

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001583.D
 Acq On : 06 Jun 2015 08:05
 Operator : TP/IZ
 Sample : PB83802BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BL

Manual Integrations
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Quant Time: Jun 08 05:50:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	25608	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	92259	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	44471	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	59014	5.00	ng	0.00
25) Chrysene-d12	21.28	240	63973	5.00	ng	0.00
32) Perylene-d12	23.51	264	56179	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	60660	10.73	ng	0.00
5) Phenol-d6	6.84	99	76472	11.00	ng	0.00
7) Nitrobenzene-d5	8.85	82	45640	7.26	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	21729	10.22	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	99435	7.26	ng	0.00
27) Terphenyl-d14	19.72	244	63603	7.70	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.75	266	171	0.18	ng	# 88
28) Benzo(a)anthracene	21.27	228	571m	0.03	ng	
29) Chrysene	21.31	228	416m	0.02	ng	# 95
31) Indeno(1,2,3-cd)pyrene	25.77	276	928	0.05	ng	
36) Dibenzo(a,h)anthracene	25.79	278	839	0.06	ng	# 61
37) Benzo(g,h,i)perylene	26.46	276	762	0.05	ng	# 69

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

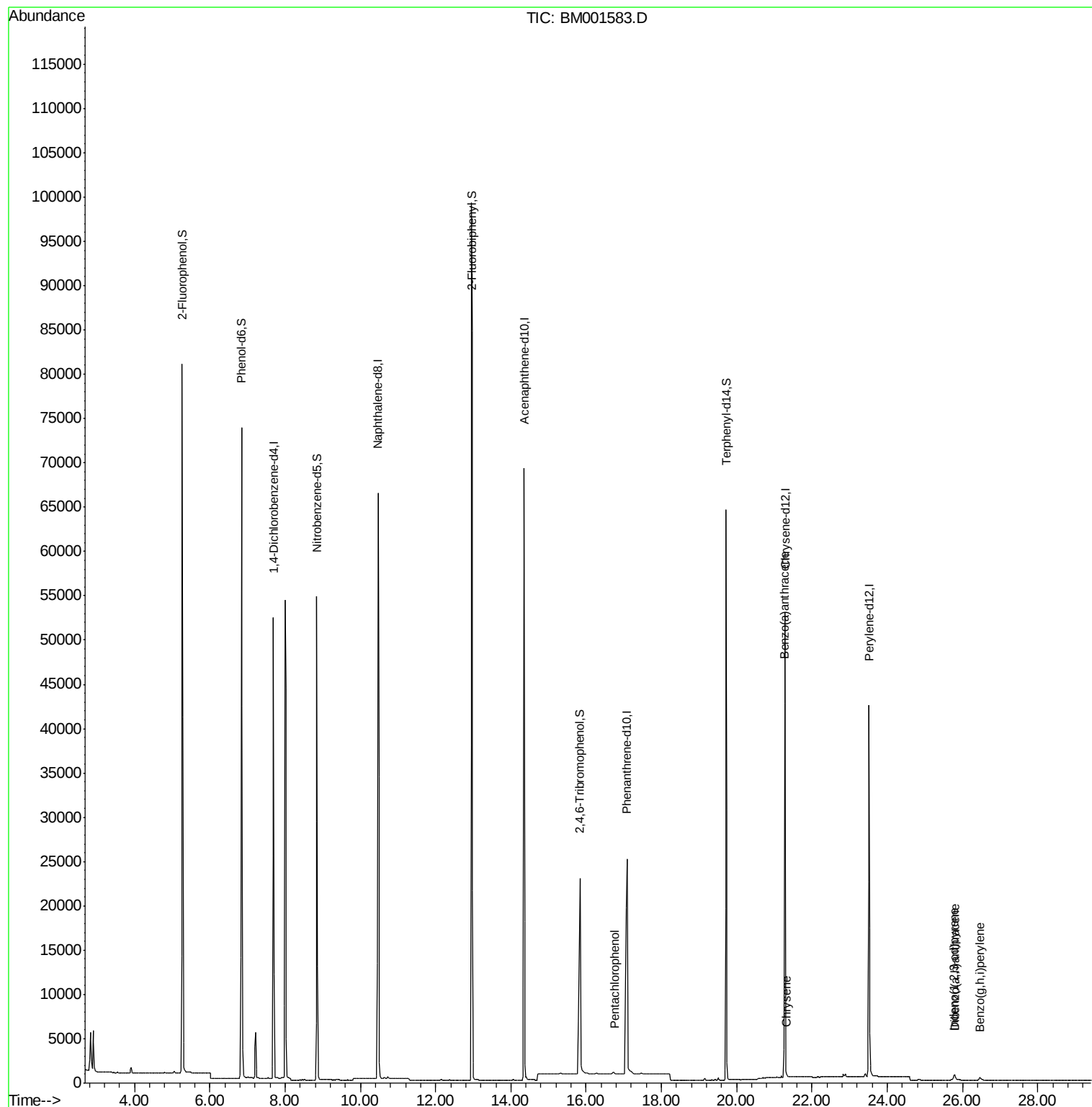
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001583.D
Acq On : 06 Jun 2015 08:05
Operator : TP/IZ
Sample : PB83802BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

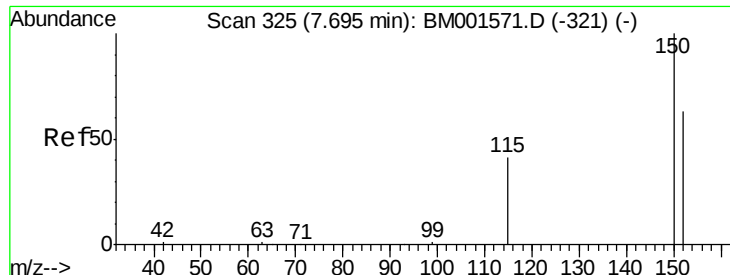
Instrument :
BNA_M
ClientSampleId :
PB83802BL

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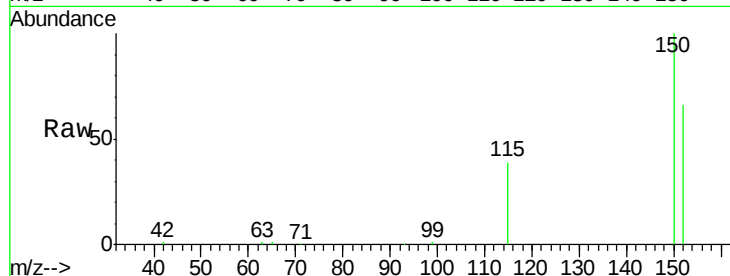
Quant Time: Jun 08 05:50:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 05:27:25 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.70 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: BM001583.D
 Acq: 06 Jun 2015 08:05

