

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129662.D
 Acq On : 09 Aug 2022 12:31
 Operator : CG\JU
 Sample : N4023-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-1-6

Manual Integrations
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Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 09 15:16:30 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							08/10/2022
1) 1,4-Dichlorobenzene-d4	6.840	152	138478	20.000	ng	-0.01	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	8.122	136	554833	20.000	ng	-0.01	
39) Acenaphthene-d10	9.880	164	302382	20.000	ng	-0.01	
64) Phenanthrene-d10	11.369	188	537037	20.000	ng	#-0.01	
76) Chrysene-d12	14.027	240	363148	20.000	ng	0.00	
86) Perylene-d12	15.504	264	386276	20.000	ng	0.00	08/10/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	920707	108.308	ng	0.00	
7) Phenol-d6	6.492	99	1157369	108.317	ng	-0.01	
23) Nitrobenzene-d5	7.404	82	743838	73.184	ng	-0.02	
42) 2,4,6-Tribromophenol	10.675	330	359835	123.775	ng	-0.01	
45) 2-Fluorobiphenyl	9.198	172	1394672	71.350	ng	-0.01	
79) Terphenyl-d14	12.963	244	1488693	77.339	ng	0.00	
Target Compounds							Qvalue
31) Naphthalene	8.139	128	84303	2.991	ng		100
52) Acenaphthene	9.910	154	71742	4.052	ng		99
55) Dibenzofuran	10.081	168	77972	3.195	ng		98
58) Fluorene	10.428	166	87015	4.456	ng		96
71) Phenanthrene	11.398	178	1380997	47.108	ng		99
72) Anthracene	11.445	178	314753	10.926	ng		99
73) Carbazole	11.604	167	197058	7.266	ng		99
75) Fluoranthene	12.598	202	1960882	66.016	ng		99
78) Pyrene	12.827	202	1724032	56.772	ng		99
81) Benzo(a)anthracene	14.016	228	867692	34.978	ng		97
83) Chrysene	14.057	228	800139	34.224	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	484144	18.612	ng	#	94
88) Benzo(b)fluoranthene	15.074	252	1094515m	42.716	ng		
89) Benzo(k)fluoranthene	15.098	252	351957m	14.017	ng		
90) Benzo(a)pyrene	15.445	252	773832	37.203	ng		96
91) Dibenzo(a,h)anthracene	16.998	278	128804m	6.084	ng		
92) Benzo(g,h,i)perylene	17.445	276	432786	20.005	ng		99

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

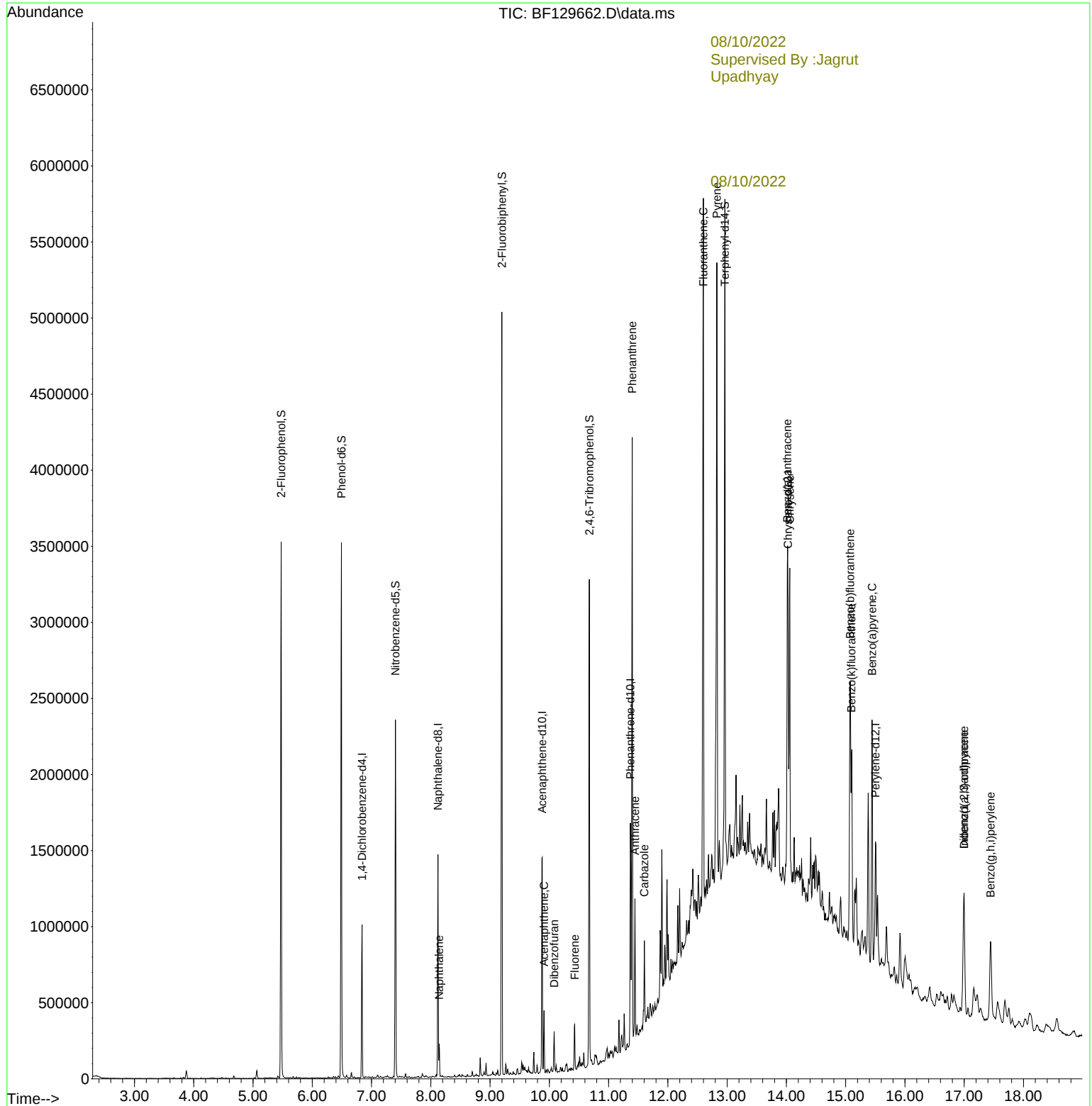
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
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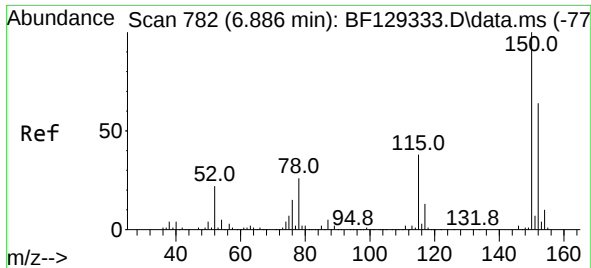
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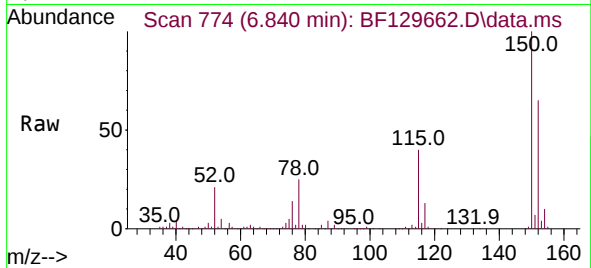
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Supervised By :Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129662.D
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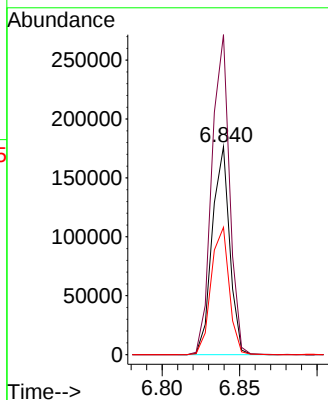
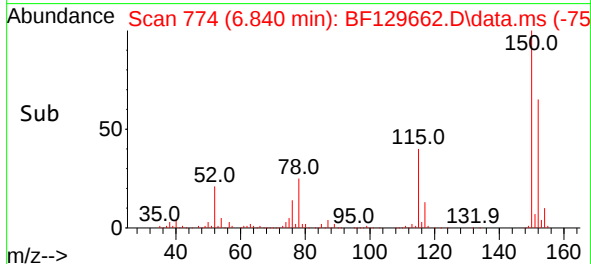
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:152 Resp: 138478
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 61.2 49.9 74.9

