

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031544.D
 Acq On : 14 Dec 2017 1:22
 Operator : SJ/JU
 Sample : I6885-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-003

Manual Integrations
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 12/15/2017 7:48:07 PM

Quant Time: Dec 14 03:59:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	45334	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	195268	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	133501	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	415992	20.00	ng	0.00
75) Chrysene-d12	21.75	240	502191	20.00	ng	0.00
86) Perylene-d12	25.03	264	458602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	373853	146.17	ng	0.00
7) Phenol-d6	7.28	99	462893	130.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	291942	92.15	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	285373	182.46	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	879422	96.69	ng	0.00
78) Terphenyl-d14	20.07	244	2103647	95.31	ng	0.00
Target Compounds						
76) Benzidine	19.70	184	56793m	4.860	ng	Qvalue

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

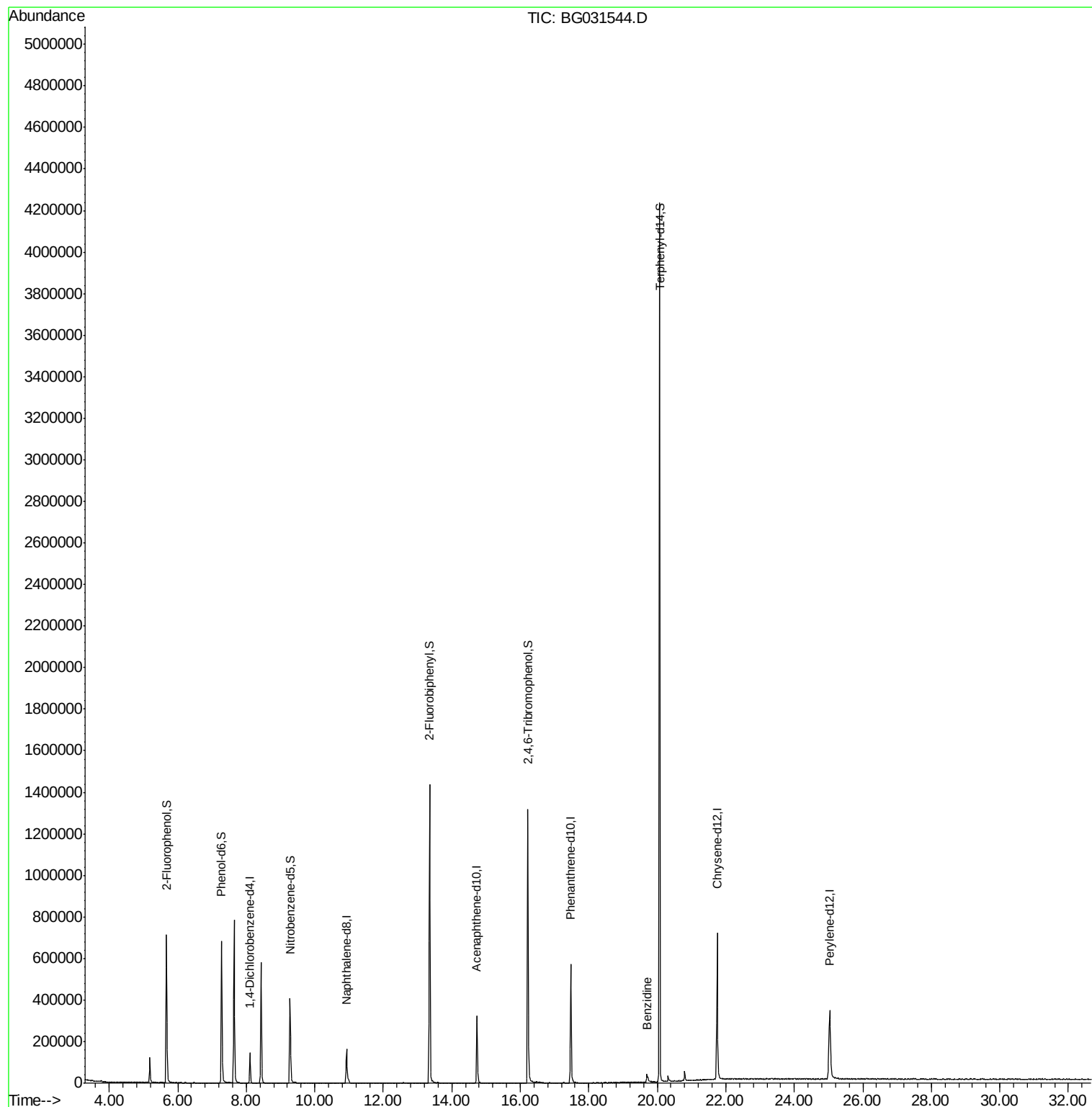
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031544.D
Acq On : 14 Dec 2017 1:22
Operator : SJ/JU
Sample : I6885-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

