

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129255.D
 Acq On : 16 Jul 2022 00:11
 Operator : CG\JU
 Sample : N3730-02 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:44:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	233971	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	860301	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	407600	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	632666	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	520969	20.000	ng	0.00
86) Perylene-d12	15.568	264	377153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	666720	45.509	ng	0.00
7) Phenol-d6	6.522	99	825372	43.560	ng	0.00
23) Nitrobenzene-d5	7.457	82	483109	30.018	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	158946	42.013	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	859371	35.720	ng	0.00
79) Terphenyl-d14	13.010	244	821790	29.509	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.451	178	134563	4.189	ng	98
75) Fluoranthene	12.639	202	289335	9.044	ng	96
78) Pyrene	12.874	202	382204	9.058	ng	96
81) Benzo(a)anthracene	14.063	228	191973	5.842	ng	94
83) Chrysene	14.098	228	207302	6.609	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	63358	2.533	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.074	276	65975	2.805	ng	98
88) Benzo(b)fluoranthene	15.121	252	184189m	7.950	ng	
89) Benzo(k)fluoranthene	15.151	252	48547m	2.145	ng	
90) Benzo(a)pyrene	15.498	252	127651	6.768	ng	# 94
92) Benzo(g,h,i)perylene	17.533	276	75595	3.888	ng	# 89

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

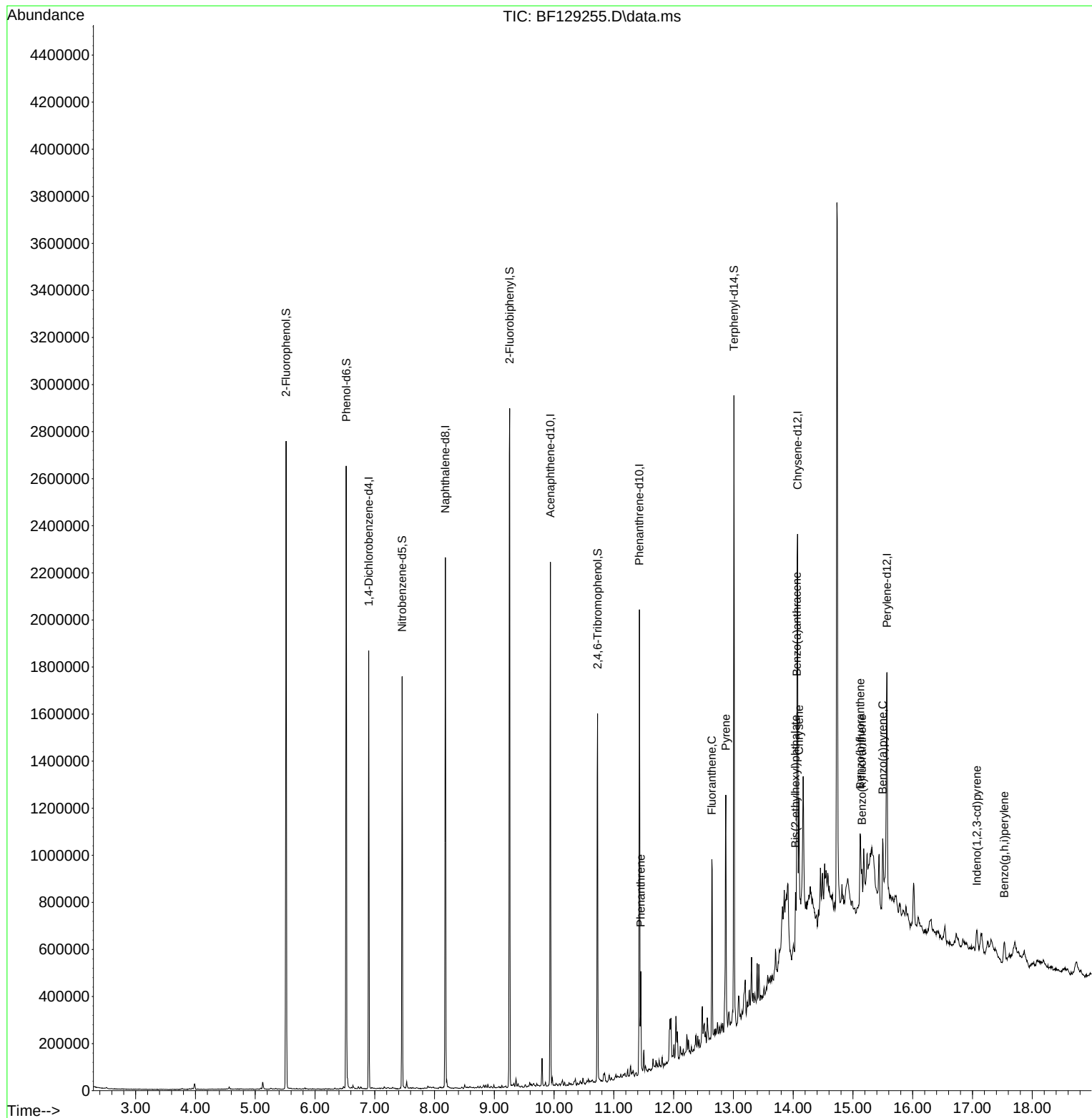
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
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ALS Vial : 17 Sample Multiplier: 1

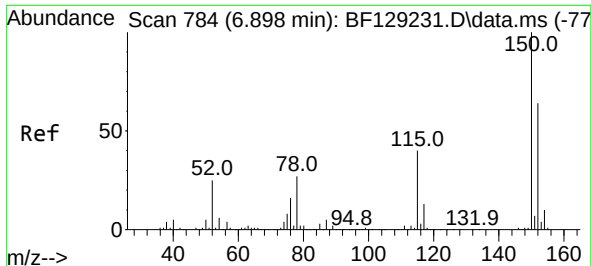
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Jul 16 01:44:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
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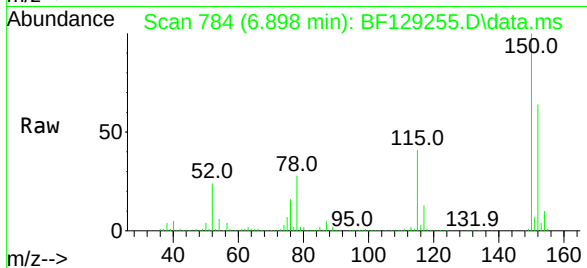
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

