

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
 Data File : BE094513.D
 Acq On : 24 Oct 2017 11:35
 Operator : SJ/JU
 Sample : I5950-10DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 20170723-C-A-COMP2DL

Manual Integrations
 APPROVED

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Quant Time: Oct 24 16:06:21 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 24 15:59:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1237	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6826	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4273	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12751	0.40	ng	0.00
27) Chrysene-d12	21.41	240	10166	0.40	ng	-0.01
34) Perylene-d12	23.95	264	9639	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	73	0.02	ng	0.02
5) Phenol-d6	7.17	99	64	0.01	ng	0.03
8) Nitrobenzene-d5	9.10	82	229	0.04	ng	0.02
11) 2-Methylnaphthalene-d10	12.28	152	460	0.04	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	57	0.05	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	719	0.05	ng	0.00
25) Fluoranthene-d10	19.28	212	5443	0.04	ng	0.00
29) Terphenyl-d14	19.85	244	1027	0.05	ng	-0.01
Target Compounds						
9) Naphthalene	10.74	128	26326	0.341	ng	100
12) 2-Methylnaphthalene	12.36	142	2155	0.164	ng	99
17) Acenaphthene	14.57	154	1923	0.133	ng	99
18) Fluorene	15.56	166	2046	0.110	ng	# 92
23) Phenanthrene	17.27	178	7406m	0.186	ng	
24) Anthracene	17.37	178	1027m	0.027	ng	
28) Pyrene	19.67	202	1079	0.030	ng	# 94

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

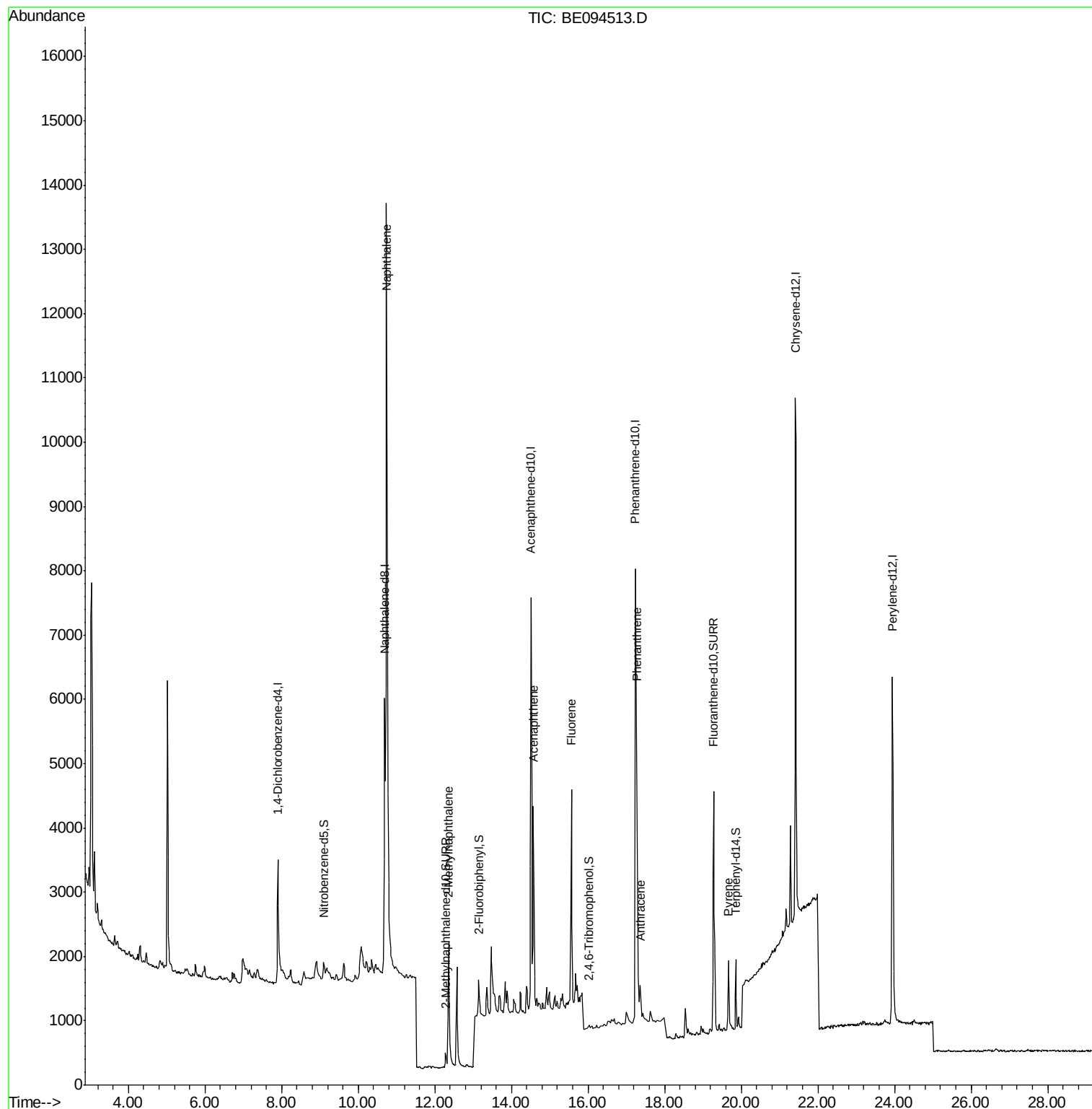
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102417\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

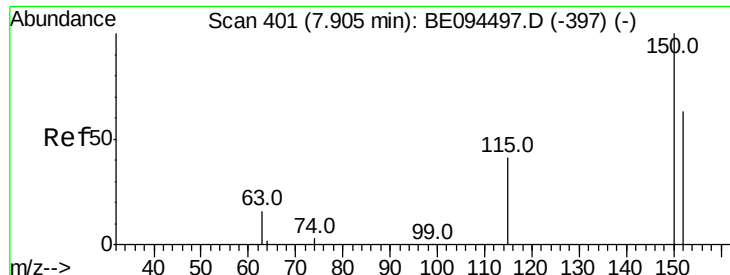
Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2DL

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#1

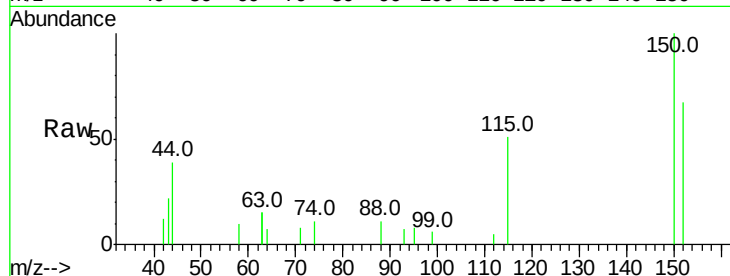
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2DL

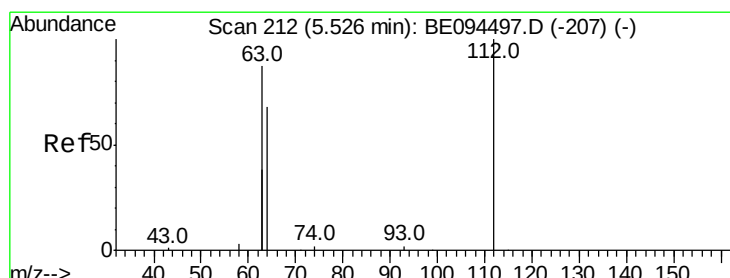
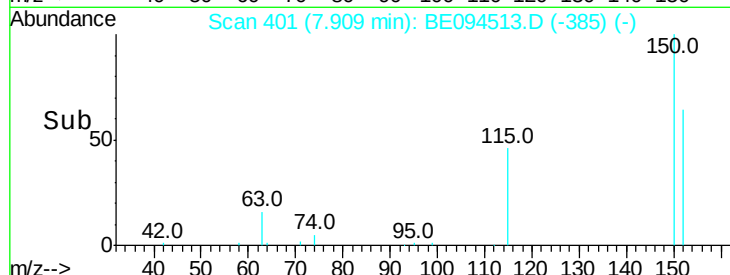
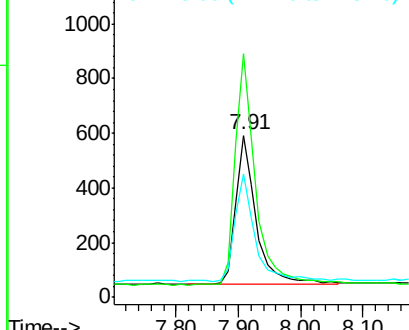
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	117.2	175.8
115	75.9	57.0	85.6

