

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001670.D
 Acq On : 12 Jun 2015 10:16
 Operator : TP/IZ
 Sample : G2571-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FM9W

Manual Integrations
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 6/15/2015 12:42:22 PM

Quant Time: Jun 12 17:57:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:27:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	21798	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	82642	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	39861	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	45759	5.00	ng	0.00
25) Chrysene-d12	21.27	240	55237	5.00	ng	0.00
32) Perylene-d12	23.51	264	47706	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	13057	2.53	ng	0.00
5) Phenol-d6	6.84	99	11550	1.78	ng	0.00
7) Nitrobenzene-d5	8.85	82	33372	5.28	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	11244	7.75	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	74984	5.39	ng	0.00
27) Terphenyl-d14	19.72	244	52630	6.32	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.52	128	708	0.04	ng	# 64
11) 2-Methylnaphthalene	12.14	142	347	0.03	ng	# 72
15) Acenaphthylene	14.05	152	489	0.03	ng	# 87
16) Acenaphthene	14.40	154	431	0.04	ng	95
22) Phenanthrene	17.12	178	2040	0.14	ng	# 75
24) Fluoranthene	19.14	202	4063	0.18	ng	# 96
26) Pyrene	19.50	202	3839	0.20	ng	# 96
28) Benzo(a)anthracene	21.25	228	1870	0.11	ng	# 70
29) Chrysene	21.30	228	1301m	0.08	ng	
30) Bis(2-ethylhexyl)phthalate	21.18	149	3137	0.46	ng	# 100
31) Indeno(1,2,3-cd)pyrene	25.75	276	1364	0.10	ng	96
33) Benzo(b)fluoranthene	22.83	252	1782m	0.11	ng	
34) Benzo(k)fluoranthene	22.88	252	821m	0.05	ng	
35) Benzo(a)pyrene	23.41	252	1282	0.10	ng	# 45
37) Benzo(g,h,i)perylene	26.45	276	1472	0.16	ng	# 76

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

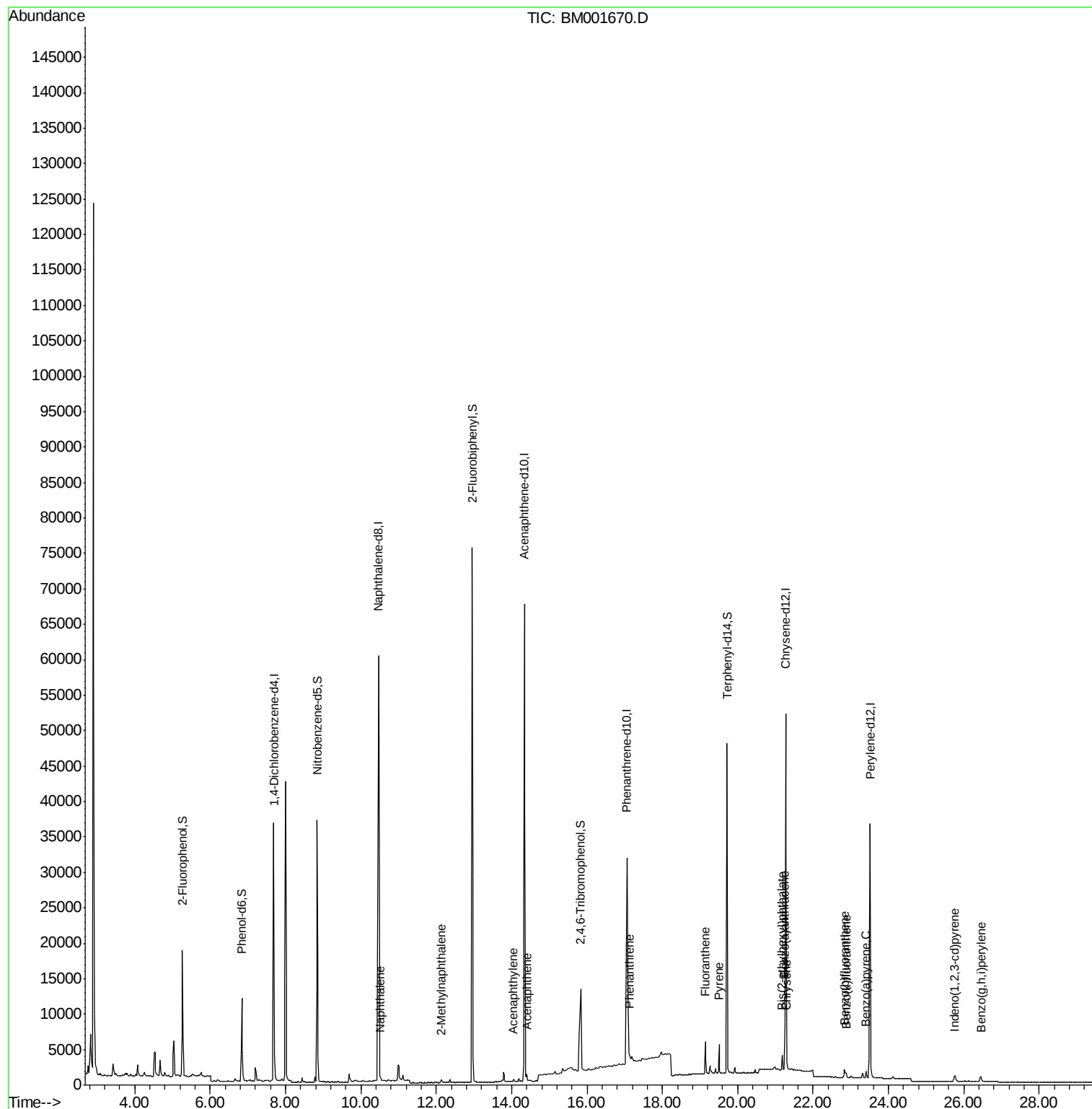
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001670.D
Acq On : 12 Jun 2015 10:16
Operator : TP/IZ
Sample : G2571-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

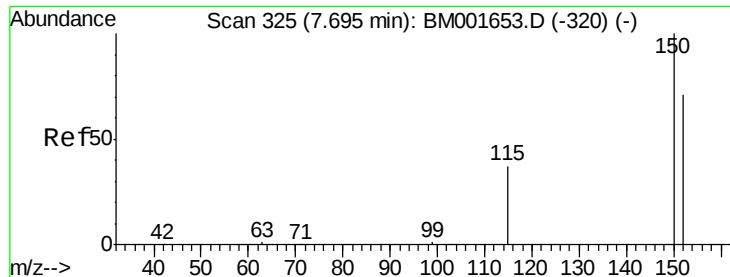
Instrument :
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Quant Time: Jun 12 17:57:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

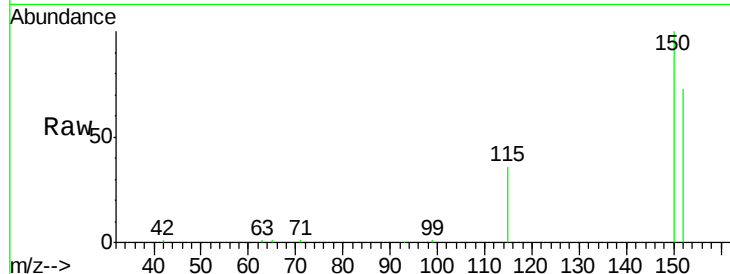
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Instrument :
BNA_M
ClientSampleId :
FM9W

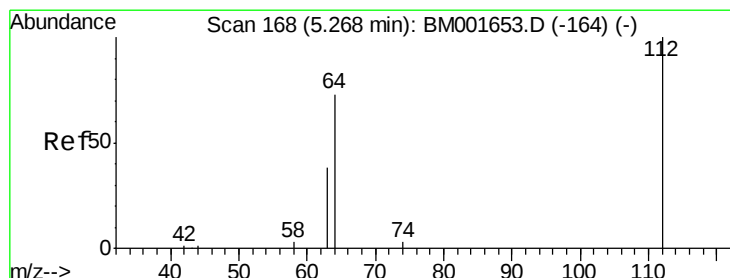
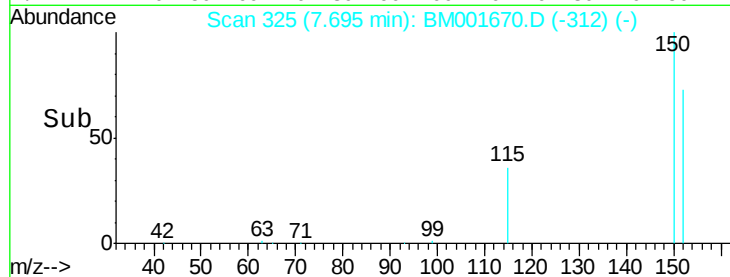
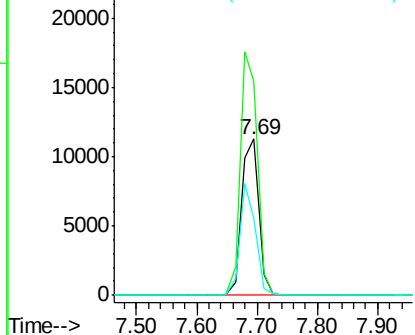
Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.0	112.2	168.2
115	49.5	41.7	62.5

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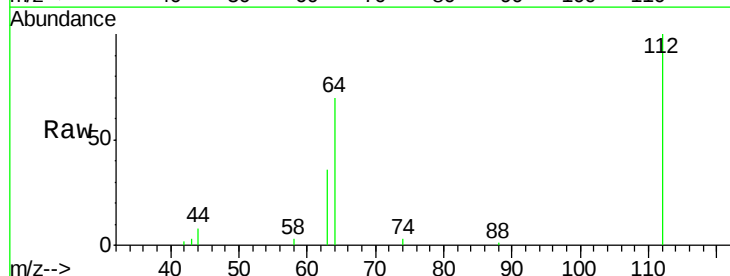
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



