Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
Data File : BM001503.D
Acq On : 31 May 2015 09:19
Operator : TP/IZ
Sample : G2438-03MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

Manual Integrations APPROVED
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Quant Time: Jun 01 05:55:25 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	14801	5.00	ng		0.00
6) Naphthalene-d8	10.15	136	57837	5.00	ng		0.00
9) Acenaphthene-d10	14.06	164	30503	5.00	ng		0.00
15) Phenanthrene-d10	16.80	188	60664	5.00	ng		0.00
17) Chrysene-d12	21.01	240	48626	5.00	ng		-0.01
21) Perylene-d12	23.11	264	43179	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	4.97	112	34402	11.81	ng		0.00
3) Phenol-d6	6.57	99	50976	13.42	ng		0.00
7) Nitrobenzene-d5	8.51	82	26049	8.34	ng		-0.03
10) 2,4,6-Tribromophenol	15.56	330	15600	14.43	ng		0.00
11) 2-Fluorobiphenyl	12.67	172	71355	8.07	ng		0.00
18) Terphenyl-d14	19.46	244	51782	7.96	ng		0.00
Target Compounds							Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	27237	9.29	ng		90
5) n-Nitroso-di-n-propylamine	8.18	70	20898	8.73	ng		91
8) bis(2-Chloroethoxy)methane	9.58	93	34110	9.14	ng		98
12) 2,6-Dinitrotoluene	13.65	165	16325	8.67	ng	#	69
13) 2,4-Dinitrotoluene	14.45	165	22511	9.32	ng	#	84
14) 4-Chlorophenyl-phenylether	15.12	204	38219	8.63	ng	#	70
16) 4-Bromophenyl-phenylether	16.01	248	22658	8.96	ng	#	87
19) Benzo(a)anthracene	21.00	228	109203	8.24	ng	#	88
20) 3,3'-Dichlorobenzidine	20.95	252	46096m	10.64	ng		

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

Quantitation Report (QT Reviewed)

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Data File : BM001503.D
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Operator : TP/IZ
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Misc :
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Quant Time: Jun 01 05:55:25 2015
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Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

