Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
Data File : BM000944.D
Acq On : 10 Apr 2015 18:02
Operator : TP/IZ
Sample : G1757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LS-SW01

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apatel
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Quant Time: Apr 13 16:14:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 16:15:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	26492	5.00	ng		0.00
8) Naphthalene-d8	10.38	136	99102	5.00	ng		0.00
17) Acenaphthene-d10	14.26	164	50814	5.00	ng		0.01
24) Phenanthrene-d10	17.00	188	102980	5.00	ng		0.01
30) Chrysene-d12	21.21	240	85279	5.00	ng		0.00
38) Perylene-d12	23.39	264	76611	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	24056	4.29	ng		0.00
5) Phenol-d6	6.78	99	18551	2.76	ng		0.00
9) Nitrobenzene-d5	8.76	82	35278	7.37	ng		0.00
18) 2,4,6-Tribromophenol	15.76	330	20815	9.85	ng		0.01
19) 2-Fluorobiphenyl	12.88	172	121227	8.52	ng		0.00
33) Terphenyl-d14	19.65	244	119880	11.55	ng		0.00
Target Compounds							Qvalue
6) Phenol	6.82	94	4295	0.62	ng		95
13) Naphthalene	10.44	128	649	0.03	ng	#	62
21) Acenaphthene	14.31	154	316m	0.02	ng		
27) Phenanthrene	17.05	178	601	0.02	ng	#	64

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

Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
Data File : BM000944.D
Acq On : 10 Apr 2015 18:02
Operator : TP/IZ
Sample : G1757-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 13 16:14:44 2015
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ClientSampleId :
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Manual Integrations APPROVED
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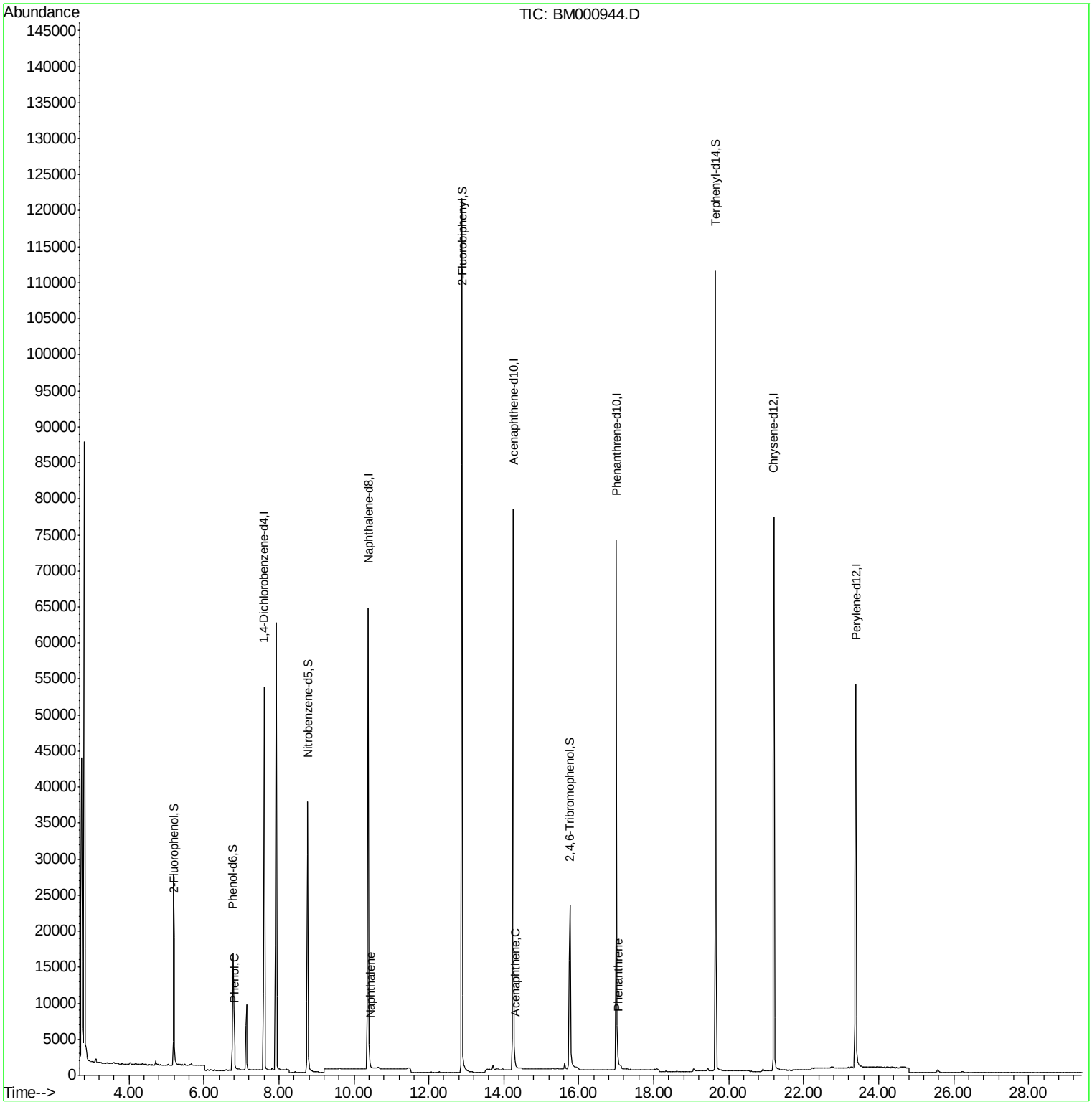
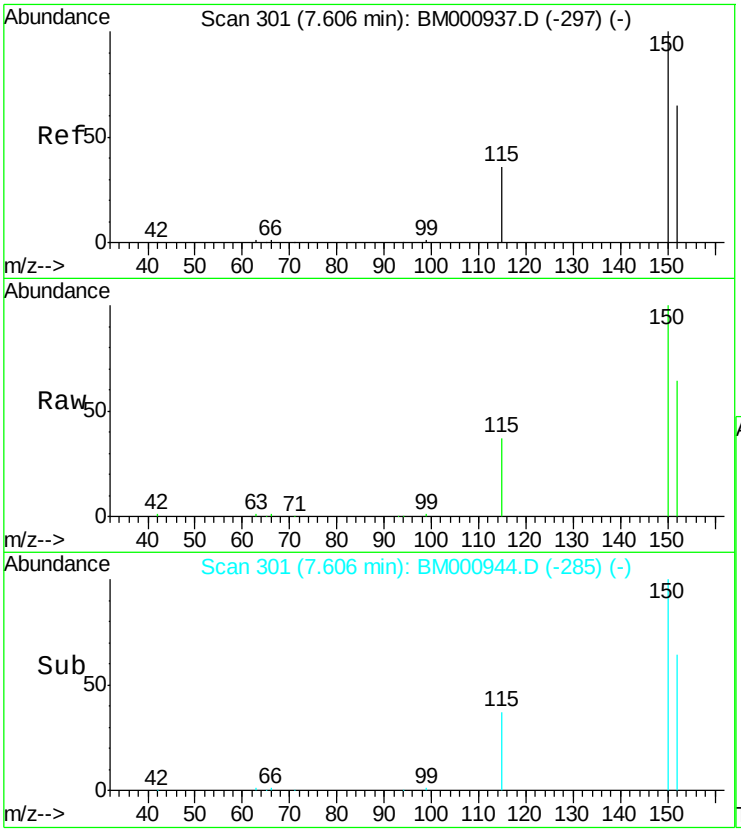
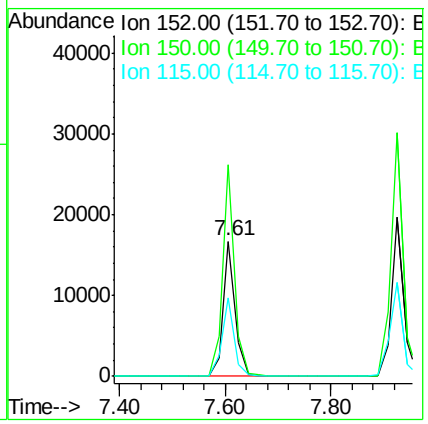