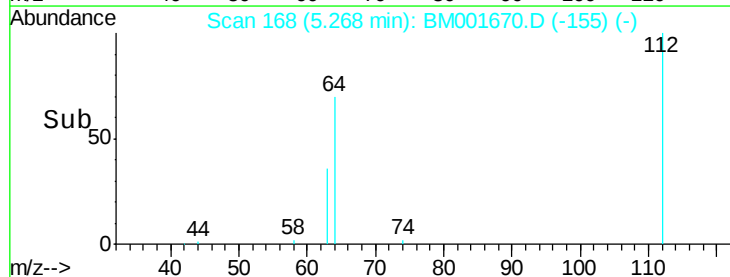
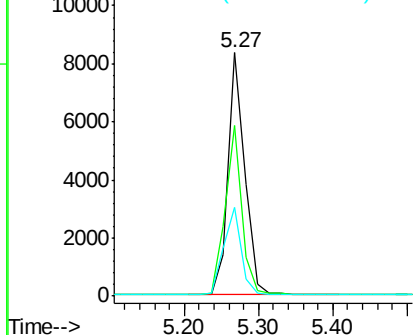
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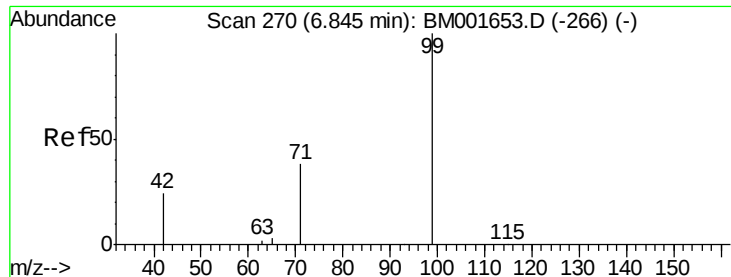
2-Fluorophenol
Concen: 2.53 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.5	83.3
63	38.2	29.9	44.9



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: 1.78 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Instrument :

BNA_M

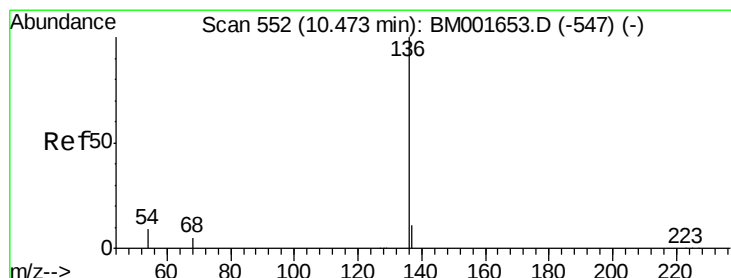
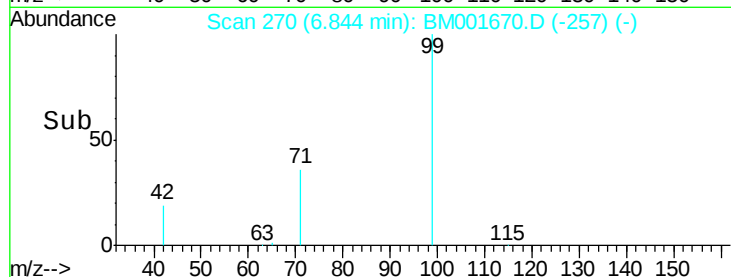
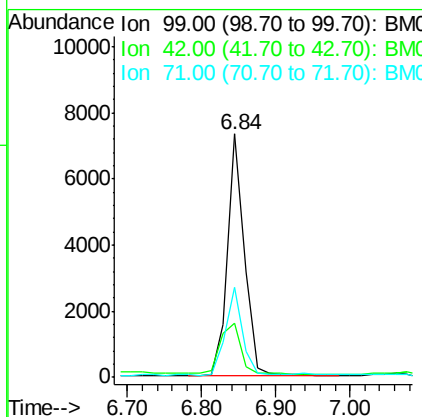
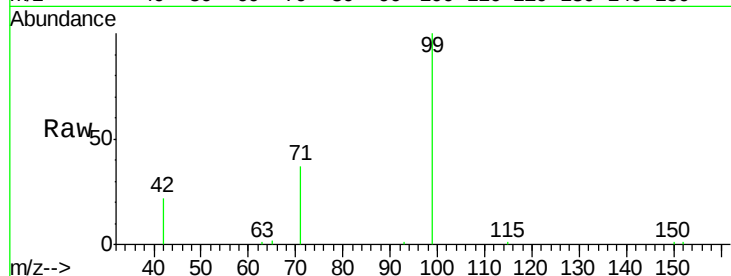
ClientSampleId :

FM9W

Tgt Ion:	99	Resp:	11550
Ion	Ratio	Lower	Upper
99	100		
42	25.8	21.6	32.4
71	36.9	28.7	43.1

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#6

Naphthalene-d8

Concen: 5.00 ng

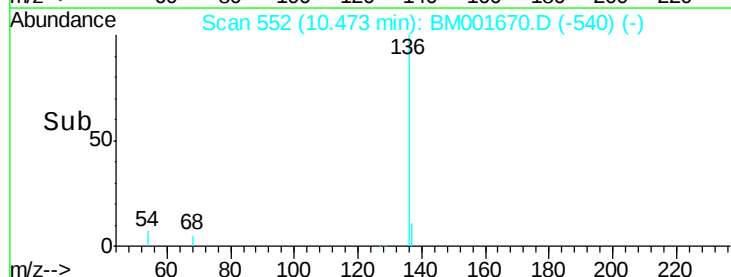
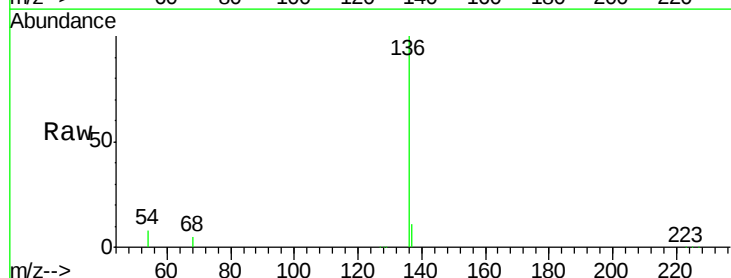
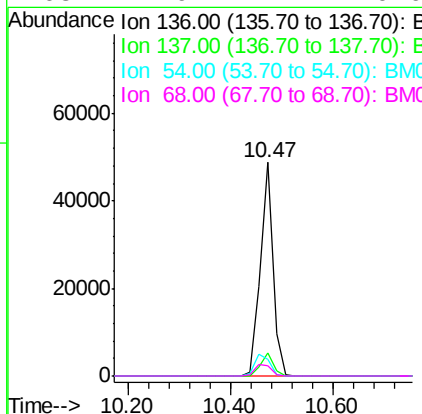
RT: 10.47 min Scan# 552

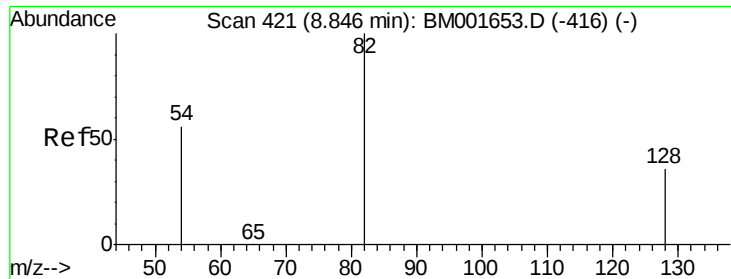
Delta R.T. -0.00 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Tgt Ion:	136	Resp:	82642
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.5	6.9	10.3
68	4.9	4.4	6.6





#7

Nitrobenzene-d5

Concen: 5.28 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001670.D

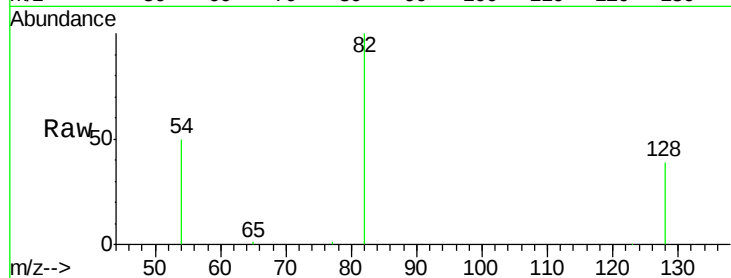
Acq: 12 Jun 2015 10:16

Instrument :

BNA_M

ClientSampleId :

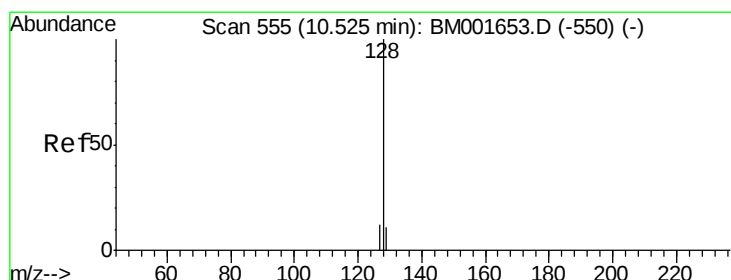
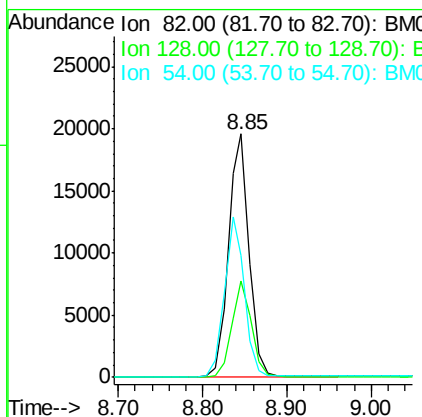
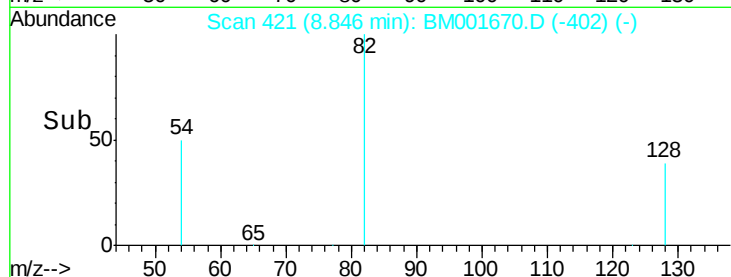
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Tgt Ion	82	Resp	33372
Ion Ratio	Lower	Upper	
82	100		
128	39.4	29.7	44.5
54	50.2	45.1	67.7

