

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
 Data File : BM002922.D
 Acq On : 15 Oct 2015 19:57
 Operator : UM/IZ
 Sample : G4018-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-102

Manual Integrations
 APPROVED

MMdadoda
 10/16/2015 3:58:37 PM

Quant Time: Oct 16 07:24:03 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 06:59:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	88258	5.00	ng	0.00
7) Naphthalene-d8	11.51	136	368339	5.00	ng	0.00
13) Acenaphthene-d10	15.23	164	186037	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	474865	5.00	ng	-0.01
26) Chrysene-d12	22.03	240	400438	5.00	ng	-0.01
35) Perylene-d12	24.60	264	339679	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	6.12	112	43407	2.63	ng	-0.03
5) Phenol-d6	7.79	99	35236	1.67	ng	-0.02
8) Nitrobenzene-d5	9.86	82	62959	3.57	ng	0.00
14) 2,4,6-Tribromophenol	16.71	330	61430	8.43	ng	0.00
15) 2-Fluorobiphenyl	13.87	172	236688	3.97	ng	0.00
29) Terphenyl-d14	20.48	244	267523	4.46	ng	-0.01
Target Compounds						
10) Naphthalene	11.56	128	2083	0.03	ng	# 83
23) Phenanthrene	18.00	178	3315	0.03	ng	# 85
30) Benzo(a)anthracene	22.03	228	2655m	0.02	ng	
33) Bis(2-ethylhexyl)phthalate	21.85	149	14634	0.45	ng	# 94

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

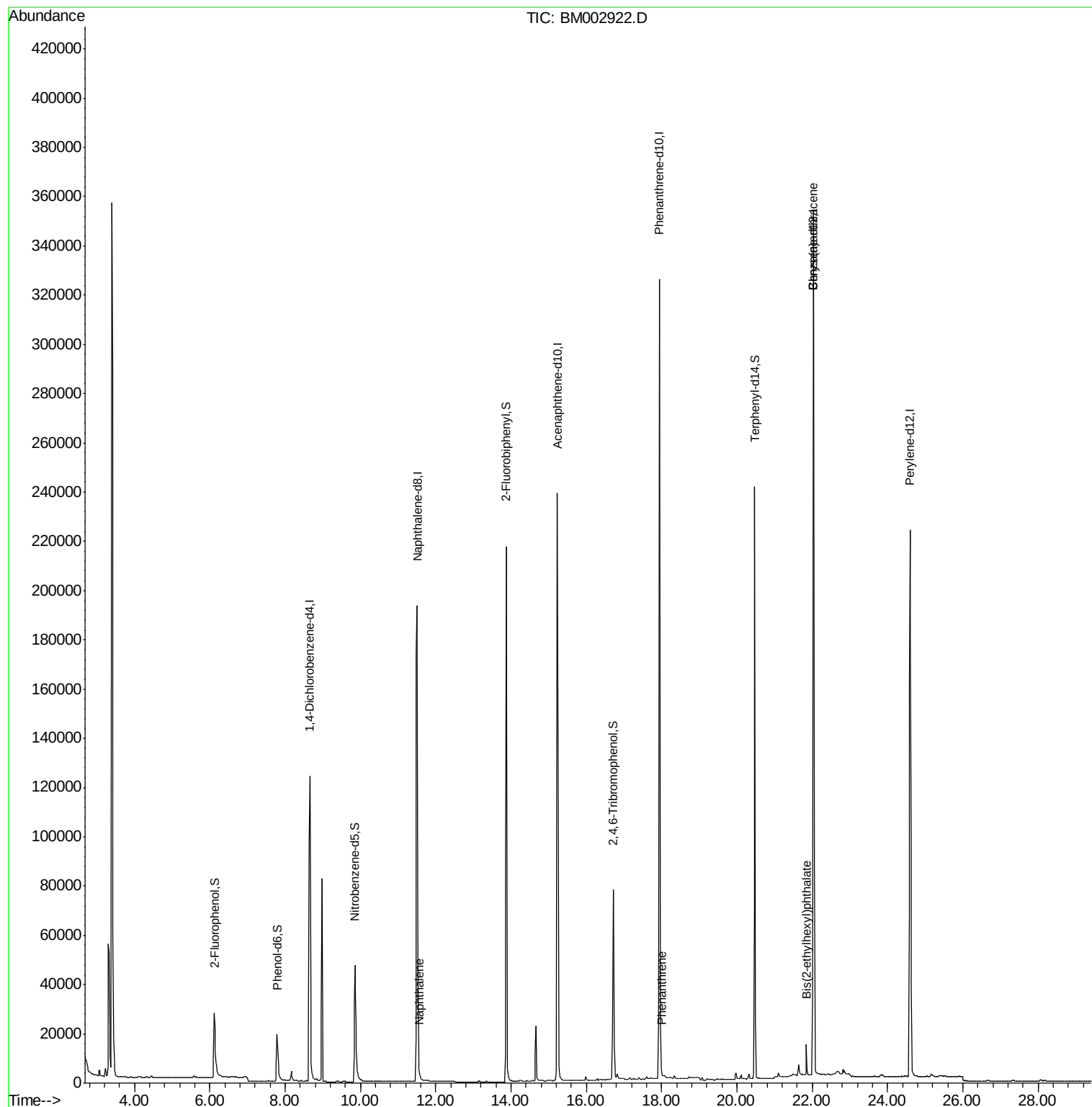
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002922.D
Acq On : 15 Oct 2015 19:57
Operator : UM/IZ
Sample : G4018-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

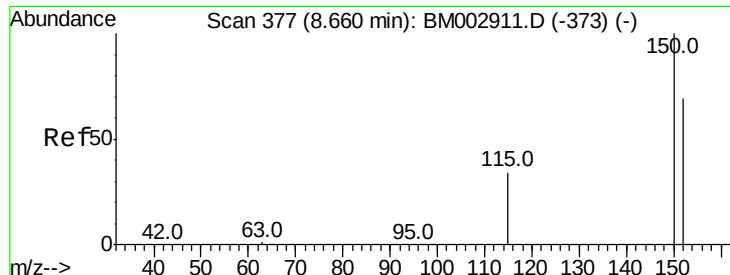
Instrument :
BNA_M
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RAV-GT-102

