Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001167.D
Acq On : 02 May 2015 14:02
Operator : TP/IZ
Sample : G2057-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MWJ-5

Manual Integrations APPROVED
apatel
5/5/2015 8:04:40 AM

Quant Time: May 04 17:31:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 16:48:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	16957	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	66036	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	37014	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	89829	5.00	ng	0.00
24) Chrysene-d12	21.15	240	70745	5.00	ng	0.00
30) Perylene-d12	23.29	264	54481	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	15428	4.68	ng	-0.01
5) Phenol-d6	6.71	99	11538	2.84	ng	0.00
7) Nitrobenzene-d5	8.69	82	32111	8.58	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	21228	11.67	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	106666	8.71	ng	0.00
26) Terphenyl-d14	19.59	244	102822	10.54	ng	0.00
Target Compounds						Qvalue

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

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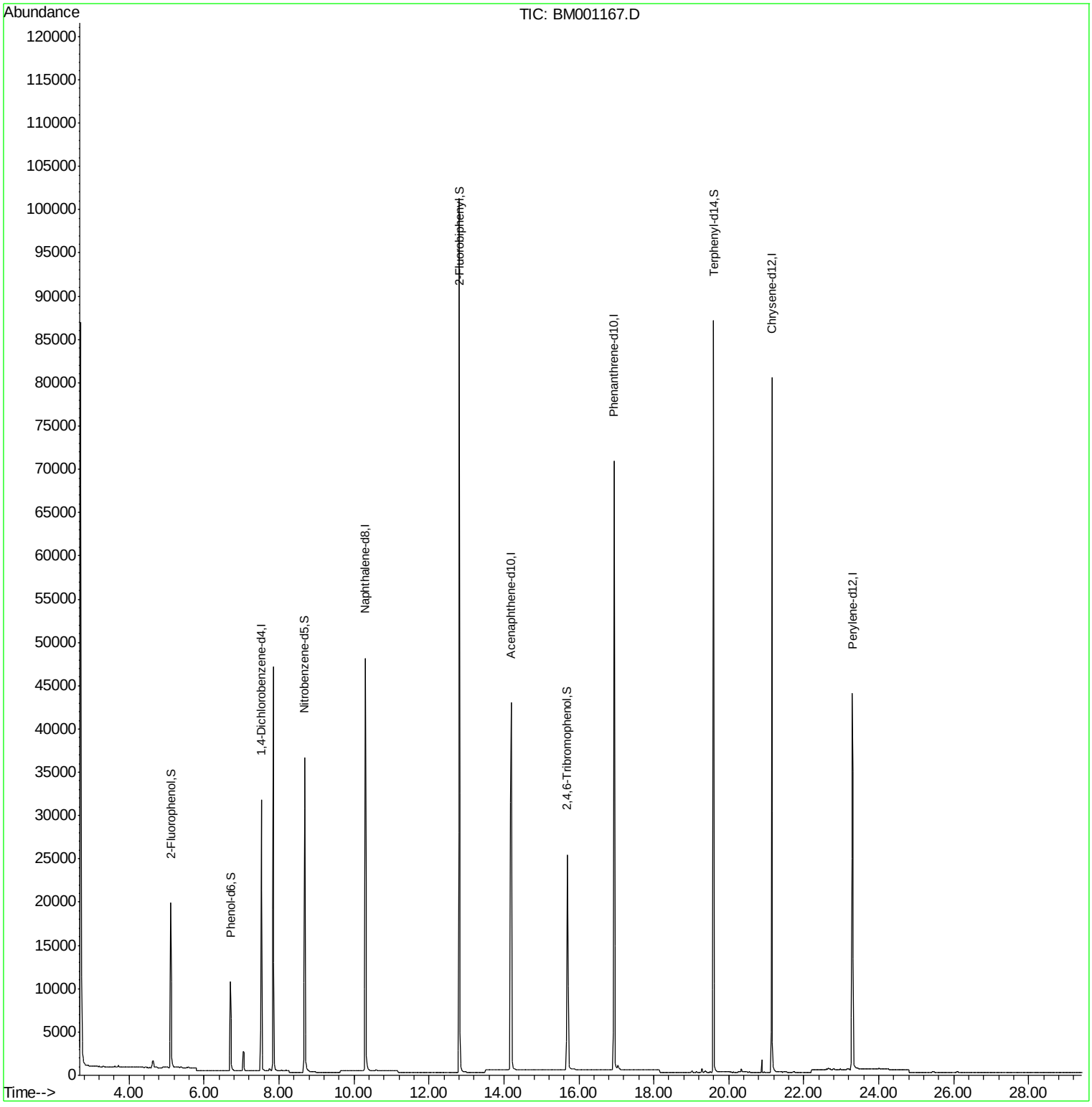
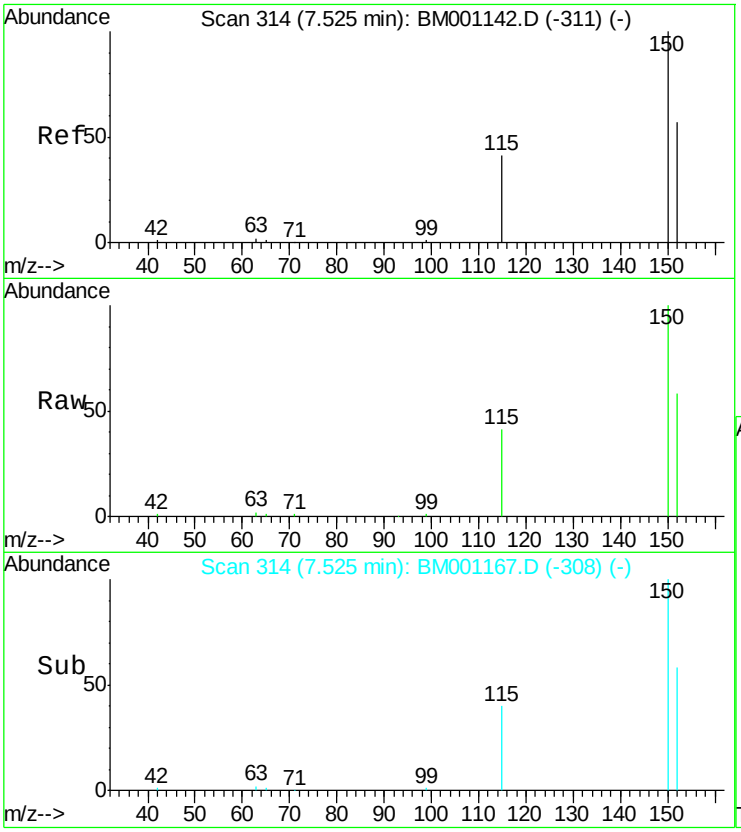
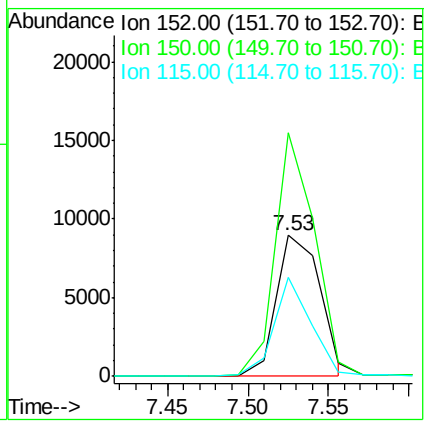