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#9

Naphthalene

Concen: 0.04 ng

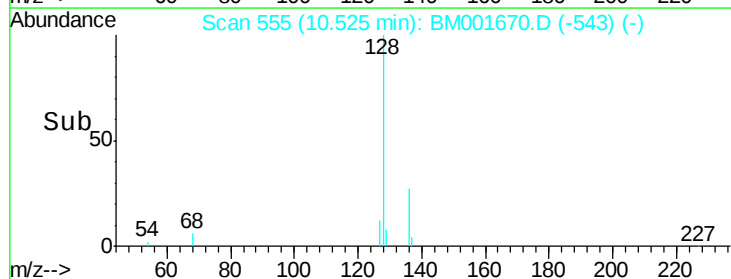
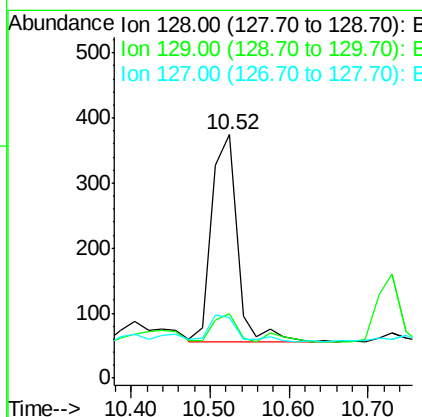
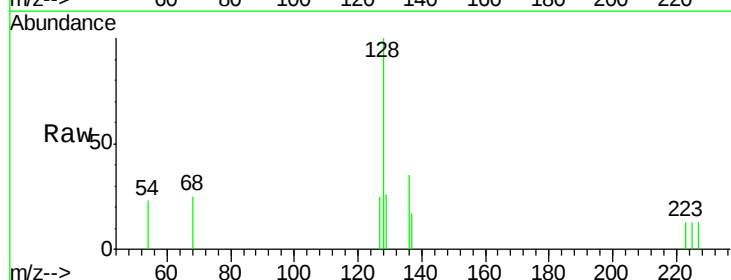
RT: 10.52 min Scan# 555

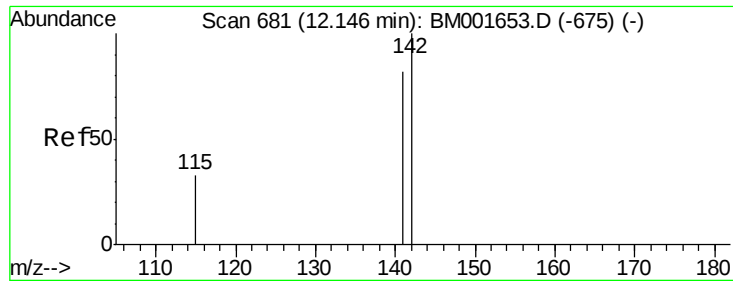
Delta R.T. -0.00 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Tgt Ion	128	Resp	708
Ion Ratio	Lower	Upper	
128	100		
129	26.5	9.4	14.2#
127	25.1	9.7	14.5#





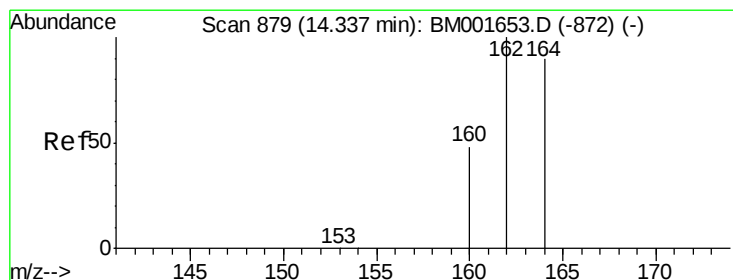
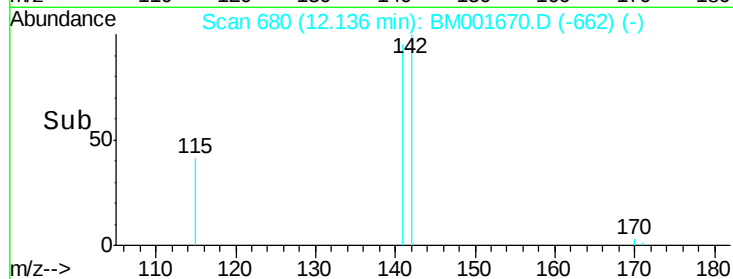
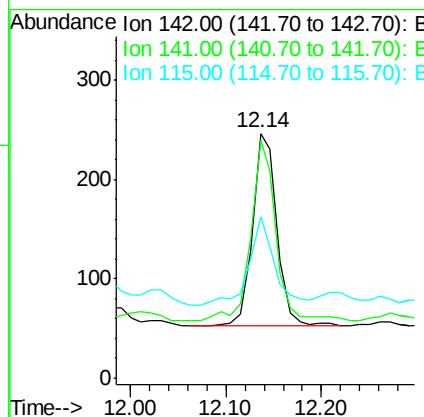
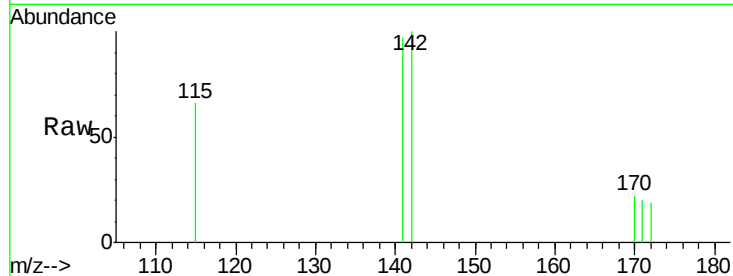
#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Instrument :
BNA_M
ClientSampleId :
FM9W

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.2	65.8	98.6
115	65.9	27.0	40.6

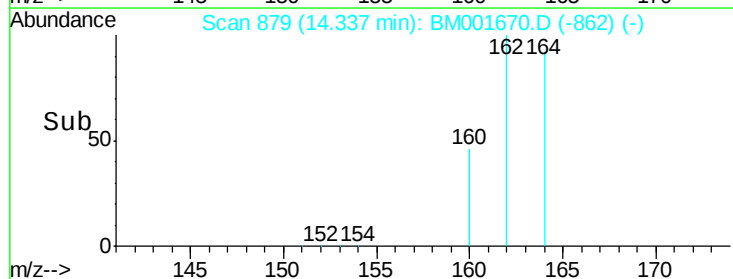
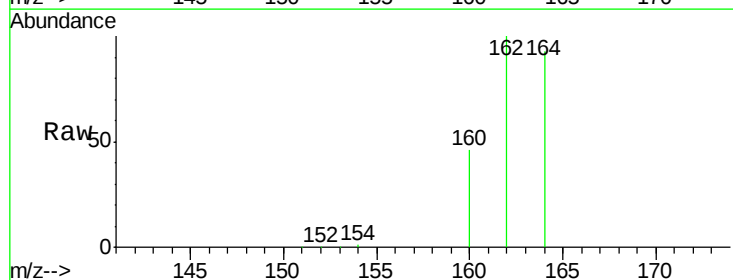
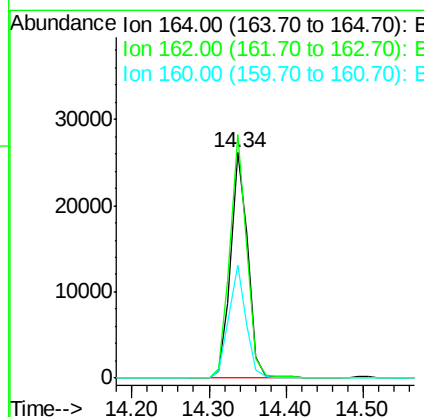
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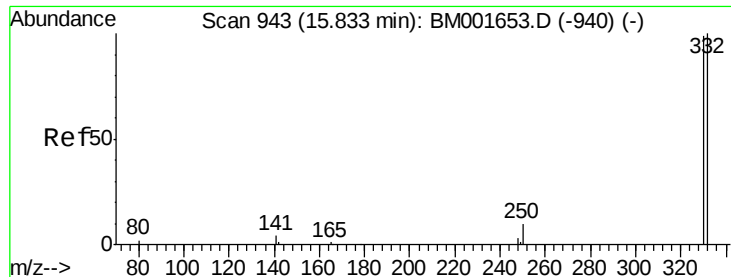
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	89.0	133.4
160	50.1	42.6	63.8





