

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129621.D
 Acq On : 06 Aug 2022 02:53
 Operator : CG\JU
 Sample : N4061-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1-0804

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/08/2022
 Supervised By : Jagrut Upadhyay 08/08/2022

Quant Time: Aug 08 02:18:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

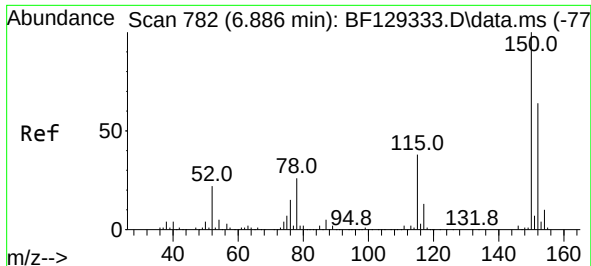
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/08/2022
1) 1,4-Dichlorobenzene-d4	6.845	152	135859	20.000	ng	0.00	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	8.128	136	478836	20.000	ng	0.00	
39) Acenaphthene-d10	9.886	164	212666	20.000	ng	0.00	
64) Phenanthrene-d10	11.375	188	335157	20.000	ng	# 0.00	
76) Chrysene-d12	14.033	240	257035	20.000	ng	0.00	
86) Perylene-d12	15.515	264	209996	20.000	ng	0.01	08/08/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	694869	83.317	ng	0.00	
7) Phenol-d6	6.504	99	822129	78.426	ng	0.00	
23) Nitrobenzene-d5	7.410	82	494720	56.399	ng	-0.01	
42) 2,4,6-Tribromophenol	10.680	330	158349	77.446	ng	0.00	
45) 2-Fluorobiphenyl	9.204	172	762414	55.459	ng	0.00	
79) Terphenyl-d14	12.963	244	713193	52.347	ng	0.00	
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.275	107	26503	2.758	ng	#	69
52) Acenaphthene	9.916	154	39452	3.168	ng		96
58) Fluorene	10.433	166	31359	2.283	ng		97
71) Phenanthrene	11.404	178	220613	12.058	ng		98
72) Anthracene	11.451	178	68131	3.789	ng		96
75) Fluoranthene	12.598	202	518346	27.962	ng		98
78) Pyrene	12.827	202	461191	21.457	ng		99
80) Butylbenzylphthalate	13.439	149	21867	2.345	ng		89
81) Benzo(a)anthracene	14.021	228	195699	11.146	ng		95
83) Chrysene	14.057	228	212777m	12.858	ng		
84) Bis(2-ethylhexyl)phtha...	13.992	149	263458	21.465	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	113492	8.026	ng		95
88) Benzo(b)fluoranthene	15.080	252	263970m	18.950	ng		
89) Benzo(k)fluoranthene	15.110	252	90325m	6.617	ng		
90) Benzo(a)pyrene	15.451	252	164113	14.513	ng	#	78
91) Dibenzo(a,h)anthracene	17.009	278	28504	2.477	ng	#	57
92) Benzo(g,h,i)perylene	17.462	276	117389	9.981	ng		94

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

Manual Integrations APPROVED

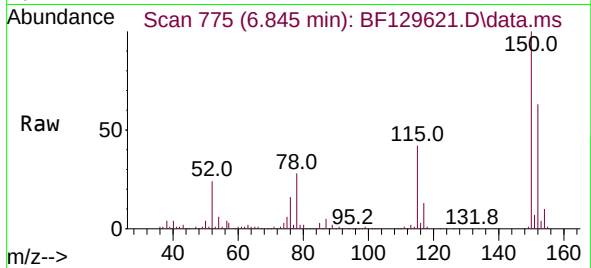
Quant Time: Aug 08 02:18:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

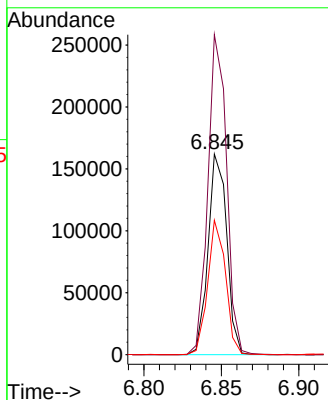
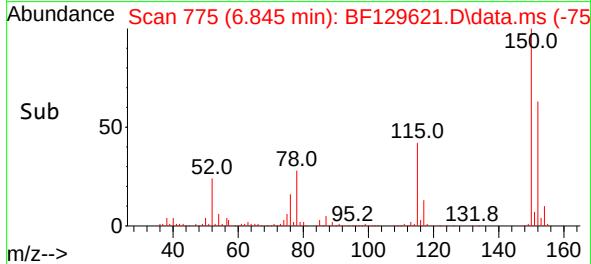
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 135859
Ion Ratio Lower Upper
152 100
150 159.5 123.7 185.5
115 67.0 49.9 74.9

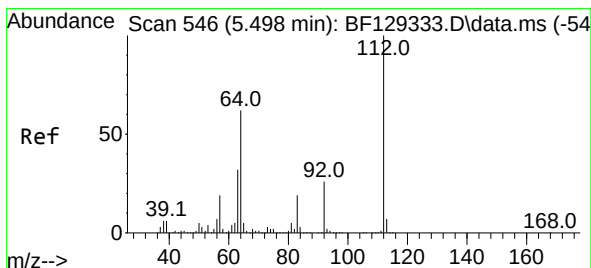
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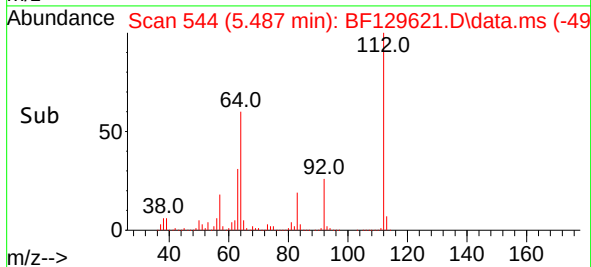
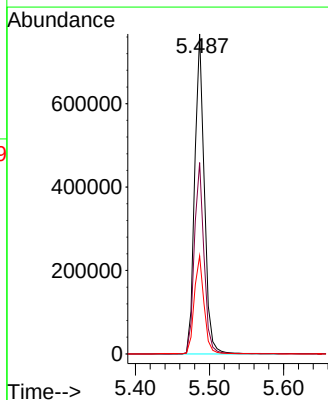
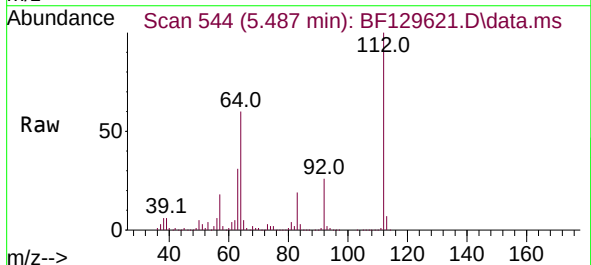
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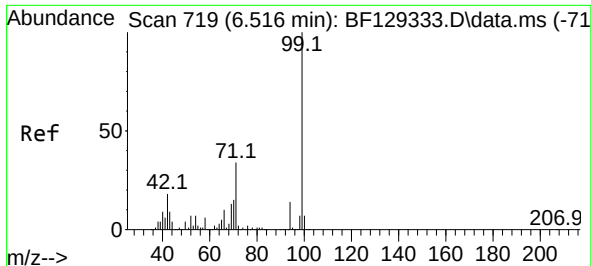
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#5
2-Fluorophenol
Concen: 83.317 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Tgt Ion:112 Resp: 694869
Ion Ratio Lower Upper
112 100
64 59.8 53.3 79.9
63 30.6 28.0 42.0





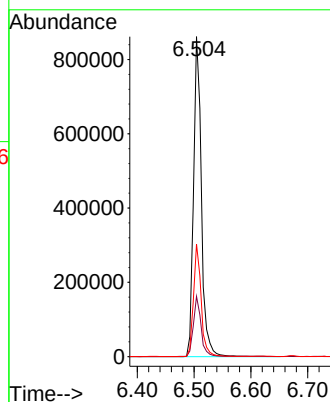
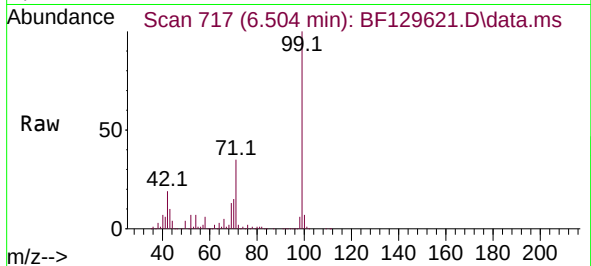
#7
Phenol-d6
Concen: 78.426 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :
BNA_F
ClientSampleId :
COMP1-0804