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM002922.D

Acq: 15 Oct 2015 19:57

Instrument :

BNA_M

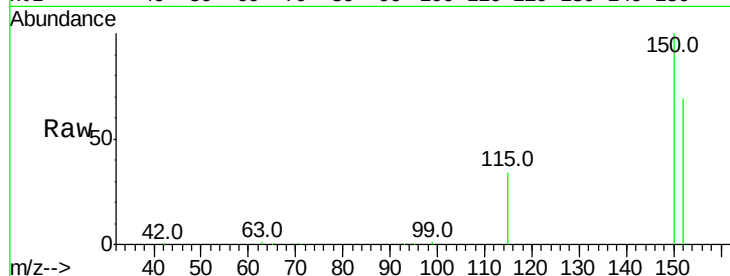
ClientSampleId :

RAV-GT-102

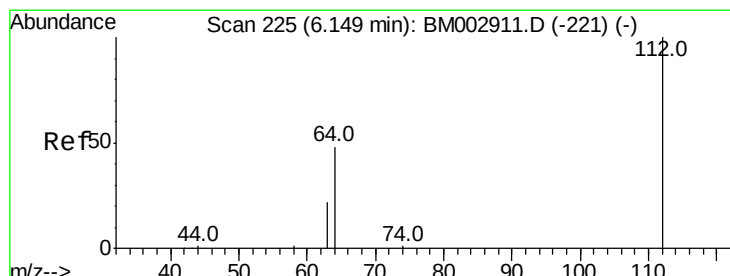
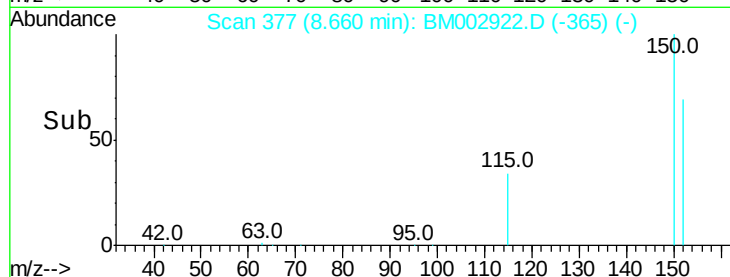
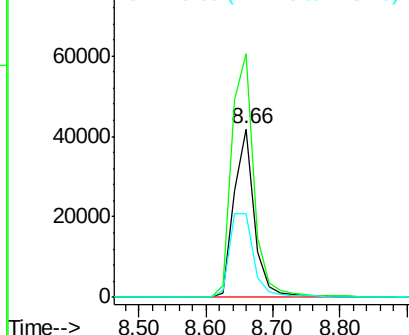
Tot Ion:	152	Resp:	88258
Ion	Ratio	Lower	Upper
152	100		
150	144.5	113.0	169.6
115	49.3	37.9	56.9

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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: 2.63 ng

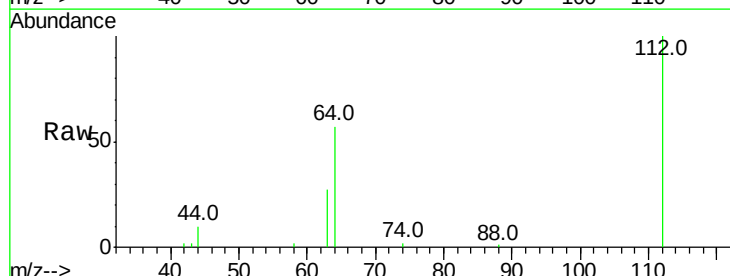
RT: 6.12 min Scan# 223

Delta R.T. -0.03 min

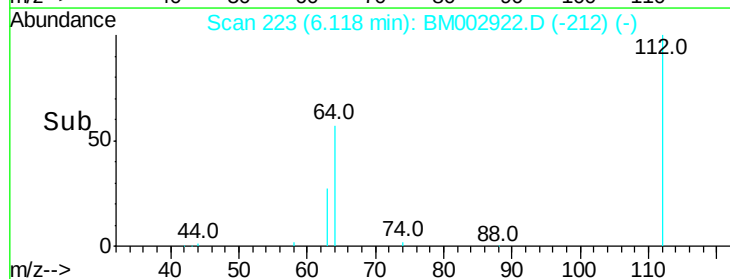
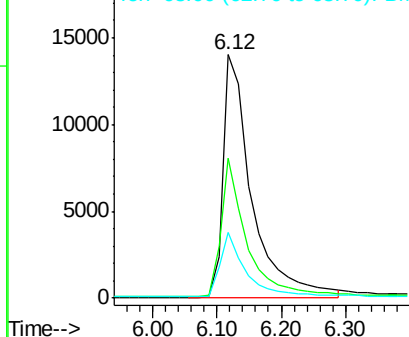
Lab File: BM002922.D

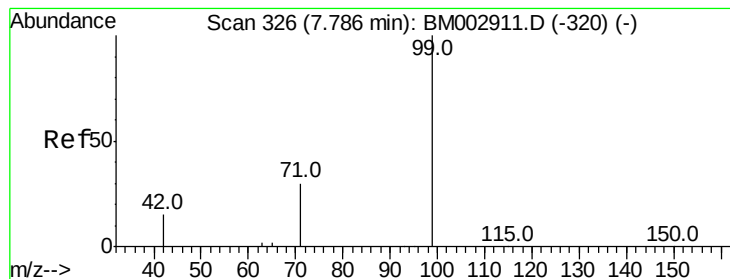
Acq: 15 Oct 2015 19:57

Tgt Ion:	112	Resp:	43407
Ion	Ratio	Lower	Upper
112	100		
64	51.8	42.0	63.0
63	24.4	20.0	30.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.67 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.02 min

Lab File: BM002922.D

Acq: 15 Oct 2015 19:57

Instrument :

