

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123679.D
 Acq On : 21 Apr 2021 21:45
 Operator : JU/CG
 Sample : M2090-08 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-2

Manual Integrations
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Quant Time: Apr 22 00:56:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	216985	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	796068	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	350579	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	561936	20.00	ng	0.00
76) Chrysene-d12	14.033	240	485772	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	414609	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	214572	15.98	ng	0.00
7) Phenol-d6	6.481	99	318806	17.14	ng	-0.01
23) Nitrobenzene-d5	7.410	82	218945	12.64	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	33790	8.51	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	309457	13.16	ng	0.00
79) Terphenyl-d14	12.975	244	243743	9.75	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.157	128	137483	3.35	ng	97
71) Phenanthrene	11.410	178	722459	24.63	ng	99
72) Anthracene	11.457	178	91800	3.13	ng	100
73) Carbazole	11.616	167	79885	2.73	ng	99
75) Fluoranthene	12.604	202	750238	23.28	ng	99
78) Pyrene	12.833	202	605909	17.09	ng	98
81) Benzo(a)anthracene	14.021	228	280641	9.43	ng	96
83) Chrysene	14.057	228	296561	9.92	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	99094	4.48	ng	97
88) Benzo(b)fluoranthene	15.086	252	335663m	11.47	ng	
89) Benzo(k)fluoranthene	15.110	252	96867m	2.18	ng	
90) Benzo(a)pyrene	15.457	252	191782	8.24	ng	# 94
92) Benzo(g,h,i)perylene	17.445	276	91382	5.72	ng	# 87

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

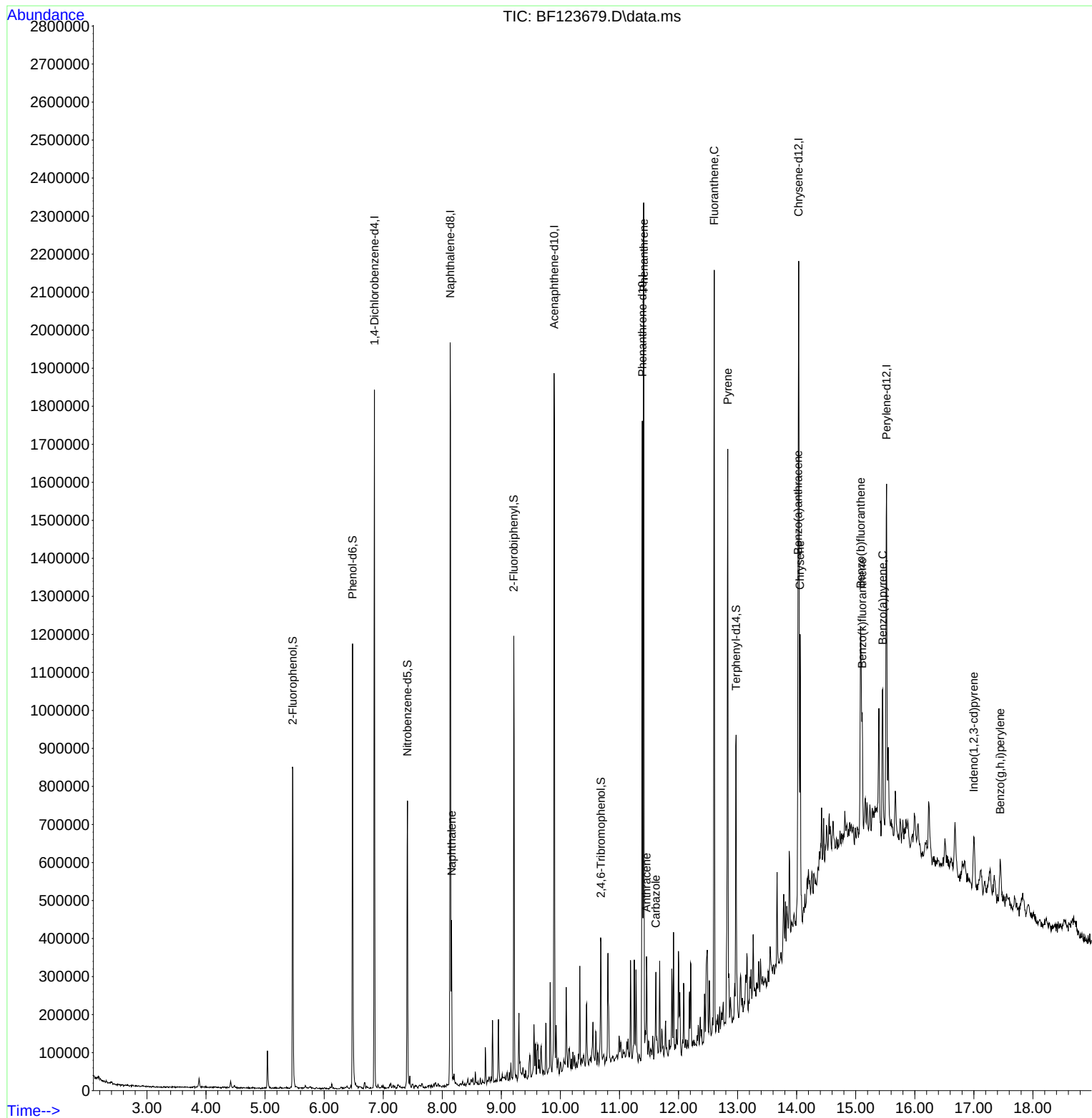
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
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ALS Vial : 21 Sample Multiplier: 1

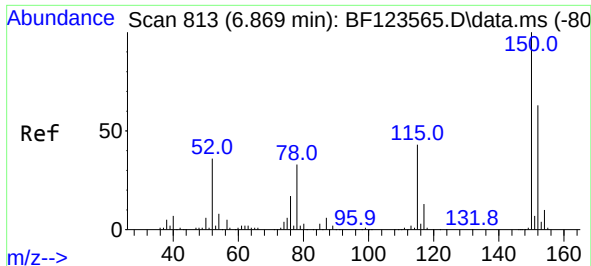
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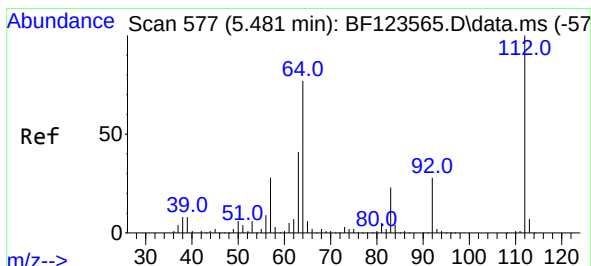
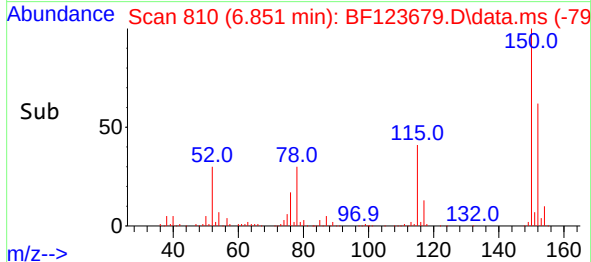
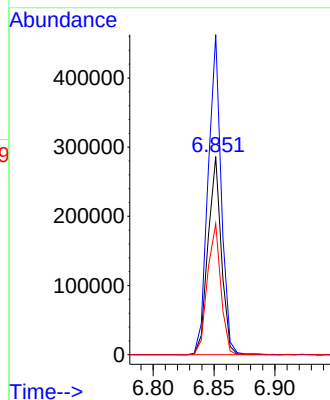
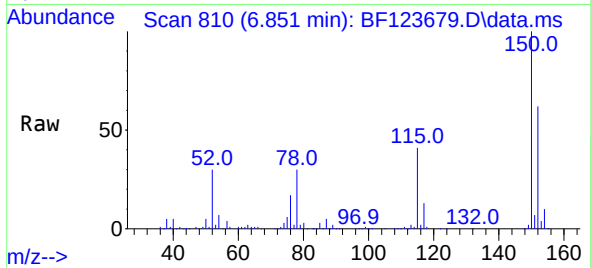
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:152 Resp: 216985
Ion Ratio Lower Upper
152 100
150 161.5 127.0 190.6
115 66.0 54.3 81.5