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:152 Resp: 16957

Ion	Ratio	Lower	Upper
152	100		
150	172.7	140.1	210.1
115	70.0	57.8	86.6



Instrument :
BNA_M
ClientSampleId :
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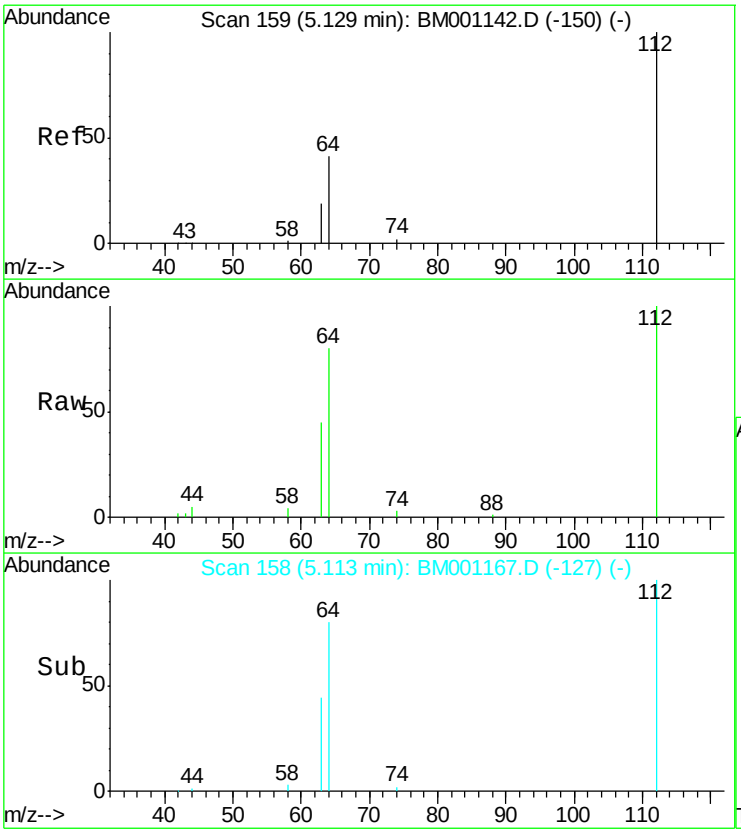
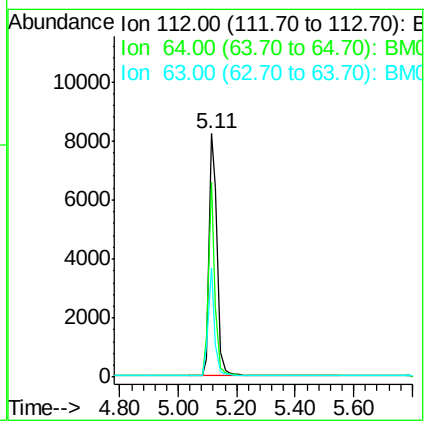
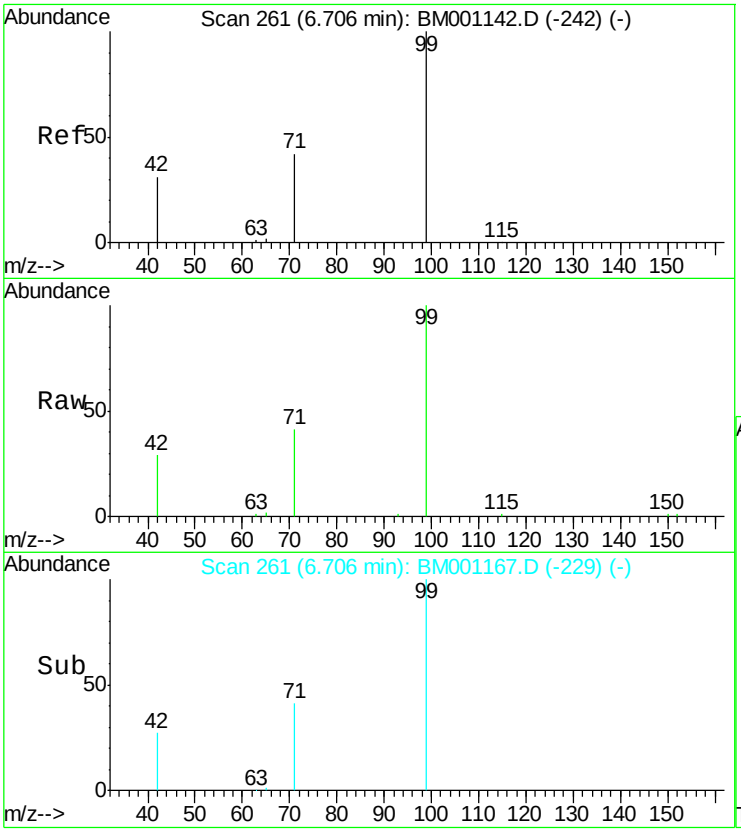


#4
2-Fluorophenol
Concen: 4.68 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:112 Resp: 15428

Ion	Ratio	Lower	Upper
112	100		
64	64.6	52.6	79.0
63	35.8	29.5	44.3

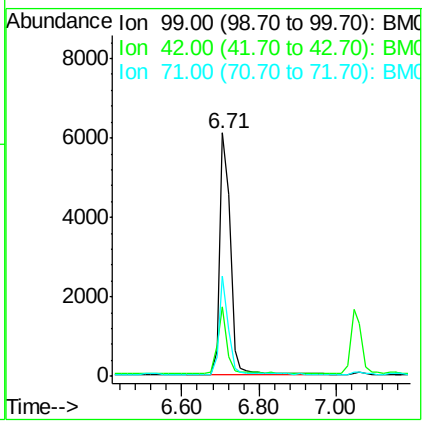




#5
Phenol-d6
Concen: 2.84 ng
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion: 99 Resp: 11538

Ion	Ratio	Lower	Upper
99	100		
42	24.6	20.9	31.3
71	35.7	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
MWJ-5