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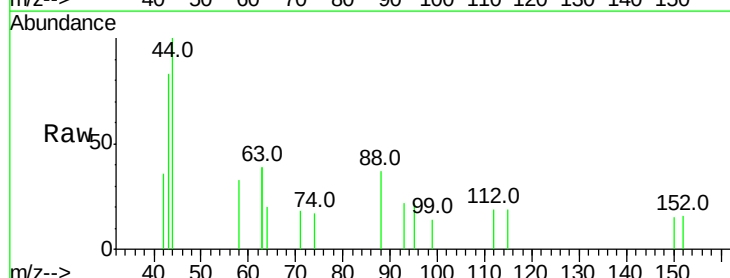
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



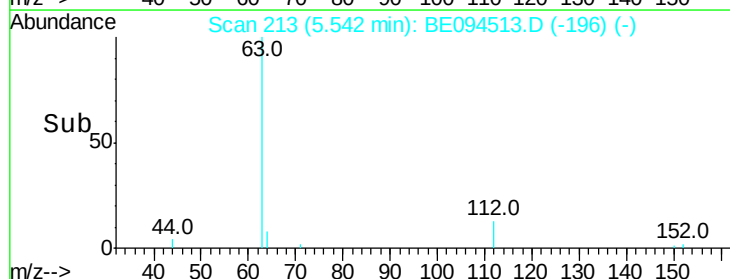
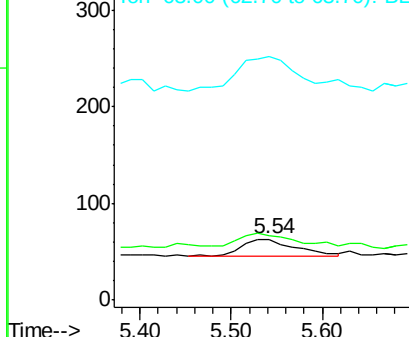
#4

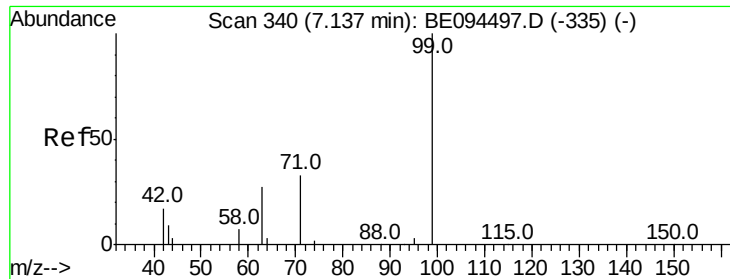
2-Fluorophenol
Concen: 0.017 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.02 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	112.3	60.1	90.1#
63	258.9	116.8	175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.010 ng

RT: 7.17 min Scan# 342

Delta R.T. 0.03 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

Instrument :

BNA_E

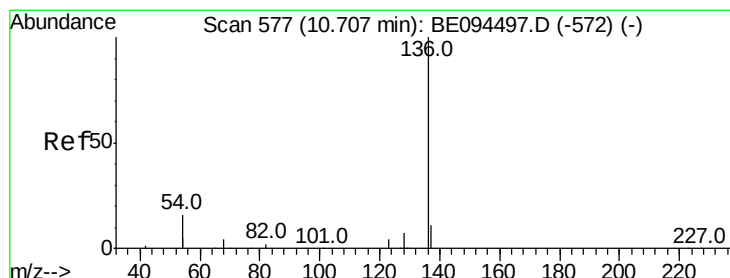
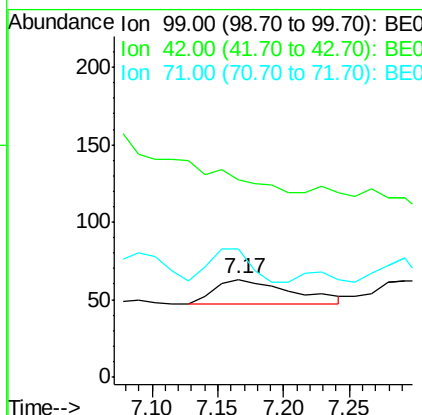
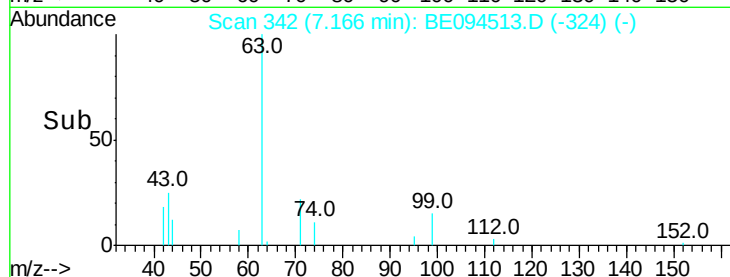
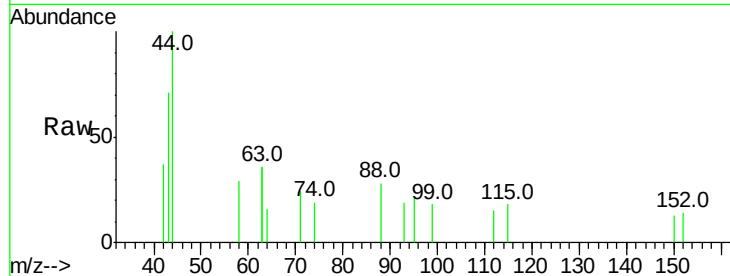
ClientSampleId :

20170723-C-A-COMP2DL

Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	73.4	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

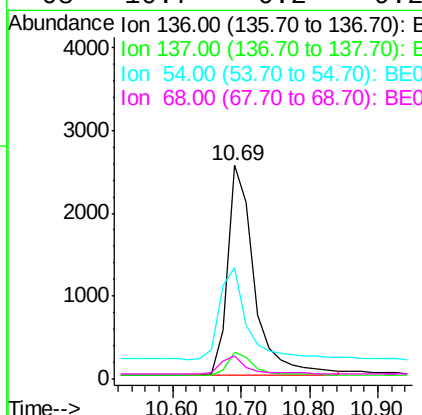
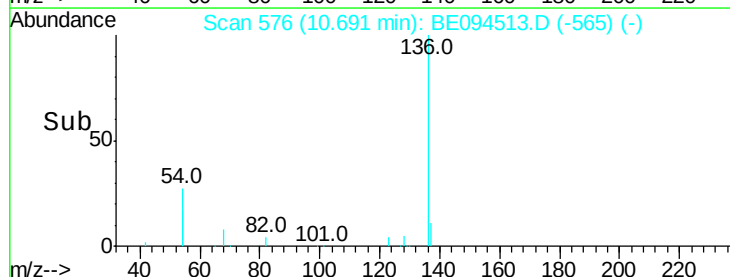
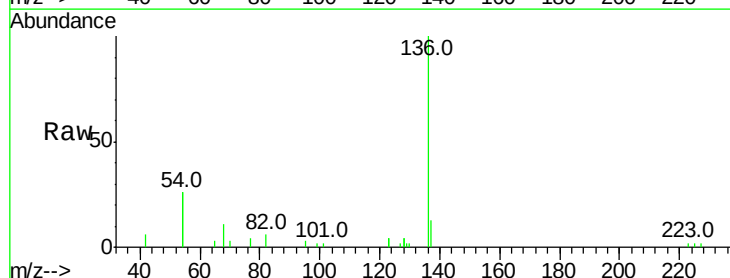
RT: 10.69 min Scan# 576

