

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001505.D
 Acq On : 31 May 2015 10:31
 Operator : TP/IZ
 Sample : PB83689BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83689BL

Manual Integrations
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Quant Time: Jun 01 05:56:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM053115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 31 07:43:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	12238	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	46126	5.00	ng	0.00
9) Acenaphthene-d10	14.06	164	24873	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	51229m	5.00	ng	0.00
17) Chrysene-d12	21.01	240	40332	5.00	ng	-0.01
21) Perylene-d12	23.11	264	36526	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.97	112	32243	13.39	ng	0.00
3) Phenol-d6	6.57	99	45033	14.33	ng	0.00
7) Nitrobenzene-d5	8.53	82	22271	8.94	ng	0.00
10) 2,4,6-Tribromophenol	15.56	330	13493m	15.31	ng	-0.01
11) 2-Fluorobiphenyl	12.67	172	64795	8.99	ng	0.00
18) Terphenyl-d14	19.46	244	50082	9.29	ng	0.00

Target Compounds Qvalue

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

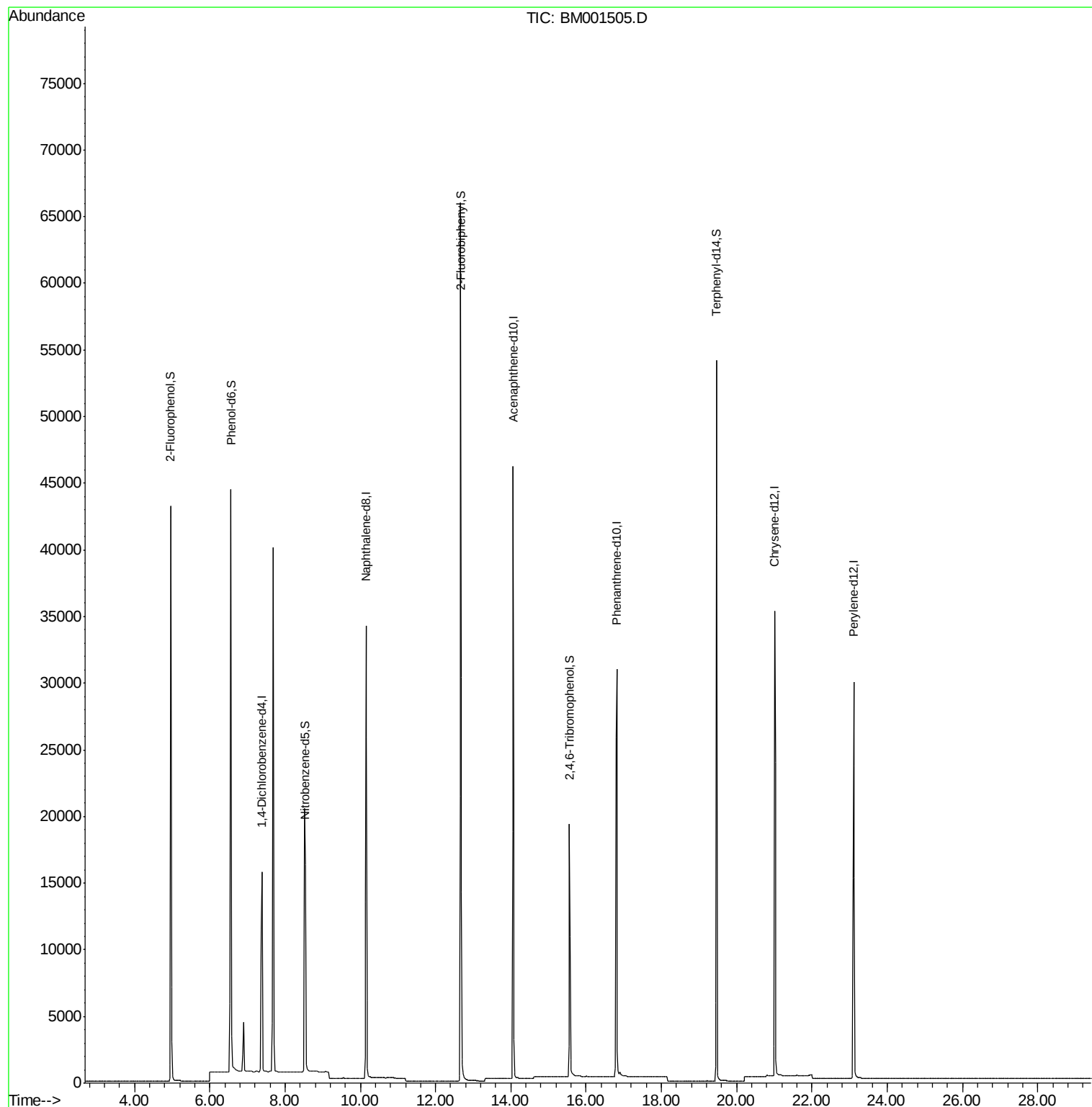
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
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ALS Vial : 34 Sample Multiplier: 1