BNA_M

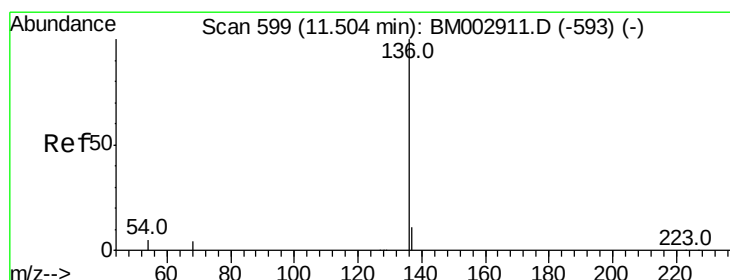
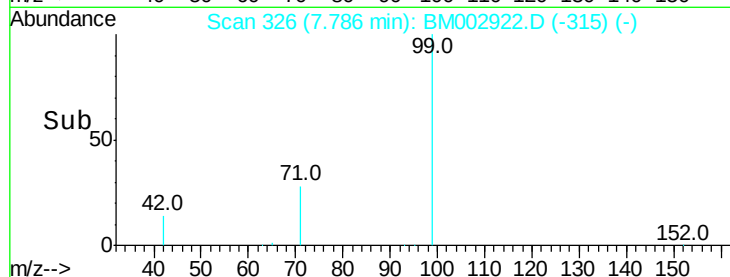
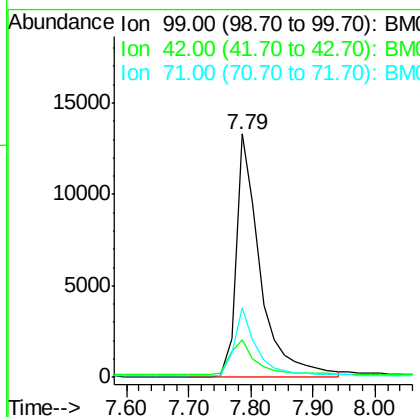
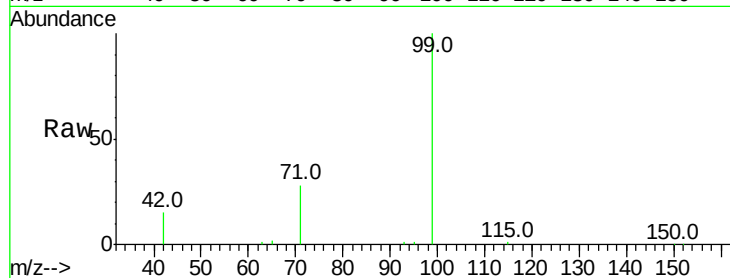
ClientSampleId :

RAV-GT-102

Tot Ion:	99	Resp:	35236
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.4	18.6
71	26.8	21.4	32.0

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#7

Naphthalene-d8

Concen: 5.00 ng

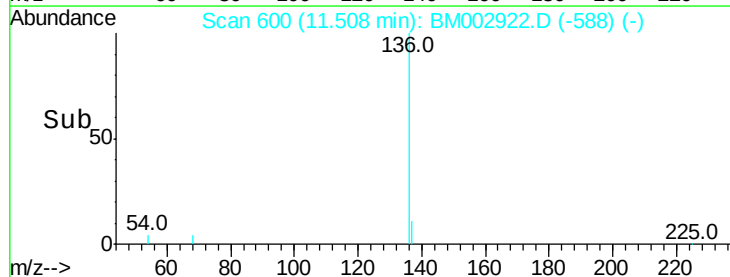
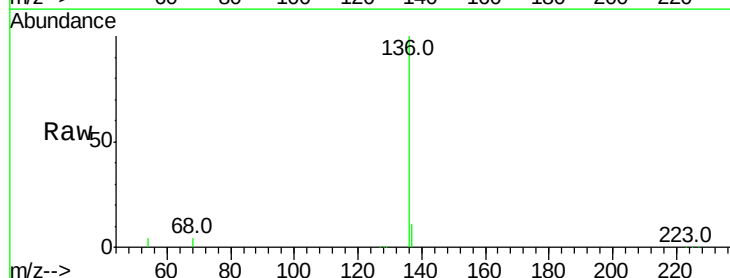
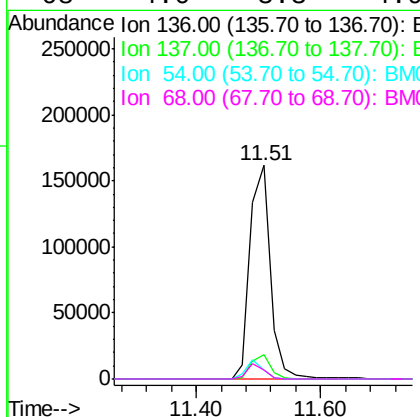
RT: 11.51 min Scan# 600

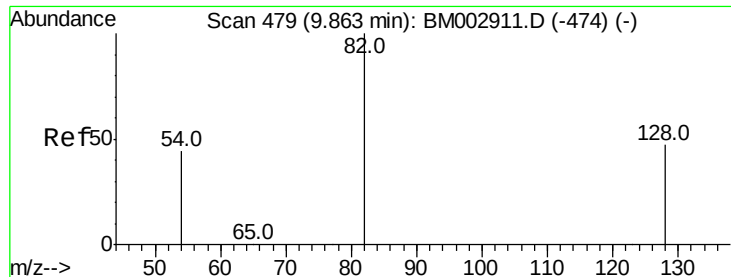
Delta R.T. 0.00 min

Lab File: BM002922.D

Acq: 15 Oct 2015 19:57

Tgt Ion:	136	Resp:	368339
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	4.2	3.5	5.3
68	4.0	3.3	4.9





#8

Nitrobenzene-d5

Concen: 3.57 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.01 min

Lab File: BM002922.D

Acq: 15 Oct 2015 19:57

Instrument :

