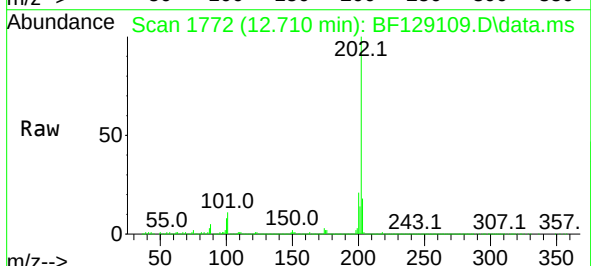
Tgt Ion:178 Resp: 128879
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0

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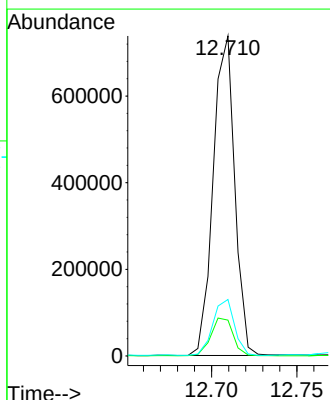
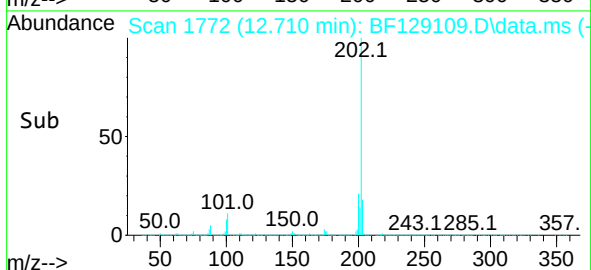
Reviewed By :Christian Giraldo 07/05/2022
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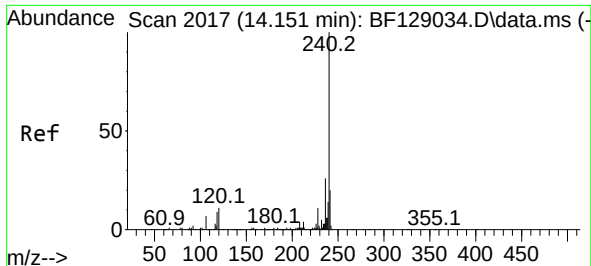


#75
 Fluoranthene
 Concen: 15.618 ng
 RT: 12.710 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: BF129109.D
 Acq: 01 Jul 2022 23:59



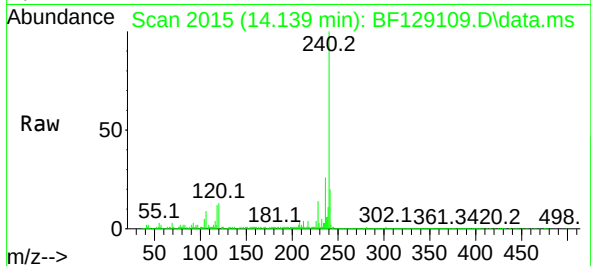
Tgt Ion:202 Resp: 649094
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 31.4
 203 17.7 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

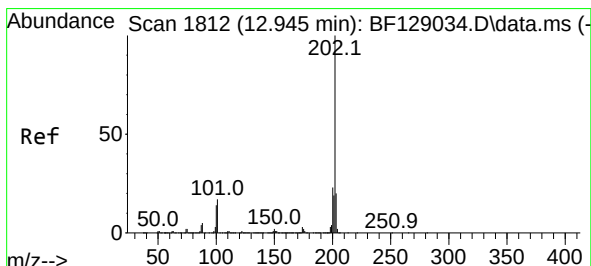
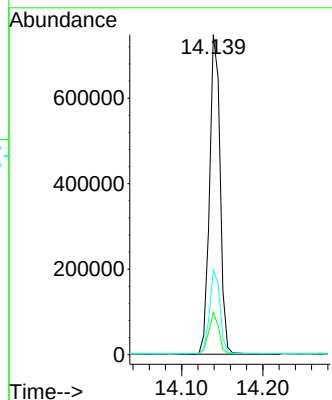
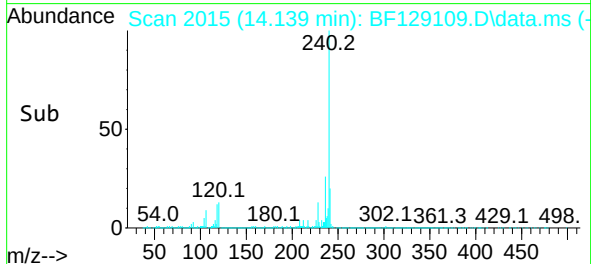
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:240 Resp: 67472
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 26.4 20.8 31.2

