

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001352.D
 Acq On : 21 May 2015 09:12
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

apatel
 5/21/2015 8:53:19 PM

Quant Time: May 21 11:05:16 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 08:43:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	15149	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	62766	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	39477	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	82103	5.00	ng	0.00
25) Chrysene-d12	21.07	240	88579	5.00	ng	0.00
32) Perylene-d12	23.17	264	84202	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	14806	5.04	ng	0.00
5) Phenol-d6	6.61	99	20007	5.30	ng	0.00
7) Nitrobenzene-d5	8.59	82	19904	5.46	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	8124	6.67	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	60015	5.21	ng	0.00
27) Terphenyl-d14	19.50	244	60426	5.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	5795	4.21	ng	# 82
3) n-Nitrosodimethylamine	3.21	42	9223	5.04	ng	# 93
8) Nitrobenzene	8.63	77	21506	5.62	ng	98
9) Naphthalene	10.25	128	67914	5.21	ng	99
10) Hexachlorobutadiene	10.54	225	12752	5.12	ng	100
11) 2-Methylnaphthalene	11.89	142	49376	5.34	ng	97
15) Acenaphthylene	13.82	152	93350	5.49	ng	100
16) Acenaphthene	14.17	154	54100	5.32	ng	99
17) Fluorene	15.15	166	40418	4.06	ng	95
19) 4-Bromophenyl-phenylether	16.04	248	22795	7.64	ng	99
20) Hexachlorobenzene	16.17	284	32039	5.93	ng	# 99
21) Pentachlorophenol	16.51	266	15830	8.18	ng	96
22) Phenanthrene	16.89	178	156932m	5.54	ng	
23) Anthracene	16.99	178	55456m	5.46	ng	
24) Fluoranthene	18.92	202	134036	6.35	ng	100
26) Pyrene	19.29	202	141284	5.42	ng	100
28) Benzo(a)anthracene	21.04	228	130857	5.43	ng	100
29) Chrysene	21.10	228	122091	5.26	ng	99
30) Bis(2-ethylhexyl)phthalate	20.99	149	79836	5.86	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	140632	5.41	ng	99
33) Benzo(b)fluoranthene	22.54	252	132872	5.42	ng	98
34) Benzo(k)fluoranthene	22.58	252	121739	5.19	ng	98
35) Benzo(a)pyrene	23.07	252	117895	5.40	ng	97
36) Dibenzo(a,h)anthracene	25.26	278	109413	5.34	ng	97
37) Benzo(g,h,i)perylene	25.88	276	114364	5.27	ng	98

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

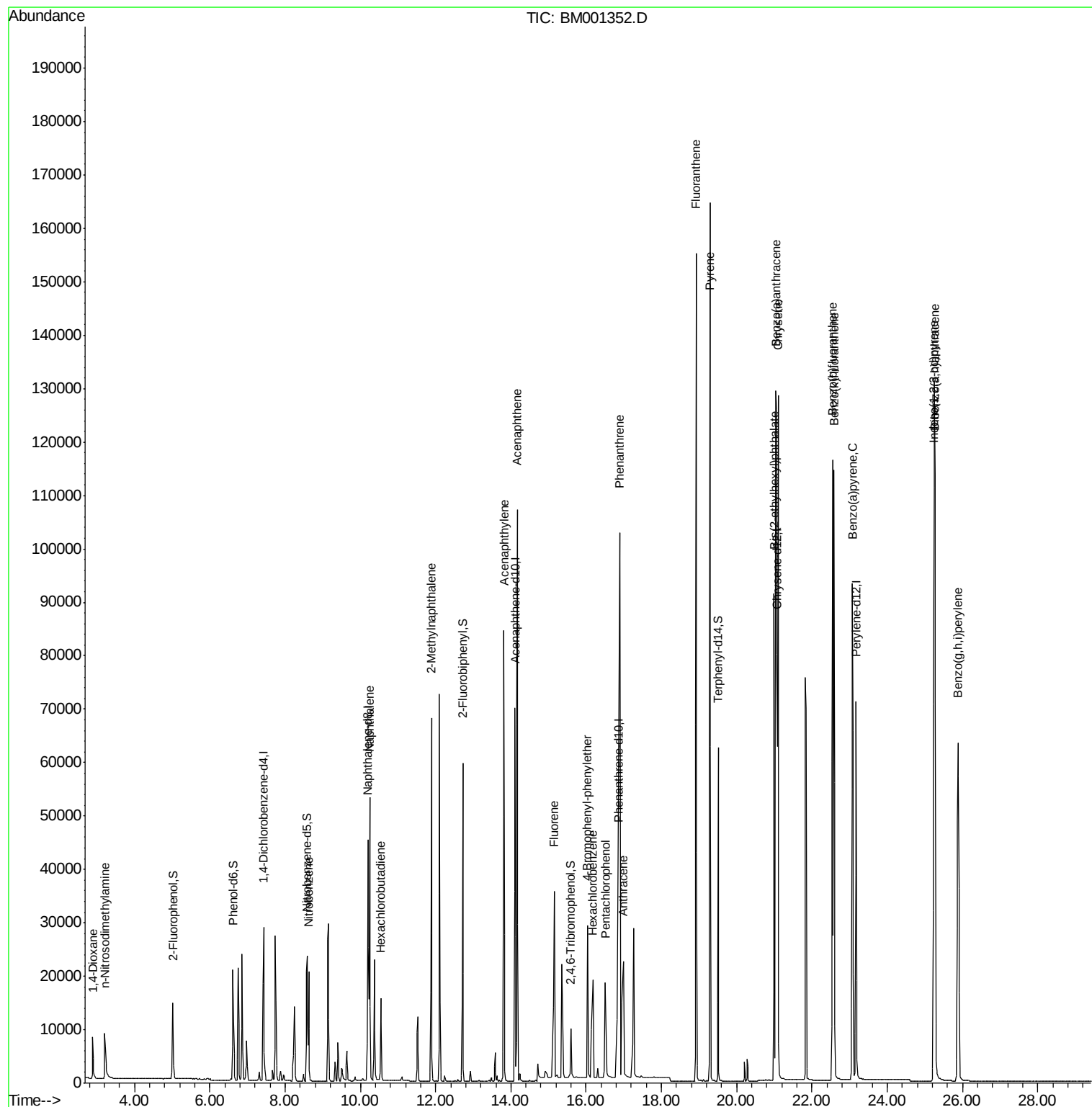
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
Data File : BM001352.D
Acq On : 21 May 2015 09:12
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

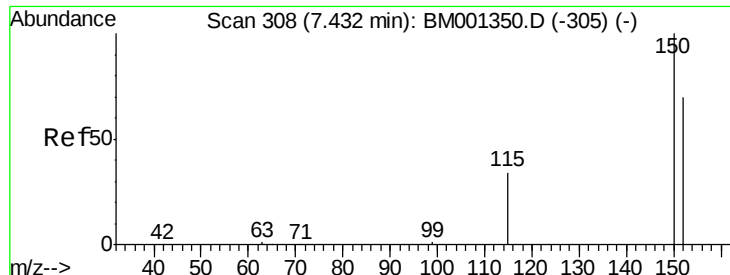
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
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#1

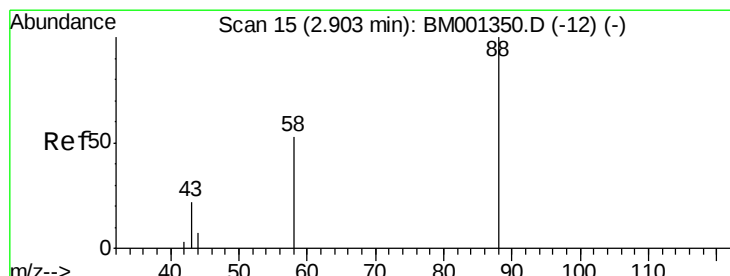
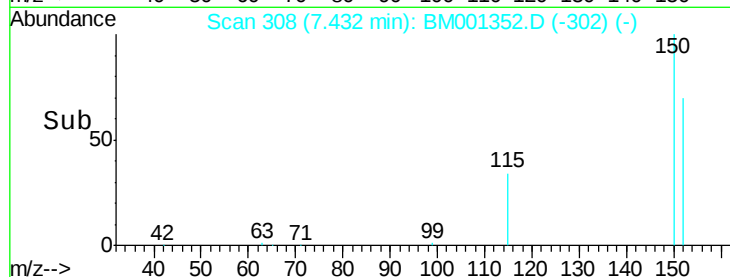
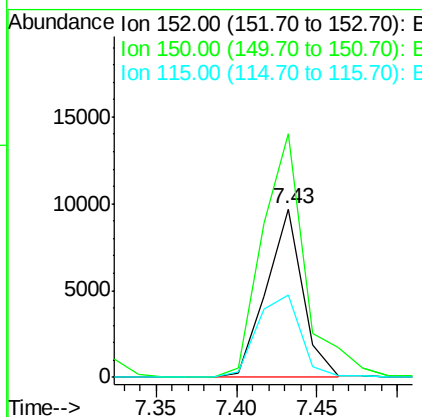
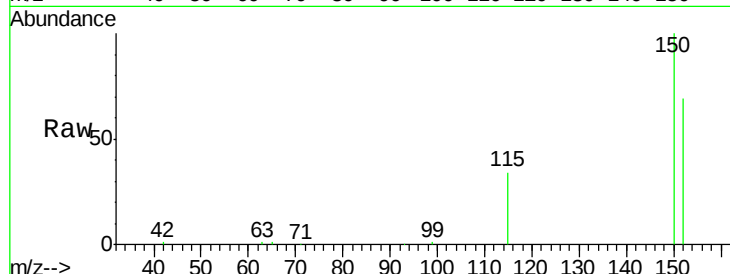
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. 0.00 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.5	114.1	171.1
115	49.1	39.2	58.8

Manual Integrations
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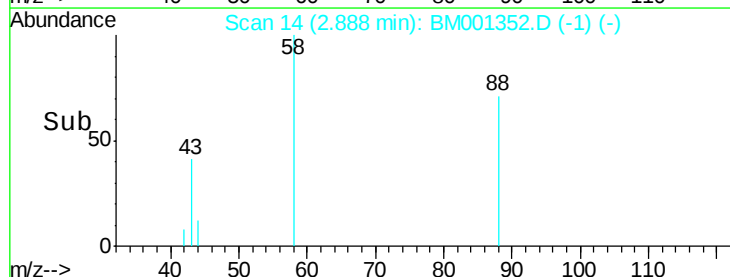
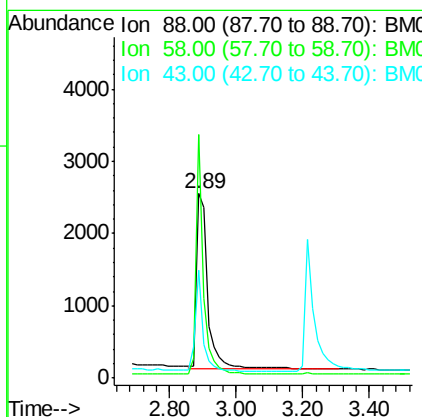
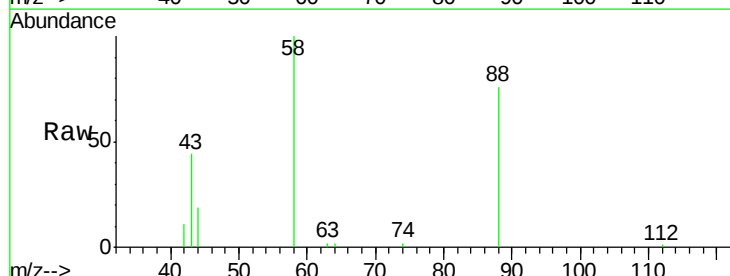
apatel
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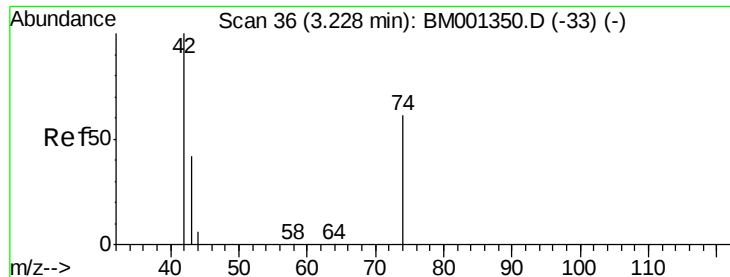


#2

1,4-Dioxane
Concen: 4.21 ng
RT: 2.89 min Scan# 14
Delta R.T. -0.02 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	53.1	79.7#
43	39.1	27.8	41.8