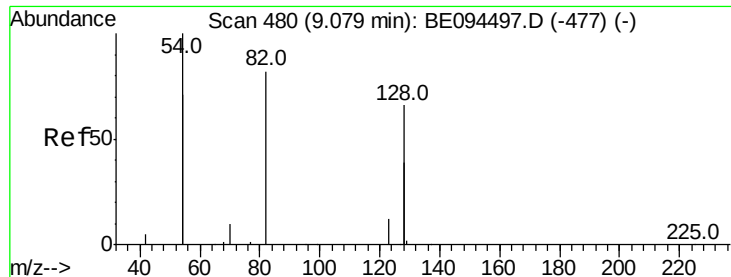
Delta R.T. -0.02 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	52.0	29.1	43.7#
68	10.7	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.042 ng

RT: 9.10 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

Instrument :

BNA_E

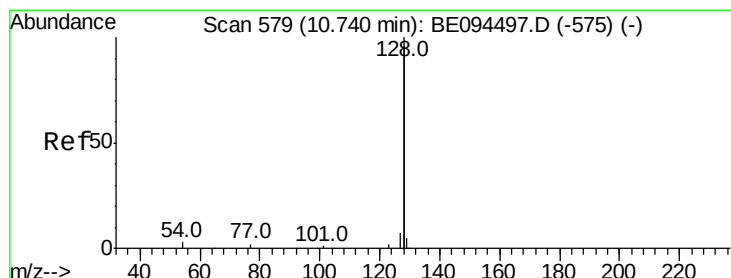
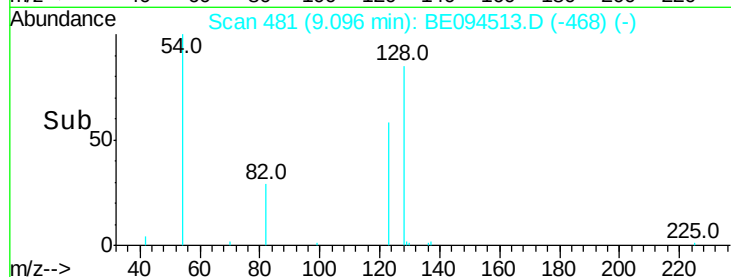
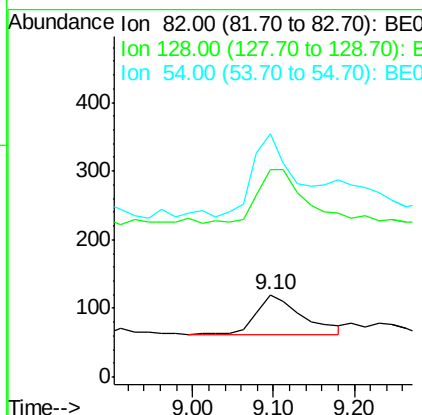
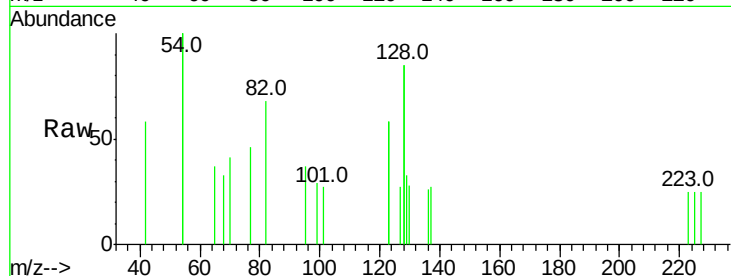
ClientSampleId :

20170723-C-A-COMP2DL

Tot Ion:	82	Resp:	229
Ion	Ratio	Lower	Upper
82	100		
128	251.7	150.0	225.0#
54	295.0	154.2	231.4#

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#9

Naphthalene

Concen: 0.341 ng

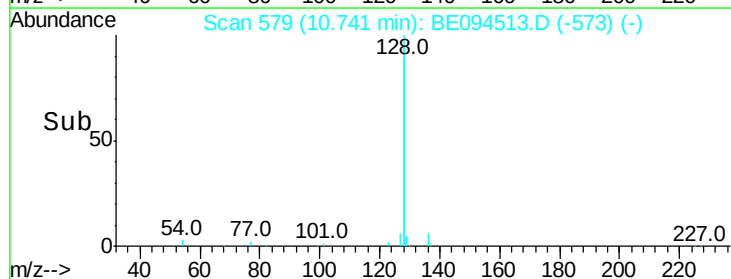
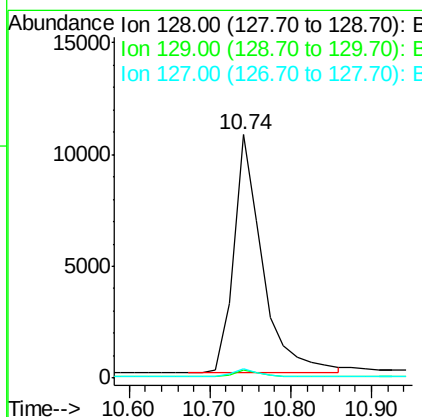
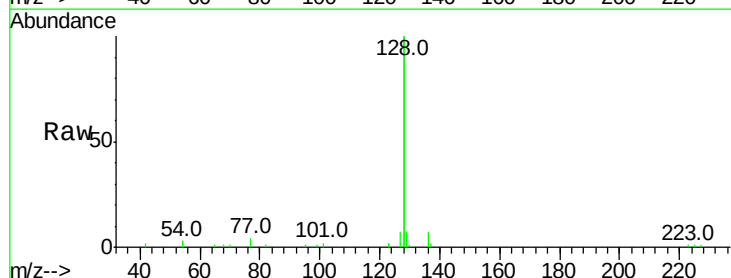
RT: 10.74 min Scan# 579

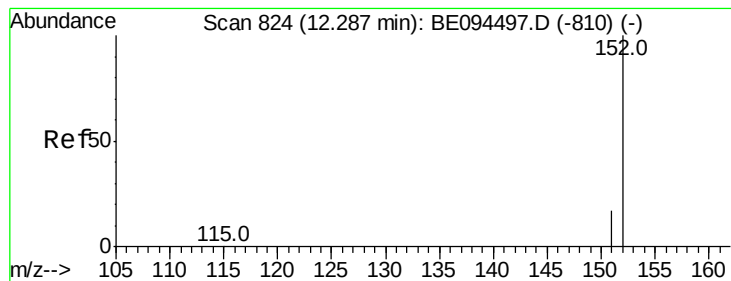
Delta R.T. 0.00 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

Tgt Ion:	128	Resp:	26326
Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.6	2.8	4.2