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:152 Resp: 26492

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.4	188.2
115	57.7	45.9	68.9



Instrument :
BNA_M
ClientSampleId :
LS-SW01

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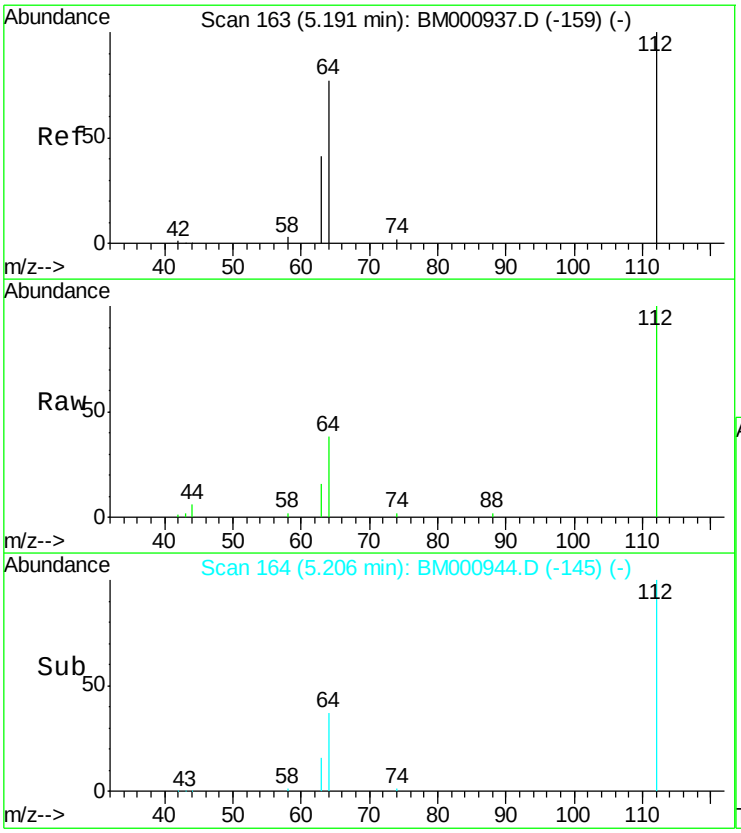
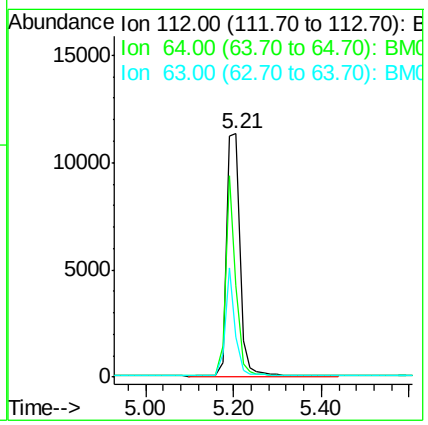
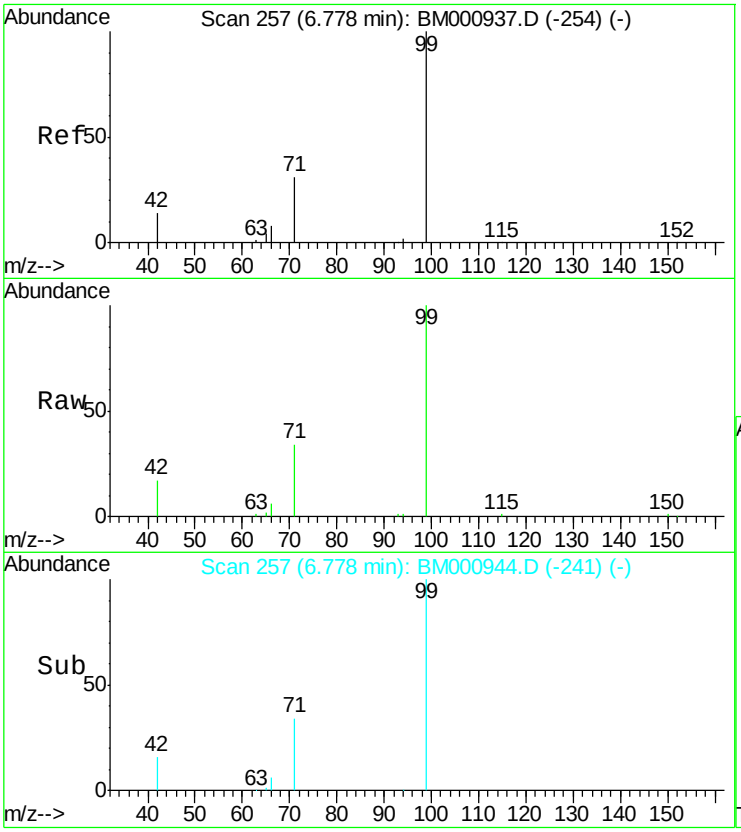