BNA_M

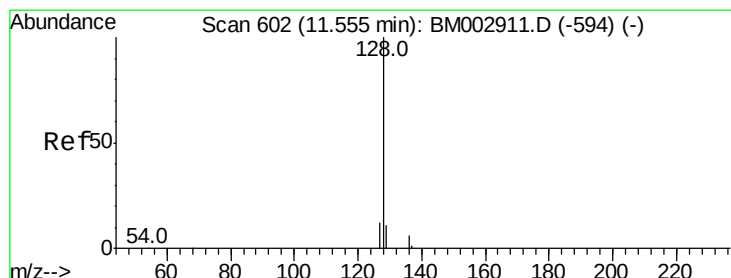
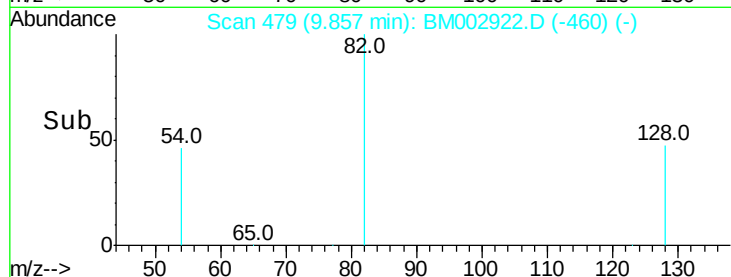
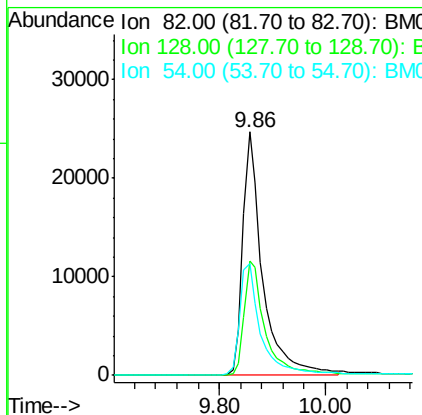
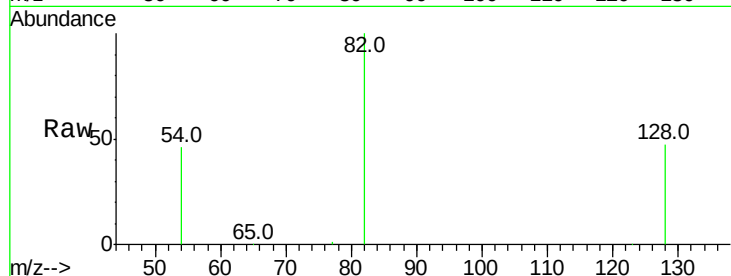
ClientSampleId :

RAV-GT-102

Tot Ion:	82	Resp:	62959
Ion Ratio	Lower	Upper	
82	100		
128	46.9	34.1	51.1
54	45.8	42.6	63.8

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#10

Naphthalene

Concen: 0.03 ng

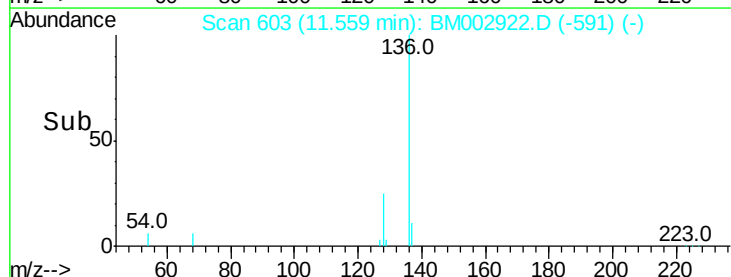
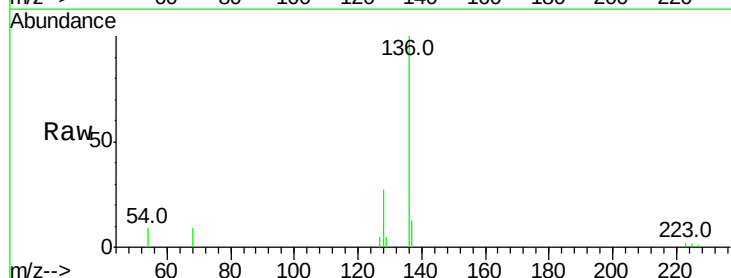
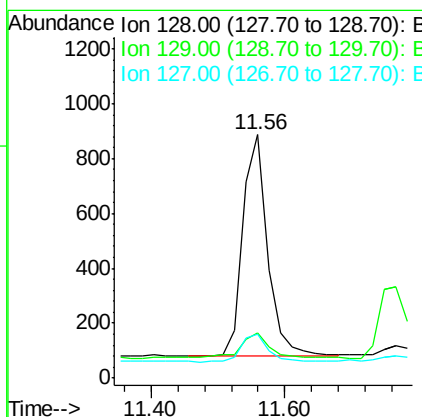
RT: 11.56 min Scan# 603

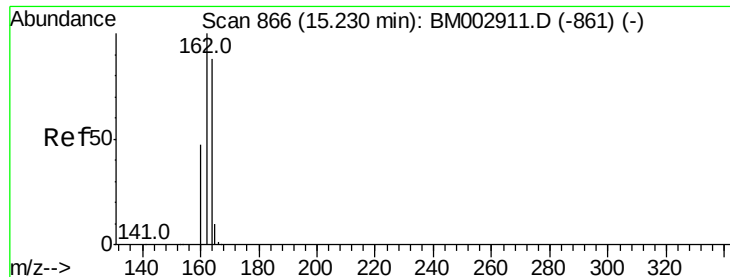
Delta R.T. 0.00 min

Lab File: BM002922.D

Acq: 15 Oct 2015 19:57

Tgt Ion:	128	Resp:	2083
Ion Ratio	Lower	Upper	
128	100		
129	18.7	9.4	14.2#
127	17.9	9.6	14.4#