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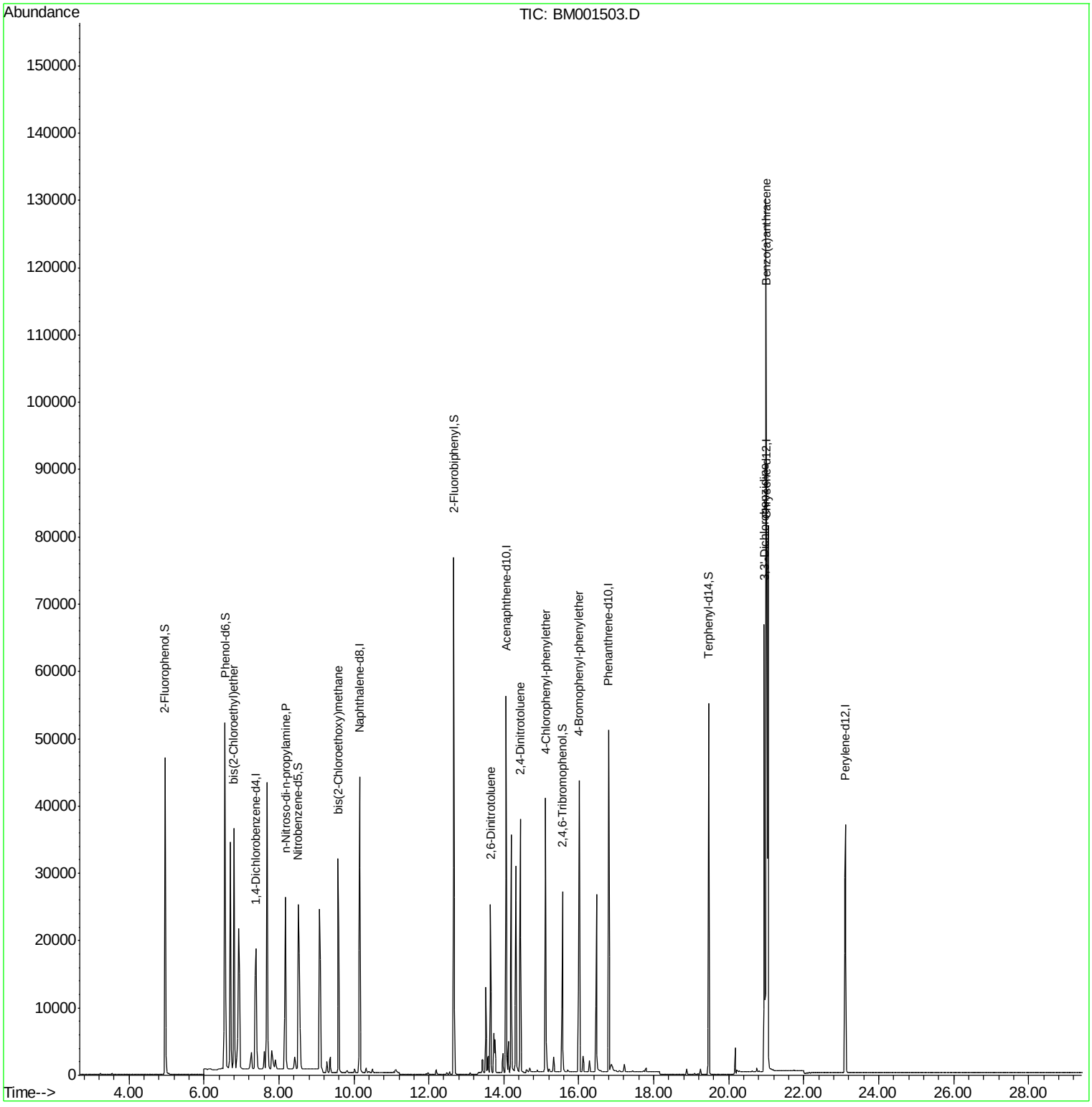
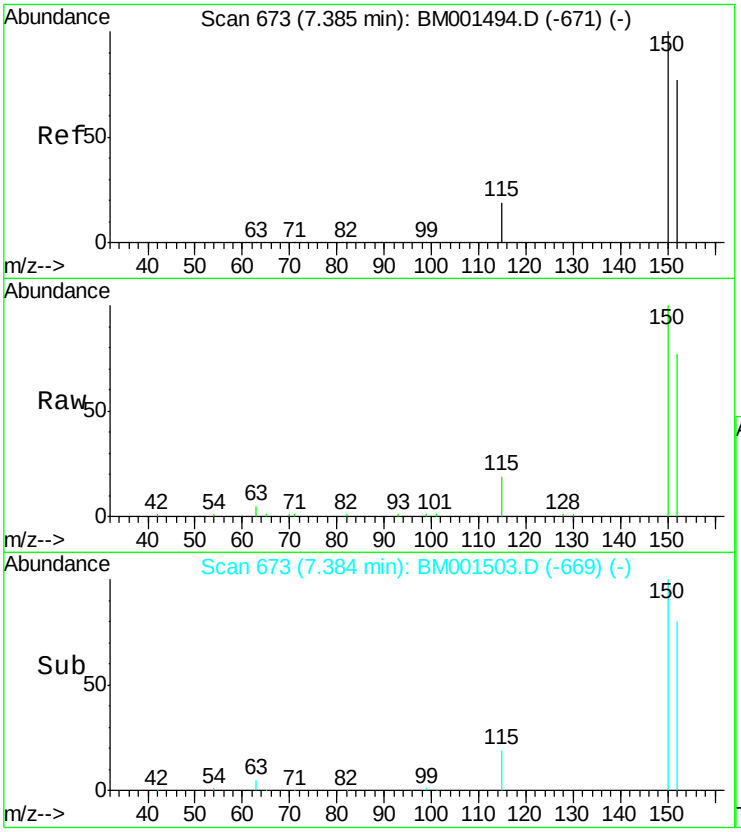
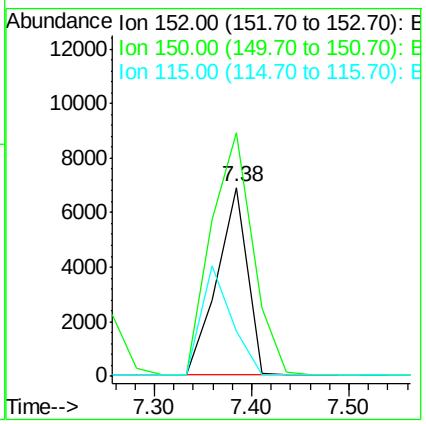




