

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004463.D
 Acq On : 28 Feb 2016 23:57
 Operator : SJ/UM
 Sample : PB88423BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

Manual Integrations
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 2/29/2016 2:49:30 PM

Quant Time: Feb 29 06:49:42 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 05:57:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13483	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	43865	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	27213	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	50630	5.00	ng	0.00
19) Chrysene-d12	21.24	240	60048	5.00	ng	0.00
28) Perylene-d12	23.46	264	50027	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	20640	6.96	ng	0.00
5) Phenol-d6	6.80	99	24959	7.42	ng	-0.03
8) Nitrobenzene-d5	8.79	82	9215	3.80	ng	0.00
13) 2,4,6-Tribromophenol	15.78	330	7784m	5.66	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	33799	4.07	ng	0.00
22) Terphenyl-d14	19.67	244	28540	3.73	ng	-0.02

Target Compounds Qvalue

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

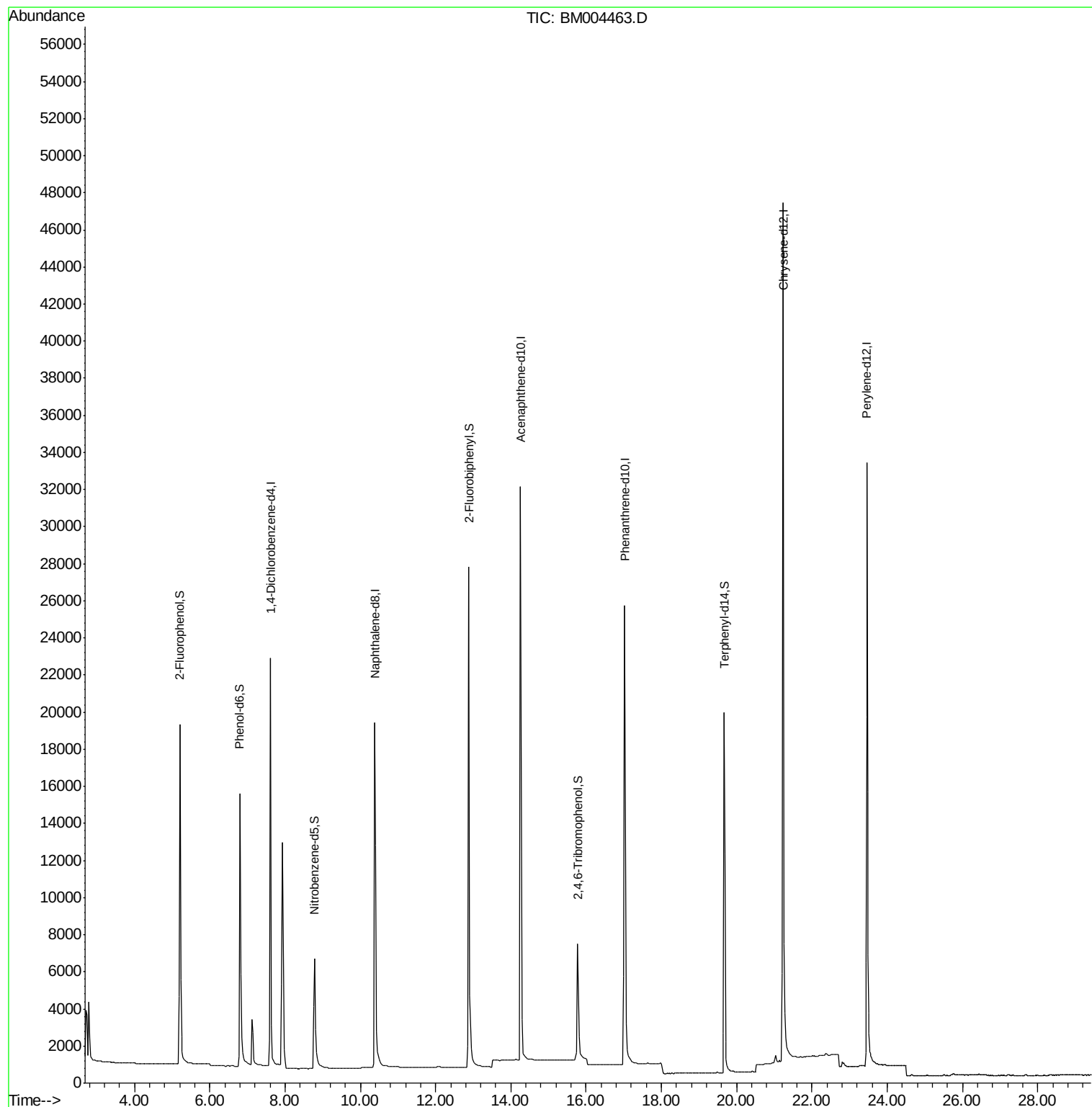
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
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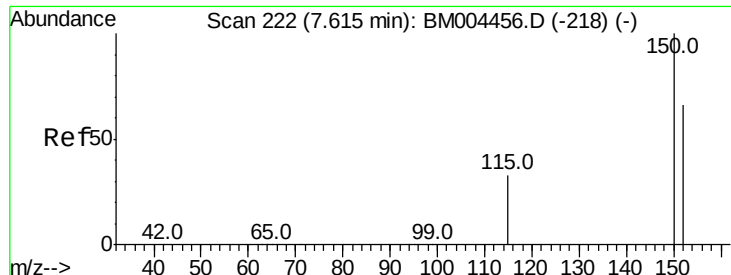
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 222