#4
2-Fluorophenol
Concen: 4.29 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:112 Resp: 24056

Ion	Ratio	Lower	Upper
112	100		
64	37.6	31.8	47.8
63	16.4	14.5	21.7

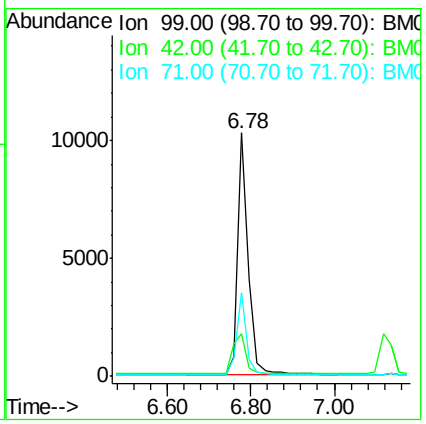




#5
Phenol-d6
Concen: 2.76 ng
RT: 6.78 min Scan# 257
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion: 99 Resp: 18551

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	34.3	28.0	42.0



Instrument :
BNA_M
ClientSampleId :
LS-SW01

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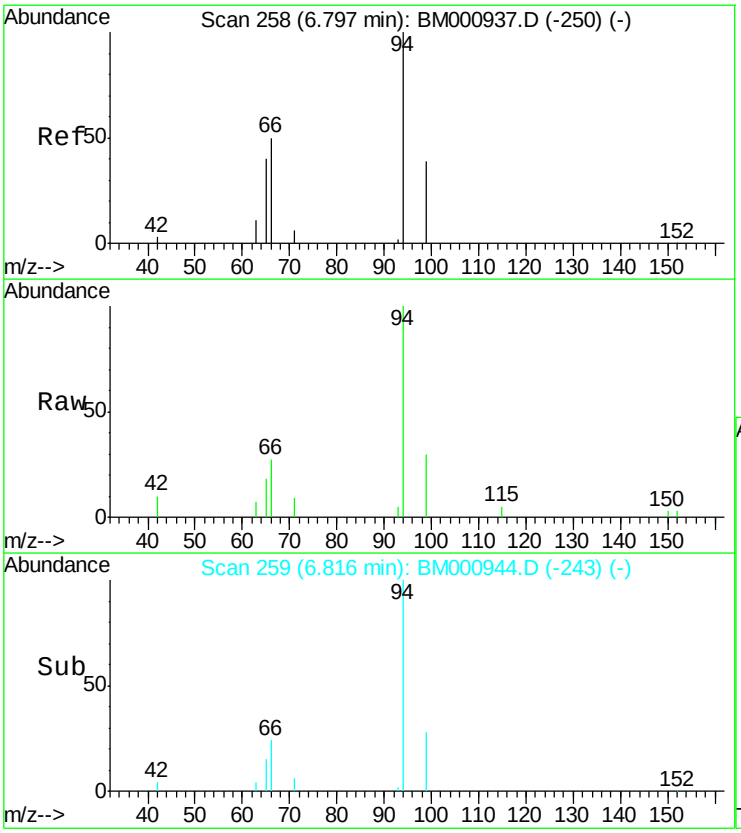
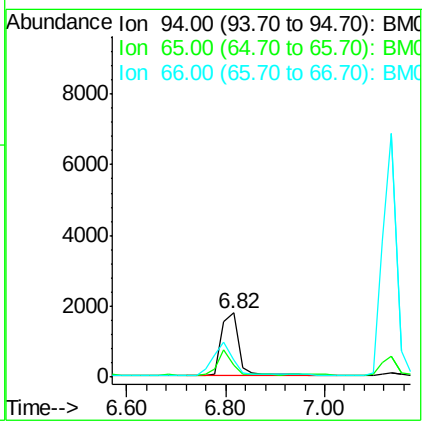
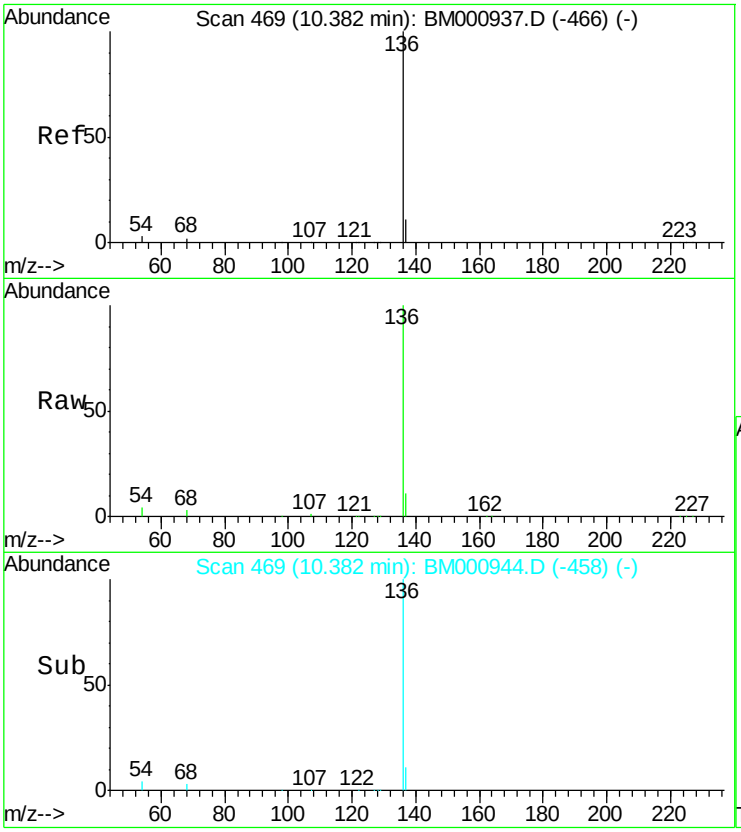


#6
Phenol
Concen: 0.62 ng
RT: 6.82 min Scan# 259
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion: 94 Resp: 4295