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:152 Resp: 14801

Ion	Ratio	Lower	Upper
152	100		
150	129.1	103.8	155.8
115	24.1	20.7	31.1



Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

Manual Integrations APPROVED
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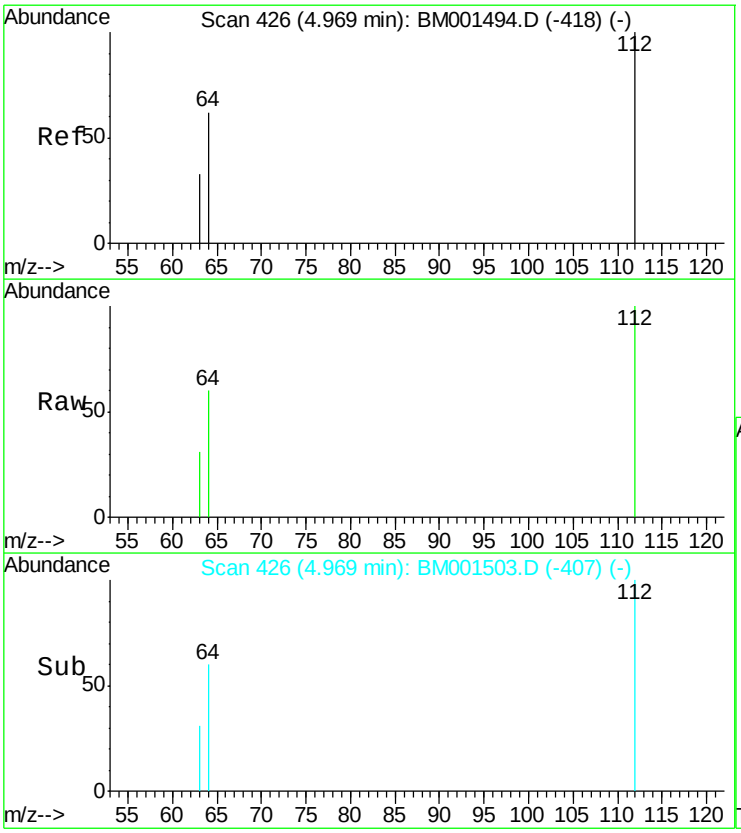
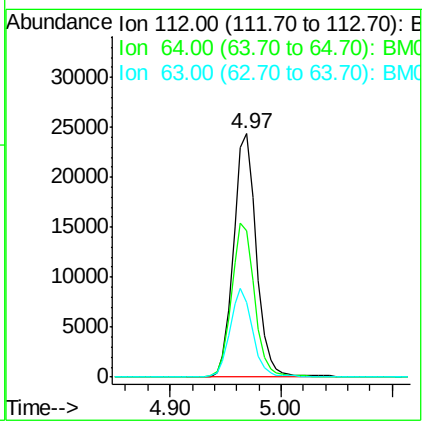
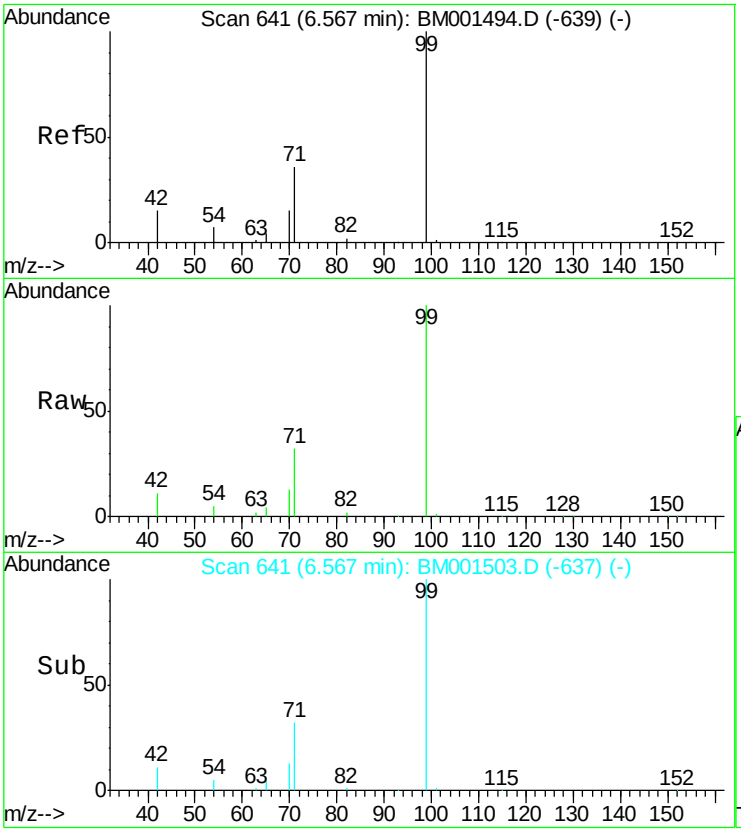


#2
2-Fluorophenol
Concen: 11.81 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:112 Resp: 34402

Ion	Ratio	Lower	Upper
112	100		
64	59.9	50.2	75.2
63	30.7	28.2	42.4





#3
Phenol-d6
Concen: 13.42 ng
RT: 6.57 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion: 99 Resp: 50976