Delta R.T. 0.00 min

Lab File: BM004463.D

Acq: 28 Feb 2016 23:57

Instrument :

BNA_M

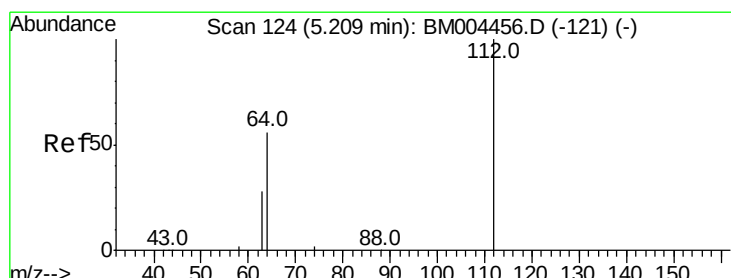
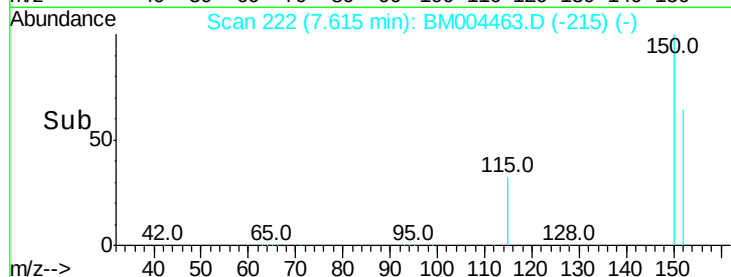
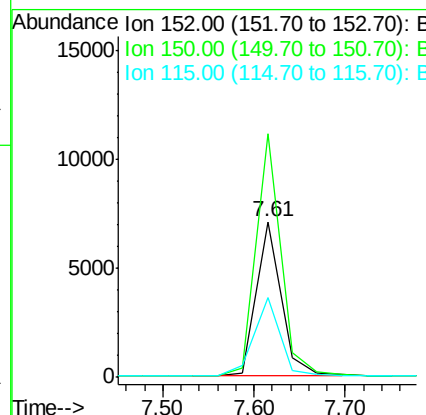
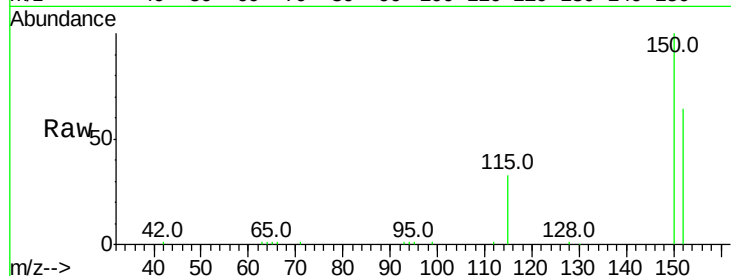
ClientSampleId :

PB88423BL

Tot Ion:	152	Resp:	13483
Ion Ratio	Lower	Upper	
152	100		
150	156.5	123.9	185.9
115	51.3	40.6	61.0