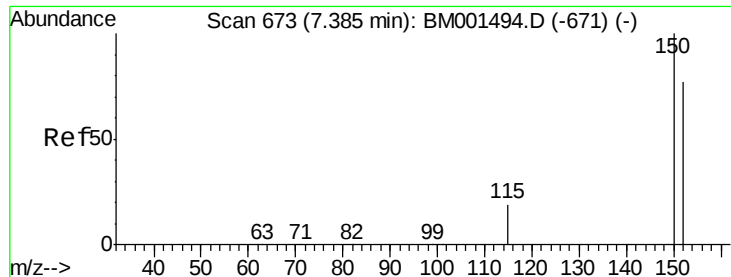
Instrument :
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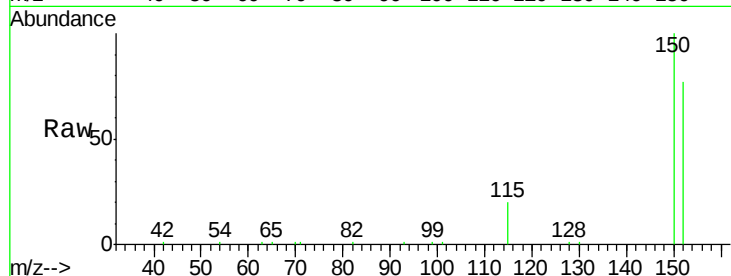




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001505.D
Acq: 31 May 2015 10:31

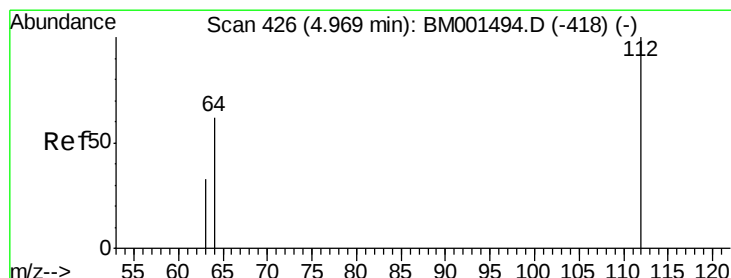
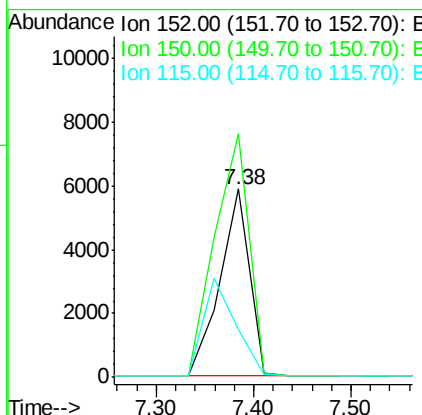
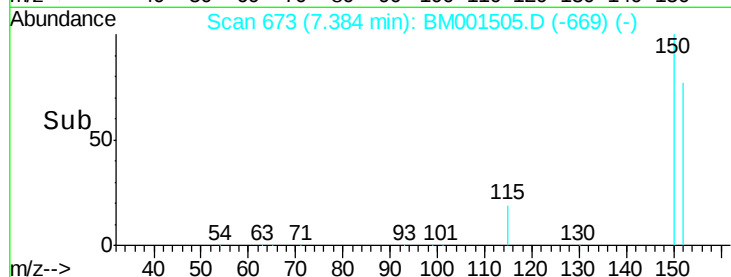
Instrument :
BNA_M
ClientSampleId :
PB83689BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	129.5	103.8	155.8
115	25.7	20.7	31.1