Ion	Ratio	Lower	Upper
94	100		
65	18.0	0.0	36.0
66	26.6	3.7	43.7

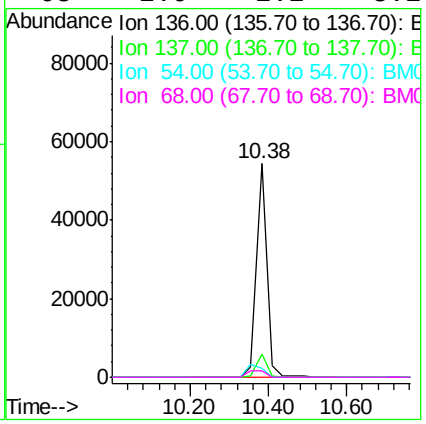




#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:136 Resp: 99102

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	3.9	2.9	4.3
68	2.9	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
LS-SW01

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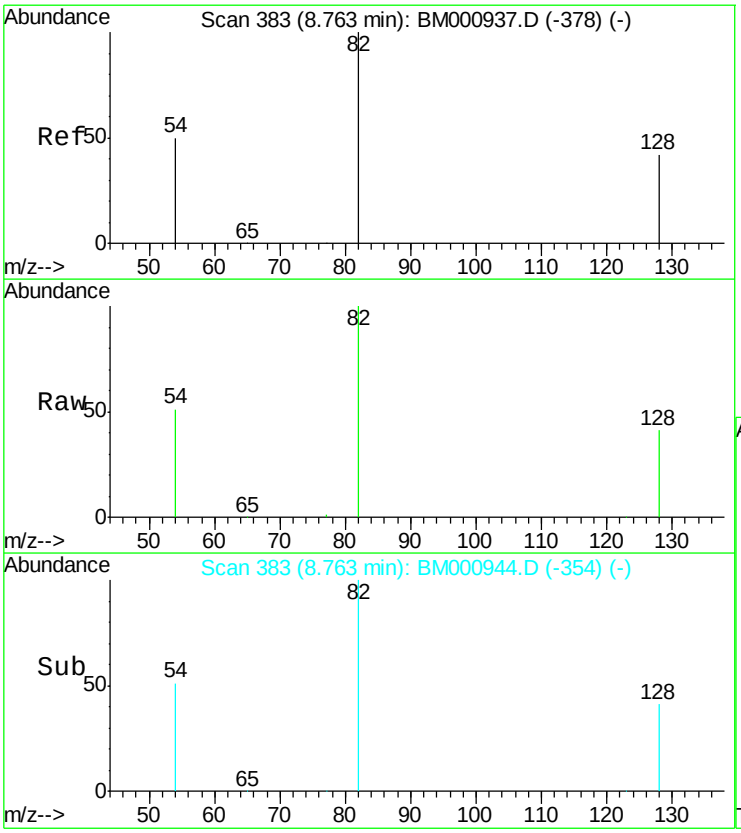
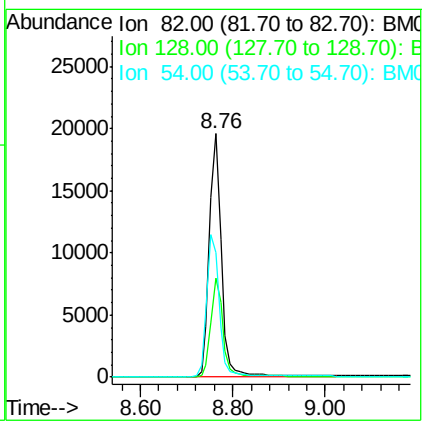
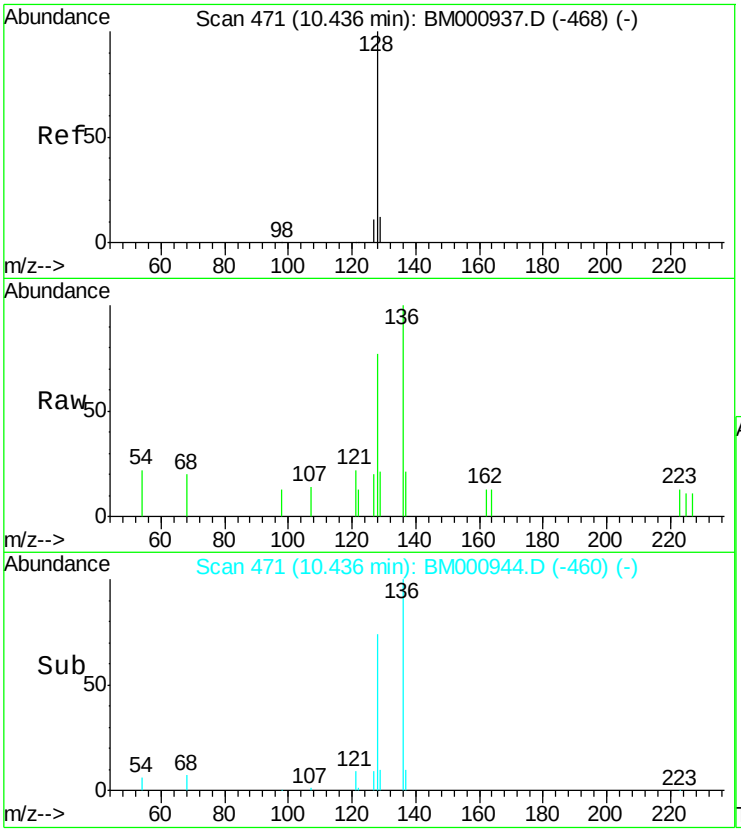


#9
Nitrobenzene-d5
Concen: 7.37 ng
RT: 8.76 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion: 82 Resp: 35278

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.4	50.0
54	51.4	40.5	60.7

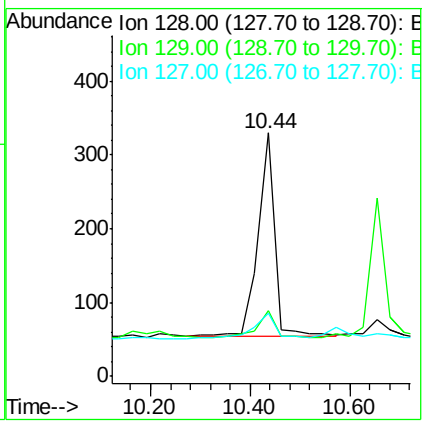




#13
Naphthalene
Concen: 0.03 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:128 Resp: 649