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#4

2-Fluorophenol

Concen: 6.96 ng

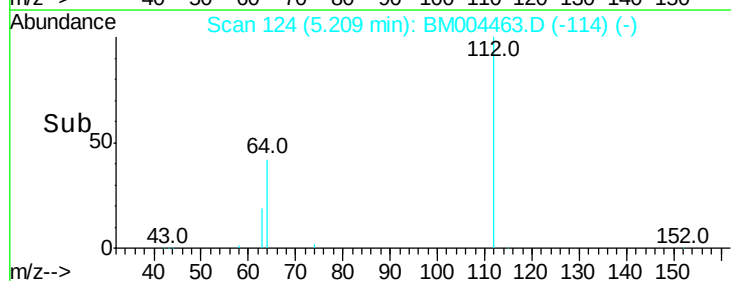
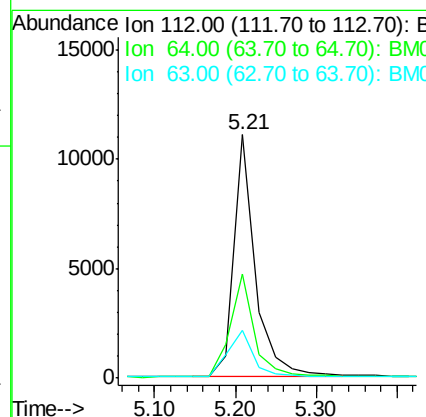
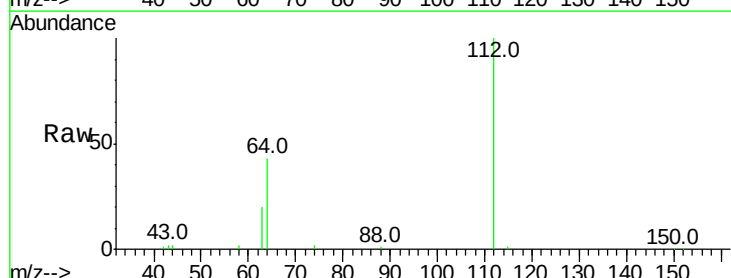
RT: 5.21 min Scan# 124

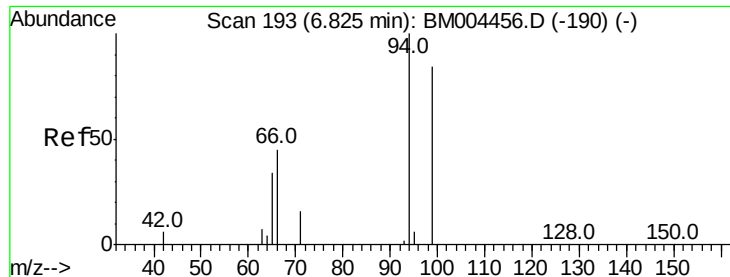
Delta R.T. 0.00 min

Lab File: BM004463.D

Acq: 28 Feb 2016 23:57

Tgt Ion:	112	Resp:	20640
Ion Ratio	Lower	Upper	
112	100		
64	47.3	39.4	59.2
63	23.6	19.9	29.9





#5

Phenol-d6

Concen: 7.42 ng

RT: 6.80 min Scan# 192

Delta R.T. -0.03 min

Lab File: BM004463.D

Acq: 28 Feb 2016 23:57

Instrument :

BNA_M

ClientSampleId :

PB88423BL

Tot Ion: 99 Resp: 24959

Ion Ratio Lower Upper

99 100

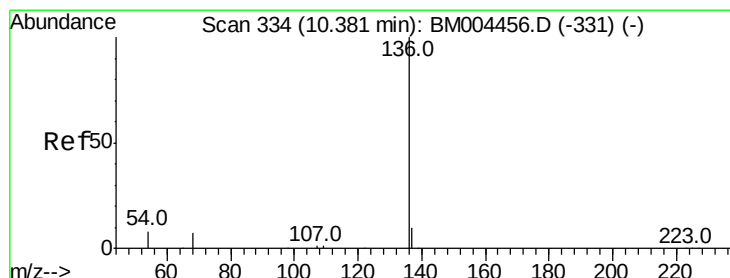
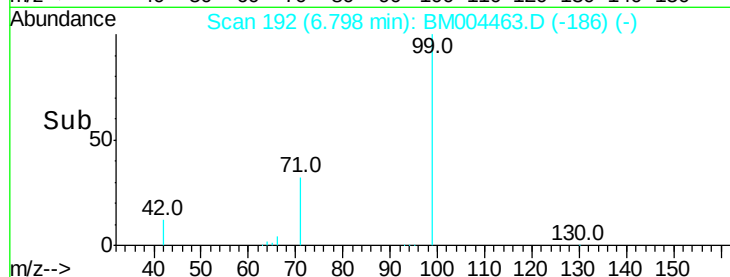
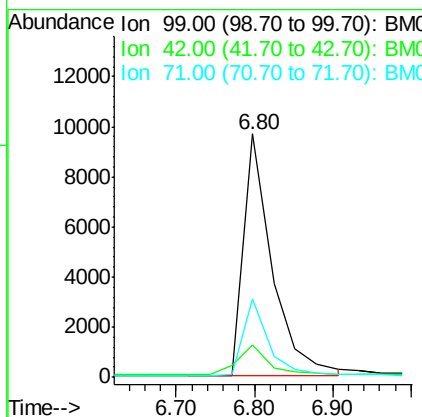
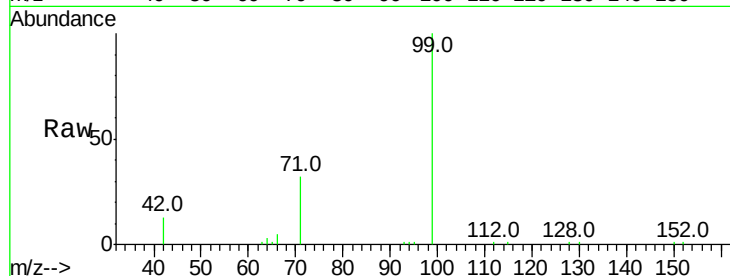
42 13.2 0.0 0.0#