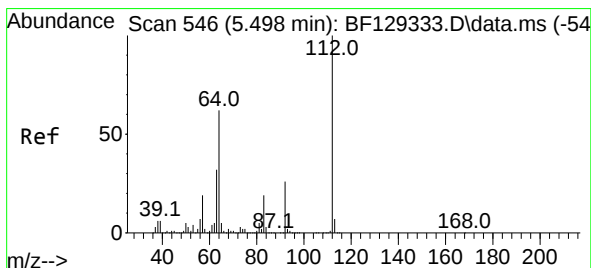
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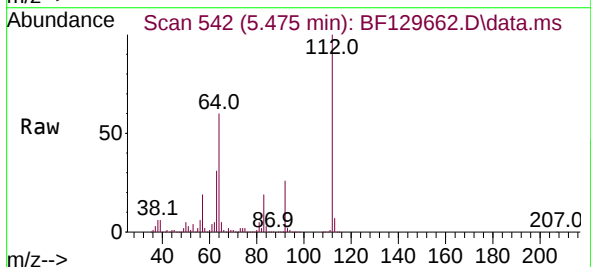


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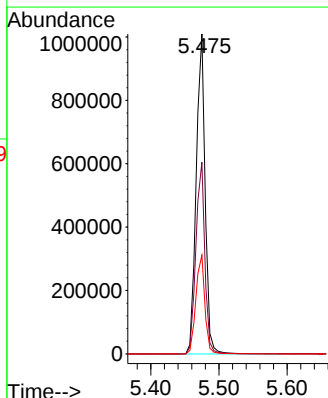
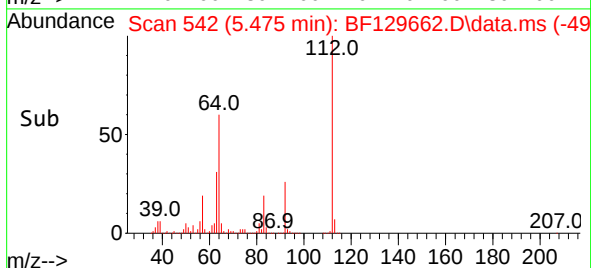
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#5
2-Fluorophenol
Concen: 108.308 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31



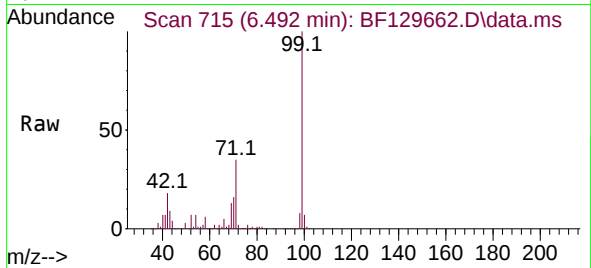
Tgt Ion:112 Resp: 920707
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 30.8 28.0 42.0





#7
Phenol-d6
Concen: 108.317 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

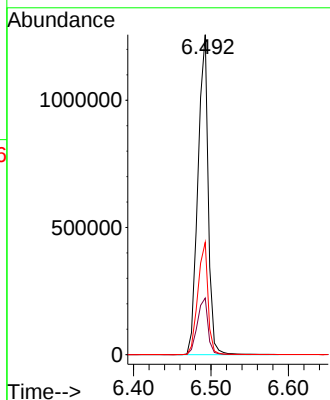
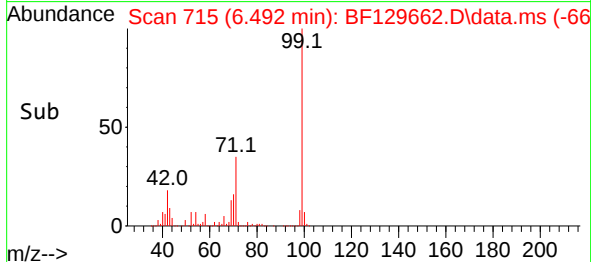
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion: 99 Resp: 1157369
Ion Ratio Lower Upper
99 100
42 17.7 17.3 25.9
71 35.1 28.9 43.3

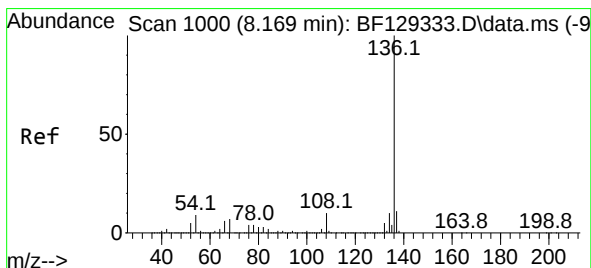
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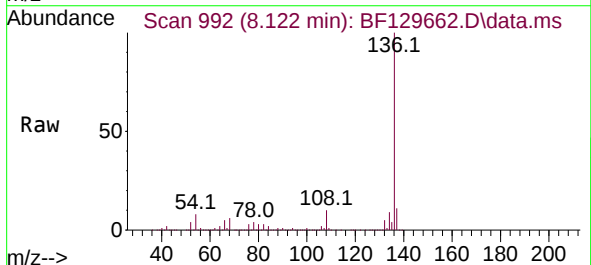


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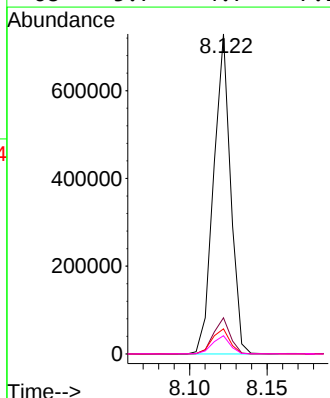
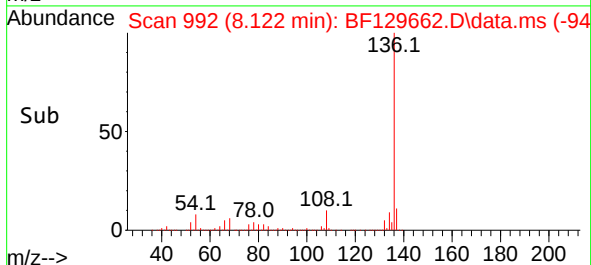
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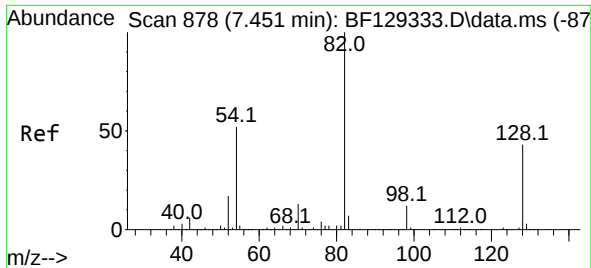


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31



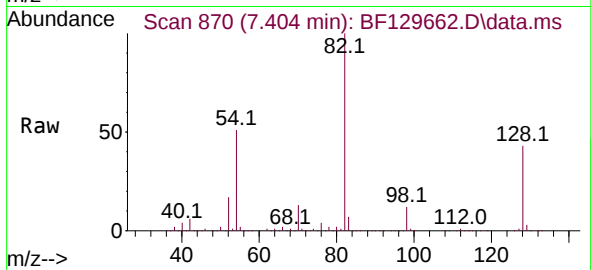
Tgt Ion:136 Resp: 554833
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 73.184 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

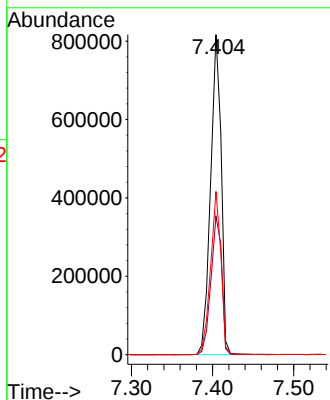
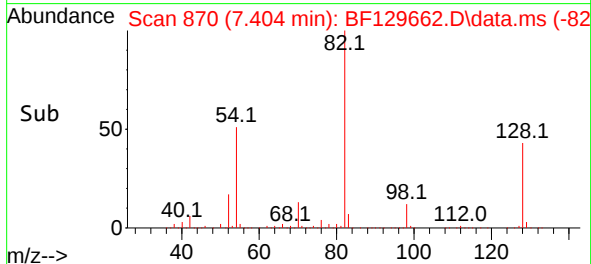
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 743838
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 51.0 46.9 70.3

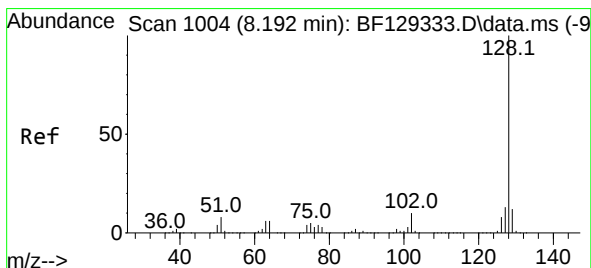
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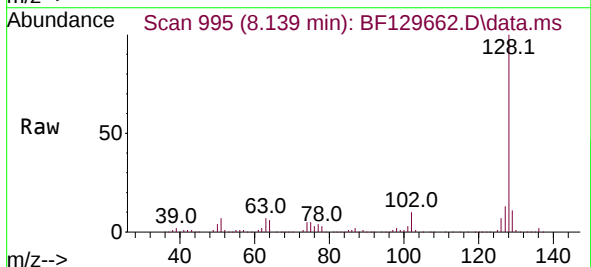