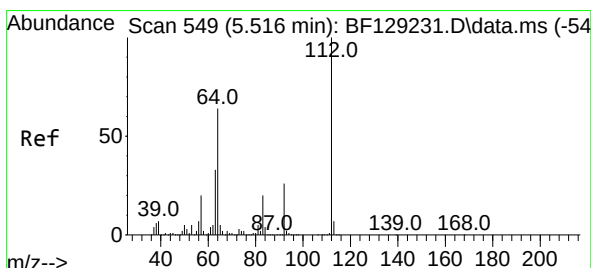
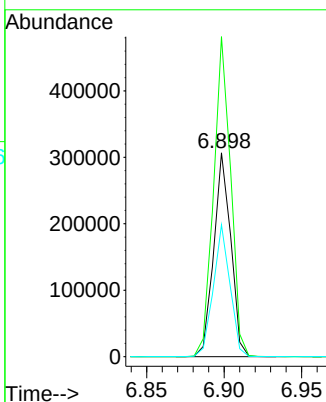
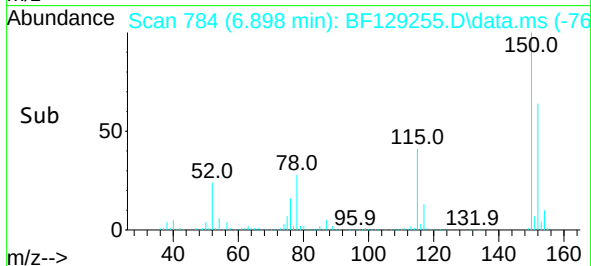


Tgt Ion:152 Resp: 23397
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 64.7 49.9 74.9

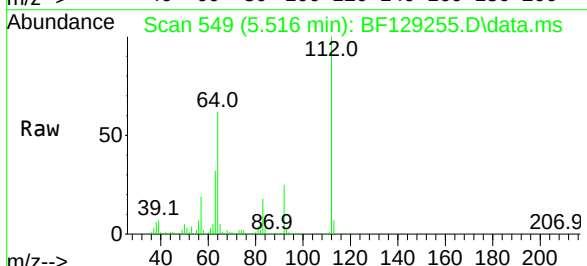
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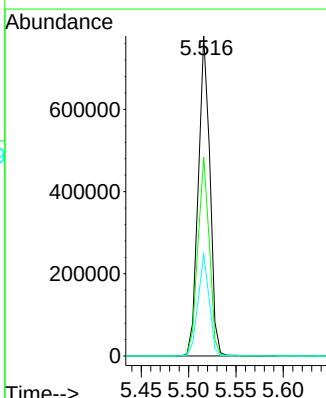
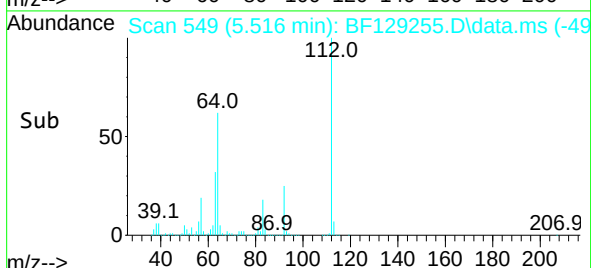
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

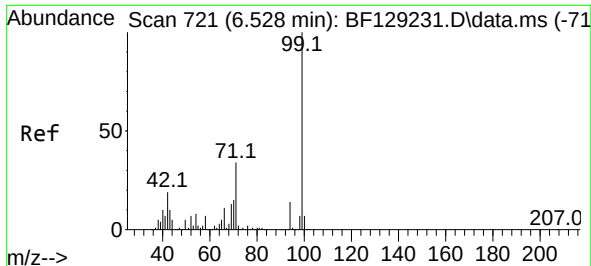


#5
2-Fluorophenol
Concen: 45.509 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11



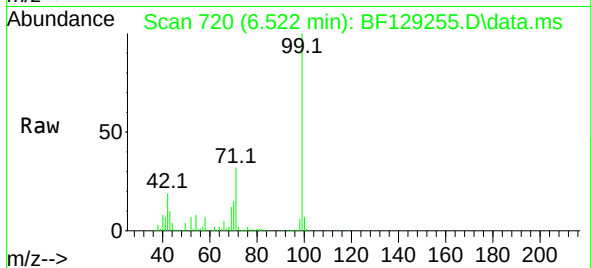
Tgt Ion:112 Resp: 666720
Ion Ratio Lower Upper
112 100
64 62.0 53.3 79.9
63 31.8 28.0 42.0





#7
Phenol-d6
Concen: 43.560 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

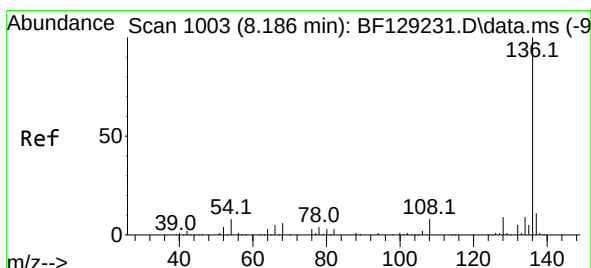
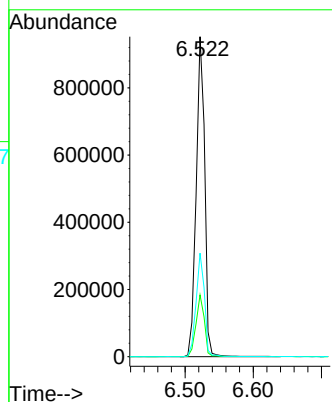
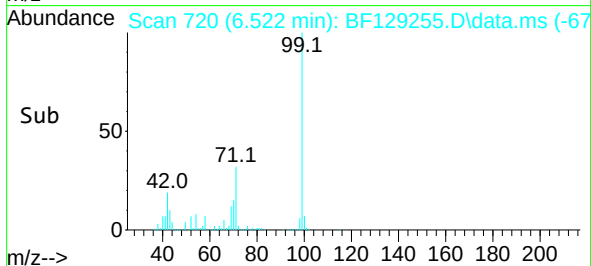
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP



Tgt Ion: 99 Resp: 825372
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 32.3 28.9 43.3

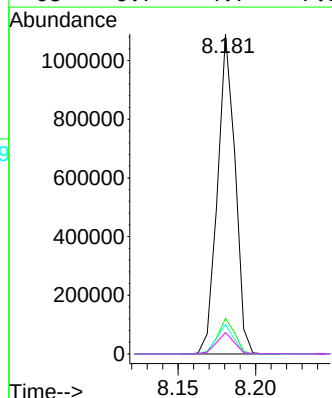
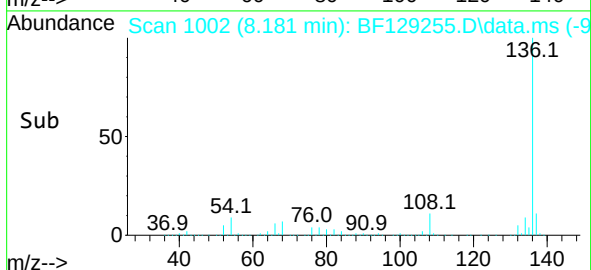
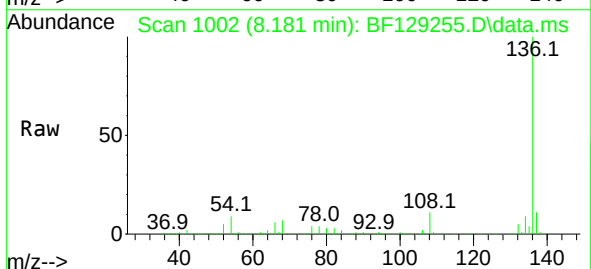
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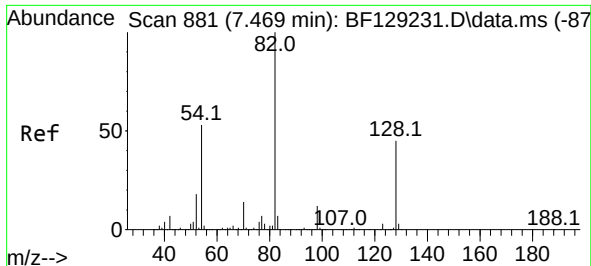
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