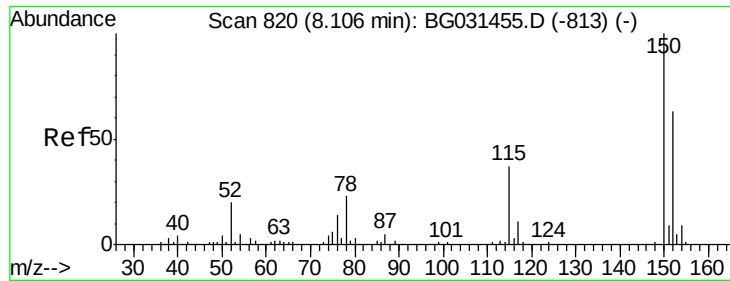
Instrument :
BNA_G
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#1

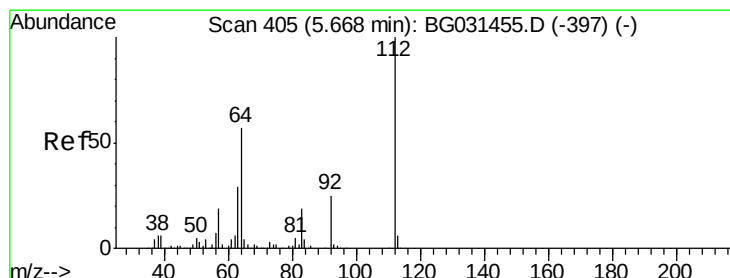
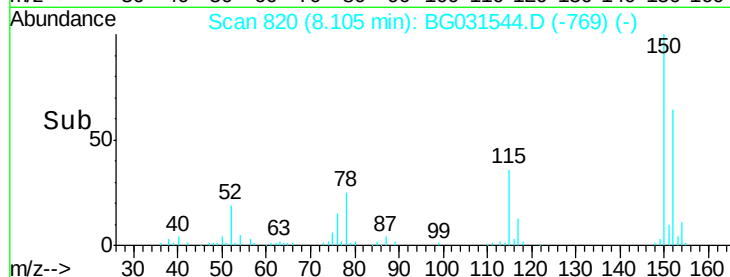
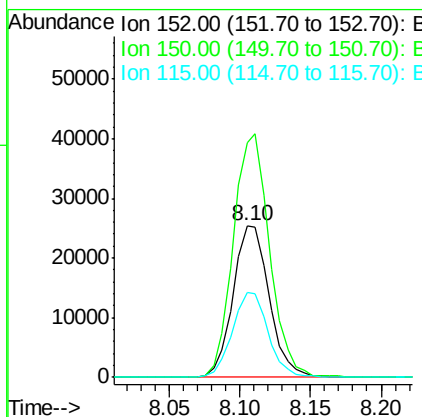
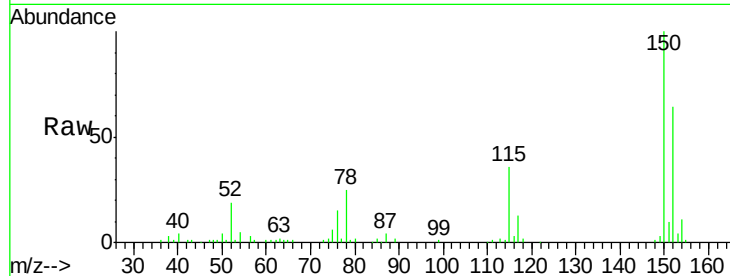
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Instrument :
BNA_G
ClientSampleId :
WC-003

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	55.7	53.0	79.4

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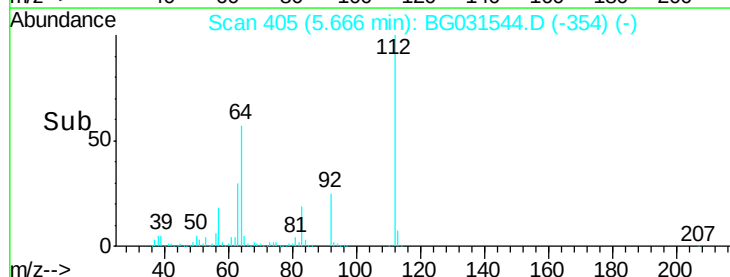
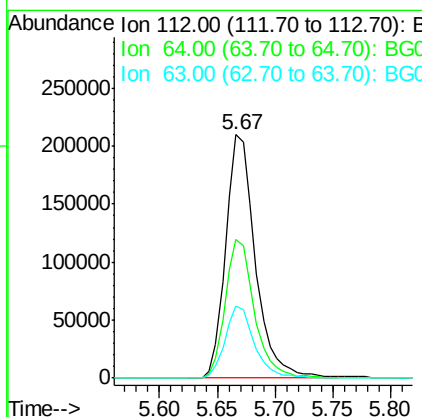
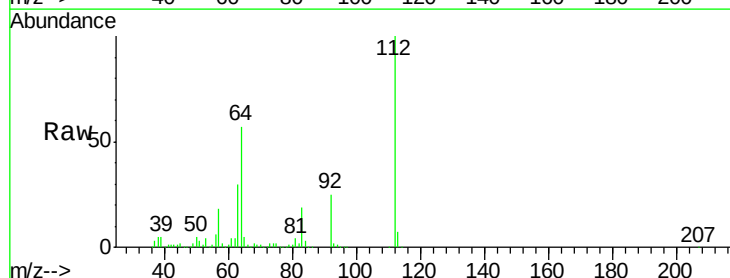
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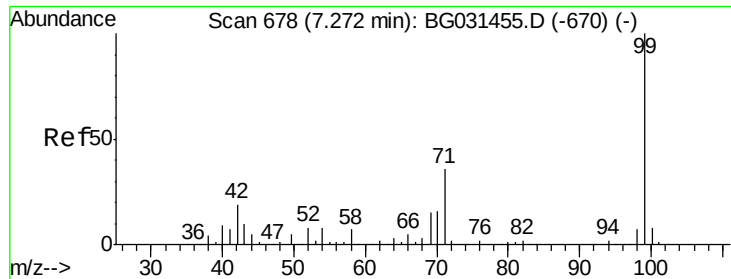