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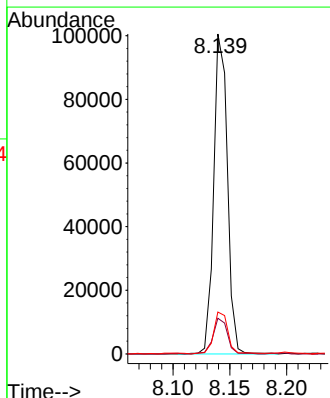
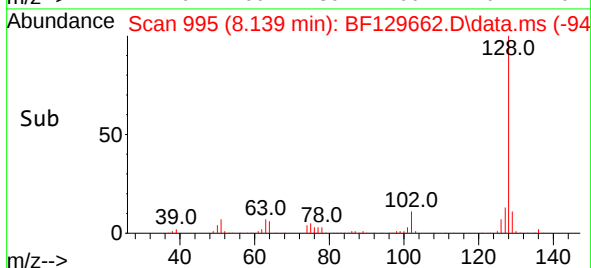
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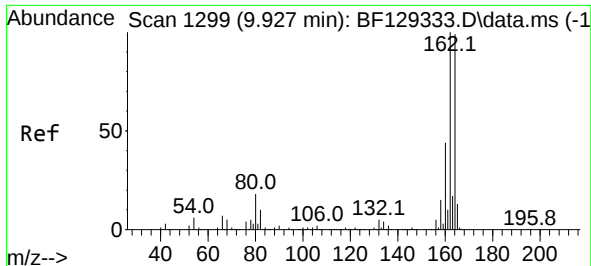


#31
Naphthalene
Concen: 2.991 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31



Tgt Ion:128 Resp: 84303
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.5 15.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129662.D

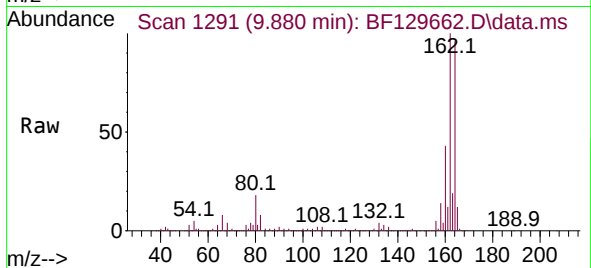
Acq: 09 Aug 2022 12:31

Instrument :

BNA_F

ClientSampleId :

TP2-1-6

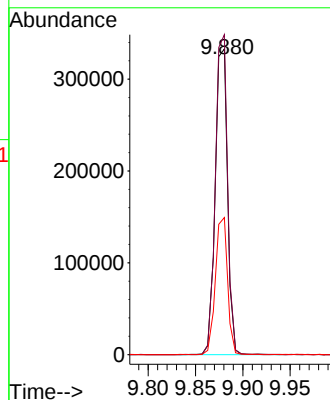
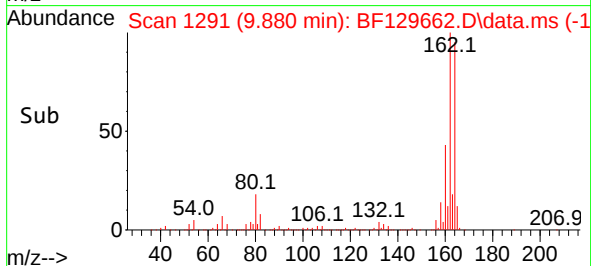


Tgt Ion:164 Resp: 302382

Ion	Ratio	Lower	Upper
164	100		
162	104.7	79.5	119.3
160	44.8	34.2	51.4

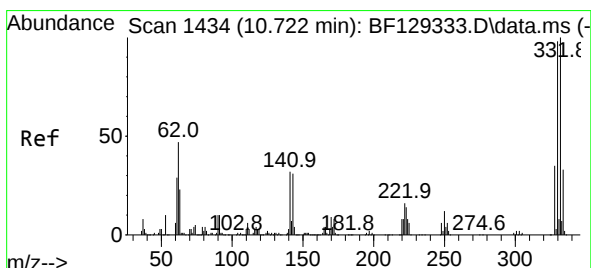
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#42

2,4,6-Tribromophenol

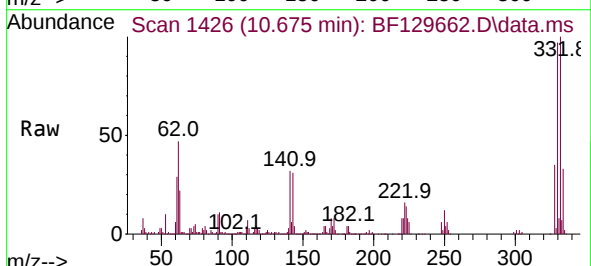
Concen: 123.775 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.012 min

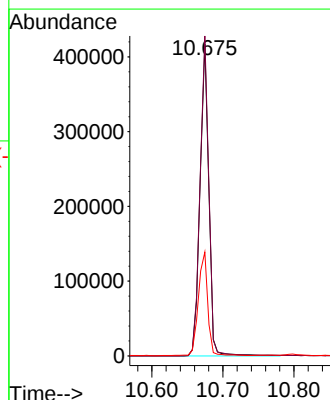
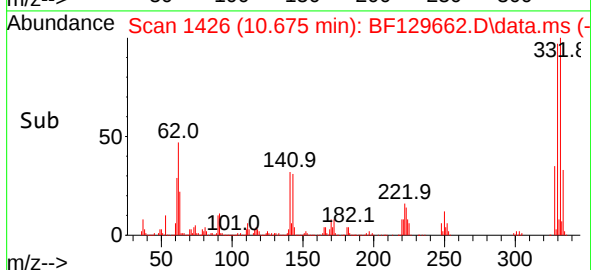
Lab File: BF129662.D

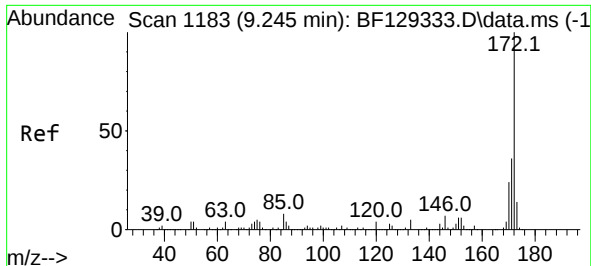
Acq: 09 Aug 2022 12:31



Tgt Ion:330 Resp: 359835

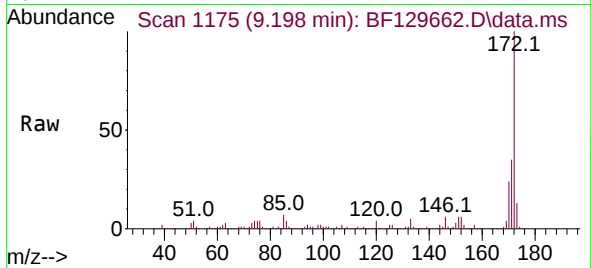
Ion	Ratio	Lower	Upper
330	100		
332	102.4	76.8	115.2
141	35.7	28.0	42.0





#45
2-Fluorobiphenyl
Concen: 71.350 ng
RT: 9.198 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

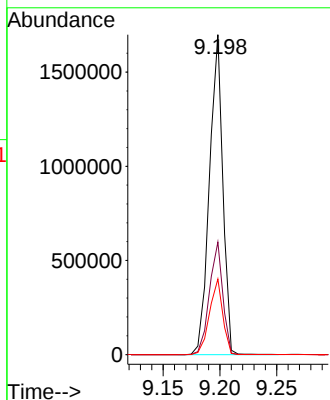
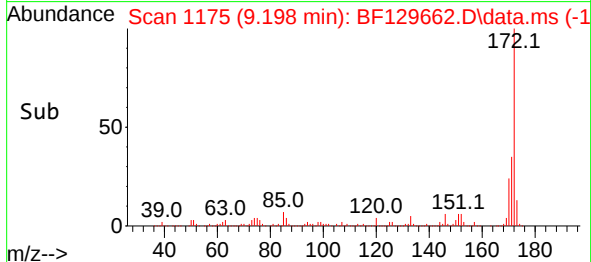
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:172 Resp: 1394672
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.7 19.8 29.8