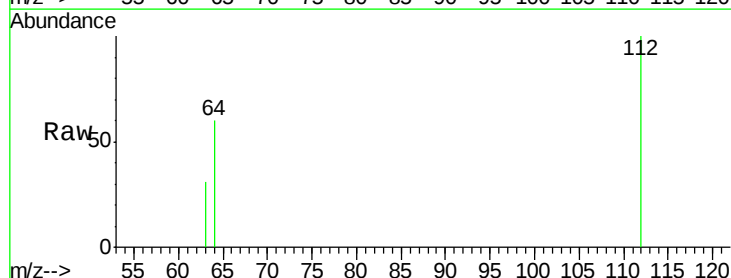
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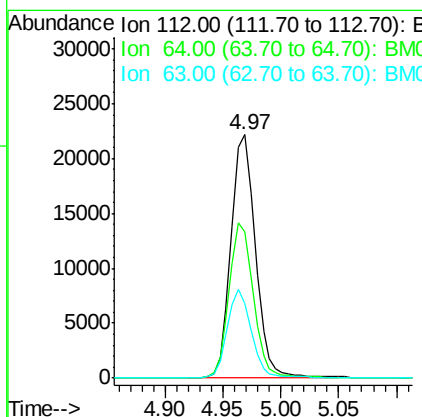
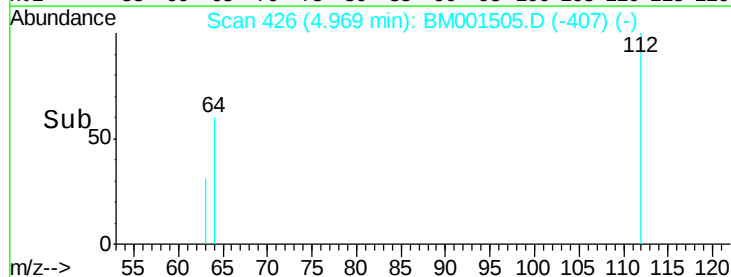


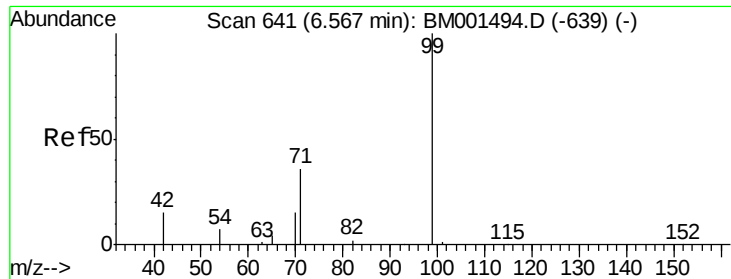
#2

2-Fluorophenol
Concen: 13.39 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001505.D
Acq: 31 May 2015 10:31



Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	50.2	75.2
63	30.9	28.2	42.4





#3

Phenol-d6

Concen: 14.33 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL

Tgt Ion: 99 Resp: 45033

Ion Ratio Lower Upper

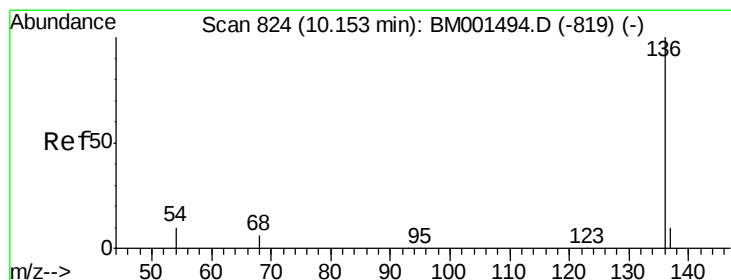
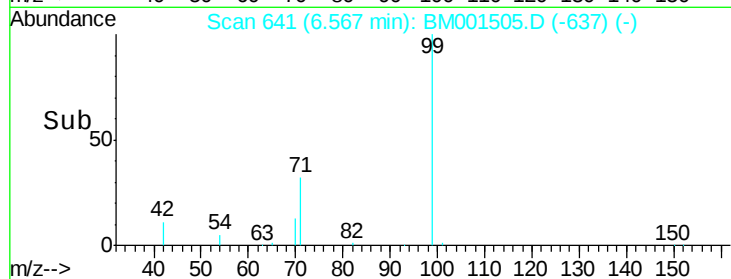
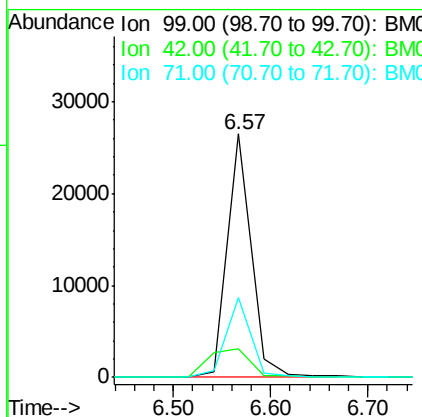
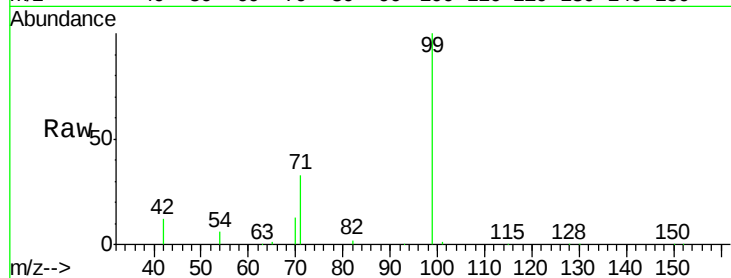
99 100