71 28.9 0.0 0.0#

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#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. 0.00 min

Lab File: BM004463.D

Acq: 28 Feb 2016 23:57

Tgt Ion: 136 Resp: 43865

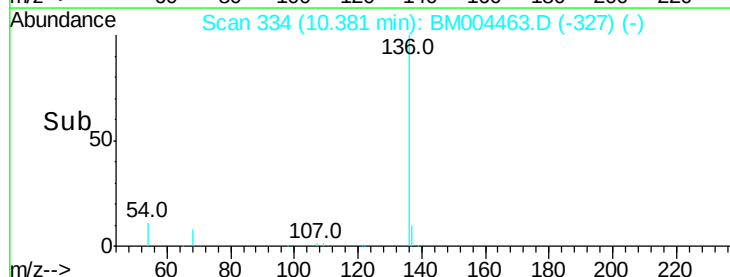
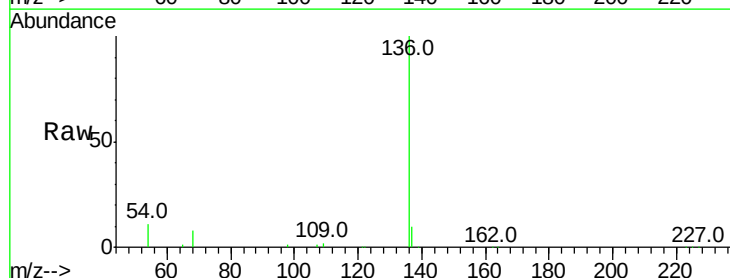
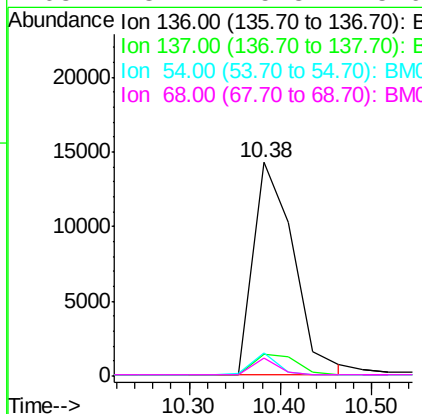
Ion Ratio Lower Upper

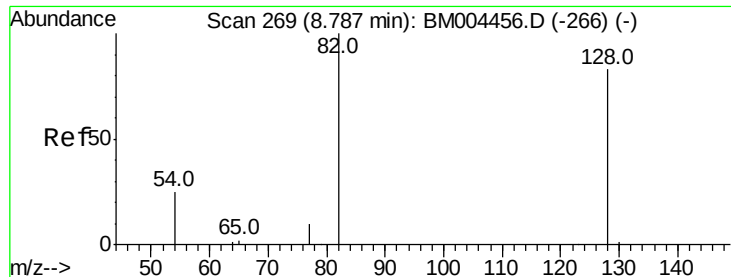
136 100

137 9.9 8.0 12.0

54 10.9 7.0 10.6#

68 8.4 5.8 8.6





#8

Nitrobenzene-d5

Concen: 3.80 ng

RT: 8.79 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM004463.D

Acq: 28 Feb 2016 23:57

Instrument :