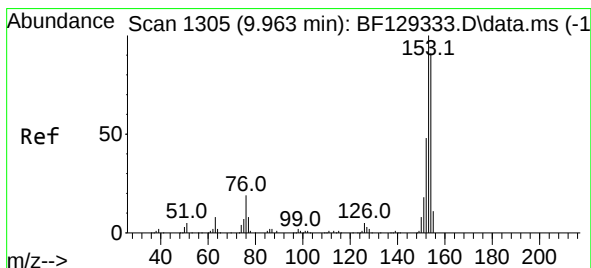
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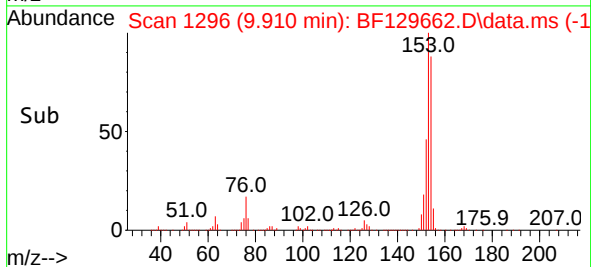
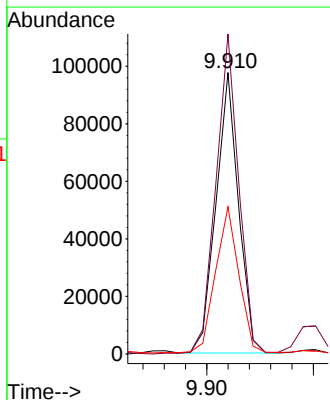
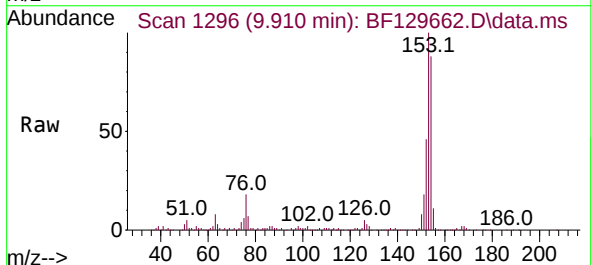
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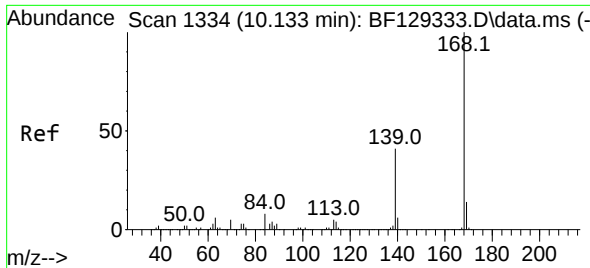
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#52
Acenaphthene
Concen: 4.052 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

Tgt Ion:154 Resp: 71742
Ion Ratio Lower Upper
154 100
153 113.7 89.6 134.4
152 52.3 42.4 63.6





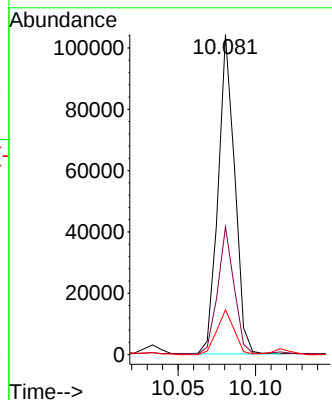
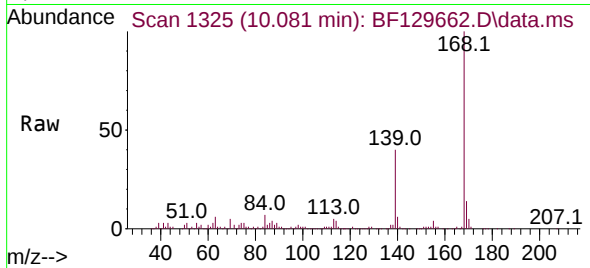
#55
Dibenzenofuran
Concen: 3.195 ng
RT: 10.081 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

Tgt Ion:168 Resp: 77972
Ion Ratio Lower Upper
168 100
139 40.0 30.6 46.0
169 14.0 11.0 16.6

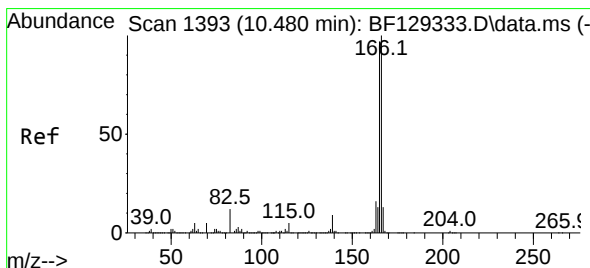
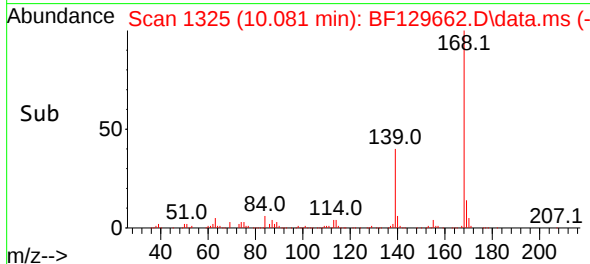
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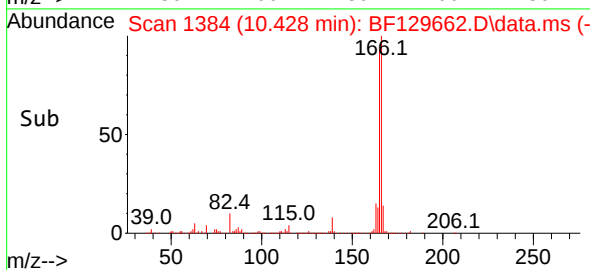
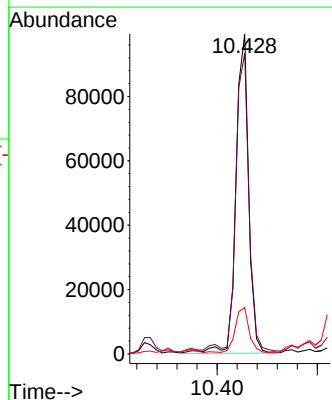
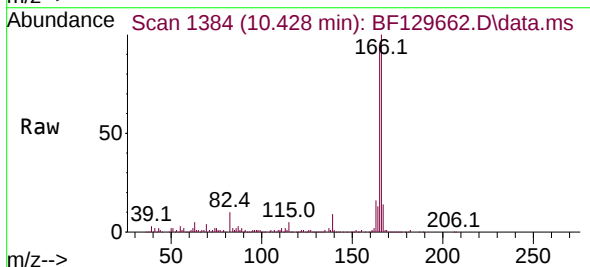
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Upadhyay

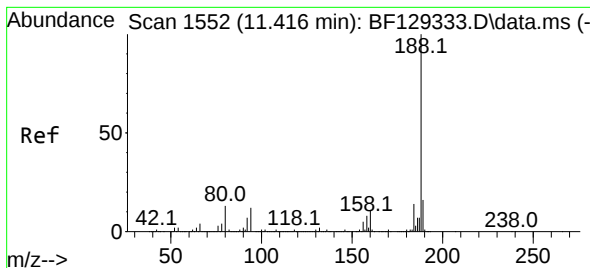
08/10/2022



#58
Fluorene
Concen: 4.456 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.018 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

Tgt Ion:166 Resp: 87015
Ion Ratio Lower Upper
166 100
165 94.0 78.1 117.1
167 14.5 10.5 15.7





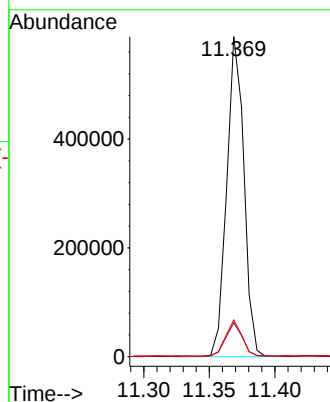
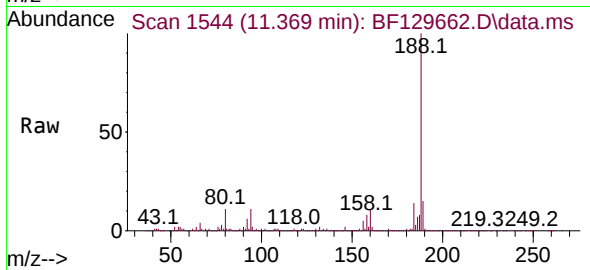
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

Tgt Ion:188 Resp: 537032
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6
80 11.5 7.6 11.4