42 11.6 15.2 22.8#

71 32.6 30.6 46.0

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#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.15 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Tgt Ion: 136 Resp: 46126

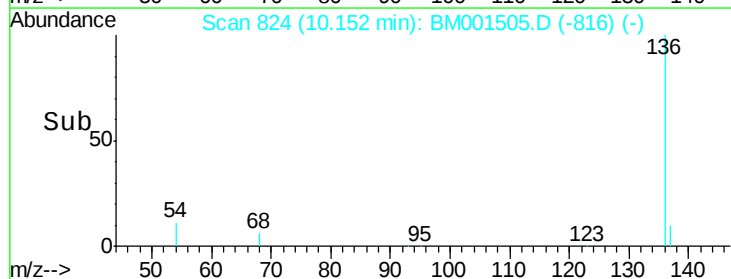
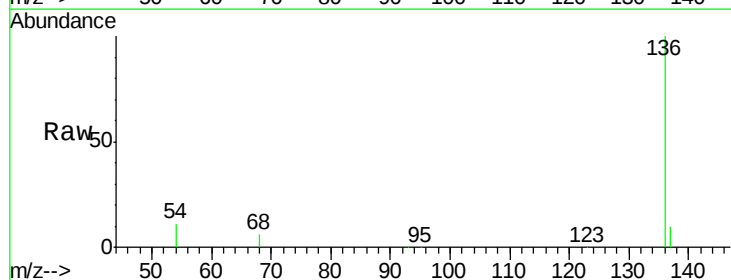
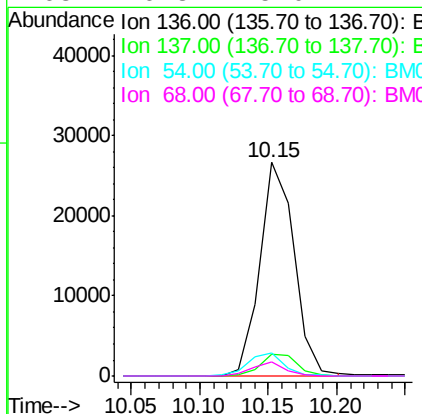
Ion Ratio Lower Upper

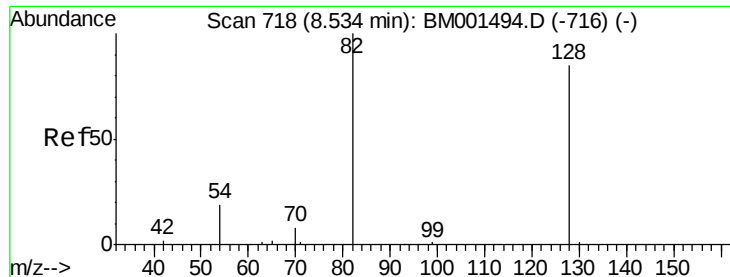
136 100

137 10.5 8.3 12.5

54 11.0 8.5 12.7

68 6.3 5.0 7.4





#7

Nitrobenzene-d5

Concen: 8.94 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001505.D

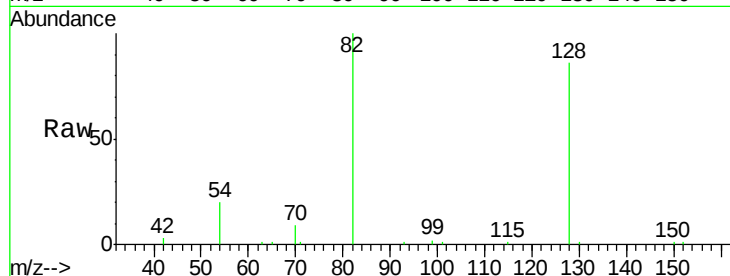
Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL