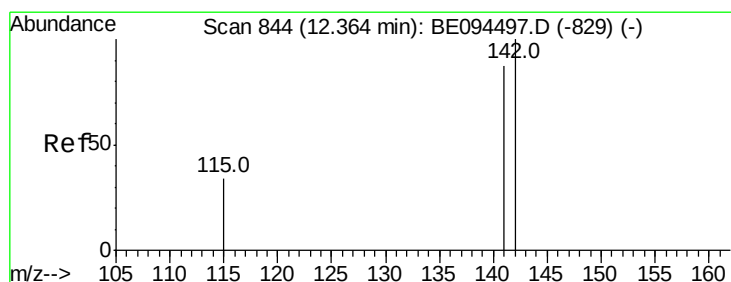
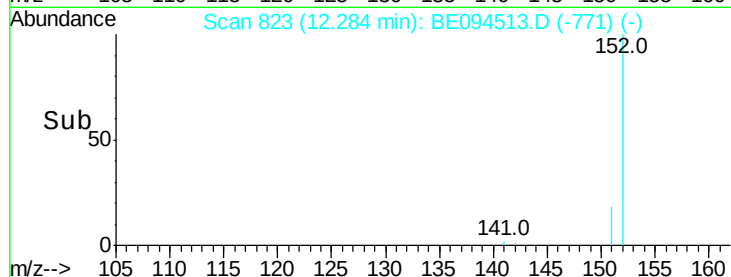
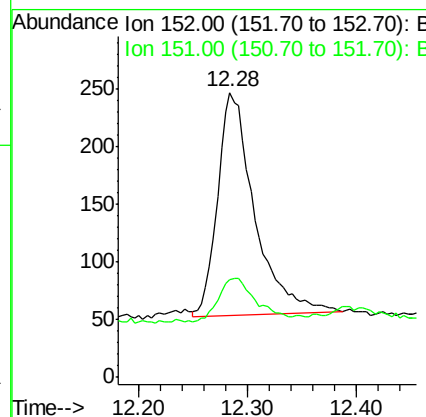
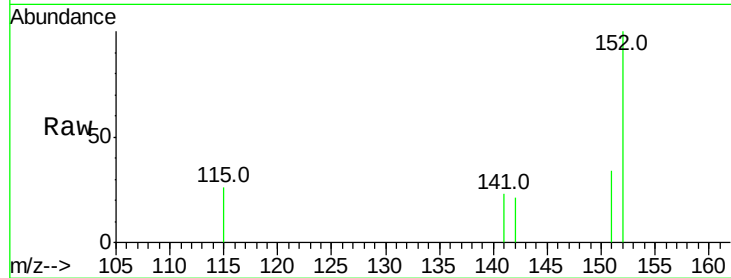
#11
2-Methylnaphthalene-d10
Concen: 0.042 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.00 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2DL

Tot Ion:152 Resp: 460
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0

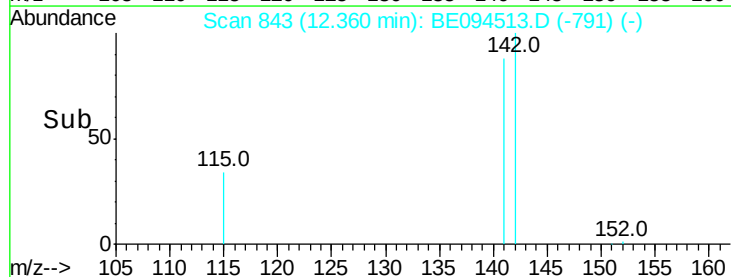
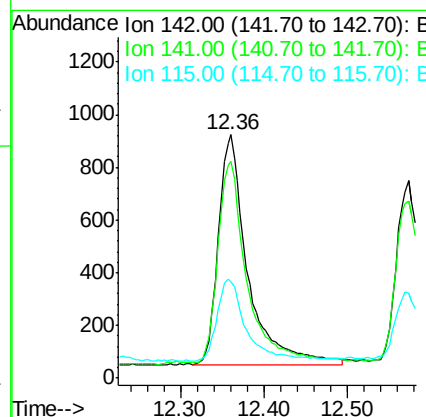
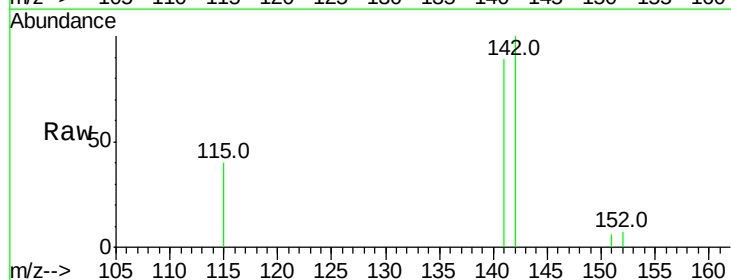
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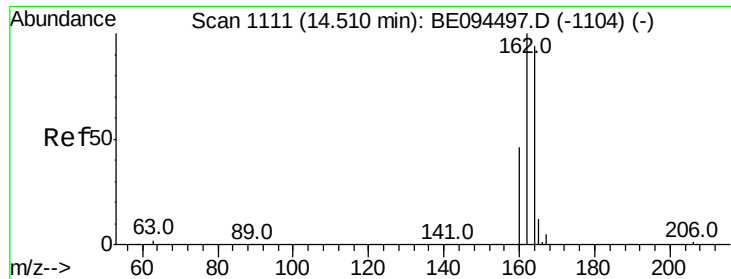
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#12
2-Methylnaphthalene
Concen: 0.164 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.00 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Tgt Ion:142 Resp: 2155
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 39.7 31.7 47.5





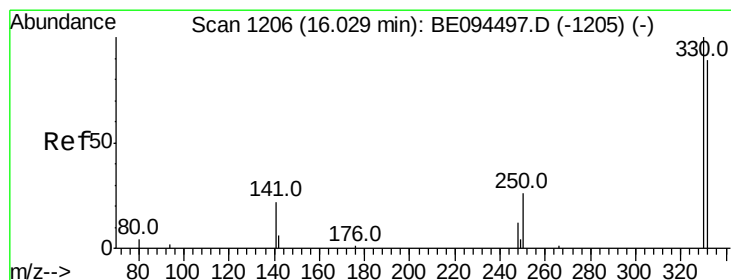
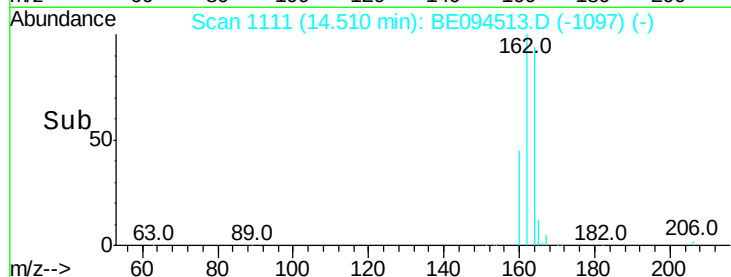
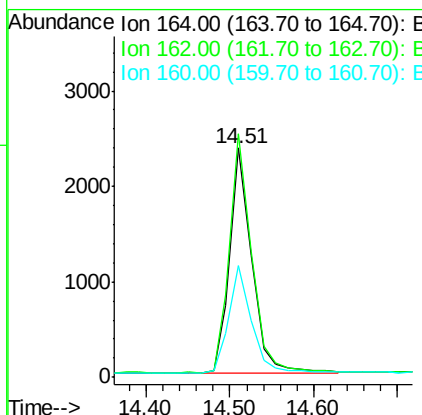
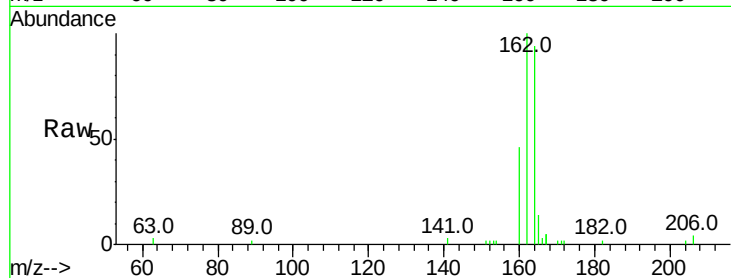
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BE094513.D
 Acq: 24 Oct 2017 11:35

Instrument :
 BNA_E
 ClientSampleId :
 20170723-C-A-COMP2DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.1	124.7
160	48.5	37.1	55.7