#3

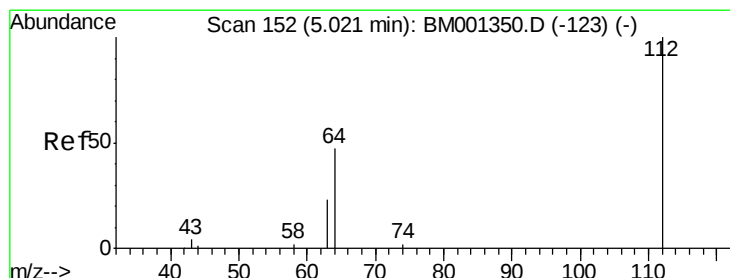
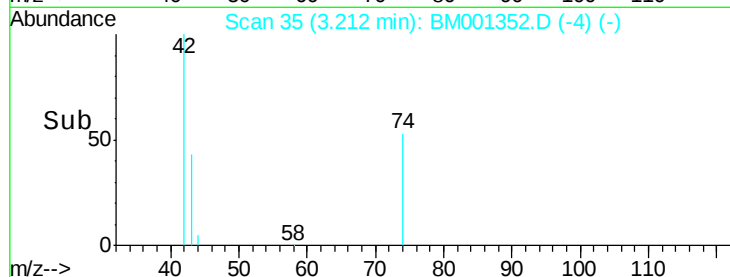
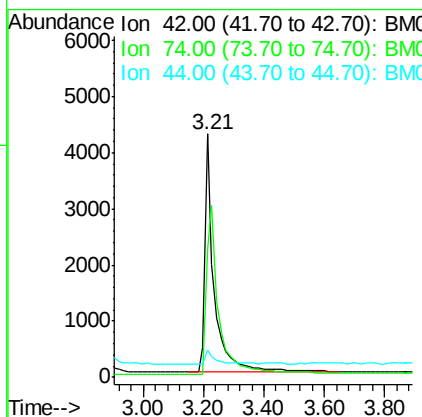
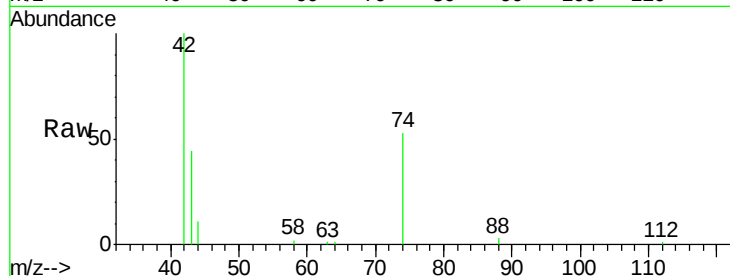
n-Nitrosodimethylamine
 Concen: 5.04 ng
 RT: 3.21 min Scan# 35
 Delta R.T. -0.02 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tot Ion	Ratio	Lower	Upper
42	100		
74	93.7	70.0	105.0
44	5.7	3.6	5.4

Manual Integrations
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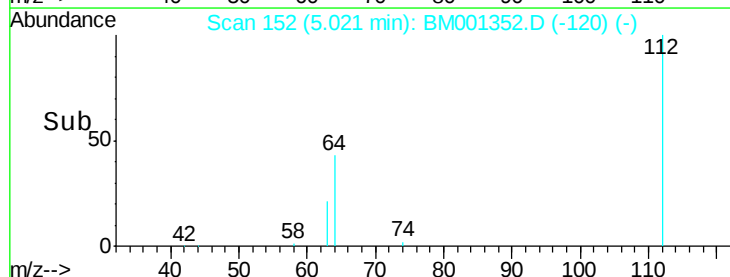
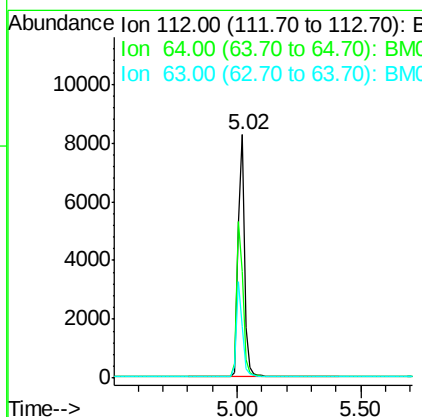
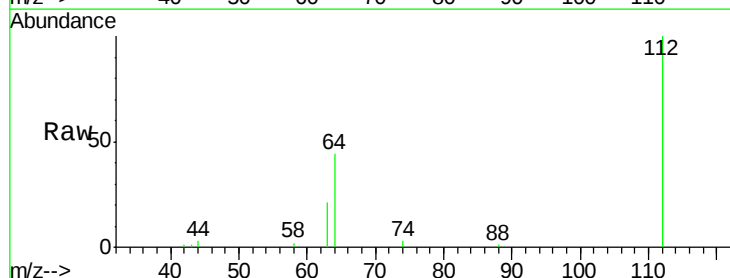
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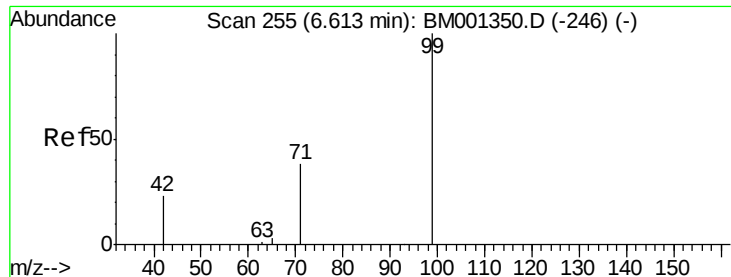


#4

2-Fluorophenol
 Concen: 5.04 ng
 RT: 5.02 min Scan# 152
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	52.9	79.3
63	36.3	29.6	44.4





#5

Phenol-d6

Concen: 5.30 ng

RT: 6.61 min Scan# 255

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

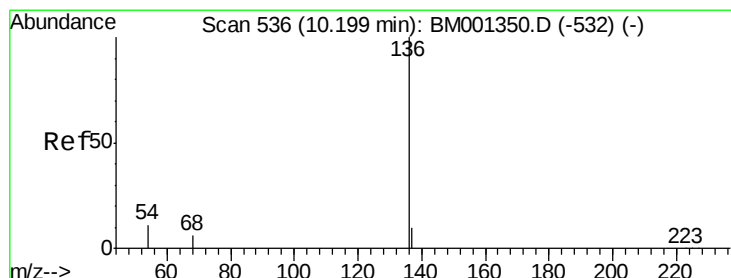
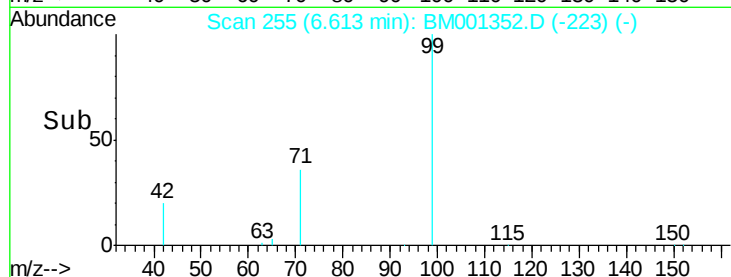
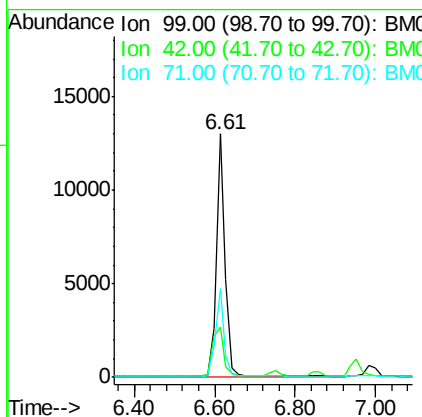
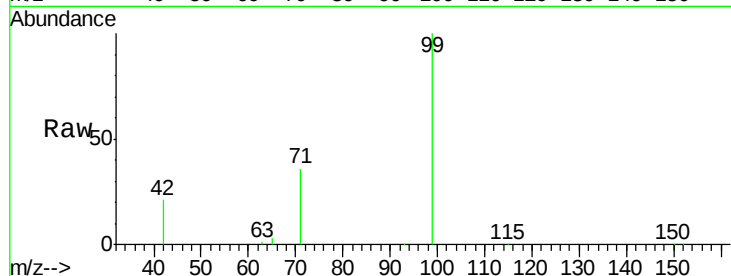
ClientSampleId :

SSTDICC005

Tot Ion:	99	Resp:	20007
Ion Ratio	Lower	Upper	
99	100		
42	26.2	21.4	32.2
71	36.0	29.0	43.4

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#6

Naphthalene-d8

Concen: 5.00 ng

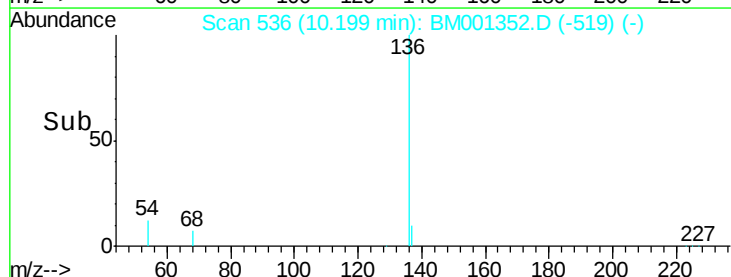
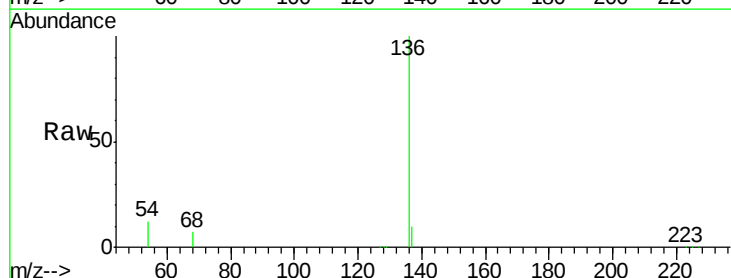
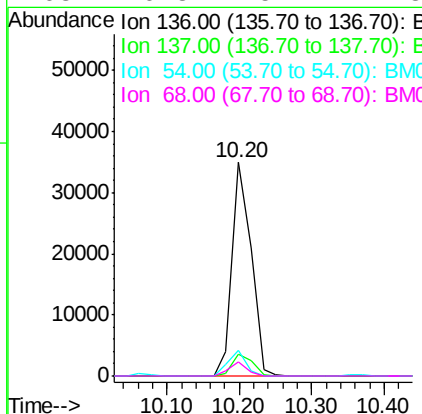
RT: 10.20 min Scan# 536

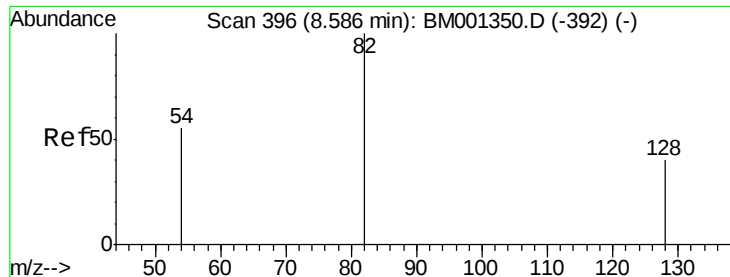
Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Tgt Ion:	136	Resp:	62766
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.2	12.4
54	12.1	9.4	14.0
68	6.8	5.2	7.8





#7

Nitrobenzene-d5

Concen: 5.46 ng

RT: 8.59 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

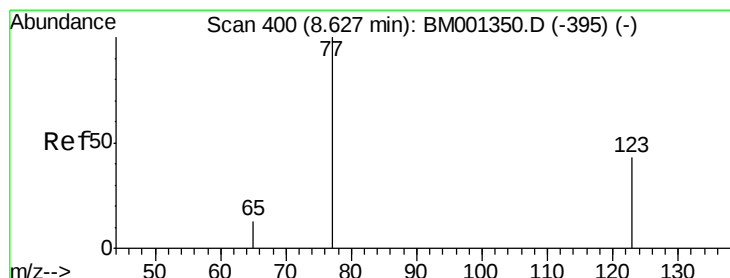
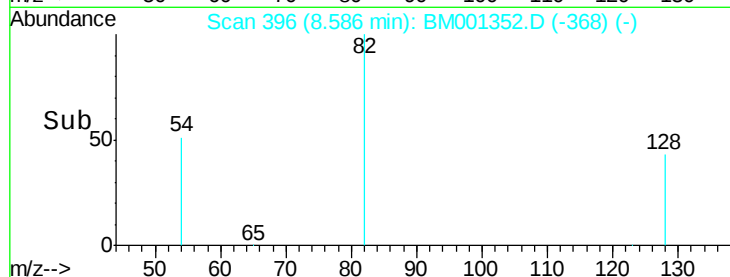
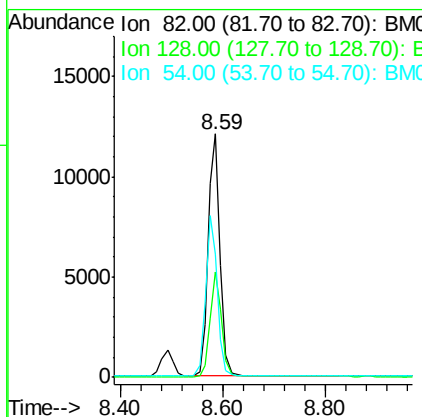
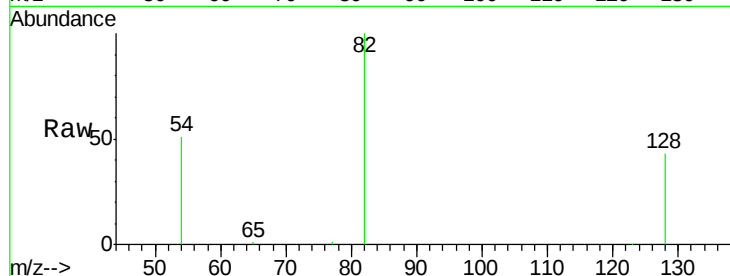
ClientSampleId :

SSTDIC005

Tot Ion:	82	Resp:	19904
Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.5	50.3
54	50.9	45.1	67.7