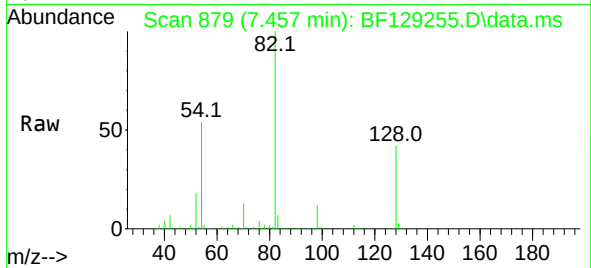
Tgt Ion:136 Resp: 860301
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.2 7.5 11.3
68 6.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 30.018 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

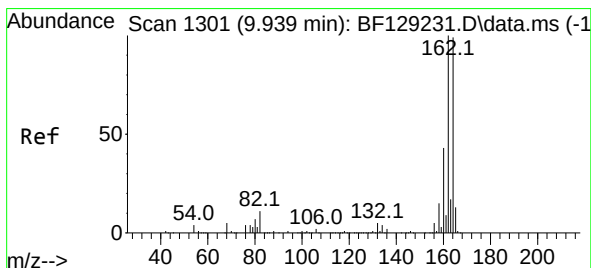
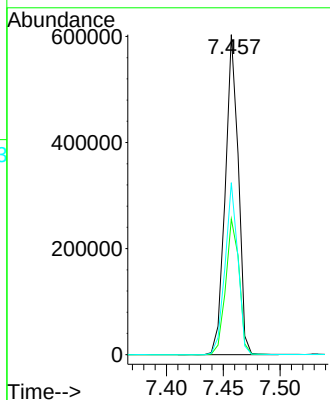
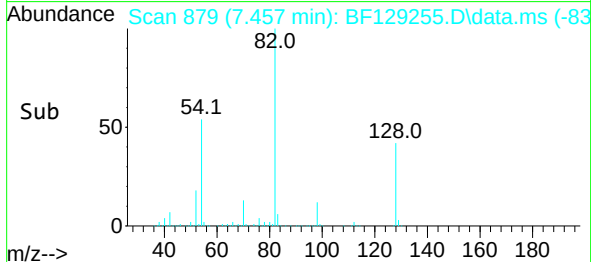
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 483109
Ion Ratio Lower Upper
82 100
128 42.4 34.0 51.0
54 53.7 46.9 70.3

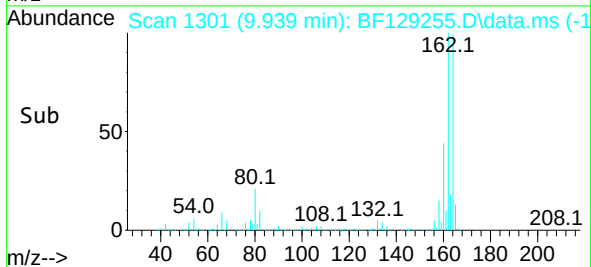
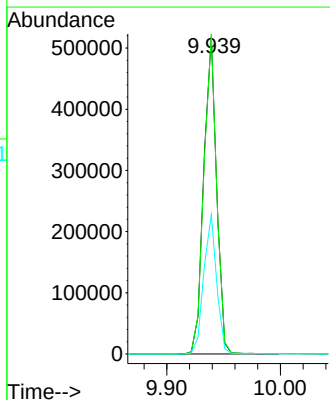
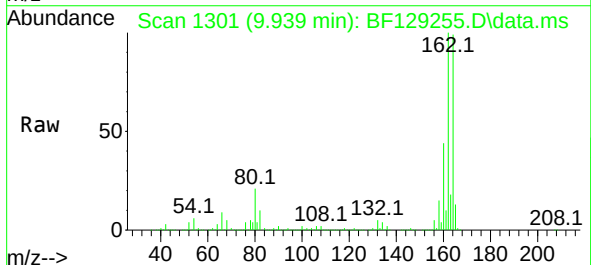
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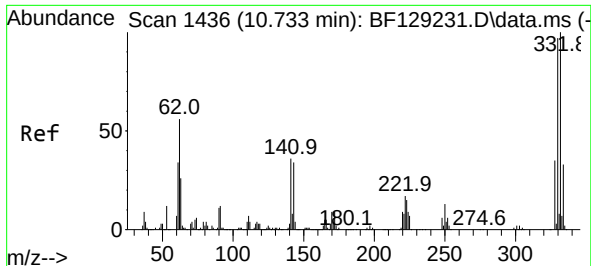
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:164 Resp: 407600
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 43.9 34.2 51.4





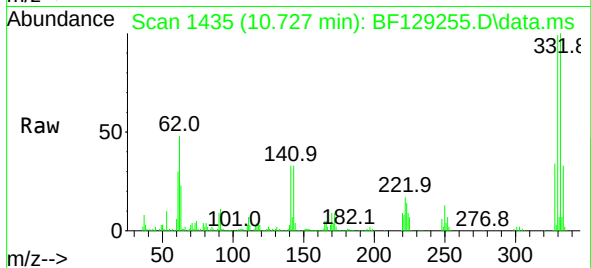
#42
2,4,6-Tribromophenol
Concen: 42.013 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

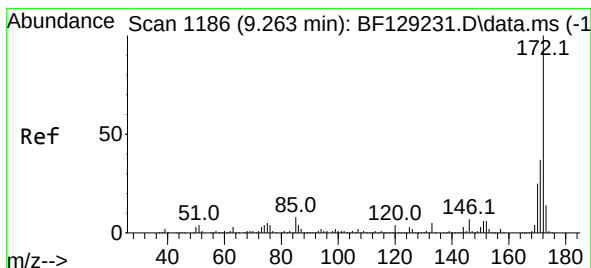
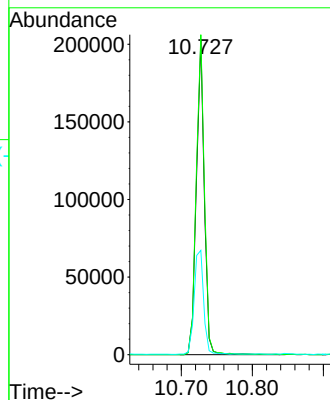
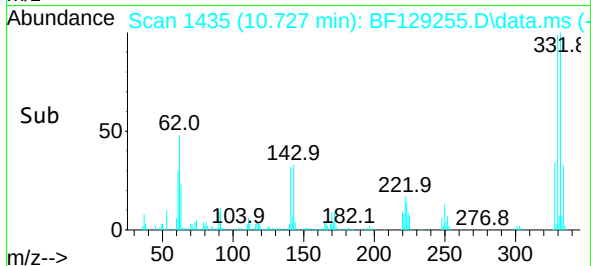