#5

2-Fluorophenol
Concen: 146.173 ng
RT: 5.67 min Scan# 405
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	56.3	84.5
63	29.7	30.1	45.1#





#7

Phenol-d6

Concen: 130.372 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Instrument :

BNA_G

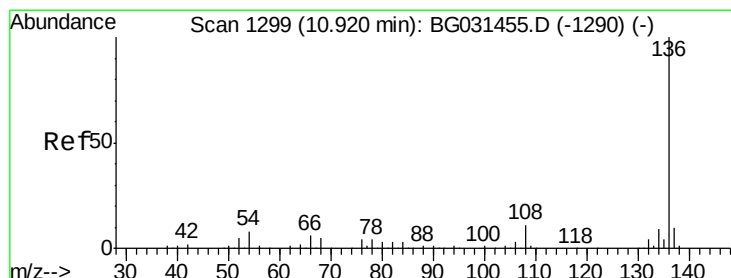
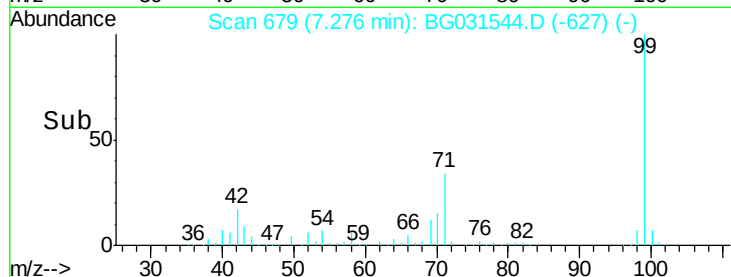
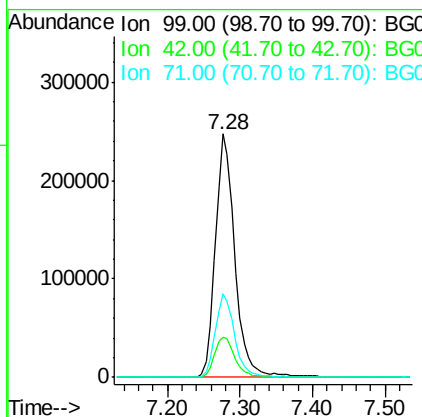
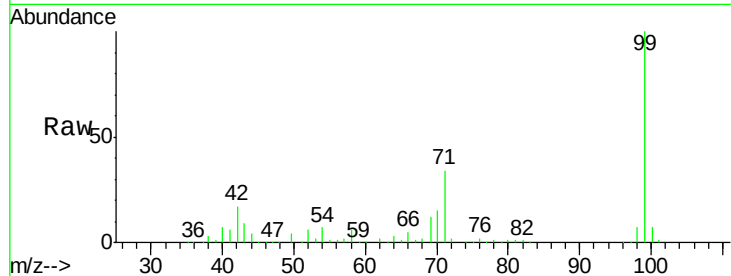
ClientSampled :

WC-003

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		462893		
42	16.5	14.1	21.1		
71	34.2	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

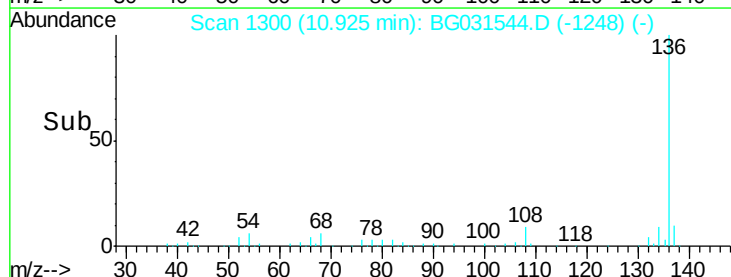
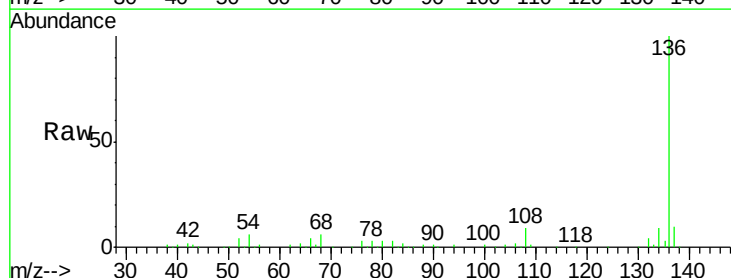
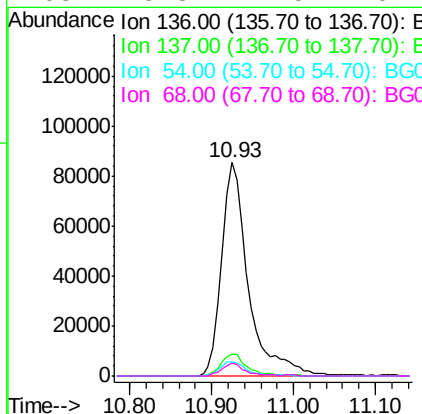
RT: 10.93 min Scan# 1300