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#8

Nitrobenzene

Concen: 5.62 ng

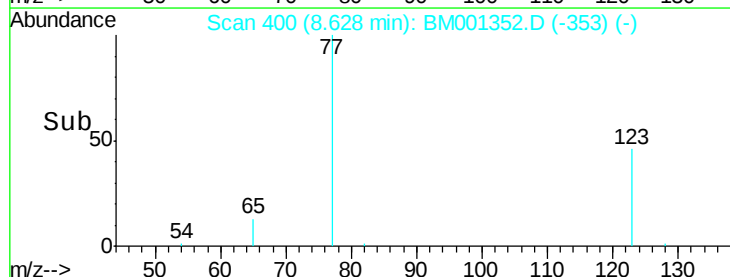
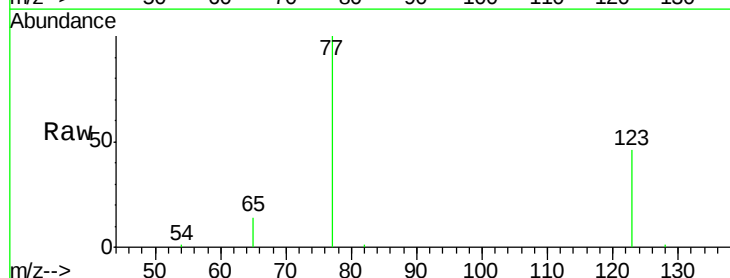
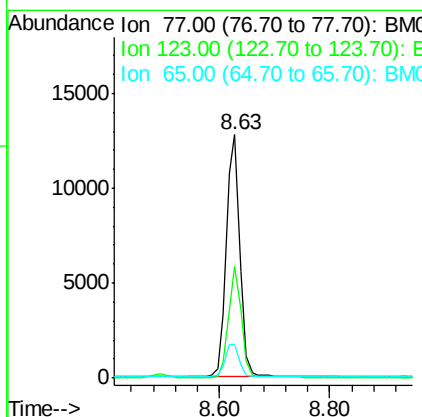
RT: 8.63 min Scan# 400

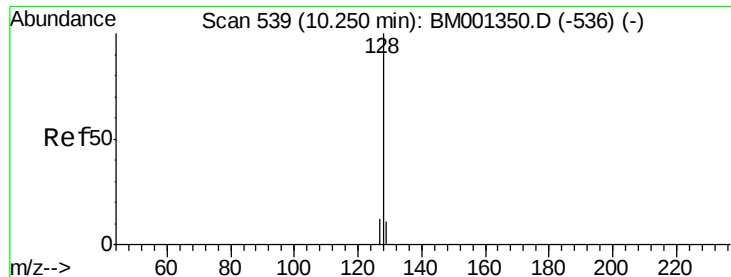
Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Tgt Ion:	77	Resp:	21506
Ion	Ratio	Lower	Upper
77	100		
123	43.5	33.6	50.4
65	14.4	11.3	16.9





#9

Naphthalene

Concen: 5.21 ng

RT: 10.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

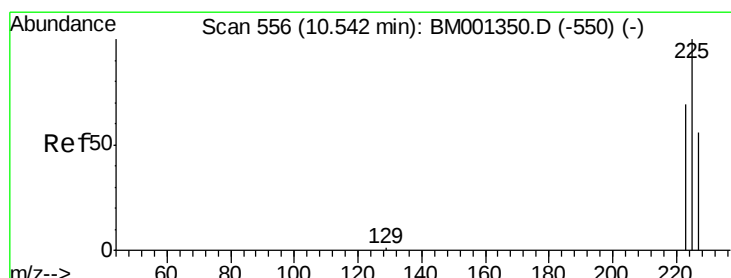
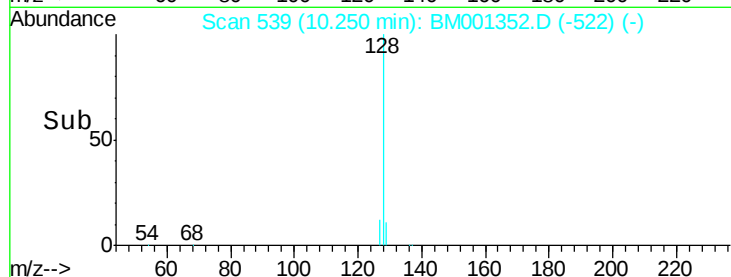
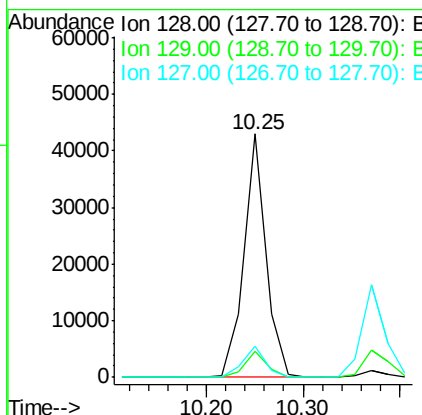
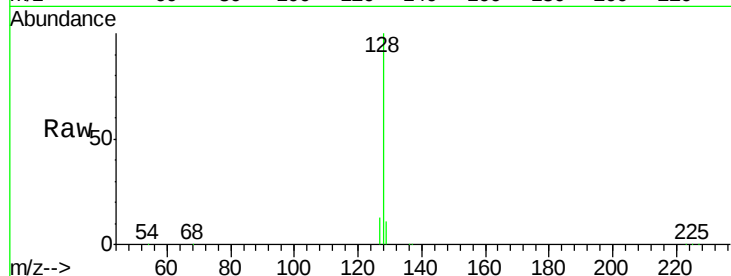
ClientSampleId :

SSTDIC005

Tot Ion:128	Resp:	67914
Ion Ratio	Lower	Upper
128 100		
129 10.9	9.1	13.7
127 12.6	10.4	15.6

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 5.12 ng

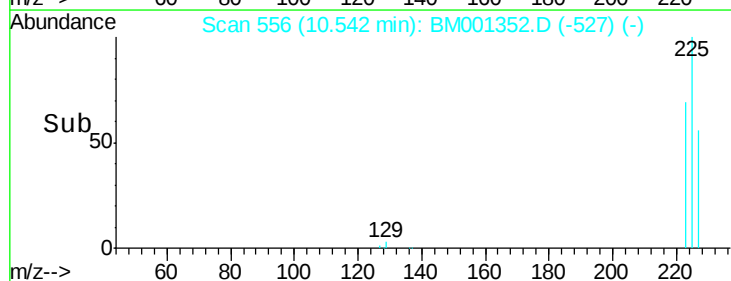
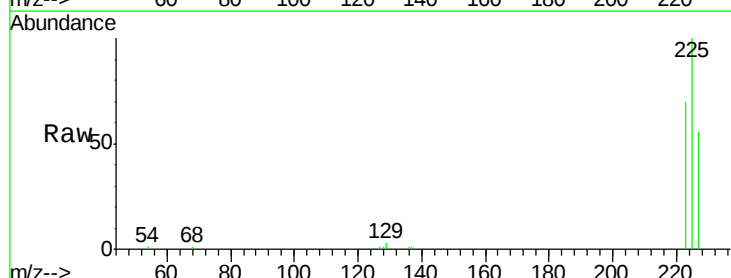
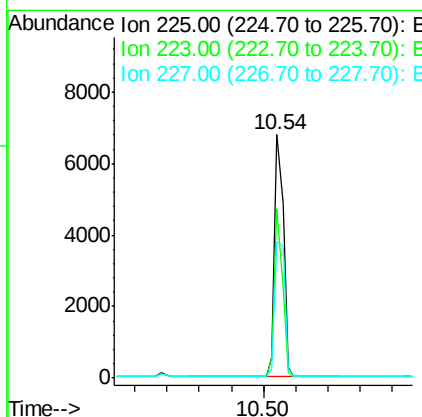
RT: 10.54 min Scan# 556

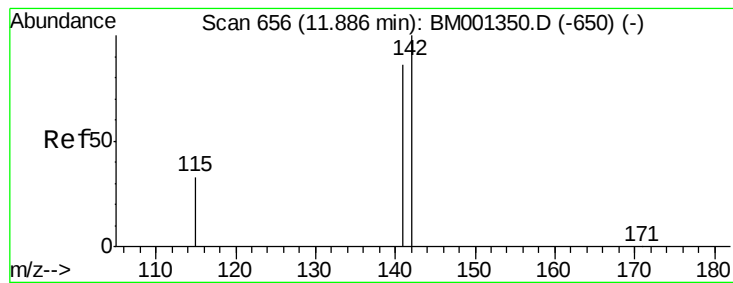
Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Tgt Ion:225	Resp:	12752
Ion Ratio	Lower	Upper
225 100		
223 62.9	50.3	75.5
227 63.8	50.6	75.8





#11

2-Methylnaphthalene

Concen: 5.34 ng

RT: 11.89 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

Tot Ion:142 Resp: 49376

Ion Ratio Lower Upper

142 100

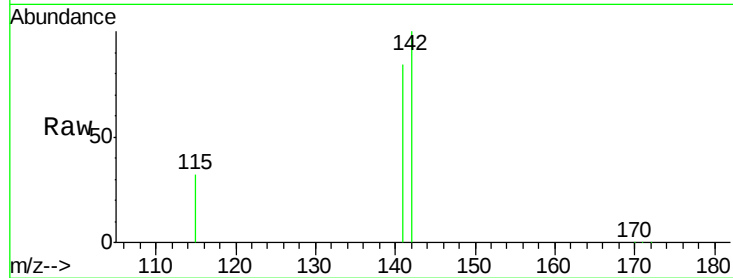
141 83.5 69.0 103.4

115 31.6 27.1 40.7

Manual Integrations
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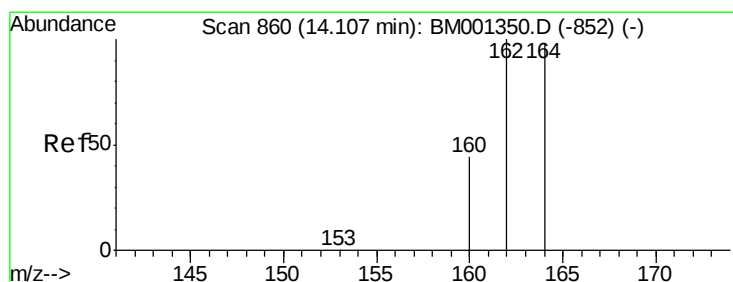
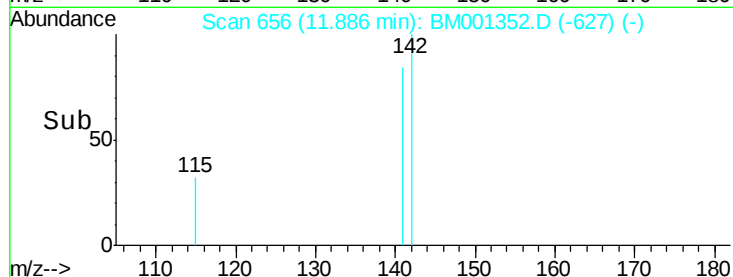
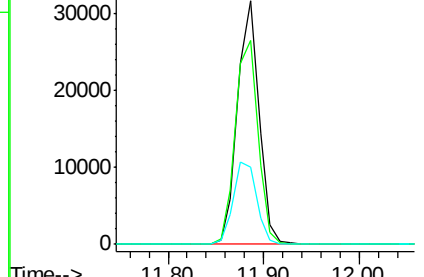
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

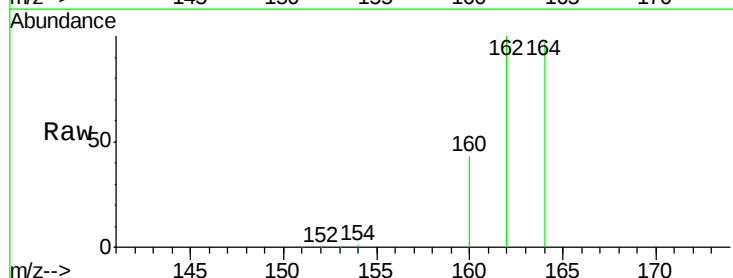
Tgt Ion:164 Resp: 39477

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

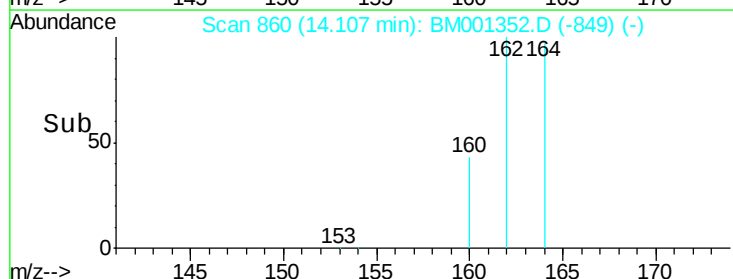
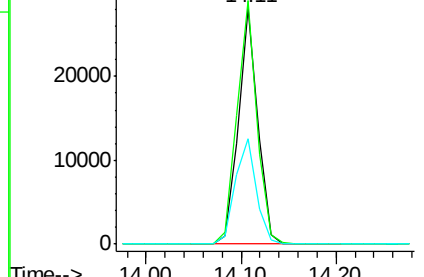
160 44.7 35.8 53.8