BNA_M

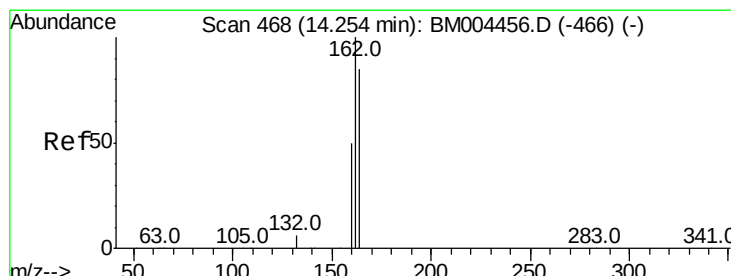
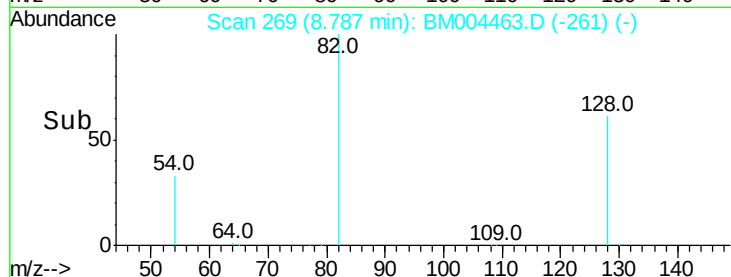
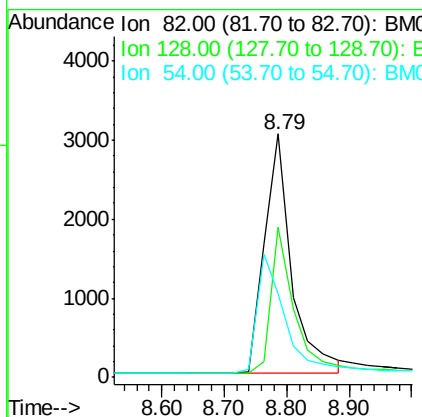
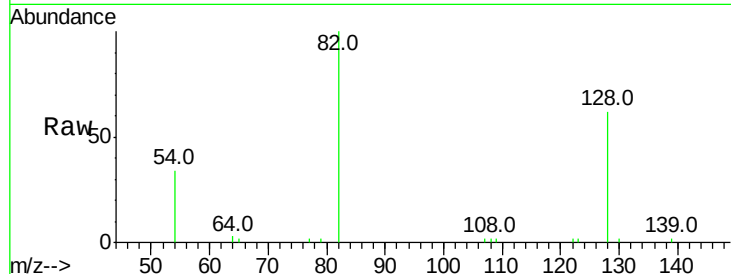
ClientSampleId :

PB88423BL

Tot Ion:	82	Resp:	9215
Ion Ratio	Lower	Upper	
82	100		
128	61.8	67.0	100.6#
54	34.3	25.2	37.8

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#12

Acenaphthene-d10

Concen: 5.00 ng

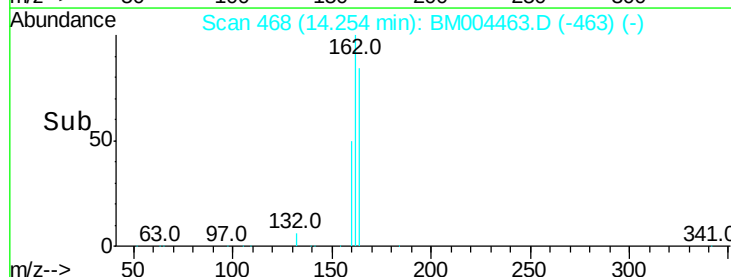
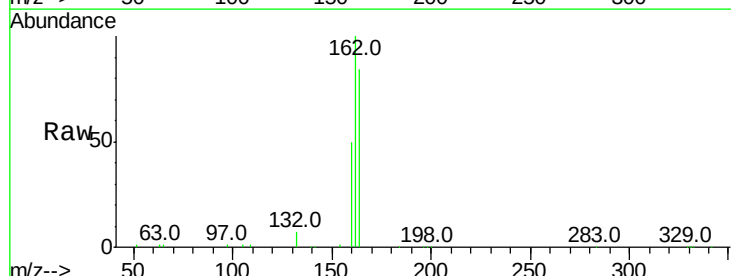
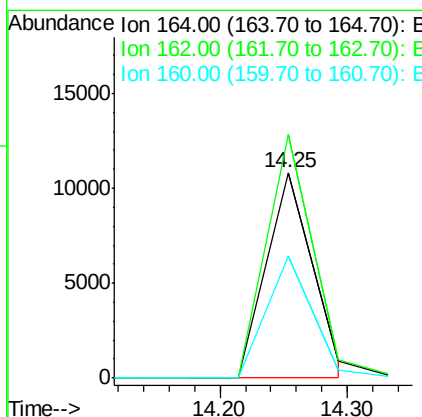
RT: 14.25 min Scan# 468

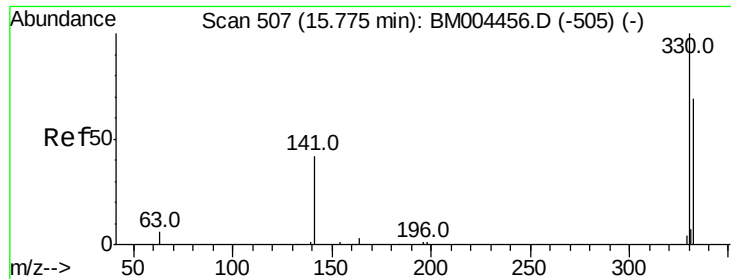
Delta R.T. -0.00 min

Lab File: BM004463.D

Acq: 28 Feb 2016 23:57

Tgt Ion:	164	Resp:	27213
Ion Ratio	Lower	Upper	
164	100		
162	118.6	94.6	141.8
160	59.2	47.0	70.4