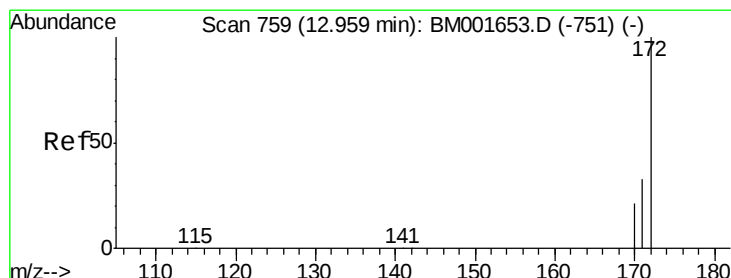
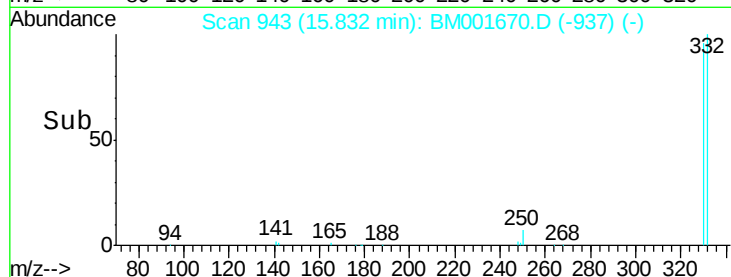
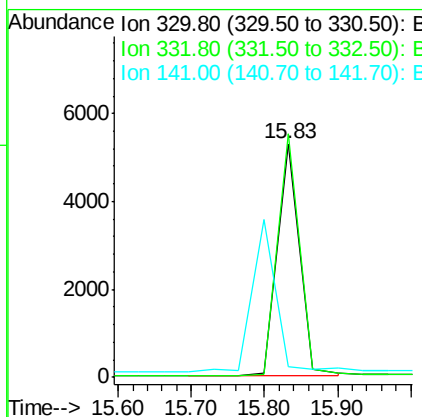
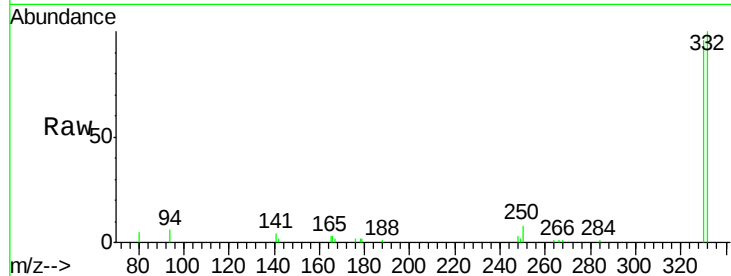
#13
 2,4,6-Tribromophenol
 Concen: 7.75 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001670.D
 Acq: 12 Jun 2015 10:16

Instrument :
 BNA_M
 ClientSampleId :
 FM9W

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.5	80.6	120.8
141	0.0	0.0	0.0

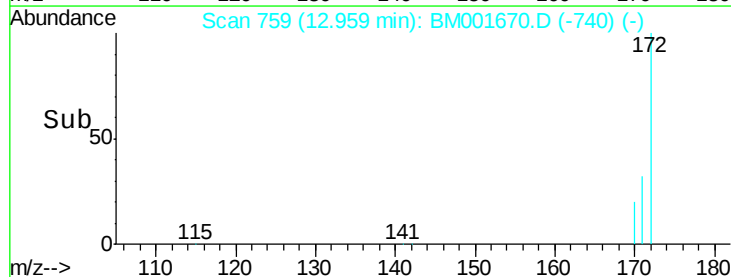
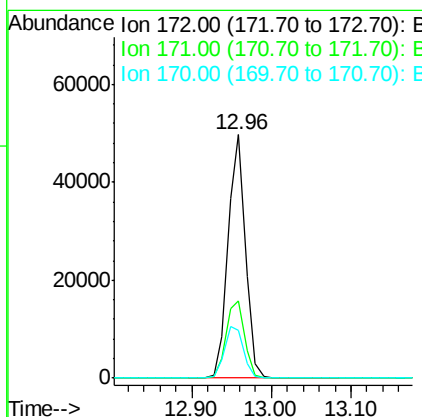
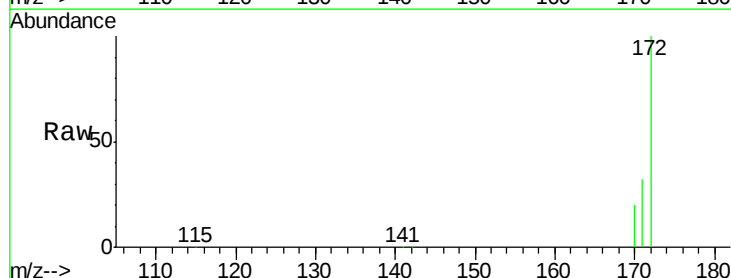
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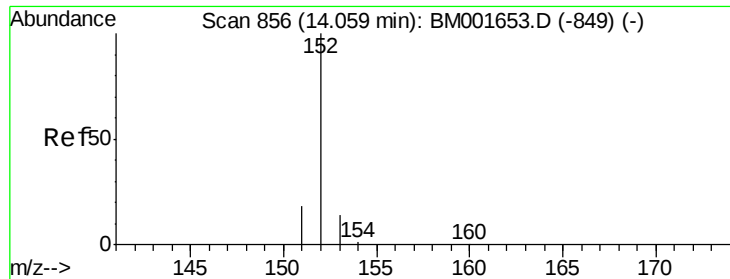
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#14
 2-Fluorobiphenyl
 Concen: 5.39 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BM001670.D
 Acq: 12 Jun 2015 10:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.6	40.0
170	19.6	17.1	25.7





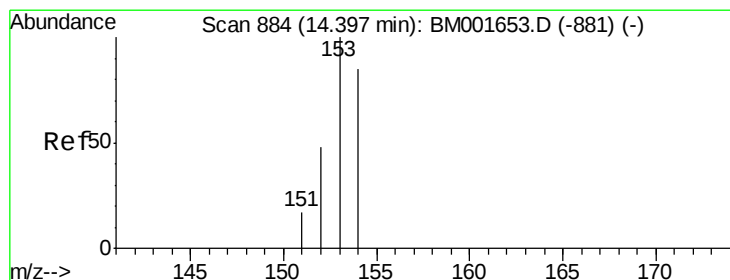
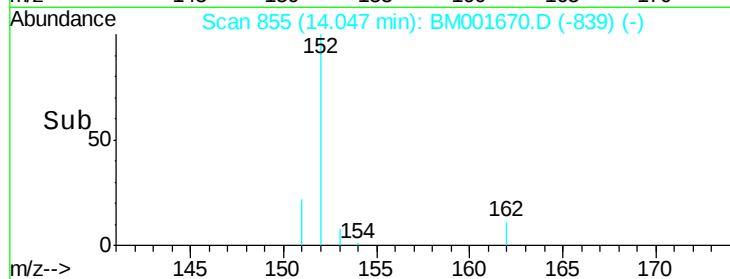
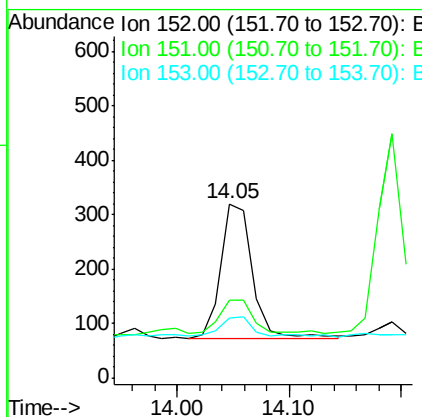
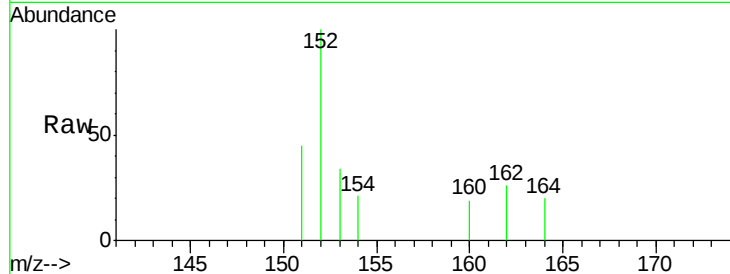
#15
Acenaphthylene
Concen: 0.03 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Instrument :
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ClientSampleId :
FM9W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.4	15.5	23.3#
153	18.0	10.2	15.4#

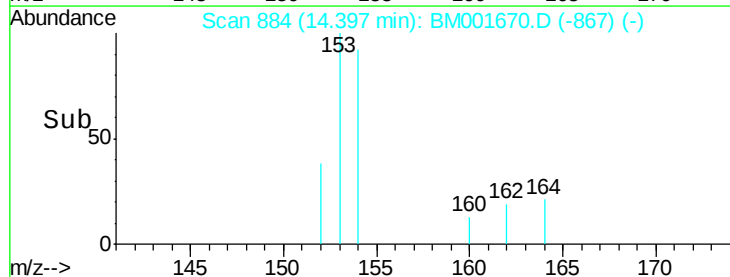
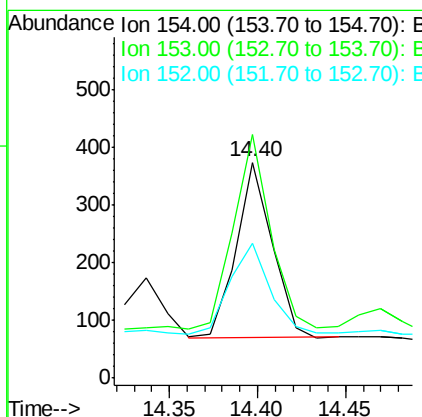
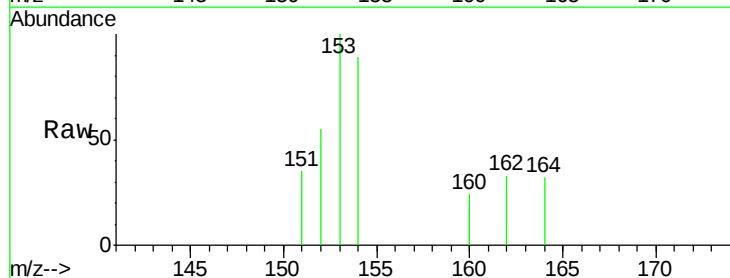
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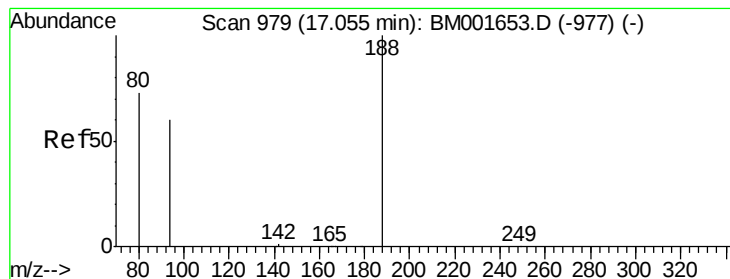
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#16
Acenaphthene
Concen: 0.04 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.0	91.0	136.6
152	58.5	43.8	65.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Instrument :