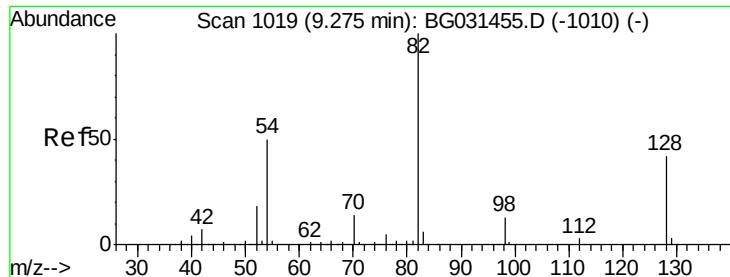
Delta R.T. 0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		195268		
137	10.1	9.2	13.8		
54	6.5	10.3	15.5		
68	5.8	4.5	6.7		





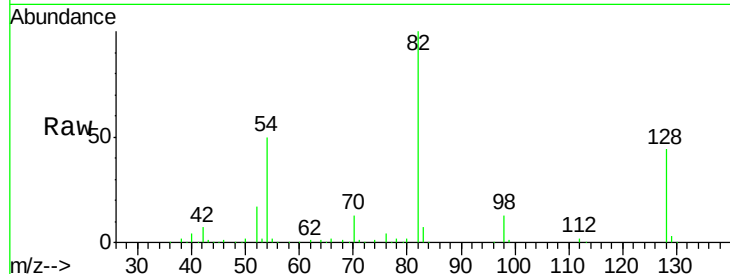
#23
Nitrobenzene-d5
Concen: 92.152 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Instrument :
BNA_G
ClientSampled :
WC-003

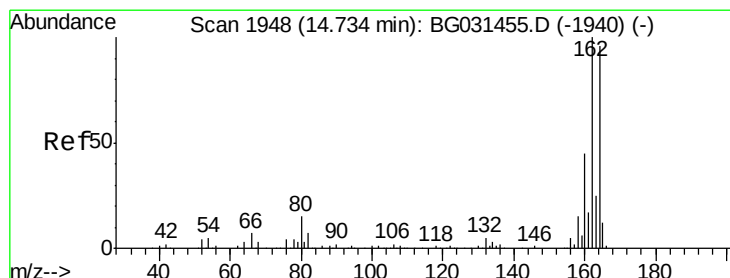
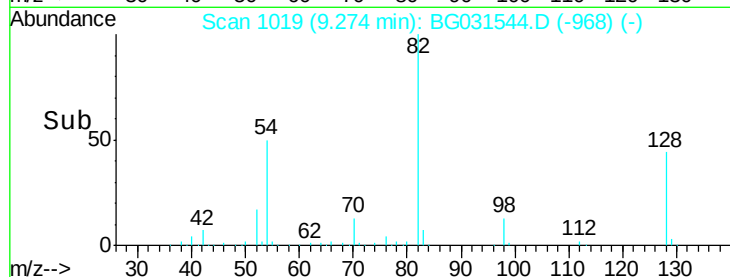
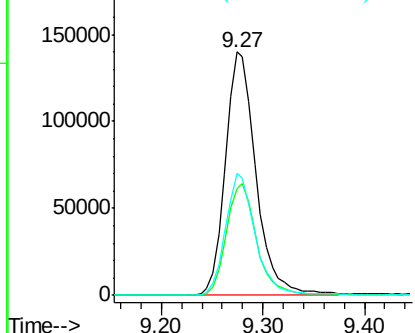
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	49.9	43.1	64.7

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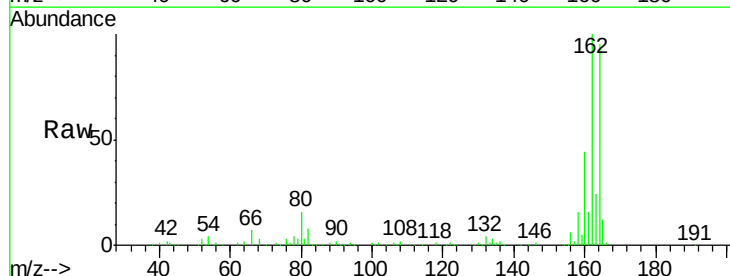