Ion	Ratio	Lower	Upper
128	100		
129	27.0	9.8	14.6#
127	25.8	9.1	13.7#



Instrument :
BNA_M
ClientSampleId :
LS-SW01

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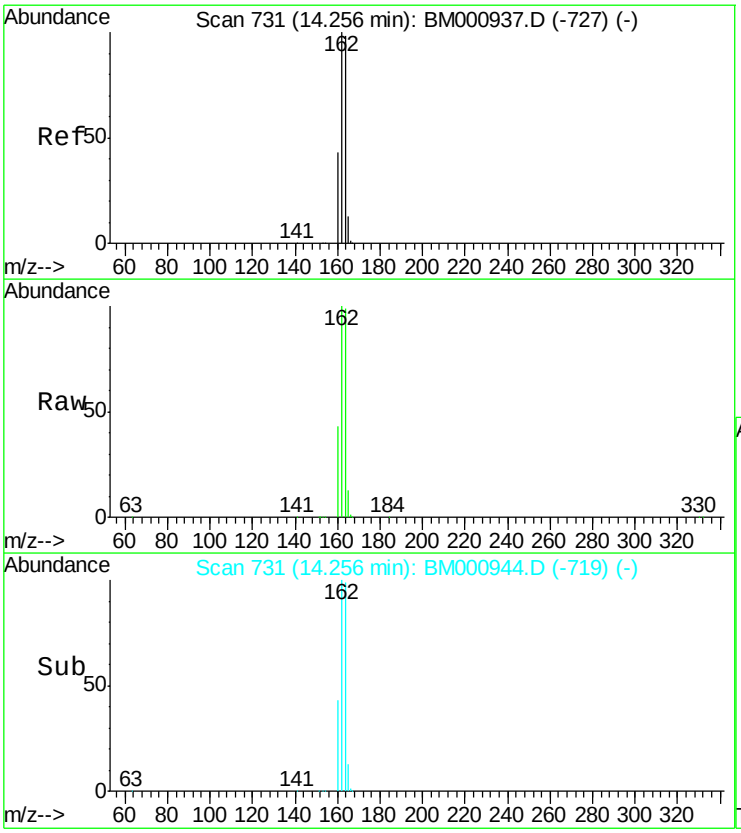
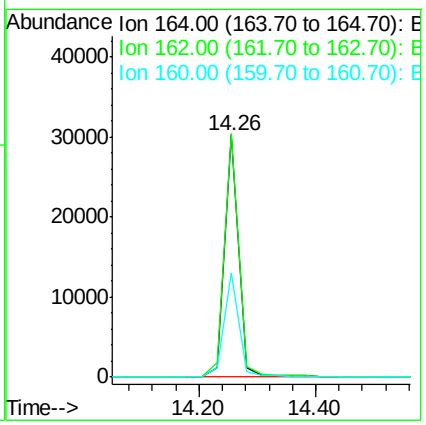
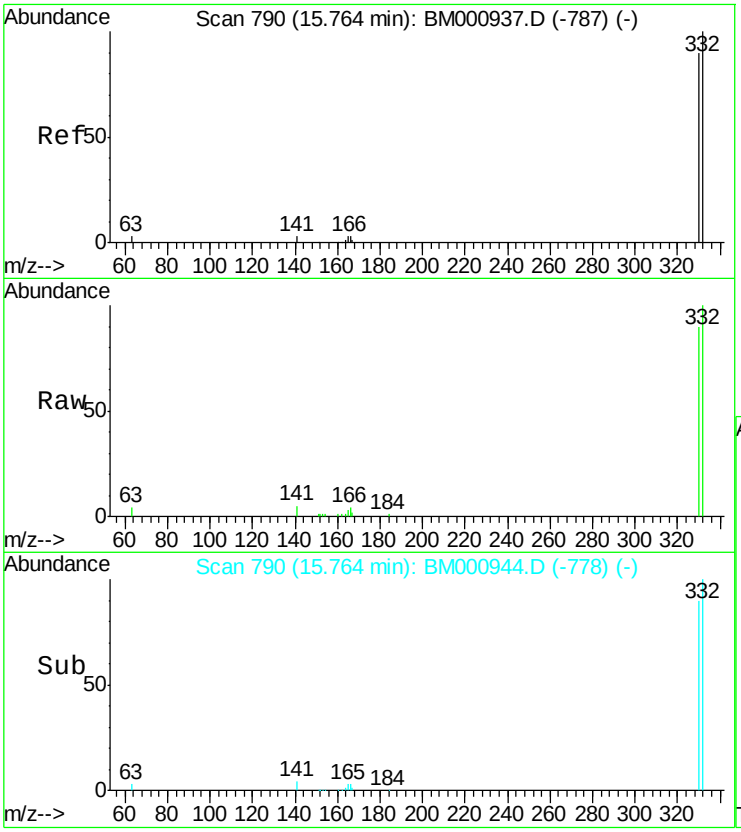


#17
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 731
Delta R.T. 0.01 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:164 Resp: 50814

Ion	Ratio	Lower	Upper
164	100		
162	100.6	96.1	144.1
160	43.1	48.2	72.2#

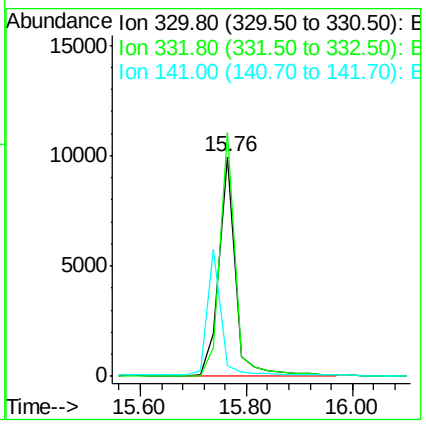




#18
2,4,6-Tribromophenol
Concen: 9.85 ng
RT: 15.76 min Scan# 790
Delta R.T. 0.01 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:330 Resp: 20815

Ion	Ratio	Lower	Upper
330	100		
332	103.4	75.4	113.2
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
LS-SW01