Ion	Ratio	Lower	Upper
99	100		
42	11.2	15.2	22.8#
71	32.2	30.6	46.0

Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

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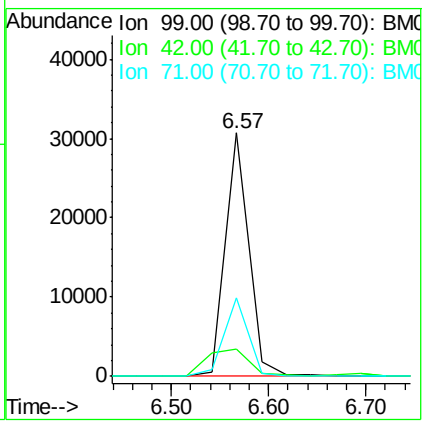
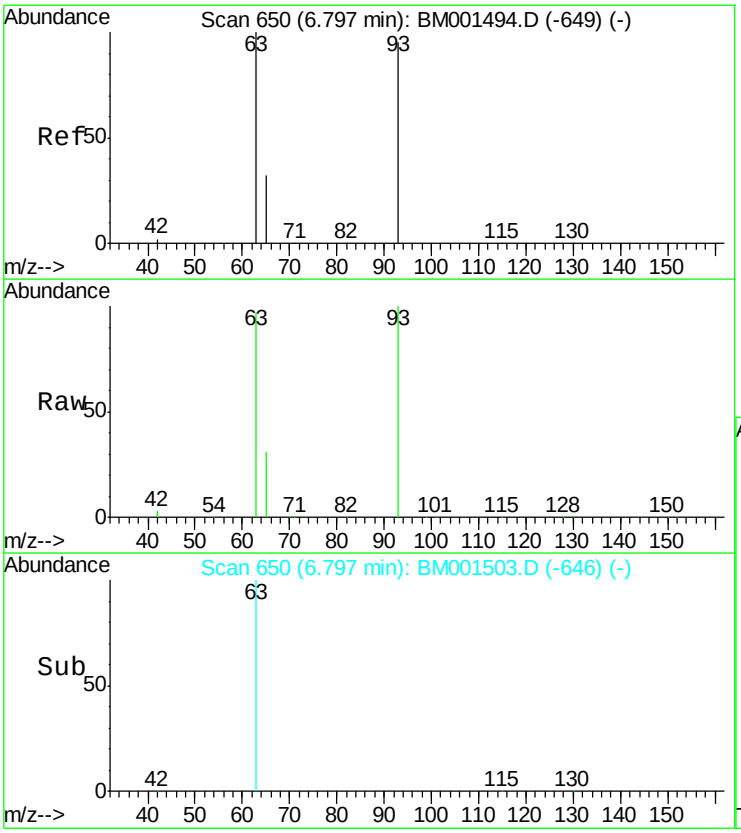
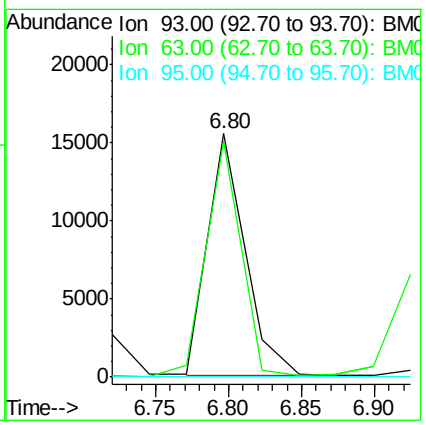


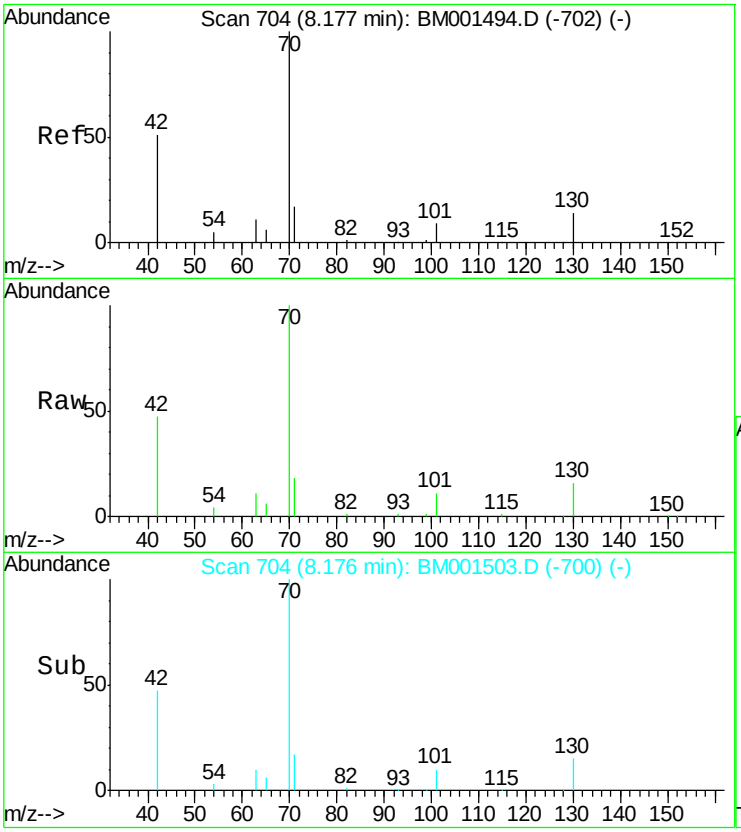


#4
bis(2-Chloroethyl)ether
Concen: 9.29 ng
RT: 6.80 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion: 93 Resp: 27237