Instrument :
BNA_F
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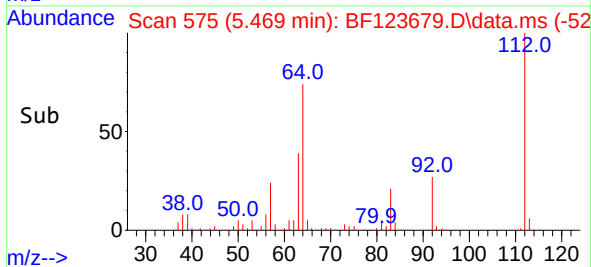
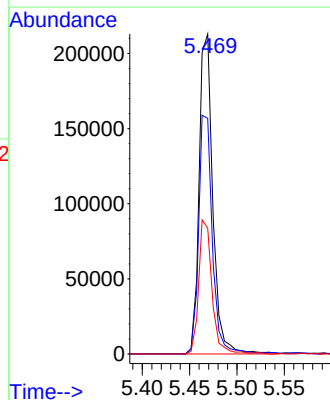
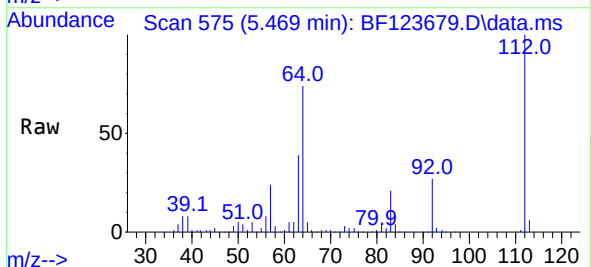
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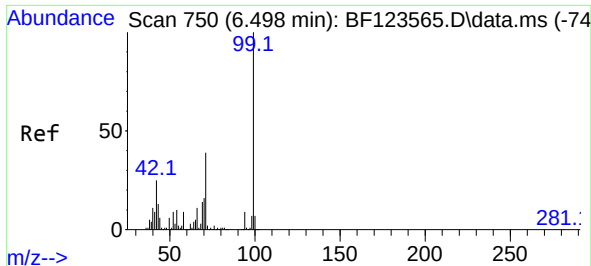
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#5
2-Fluorophenol
Concen: 15.98 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:112 Resp: 214572
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 39.3 33.0 49.4





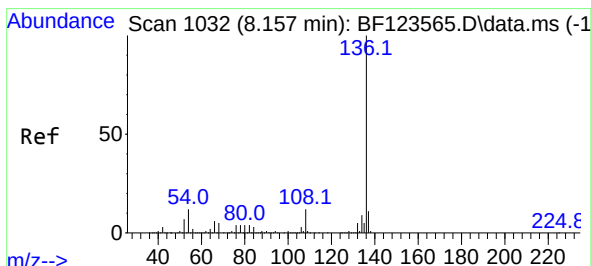
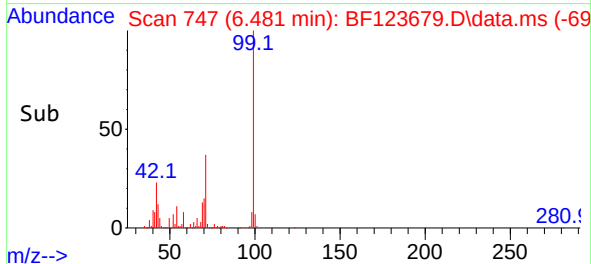
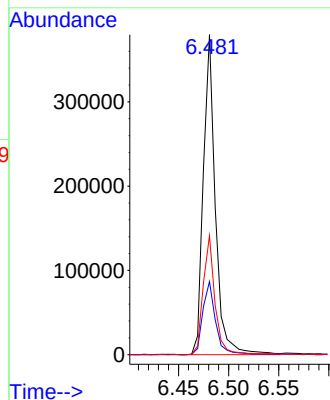
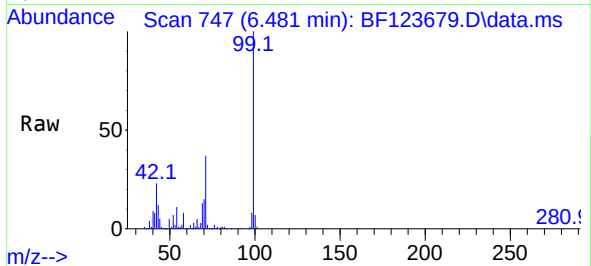
#7
Phenol-d6
Concen: 17.14 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion: 99 Resp: 318806
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.8
71 37.2 31.1 46.7

Instrument :
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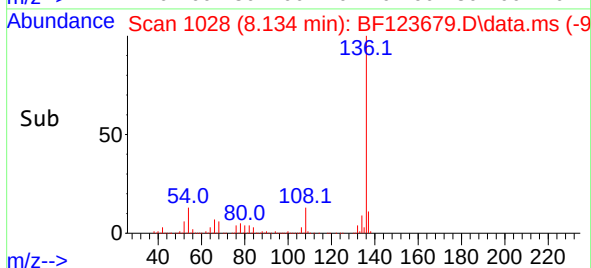
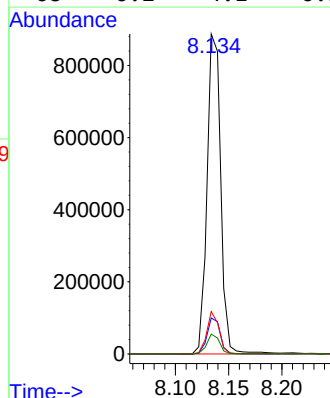
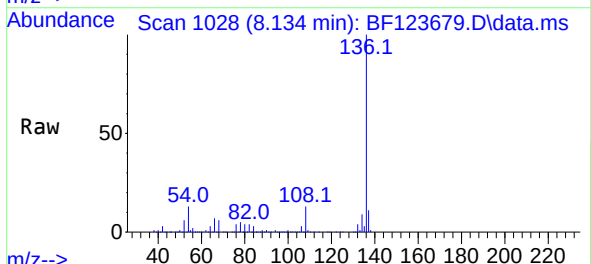
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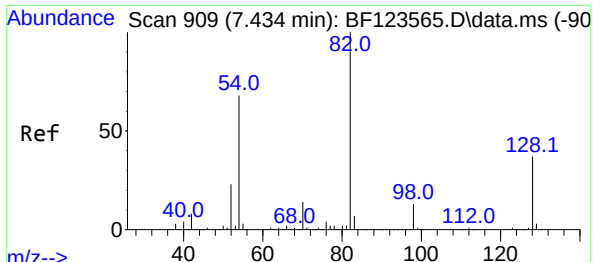
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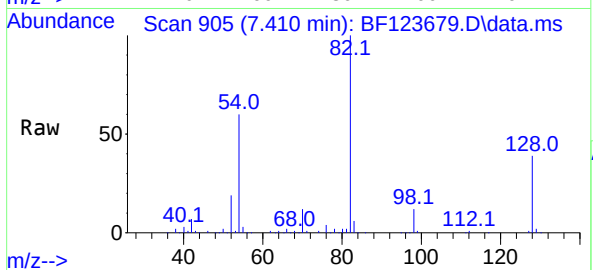
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion: 136 Resp: 796068
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 13.3 9.8 14.6
68 6.2 4.1 6.1