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

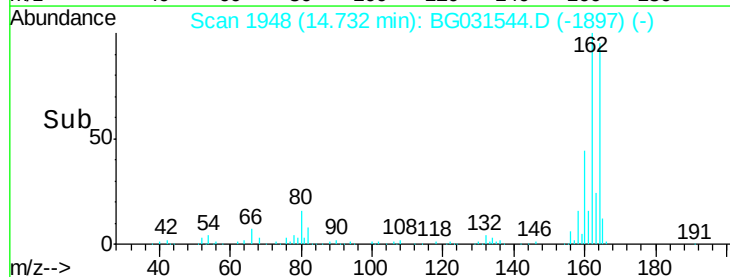
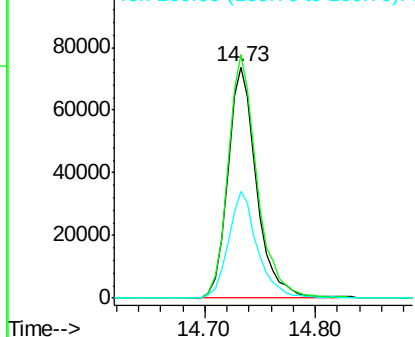


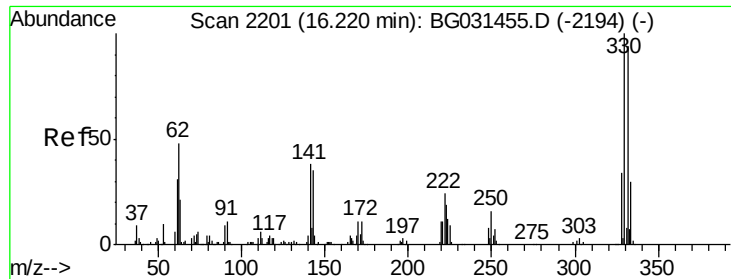
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	46.3	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





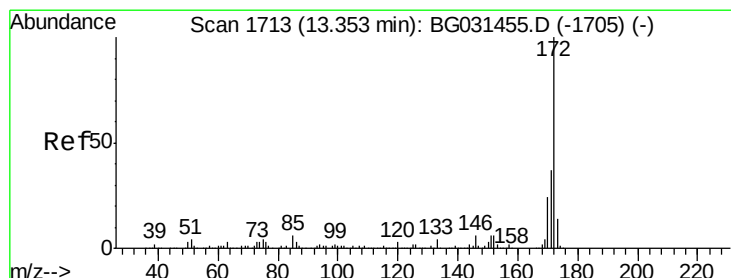
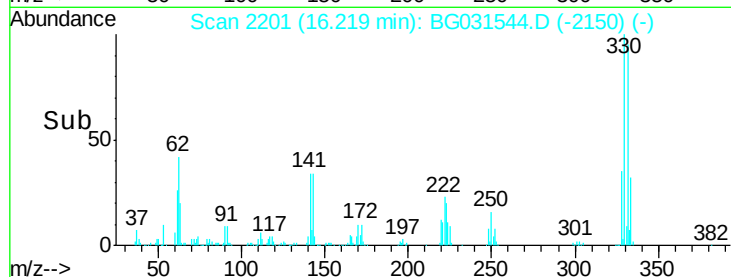
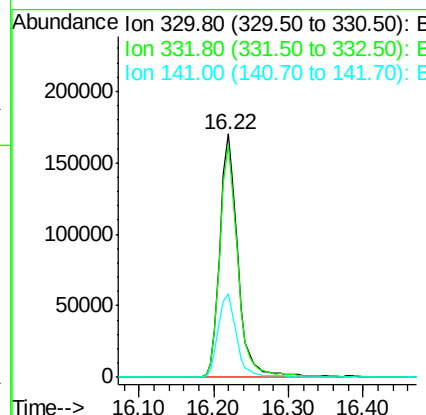
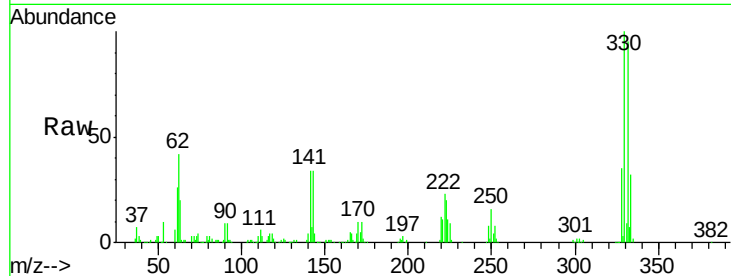
#41
 2,4,6-Tribromophenol
 Concen: 182.461 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031544.D
 Acq: 14 Dec 2017 1:22

Instrument :
 BNA_G
 ClientSampled :
 WC-003

Tot Ion	Ratio	Resp	Lower	Upper
330	100	285373		
332	95.5	77.0	115.6	
141	35.0	25.2	37.8	