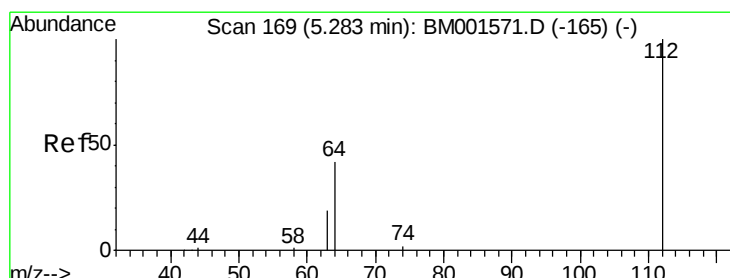
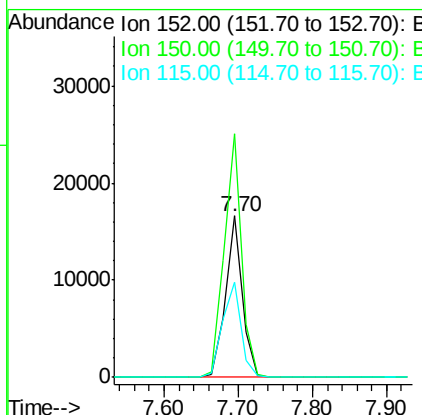
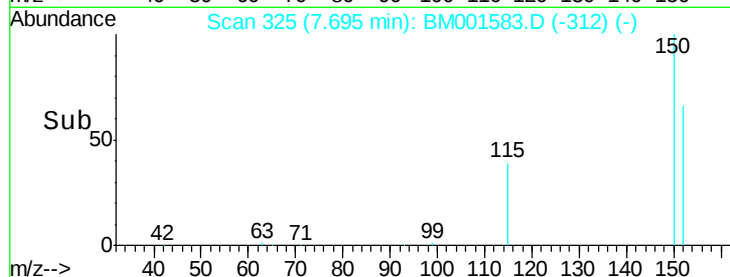
Instrument :
 BNA_M
 ClientSampleId :
 PB83802BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	190.0
115	58.9	51.6	77.4

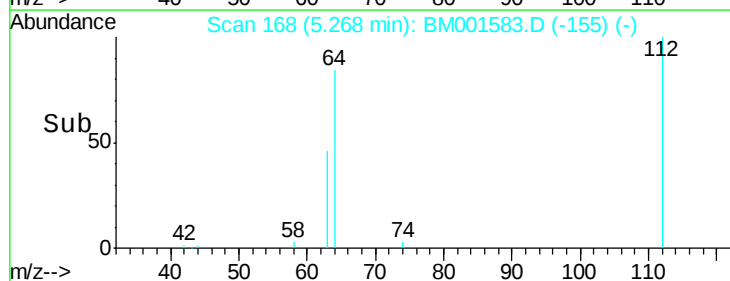
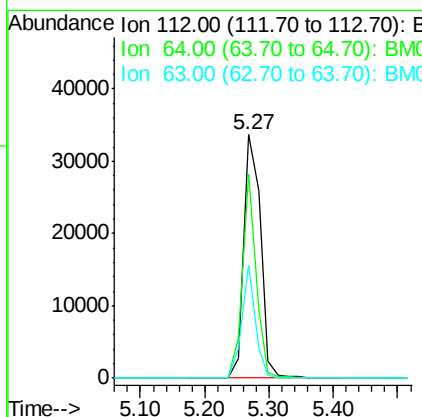
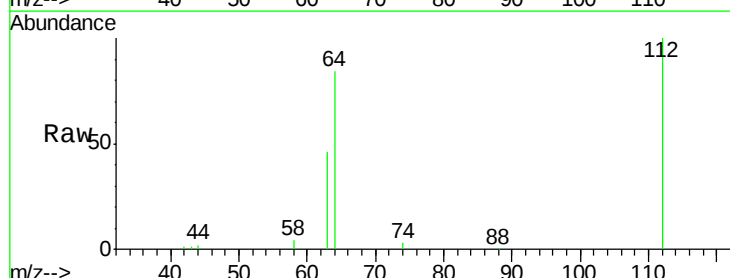
Manual Integrations
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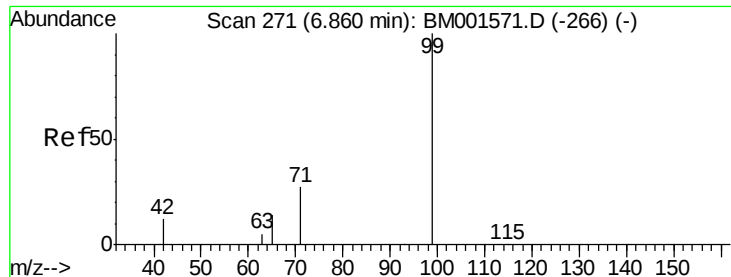
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#4
 2-Fluorophenol
 Concen: 10.73 ng
 RT: 5.27 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: BM001583.D
 Acq: 06 Jun 2015 08:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.3	79.9
63	37.2	29.7	44.5





#5

Phenol-d6

Concen: 11.00 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001583.D

Acq: 06 Jun 2015 08:05

Instrument :

BNA_M

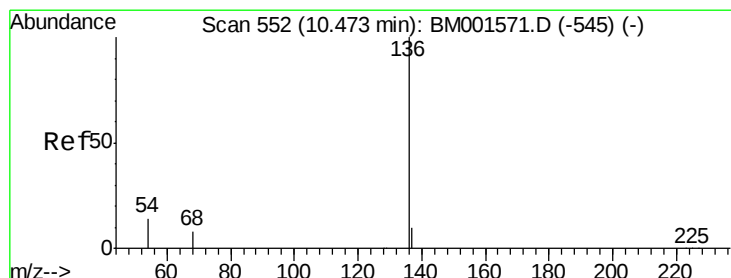
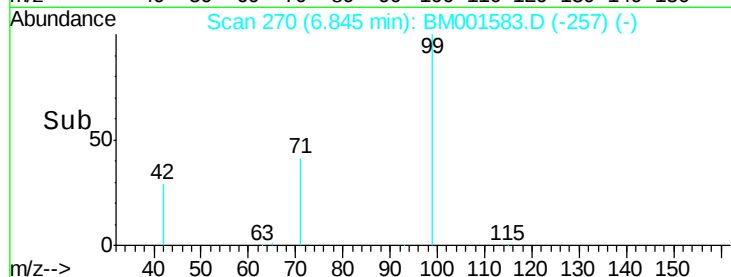
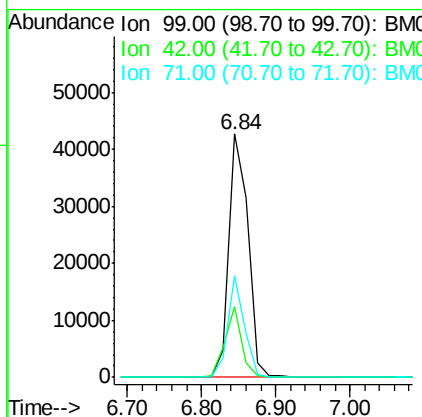
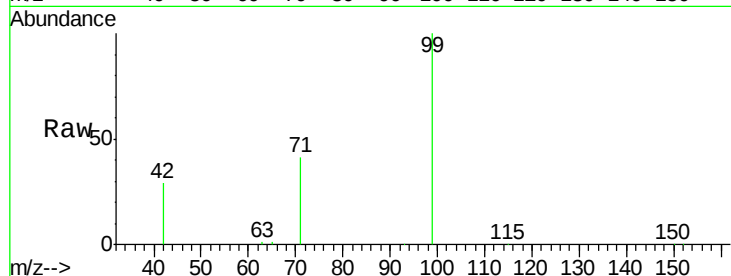
ClientSampleId :