Tgt Ion: 330 Resp: 158940
Ion Ratio Lower Upper
330 100
332 103.9 76.8 115.2
141 39.4 28.0 42.0

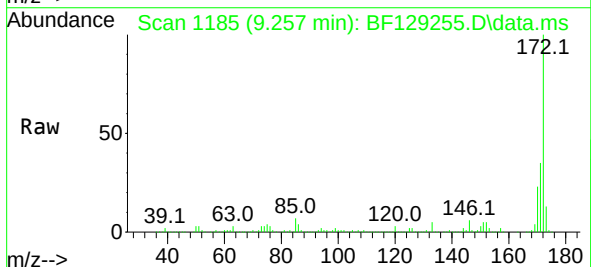
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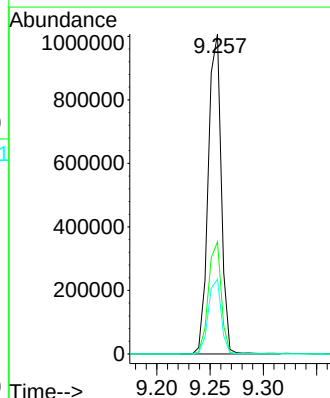
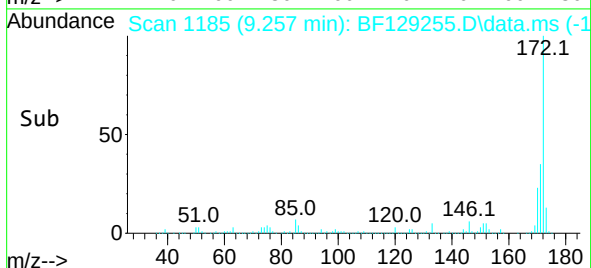
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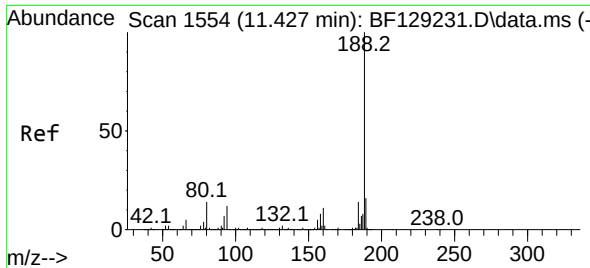


#45
2-Fluorobiphenyl
Concen: 35.720 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11



Tgt Ion: 172 Resp: 859371
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.3 19.8 29.8





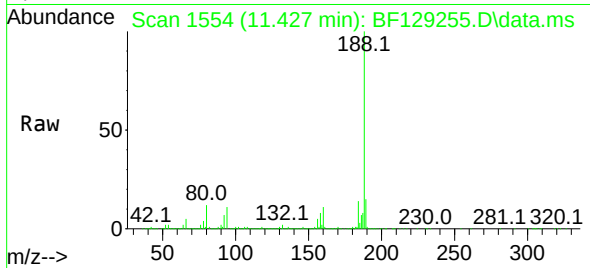
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

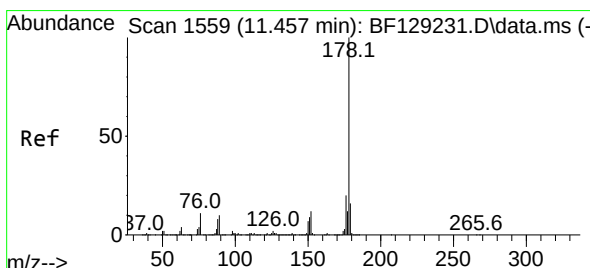
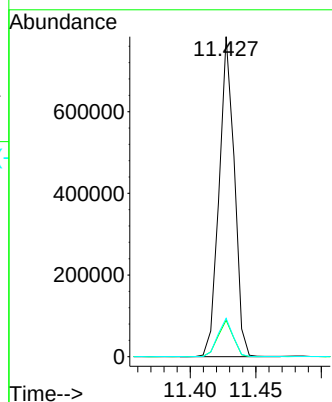
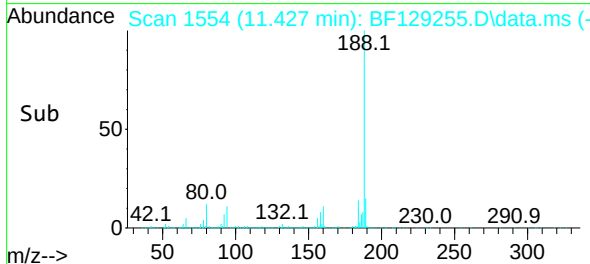


Tgt Ion:188 Resp: 632660
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.6
80 12.0 7.6 11.4

Manual Integrations

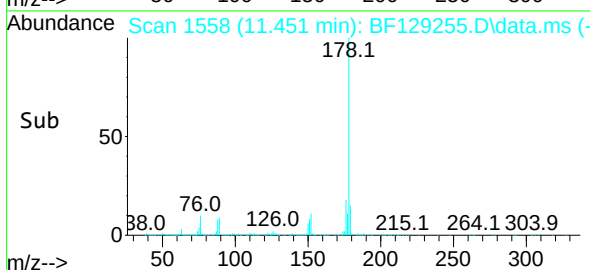
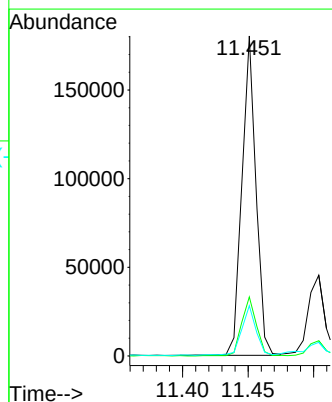
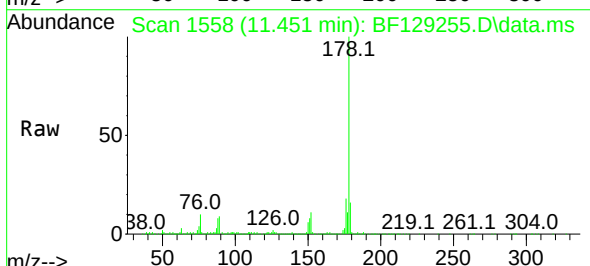
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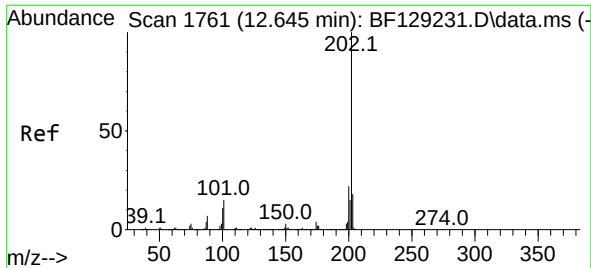
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#71
Phenanthrene
Concen: 4.189 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:178 Resp: 134563
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.7 12.6 19.0