Manual Integrations APPROVED
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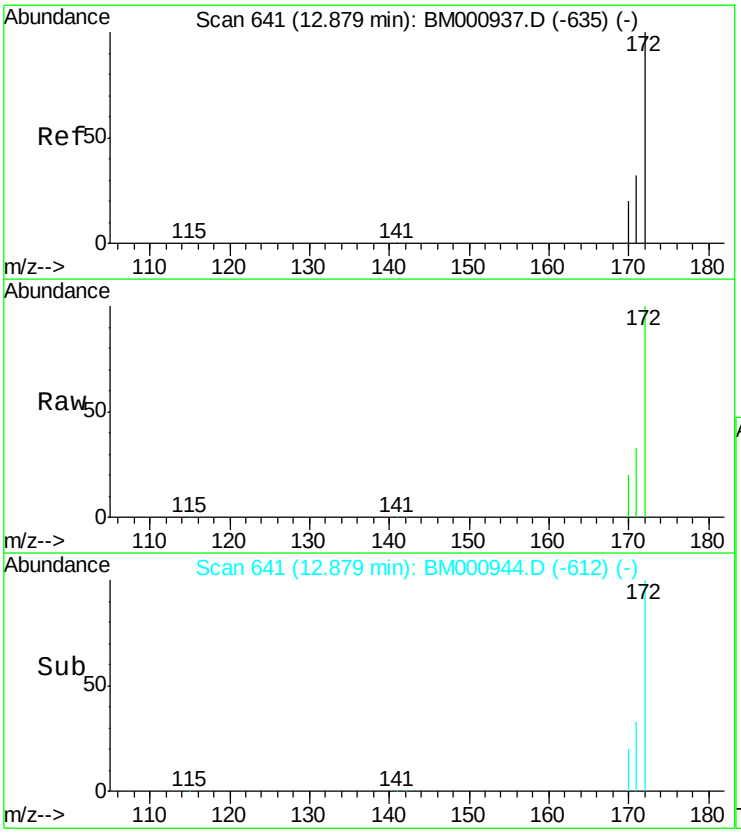
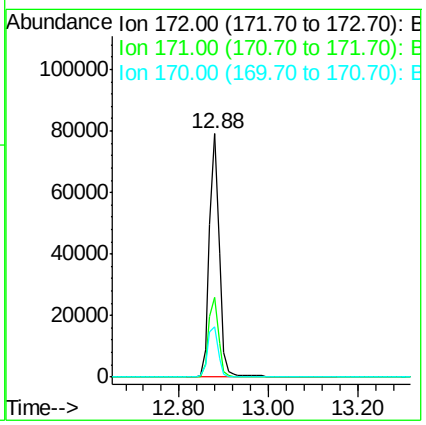
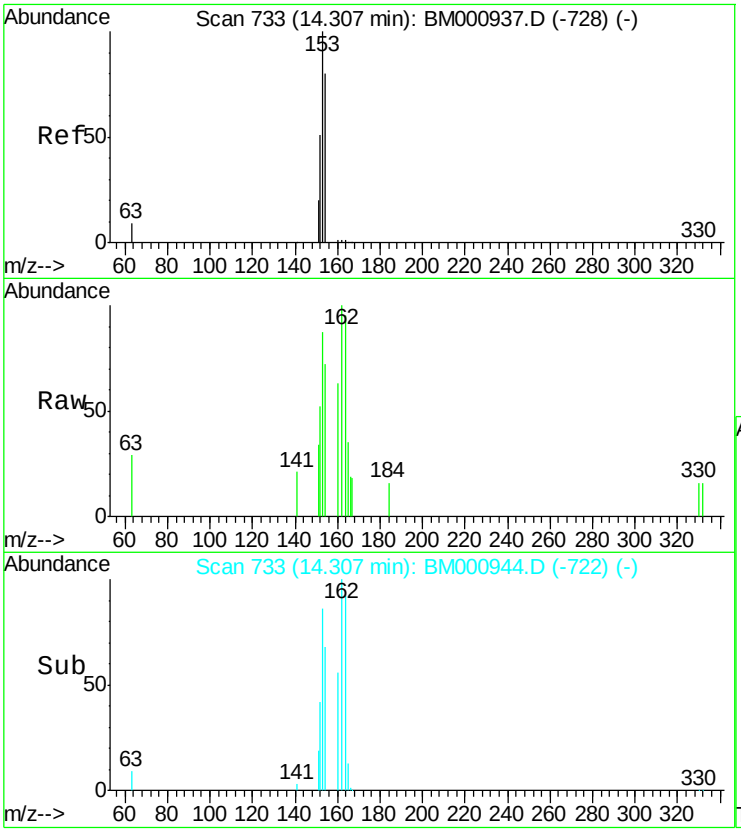


#19
2-Fluorobiphenyl
Concen: 8.52 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:172 Resp: 121227

Ion	Ratio	Lower	Upper
172	100		
171	32.7	26.7	40.1
170	20.5	17.0	25.4





#21
Acenaphthene
Concen: 0.02 ng m
RT: 14.31 min Scan# 733
Delta R.T. -0.02 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:154 Resp: 316