Ion	Ratio	Lower	Upper
93	100		
63	96.7	86.8	126.8
95	0.0	0.0	20.0

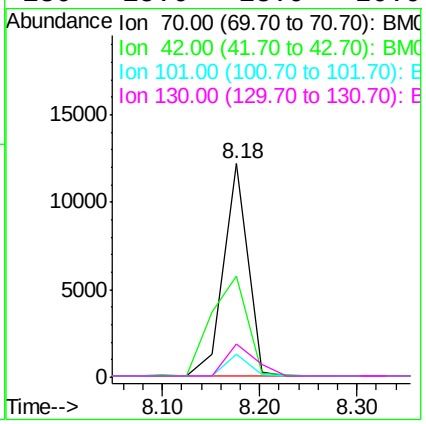




#5
n-Nitroso-di-n-propylamine
Concen: 8.73 ng
RT: 8.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion: 70 Resp: 20898

Ion	Ratio	Lower	Upper
70	100		
42	47.3	44.2	66.2
101	10.6	10.3	15.5
130	15.6	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

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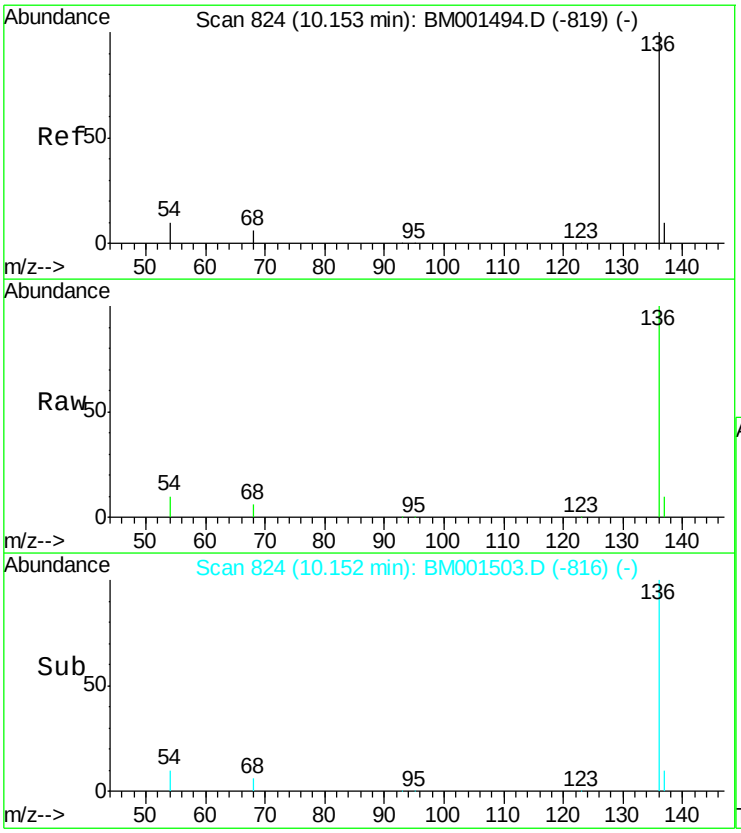
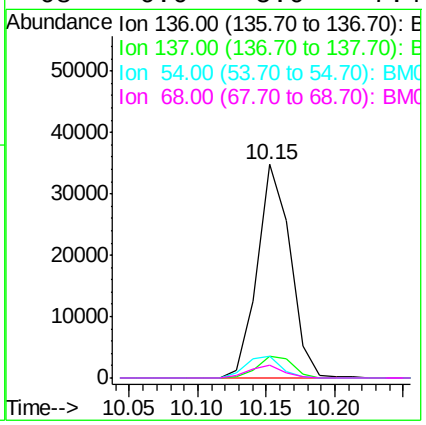
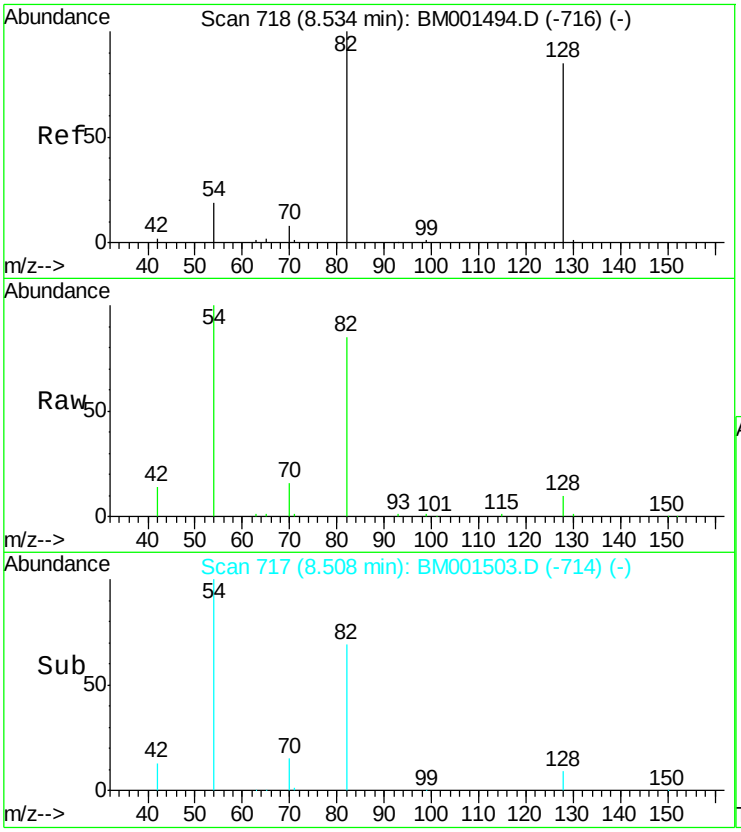