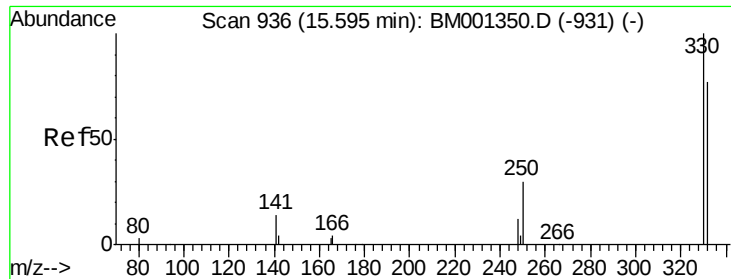


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





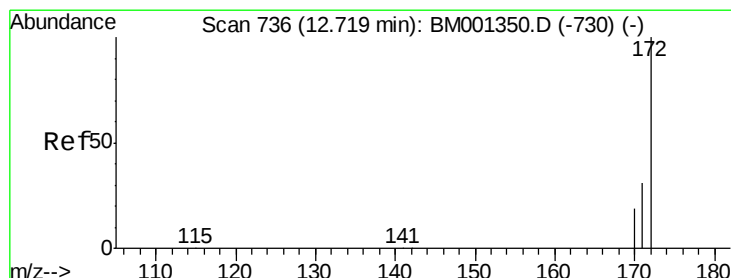
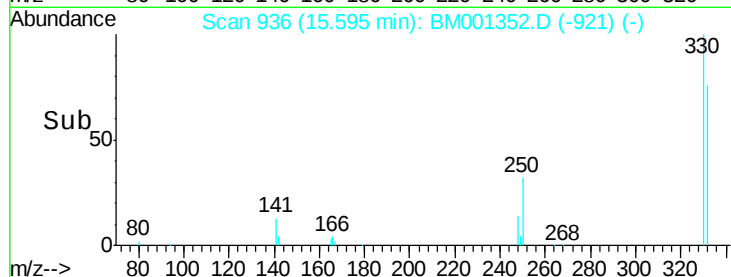
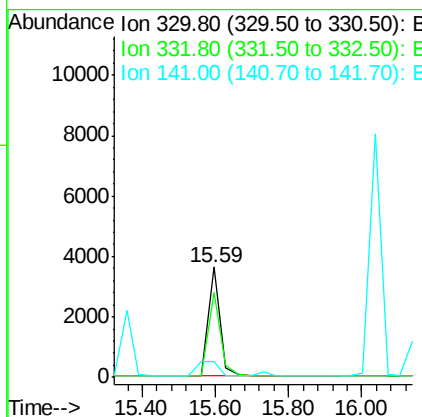
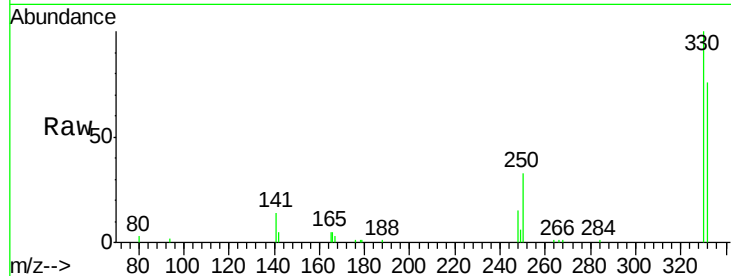
#13
 2,4,6-Tribromophenol
 Concen: 6.67 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tot Ion	Ratio	Lower	Upper
330	100		
332	80.6	65.4	98.2
141	24.3	20.2	30.4

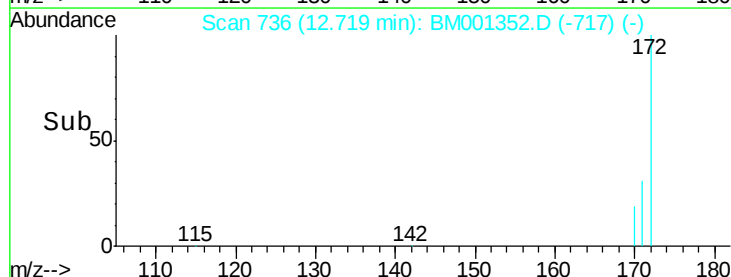
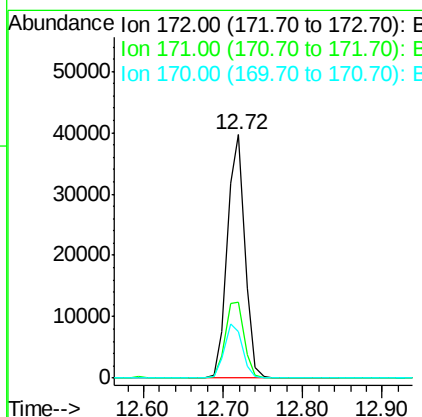
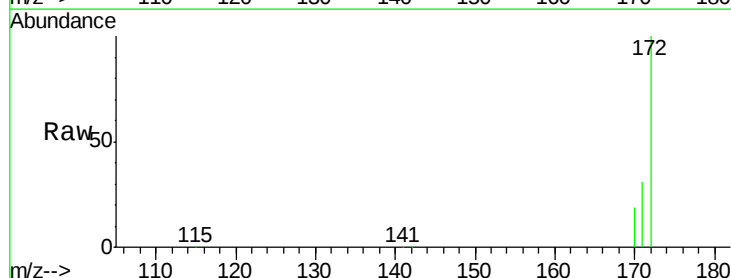
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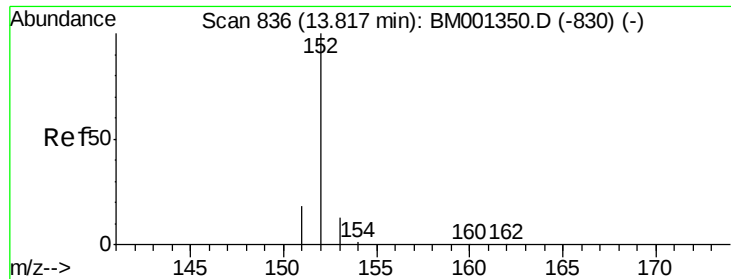
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#14
 2-Fluorobiphenyl
 Concen: 5.21 ng
 RT: 12.72 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.3	25.4	38.2
170	19.0	15.7	23.5





#15

Acenaphthylene

Concen: 5.49 ng

RT: 13.82 min Scan# 836

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

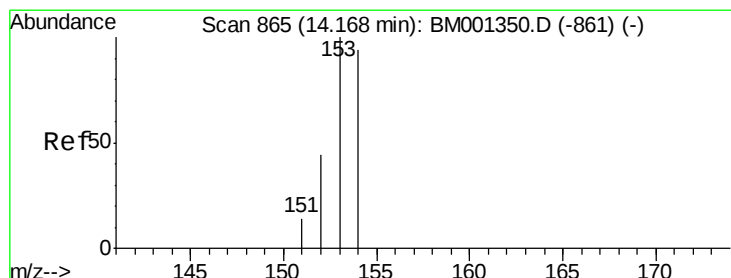
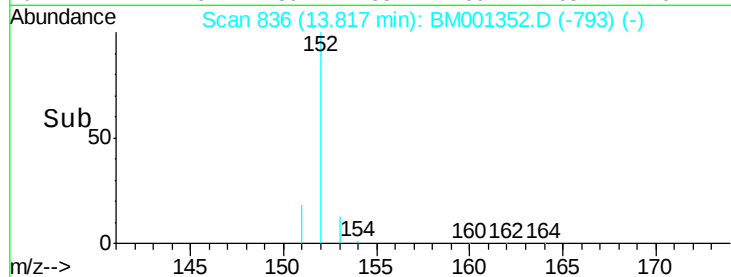
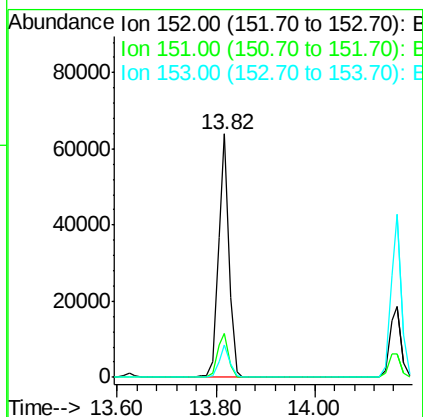
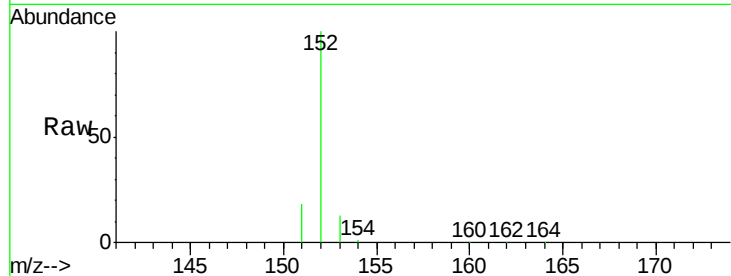
ClientSampleId :

SSTDIC005

Tot Ion:	152	Resp:	93350
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.3	22.9
153	13.0	10.3	15.5

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#16

Acenaphthene

Concen: 5.32 ng

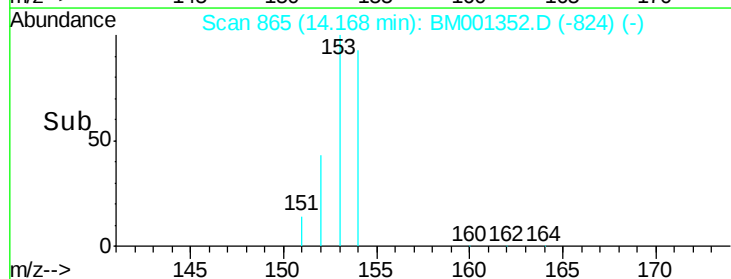
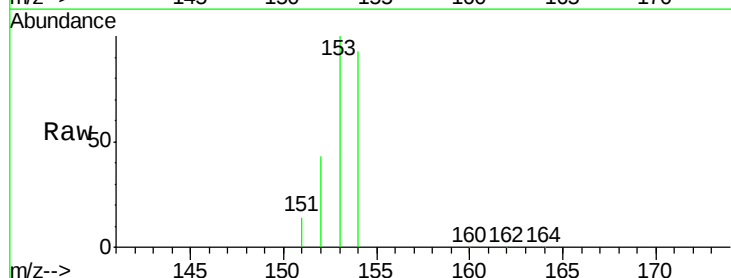
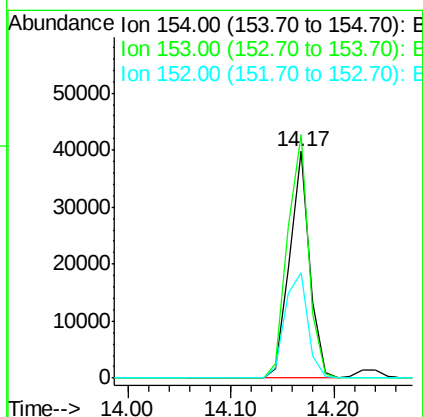
RT: 14.17 min Scan# 865

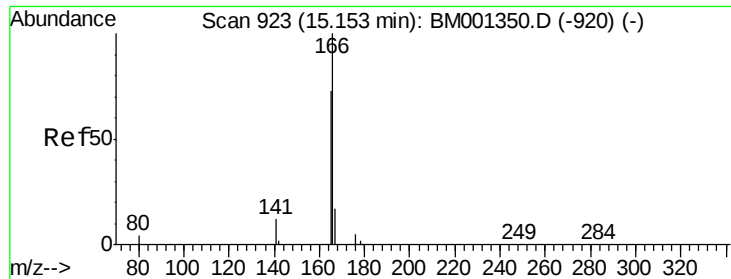
Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Tgt Ion:	154	Resp:	54100
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.6	135.8
152	53.1	43.6	65.4





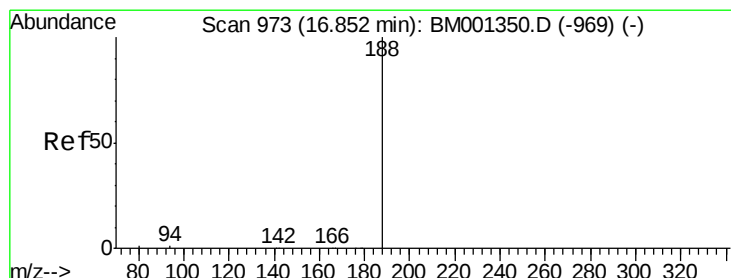
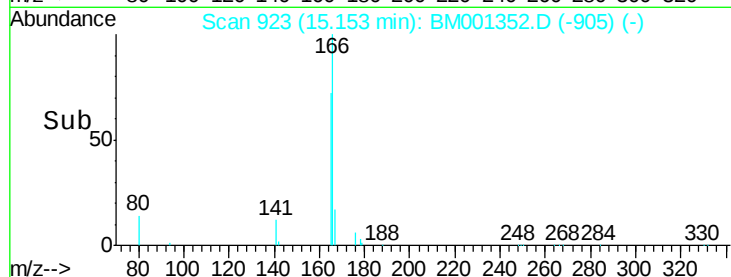
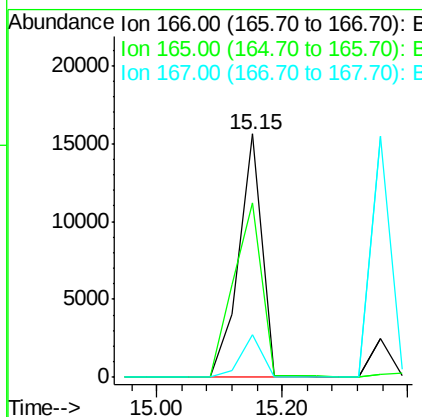
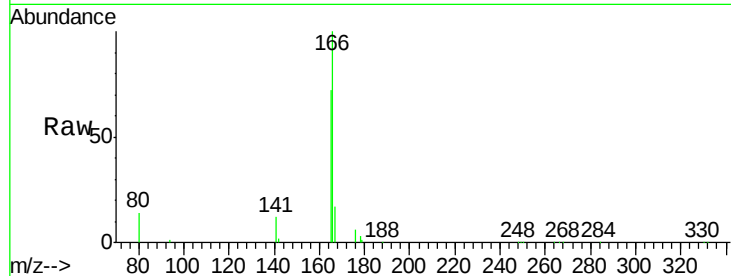
#17
Fluorene
 Concen: 4.06 ng
 RT: 15.15 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tot Ion	Ratio	Lower	Upper
166	100		
165	86.5	72.5	108.7
167	16.0	16.0	24.0