PB83802BL

Tgt Ion:	99	Resp:	76472
Ion Ratio	Lower	Upper	
99	100		
42	25.2	21.4	32.2
71	35.7	29.0	43.4

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#6

Naphthalene-d8

Concen: 5.00 ng

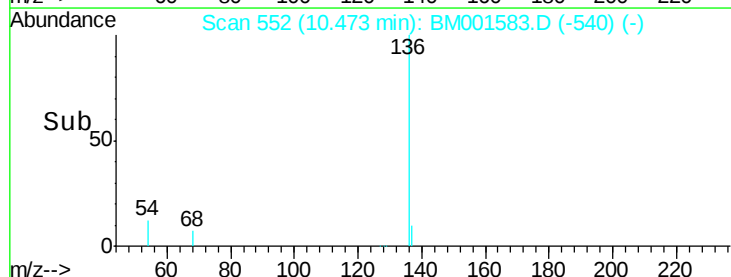
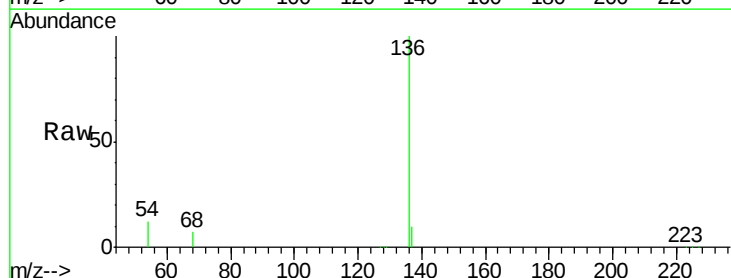
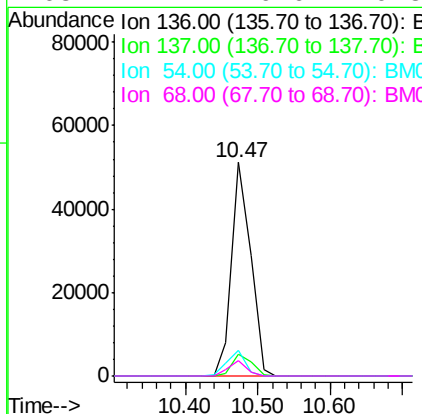
RT: 10.47 min Scan# 552

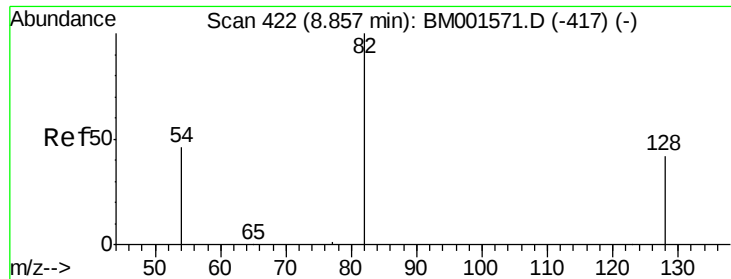
Delta R.T. -0.00 min

Lab File: BM001583.D

Acq: 06 Jun 2015 08:05

Tgt Ion:	136	Resp:	92259
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.1	12.1
54	12.0	11.7	17.5
68	7.1	6.6	9.8





#7

Nitrobenzene-d5

Concen: 7.26 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001583.D

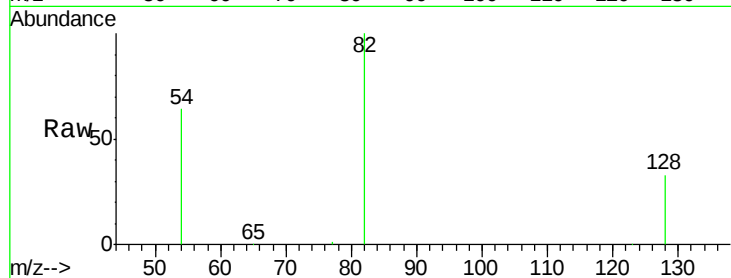
Acq: 06 Jun 2015 08:05

Instrument :

BNA_M

ClientSampleId :

PB83802BL



Tgt Ion: 82 Resp: 45640

Ion Ratio Lower Upper

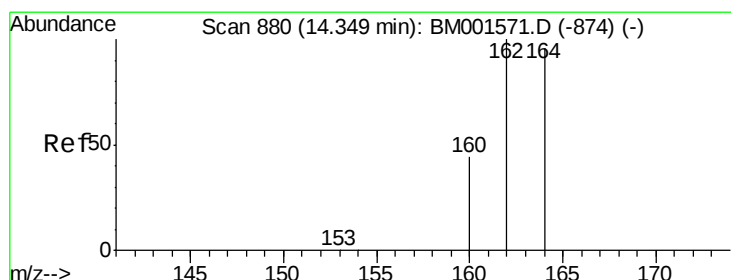
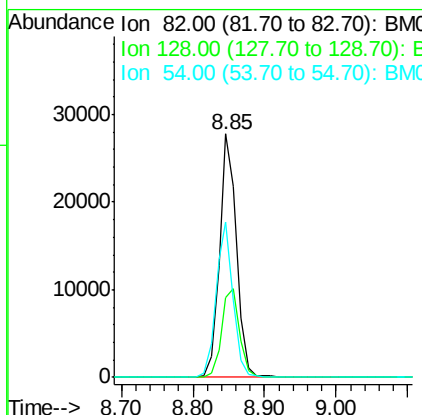
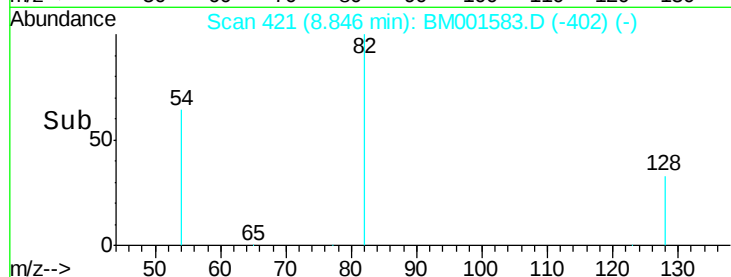
82 100

128 32.8 34.1 51.1#

54 63.7 37.8 56.6#

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#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001583.D