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.15 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:136 Resp: 57837

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	10.2	8.5	12.7
68	6.0	5.0	7.4





#7
Nitrobenzene-d5
Concen: 8.34 ng
RT: 8.51 min Scan# 717
Delta R.T. -0.03 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion: 82 Resp: 26049

Ion	Ratio	Lower	Upper
82	100		
128	11.8	68.2	102.2#
54	118.2	21.0	31.4#

Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

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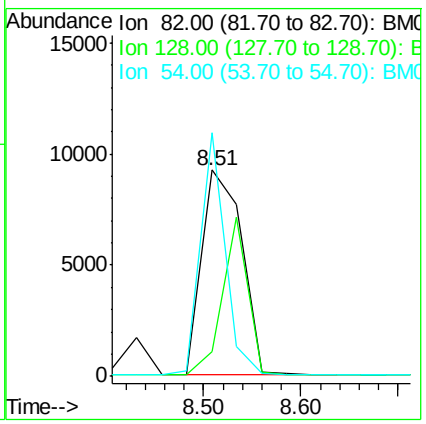
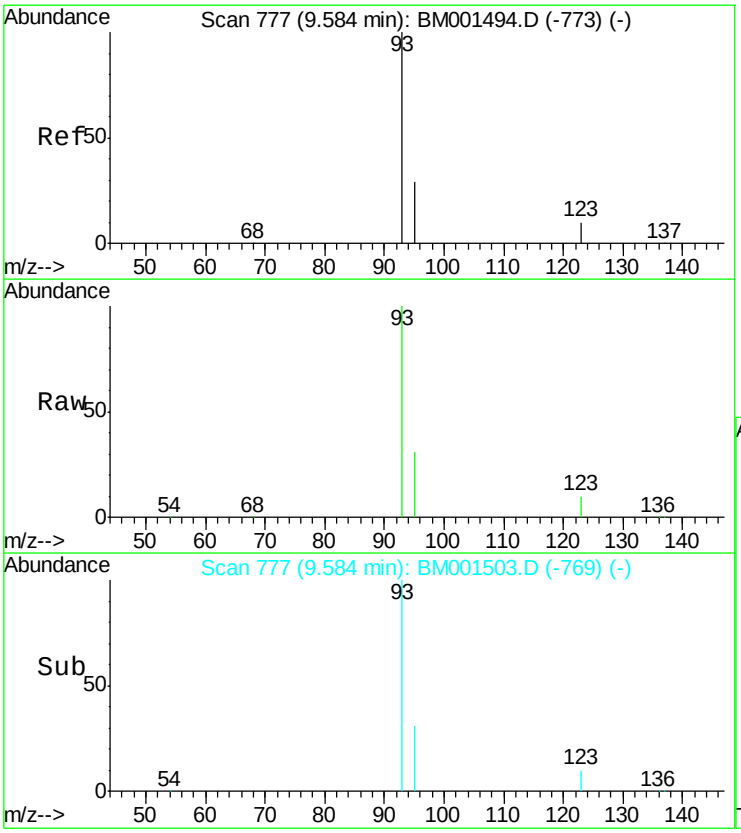
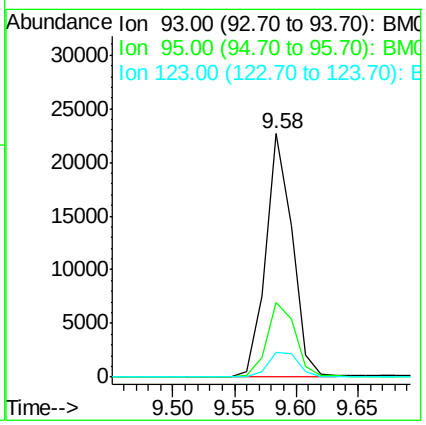