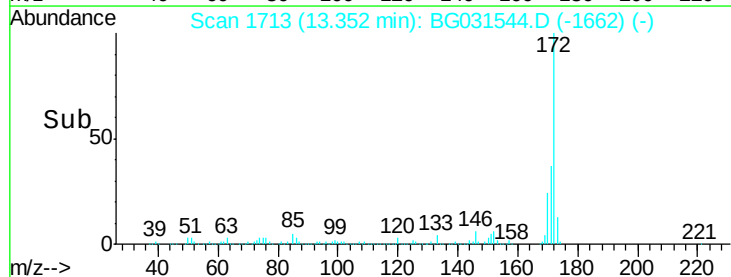
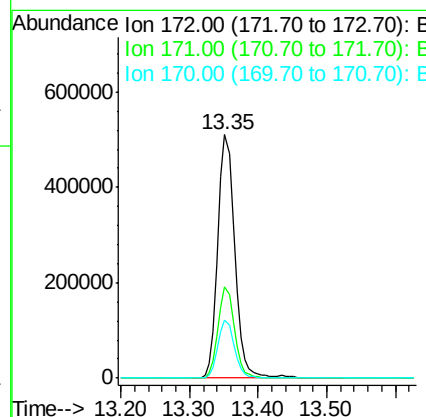
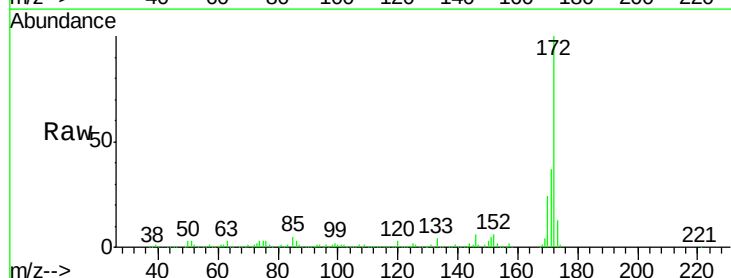
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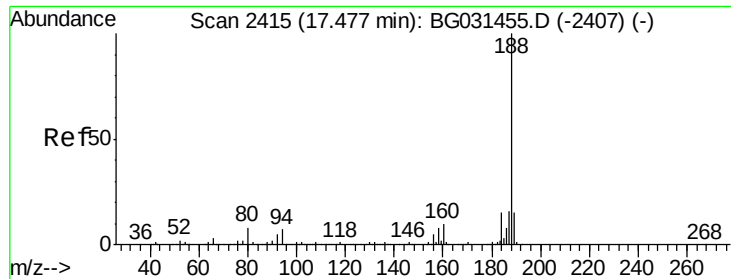
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#44
 2-Fluorobiphenyl
 Concen: 96.694 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031544.D
 Acq: 14 Dec 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	879422		
171	37.4	30.0	45.0	
170	24.0	19.5	29.3	





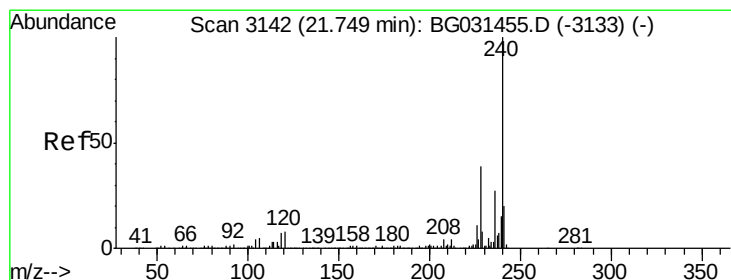
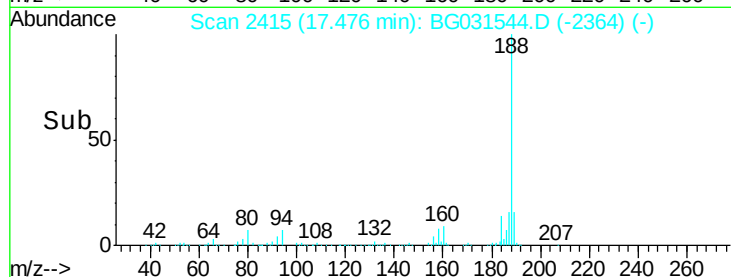
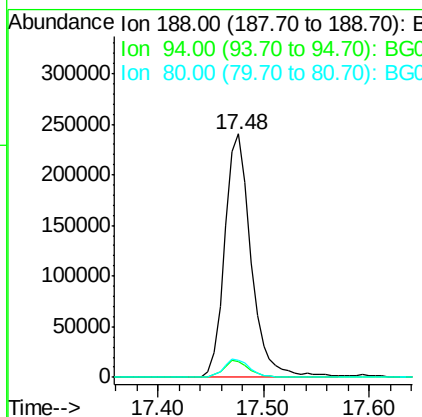
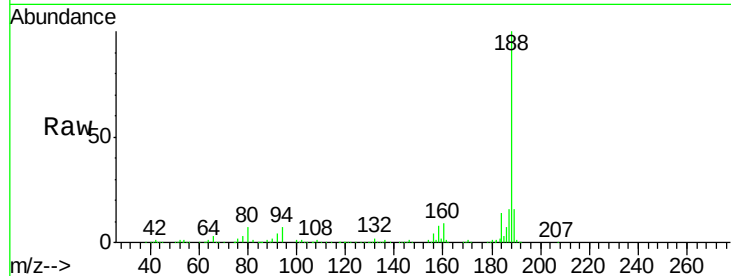
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	415992		
94	6.7		6.9	10.3#
80	7.3		7.7	11.5#