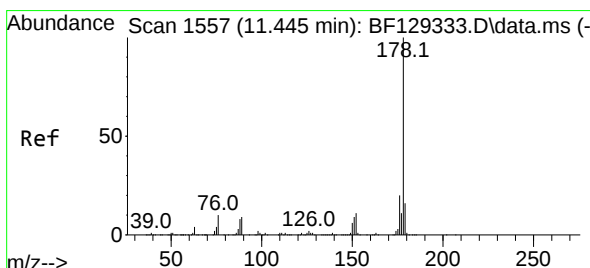
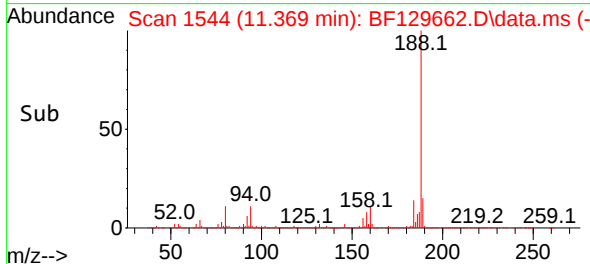
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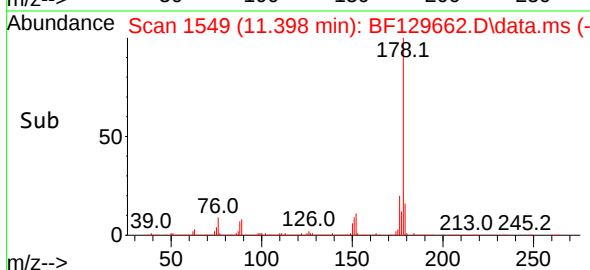
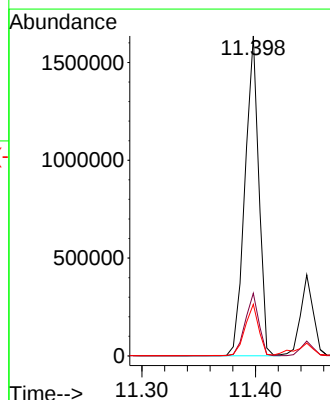
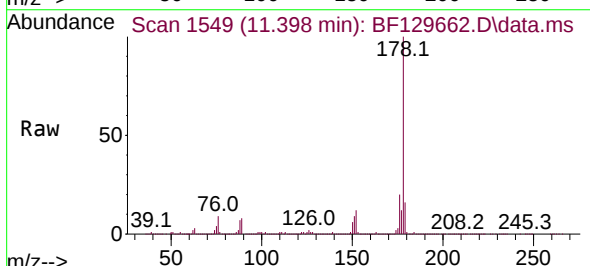
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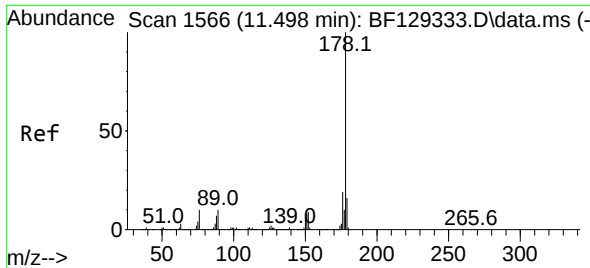
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#71
Phenanthrene
Concen: 47.108 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

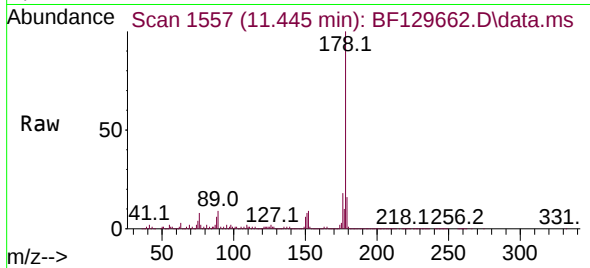
Tgt Ion:178 Resp: 1380997
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.1 12.6 19.0





#72
 Anthracene
 Concen: 10.926 ng
 RT: 11.445 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF129662.D
 Acq: 09 Aug 2022 12:31

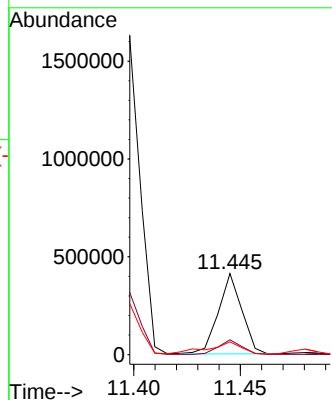
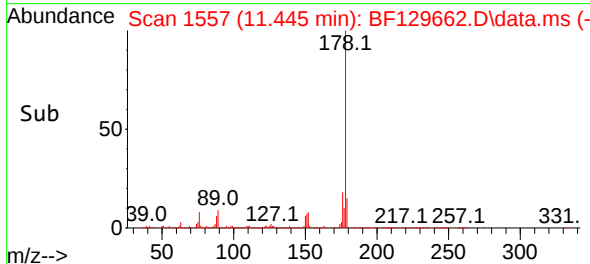
Instrument :
 BNA_F
 ClientSampleId :
 TP2-1-6



Tgt Ion:178 Resp: 314753
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.7 12.6 19.0

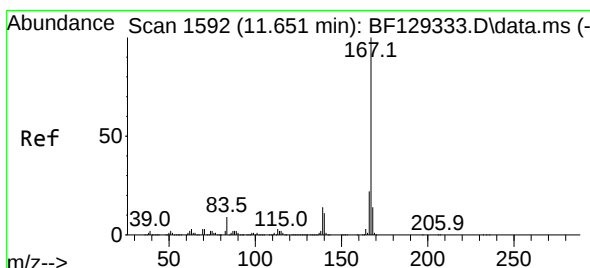
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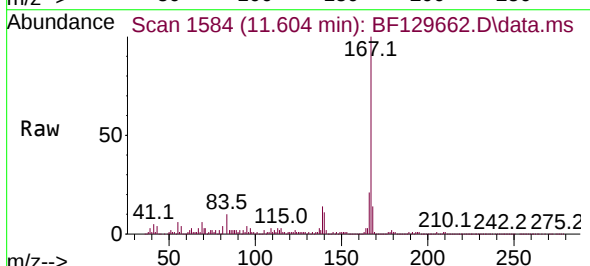


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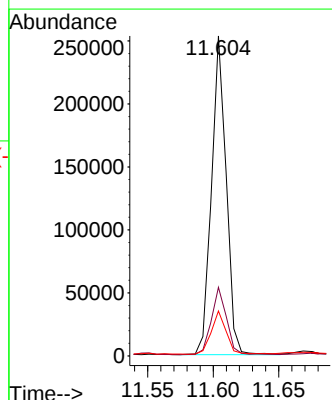
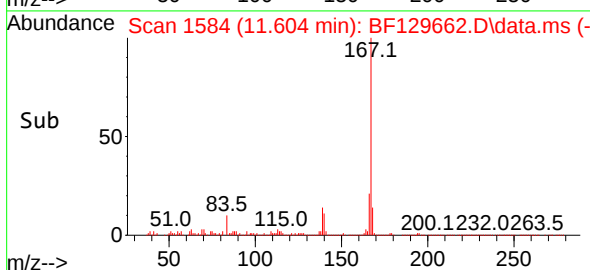
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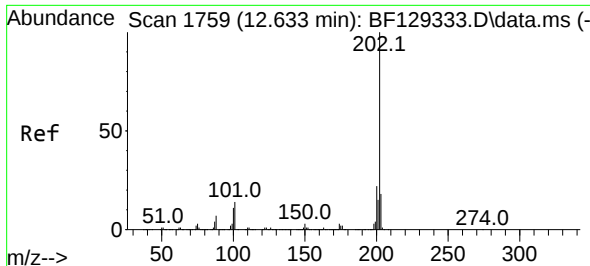


#73
 Carbazole
 Concen: 7.266 ng
 RT: 11.604 min Scan# 1584
 Delta R.T. -0.012 min
 Lab File: BF129662.D
 Acq: 09 Aug 2022 12:31



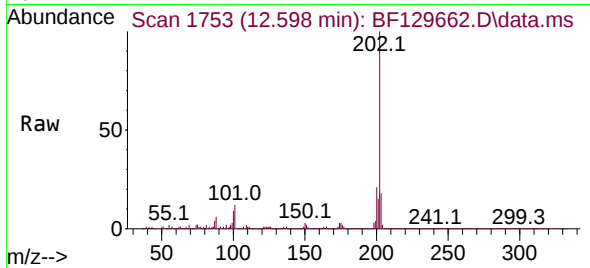
Tgt Ion:167 Resp: 197058
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 14.0 11.2 16.8





#75
Fluoranthene
Concen: 66.016 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

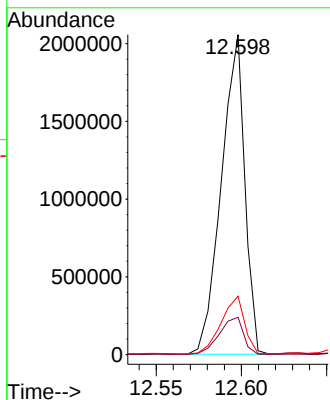
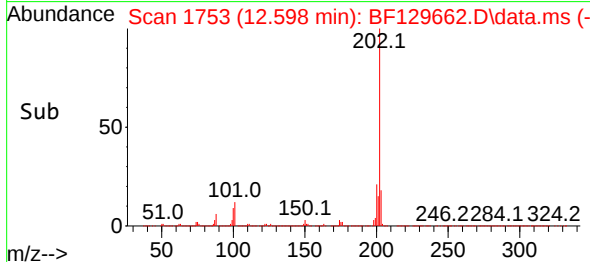
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:202 Resp: 1960882
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 18.3 0.0 38.0