Acq: 06 Jun 2015 08:05

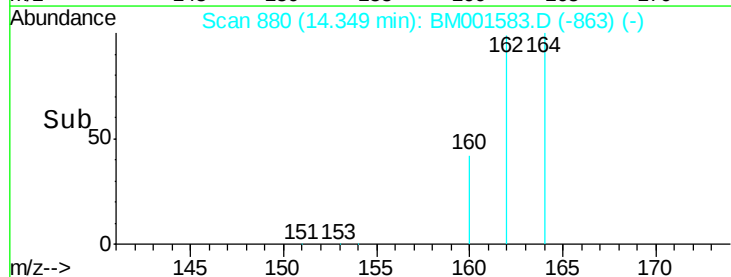
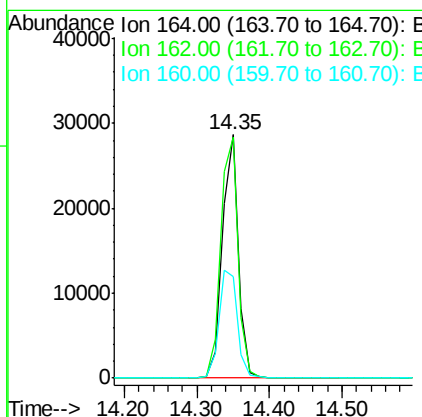
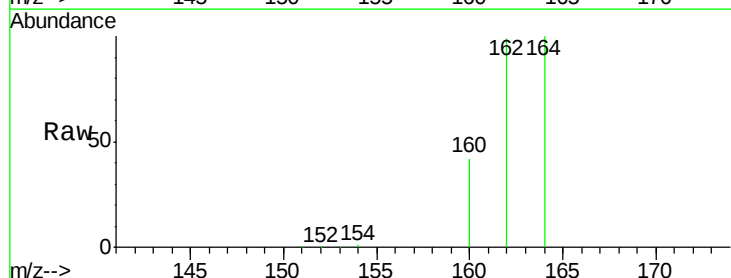
Tgt Ion: 164 Resp: 44471

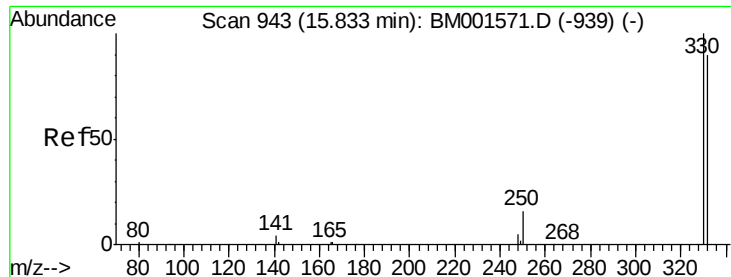
Ion Ratio Lower Upper

164 100

162 99.0 83.8 125.6

160 41.9 37.1 55.7





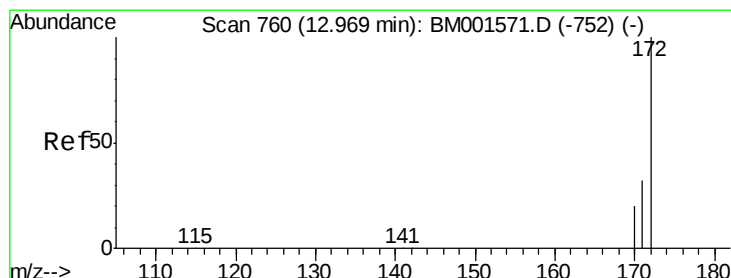
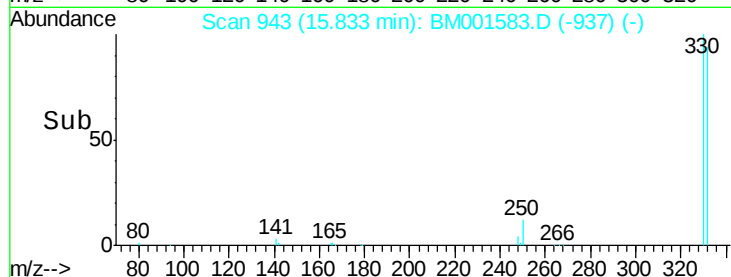
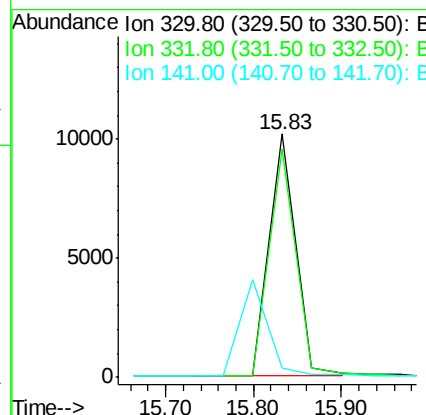
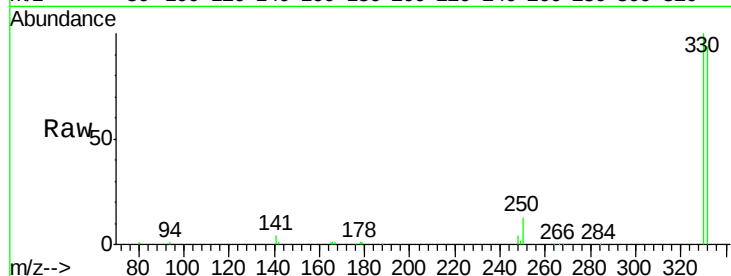
#13
 2,4,6-Tribromophenol
 Concen: 10.22 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM001583.D
 Acq: 06 Jun 2015 08:05

Instrument :
 BNA_M
 ClientSampleId :
 PB83802BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	72.0	108.0
141	0.0	0.0	0.0