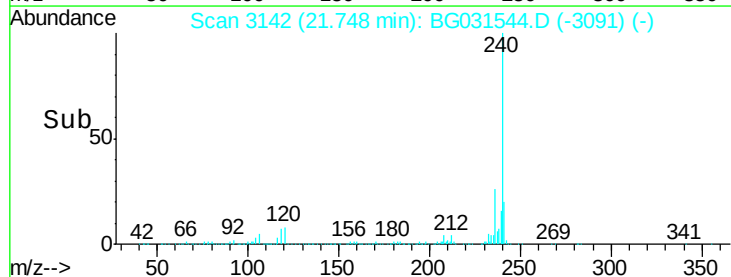
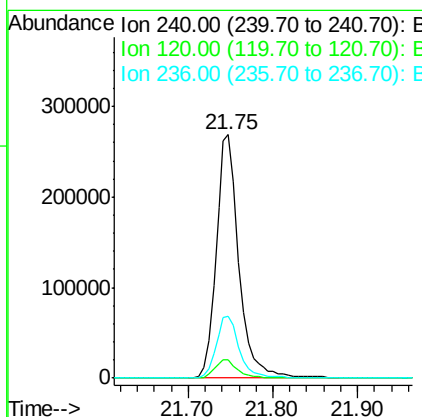
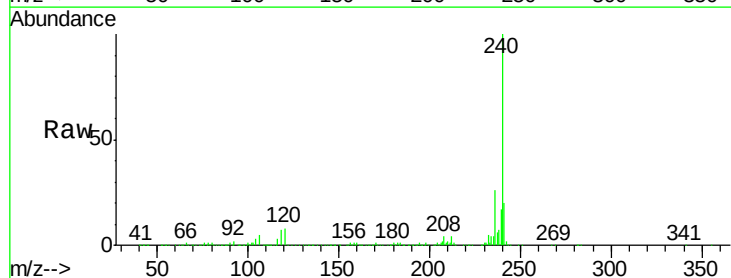
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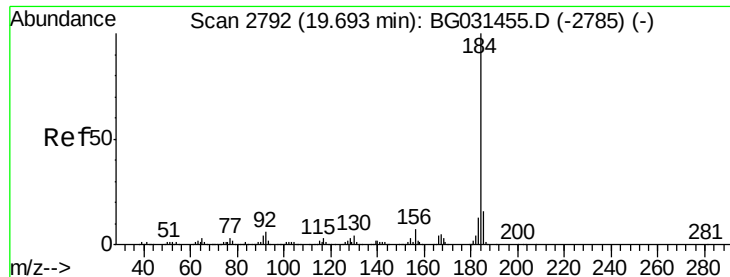
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	502191		
120	7.5		6.8	10.2
236	25.6		20.9	31.3





#76

Benzidine

Concen: 4.860 ng/mL

RT: 19.70 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Instrument :

BNA_G

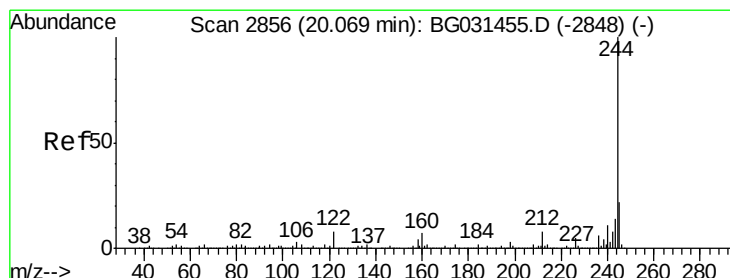
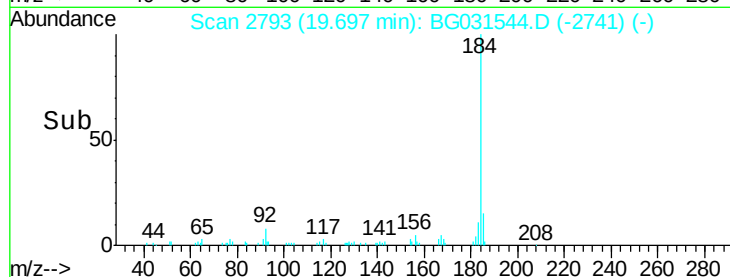
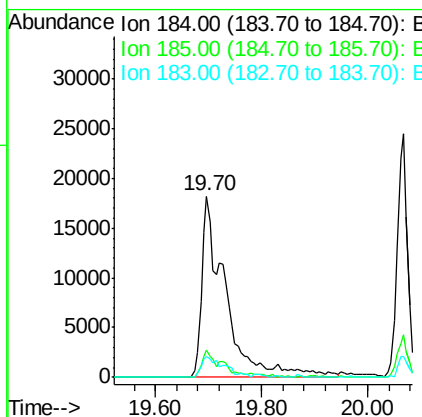
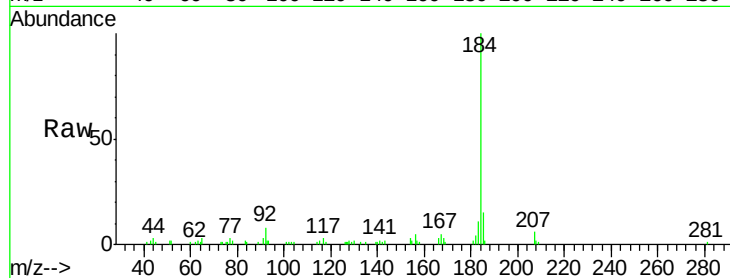
ClientSampled :