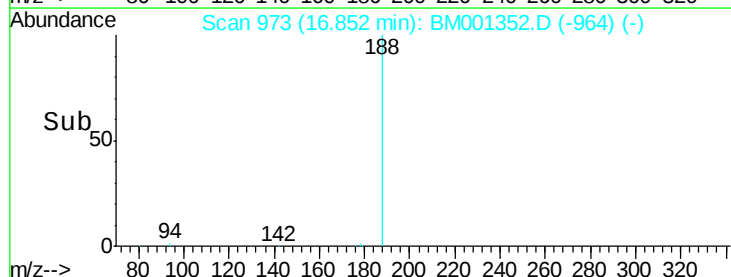
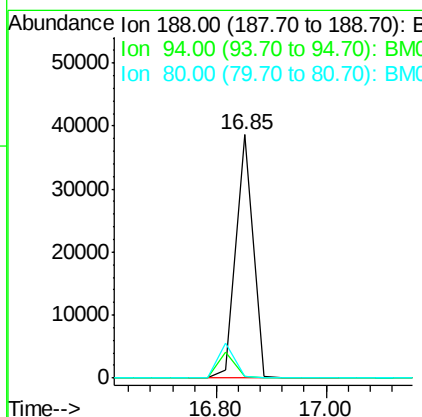
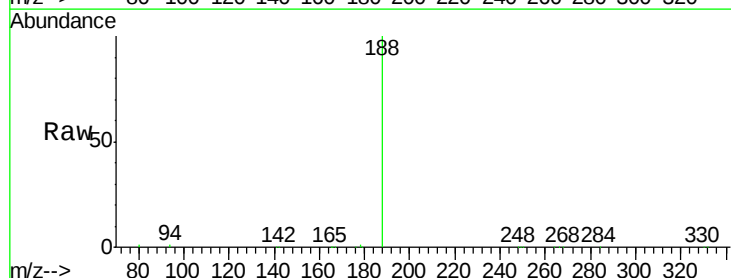
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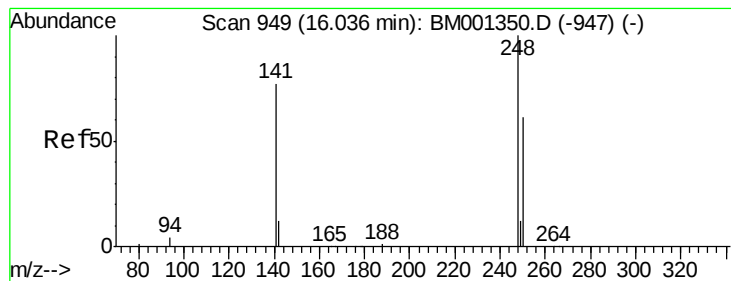
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#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.85 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.7	0.6	1.0
80	0.5	0.6	0.8#





#19

4-Bromophenyl-phenylether

Concen: 7.64 ng

RT: 16.04 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

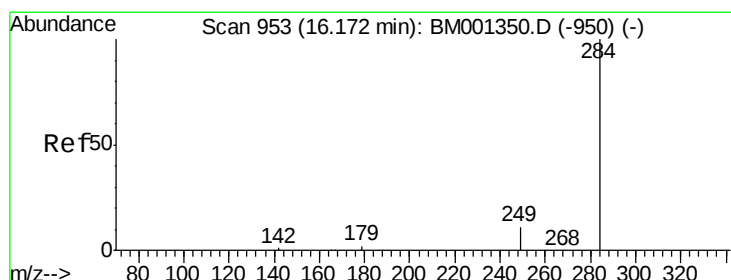
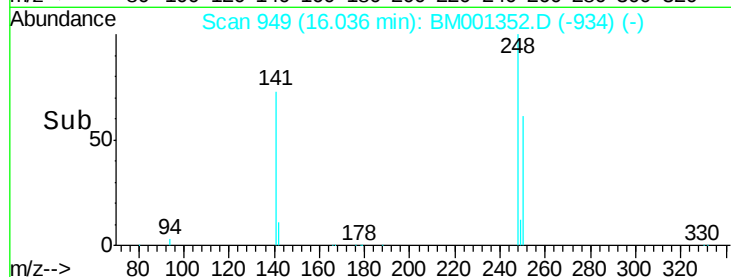
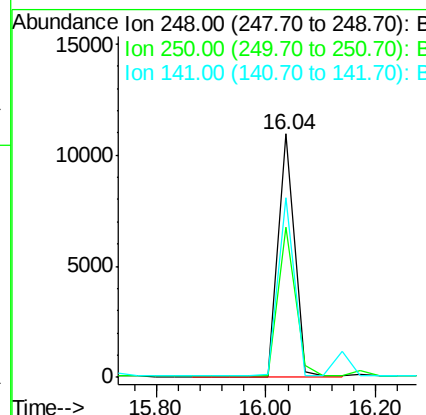
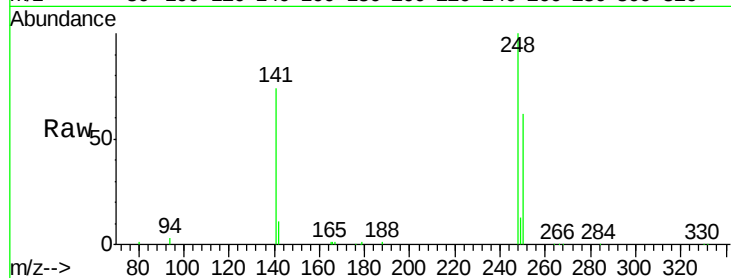
ClientSampleId :

SSTDICC005

Tot Ion:	248	Resp:	22795
Ion Ratio	Lower	Upper	
248	100		
250	64.8	51.5	77.3
141	72.6	59.0	88.6

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#20

Hexachlorobenzene

Concen: 5.93 ng

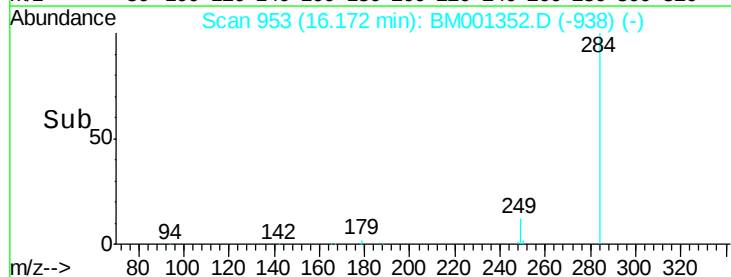
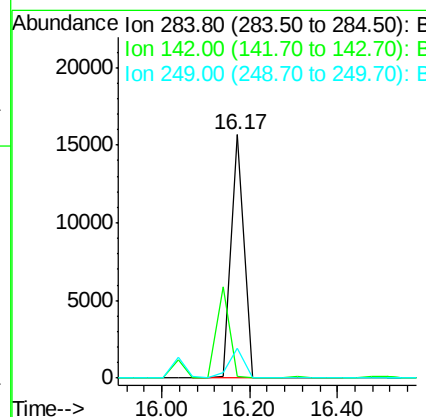
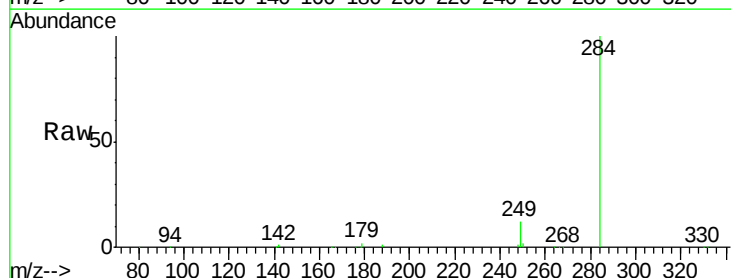
RT: 16.17 min Scan# 953

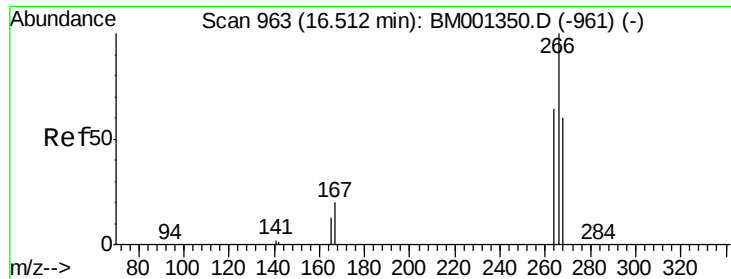
Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Tgt Ion:	284	Resp:	32039
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	14.3	11.1	16.7





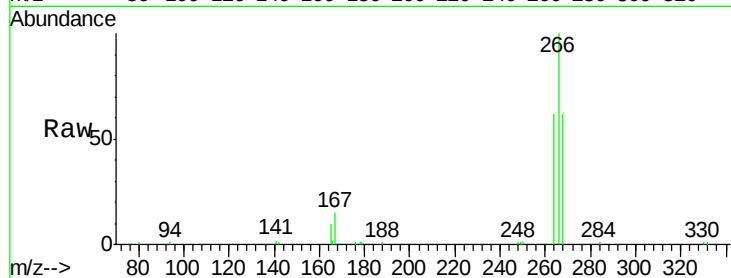
#21
 Pentachlorophenol
 Concen: 8.18 ng
 RT: 16.51 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

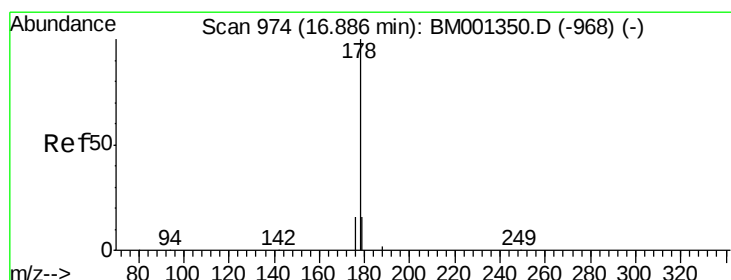
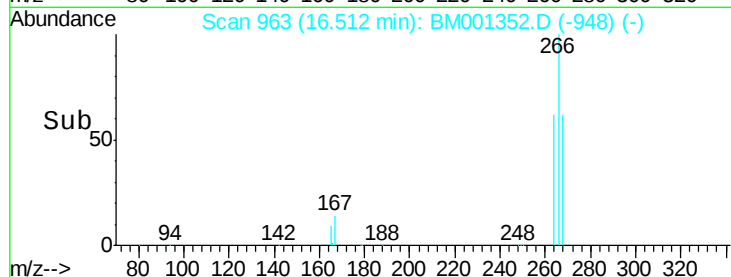
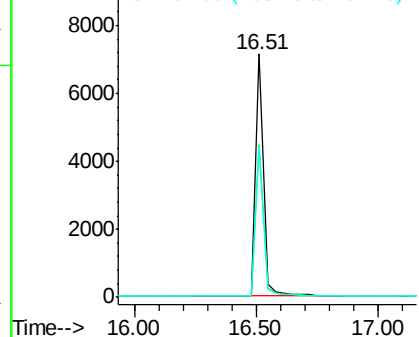
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.2	76.8
264	62.2	53.7	80.5

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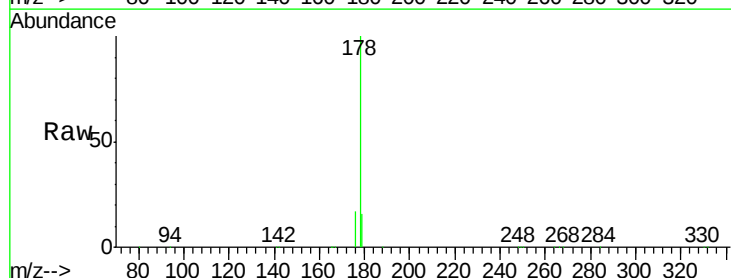


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

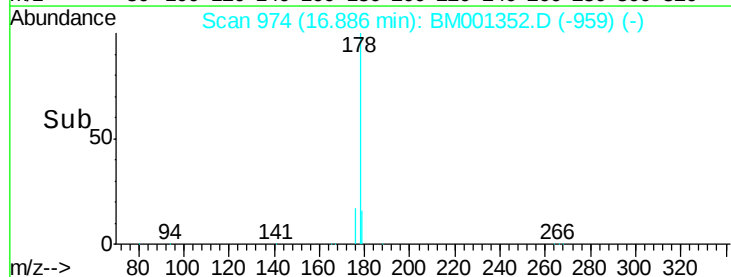
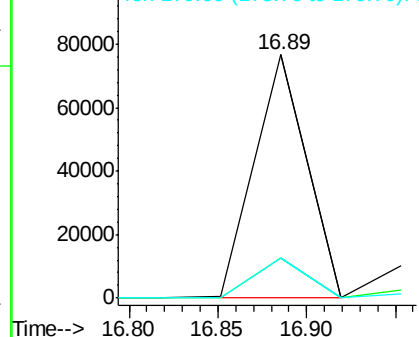