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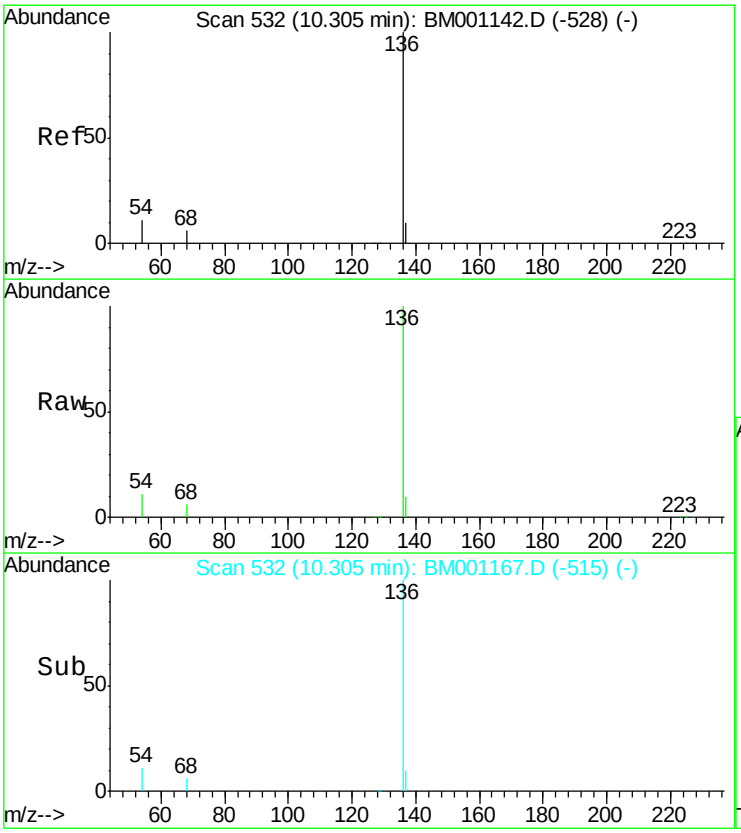
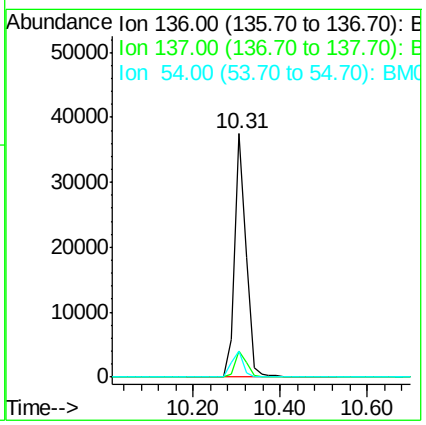
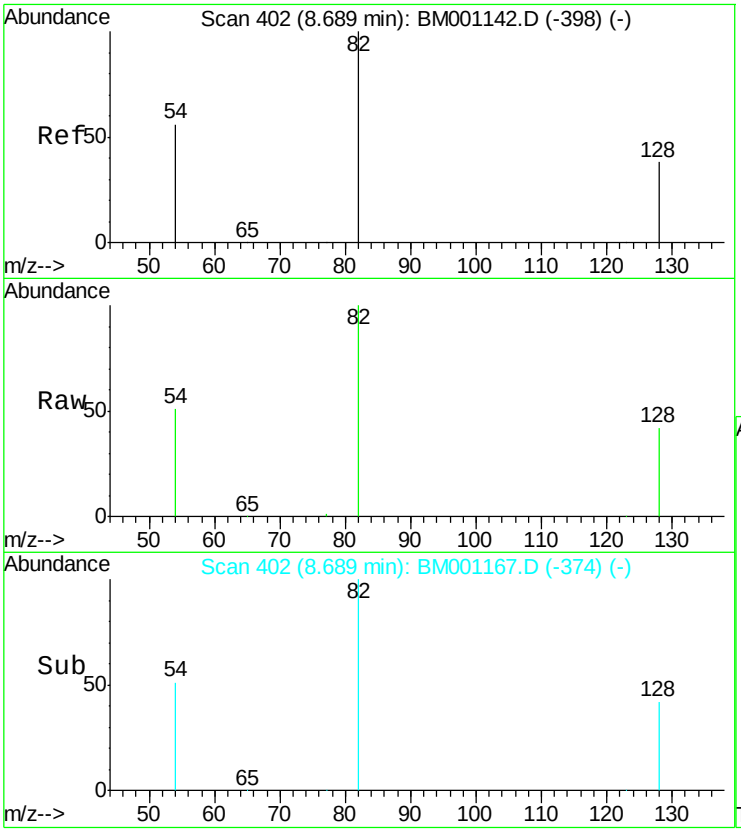


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:136 Resp: 66036

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	10.9	9.0	13.4

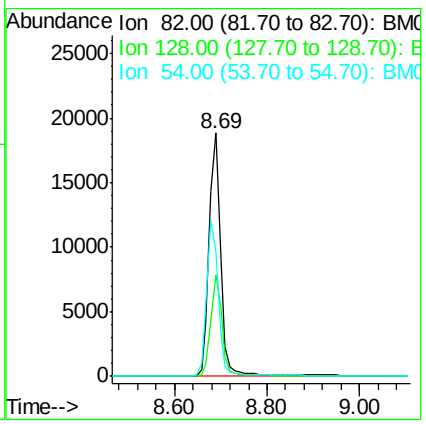




#7
Nitrobenzene-d5
Concen: 8.58 ng
RT: 8.69 min Scan# 402
Delta R.T. -0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion: 82 Resp: 32111

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.9	47.9
54	51.1	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
MWJ-5