Tgt Ion: 82 Resp: 22271

Ion Ratio Lower Upper

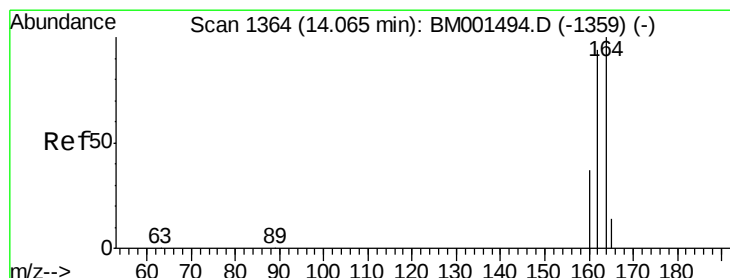
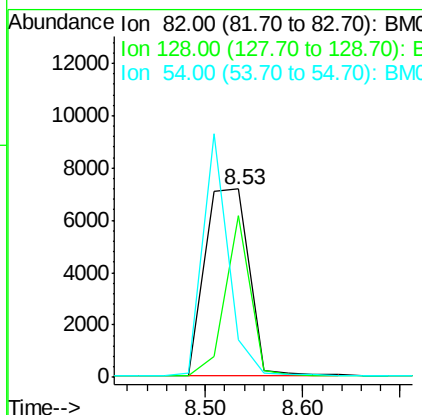
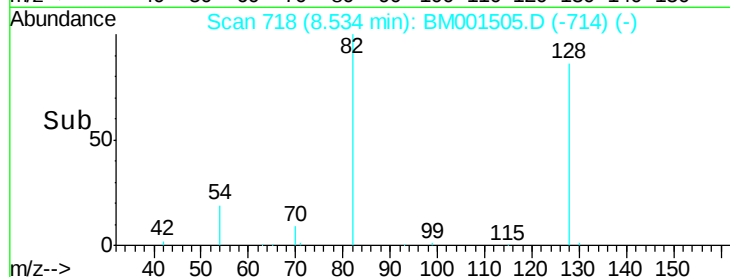
82 100

128 86.0 68.2 102.2

54 20.1 21.0 31.4#

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#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.06 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

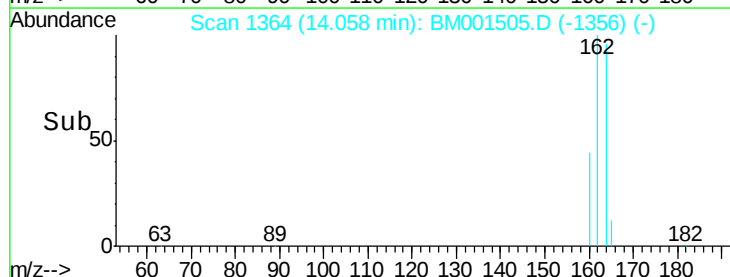
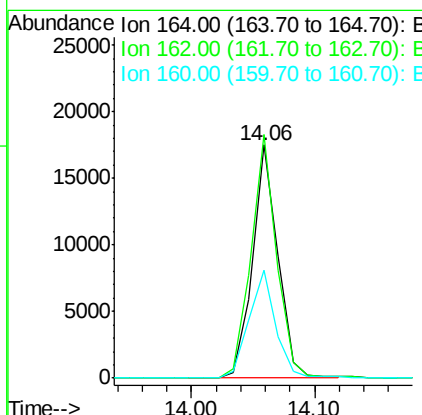
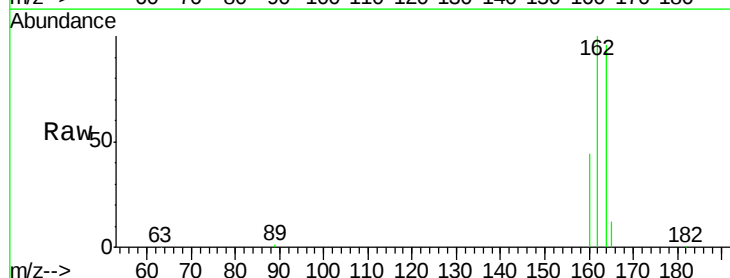
Tgt Ion: 164 Resp: 24873

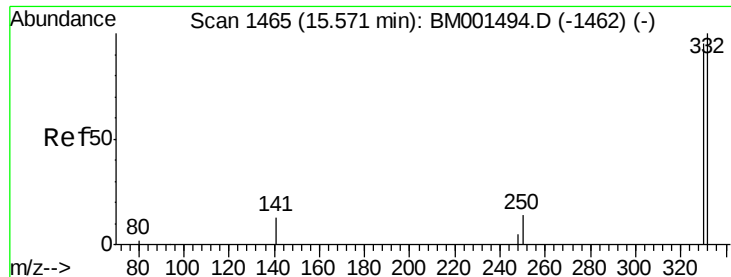
Ion Ratio Lower Upper

164 100

162 104.5 75.3 112.9

160 46.1 30.1 45.1#





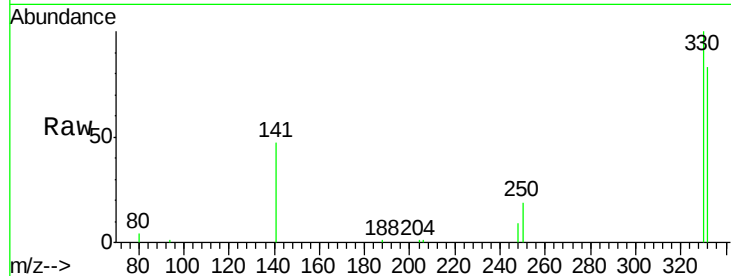
#10
 2,4,6-Tribromophenol
 Concen: 15.31 ng m
 RT: 15.56 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