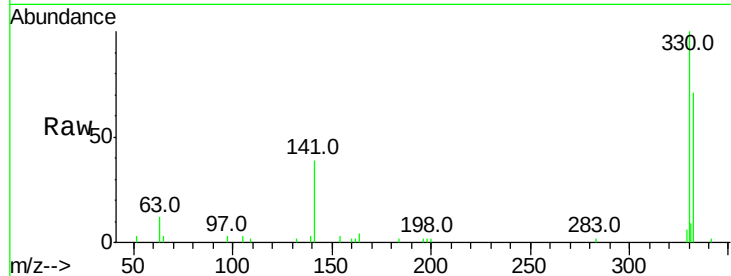
#13
 2,4,6-Tribromophenol
 Concen: 5.66 ng/ml
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004463.D
 Acq: 28 Feb 2016 23:57

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	72.6	59.2	88.8
141	34.4	33.0	49.4

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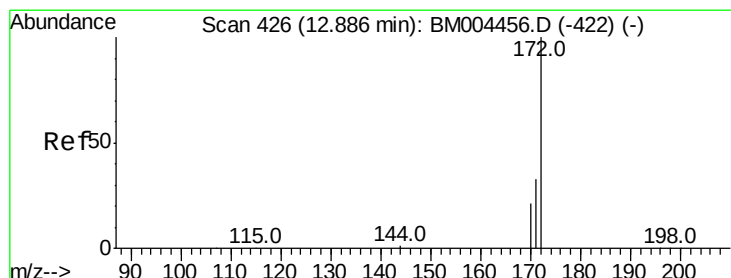
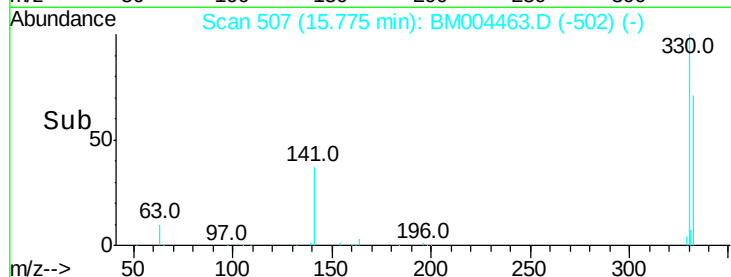
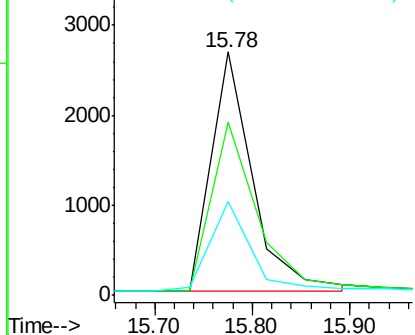


Abundance

Ion 329.80 (329.50 to 330.50): E

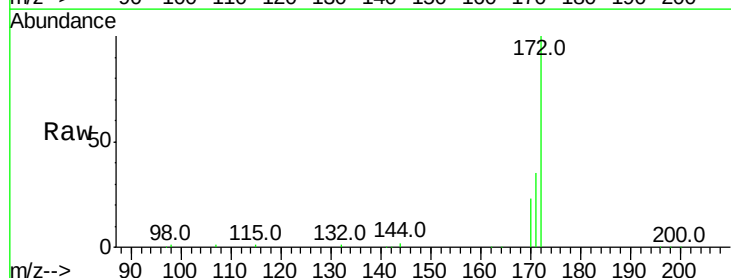
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#14
 2-Fluorobiphenyl
 Concen: 4.07 ng
 RT: 12.89 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BM004463.D
 Acq: 28 Feb 2016 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	22.8	17.4	26.0

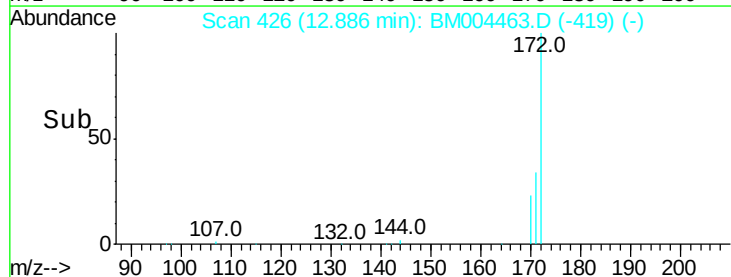
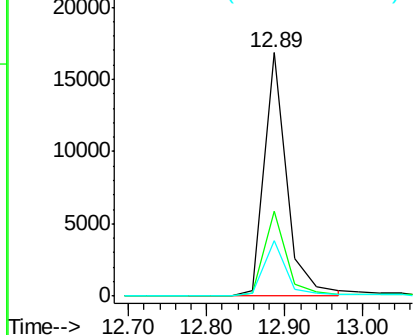