BNA_M

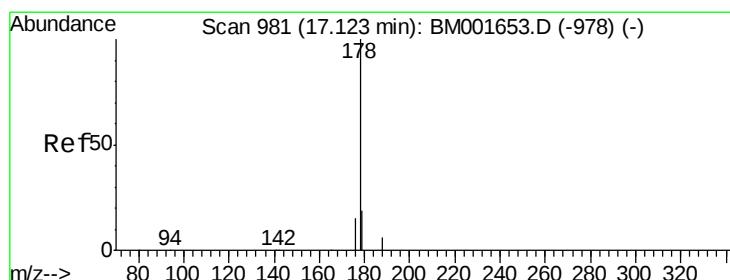
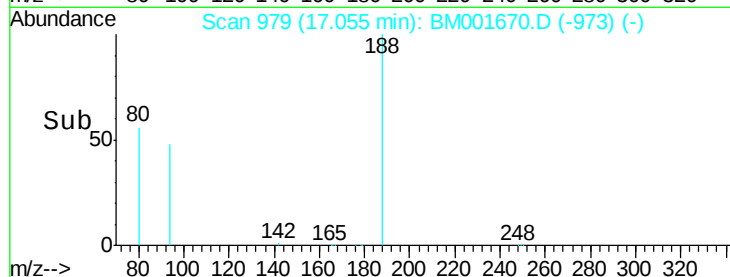
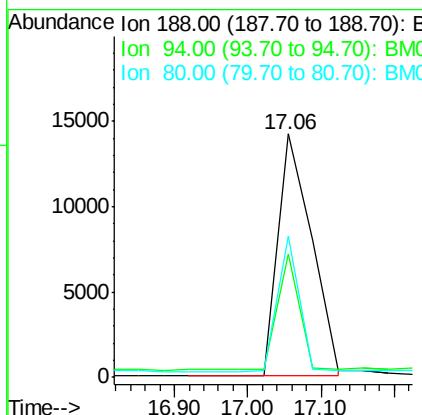
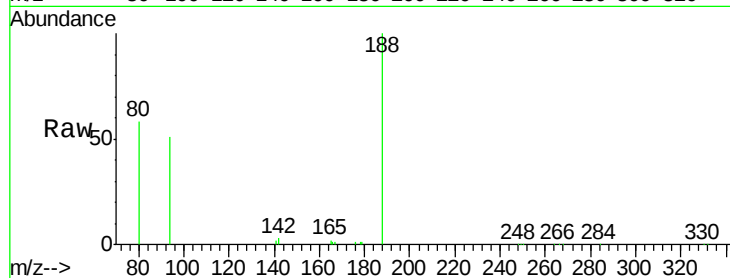
ClientSampleID :

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Tgt Ion:	188	Resp:	45759
Ion Ratio	Lower	Upper	
188	100		
94	50.7	48.3	72.5
80	58.1	58.6	88.0#

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#22

Phenanthrene

Concen: 0.14 ng

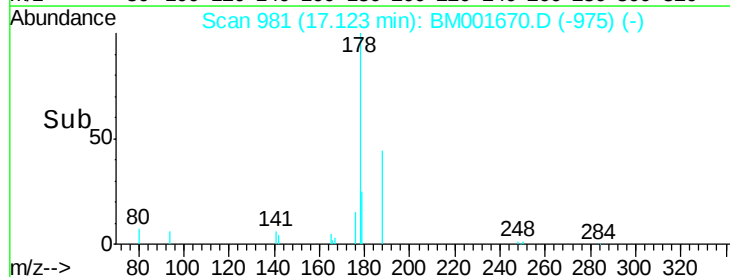
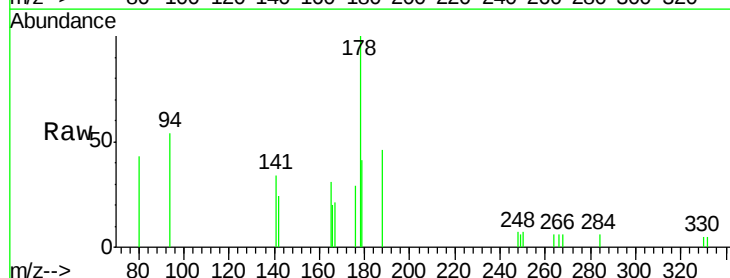
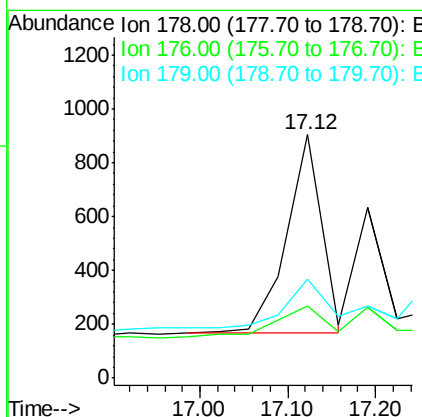
RT: 17.12 min Scan# 981

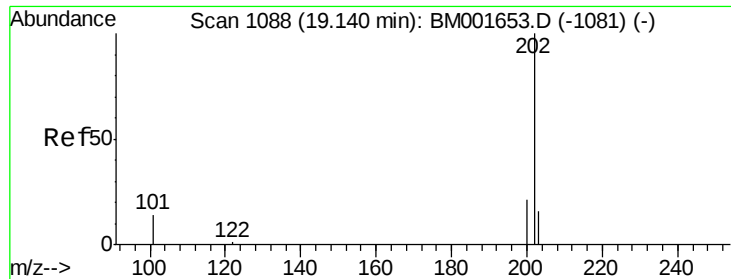
Delta R.T. 0.00 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Tgt Ion:	178	Resp:	2040
Ion Ratio	Lower	Upper	
178	100		
176	19.7	0.0	0.0#
179	28.6	14.2	21.2#





#24

Fluoranthene

Concen: 0.18 ng

RT: 19.14 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Instrument :

BNA_M

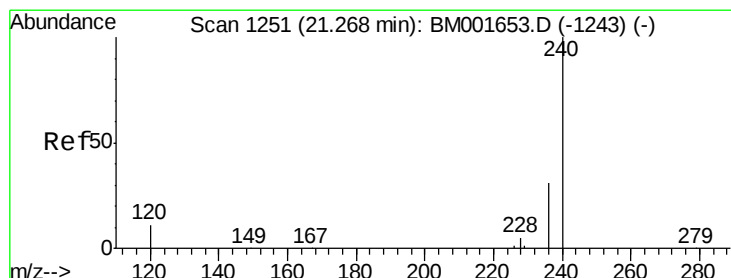
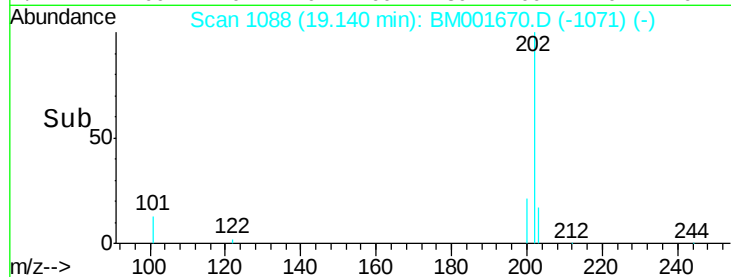
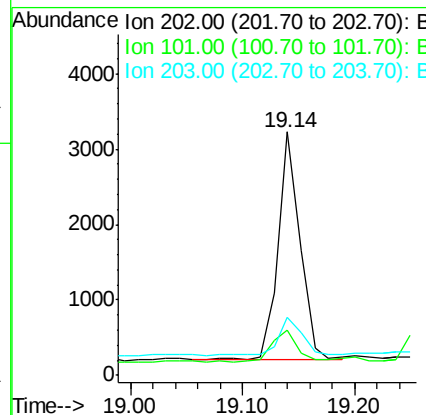
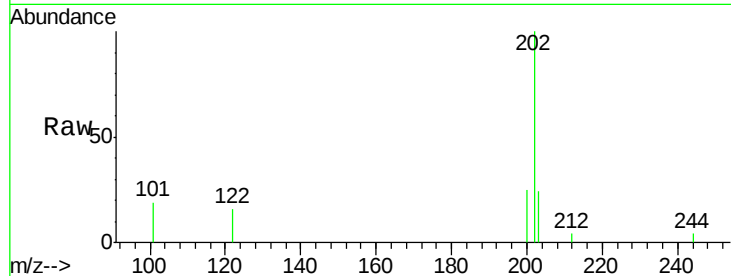
ClientSampleId :

FM9W

Tgt Ion:	202	Resp:	4063
Ion Ratio	Lower	Upper	
202	100		
101	16.3	10.8	16.2#
203	17.8	13.8	20.8

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#25

Chrysene-d12

Concen: 5.00 ng

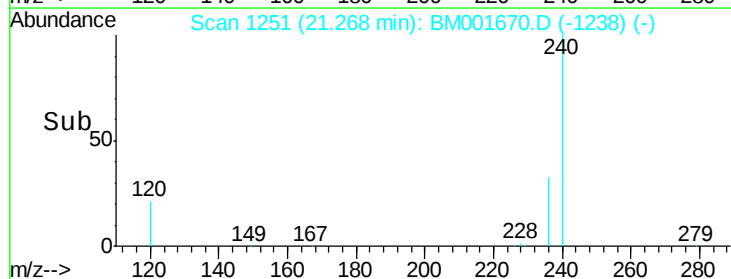
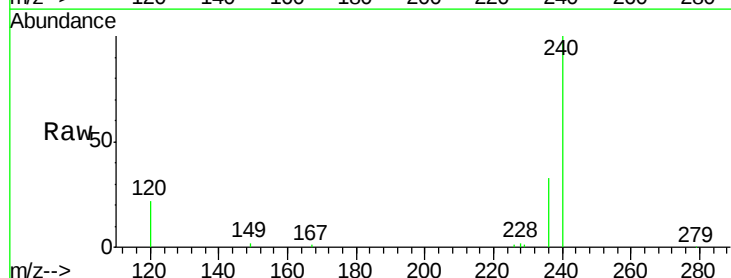
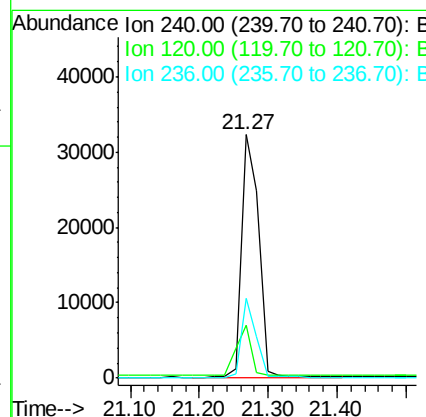
RT: 21.27 min Scan# 1251