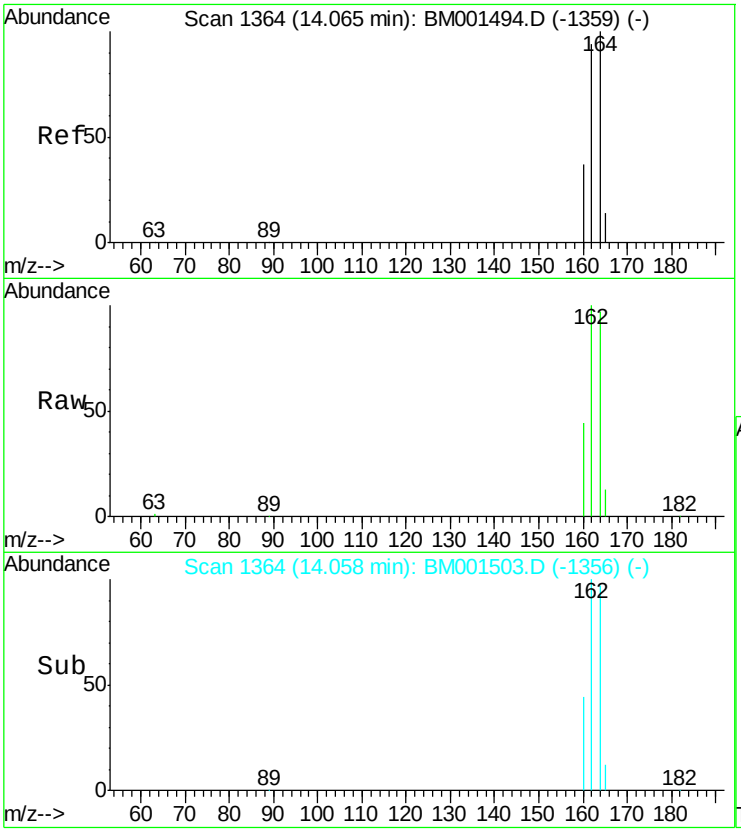


#8
bis(2-Chloroethoxy)methane
Concen: 9.14 ng
RT: 9.58 min Scan# 777
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion: 93 Resp: 34110

Ion	Ratio	Lower	Upper
93	100		
95	30.7	25.0	37.6
123	10.2	9.5	14.3

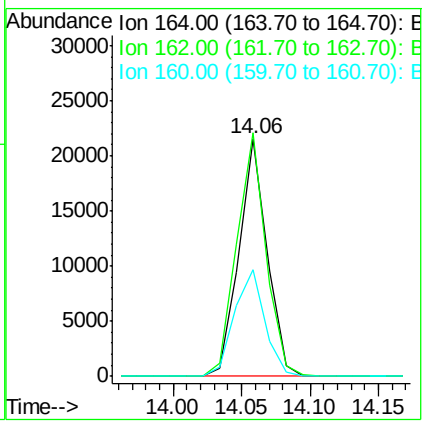




#9
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.06 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:164 Resp: 30503