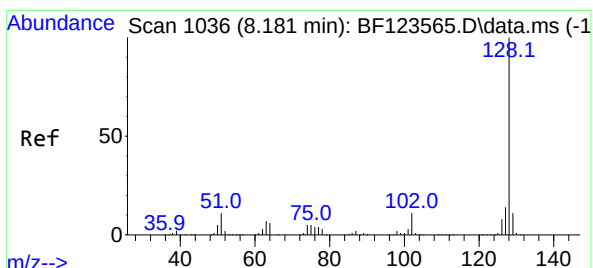
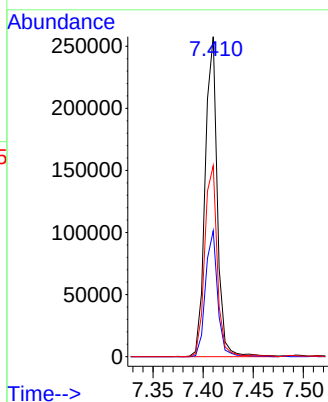
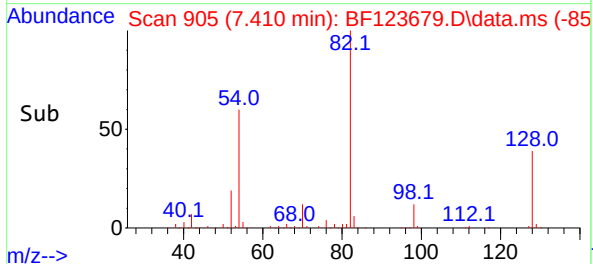




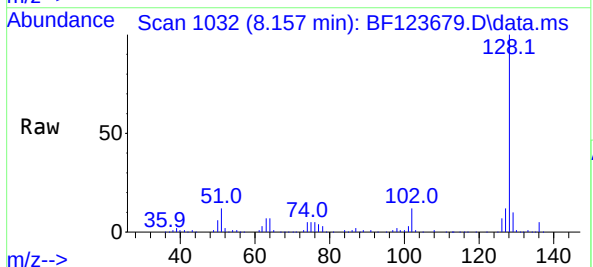
#23
Nitrobenzene-d5
Concen: 12.64 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45



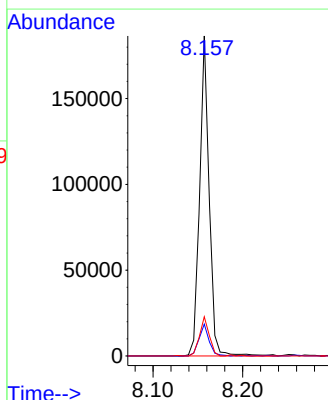
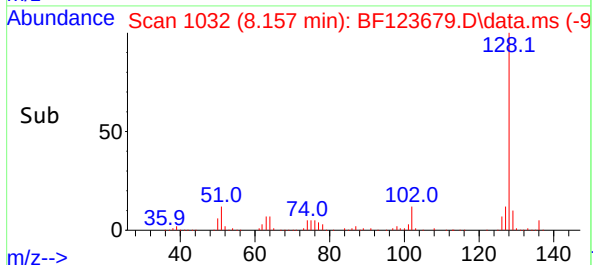
Tgt Ion: 82 Resp: 218945
Ion Ratio Lower Upper
82 100
128 39.4 29.4 44.2
54 59.7 54.1 81.1



#31
Naphthalene
Concen: 3.35 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45



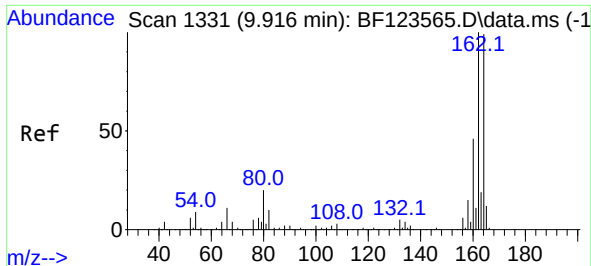
Tgt Ion: 128 Resp: 137483
Ion Ratio Lower Upper
128 100
129 9.9 8.9 13.3
127 12.3 10.8 16.2



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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF123679.D

Acq: 21 Apr 2021 21:45

Tgt Ion:164 Resp: 350579

Ion Ratio Lower Upper

164 100

162 100.3 80.7 121.1

160 45.6 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

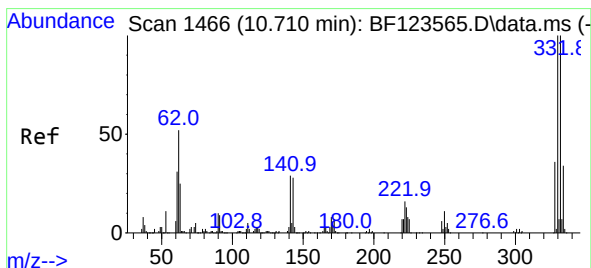
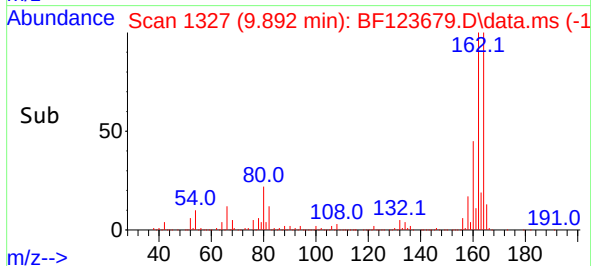
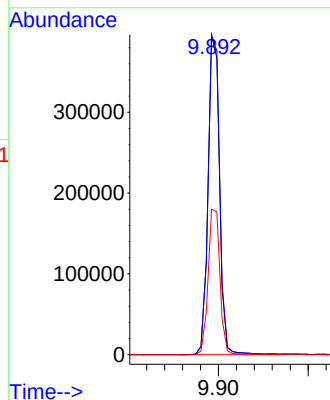
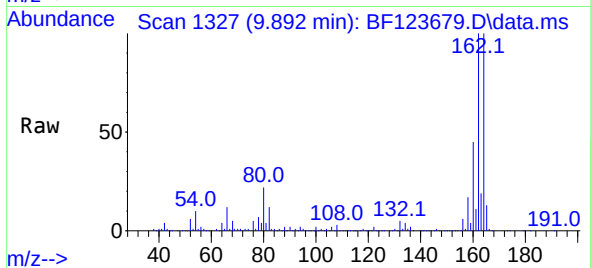
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#42

2,4,6-Tribromophenol

Concen: 8.51 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF123679.D

Acq: 21 Apr 2021 21:45

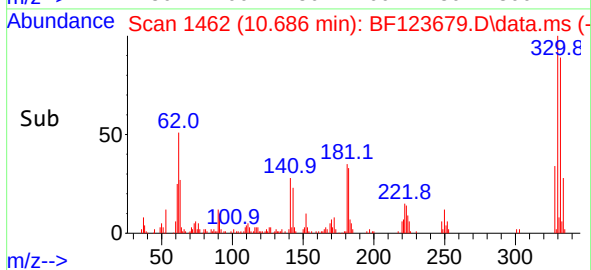
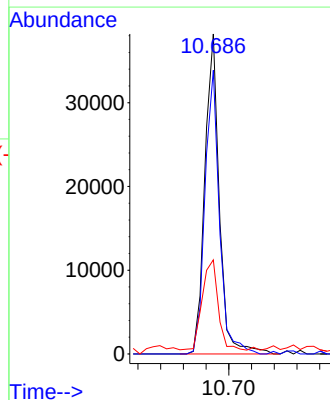
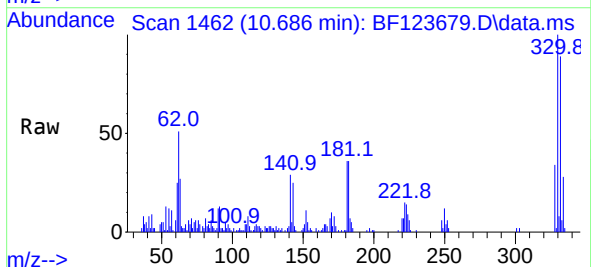
Tgt Ion:330 Resp: 33790