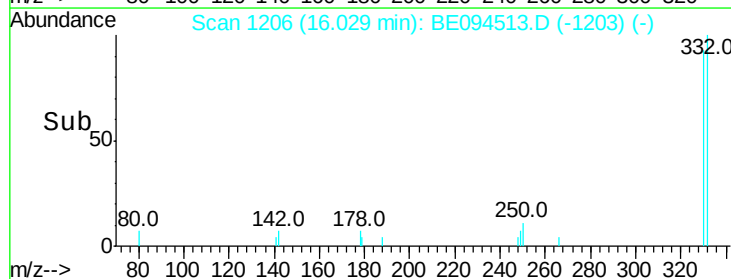
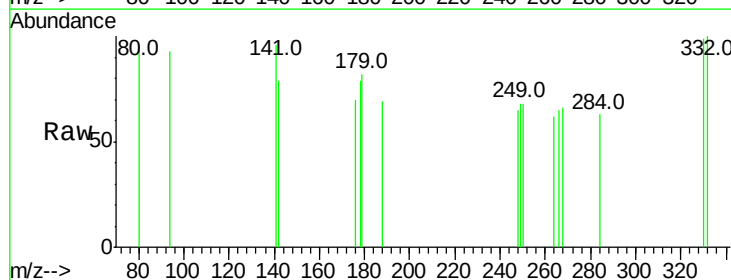
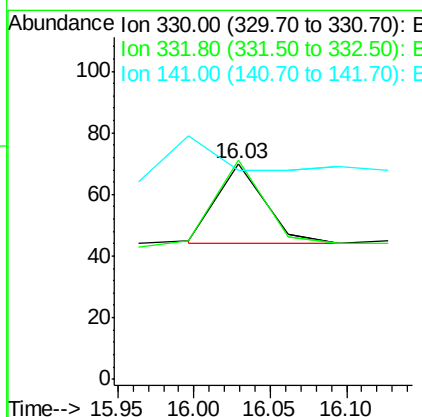
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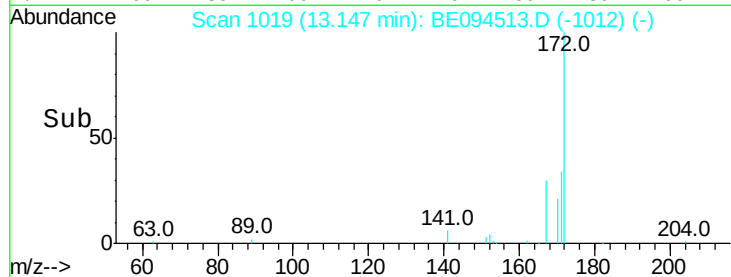
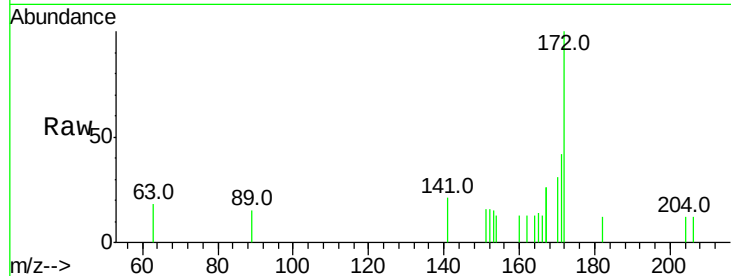
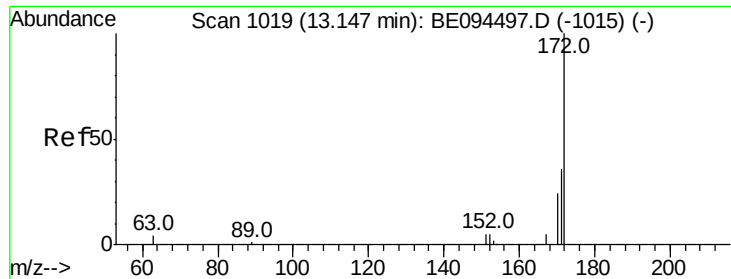
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#14
 2,4,6-Tribromophenol
 Concen: 0.048 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094513.D
 Acq: 24 Oct 2017 11:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	0.0	33.7	50.5#





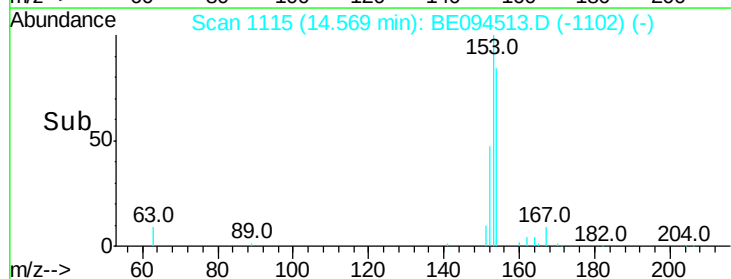
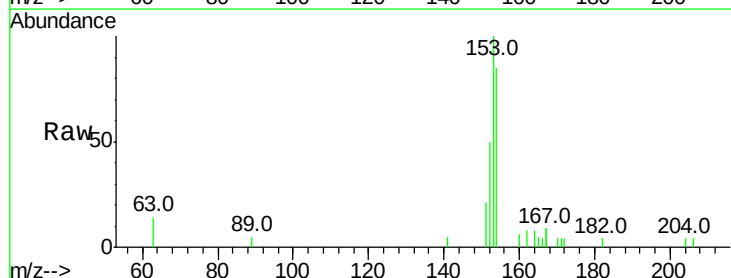
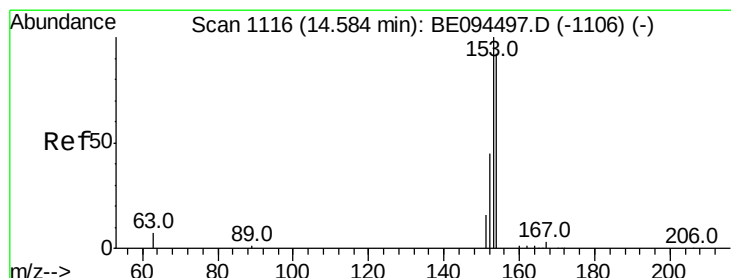
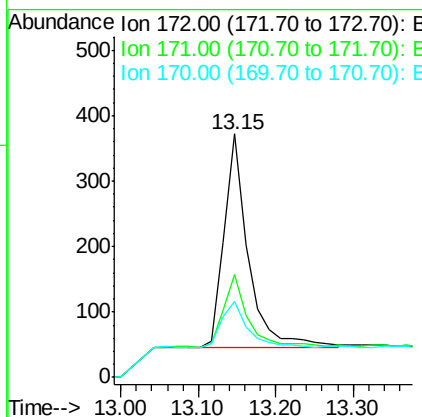
#15
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.5	29.9	44.9
170	31.2	21.8	32.8

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2DL

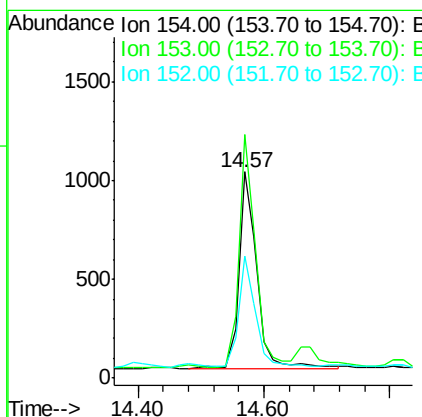
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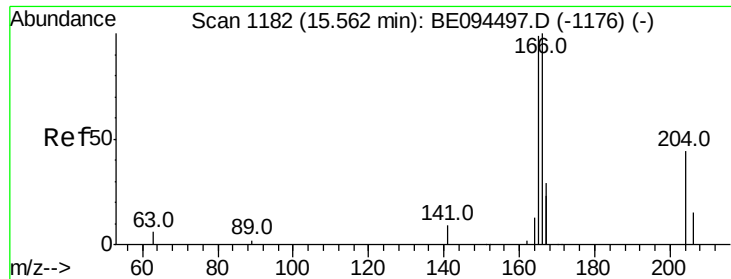
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#17
Acenaphthene
Concen: 0.133 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.2	133.8
152	53.4	42.0	63.0