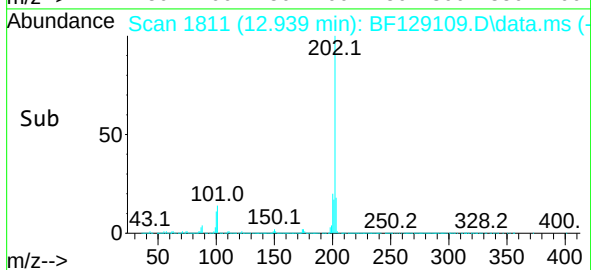
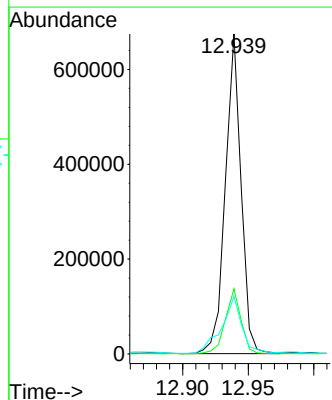
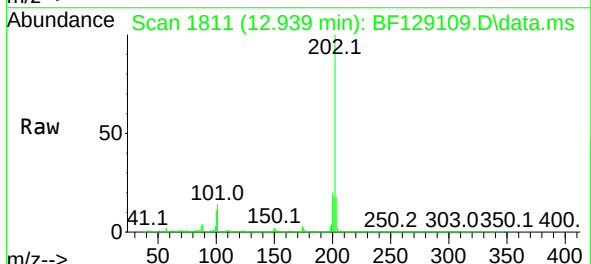
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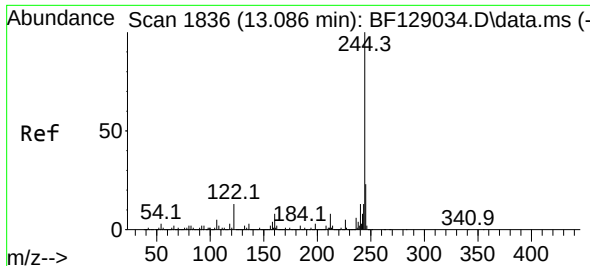
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#78
Pyrene
Concen: 11.983 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:202 Resp: 560430
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 18.0 14.6 21.8





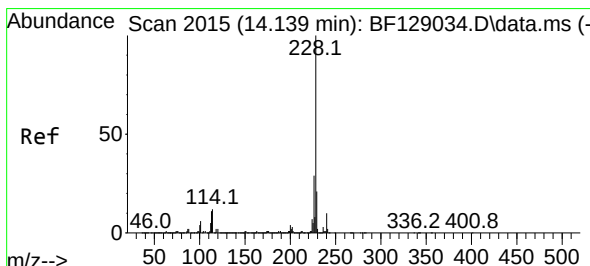
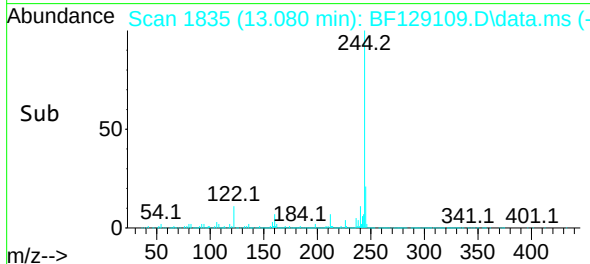
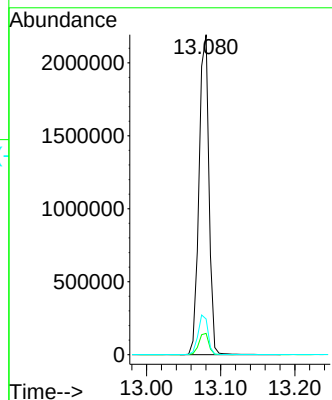
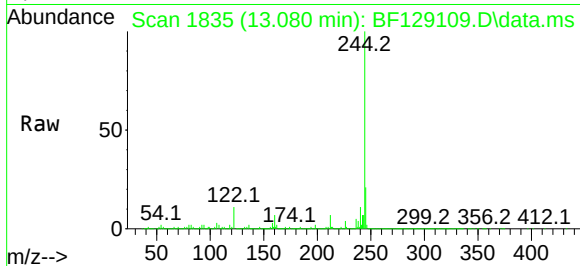
#79
Terphenyl-d14
Concen: 62.404 ng
RT: 13.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Instrument :
BNA_F
ClientSampleId :
SB-8A