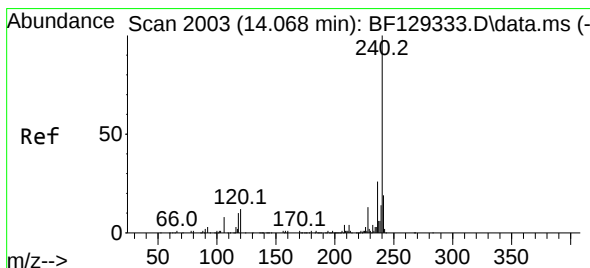
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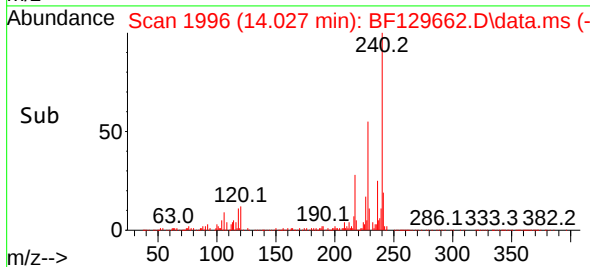
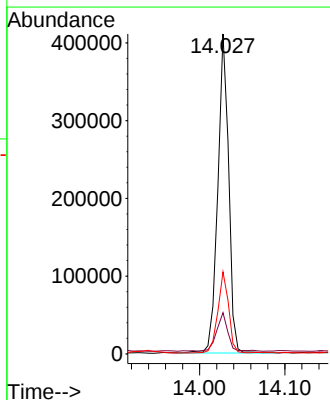
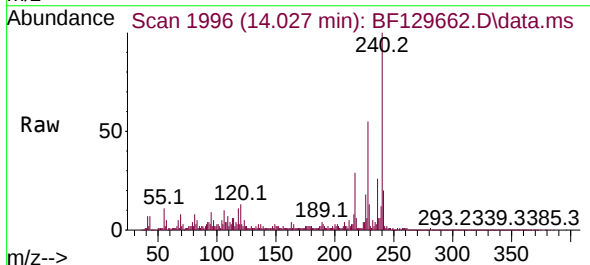
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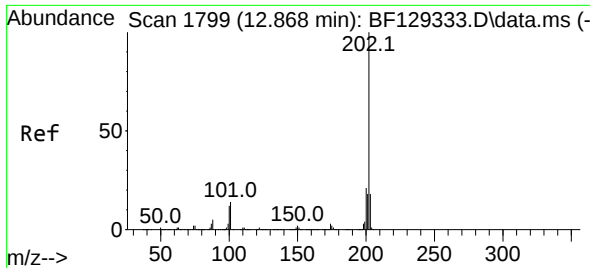
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

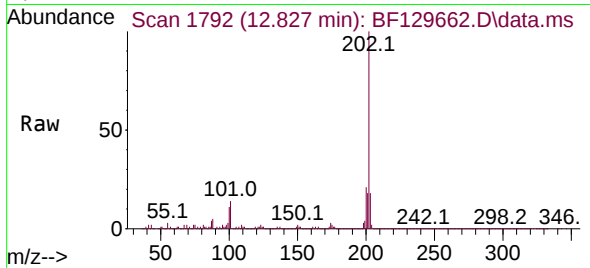
Tgt Ion:240 Resp: 363148
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.6 20.8 31.2





#78
Pyrene
Concen: 56.772 ng
RT: 12.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

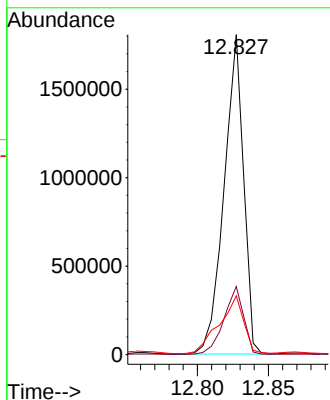
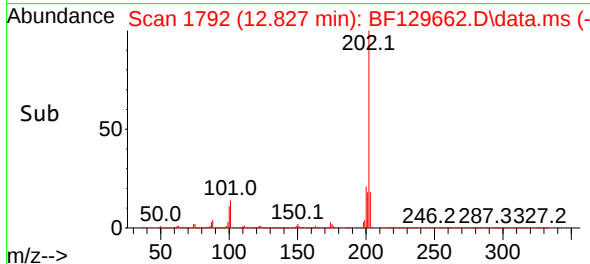
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:202 Resp: 1724032
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 18.4 14.6 21.8

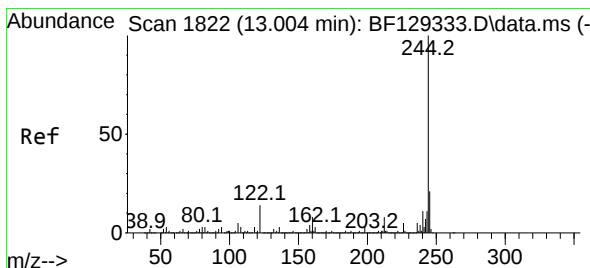
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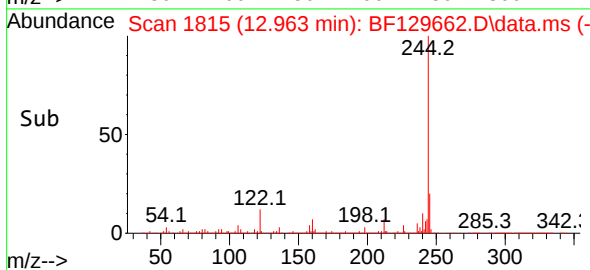
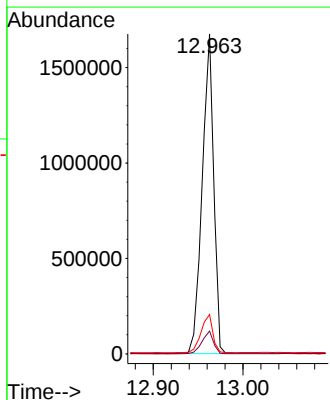
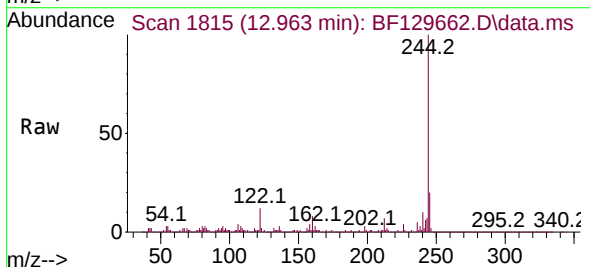
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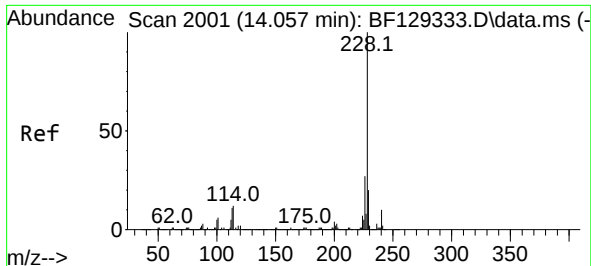
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#79
Terphenyl-d14
Concen: 77.339 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

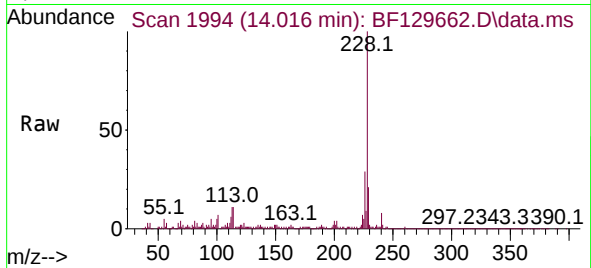
Tgt Ion:244 Resp: 1488693
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.3 8.8 13.2





#81
Benzo(a)anthracene
Concen: 34.978 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

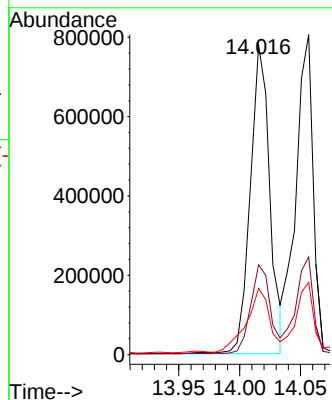
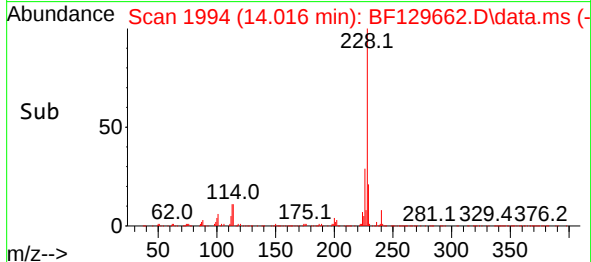
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:228 Resp: 867692
Ion Ratio Lower Upper
228 100
226 29.0 22.1 33.1
229 21.4 15.8 23.8