Tgt Ion: 99 Resp: 822129
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 35.2 28.9 43.3

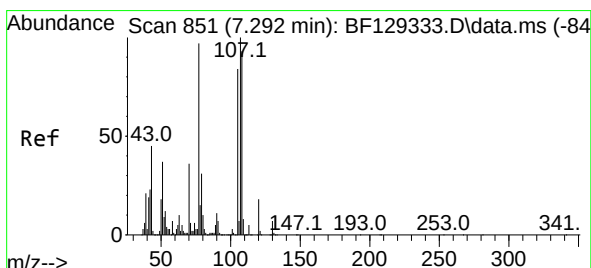
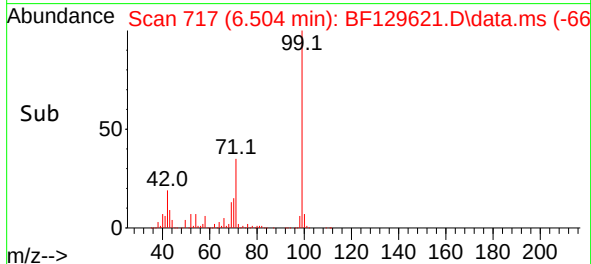
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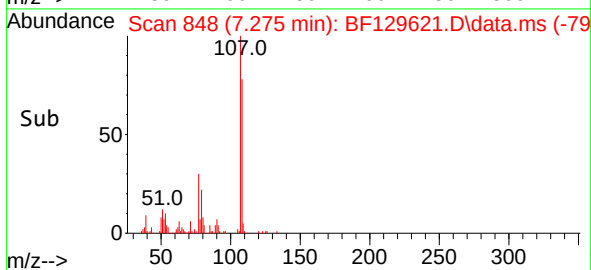
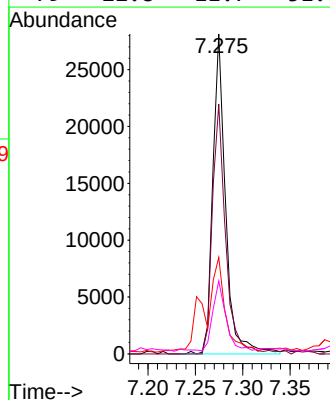
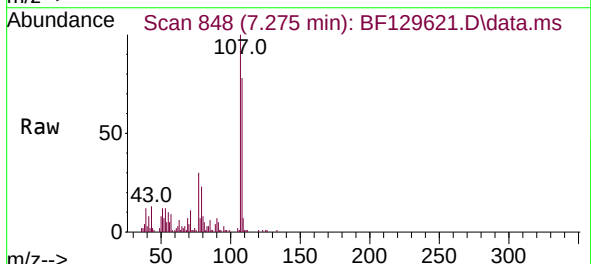
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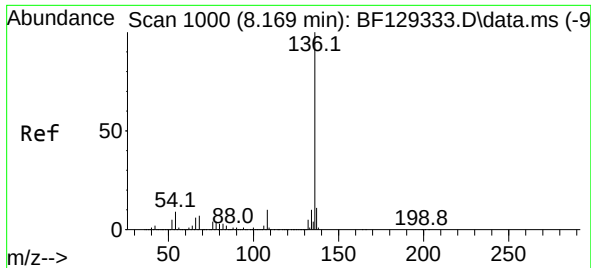
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#20
3+4-Methylphenols
Concen: 2.758 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

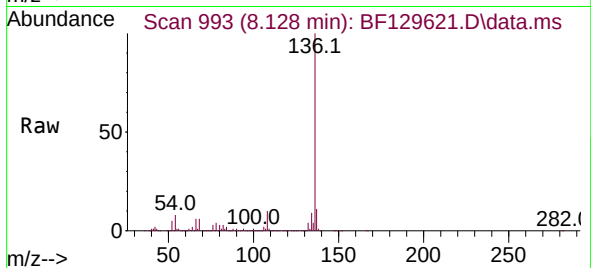
Tgt Ion:107 Resp: 26503
Ion Ratio Lower Upper
107 100
108 78.0 71.8 111.8
77 30.2 59.3 99.3#
79 22.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

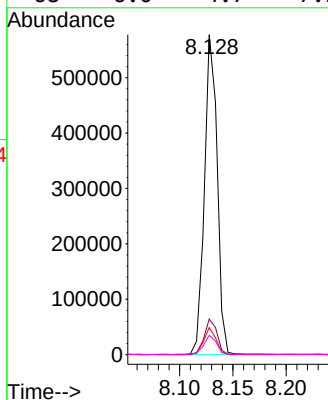
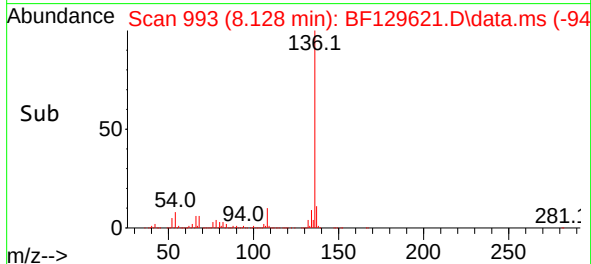
Instrument :
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ClientSampleId :
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Tgt Ion:136 Resp: 478836
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 7.5 11.3
68 6.0 4.7 7.1

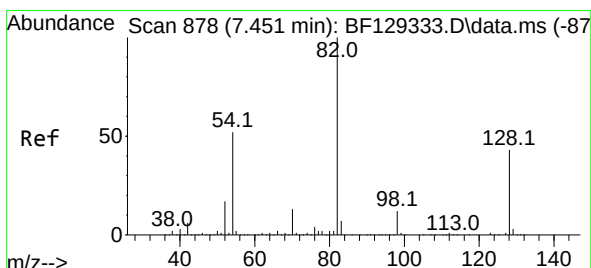
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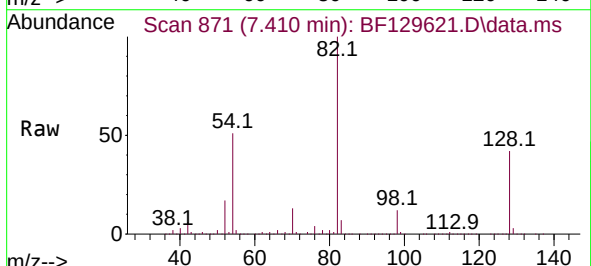


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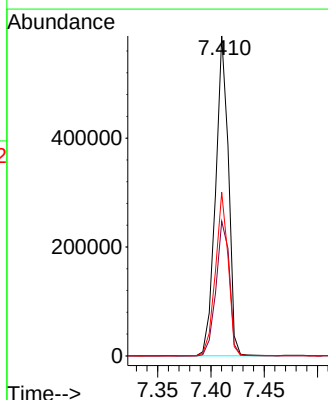
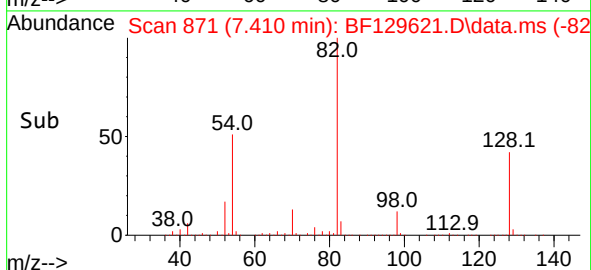
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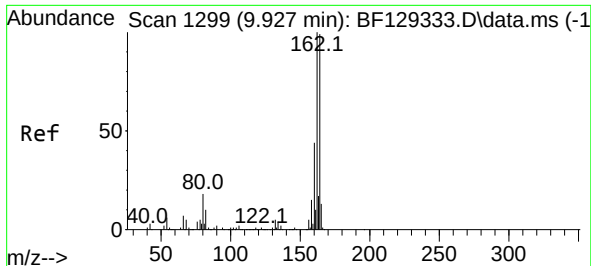


#23
Nitrobenzene-d5
Concen: 56.399 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53



Tgt Ion: 82 Resp: 494720
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 51.1 46.9 70.3





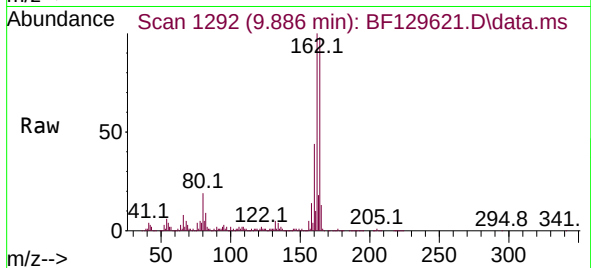
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :

BNA_F

ClientSampleId :