Tgt Ion:244 Resp: 2027570
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 11.2 8.8 13.2

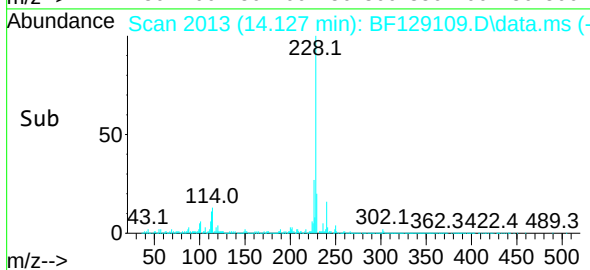
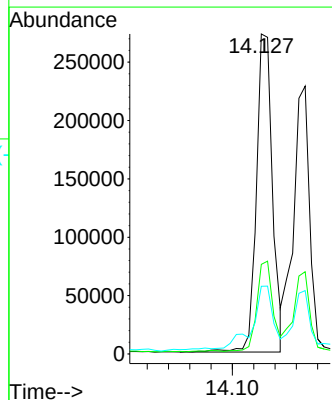
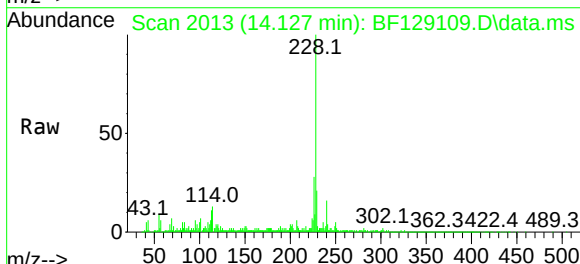
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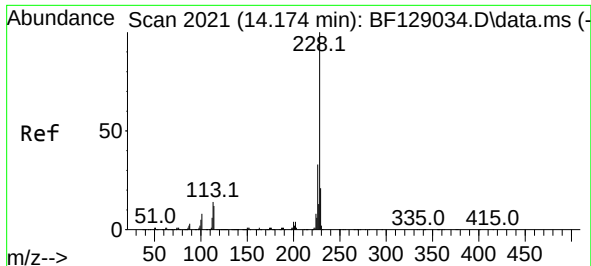
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#81
Benzo(a)anthracene
Concen: 6.932 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:228 Resp: 285582
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 21.1 15.8 23.8





#83

Chrysene

Concen: 6.326 ng

RT: 14.168 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

Instrument :

BNA_F

ClientSampleId :

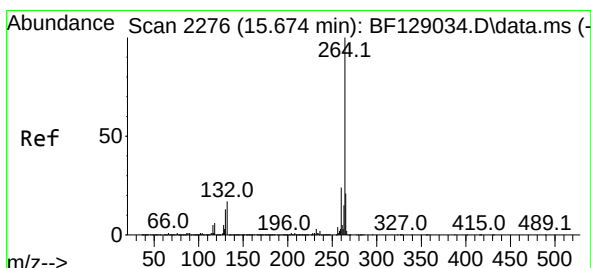
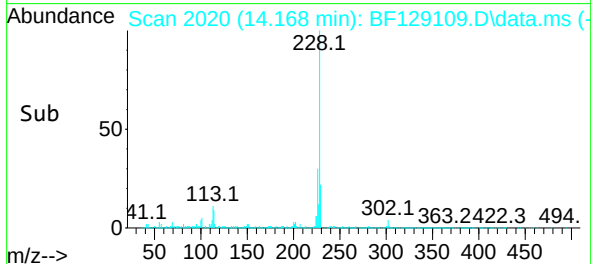
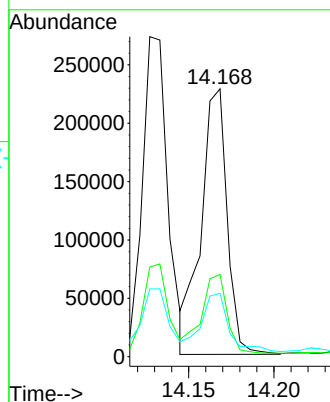
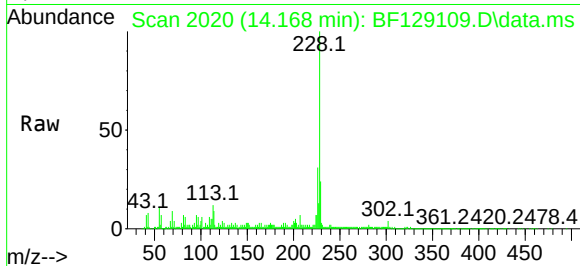
SB-8A