Manual Integrations APPROVED
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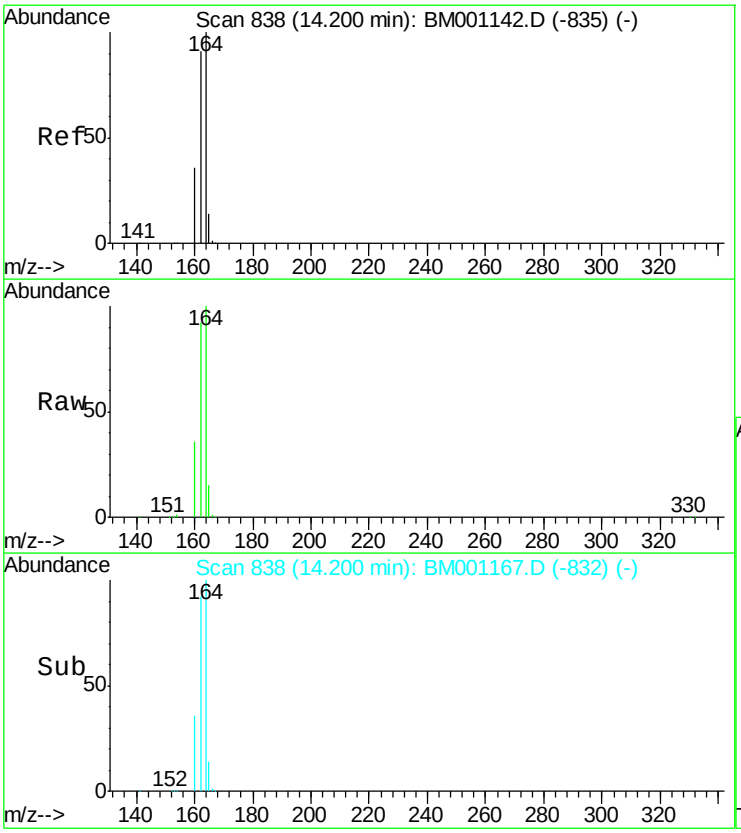
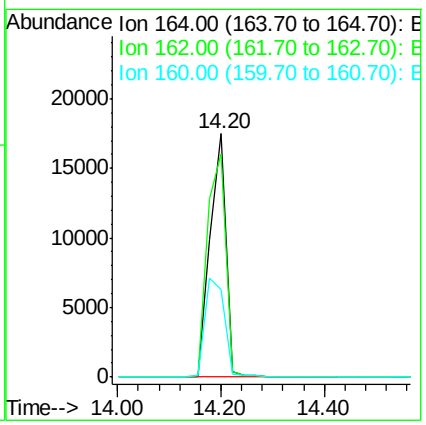
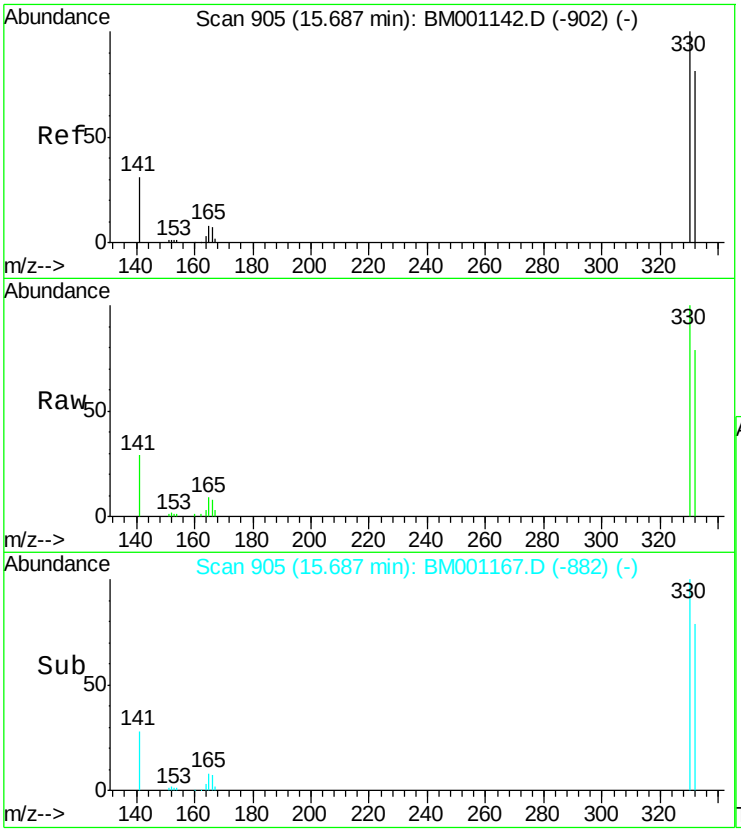