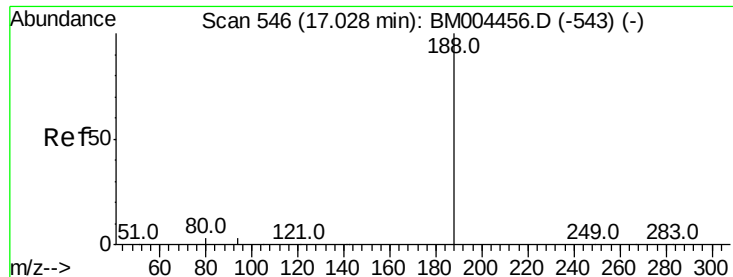
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





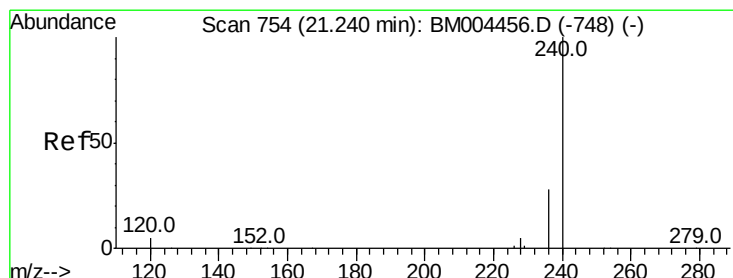
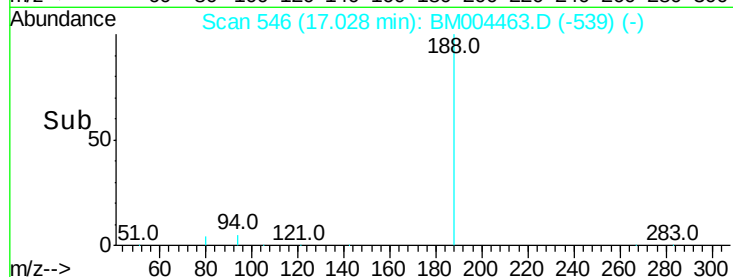
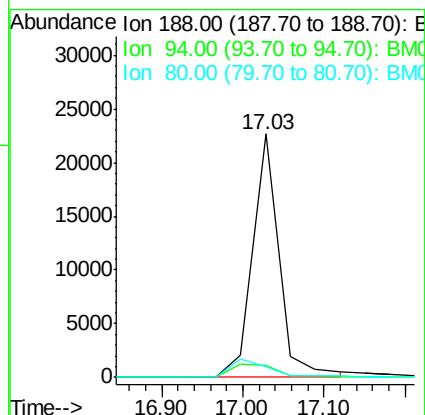
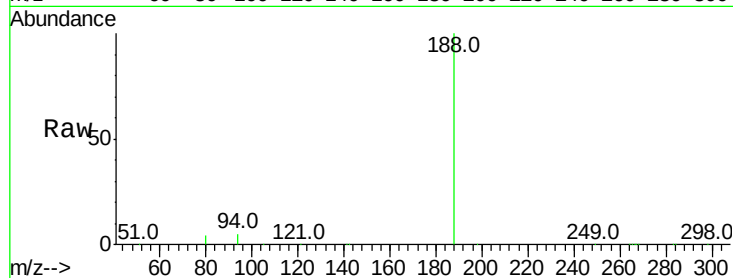
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.9	2.7	4.1#
80	4.5	2.2	3.4#