Instrument :
 BNA_M
 ClientSampleId :
 PB83689BL

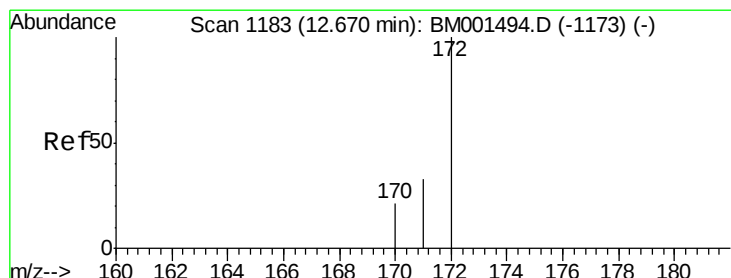
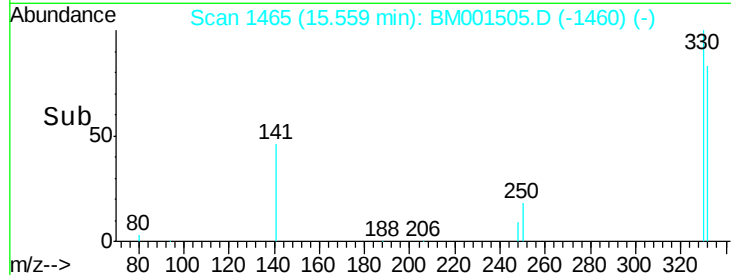
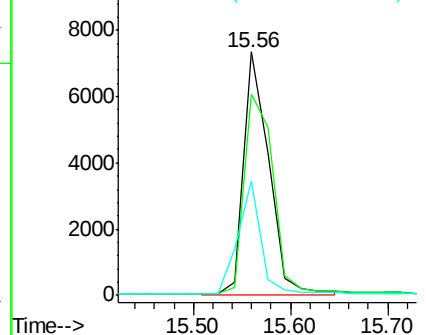
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	13493		
332	90.4	77.6	116.4	
141	40.4	34.3	51.5	

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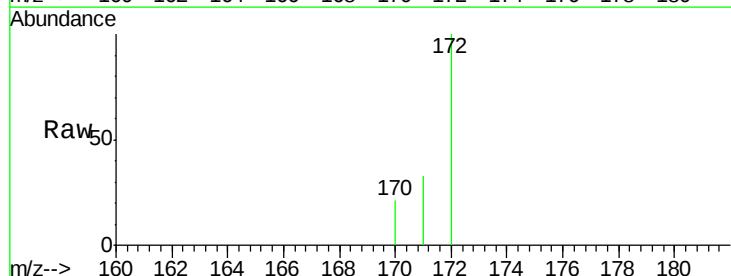


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

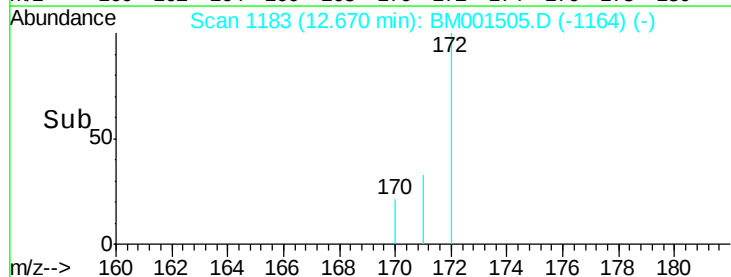
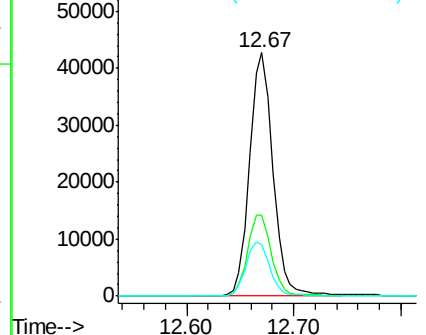