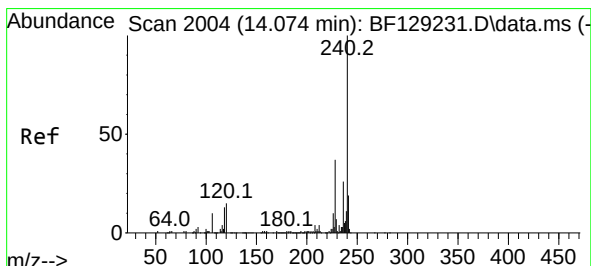
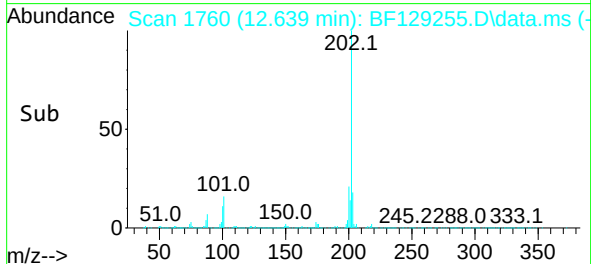
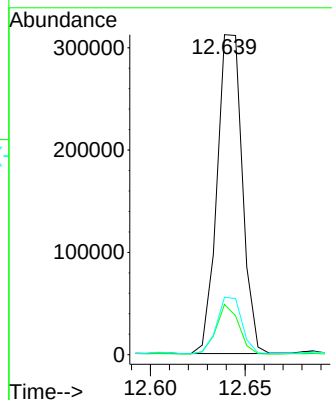
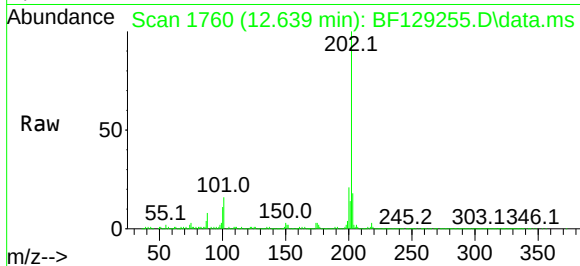
#75
Fluoranthene
Concen: 9.044 ng
RT: 12.639 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:202 Resp: 289335
Ion Ratio Lower Upper
202 100
101 15.7 0.0 31.4
203 17.9 0.0 38.0

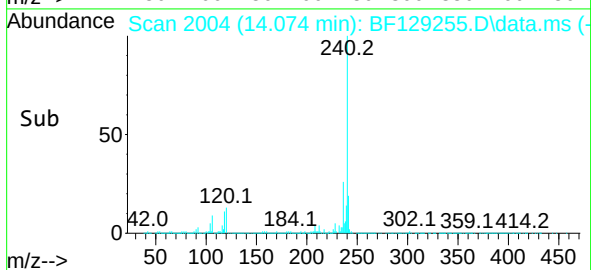
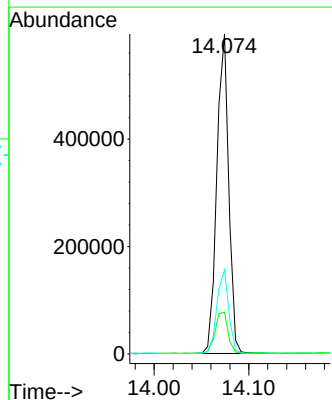
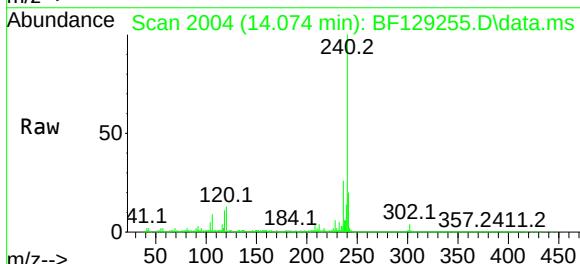
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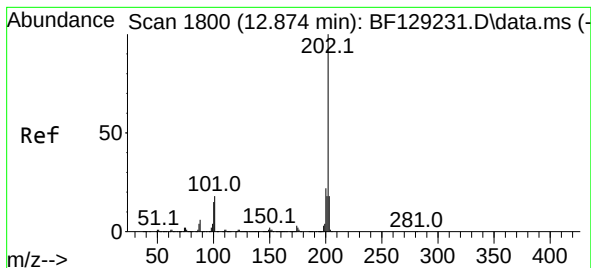
Reviewed By :Christian Giraldo 07/18/2022
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:240 Resp: 520969
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 26.3 20.8 31.2





#78

Pyrene

Concen: 9.058 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

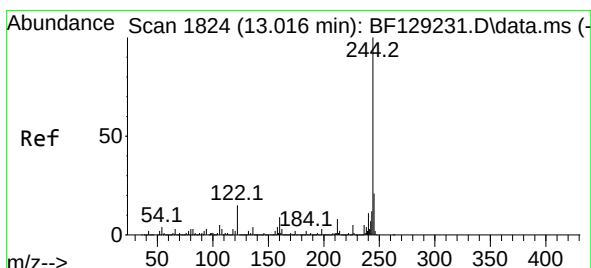
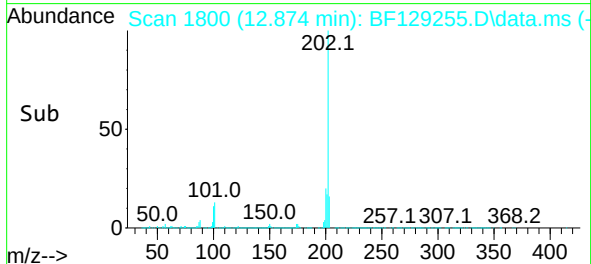
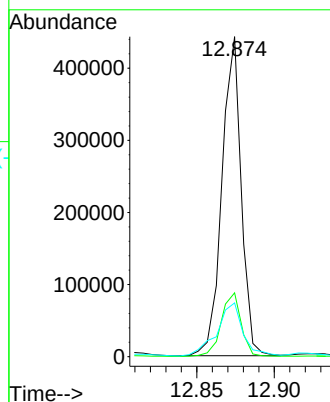
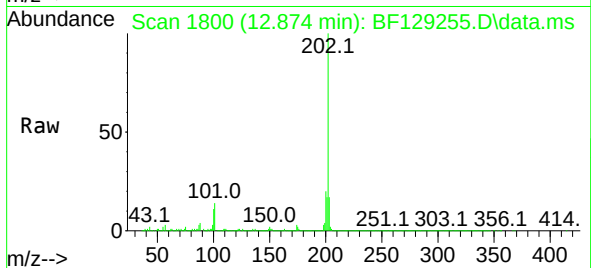
SB-01-COMP

Tgt Ion:202 Resp: 382204
 Ion Ratio Lower Upper
 202 100
 200 19.9 17.7 26.5
 203 16.8 14.6 21.8