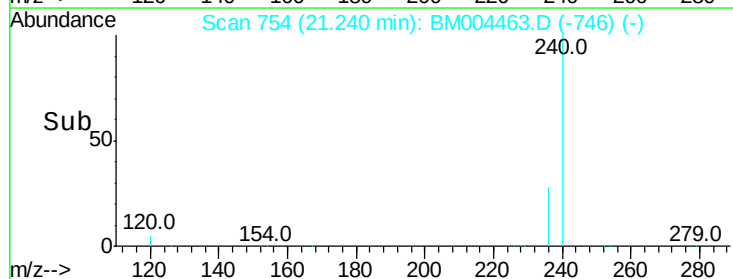
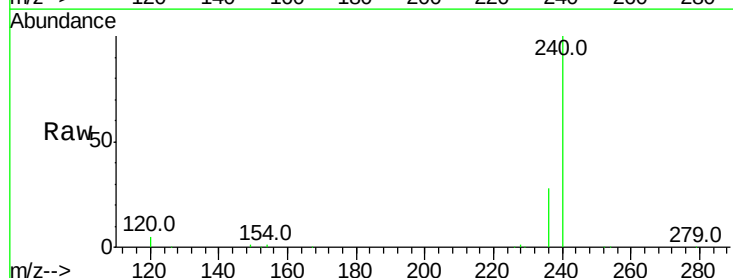
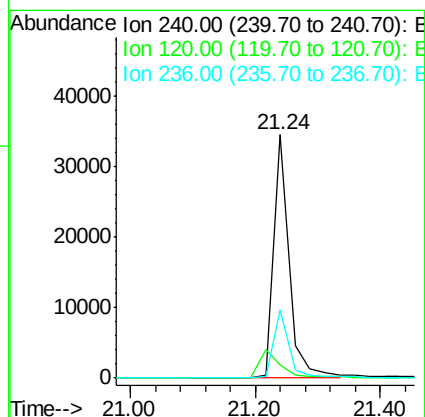
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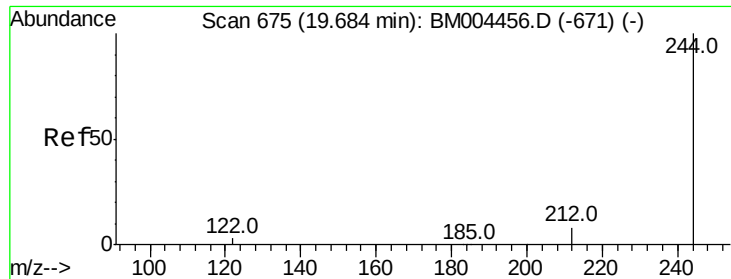
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#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM004463.D
Acq: 28 Feb 2016 23:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.2	4.0	6.0
236	28.3	22.7	34.1





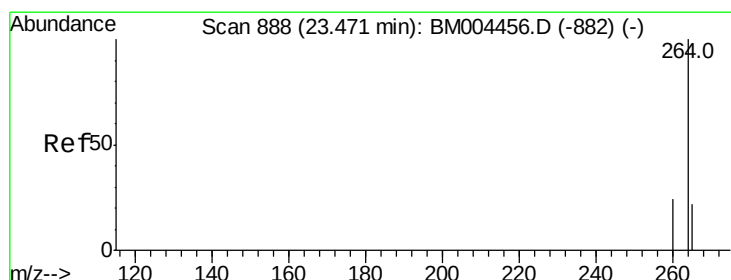
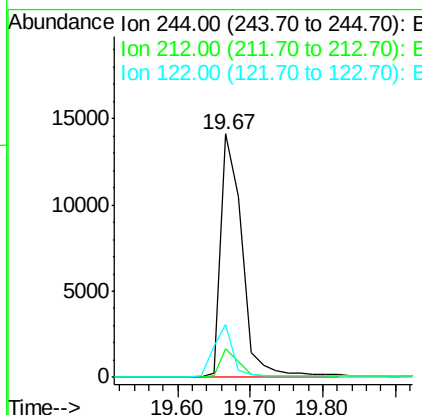
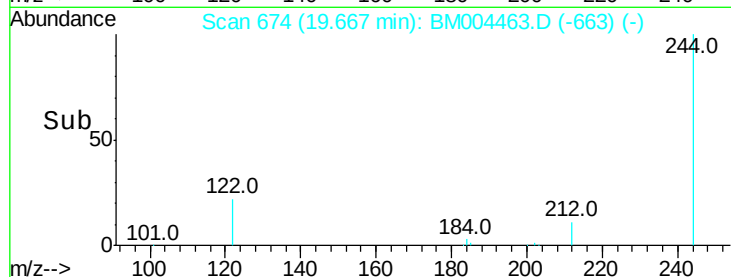
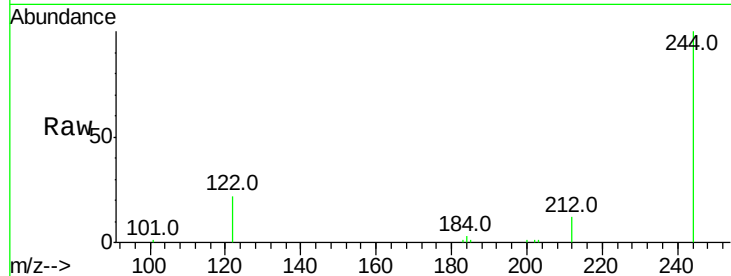
#22
 Terphenyl-d14
 Concen: 3.73 ng
 RT: 19.67 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BM004463.D
 Acq: 28 Feb 2016 23:57

Instrument :
 BNA_M
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 PB88423BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.7	7.4	11.2#
122	21.9	4.2	6.2#

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#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BM004463.D
 Acq: 28 Feb 2016 23:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.4	29.2
265	21.7	18.9	28.3