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:164 Resp: 37014

Ion	Ratio	Lower	Upper
164	100		
162	91.7	72.7	109.1
160	36.0	28.7	43.1

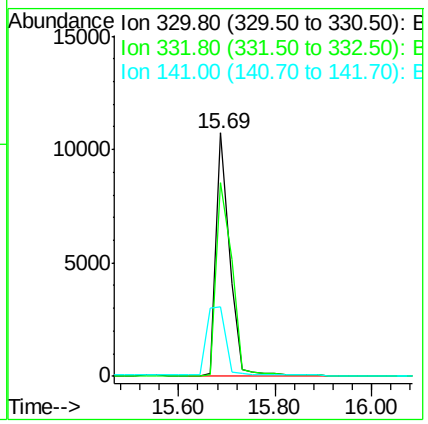




#13
2,4,6-Tribromophenol
Concen: 11.67 ng
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:330 Resp: 21228

Ion	Ratio	Lower	Upper
330	100		
332	92.8	74.5	111.7
141	43.1	21.0	31.4#



Instrument :
BNA_M
ClientSampleId :
MWJ-5

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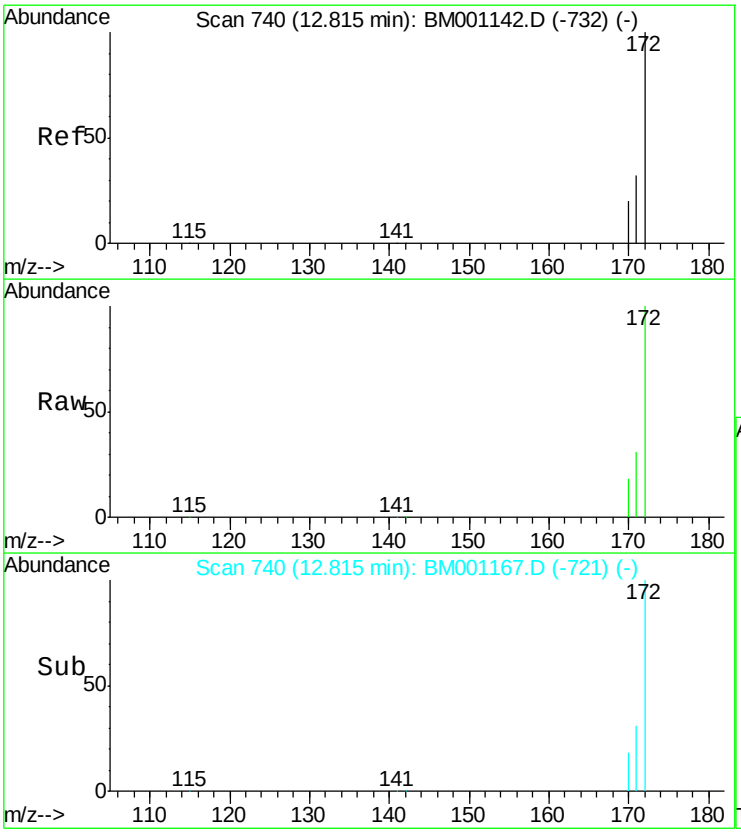
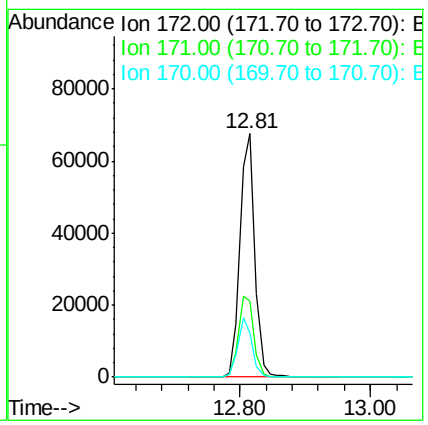
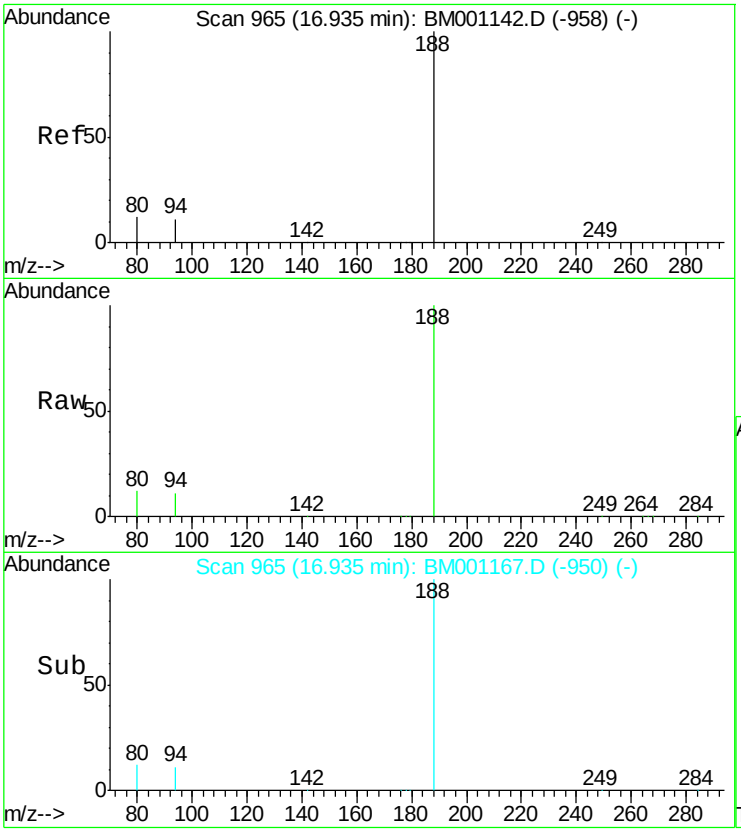