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#79

Terphenyl-d14

Concen: 29.509 ng

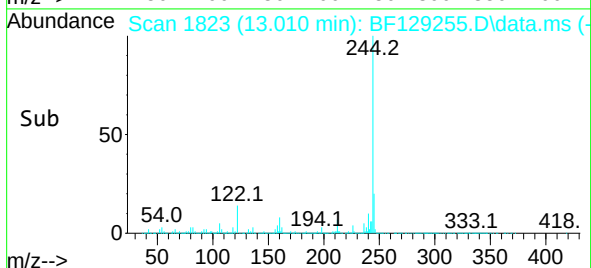
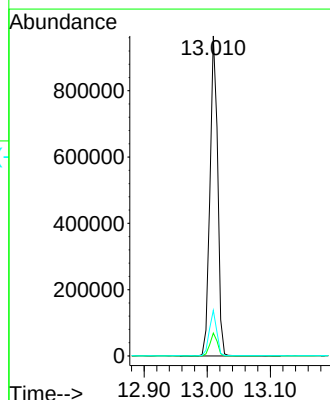
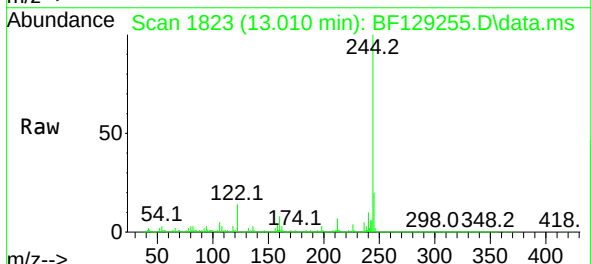
RT: 13.010 min Scan# 1823

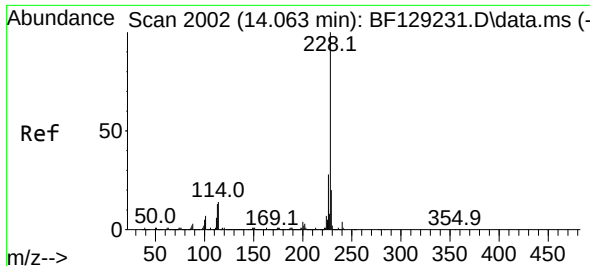
Delta R.T. -0.006 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Tgt Ion:244 Resp: 821790
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 14.3 8.8 13.2#





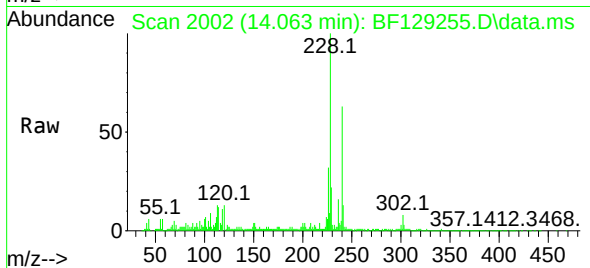
#81
Benzo(a)anthracene
Concen: 5.842 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Instrument :

BNF_F

ClientSampleId :

SB-01-COMP

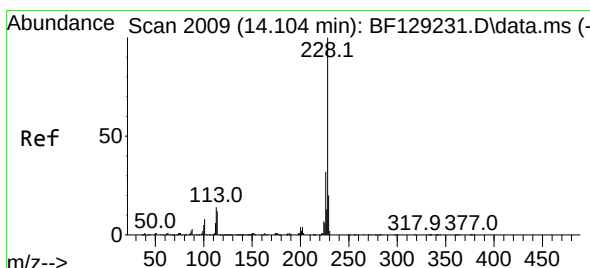
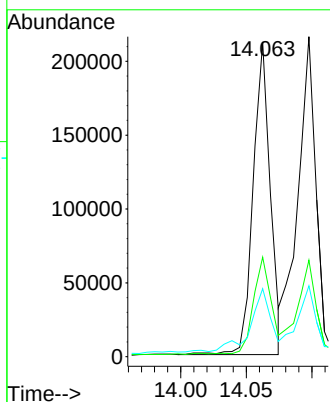
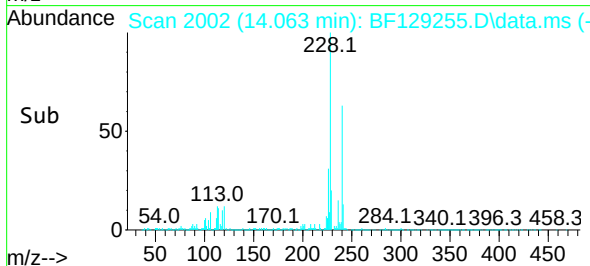


Tgt Ion:228 Resp: 19197
Ion Ratio Lower Upper
228 100
226 31.6 22.1 33.1
229 21.6 15.8 23.8

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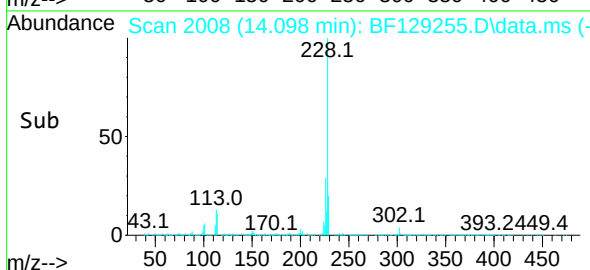
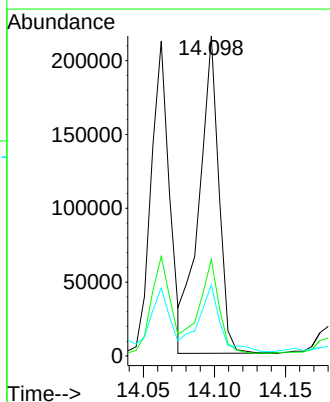
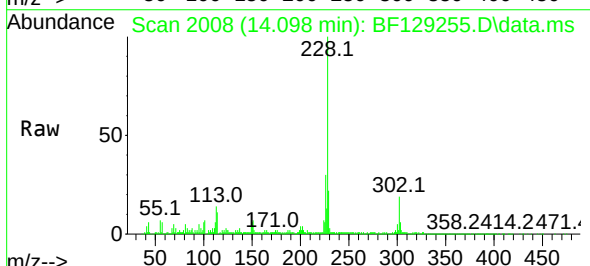
APPROVED

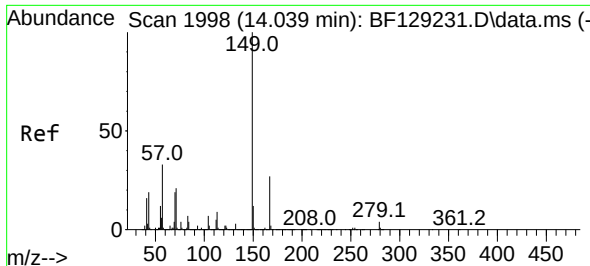
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#83
Chrysene
Concen: 6.609 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:228 Resp: 207302
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.1 15.9 23.9