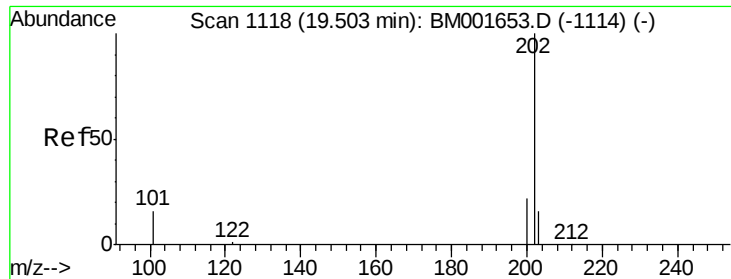
Delta R.T. -0.00 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Tgt Ion:	240	Resp:	55237
Ion Ratio	Lower	Upper	
240	100		
120	21.8	8.9	13.3#
236	32.9	24.6	36.8





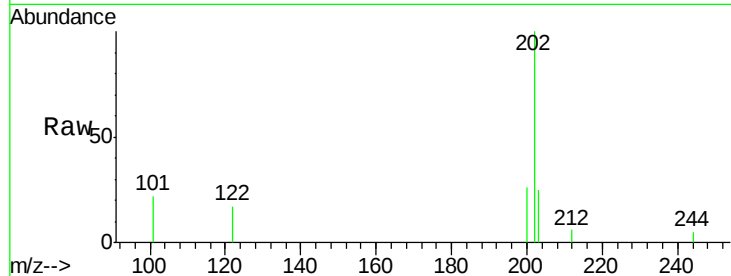
#26
 Pyrene
 Concen: 0.20 ng
 RT: 19.50 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BM001670.D
 Acq: 12 Jun 2015 10:16

Instrument :
 BNA_M
 ClientSampleId :
 FM9W

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.7	16.6	24.8
203	21.5	13.8	20.8

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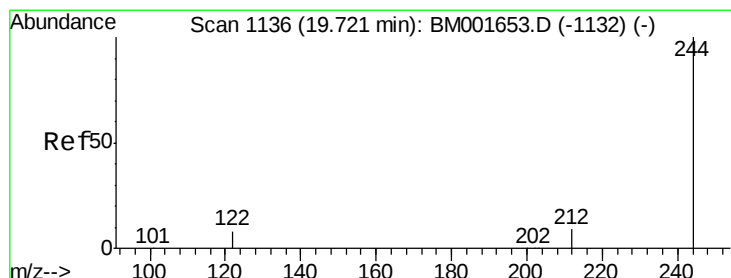
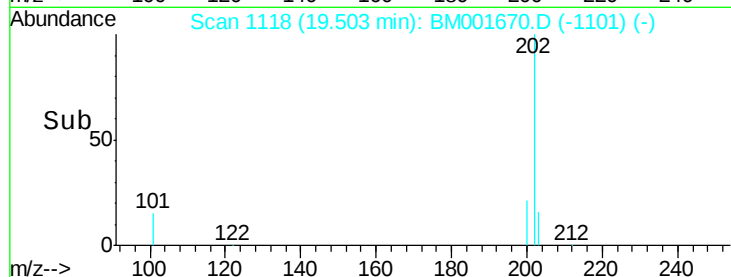
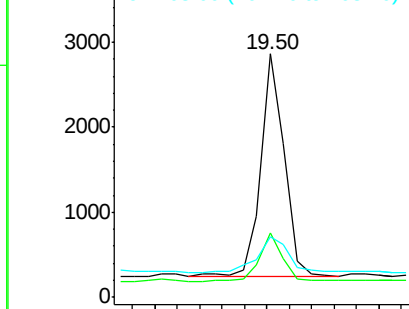


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#27
 Terphenyl-d14
 Concen: 6.32 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BM001670.D
 Acq: 12 Jun 2015 10:16

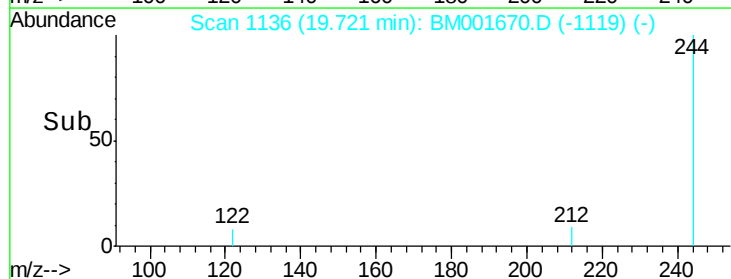
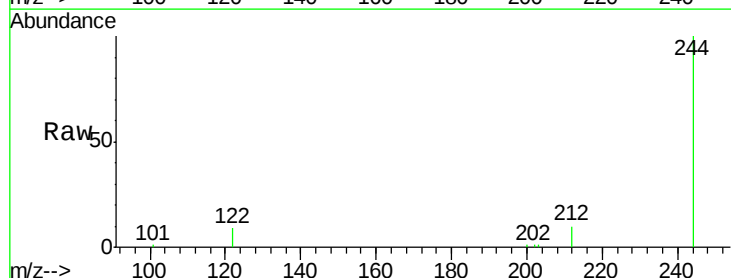
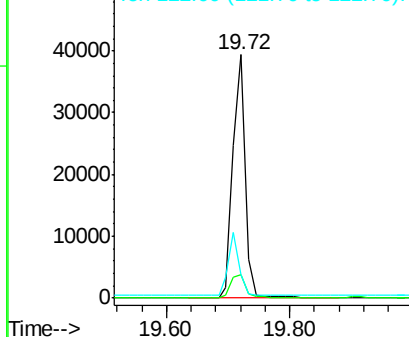
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.7	7.7	11.5
122	9.4	6.9	10.3

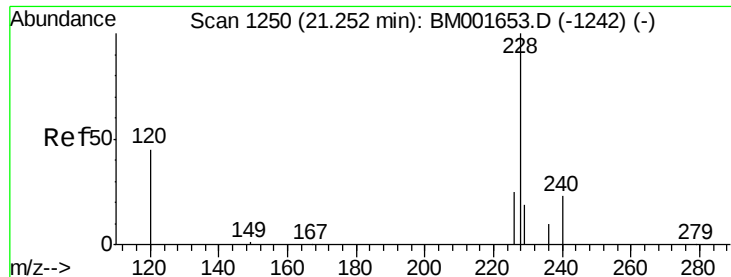
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





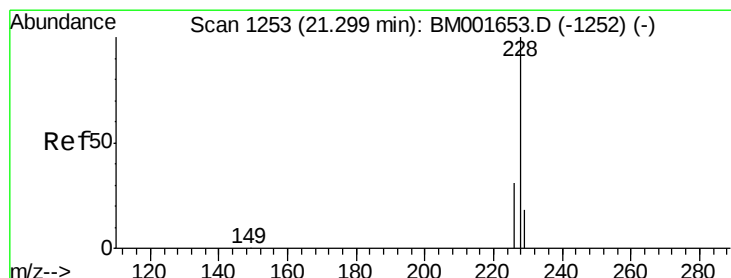
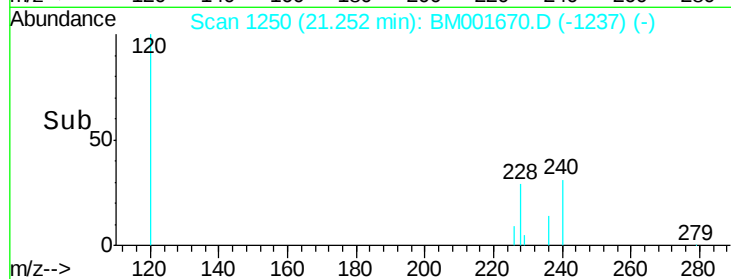
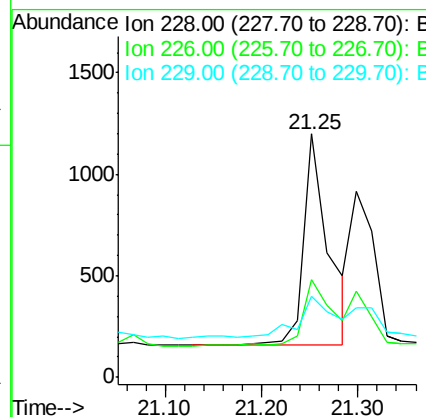
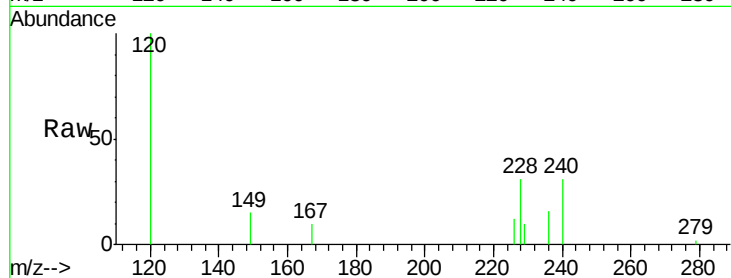
#28
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Instrument :
BNA_M
ClientSampleId :
FM9W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.0	20.2	30.4#
229	33.4	15.7	23.5#