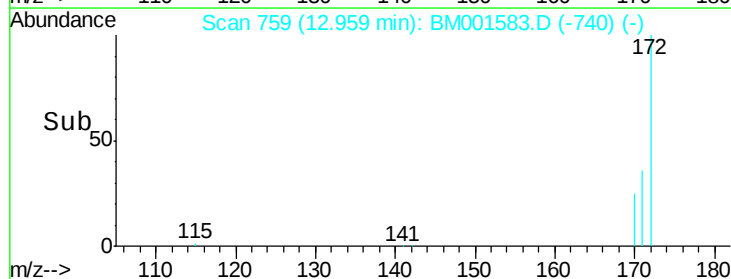
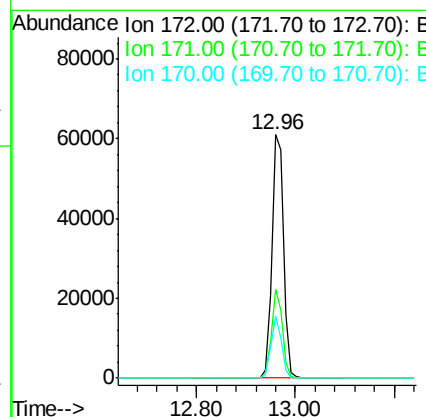
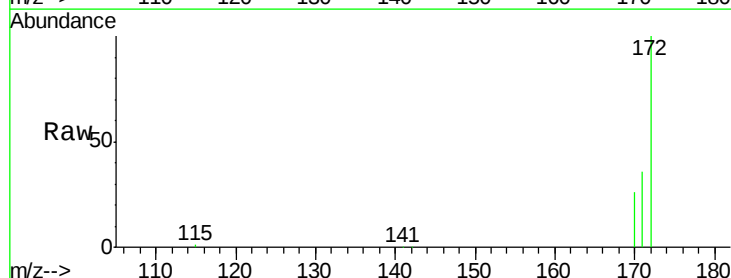
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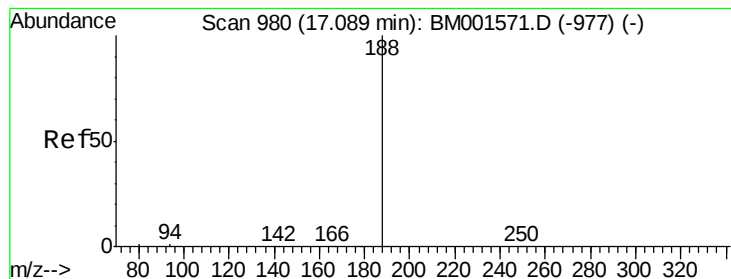
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#14
 2-Fluorobiphenyl
 Concen: 7.26 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BM001583.D
 Acq: 06 Jun 2015 08:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.2	39.2
170	25.5	16.1	24.1





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001583.D

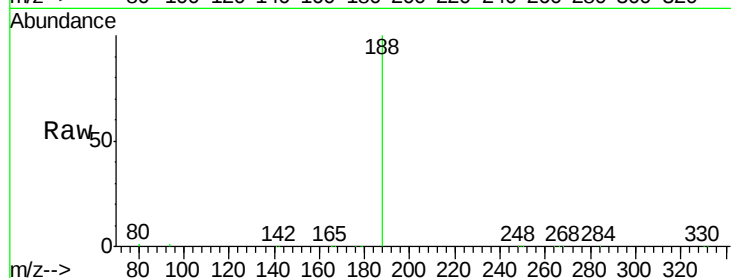
Acq: 06 Jun 2015 08:05

Instrument :

BNA_M

ClientSampleId :

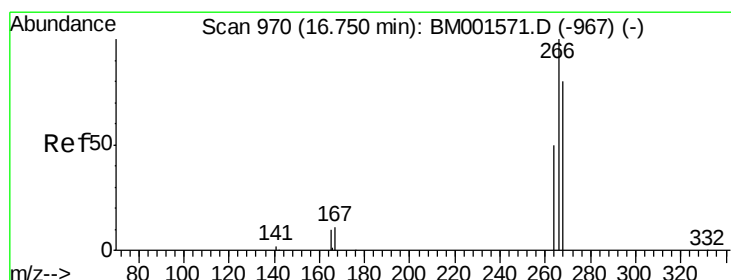
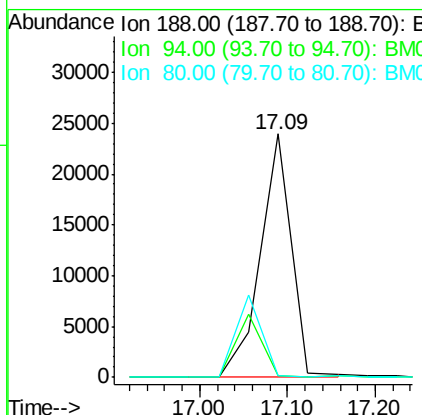
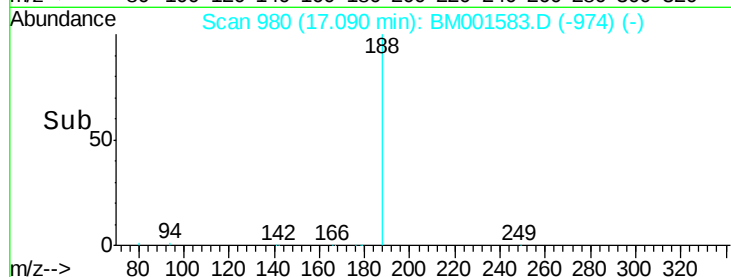
PB83802BL



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	59014		
94	0.9		0.7	1.1
80	0.9		0.6	1.0

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#21

Pentachlorophenol

Concen: 0.18 ng

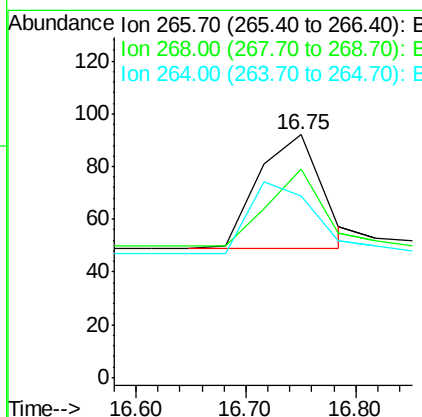
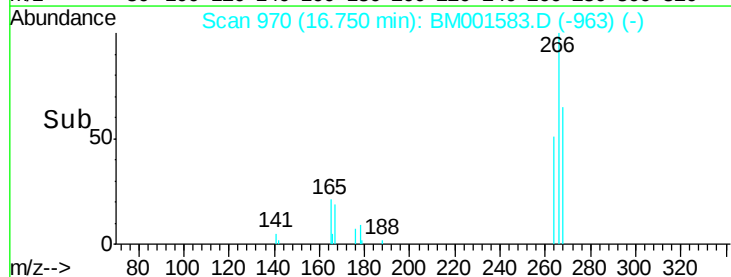
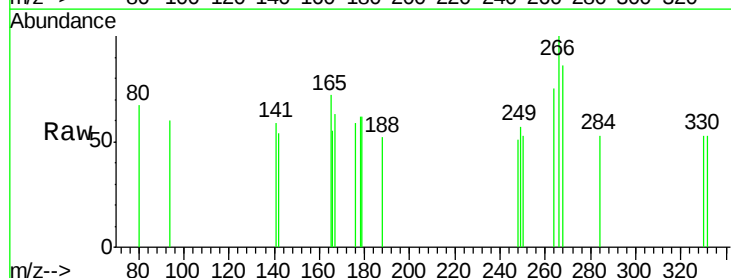
RT: 16.75 min Scan# 970

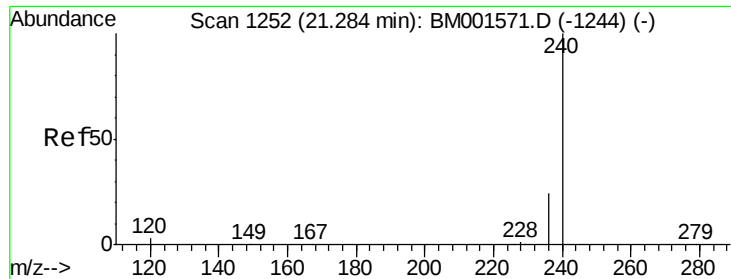
Delta R.T. 0.03 min

Lab File: BM001583.D

Acq: 06 Jun 2015 08:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	171		
268	85.9		66.3	99.5
264	75.0		45.5	68.3#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001583.D