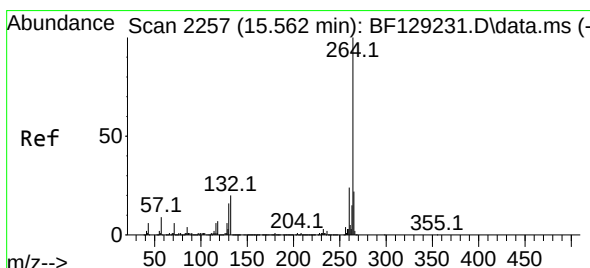
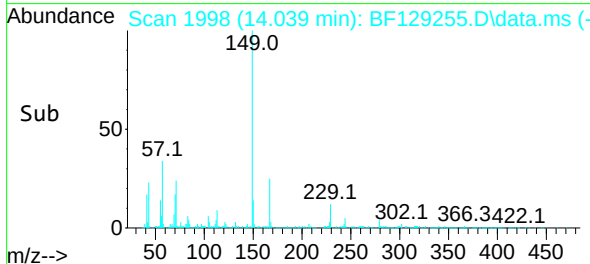
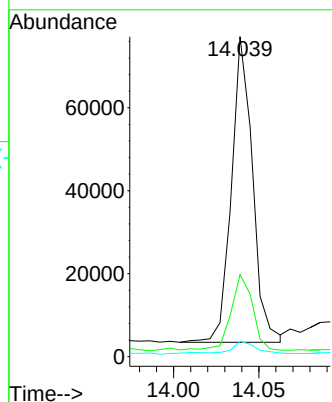
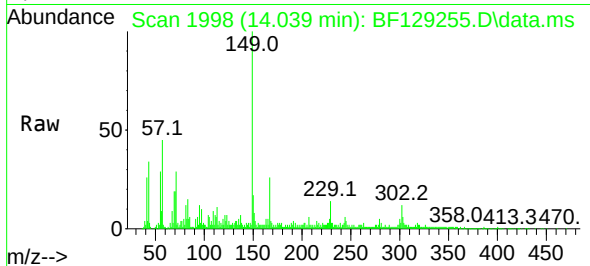
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.533 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:149 Resp: 63358
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 4.8 3.1 4.7

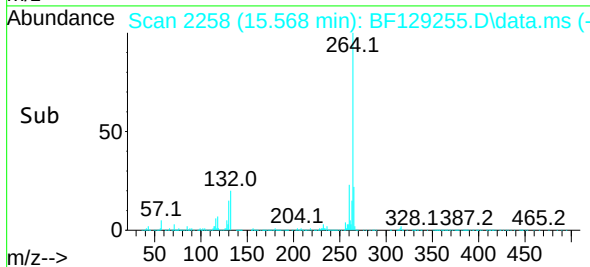
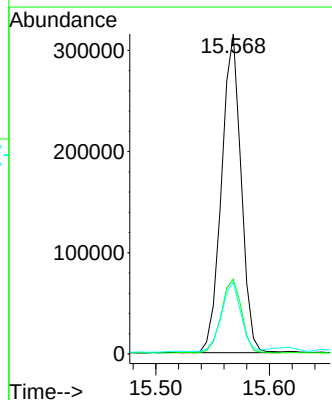
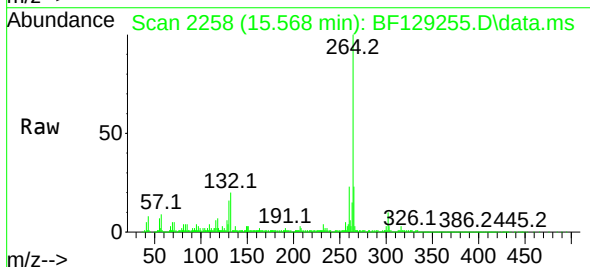
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APPROVED

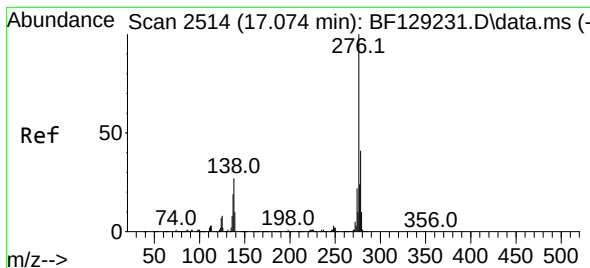
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2258
Delta R.T. 0.006 min
Lab File: BF129255.D
Acq: 16 Jul 2022 00:11

Tgt Ion:264 Resp: 377153
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 22.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.805 ng

RT: 17.074 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

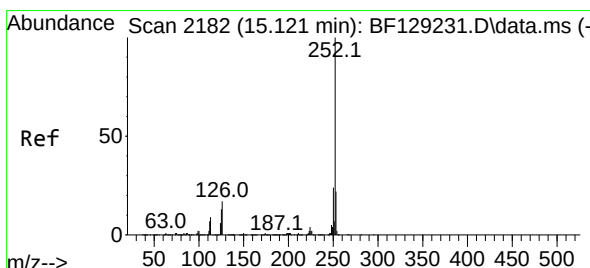
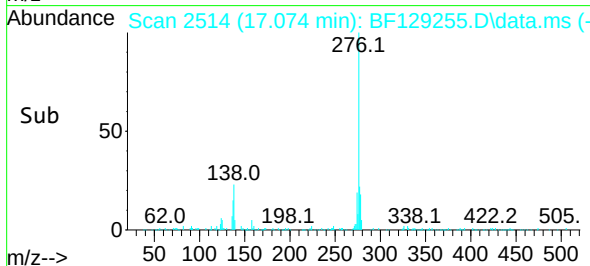
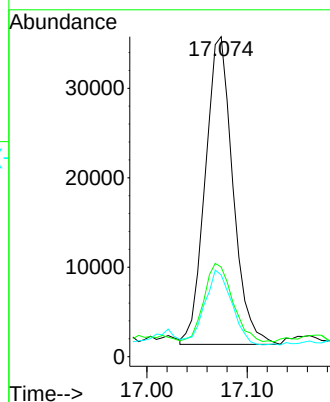
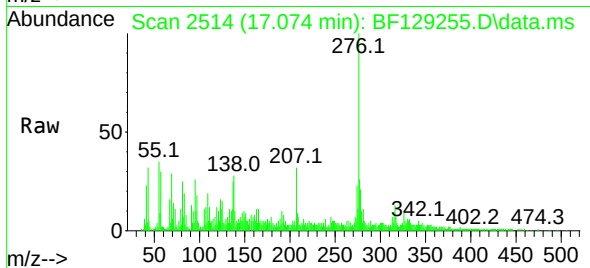
SB-01-COMP

Tgt Ion:276 Resp: 65974
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.1 31.7
 277 23.9 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#88