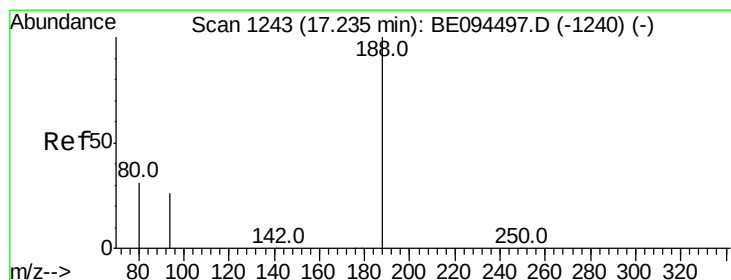
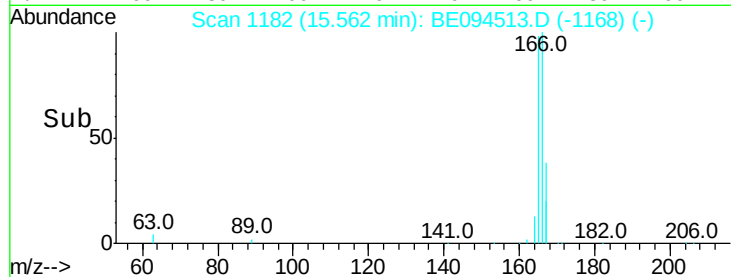
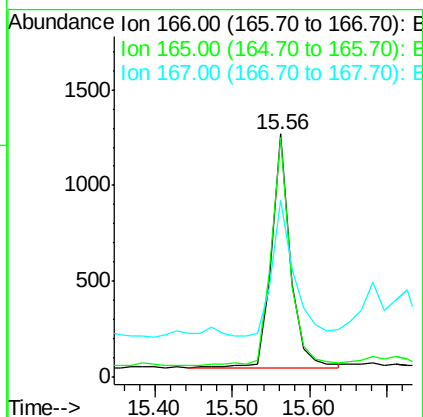
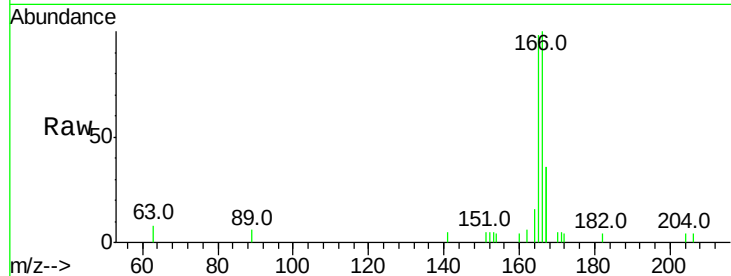
#18
Fluorene
 Concen: 0.110 ng
 RT: 15.56 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BE094513.D
 Acq: 24 Oct 2017 11:35

Instrument :
 BNA_E
 ClientSampleId :
 20170723-C-A-COMP2DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	66.4	42.4	63.6#

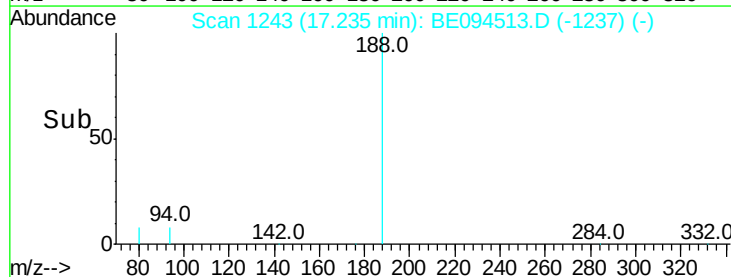
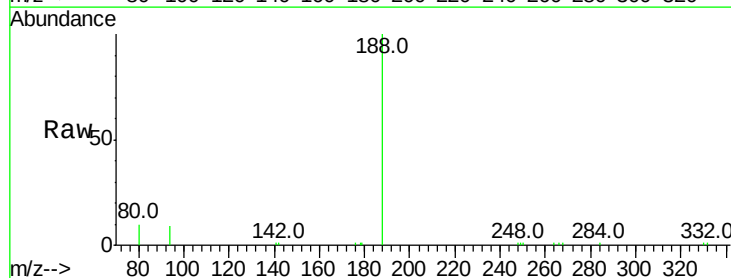
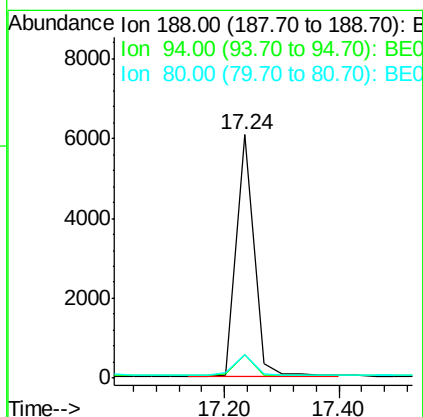
Manual Integrations
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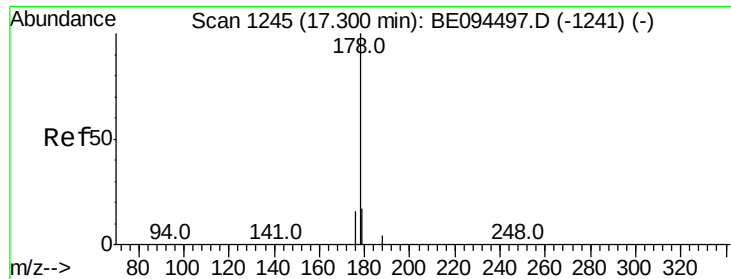
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE094513.D
 Acq: 24 Oct 2017 11:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	3.9	5.9#
80	9.6	3.6	5.4#





#23

Phenanthrene

Concen: 0.186 ng m

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

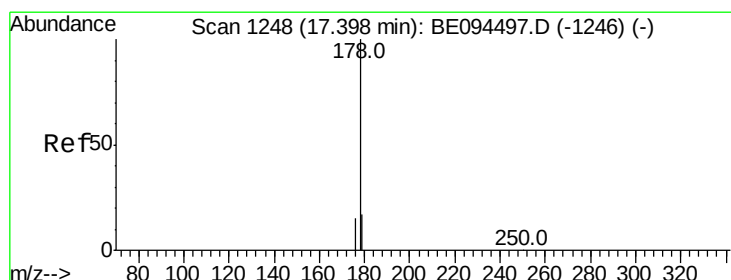
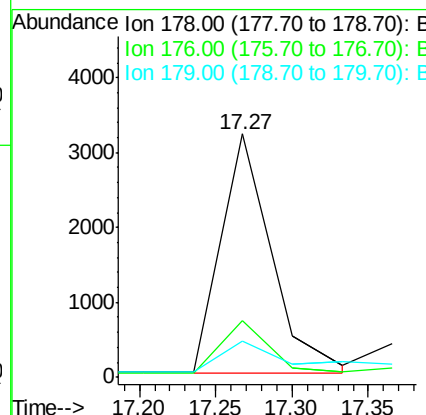
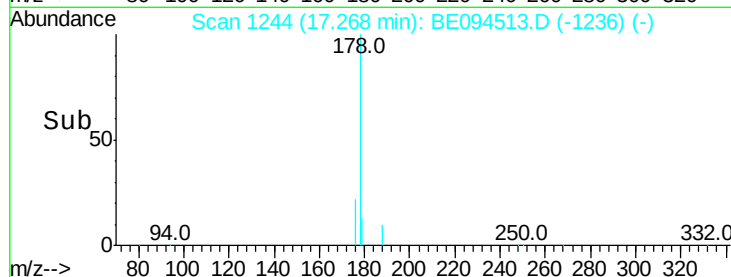
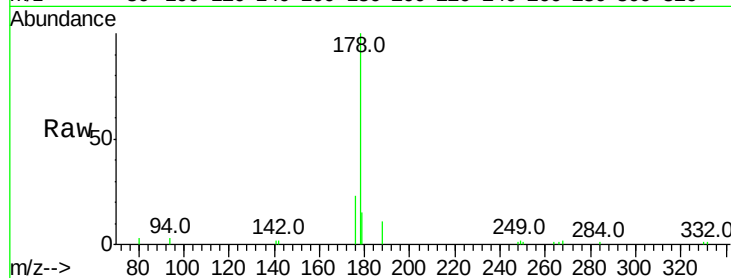
Instrument :
BNA_E