Ion	Ratio	Lower	Upper
154	100		
153	121.2	73.7	110.5#
152	73.1	29.0	43.6#

Instrument :
BNA_M
ClientSampleId :
LS-SW01

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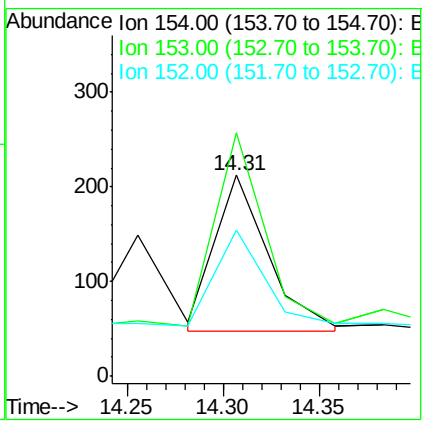
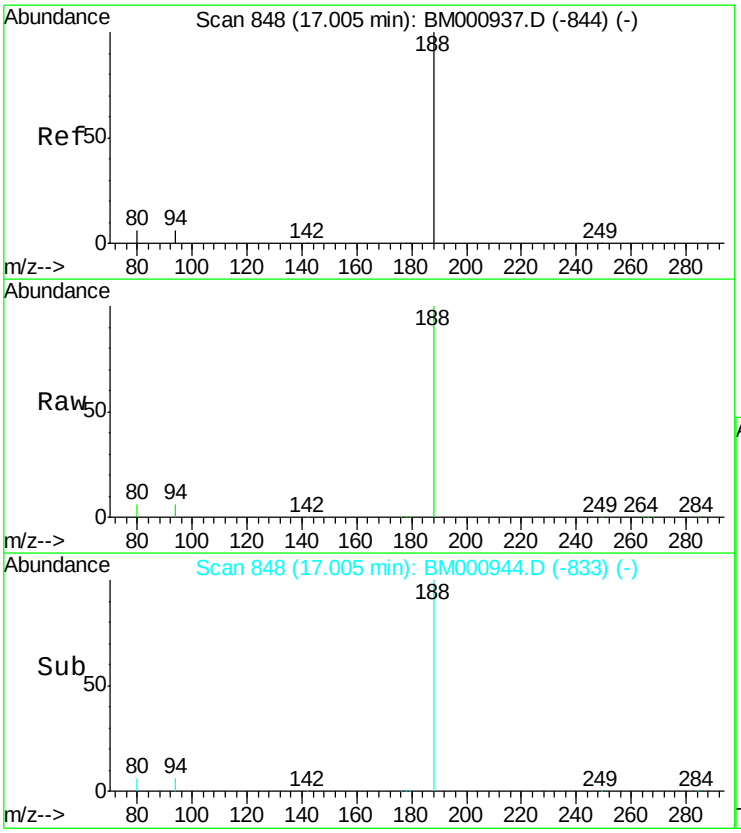
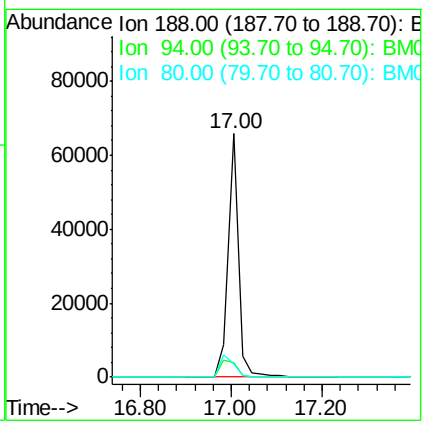


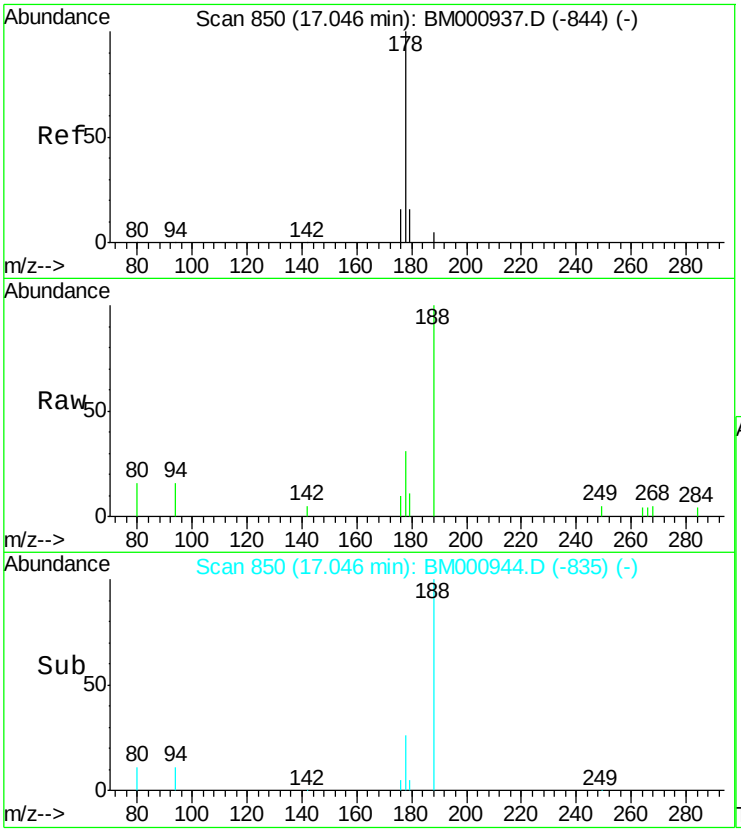


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 848
Delta R.T. 0.01 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:188 Resp: 102980

Ion	Ratio	Lower	Upper
188	100		
94	6.1	12.2	18.4#
80	5.6	13.4	20.0#

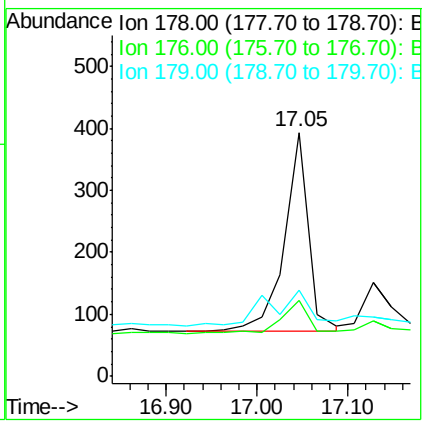




#27
Phenanthrene
Concen: 0.02 ng
RT: 17.05 min Scan# 850
Delta R.T. 0.01 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:178 Resp: 601