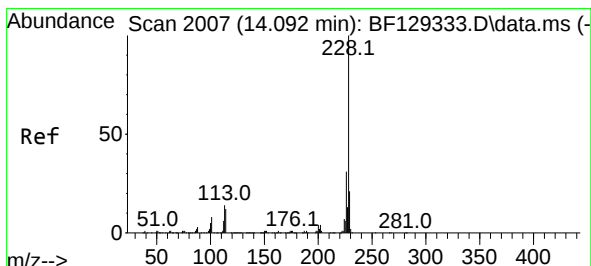
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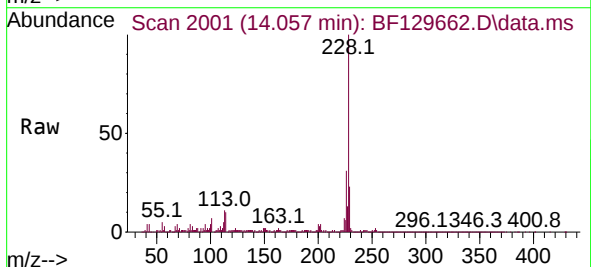


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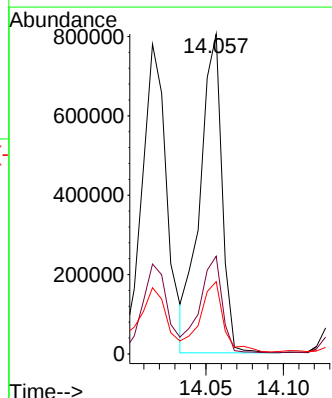
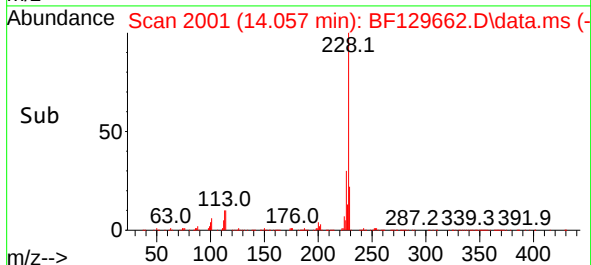
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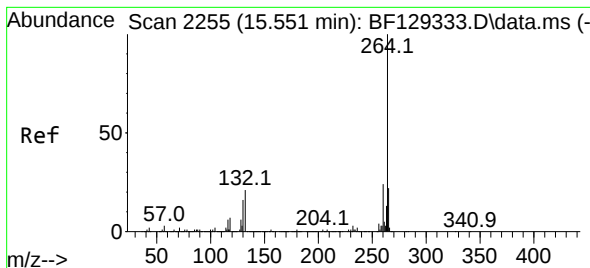


#83
Chrysene
Concen: 34.224 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31



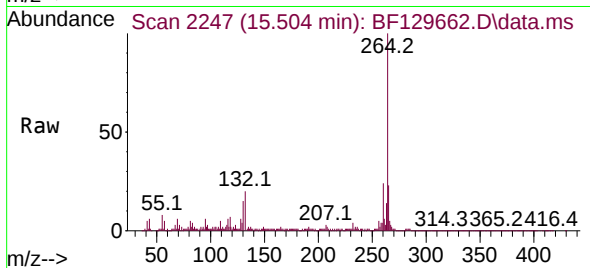
Tgt Ion:228 Resp: 800139
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

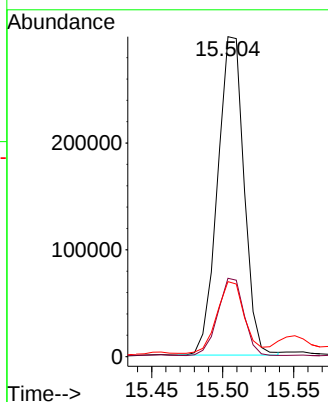
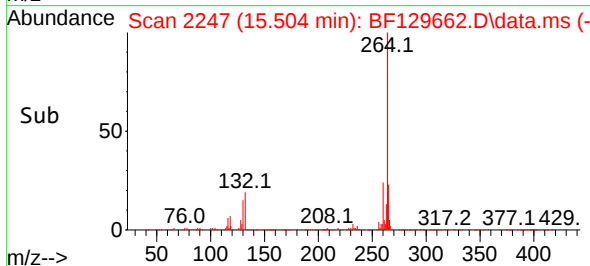
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:264 Resp: 386276
Ion Ratio Lower Upper
264 100
260 24.5 18.4 27.6
265 23.4 17.2 25.8

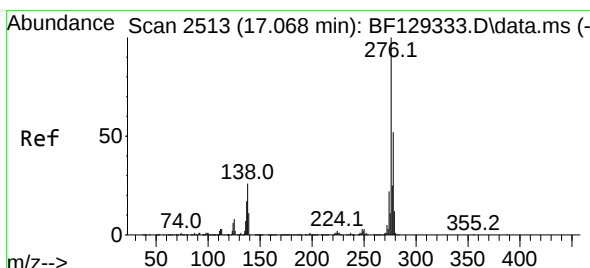
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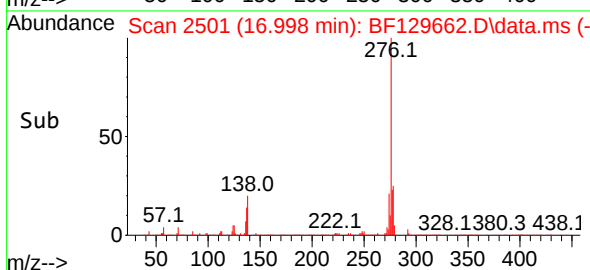
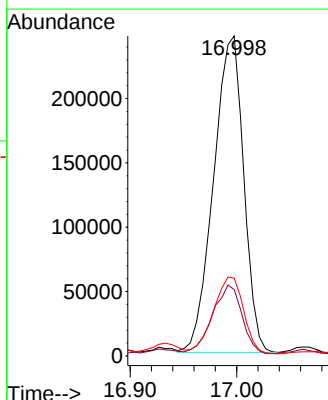
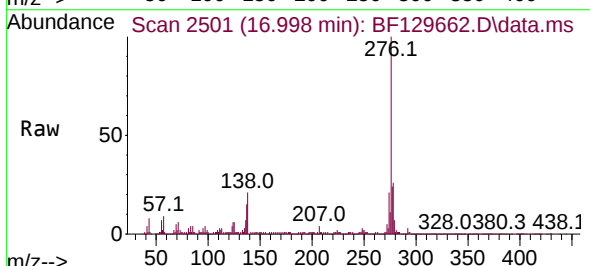
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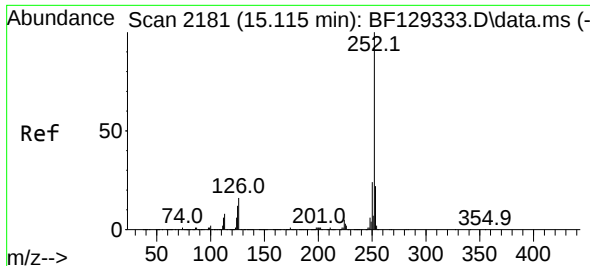
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#87
Indeno(1,2,3-cd)pyrene
Concen: 18.612 ng
RT: 16.998 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

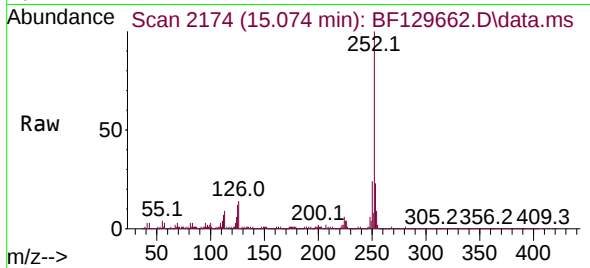
Tgt Ion:276 Resp: 484144
Ion Ratio Lower Upper
276 100
138 21.1 21.1 31.7#
277 24.5 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 42.716 ng m
RT: 15.074 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

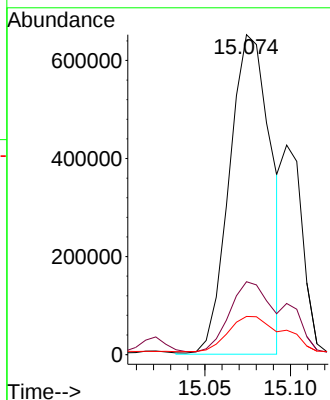
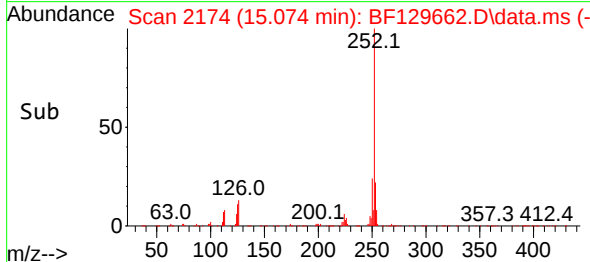
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:252 Resp: 1094515
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.9 8.0 12.0