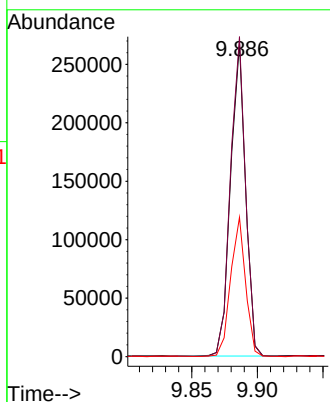
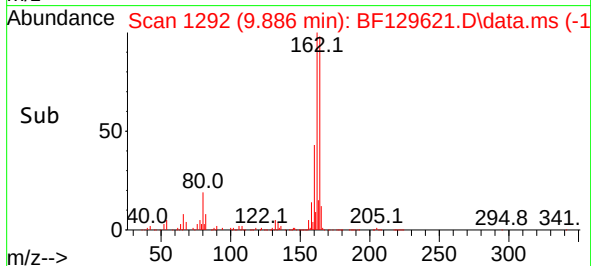
COMP1-0804



Tgt Ion:164 Resp: 212666
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.4 34.2 51.4

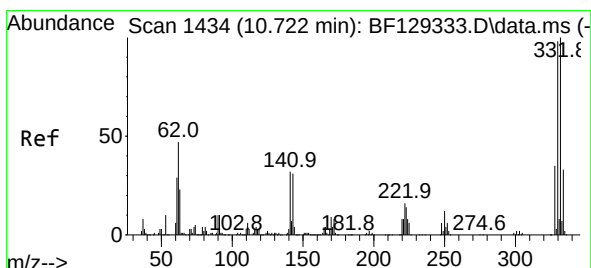
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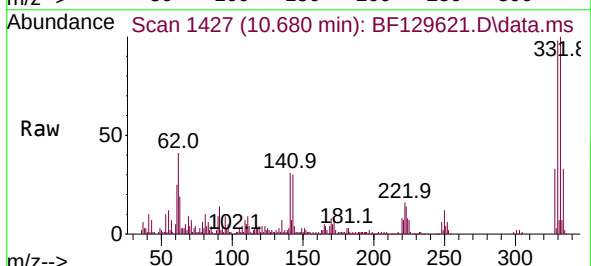


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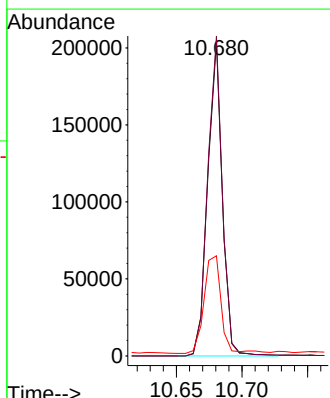
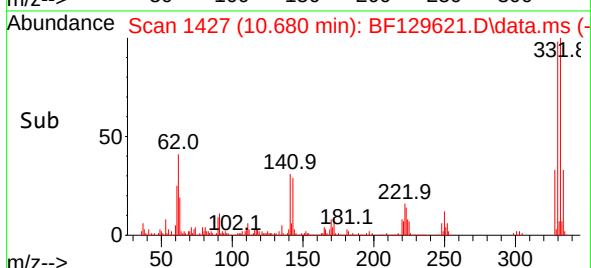
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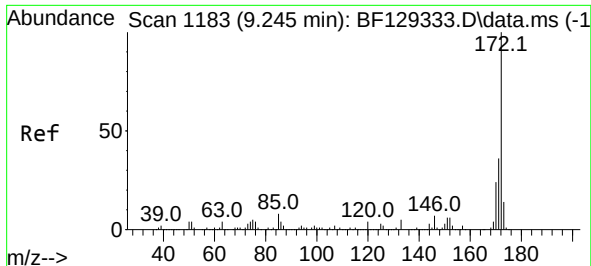


#42
2,4,6-Tribromophenol
Concen: 77.446 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53



Tgt Ion:330 Resp: 158349
Ion Ratio Lower Upper
330 100
332 102.3 76.8 115.2
141 35.5 28.0 42.0





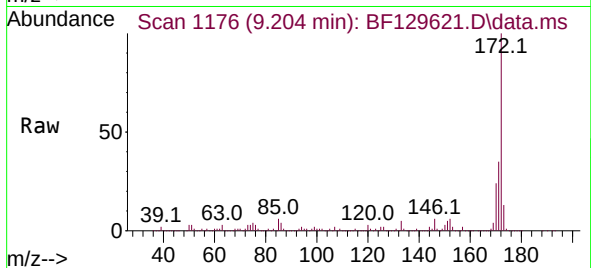
#45
2-Fluorobiphenyl
Concen: 55.459 ng
RT: 9.204 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :

BNA_F

ClientSampleId :

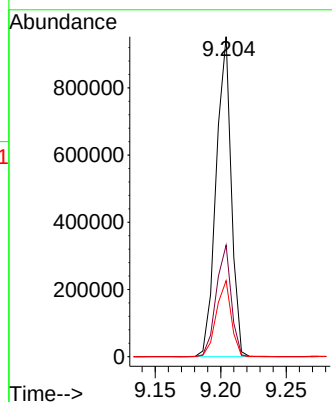
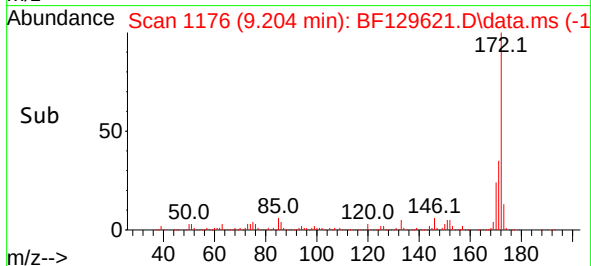
COMP1-0804



Tgt Ion:172 Resp: 762414
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.7 19.8 29.8

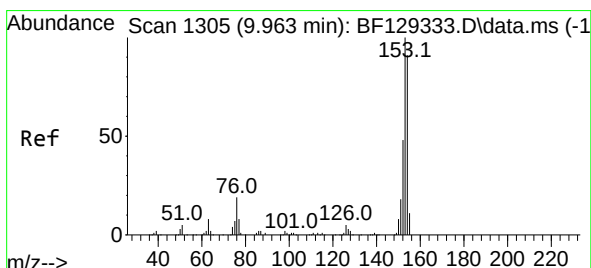
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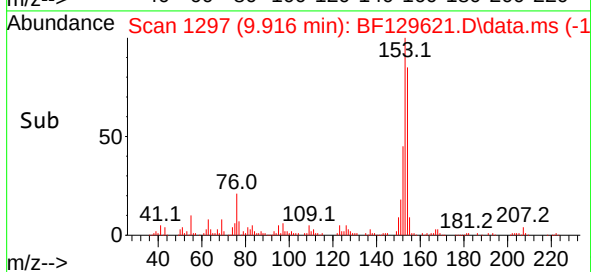
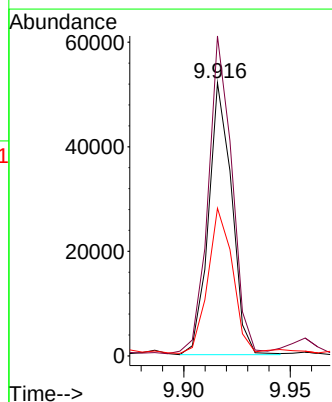
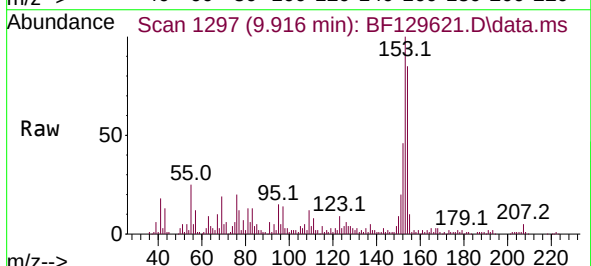
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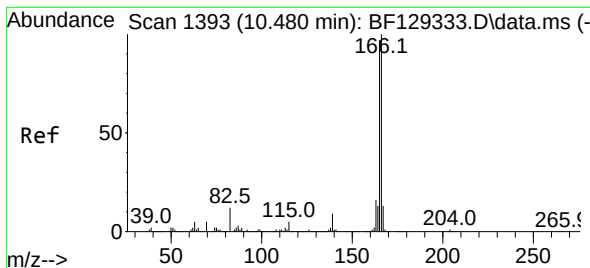
08/08/2022



#52
Acenaphthene
Concen: 3.168 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Tgt Ion:154 Resp: 39452
Ion Ratio Lower Upper
154 100
153 117.2 89.6 134.4
152 54.0 42.4 63.6





#58

Fluorene

Concen: 2.283 ng

RT: 10.433 min Scan# 1393

Delta R.T. -0.012 min

Lab File: BF129621.D

Acq: 06 Aug 2022 02:53

Instrument :