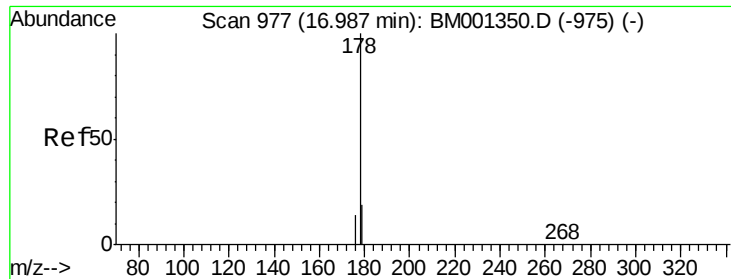
#22
 Phenanthrene
 Concen: 5.54 ng m
 RT: 16.89 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.1	16.6	25.0
179	17.7	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 5.46 ng/mL

RT: 16.99 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

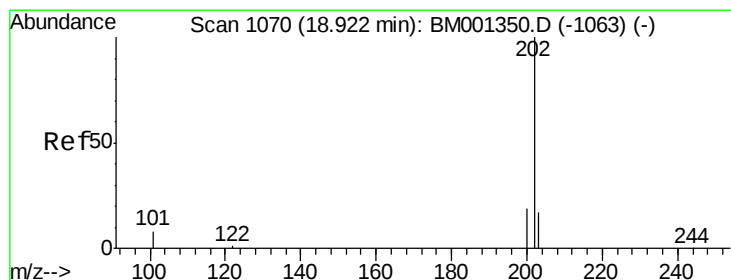
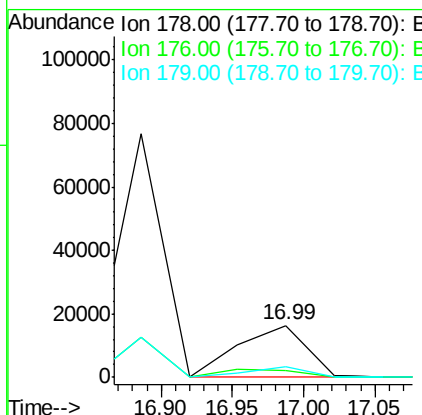
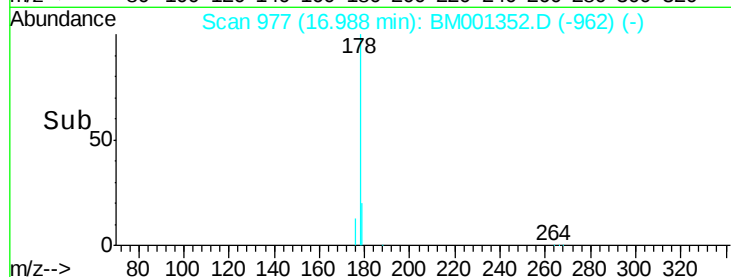
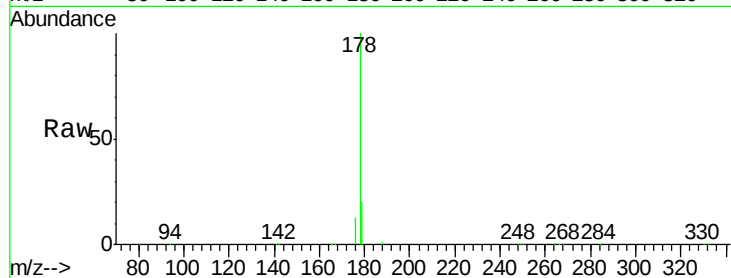
ClientSampleId :

SSTDIC005

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Tot Ion:	178	Resp:	55456
Ion Ratio	Lower	Upper	
178	100		
176	65.5	46.1	69.1
179	50.1	35.4	53.0



#24

Fluoranthene

Concen: 6.35 ng/mL

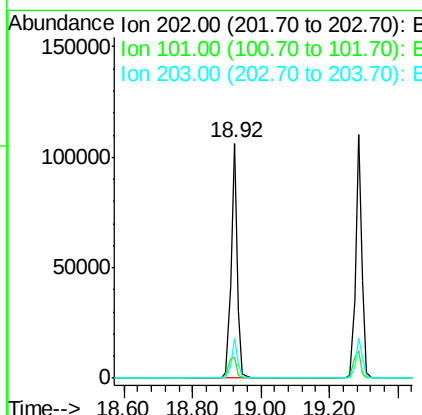
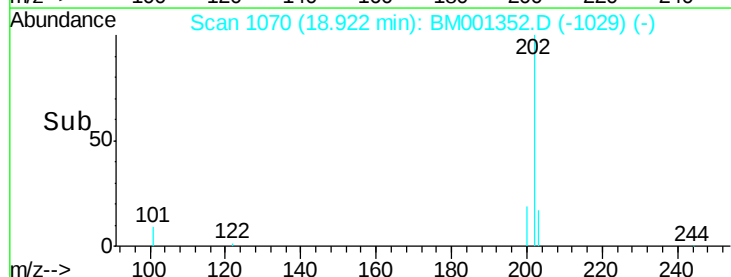
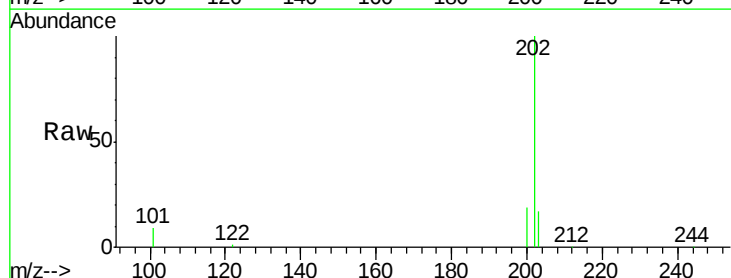
RT: 18.92 min Scan# 1070

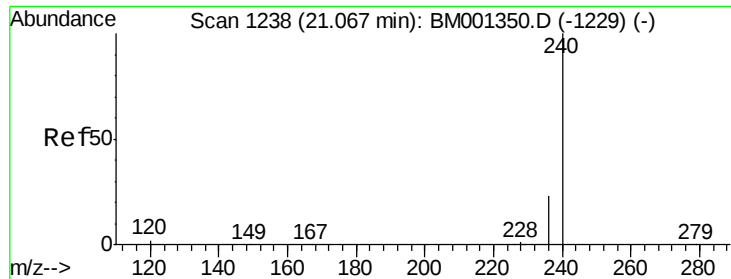
Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Tgt Ion:	202	Resp:	134036
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.7	13.1
203	17.2	13.8	20.6





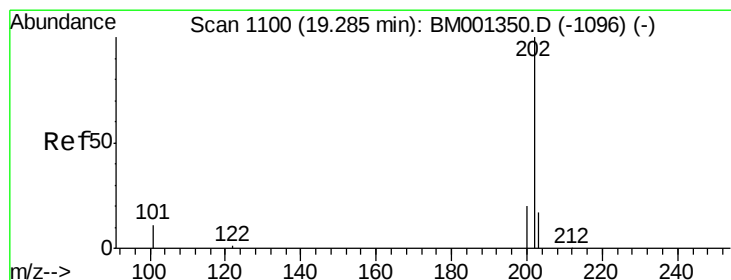
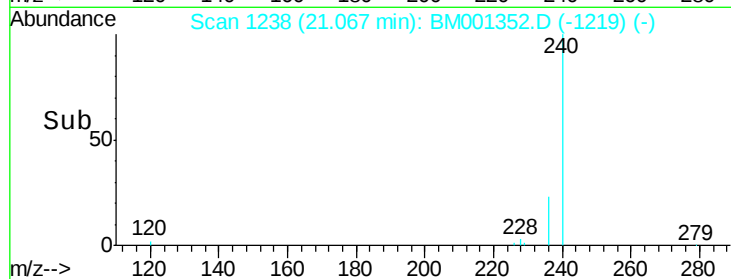
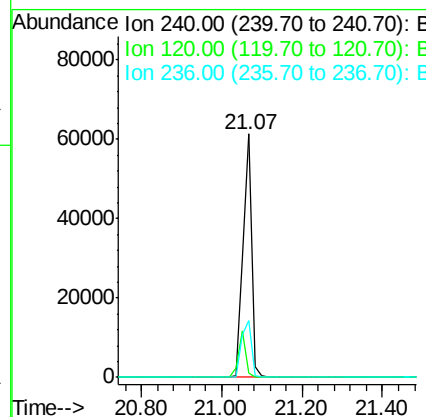
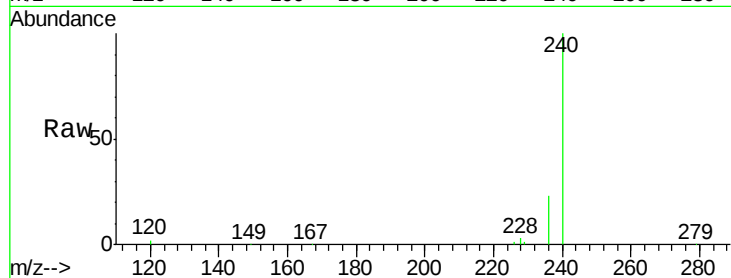
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.9	1.6	2.4
236	23.4	18.5	27.7

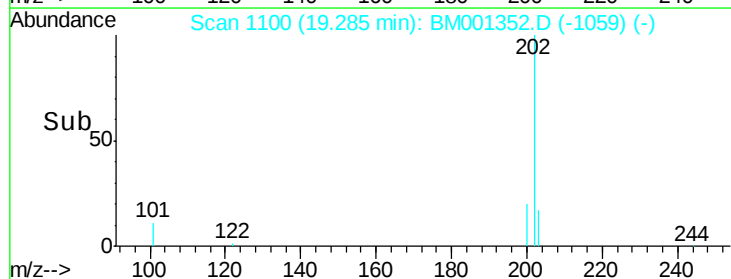
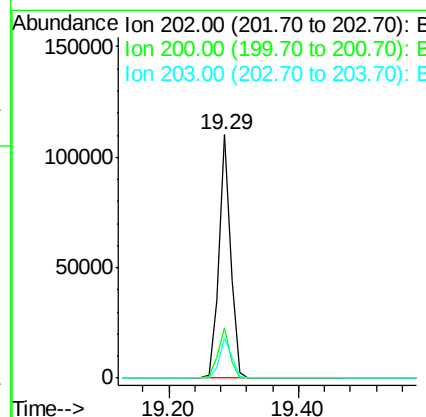
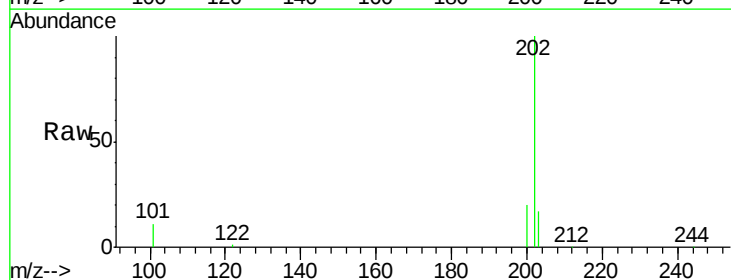
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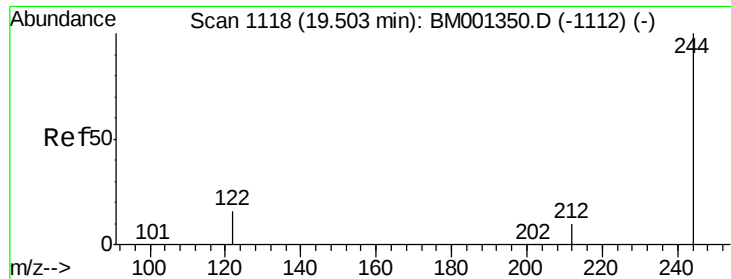
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#26
Pyrene
Concen: 5.42 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.3	13.9	20.9