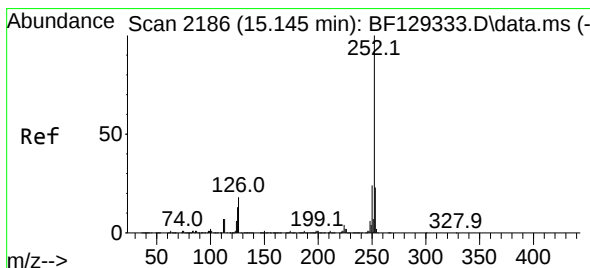
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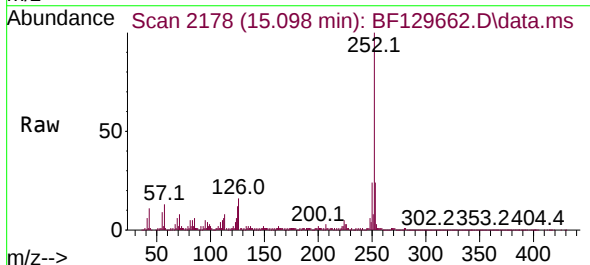


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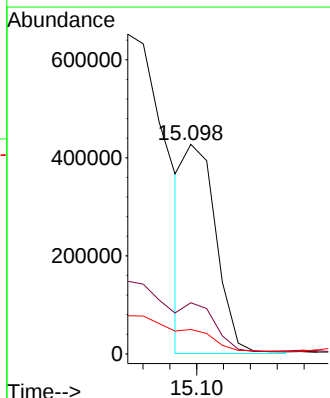
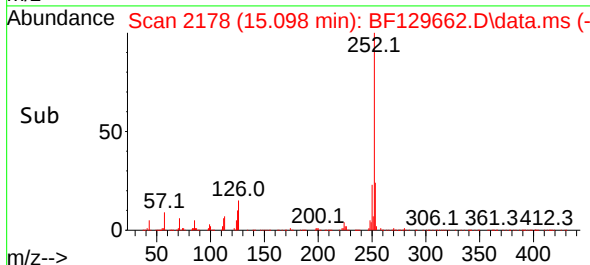
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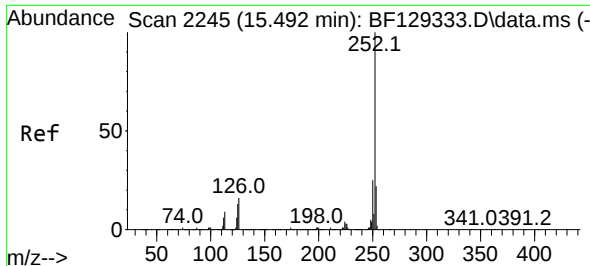


#89
Benzo(k)fluoranthene
Concen: 14.017 ng m
RT: 15.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31



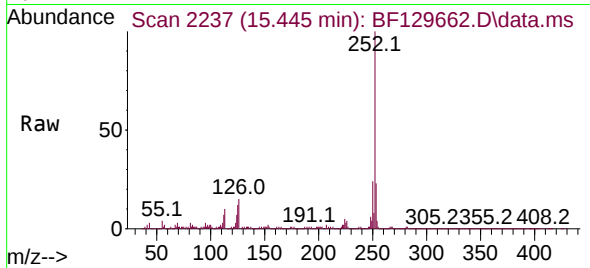
Tgt Ion:252 Resp: 351957
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 11.6 8.3 12.5





#90
Benzo(a)pyrene
Concen: 37.203 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31

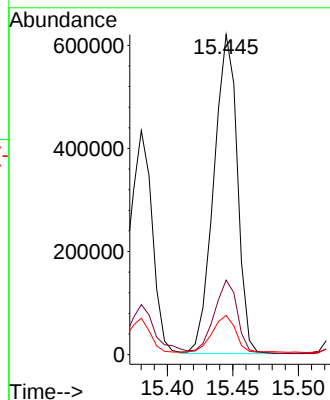
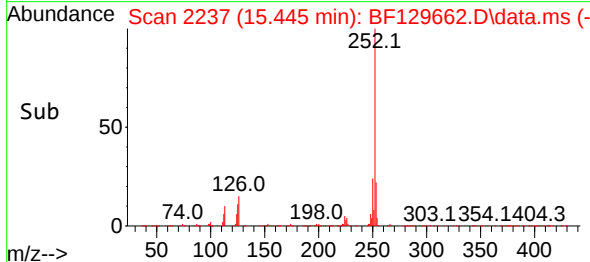
Instrument :
BNA_F
ClientSampleId :
TP2-1-6



Tgt Ion:252 Resp: 773832
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 12.3 8.8 13.2

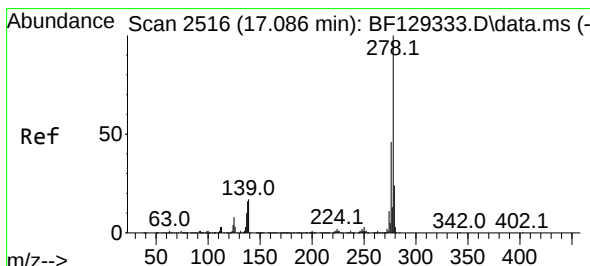
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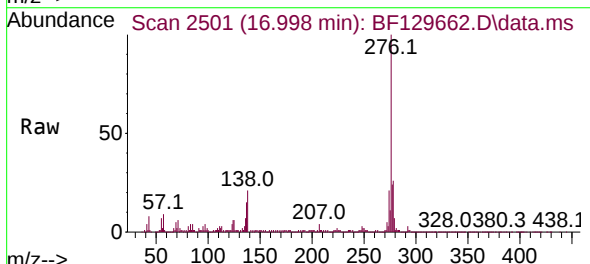


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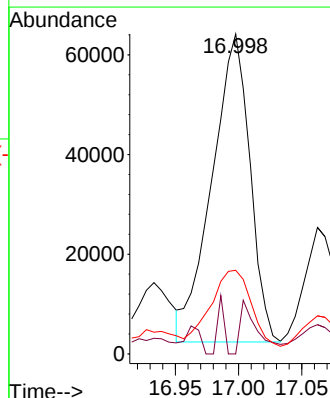
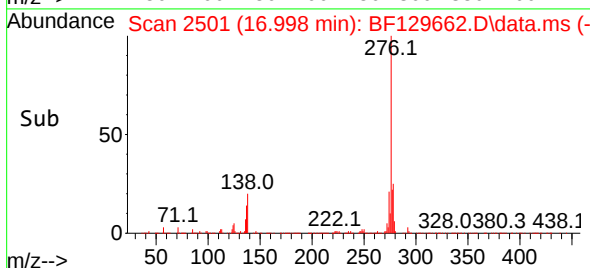
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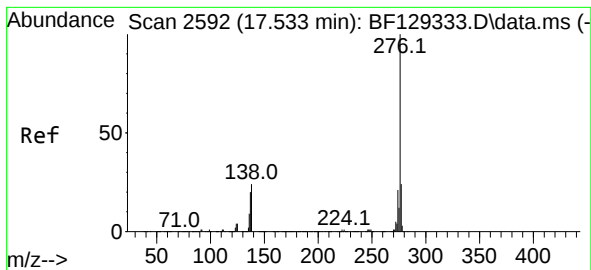


#91
Dibenzo(a,h)anthracene
Concen: 6.084 ng m
RT: 16.998 min Scan# 2501
Delta R.T. -0.012 min
Lab File: BF129662.D
Acq: 09 Aug 2022 12:31



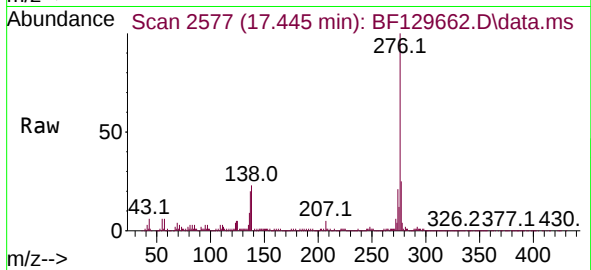
Tgt Ion:278 Resp: 128804
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 26.1 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 20.005 ng
 RT: 17.445 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BF129662.D
 Acq: 09 Aug 2022 12:31

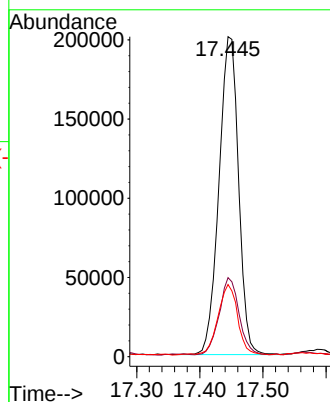
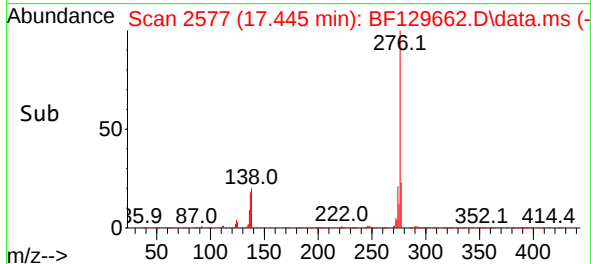
Instrument :
 BNA_F
 ClientSampleId :
 TP2-1-6



Tgt Ion: 276 Resp: 432786
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.1 28.7
 138 22.5 18.0 27.0

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