Tgt Ion:228	Resp: 24193
Ion Ratio	Lower Upper
228 100	
226 30.7	24.3 36.5
229 23.7	15.9 23.9

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

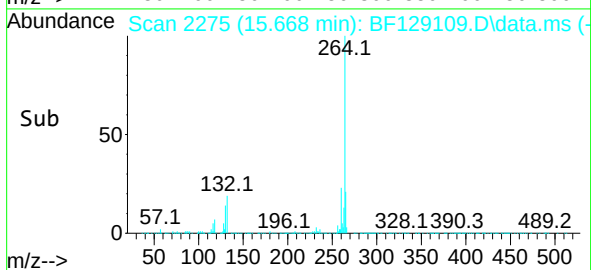
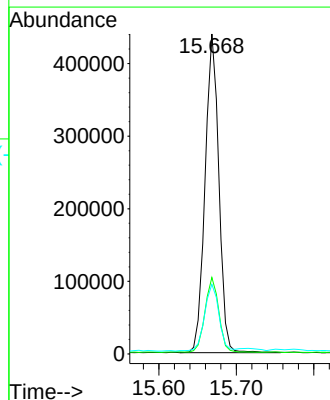
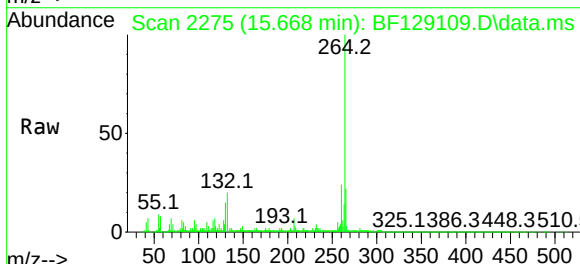
RT: 15.668 min Scan# 2275

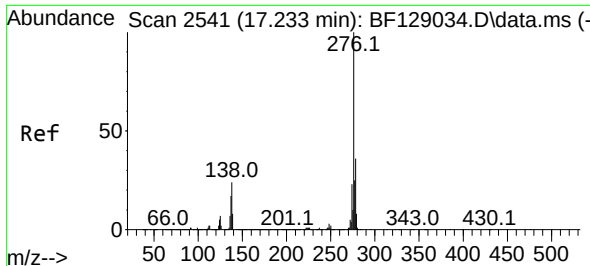
Delta R.T. -0.006 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

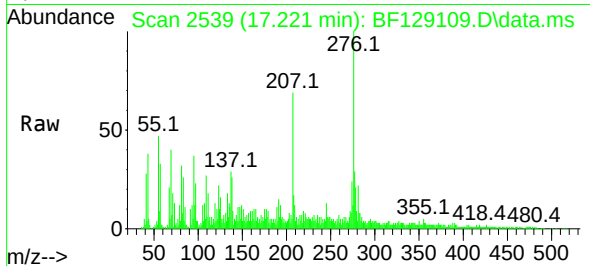
Tgt Ion:264	Resp: 541410
Ion Ratio	Lower Upper
264 100	
260 23.9	18.4 27.6
265 21.8	17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.620 ng
RT: 17.221 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

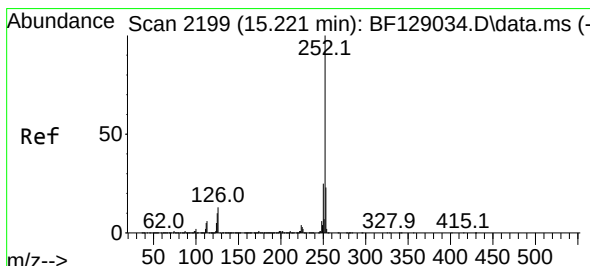
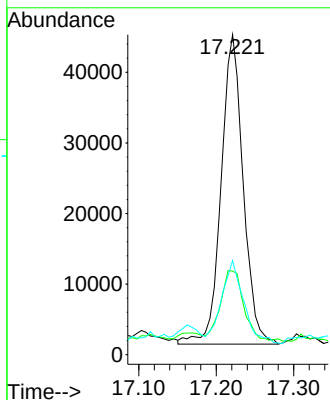
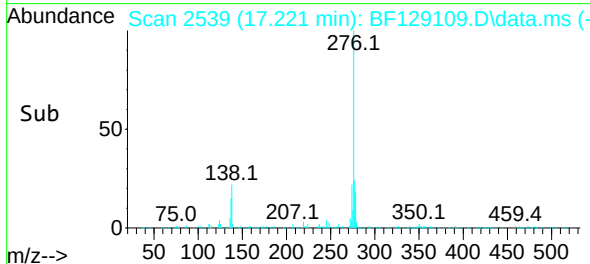
Instrument :
BNA_F
ClientSampleId :
SB-8A