Benzo(b)fluoranthene

Concen: 7.950 ng m

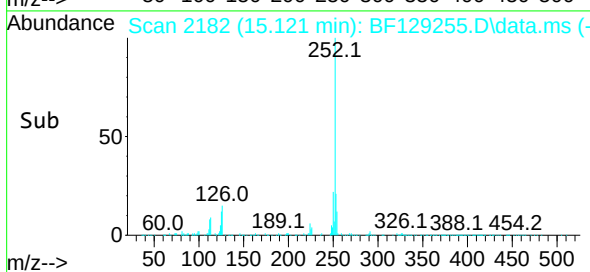
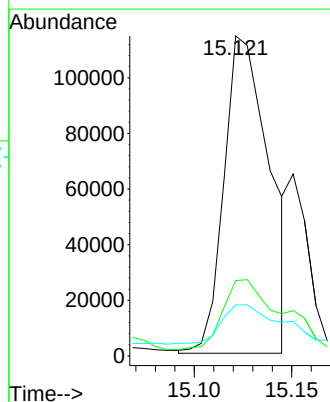
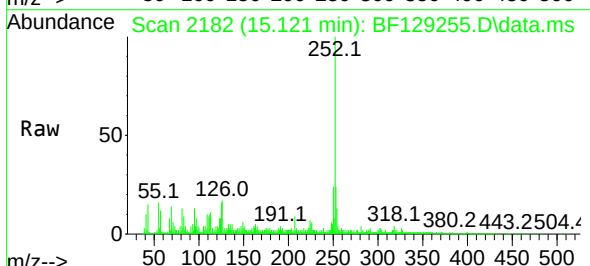
RT: 15.121 min Scan# 2182

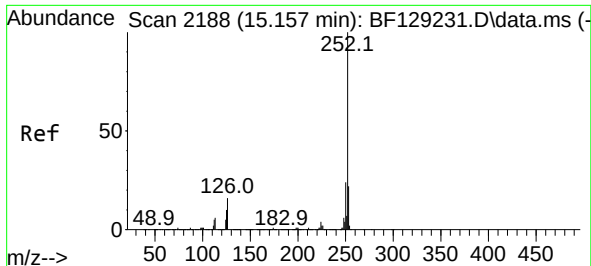
Delta R.T. -0.000 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Tgt Ion:252 Resp: 184189
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.7 26.5
 125 15.9 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.145 ng m

RT: 15.151 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tgt Ion:252 Resp: 4854

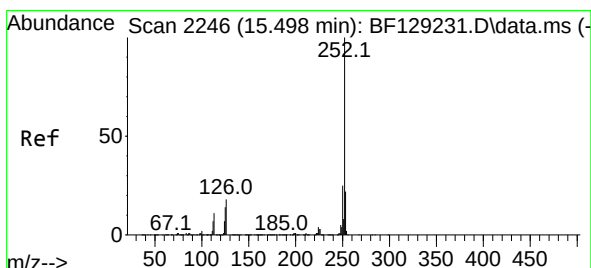
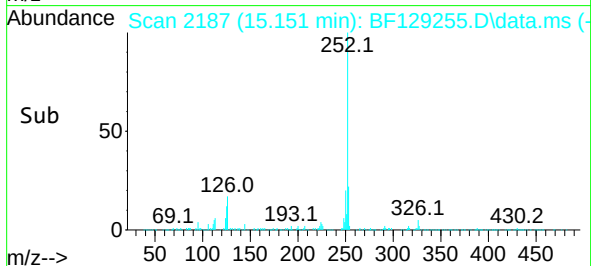
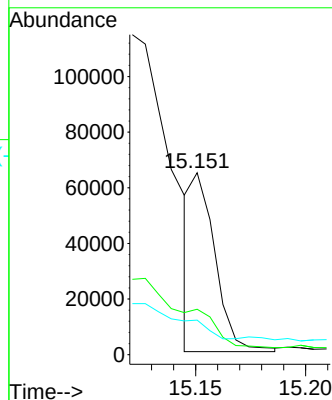
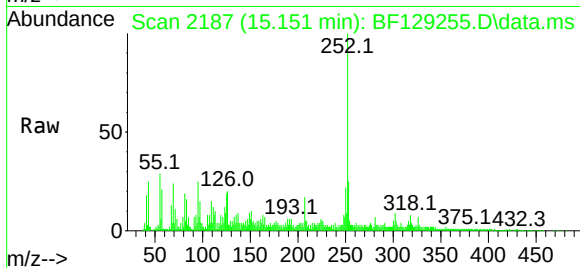
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	19.0	8.3	12.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#90

Benzo(a)pyrene

Concen: 6.768 ng

RT: 15.498 min Scan# 2246

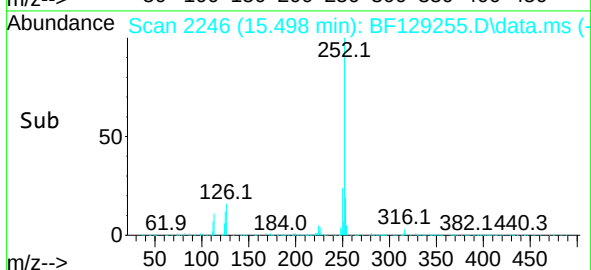
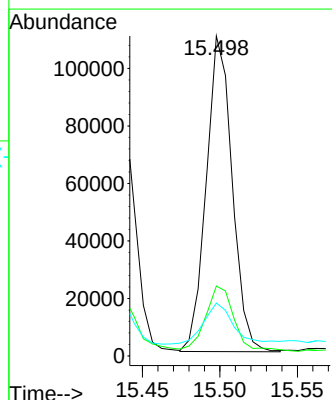
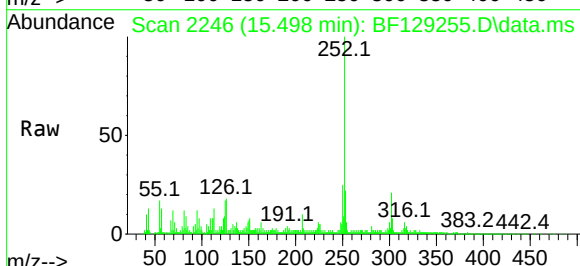
Delta R.T. -0.000 min

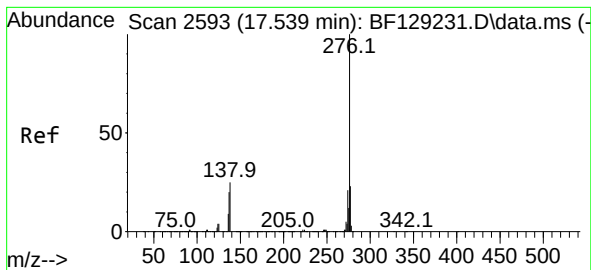
Lab File: BF129255.D

Acq: 16 Jul 2022 00:11

Tgt Ion:252 Resp: 127651

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	16.5	8.8	13.2





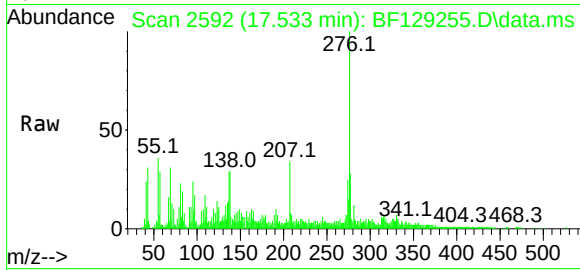
#92
 Benzo(g,h,i)perylene
 Concen: 3.888 ng
 RT: 17.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129255.D
 Acq: 16 Jul 2022 00:11

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP



Tgt Ion:	276	Resp:	7559
Ion Ratio	Lower	Upper	
276	100		
277	28.3	19.1	28.7
138	28.5	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