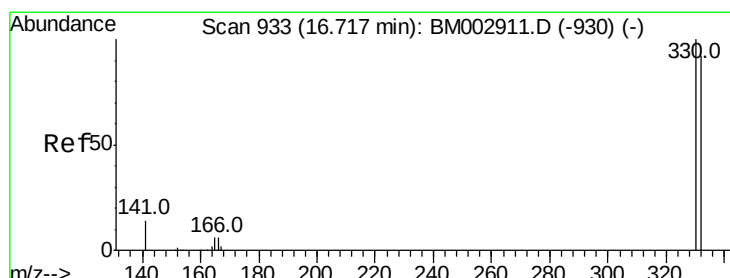
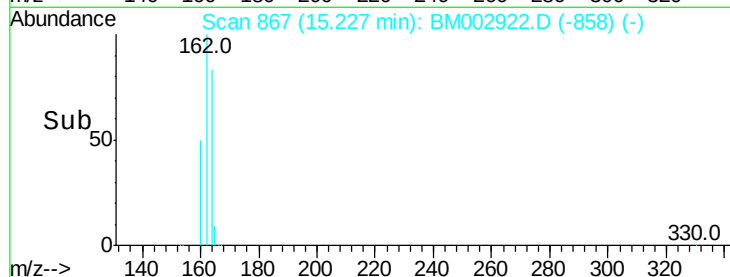
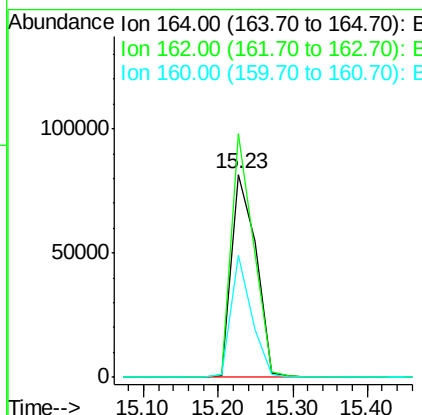
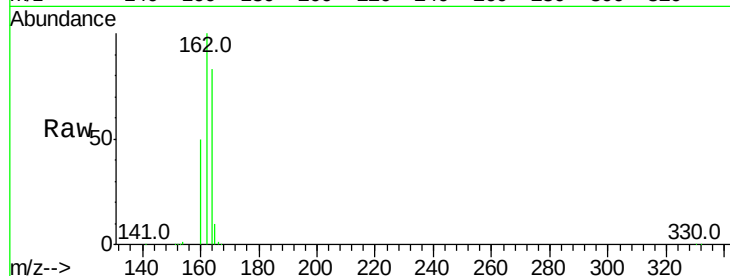
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 867
Delta R.T. -0.01 min
Lab File: BM002922.D
Acq: 15 Oct 2015 19:57

Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

Tot Ion	Ratio	Lower	Upper
164	100		
162	119.9	79.6	119.4#
160	60.0	33.1	49.7#

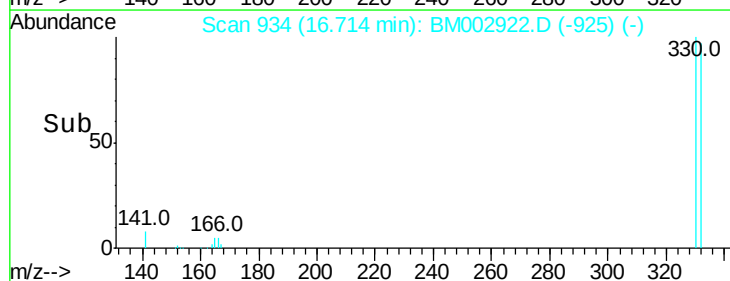
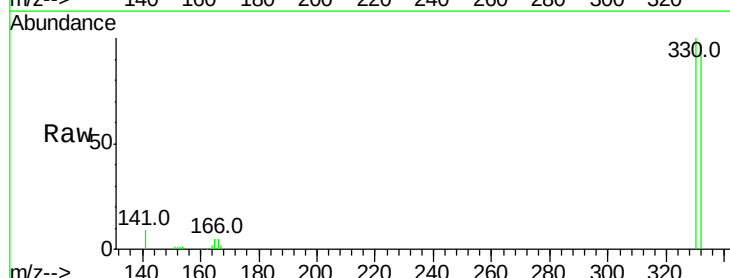
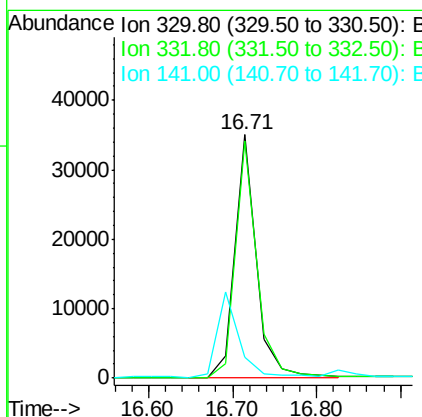
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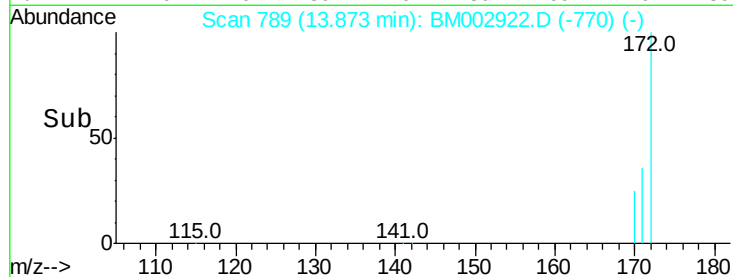
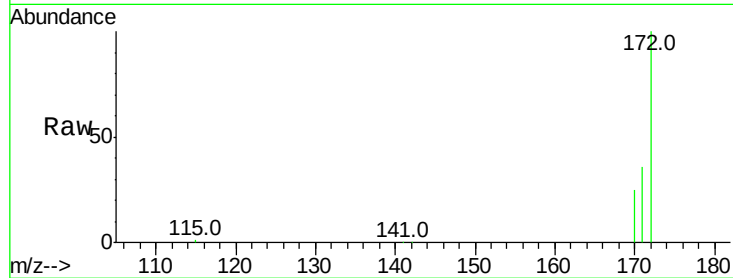
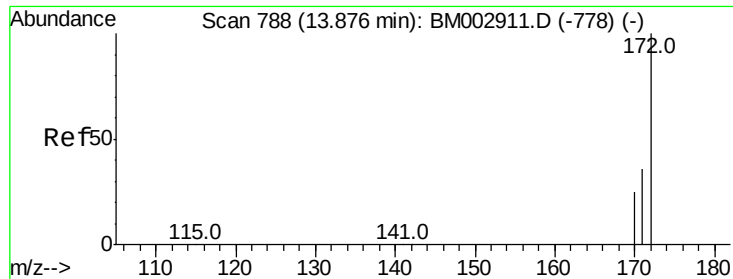
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#14
2,4,6-Tribromophenol
Concen: 8.43 ng
RT: 16.71 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM002922.D
Acq: 15 Oct 2015 19:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	0.0	0.0	0.0