#14
2-Fluorobiphenyl
Concen: 8.71 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:172 Resp: 106666

Ion	Ratio	Lower	Upper
172	100		
171	31.0	25.8	38.6
170	18.3	16.1	24.1

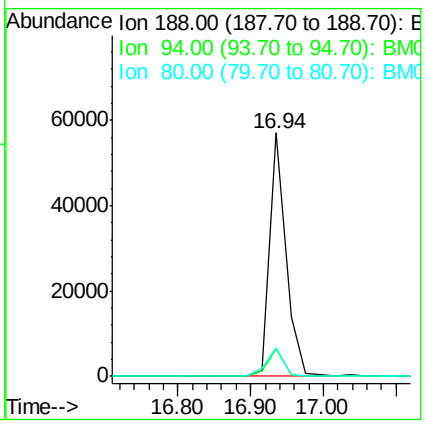




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:188 Resp: 89829

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.3	13.9
80	11.9	9.8	14.6



Instrument :
BNA_M
ClientSampleId :
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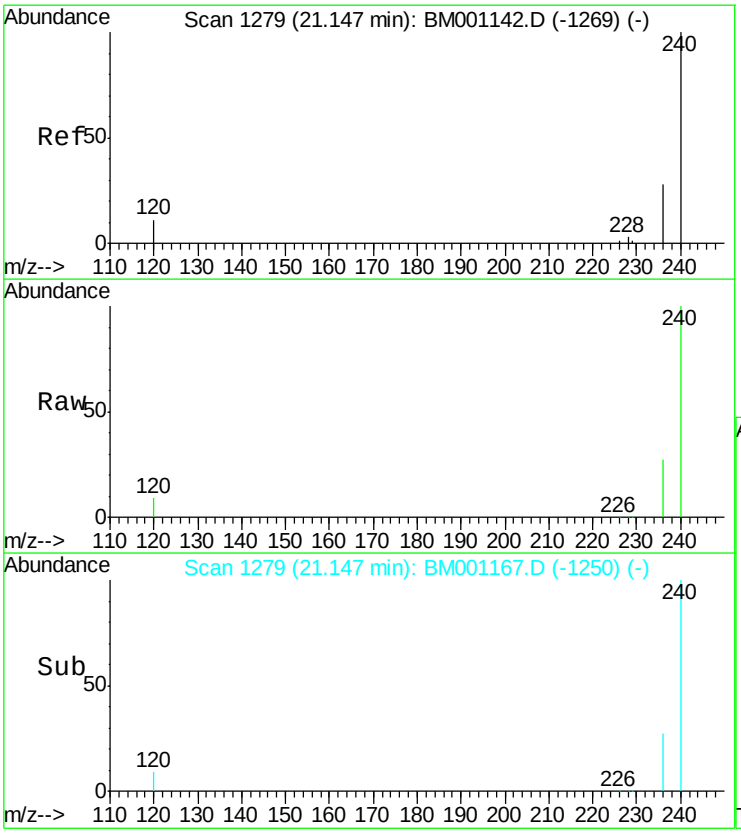
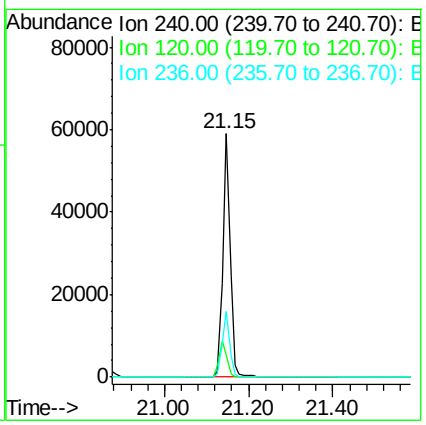
5/5/2015 8:04:40 AM