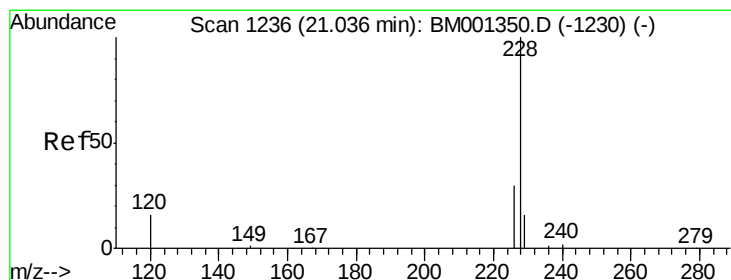
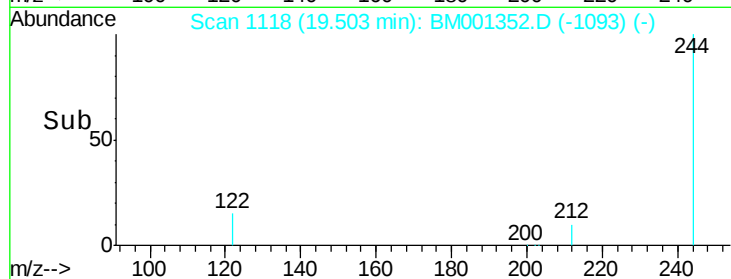
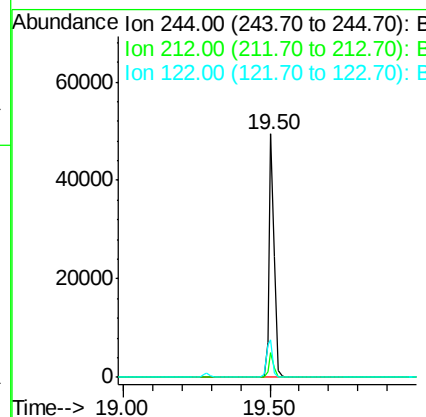
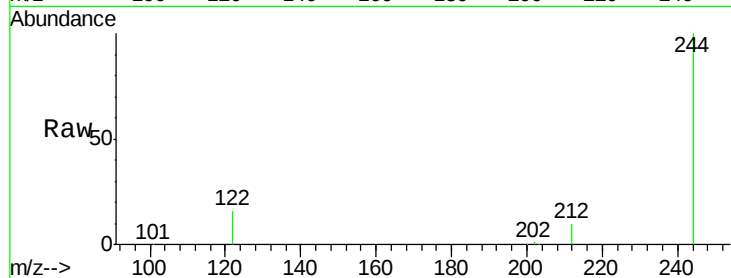
#27
 Terphenyl-d14
 Concen: 5.34 ng
 RT: 19.50 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.5	12.7
122	15.5	13.4	20.2

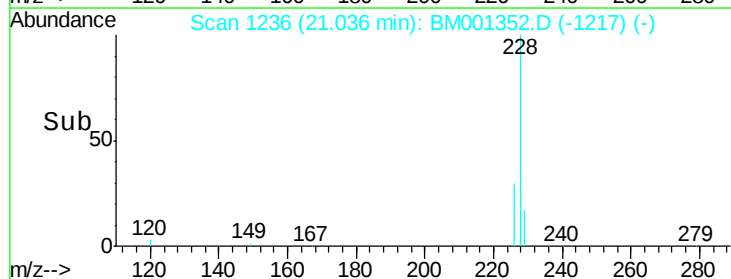
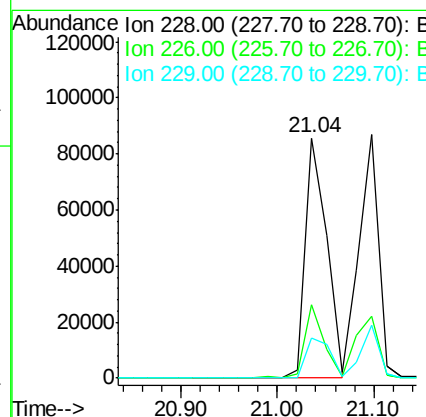
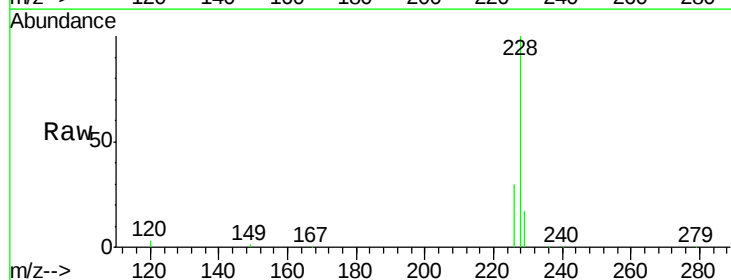
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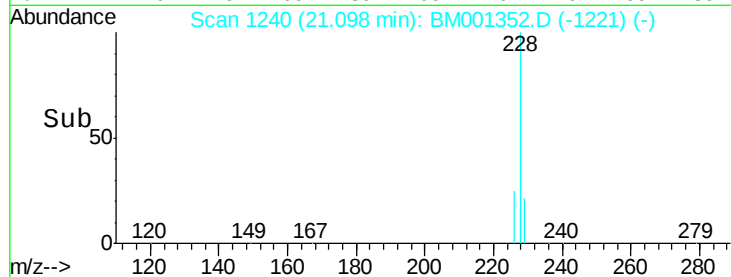
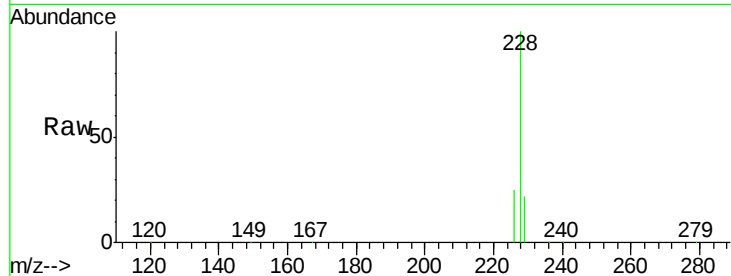
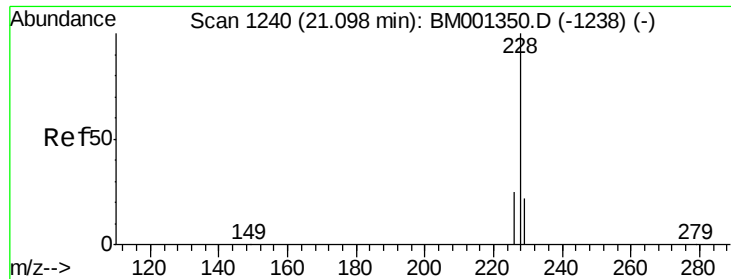
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#28
 Benzo(a)anthracene
 Concen: 5.43 ng
 RT: 21.04 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	16.6	13.3	19.9





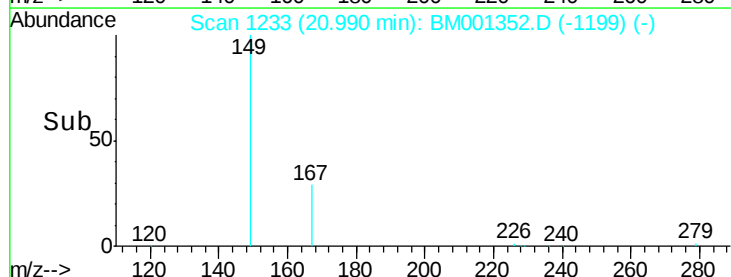
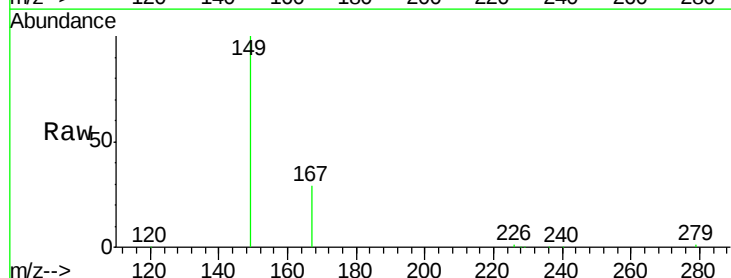
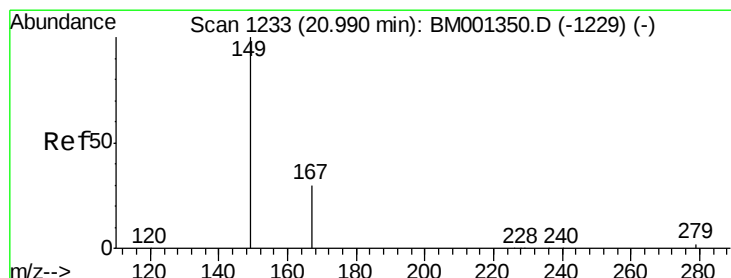
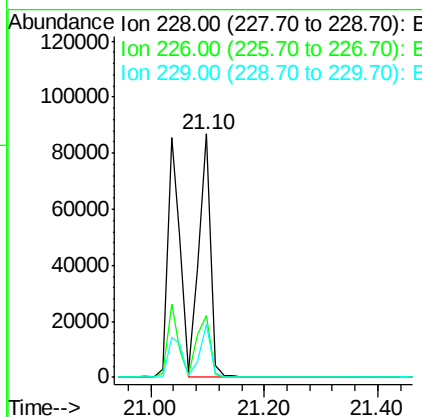
#29
 Chrysene
 Concen: 5.26 ng
 RT: 21.10 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Tot Ion:	228	Resp:	122091
Ion Ratio	Lower	Upper	
228	100		
226	25.4	20.0	30.0
229	21.5	17.6	26.4

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

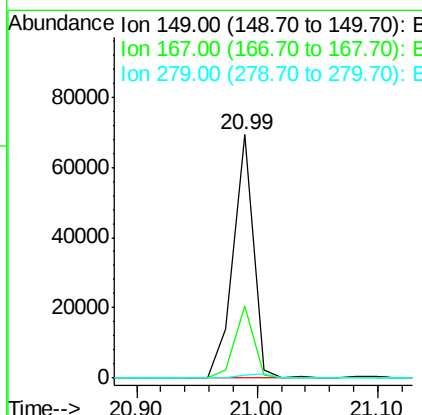
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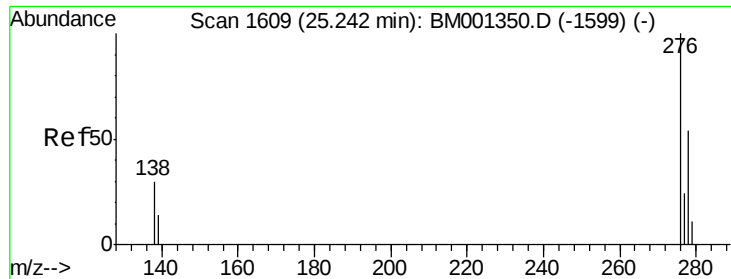
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#30
 Bis(2-ethylhexyl)phthalate
 Concen: 5.86 ng
 RT: 20.99 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Tgt Ion:	149	Resp:	79836
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.6	32.4
279	2.3	1.9	2.9





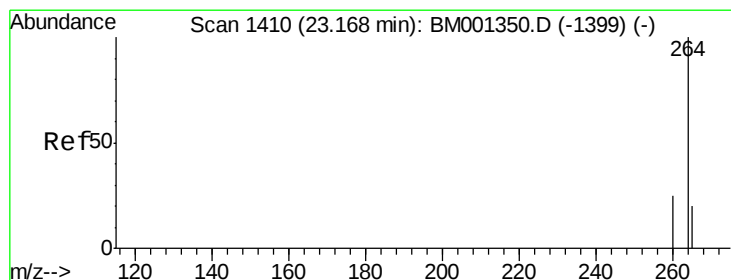
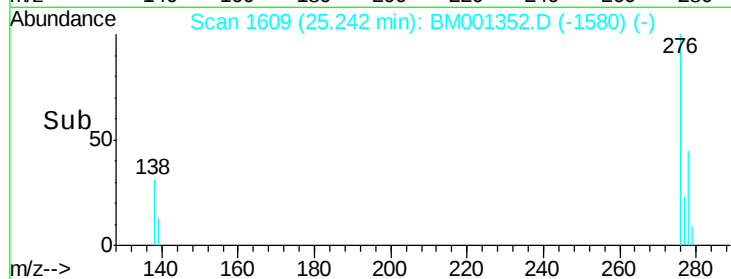
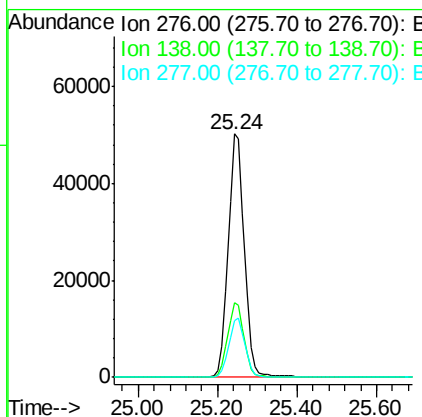
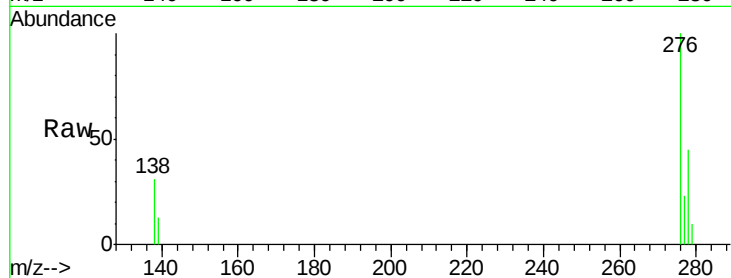
#31
Indeno(1,2,3-cd)pyrene
Concen: 5.41 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	24.2	36.4
277	24.5	19.7	29.5