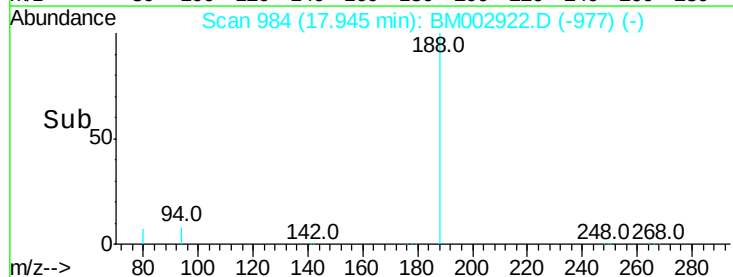
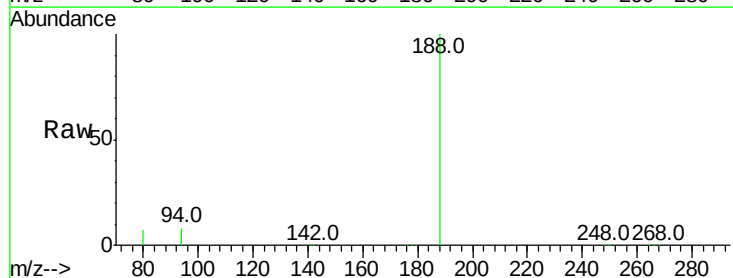
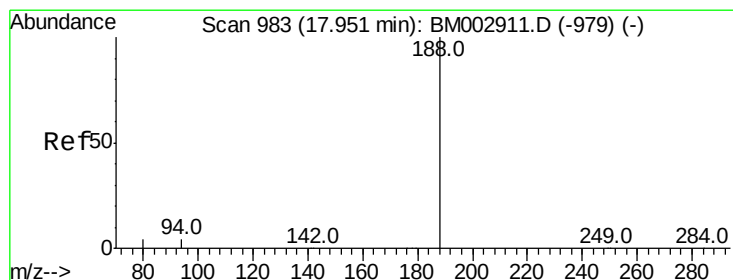
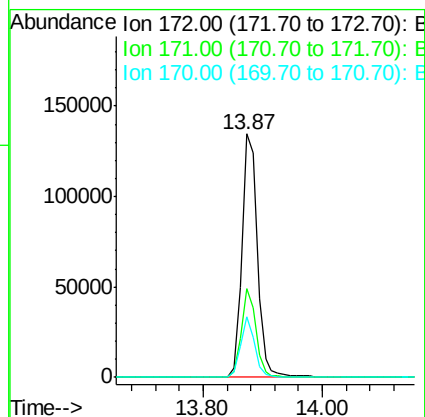
#15
2-Fluorobiphenyl
Concen: 3.97 ng
RT: 13.87 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002922.D
Acq: 15 Oct 2015 19:57

Tot Ion	Ratio	Resp	Lower	Upper
172	100	236688		
171	36.4		26.1	39.1
170	24.7		15.7	23.5

Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

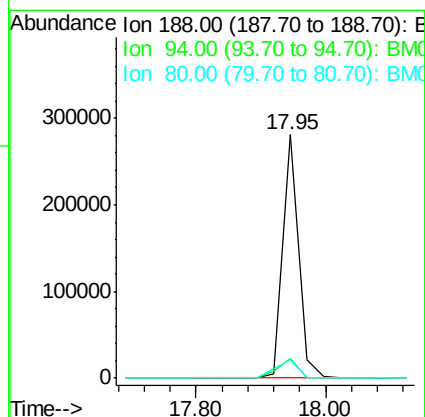
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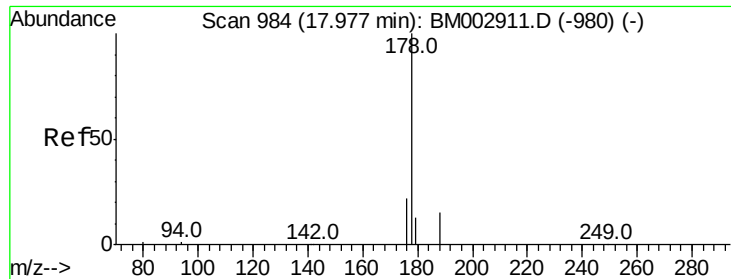
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#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM002922.D
Acq: 15 Oct 2015 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	474865		
94	8.0		15.2	22.8
80	7.4		15.9	23.9





#23

Phenanthrene

Concen: 0.03 ng

RT: 18.00 min Scan# 986

Delta R.T. 0.02 min

Lab File: BM002922.D

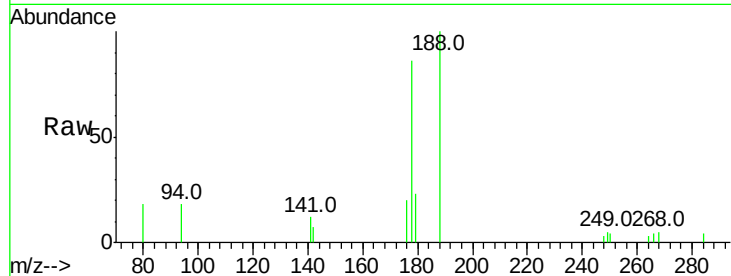
Acq: 15 Oct 2015 19:57

Instrument :

BNA_M

ClientSampleId :

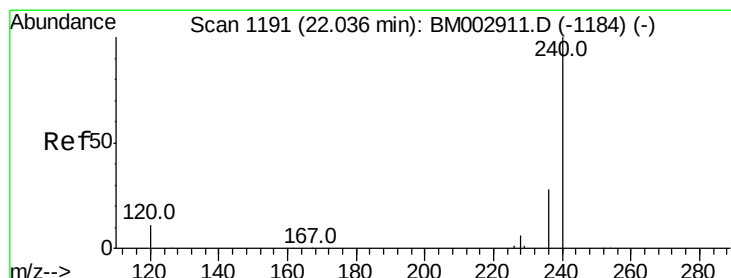
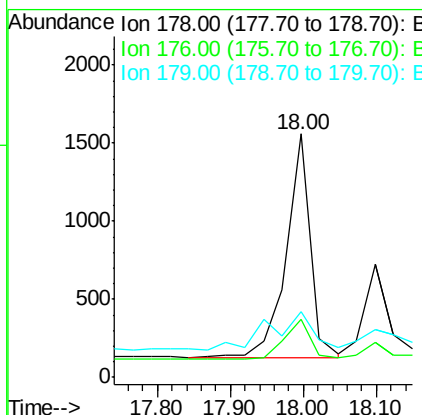
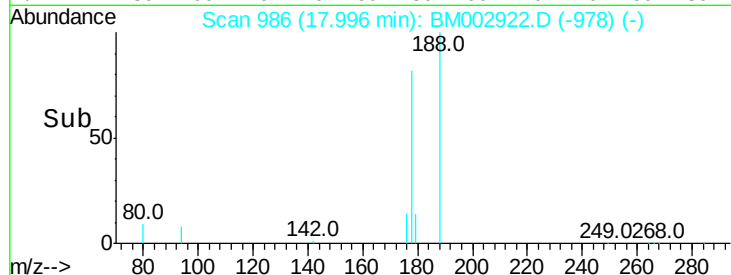
RAV-GT-102



Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	29.1	12.5	18.7#

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#26

Chrysene-d12

Concen: 5.00 ng

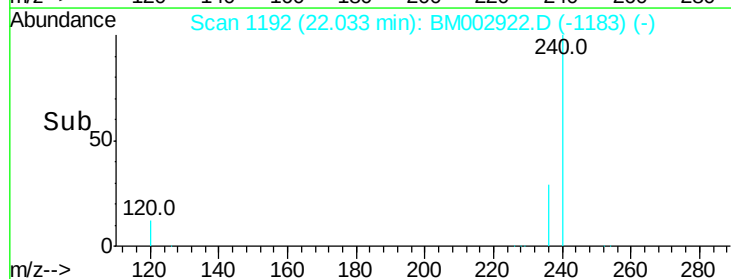
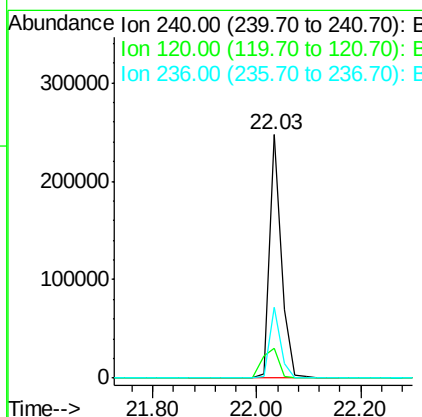
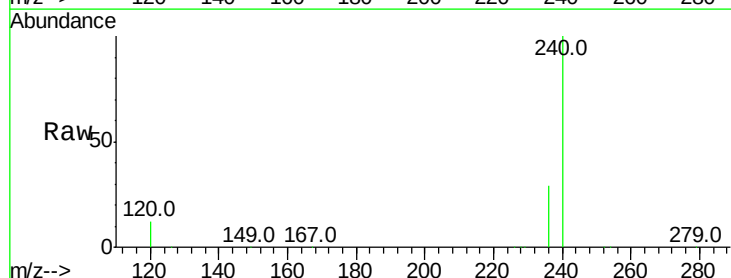
RT: 22.03 min Scan# 1192

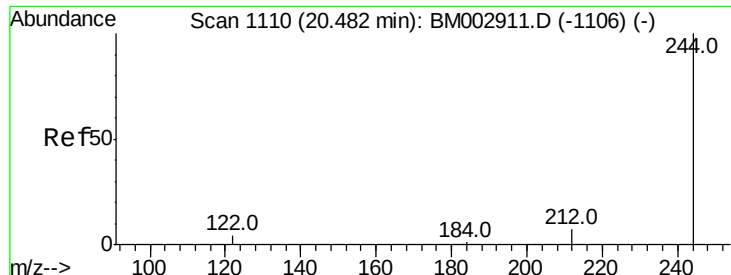
Delta R.T. -0.01 min

Lab File: BM002922.D

Acq: 15 Oct 2015 19:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	3.3	4.9#
236	28.9	19.5	29.3





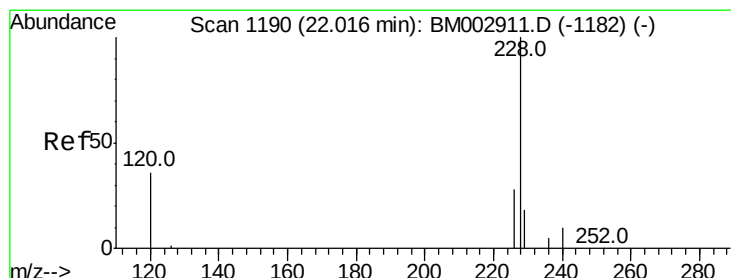
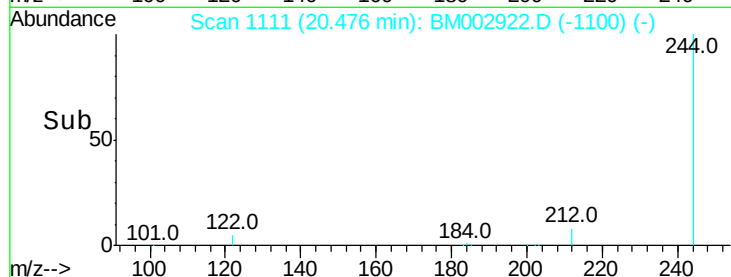
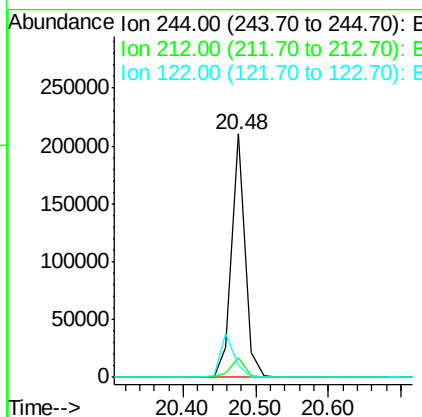
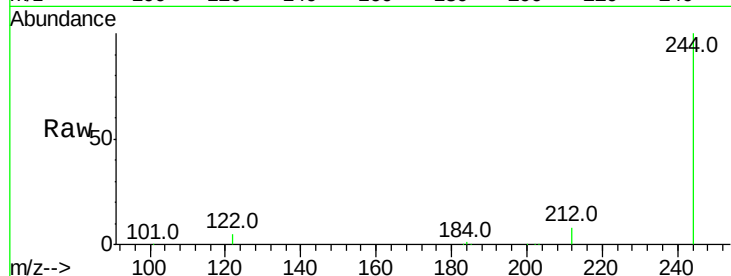
#29
 Terphenyl-d14
 Concen: 4.46 ng
 RT: 20.48 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BM002922.D
 Acq: 15 Oct 2015 19:57