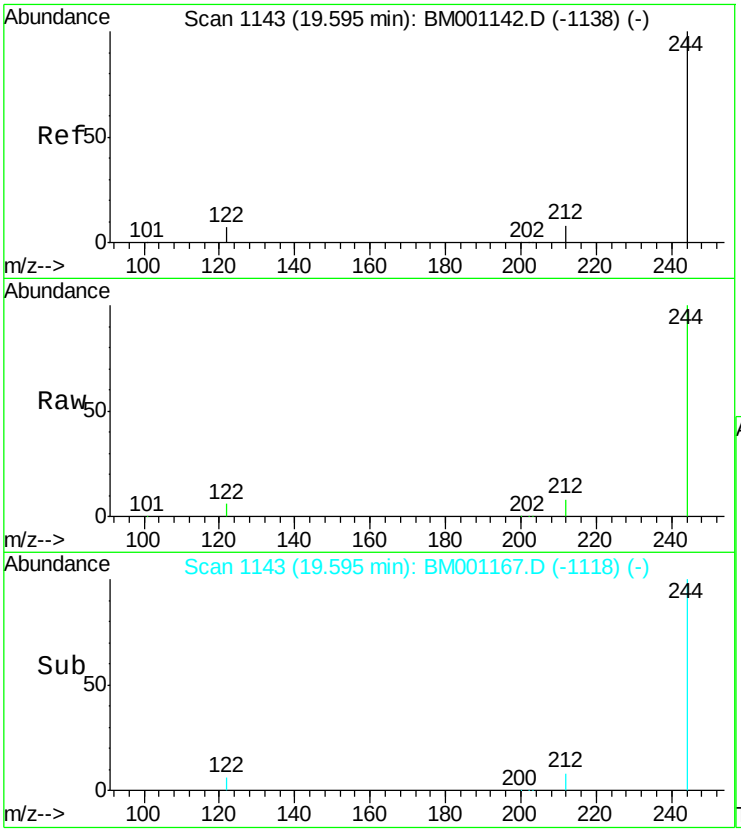


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:240 Resp: 70745

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.2	13.8#
236	27.0	22.4	33.6





#26
Terphenyl-d14
Concen: 10.54 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:244 Resp: 102822

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.1	10.7
122	6.0	6.2	9.4#

Instrument :
BNA_M
ClientSampleId :
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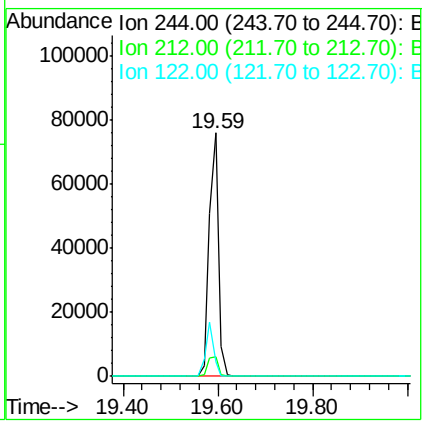

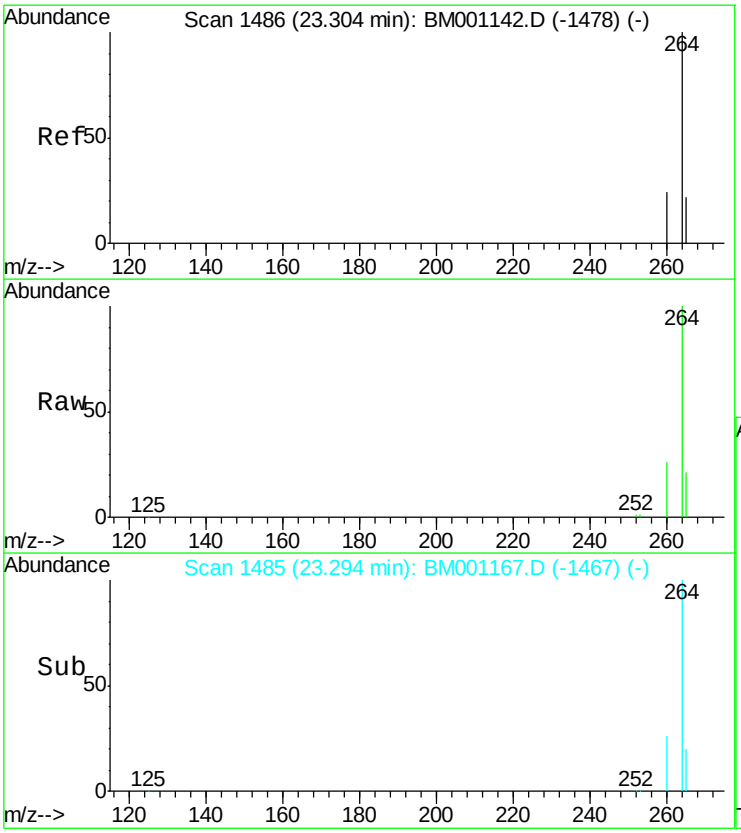

#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001167.D
Acq: 02 May 2015 14:02

Tgt Ion:264 Resp: 54481

Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.9	28.3
265	21.0	18.1	27.1