BNA_F

ClientSampleId :

COMP1-0804

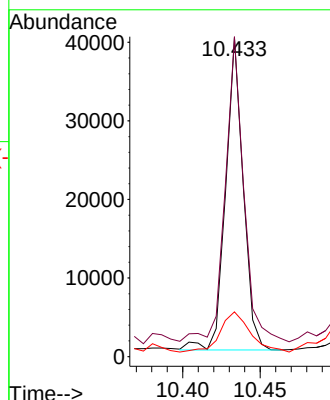
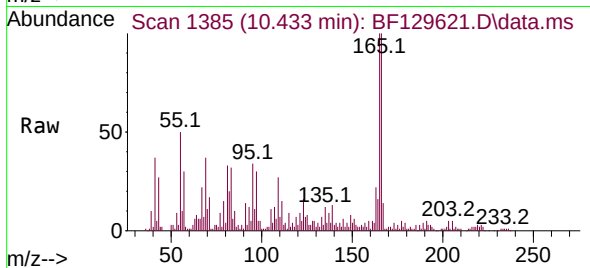
Tgt Ion:166 Resp: 31359
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.1 117.1
 167 14.0 10.5 15.7

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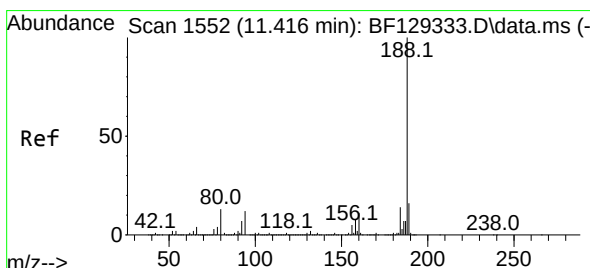
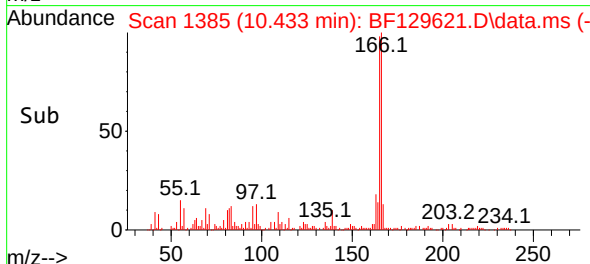
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Upadhyay

08/08/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

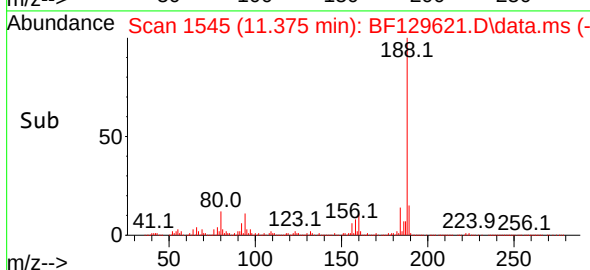
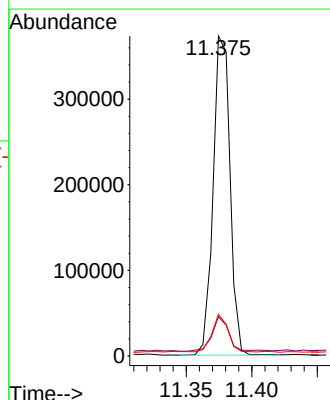
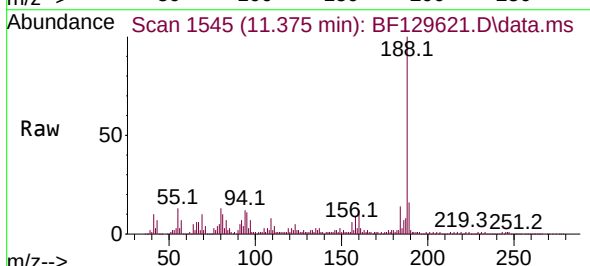
RT: 11.375 min Scan# 1545

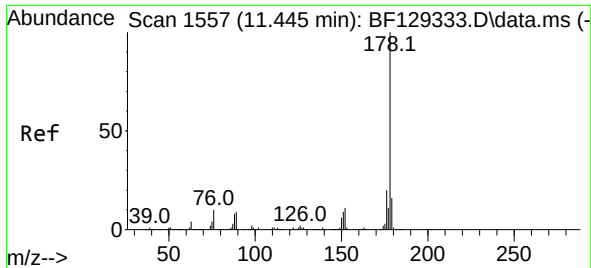
Delta R.T. -0.006 min

Lab File: BF129621.D

Acq: 06 Aug 2022 02:53

Tgt Ion:188 Resp: 335157
 Ion Ratio Lower Upper
 188 100
 94 12.3 7.0 10.6#
 80 13.0 7.6 11.4#





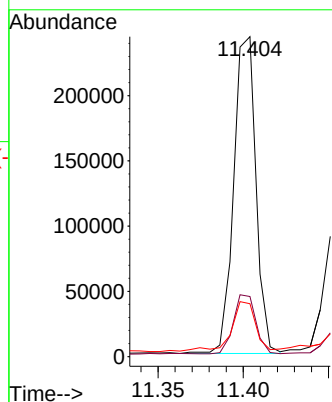
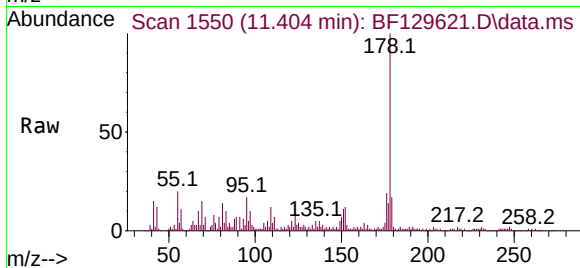
#71
Phenanthrene
Concen: 12.058 ng
RT: 11.404 min Scan# 11550
Delta R.T. -0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :
BNA_F
ClientSampleId :
COMP1-0804

Tgt Ion:178 Resp: 220613
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 16.5 12.6 19.0

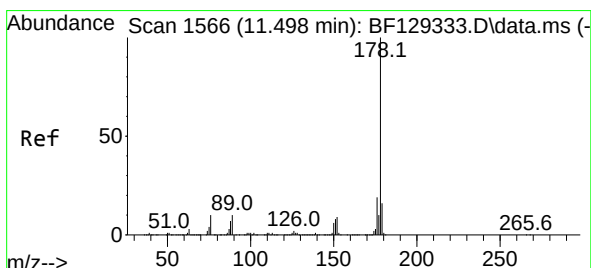
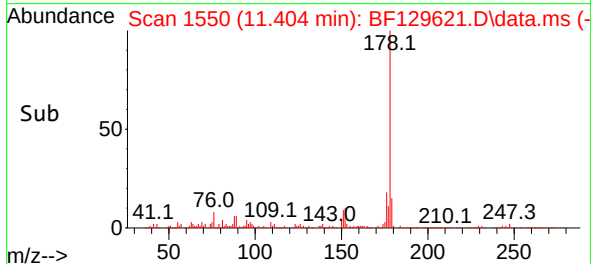
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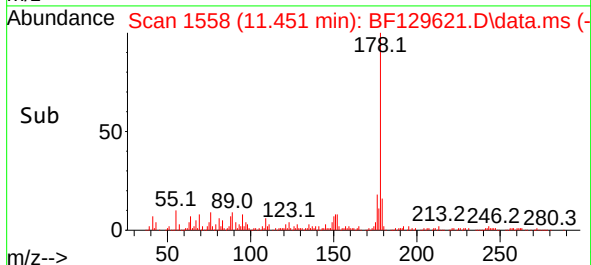
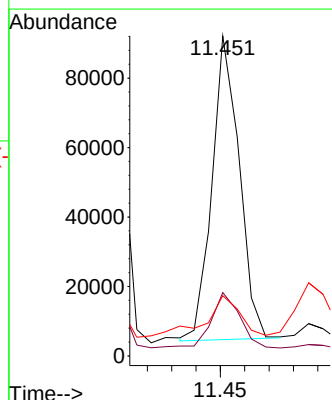
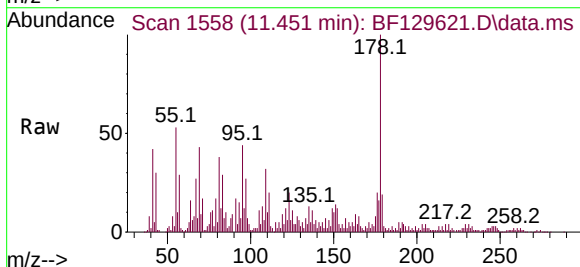
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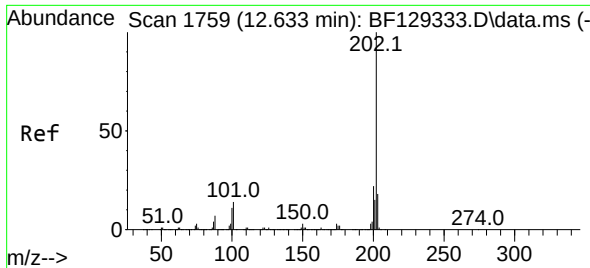
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#72
Anthracene
Concen: 3.789 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