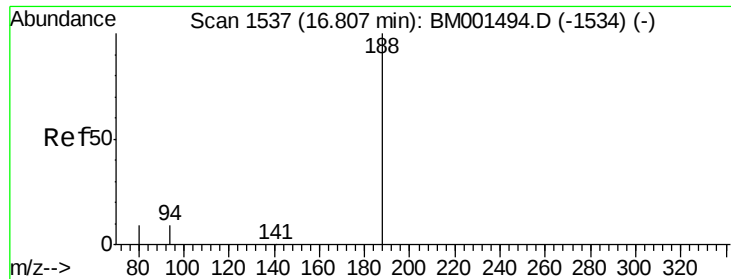
#11
 2-Fluorobiphenyl
 Concen: 8.99 ng
 RT: 12.67 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	64795		
171	33.4	27.2	40.8	
170	21.1	17.8	26.6	



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 m

RT: 16.81 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BM001505.D

Acq: 31 May 2015 10:31

Instrument :

BNA_M

ClientSampleId :

PB83689BL

Tgt Ion:188 Resp: 51229
Ion Ratio Lower Upper

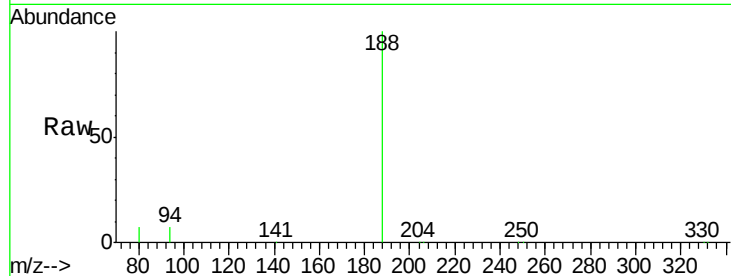
188 100

94 7.1 7.1 10.7#

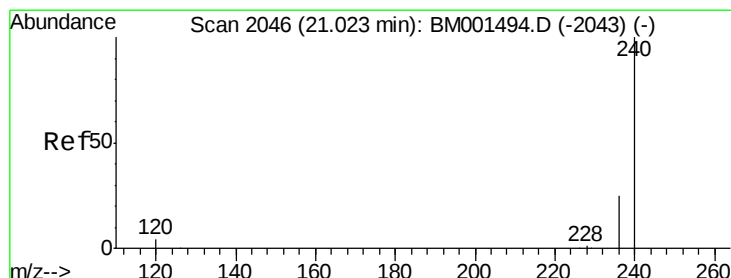
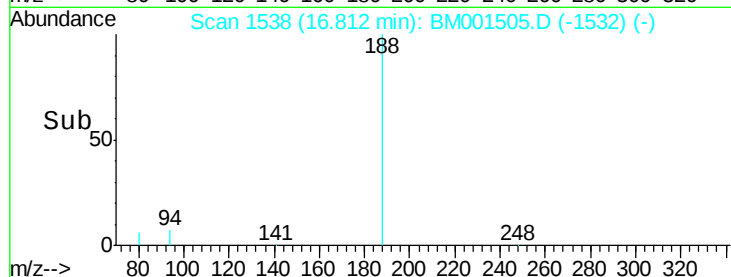
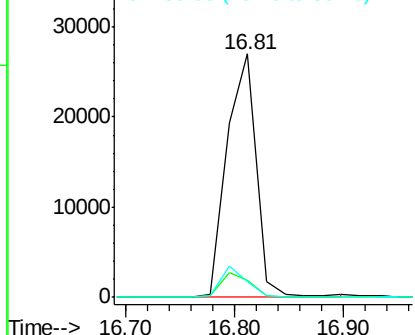
80 6.5 7.3 10.9#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0