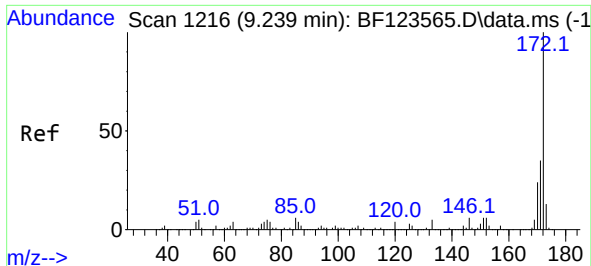
Ion Ratio Lower Upper

330 100

332 88.5 77.1 115.7

141 31.2 27.9 41.9





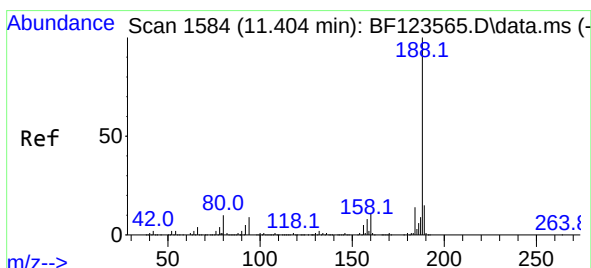
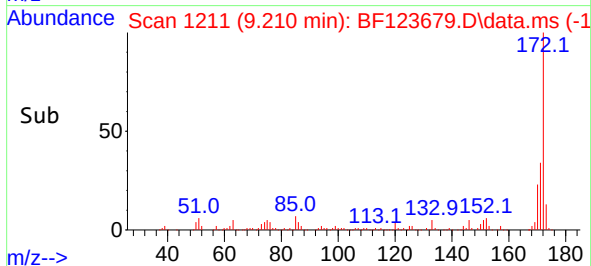
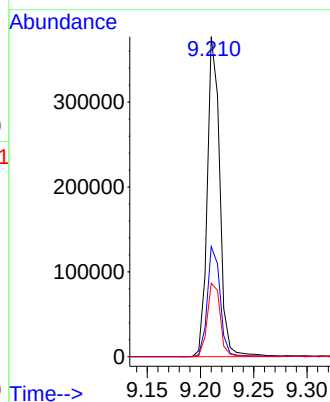
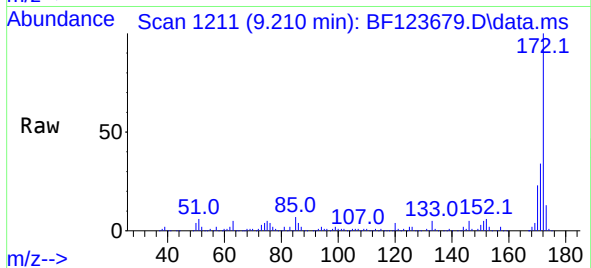
#45
2-Fluorobiphenyl
Concen: 13.16 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:	172	Resp:	309457
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.1	42.1
170	23.0	19.2	28.8

Instrument :
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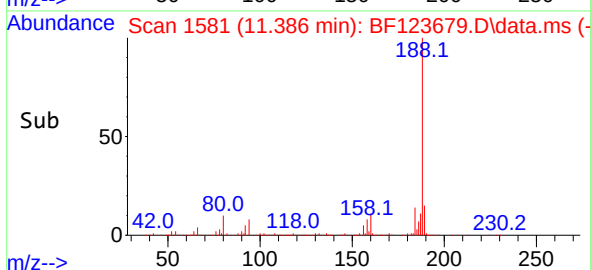
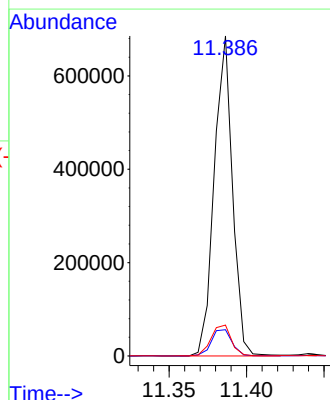
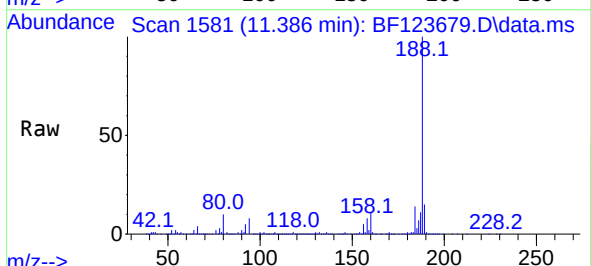
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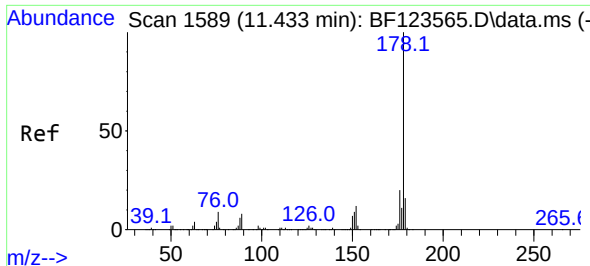
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

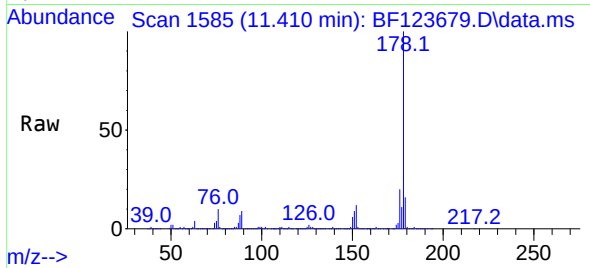
Tgt Ion:	188	Resp:	561936
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.9	10.3
80	9.6	8.2	12.2





#71
Phenanthrene
Concen: 24.63 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

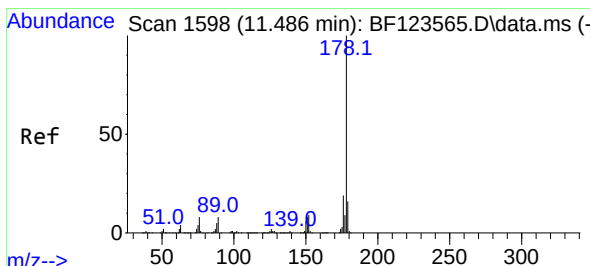
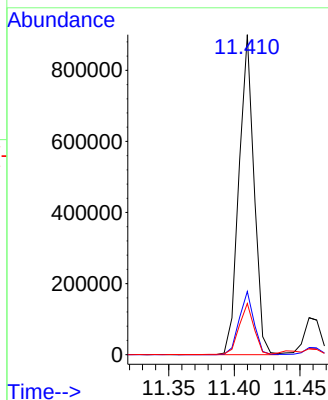
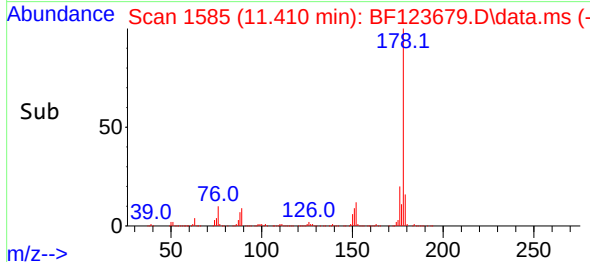
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ClientSampleId :
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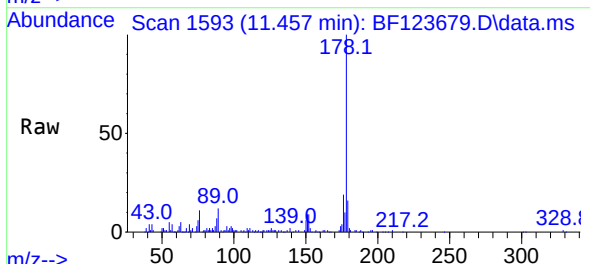
Tgt Ion:178 Resp: 722459
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.5 18.7