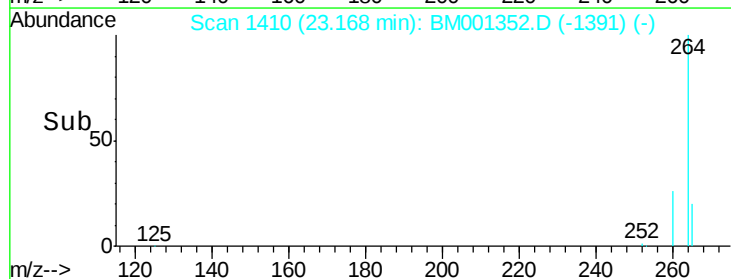
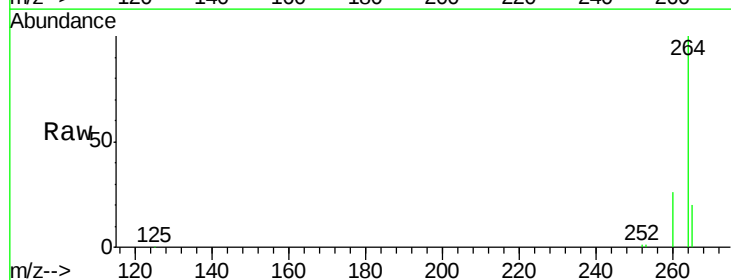
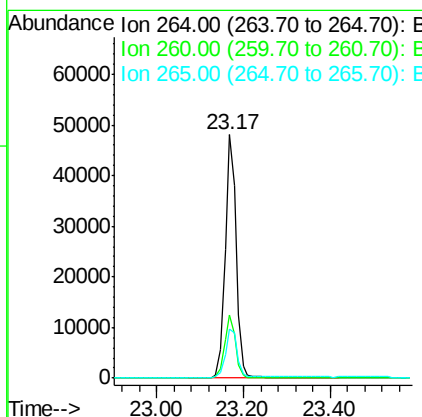
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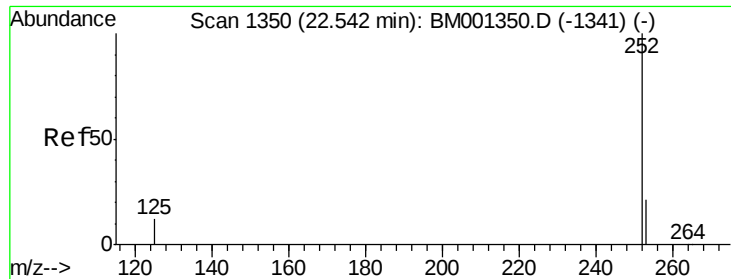
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#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.4	30.6
265	20.4	16.6	24.8





#33

Benzo(b)fluoranthene

Concen: 5.42 ng

RT: 22.54 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Instrument :

BNA_M

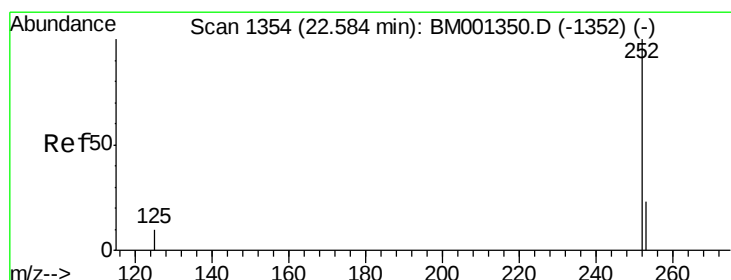
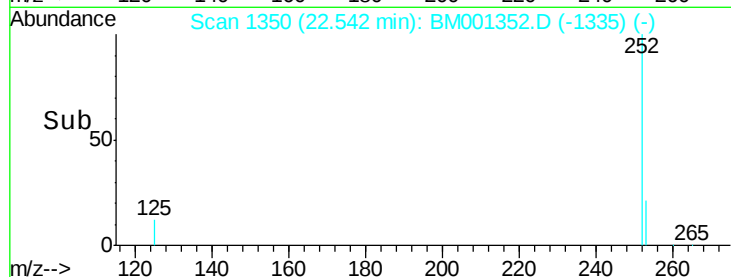
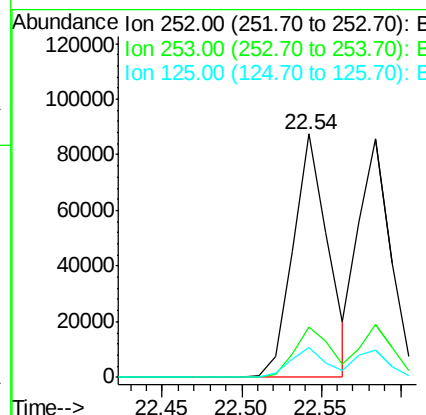
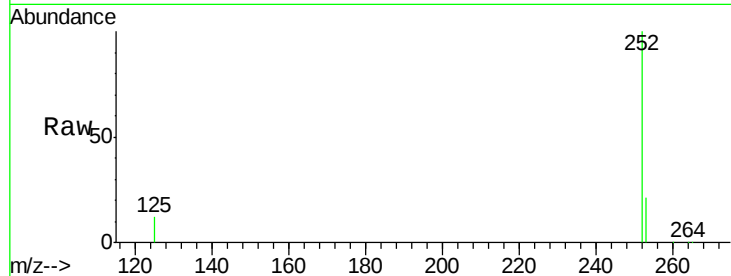
ClientSampleId :

SSTDIC005

Tot Ion:	252	Resp:	132872
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.9	26.9
125	12.1	9.8	14.8

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#34

Benzo(k)fluoranthene

Concen: 5.19 ng

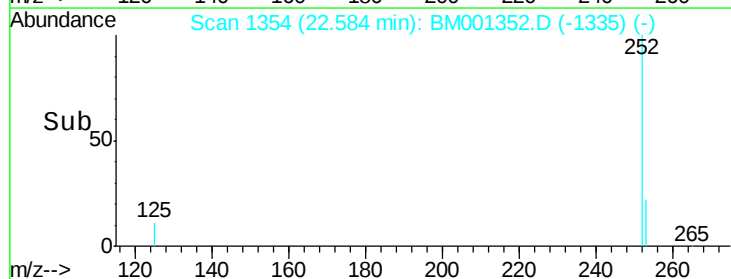
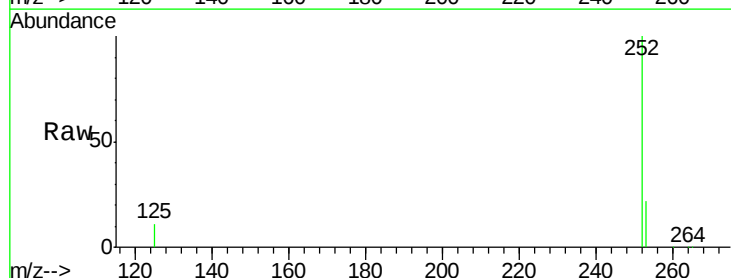
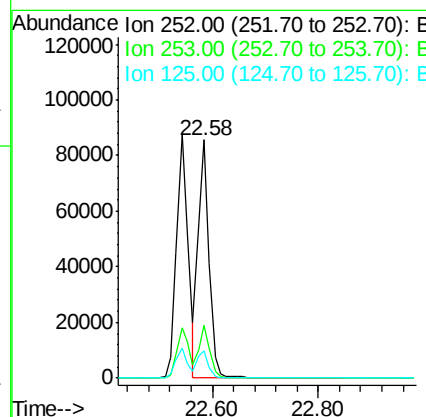
RT: 22.58 min Scan# 1354

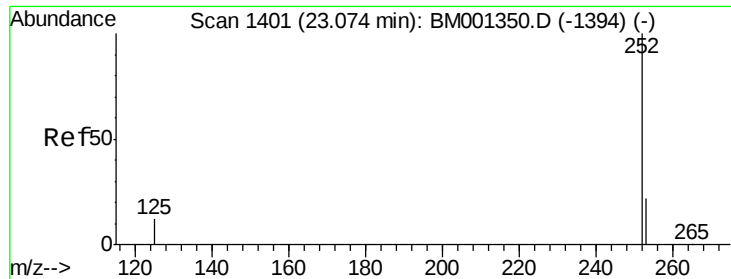
Delta R.T. 0.00 min

Lab File: BM001352.D

Acq: 21 May 2015 09:12

Tgt Ion:	252	Resp:	121739
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.6	28.0
125	11.4	9.3	13.9





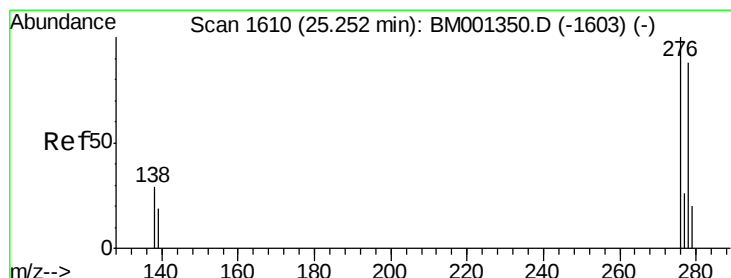
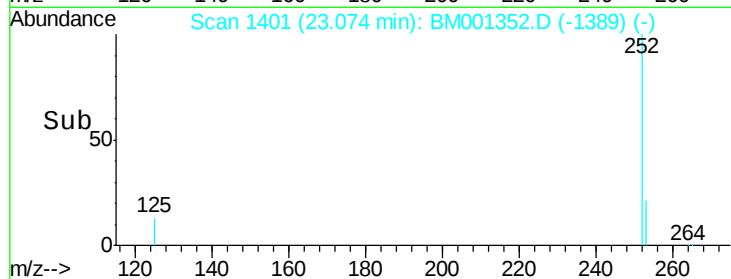
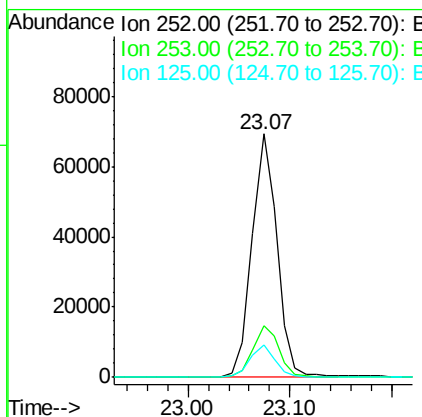
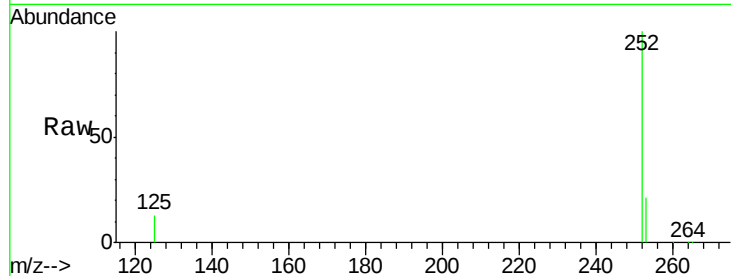
#35
Benzo(a)pyrene
Concen: 5.40 ng
RT: 23.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
252	100	117895		
253	21.1	18.9	28.3	
125	13.4	10.6	15.8	

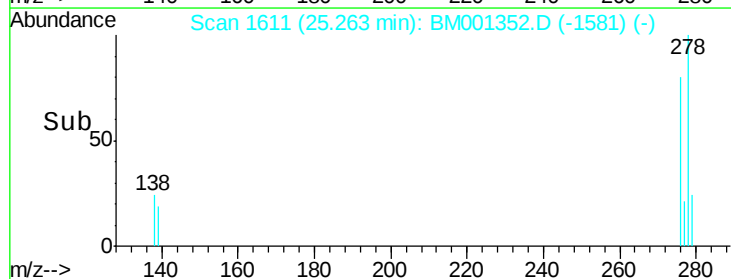
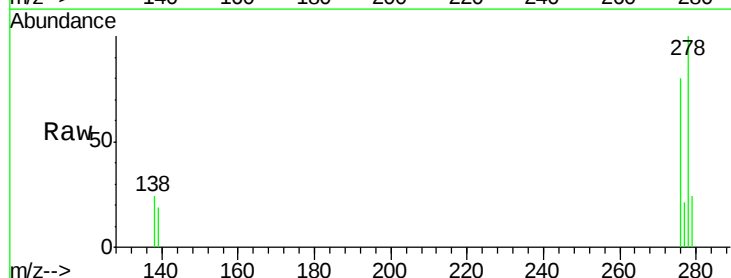
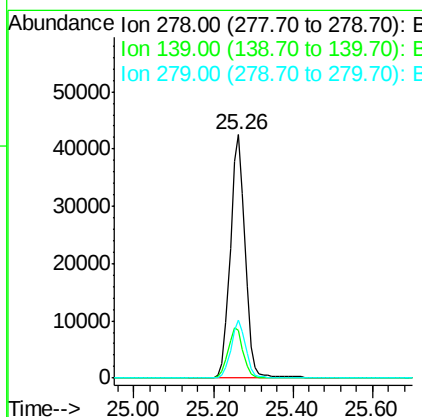
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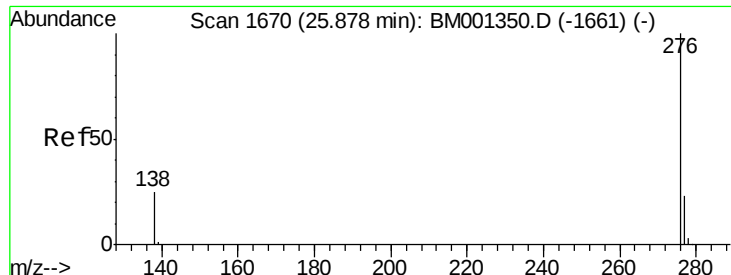
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#36
Dibenzo(a,h)anthracene
Concen: 5.34 ng
RT: 25.26 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM001352.D
Acq: 21 May 2015 09:12

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	109413		
139	19.4	17.5	26.3	
279	23.7	18.7	28.1	





#37
 Benzo(a,h,i)perylene
 Concen: 5.27 ng
 RT: 25.88 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM001352.D
 Acq: 21 May 2015 09:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	26.4	20.2	30.4

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