ClientSampleId :
20170723-C-A-COMP2DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.7	15.1	22.7#
179	21.3	11.8	17.6#

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#24

Anthracene

Concen: 0.027 ng m

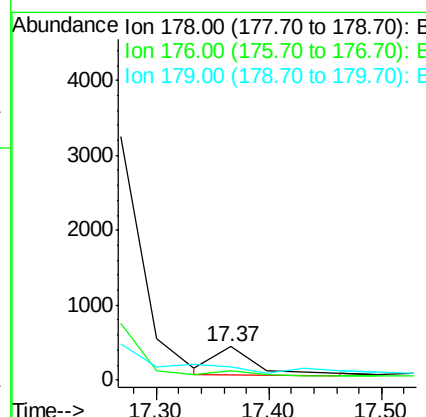
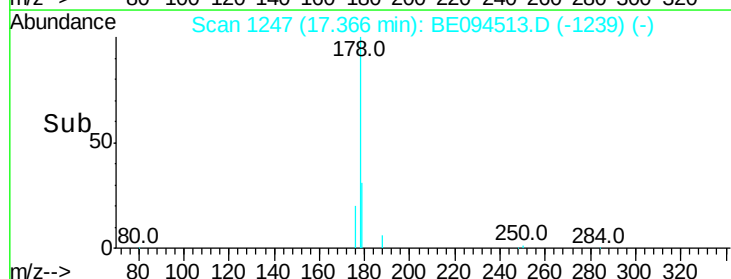
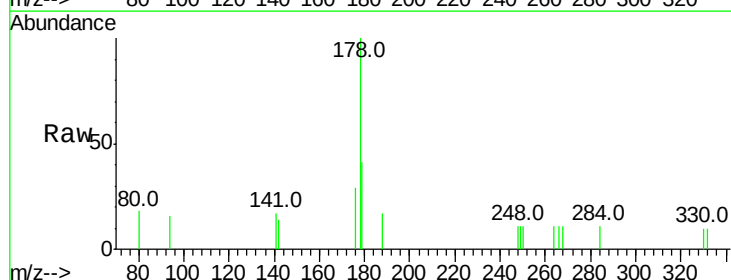
RT: 17.37 min Scan# 1247

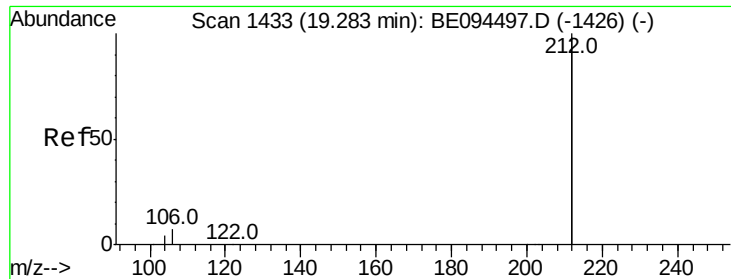
Delta R.T. -0.03 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	162.4	12.8	19.2#
179	153.8	13.0	19.6#





#25

Fluoranthene-d10

Concen: 0.037 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

Instrument :

BNA_E

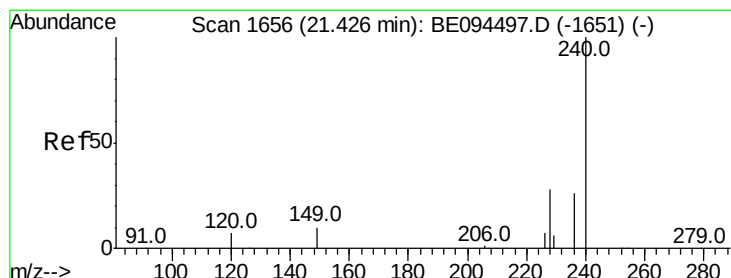
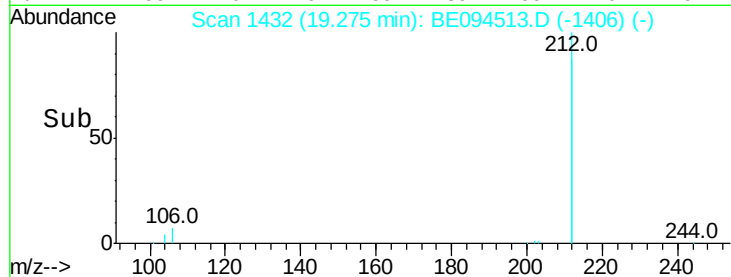
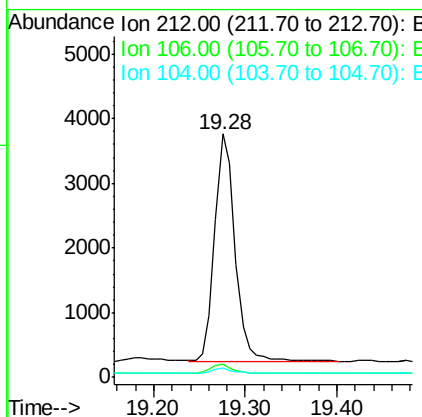
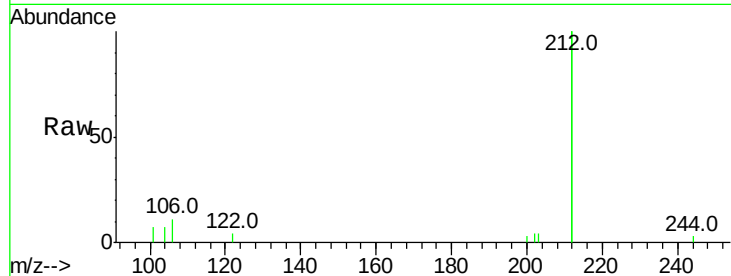
ClientSampleId :

20170723-C-A-COMP2DL

Tot Ion:	212	Resp:	5443
Ion Ratio	Lower	Upper	
212	100		
106	3.6	2.8	4.2
104	2.3	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

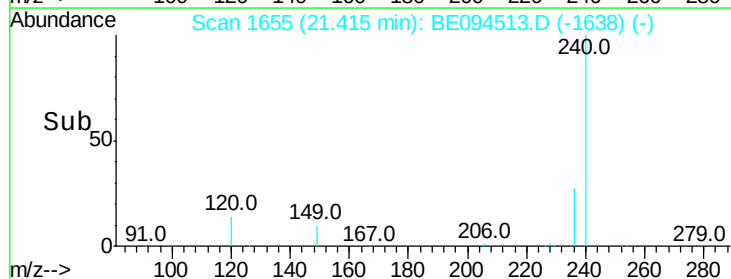
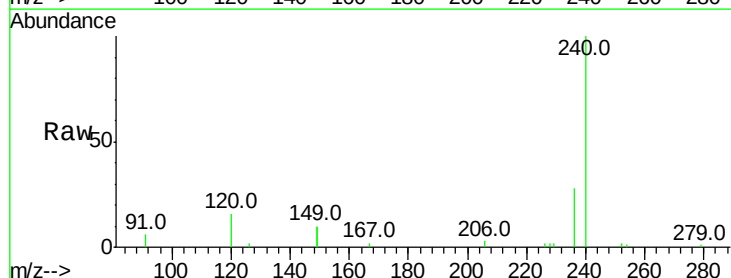
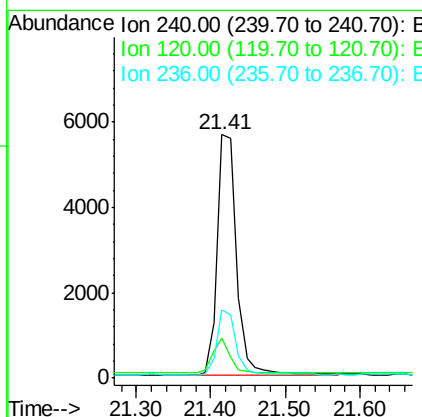
RT: 21.41 min Scan# 1655