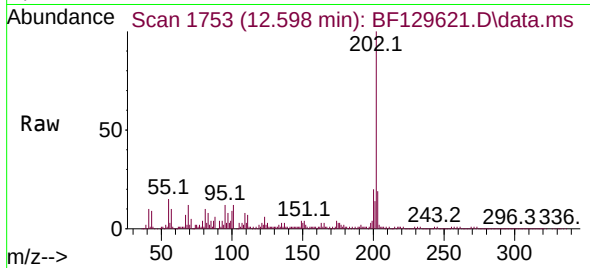
Tgt Ion:178 Resp: 68131
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 18.8 12.6 19.0





#75
Fluoranthene
Concen: 27.962 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

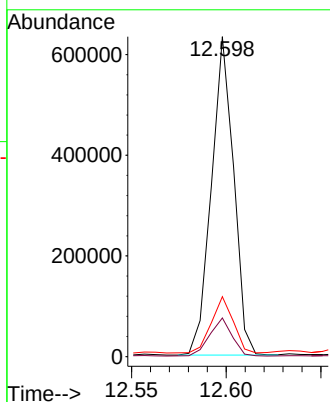
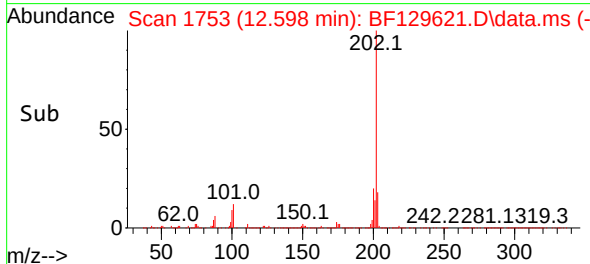
Instrument :
BNA_F
ClientSampleId :
COMP1-0804



Tgt Ion:202 Resp: 518346
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.4
203 18.7 0.0 38.0

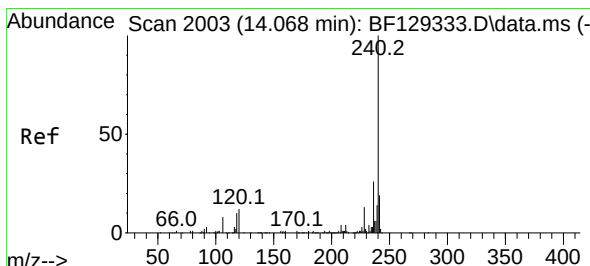
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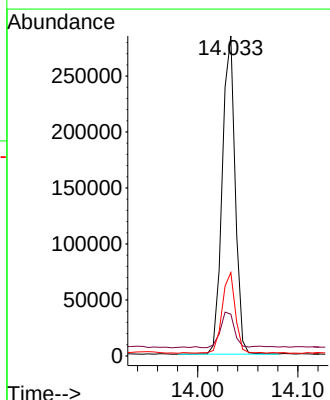
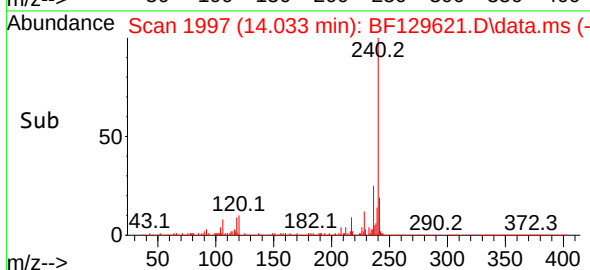
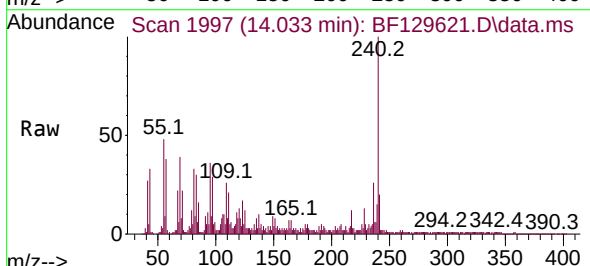
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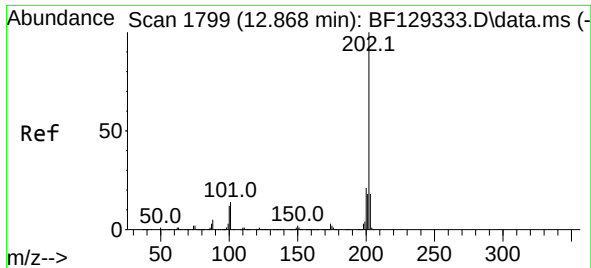
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

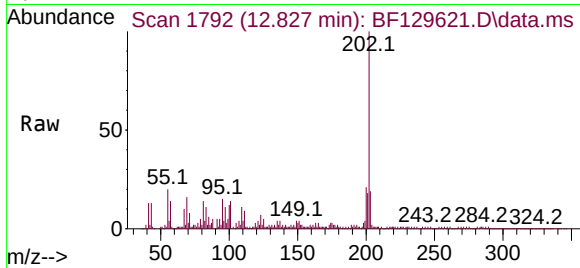
Tgt Ion:240 Resp: 257035
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 26.0 20.8 31.2





#78
Pyrene
Concen: 21.457 ng
RT: 12.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

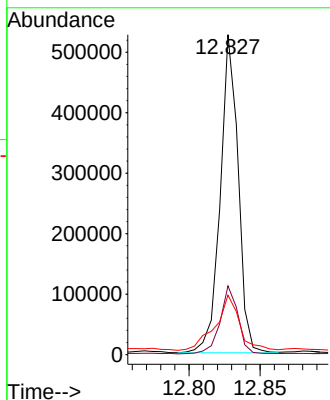
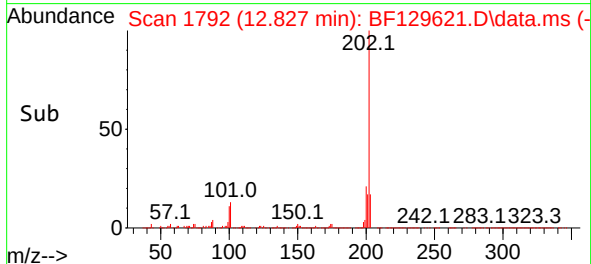
Instrument :
BNA_F
ClientSampleId :
COMP1-0804



Tgt Ion:202 Resp: 461193
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 18.6 14.6 21.8

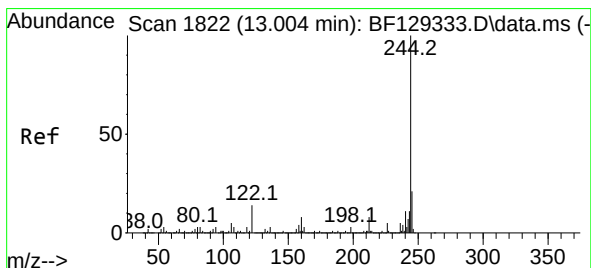
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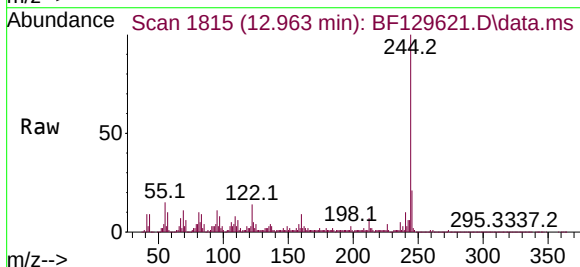