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-102

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	5.6	8.4
122	4.8	2.2	3.2

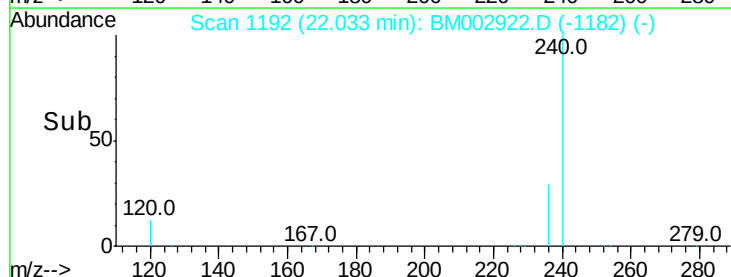
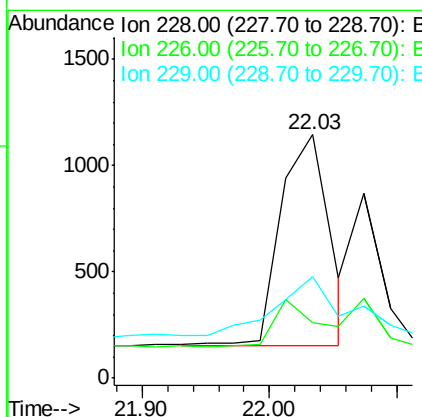
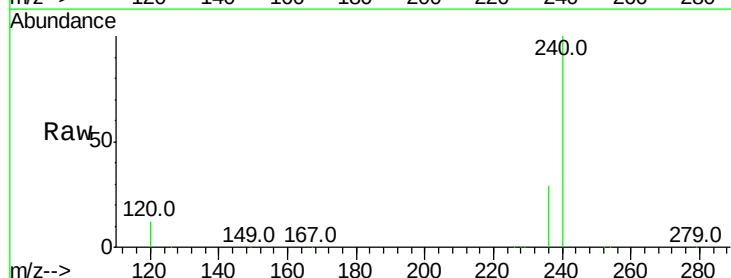
Manual Integrations
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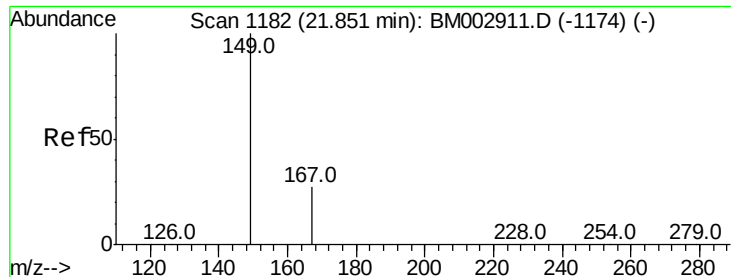
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#30
 Benzo(a)anthracene
 Concen: 0.02 ng m
 RT: 22.03 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BM002922.D
 Acq: 15 Oct 2015 19:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	22.9	19.0	28.6
229	41.6	16.8	25.2





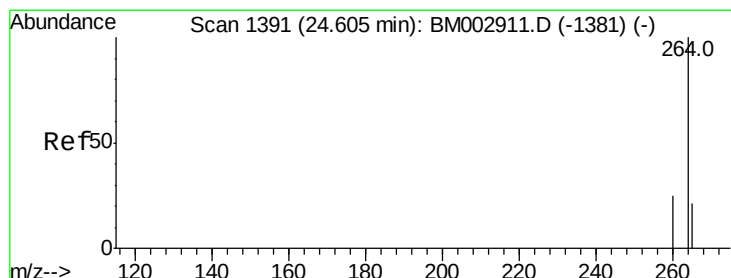
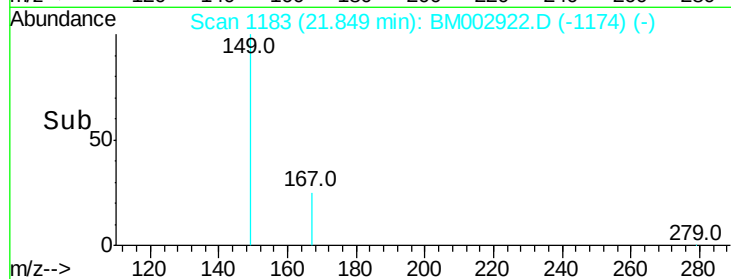
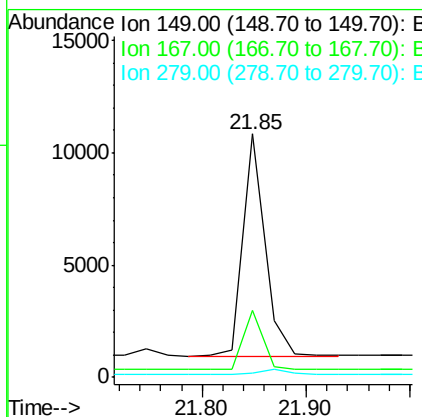
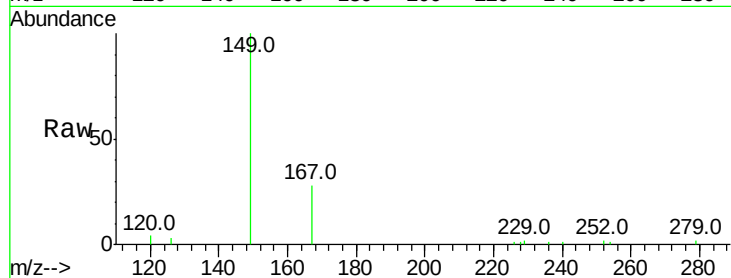
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.45 ng
 RT: 21.85 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BM002922.D
 Acq: 15 Oct 2015 19:57

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-102

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.0	17.2	25.8
279	0.0	2.2	3.4

Manual Integrations
 APPROVED

MMdadoda
 10/16/2015 3:58:37 PM



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.60 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BM002922.D
 Acq: 15 Oct 2015 19:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.6	17.6	26.4