#17

Chrysene-d12

Concen: 5.00 ng

RT: 21.01 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BM001505.D

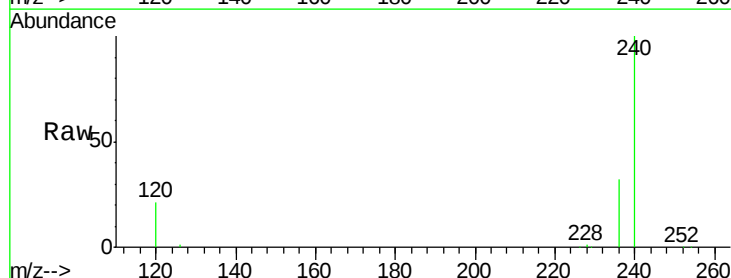
Acq: 31 May 2015 10:31

Tgt Ion:240 Resp: 40332
Ion Ratio Lower Upper

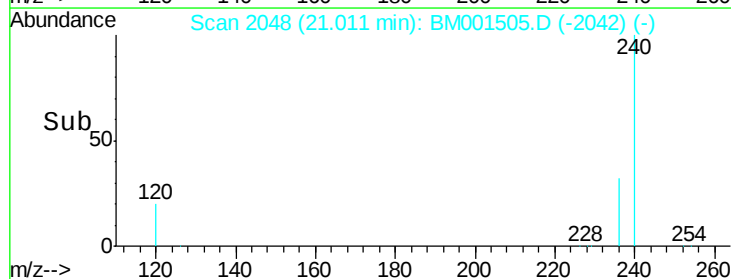
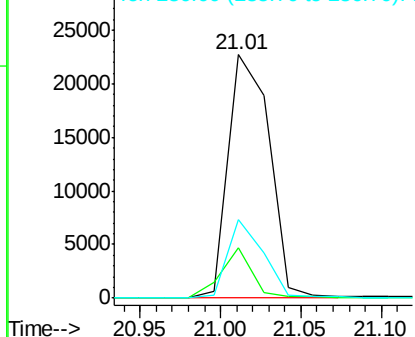
240 100

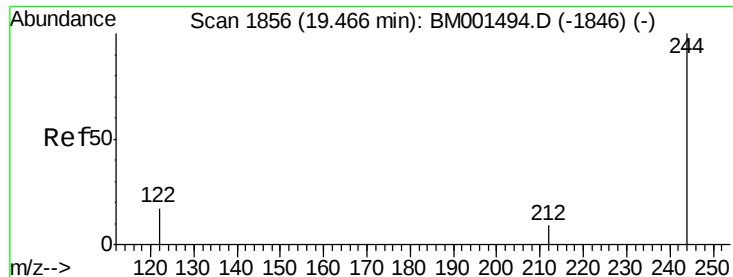
120 20.6 3.7 5.5#

236 32.5 19.8 29.8#



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





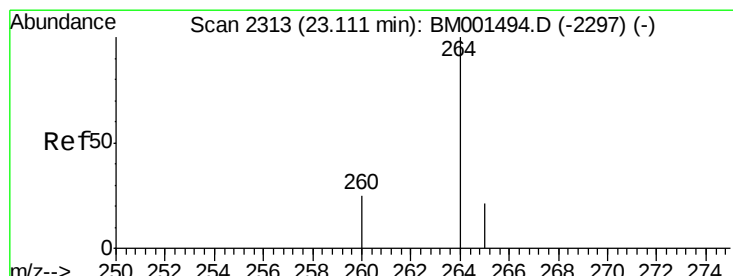
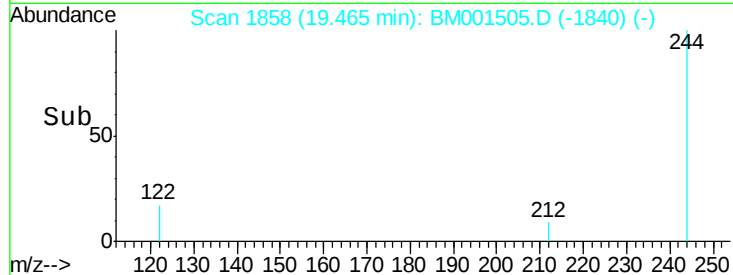
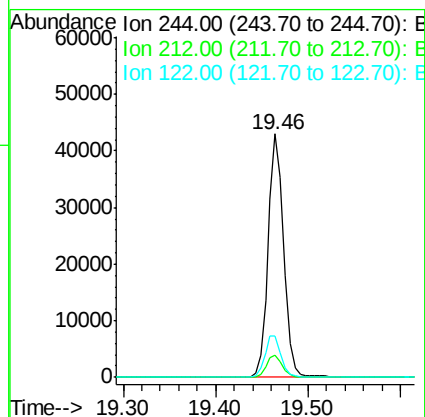
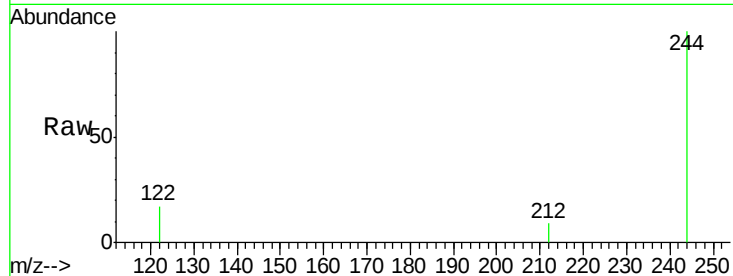
#18
 Terphenyl-d14
 Concen: 9.29 ng
 RT: 19.46 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

Instrument :
 BNA_M
 ClientSampleId :
 PB83689BL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.3	8.0	12.0
122	16.8	14.1	21.1

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#21
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.11 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BM001505.D
 Acq: 31 May 2015 10:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	19.8	29.8
265	22.3	18.0	27.0