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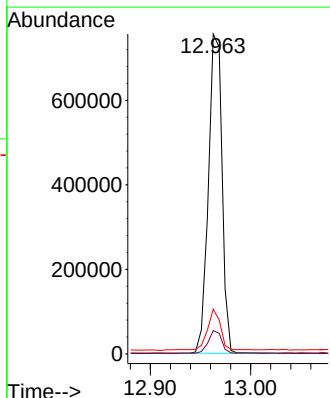
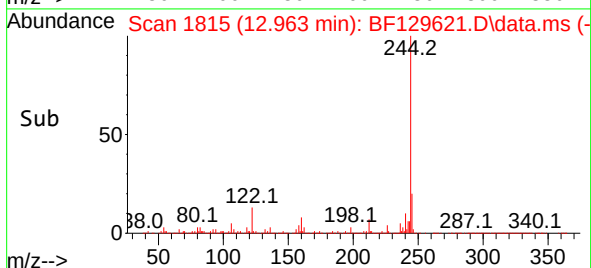
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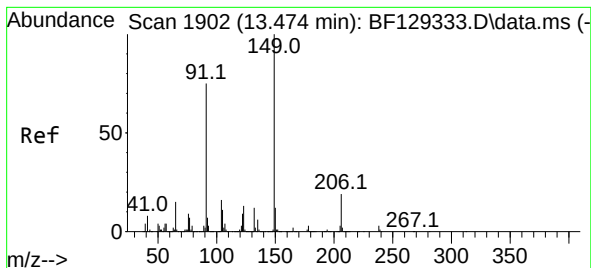


#79
Terphenyl-d14
Concen: 52.347 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53



Tgt Ion:244 Resp: 713193
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 14.0 8.8 13.2#





#80
Butylbenzylphthalate
Concen: 2.345 ng
RT: 13.439 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :

BNA_F

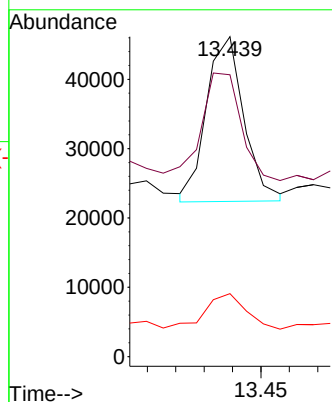
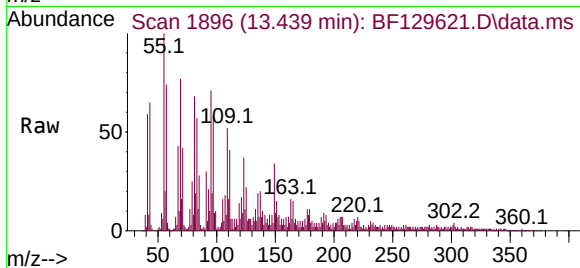
ClientSampleId :

COMP1-0804

Tgt Ion:149 Resp: 21862
Ion Ratio Lower Upper
149 100
91 88.1 61.2 91.8
206 19.7 15.7 23.5

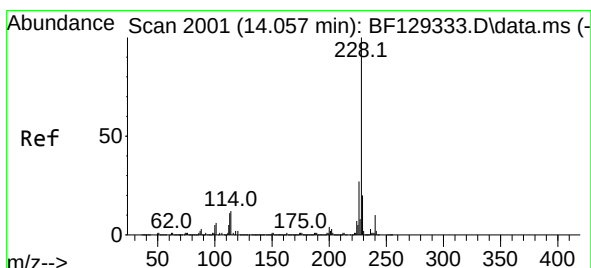
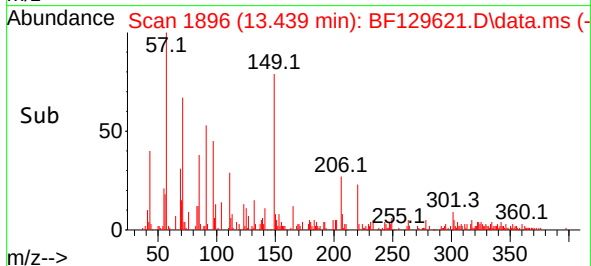
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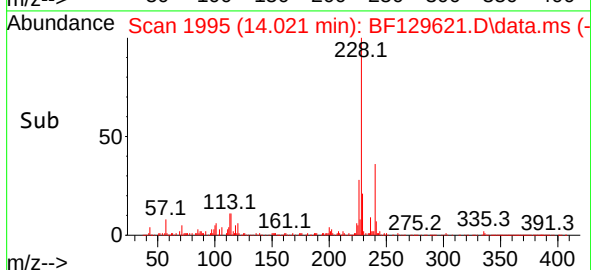
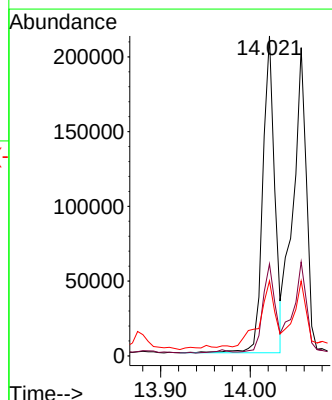
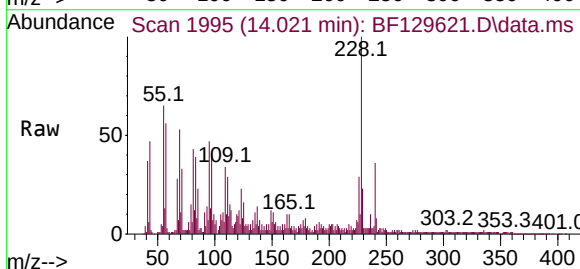
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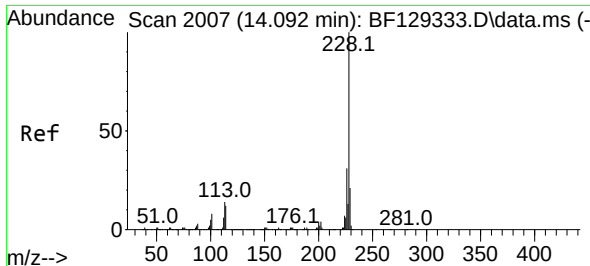
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#81
Benzo(a)anthracene
Concen: 11.146 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Tgt Ion:228 Resp: 195699
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 23.4 15.8 23.8





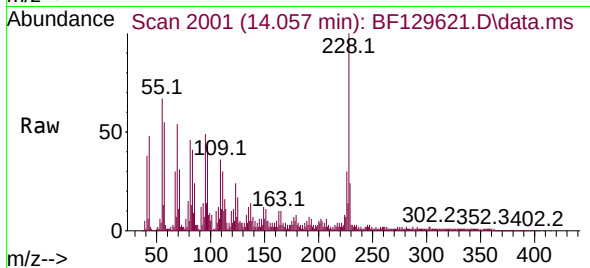
#83
Chrysene
Concen: 12.858 ng m
RT: 14.057 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :

BNA_F

ClientSampleId :

COMP1-0804

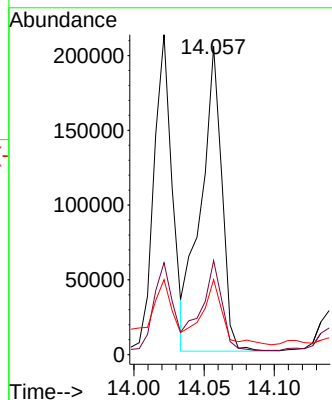
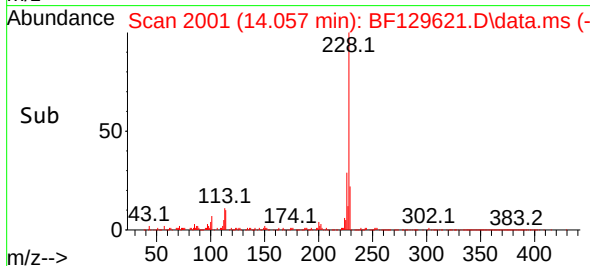


Tgt Ion:228 Resp: 212777
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 24.3 15.9 23.9

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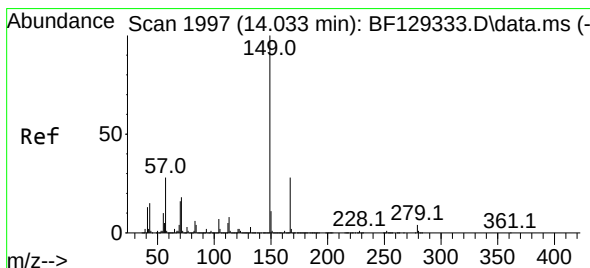
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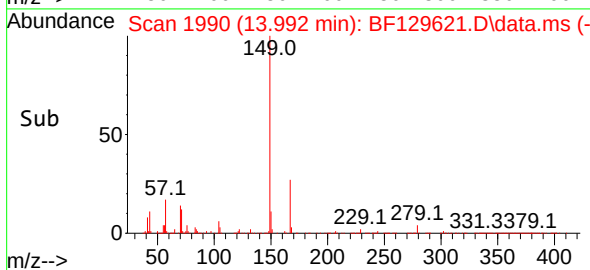
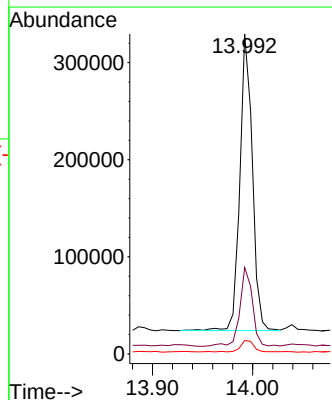
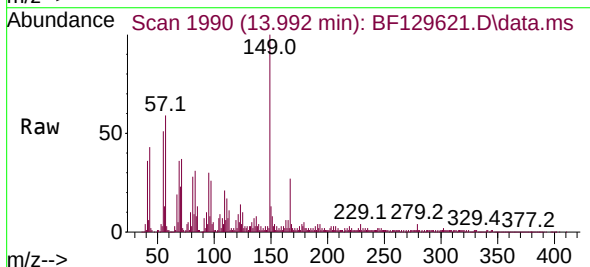
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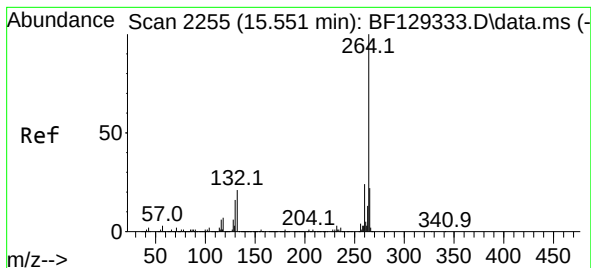
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#84
Bis(2-ethylhexyl)phthalate
Concen: 21.465 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