Acq: 06 Jun 2015 08:05

Instrument :

BNA_M

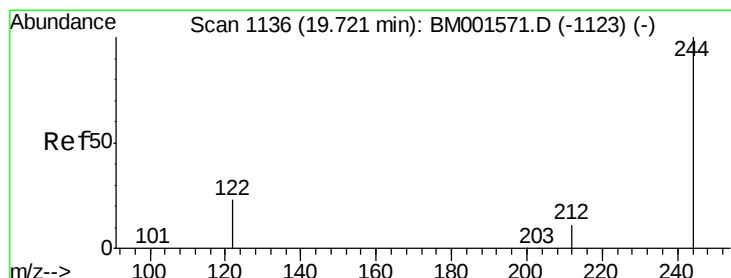
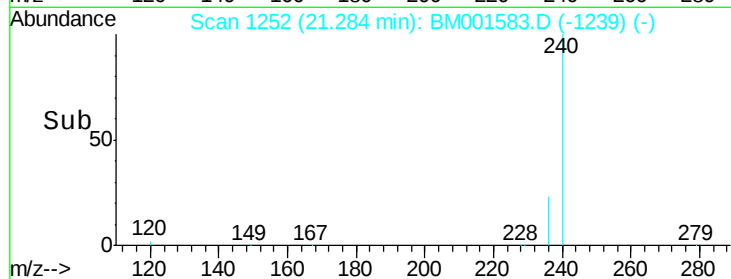
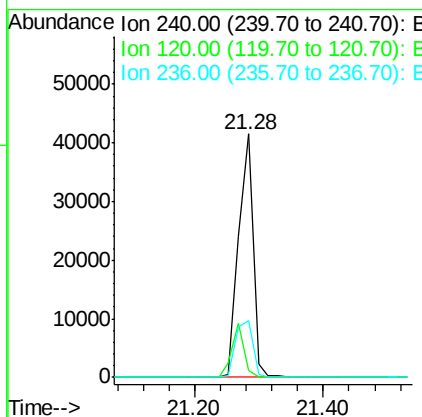
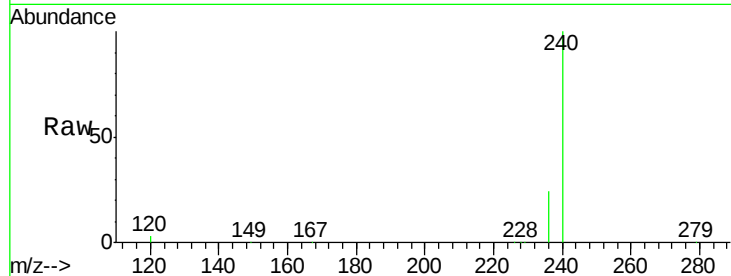
ClientSampleId :

PB83802BL

Tgt Ion:	240	Resp:	63973
Ion Ratio	Lower	Upper	
240	100		
120	2.6	2.2	3.2
236	23.6	19.5	29.3

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#27

Terphenyl-d14

Concen: 7.70 ng

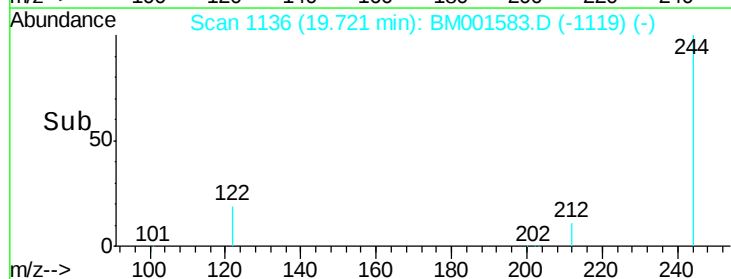
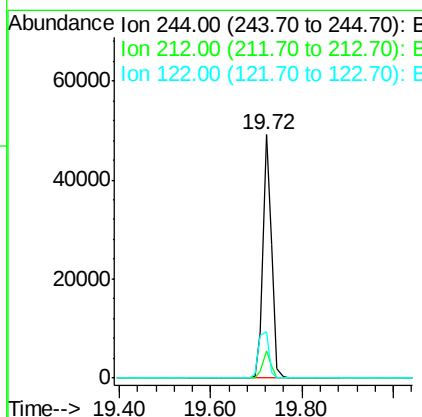
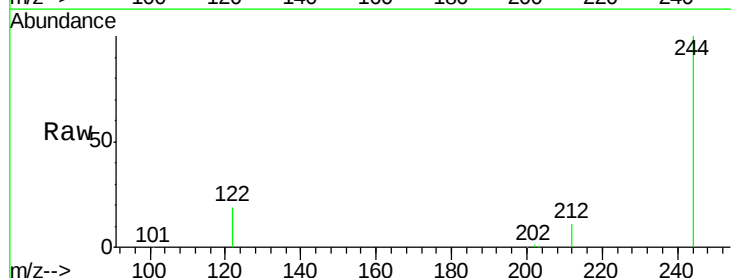
RT: 19.72 min Scan# 1136

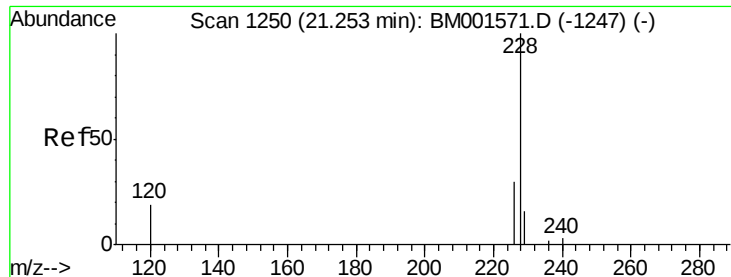
Delta R.T. -0.00 min

Lab File: BM001583.D

Acq: 06 Jun 2015 08:05

Tgt Ion:	244	Resp:	63603
Ion Ratio	Lower	Upper	
244	100		
212	11.2	9.6	14.4
122	19.1	19.0	28.4