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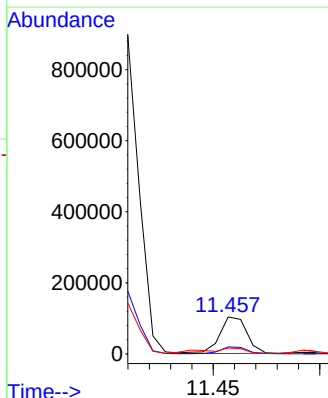
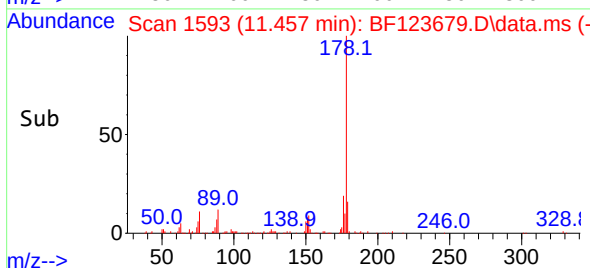
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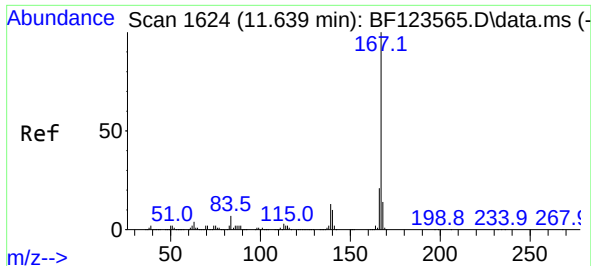


#72
Anthracene
Concen: 3.13 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45



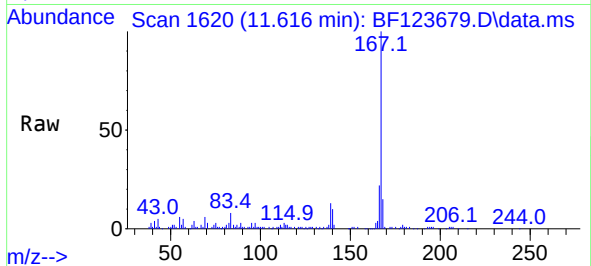
Tgt Ion:178 Resp: 91800
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.1 12.6 18.8





#73
 Carbazole
 Concen: 2.73 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BF123679.D
 Acq: 21 Apr 2021 21:45

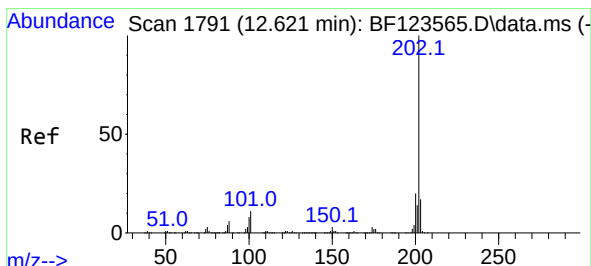
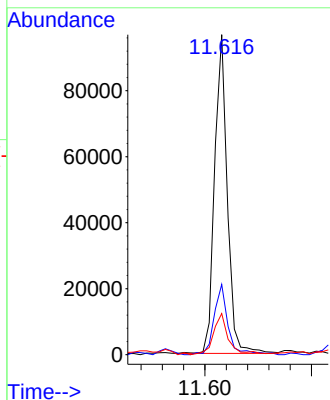
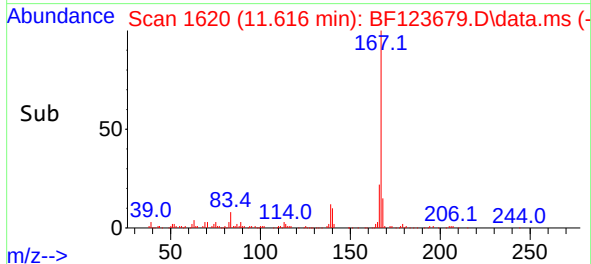
Instrument :
 BNA_F
 ClientSampleId :
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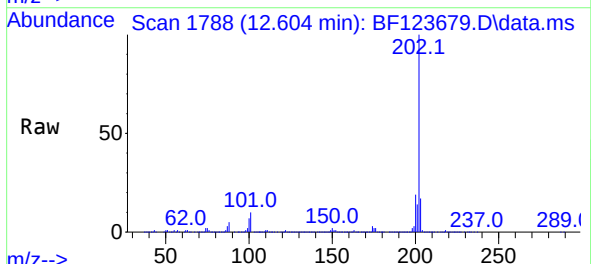
Tgt Ion:	167	Resp:	79885
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	12.9	10.4	15.6

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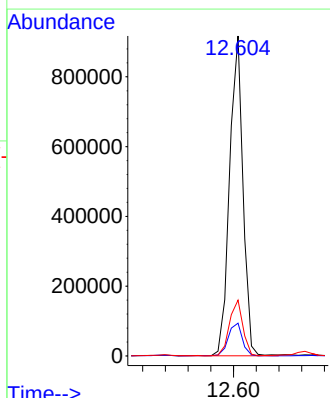
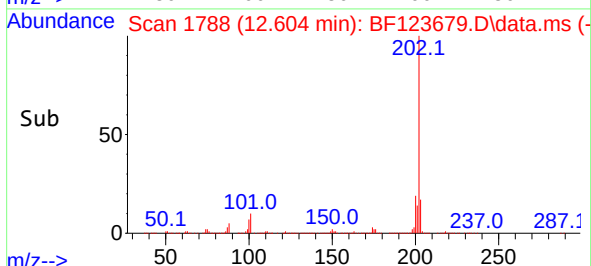
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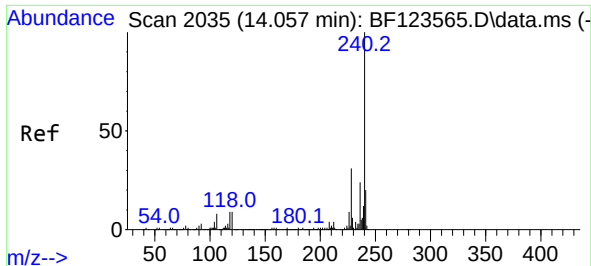


#75
 Fluoranthene
 Concen: 23.28 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BF123679.D
 Acq: 21 Apr 2021 21:45



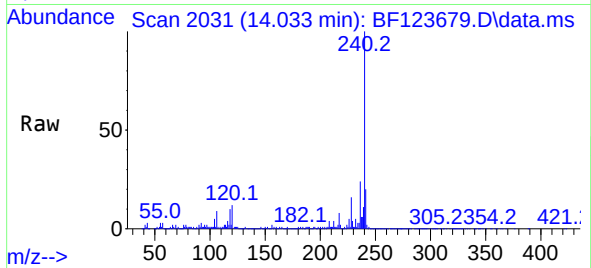
Tgt Ion:	202	Resp:	750238
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.9
203	17.5	0.0	37.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