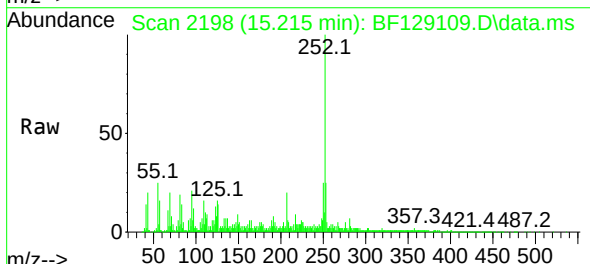
Tgt Ion:276 Resp: 87000
Ion Ratio Lower Upper
276 100
138 24.2 21.1 31.7
277 27.0 20.3 30.5

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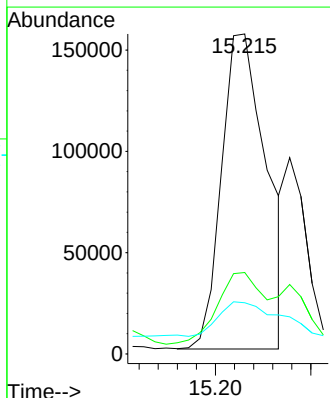
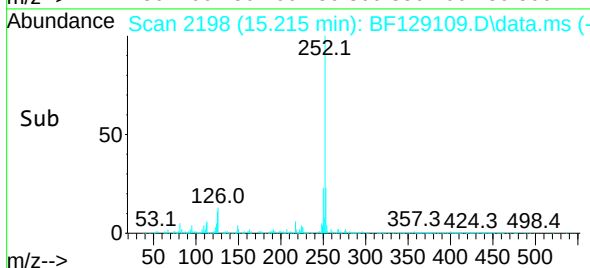
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

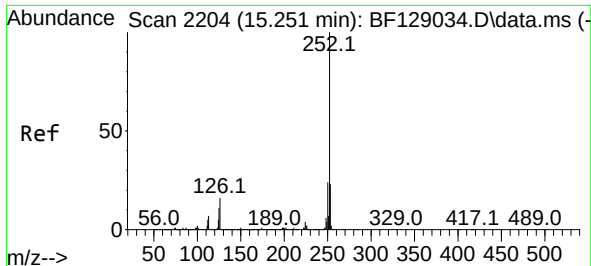


#88
Benzo(b)fluoranthene
Concen: 7.812 ng m
RT: 15.215 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59



Tgt Ion:252 Resp: 254375
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 16.0 8.0 12.0#





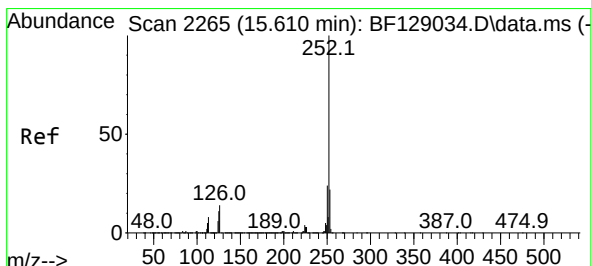
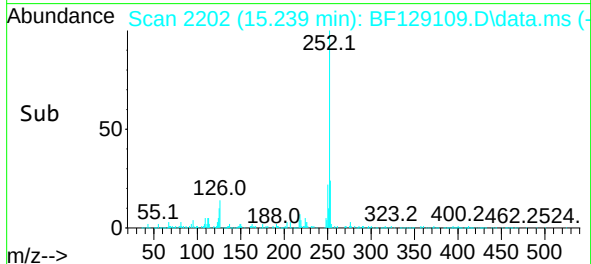
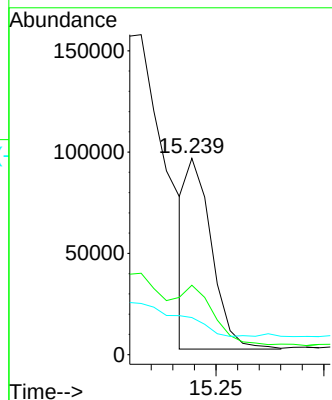
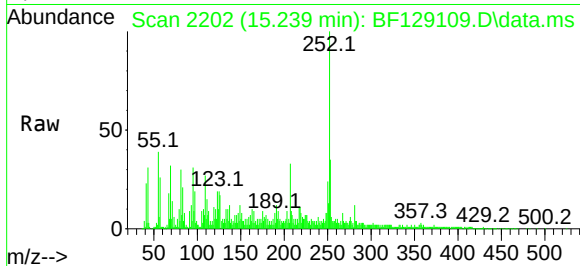
#89
Benzo(k)fluoranthene
Concen: 2.422 ng m
RT: 15.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Instrument :
BNA_F
ClientSampleId :
SB-8A