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Tot Ion:	184	Resp:	56793
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.1	16.7
183	11.3	10.6	16.0

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#78

Terphenyl-d14

Concen: 95.305 ng/mL

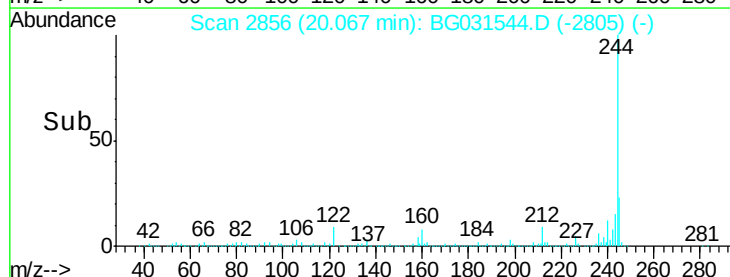
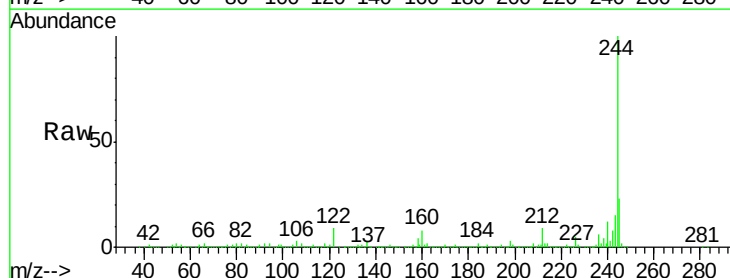
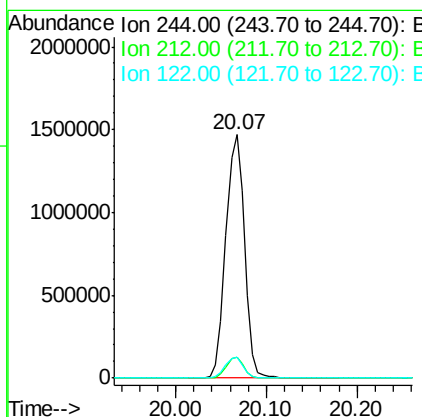
RT: 20.07 min Scan# 2856

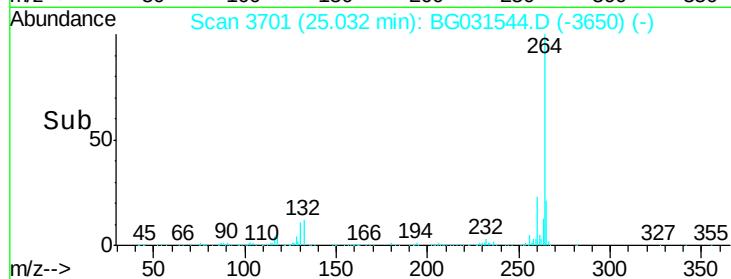
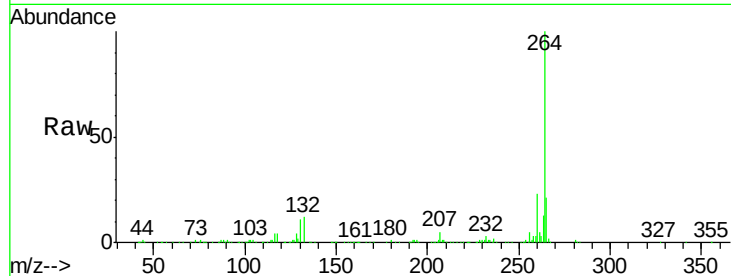
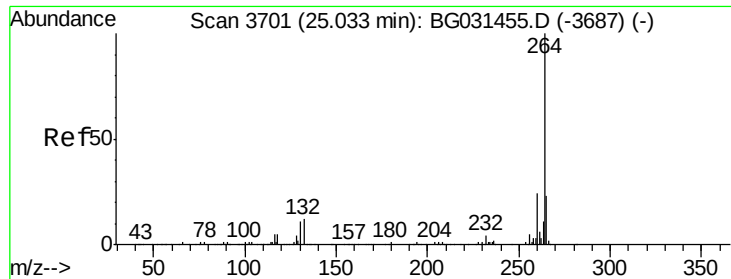
Delta R.T. -0.00 min

Lab File: BG031544.D

Acq: 14 Dec 2017 1:22

Tgt Ion:	244	Resp:	2103647
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.8	8.8
122	8.7	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BG031544.D
Acq: 14 Dec 2017 1:22

Instrument :
BNA_G
ClientSampleId :
WC-003

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.3	17.7	26.5

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