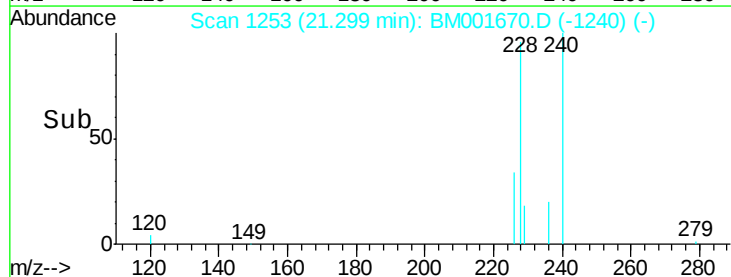
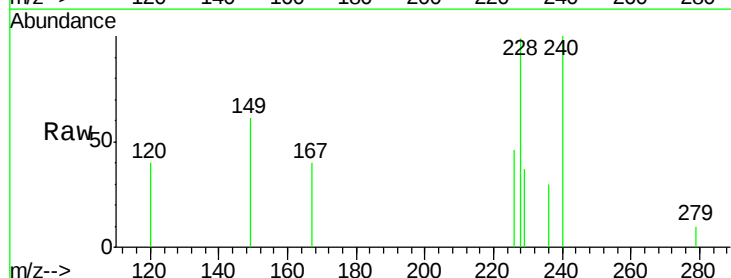
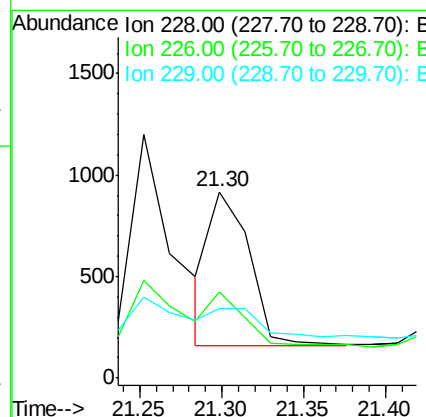
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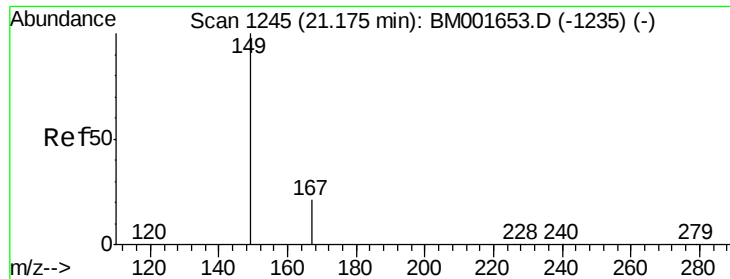
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#29
Chrysene
Concen: 0.08 ng m
RT: 21.30 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	46.2	25.8	38.8#
229	37.2	14.1	21.1#





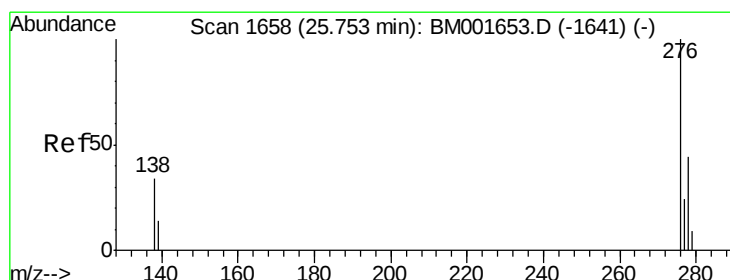
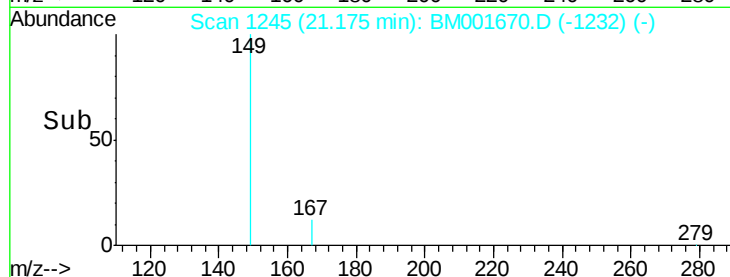
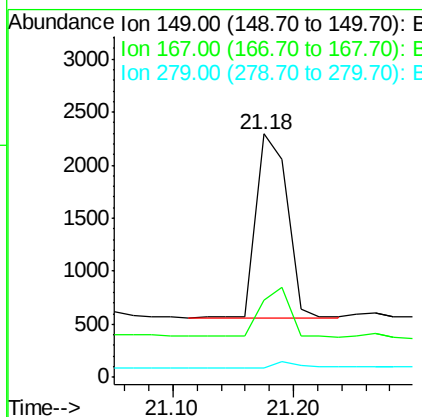
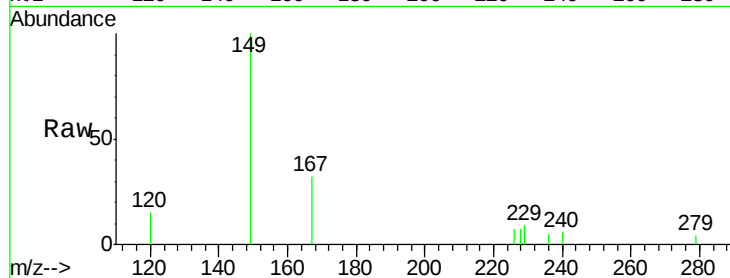
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 21.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

Instrument :
BNA_M
ClientSampleId :
FM9W

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.2	30.2
279	3.7	1.7	2.5

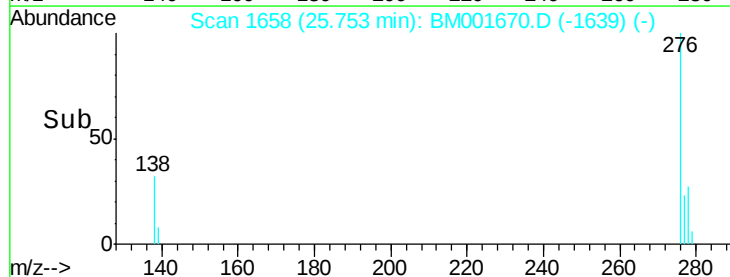
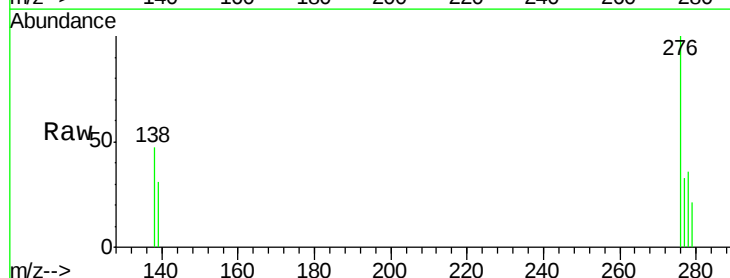
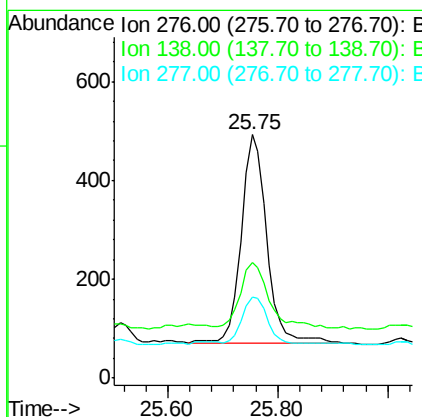
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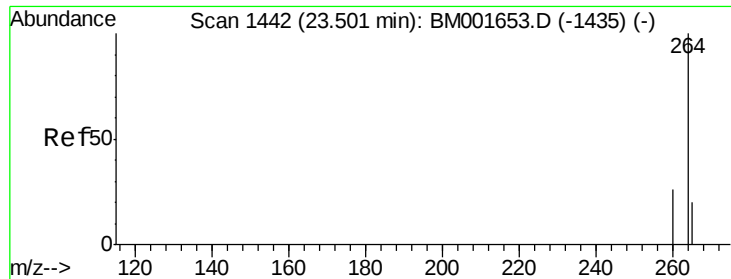
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#31
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.75 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BM001670.D
Acq: 12 Jun 2015 10:16

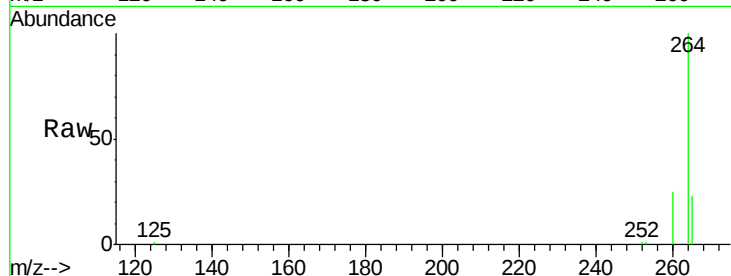
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.3	28.8	43.2
277	21.8	19.6	29.4





#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BM001670.D
 Acq: 12 Jun 2015 10:16

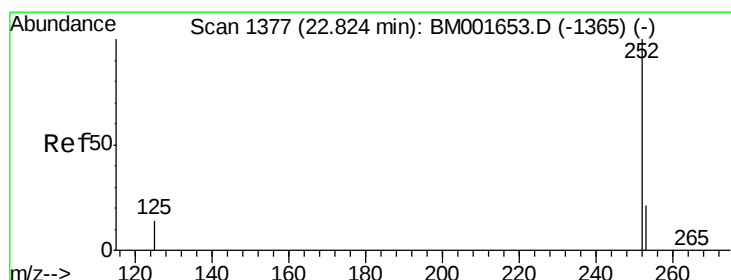
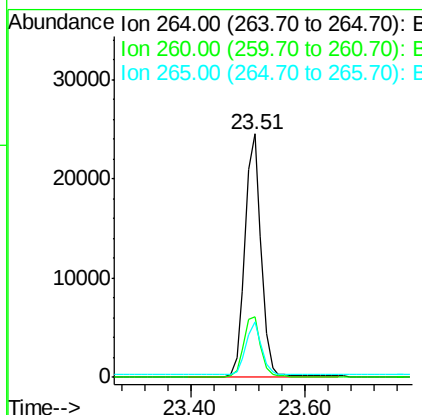
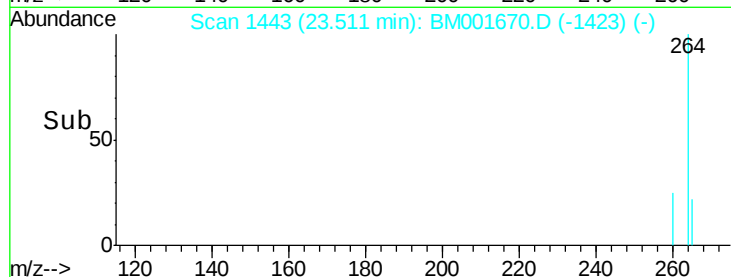
Instrument :
 BNA_M
 ClientSampleId :
 FM9W