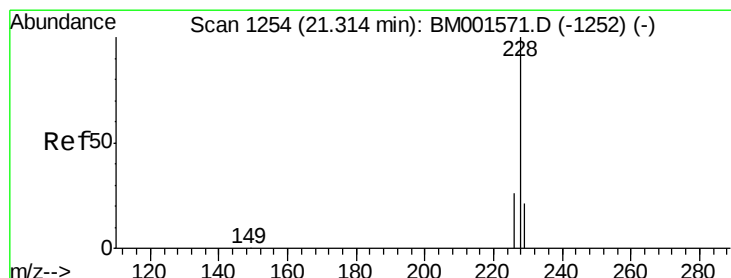
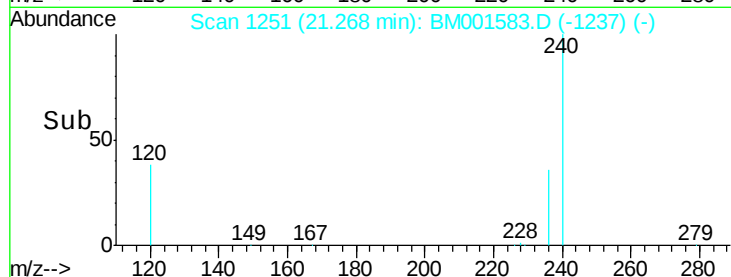
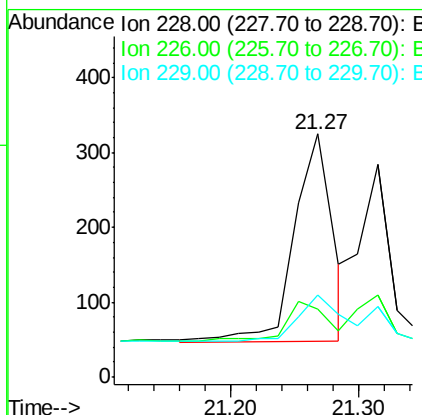
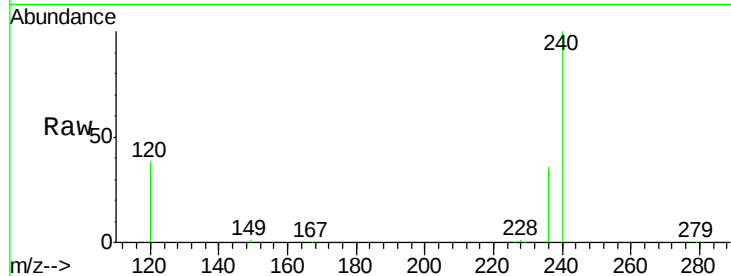
#28
Benzo(a)anthracene
Concen: 0.03 ng m
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001583.D
Acq: 06 Jun 2015 08:05

Instrument :
BNA_M
ClientSampleId :
PB83802BL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.8	37.2
229	33.8	13.4	20.0

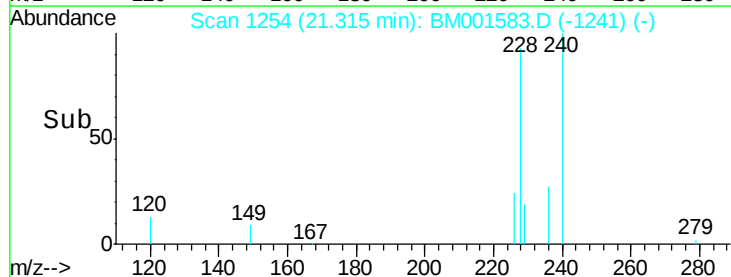
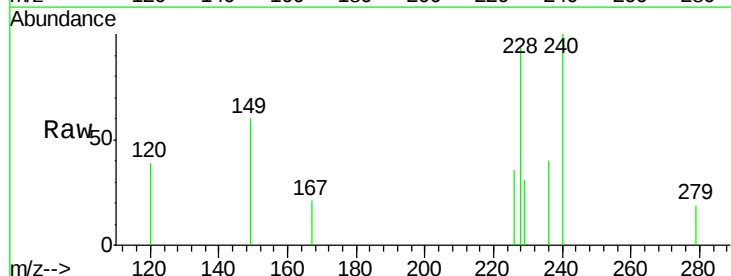
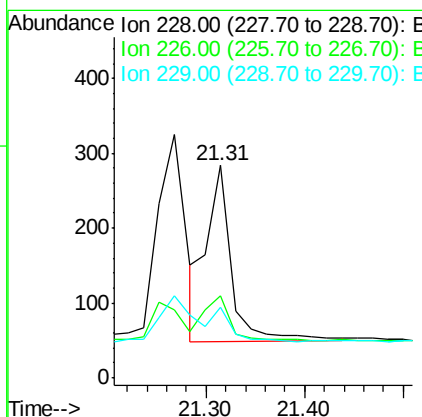
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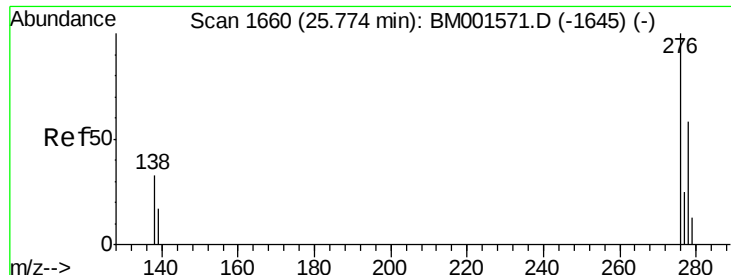
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#29
Chrysene
Concen: 0.02 ng m
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001583.D
Acq: 06 Jun 2015 08:05

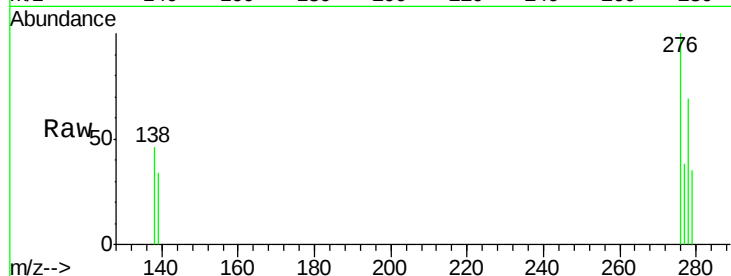
Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.7	21.0	31.6
229	33.5	17.2	25.8





#31
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.77 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BM001583.D
Acq: 06 Jun 2015 08:05

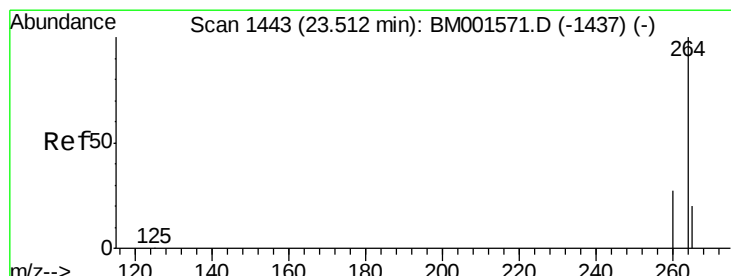
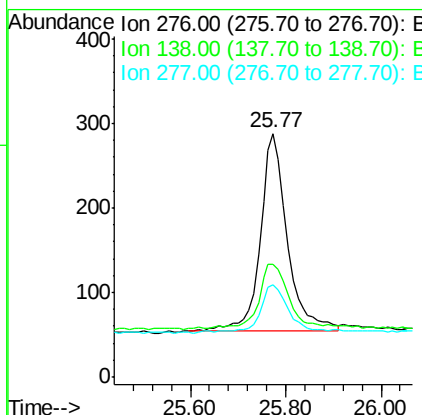
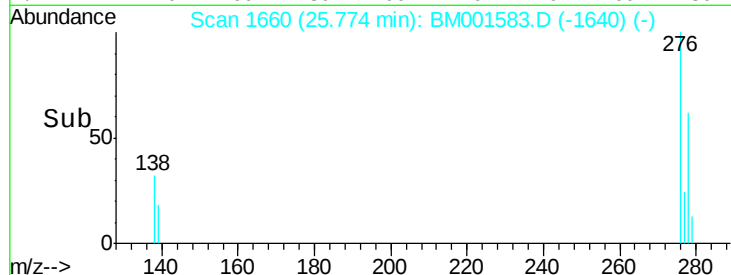
Instrument :
BNA_M
ClientSampleId :
PB83802BL