Ion	Ratio	Lower	Upper
178	100		
176	31.3	16.0	24.0#
179	35.4	11.4	17.2#



Instrument :
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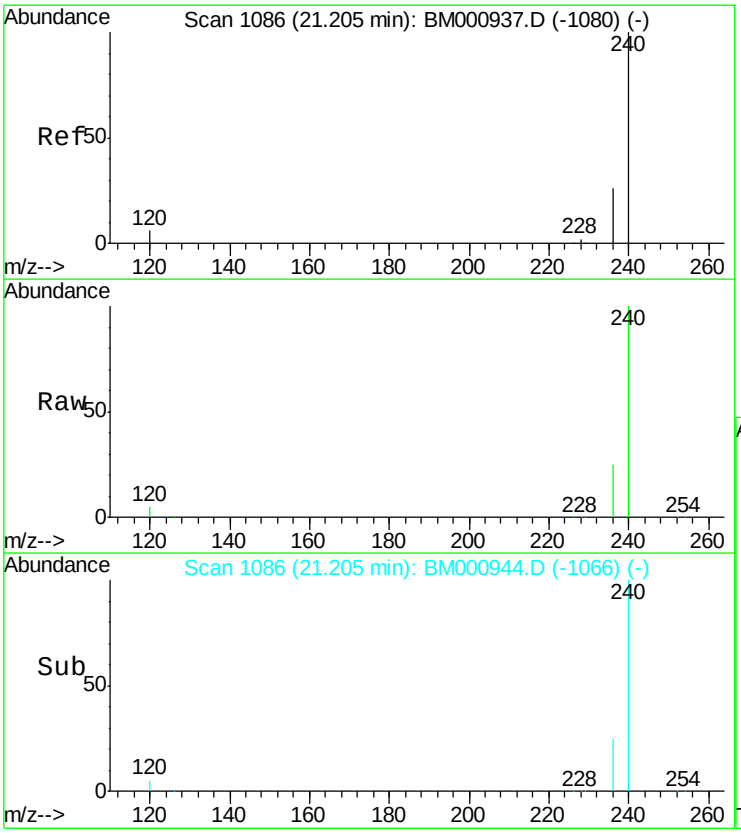
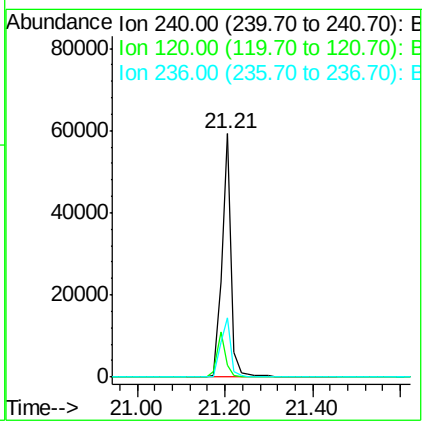
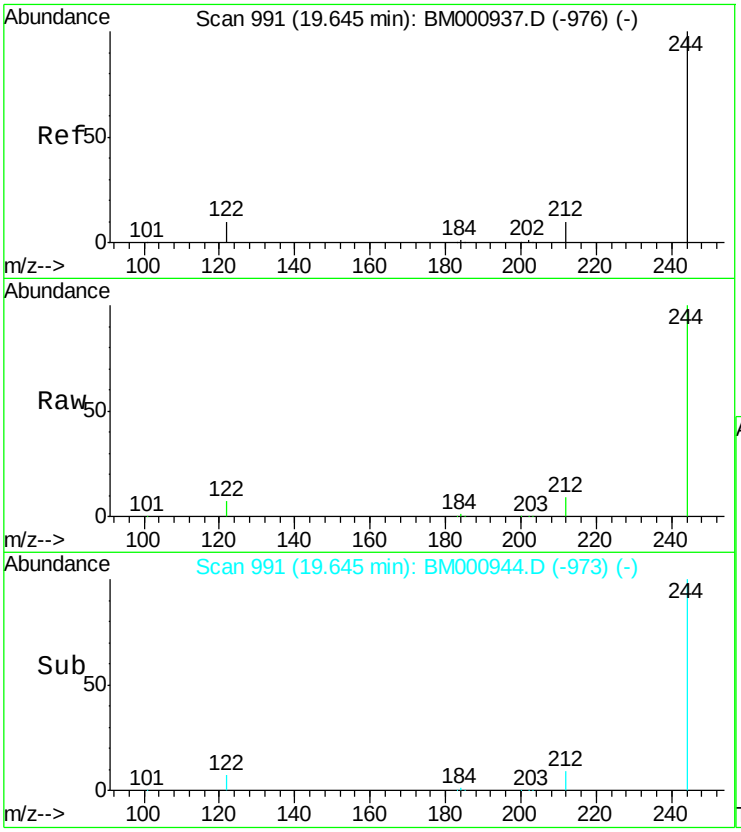


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:240 Resp: 85279

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.6	22.1	33.1

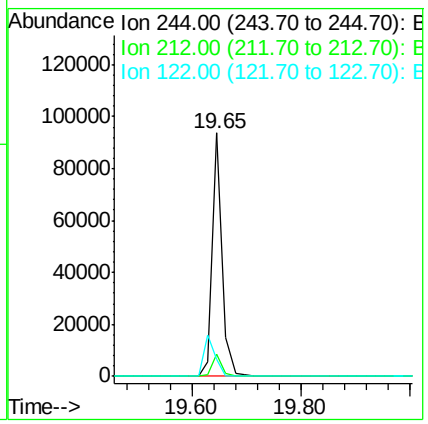




#33
Terphenyl-d14
Concen: 11.55 ng
RT: 19.65 min Scan# 991
Delta R.T. 0.01 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:244 Resp: 119880

Ion	Ratio	Lower	Upper
244	100		
212	9.3	9.4	14.0#
122	7.1	20.9	31.3#



Instrument :
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ClientSampleId :
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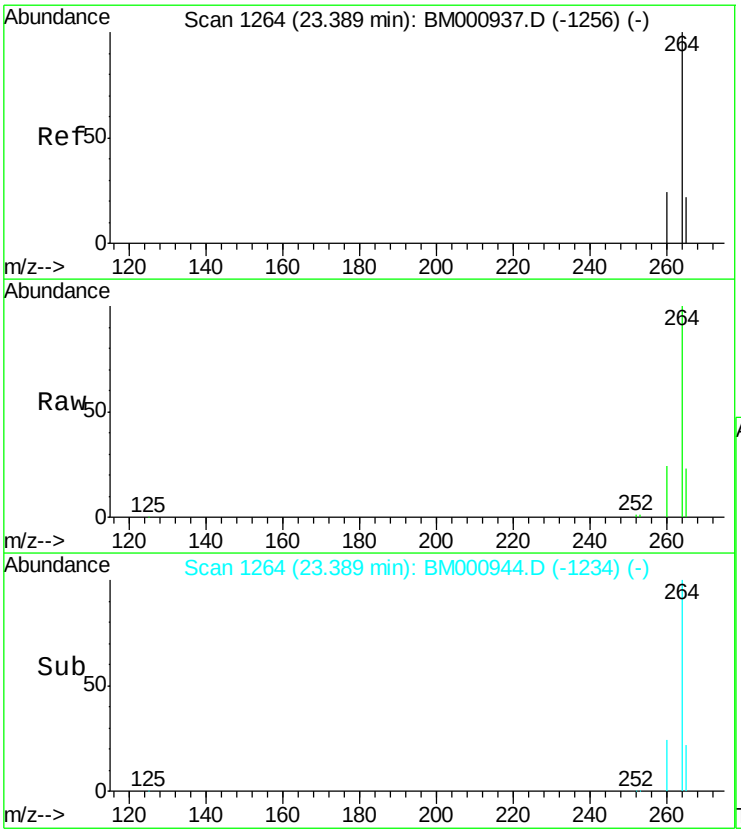

#38
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM000944.D
Acq: 10 Apr 2015 18:02

Tgt Ion:264 Resp: 76611

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.6	30.8
265	22.8	16.4	24.6