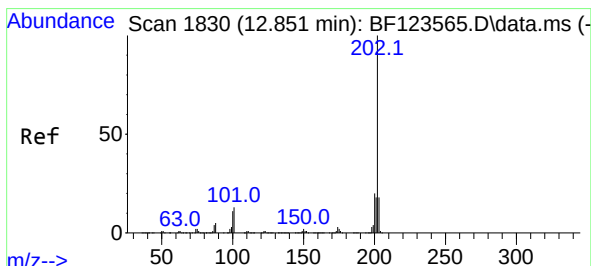
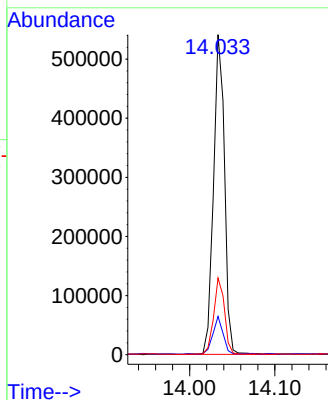
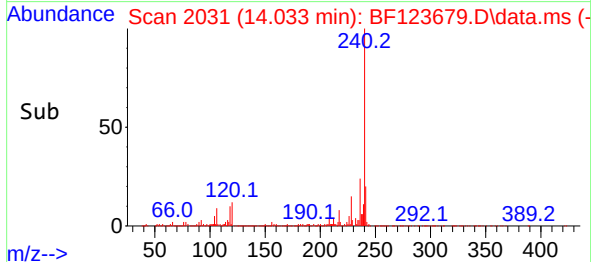
Instrument :
BNA_F
ClientSampleId :
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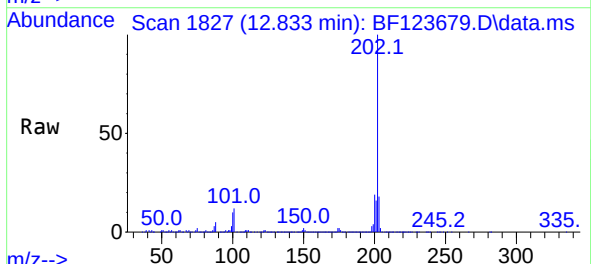
Tgt Ion:240 Resp: 485772
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 24.0 19.0 28.4

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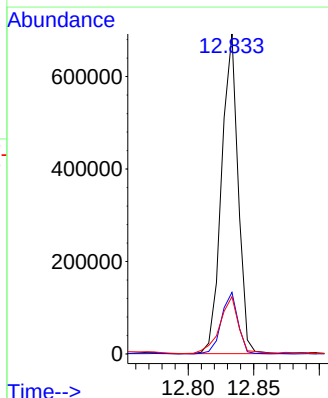
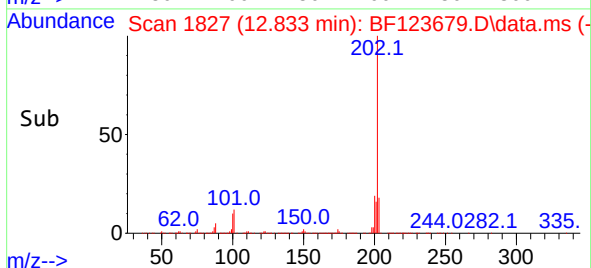
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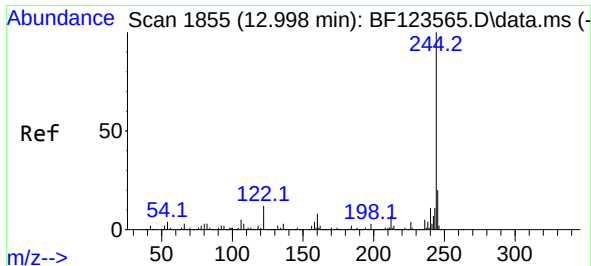


#78
Pyrene
Concen: 17.09 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

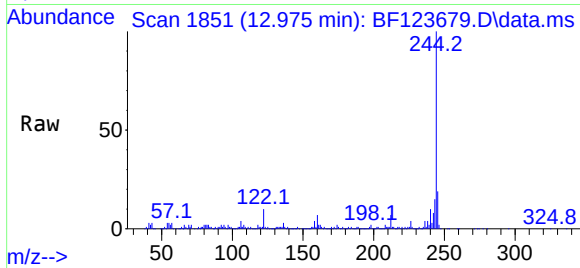


Tgt Ion:202 Resp: 605909
Ion Ratio Lower Upper
202 100
200 19.3 16.1 24.1
203 17.9 14.8 22.2

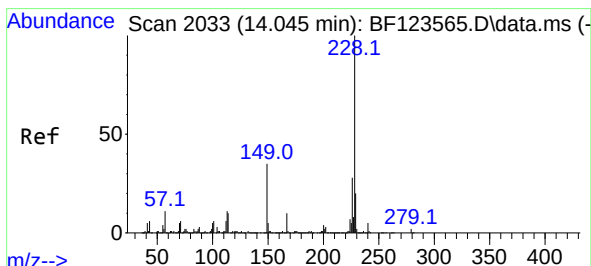
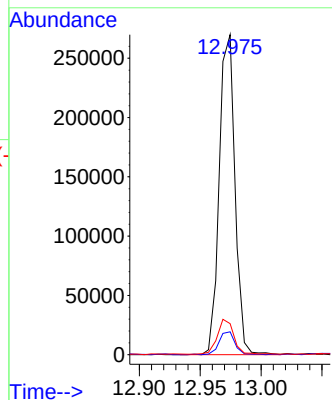
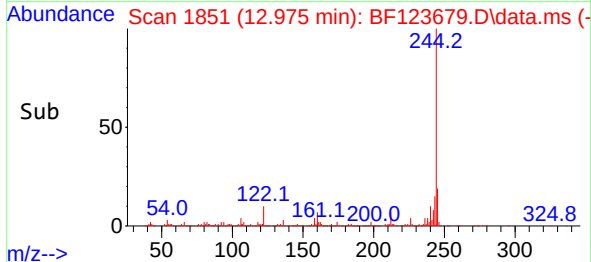




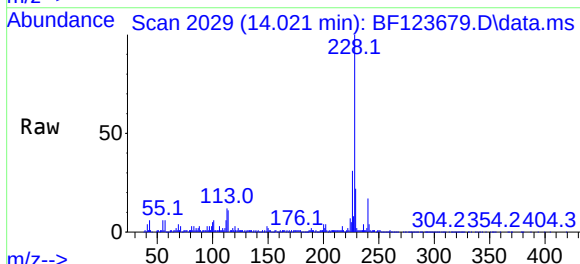
#79
Terphenyl-d14
Concen: 9.75 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45



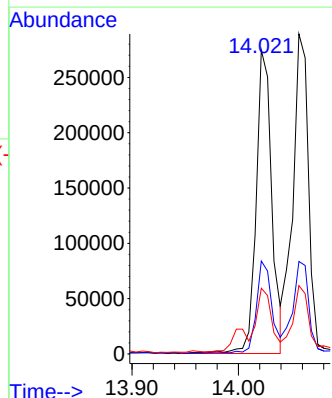
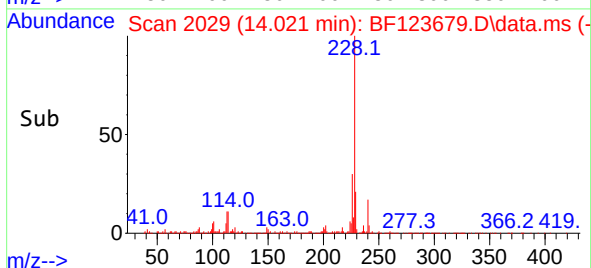
Tgt Ion:244 Resp: 243743
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.7 9.7 14.5