Tgt Ion: 264 Resp: 47706
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.8 31.2
 265 22.5 16.9 25.3

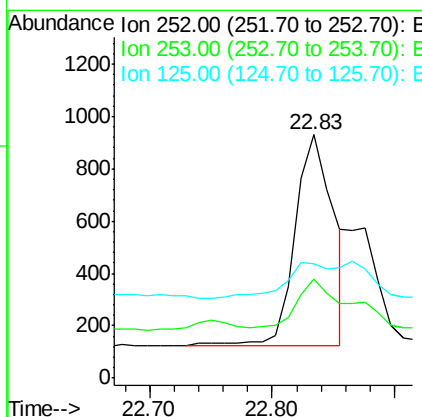
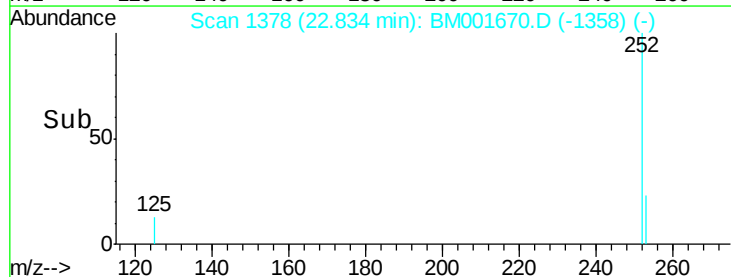
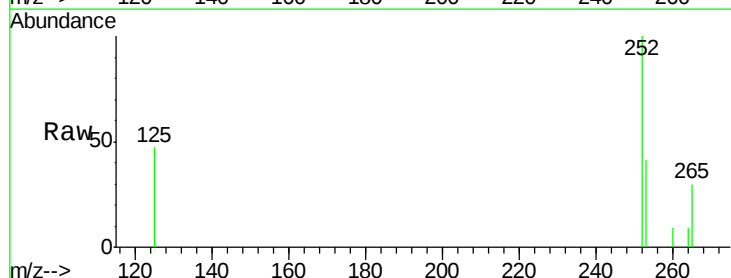
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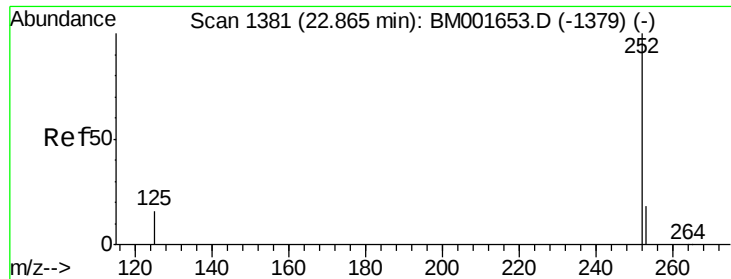
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#33
Benzo(b)fluoranthene
 Concen: 0.11 ng m
 RT: 22.83 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BM001670.D
 Acq: 12 Jun 2015 10:16

Tgt Ion: 252 Resp: 1782
 Ion Ratio Lower Upper
 252 100
 253 40.7 17.4 26.2#
 125 46.7 12.0 18.0#





#34

Benzo(k)fluoranthene

Concen: 0.05 ng m

RT: 22.88 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BM001670.D

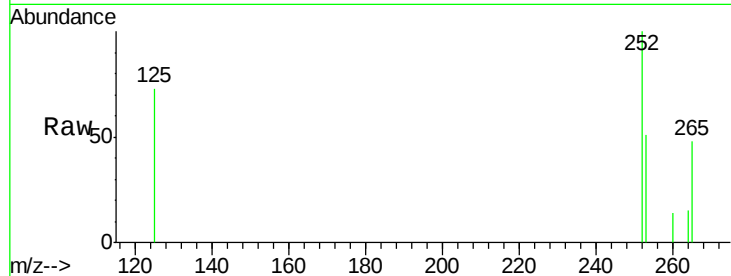
Acq: 12 Jun 2015 10:16

Instrument :

BNA_M

ClientSampleId :

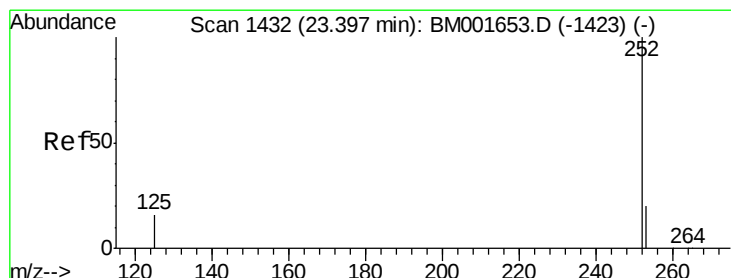
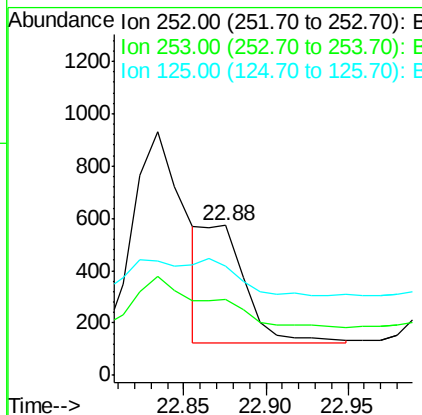
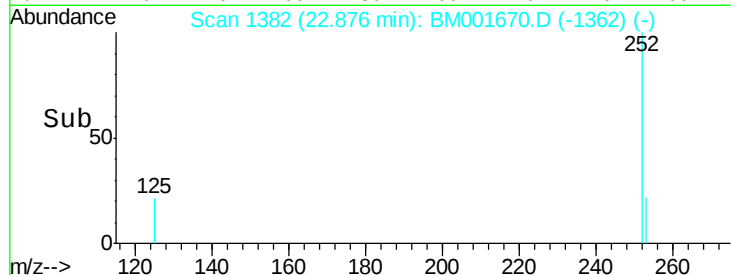
FM9W



Tgt Ion:	252	Resp:	821
Ion Ratio	Lower	Upper	
252	100		
253	50.6	17.0	25.6#
125	73.1	12.5	18.7#

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#35

Benzo(a)pyrene

Concen: 0.10 ng

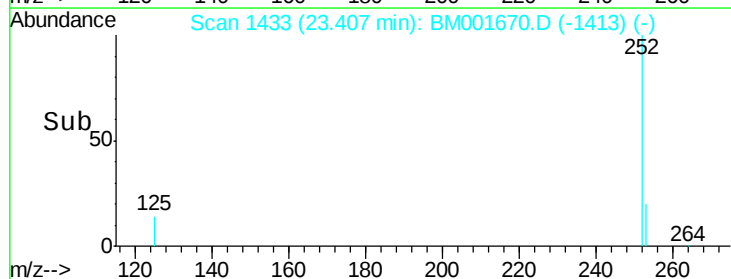
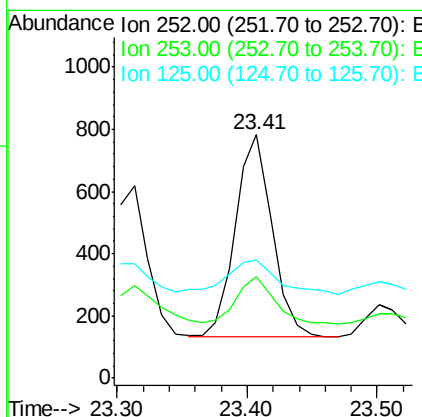
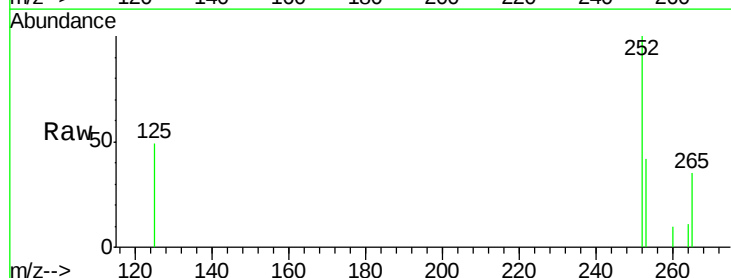
RT: 23.41 min Scan# 1433

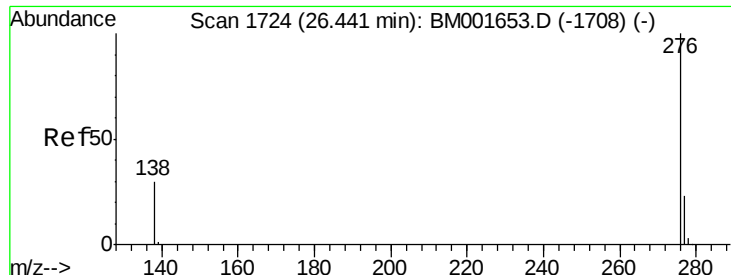
Delta R.T. 0.01 min

Lab File: BM001670.D

Acq: 12 Jun 2015 10:16

Tgt Ion:	252	Resp:	1282
Ion Ratio	Lower	Upper	
252	100		
253	41.6	17.4	26.0#
125	48.7	14.0	21.0#





#37
 Benzo(g,h,i)perylene
 Concen: 0.16 ng
 RT: 26.45 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BM001670.D
 Acq: 12 Jun 2015 10:16

Instrument :
 BNA_M
 ClientSampleId :
 FM9W

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	34.7	19.3	28.9#	
138	45.3	25.0	37.4#	

Manual Integrations
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