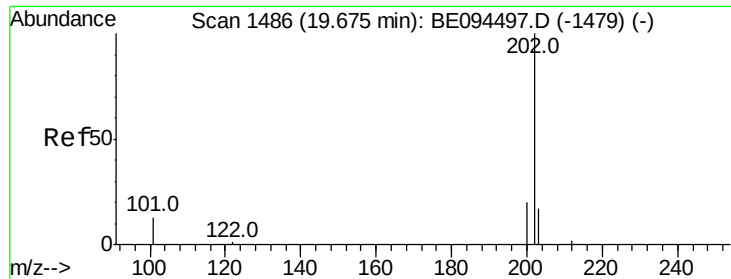
Delta R.T. -0.01 min

Lab File: BE094513.D

Acq: 24 Oct 2017 11:35

Tgt Ion:	240	Resp:	10166
Ion Ratio	Lower	Upper	
240	100		
120	16.3	5.5	8.3#
236	28.0	20.7	31.1





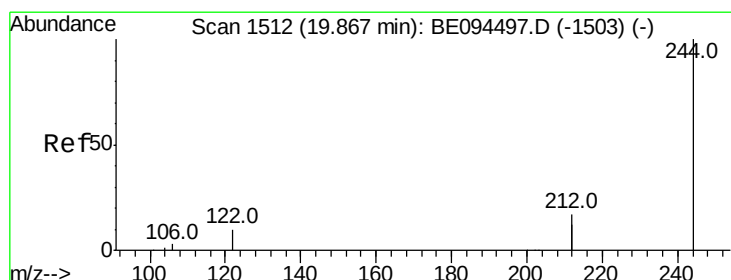
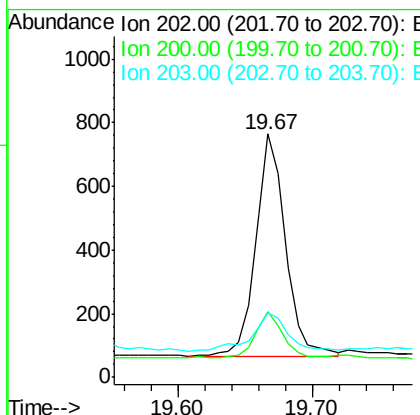
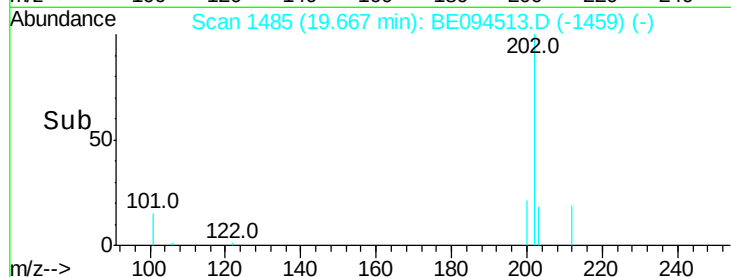
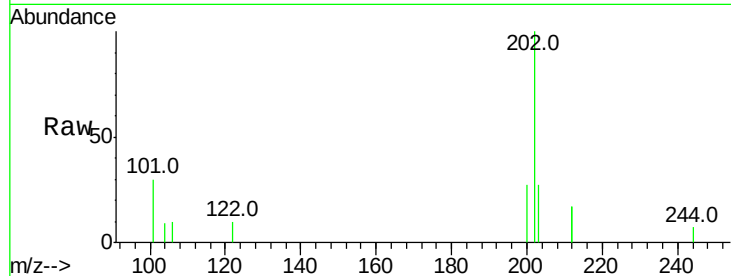
#28
Pvrene
Concen: 0.030 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1079		
200	19.3		16.6	25.0
203	20.9		13.8	20.8

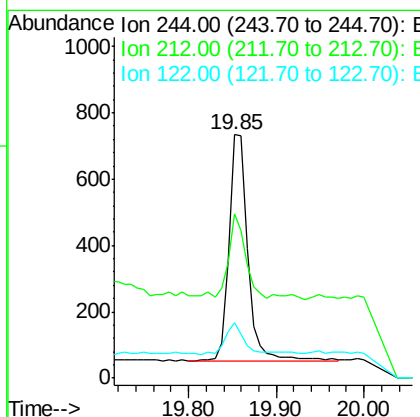
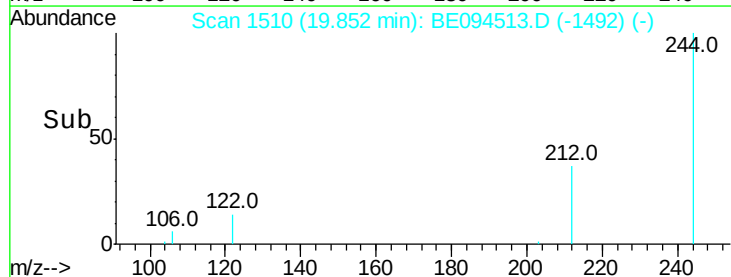
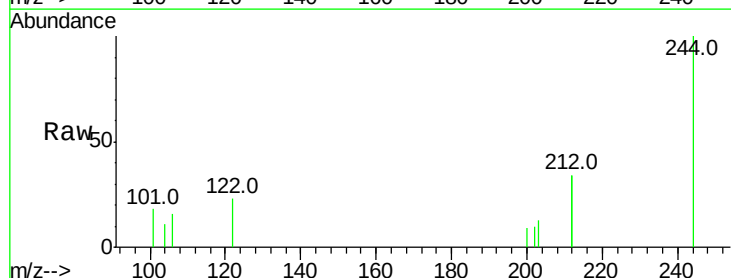
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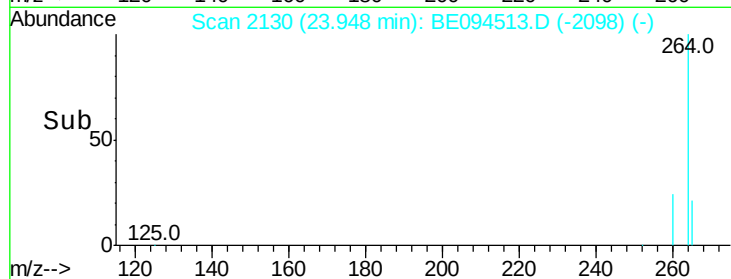
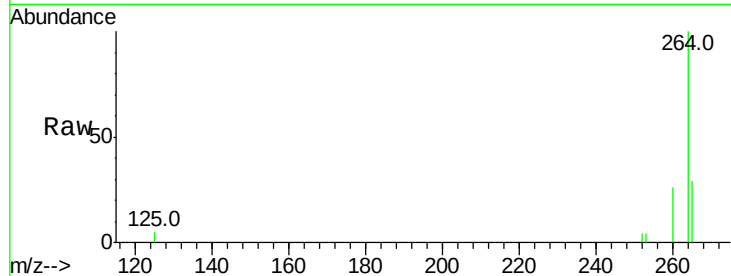
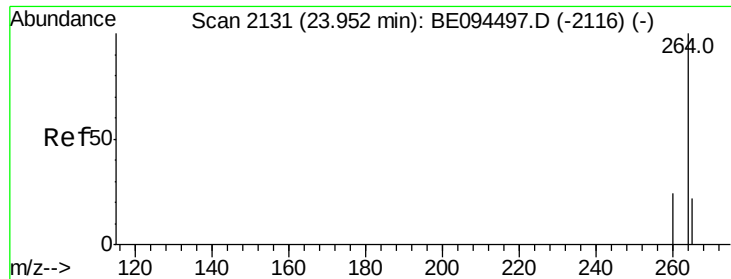
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#29
Terphenyl-d14
Concen: 0.054 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BE094513.D
Acq: 24 Oct 2017 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1027		
212	67.6		25.4	38.0
122	22.6		8.1	12.1





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BE094513.D
 Acq: 24 Oct 2017 11:35

Instrument :
 BNA_E
 ClientSampleId :
 20170723-C-A-COMP2DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	29.0	22.8	34.2

Manual Integrations
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