#81
Benzo(a)anthracene
Concen: 9.43 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45



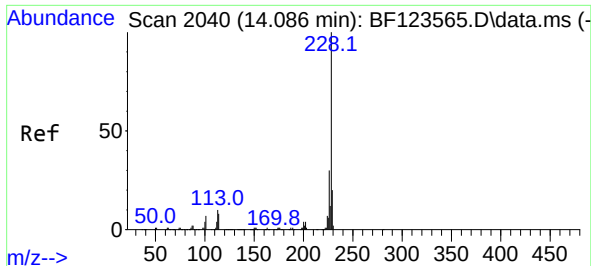
Tgt Ion:228 Resp: 280641
Ion Ratio Lower Upper
228 100
226 30.6 22.4 33.6
229 21.6 16.0 24.0



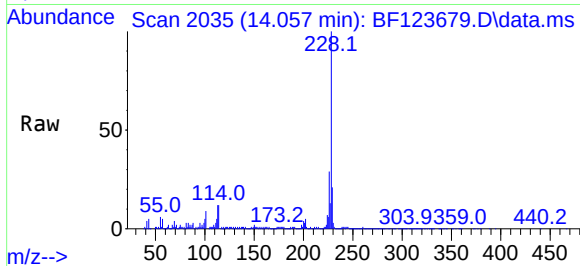
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

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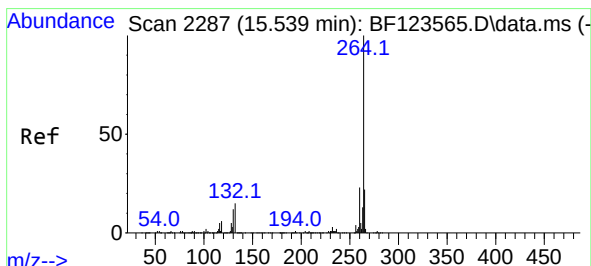
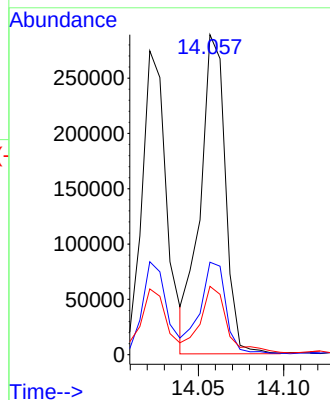
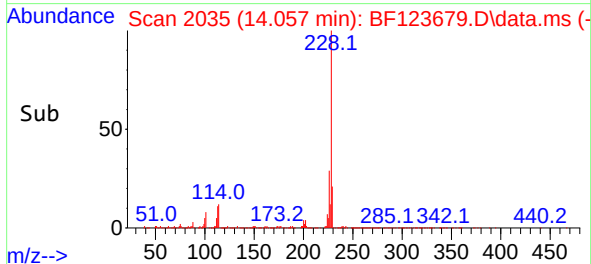
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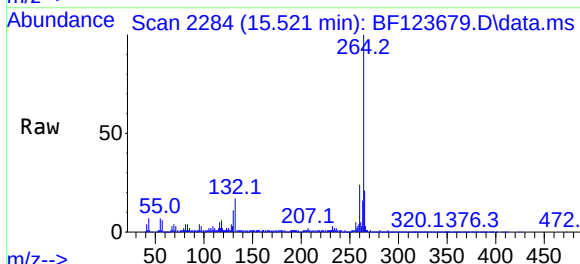
#83
Chrysene
Concen: 9.92 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45



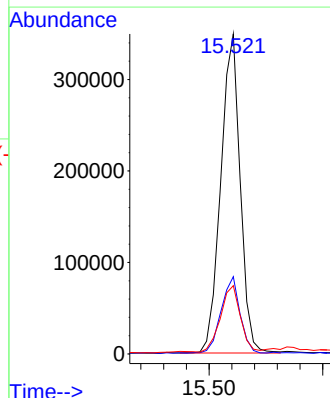
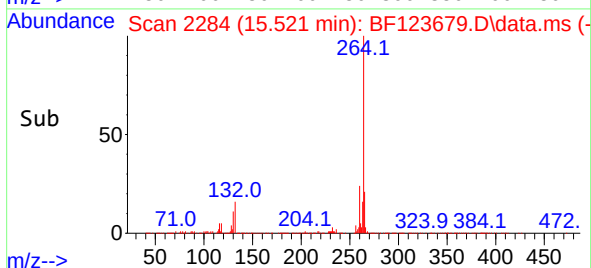
Tgt Ion:228 Resp: 296561
Ion Ratio Lower Upper
228 100
226 28.9 24.3 36.5
229 21.4 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.018 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45



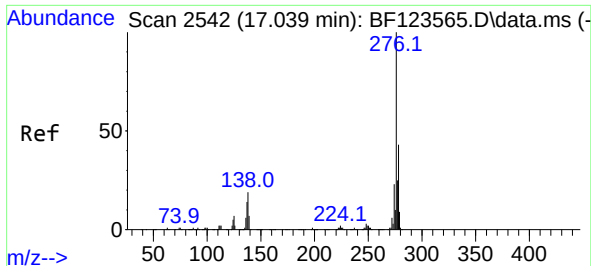
Tgt Ion:264 Resp: 414609
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.4 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
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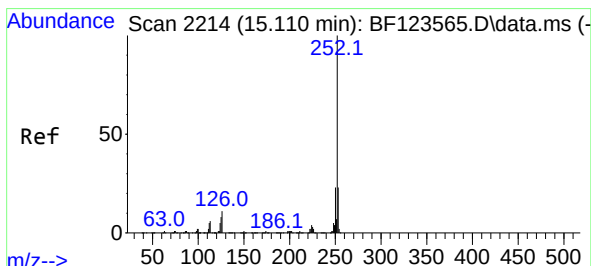
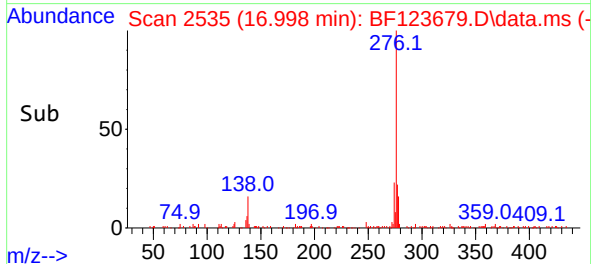
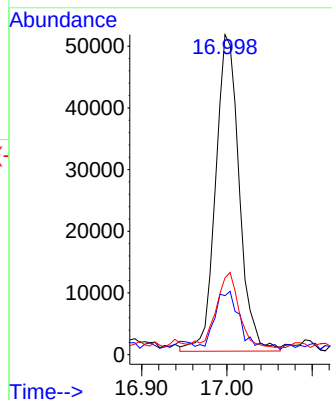
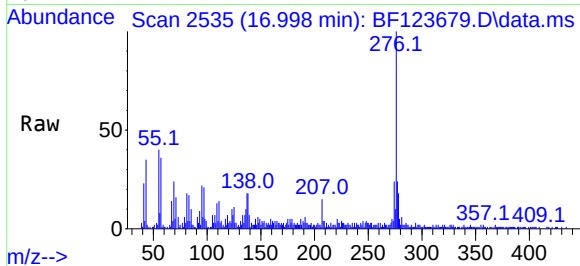
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.48 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:	276	Resp:	99094
Ion Ratio	Lower	Upper	
276	100		
138	19.8	16.2	24.2
277	22.8	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