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	928		
138	39.1		28.0	42.0
277	23.3		19.7	29.5

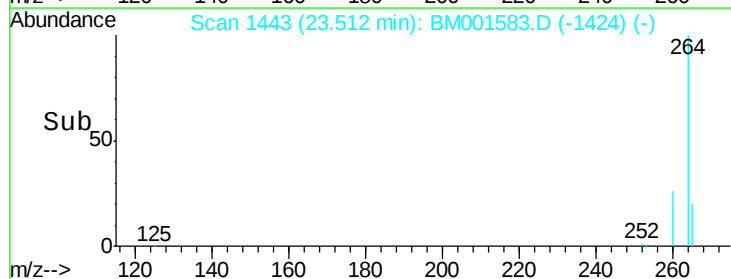
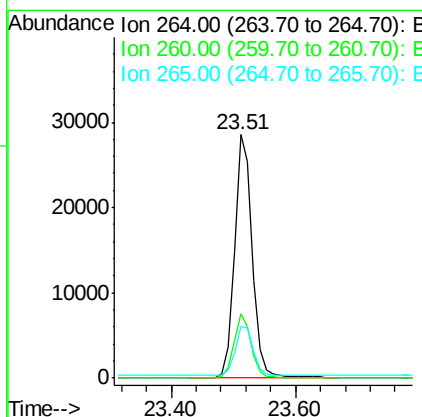
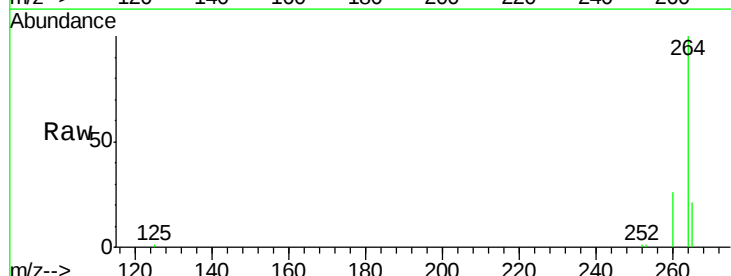
Manual Integrations
APPROVED

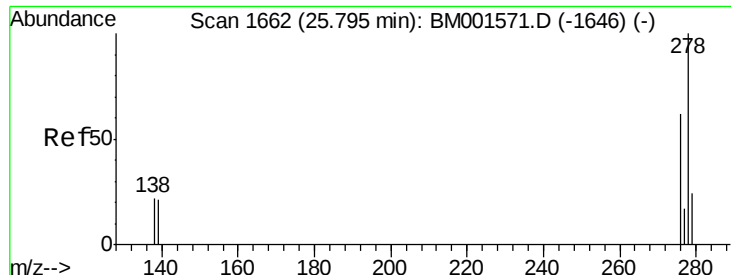
apatel
6/8/2015 2:48:09 PM



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BM001583.D
Acq: 06 Jun 2015 08:05

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	56179		
260	26.5		21.6	32.4
265	21.0		16.5	24.7





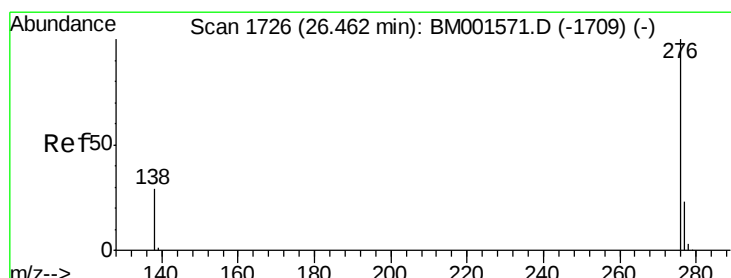
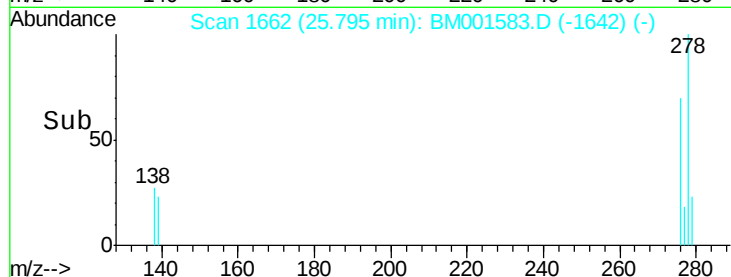
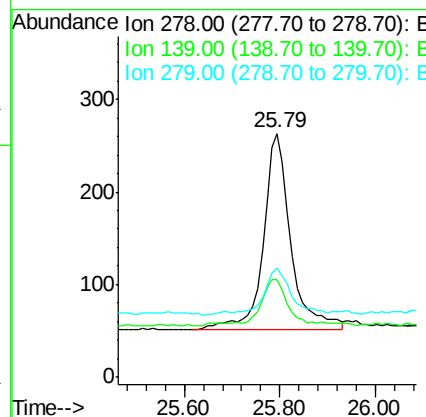
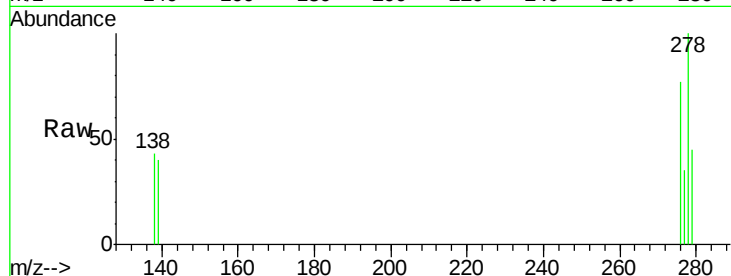
#36
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 25.79 min Scan# 1662
Delta R.T. 0.01 min
Lab File: BM001583.D
Acq: 06 Jun 2015 08:05

Instrument :
BNA_M
ClientSampleId :
PB83802BL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.9	17.4	26.0#
279	44.9	20.0	30.0#

Manual Integrations
APPROVED

apatel
6/8/2015 2:48:09 PM



#37
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 26.46 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM001583.D
Acq: 06 Jun 2015 08:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.6	19.2	28.8#
138	46.4	23.7	35.5#