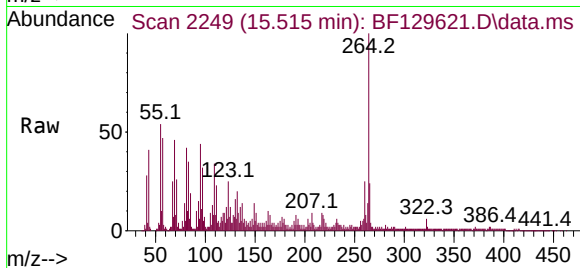
Tgt Ion:149 Resp: 263458
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.4
279 4.2 3.1 4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

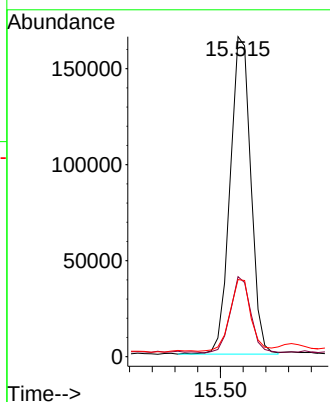
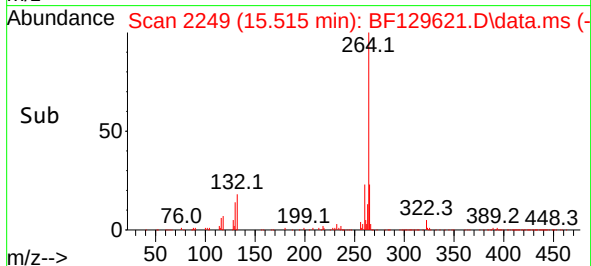
Instrument :
BNA_F
ClientSampleId :
COMP1-0804



Tgt Ion:264 Resp: 209996
Ion Ratio Lower Upper
264 100
260 25.0 18.4 27.6
265 24.1 17.2 25.8

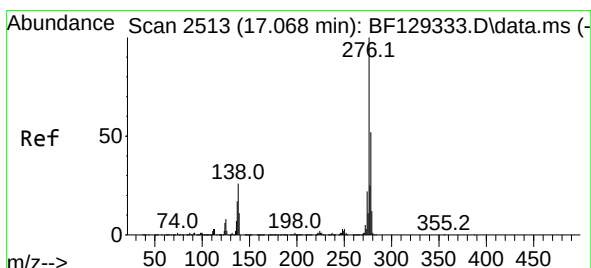
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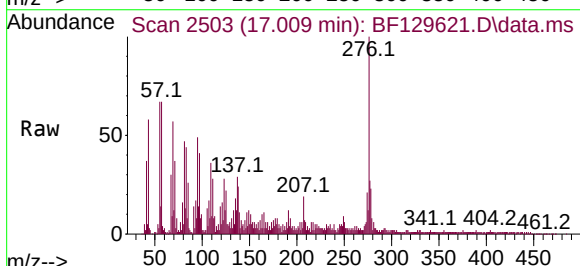


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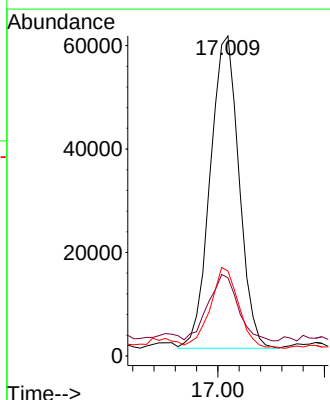
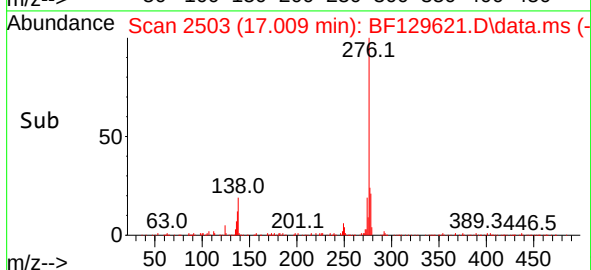
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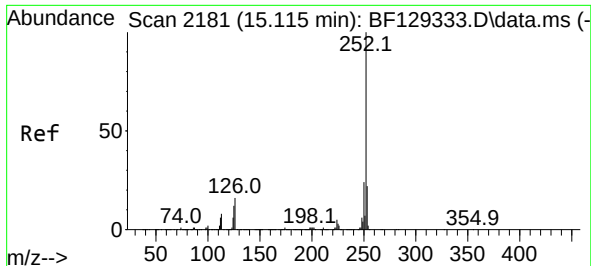


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.026 ng
RT: 17.009 min Scan# 2503
Delta R.T. 0.012 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53



Tgt Ion:276 Resp: 113492
Ion Ratio Lower Upper
276 100
138 21.8 21.1 31.7
277 25.7 20.3 30.5





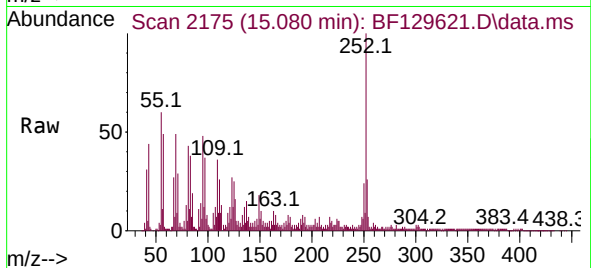
#88
Benzo(b)fluoranthene
Concen: 18.950 ng m
RT: 15.080 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :

BNF

ClientSampleId :

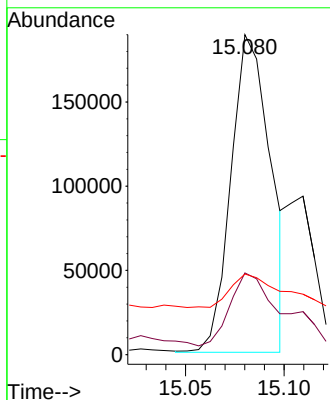
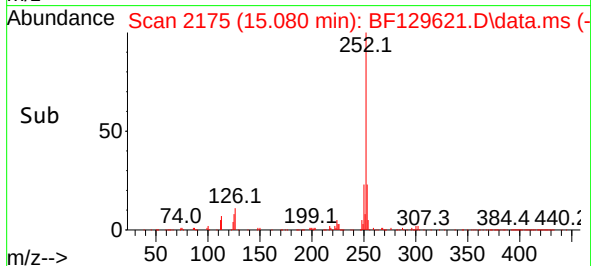
COMP1-0804



Tgt Ion:252 Resp: 263970
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 25.2 8.0 12.0