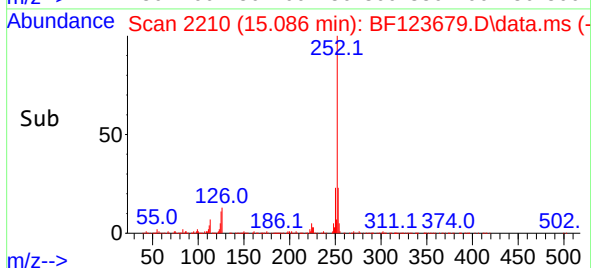
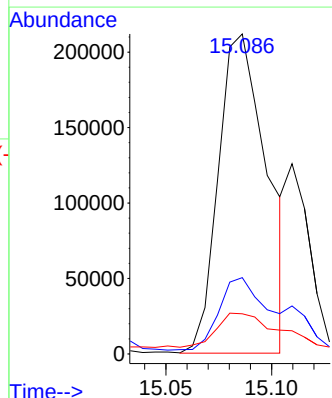
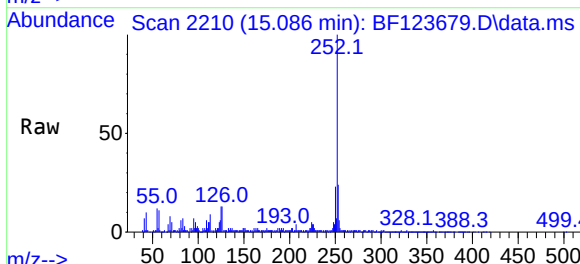
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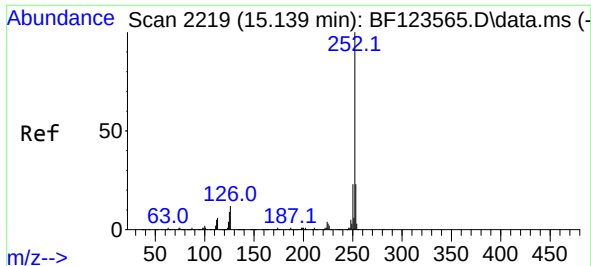
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#88
Benzo(b)fluoranthene
Concen: 11.47 ng m
RT: 15.086 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:	252	Resp:	335663
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.1	27.1
125	12.5	6.2	9.4#





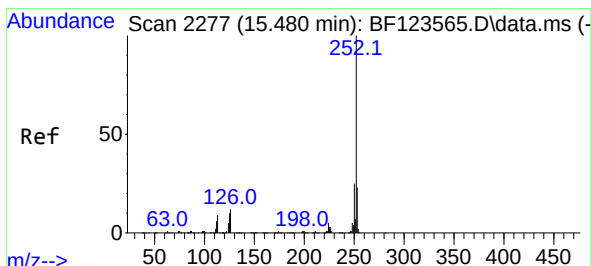
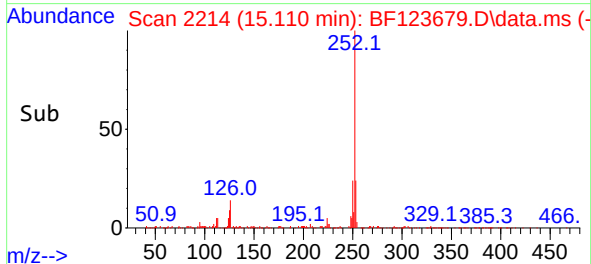
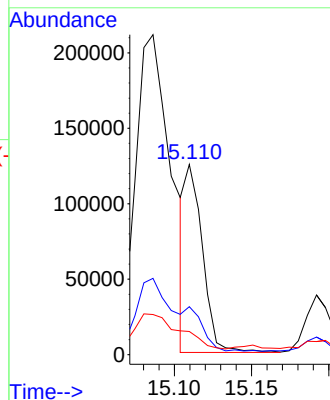
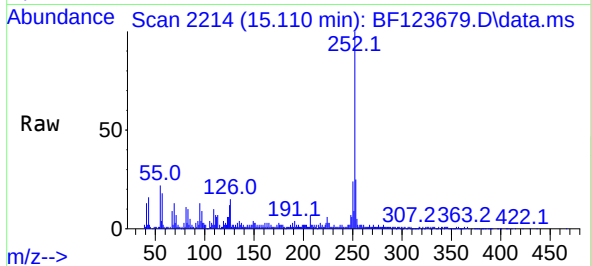
#89
Benzo(k)fluoranthene
Concen: 2.18 ng m
RT: 15.110 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:252 Resp: 96867
Ion Ratio Lower Upper
252 100
253 25.2 17.9 26.9
125 12.2 7.0 10.6#

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

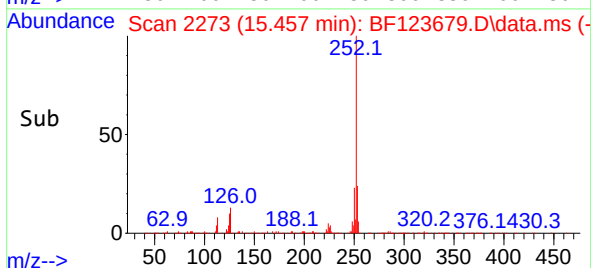
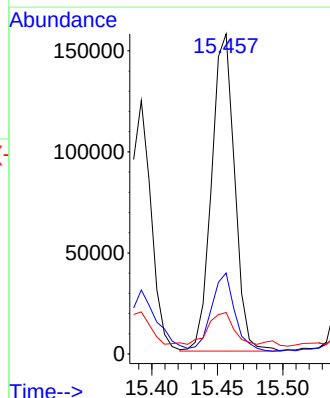
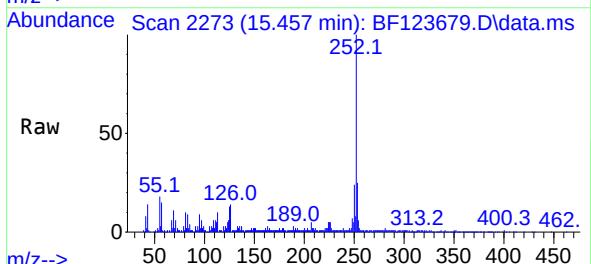
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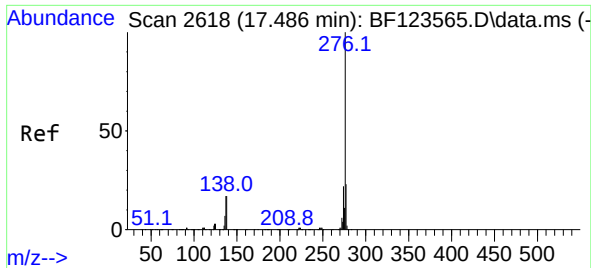
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#90
Benzo(a)pyrene
Concen: 8.24 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

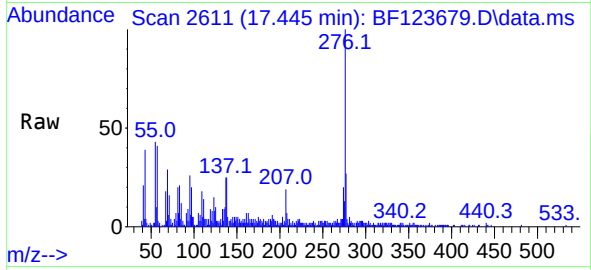
Tgt Ion:252 Resp: 191782
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 13.0 8.0 12.0#





#92
Benzo(g,h,i)perylene
Concen: 5.72 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2



Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.2	27.2#
138	25.0	13.8	20.6#

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