Tgt Ion:252 Resp: 76484
Ion Ratio Lower Upper
252 100
253 35.4 17.8 26.6
125 18.9 8.3 12.5

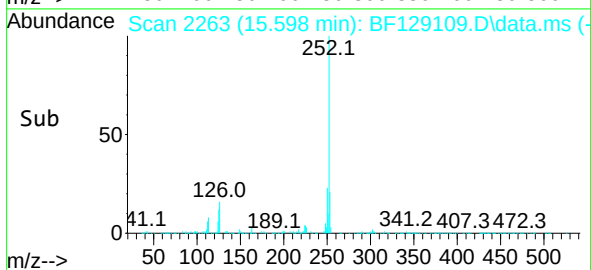
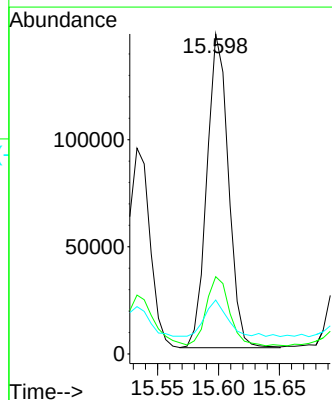
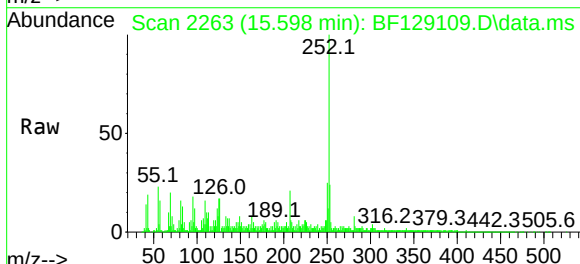
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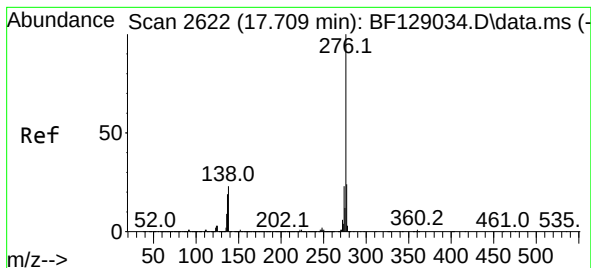
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#90
Benzo(a)pyrene
Concen: 6.781 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:252 Resp: 179981
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 16.9 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 2.929 ng

RT: 17.692 min Scan# 2619

Delta R.T. -0.018 min

Lab File: BF129109.D

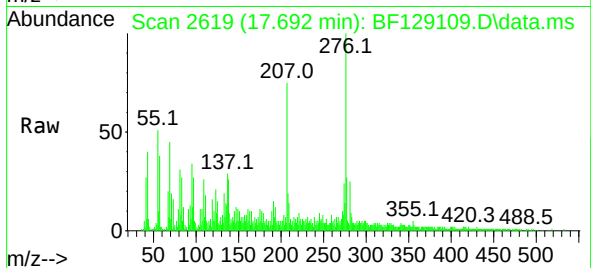
Acq: 01 Jul 2022 23:59

Instrument :

BNA_F

ClientSampleId :

SB-8A



Tgt Ion:	276	Resp:	7954
Ion Ratio	Lower	Upper	
276	100		
277	27.1	19.1	28.7
138	26.3	18.0	27.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022