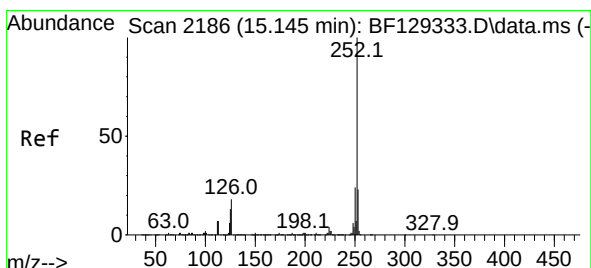
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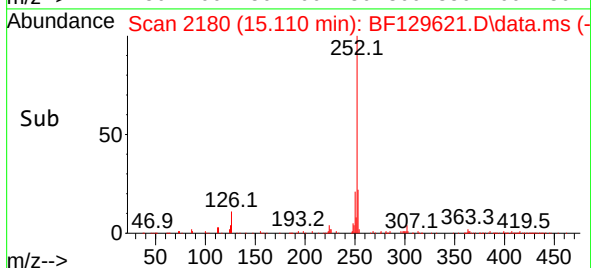
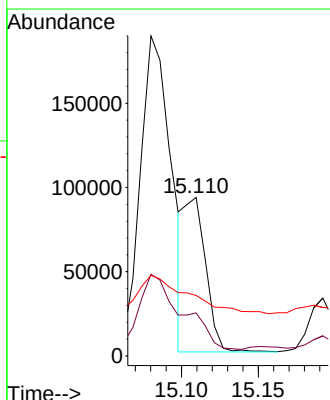
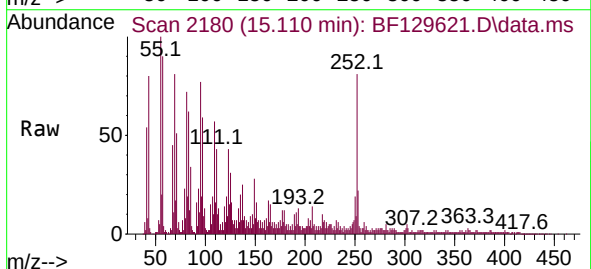
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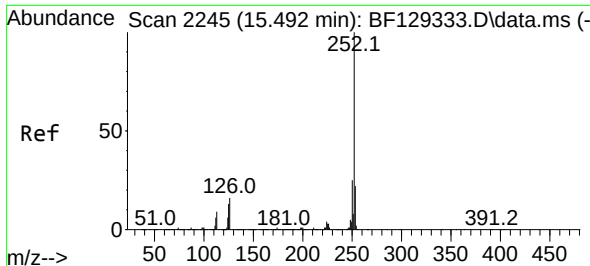
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#89
Benzo(k)fluoranthene
Concen: 6.617 ng m
RT: 15.110 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Tgt Ion:252 Resp: 90325
Ion Ratio Lower Upper
252 100
253 27.1 17.8 26.6#
125 38.1 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 14.513 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Instrument :

BNA_F

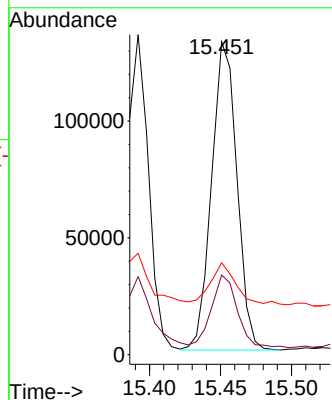
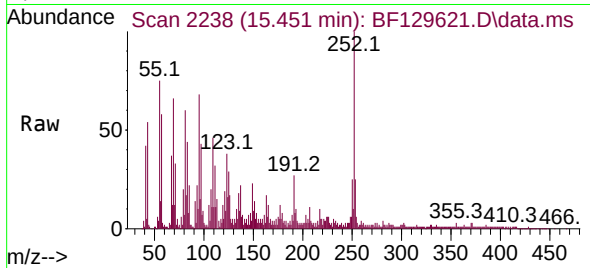
ClientSampleId :

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Tgt Ion:252 Resp: 164113
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.6
125 29.3 8.8 13.2

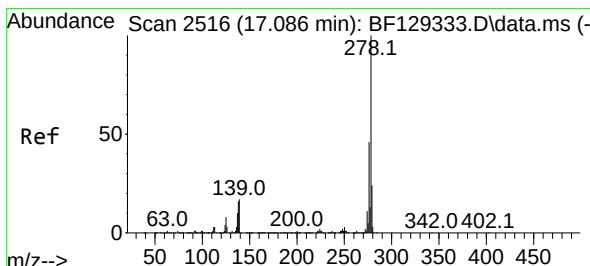
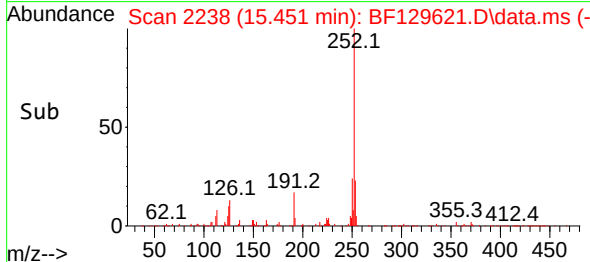
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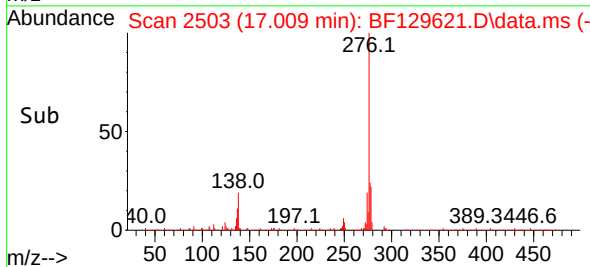
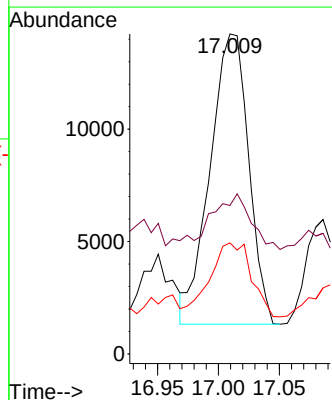
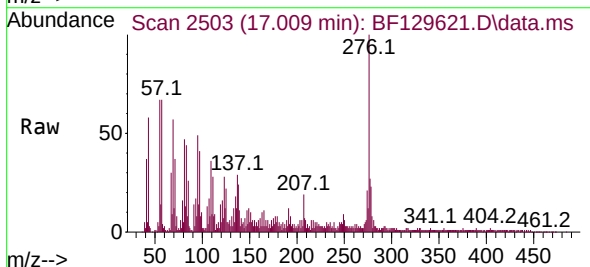
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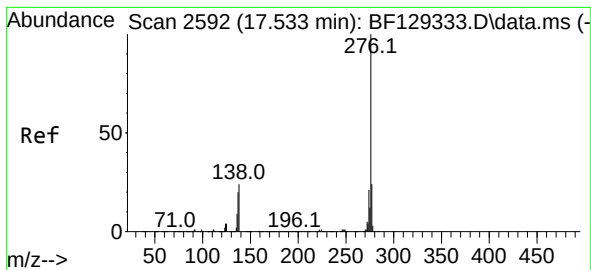
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#91
Dibenzo(a,h)anthracene
Concen: 2.477 ng
RT: 17.009 min Scan# 2503
Delta R.T. -0.000 min
Lab File: BF129621.D
Acq: 06 Aug 2022 02:53

Tgt Ion:278 Resp: 28504
Ion Ratio Lower Upper
278 100
139 46.4 12.8 19.2#
279 34.7 18.6 28.0#





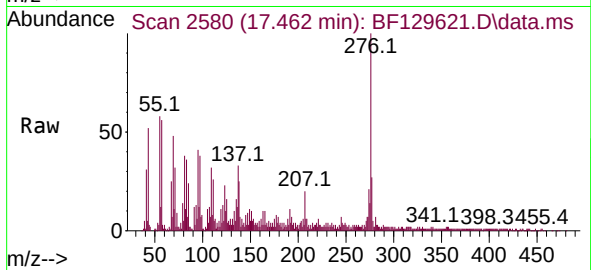
#92
 Benzo(g,h,i)perylene
 Concen: 9.981 ng
 RT: 17.462 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF129621.D
 Acq: 06 Aug 2022 02:53

Instrument :

BNA_F

ClientSampleId :

COMP1-0804

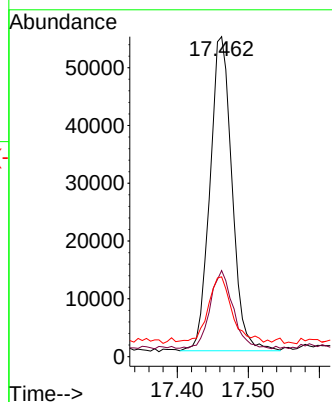
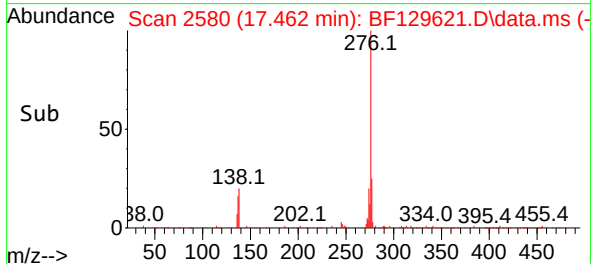


Tgt Ion:276 Resp: 117389
 Ion Ratio Lower Upper
 276 100
 277 26.9 19.1 28.7
 138 24.9 18.0 27.0

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