Ion	Ratio	Lower	Upper
164	100		
162	102.6	75.3	112.9
160	45.1	30.1	45.1



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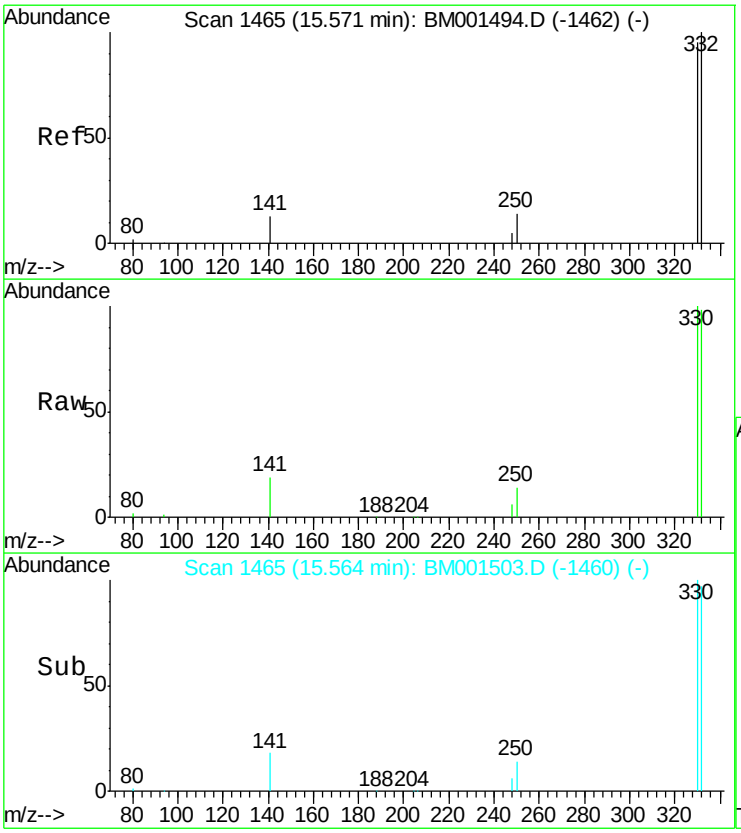
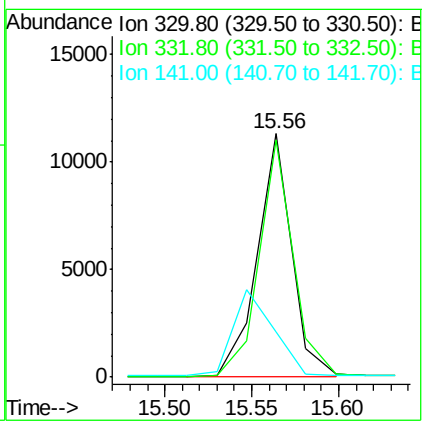
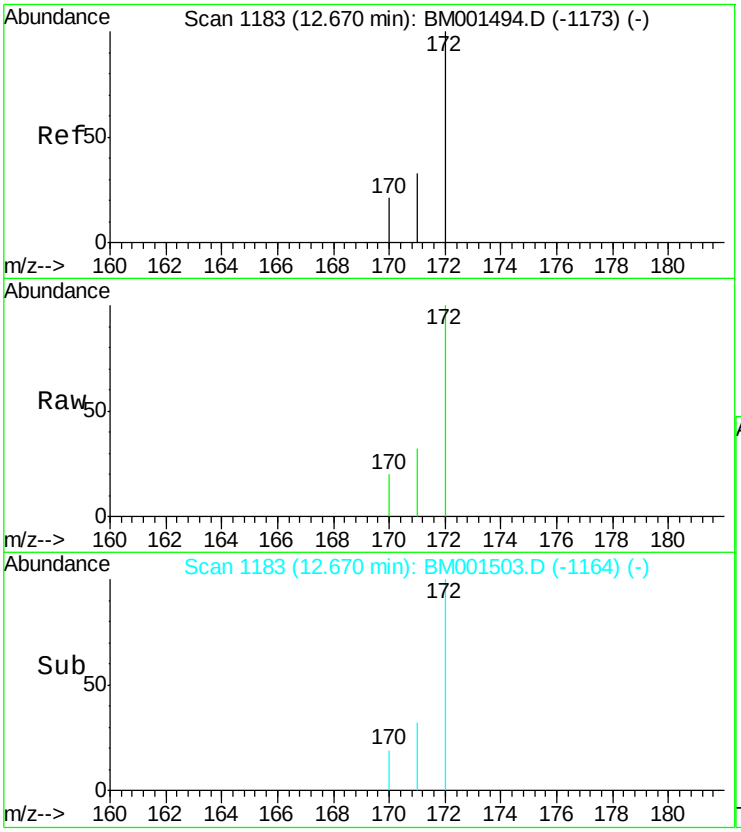


#10
2,4,6-Tribromophenol
Concen: 14.43 ng
RT: 15.56 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:330 Resp: 15600

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	42.1	34.3	51.5





#11
2-Fluorobiphenyl
Concen: 8.07 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:172 Resp: 71355

Ion	Ratio	Lower	Upper
172	100		
171	31.9	27.2	40.8
170	19.6	17.8	26.6

Instrument :
BNA_M
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Manual Integrations APPROVED
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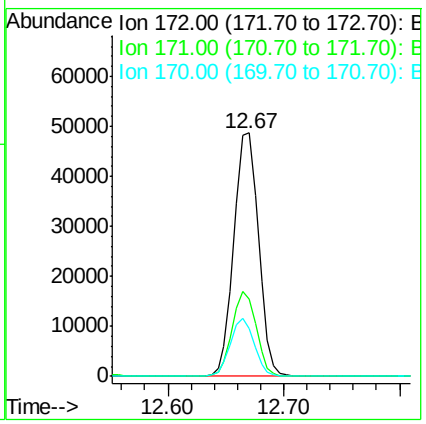
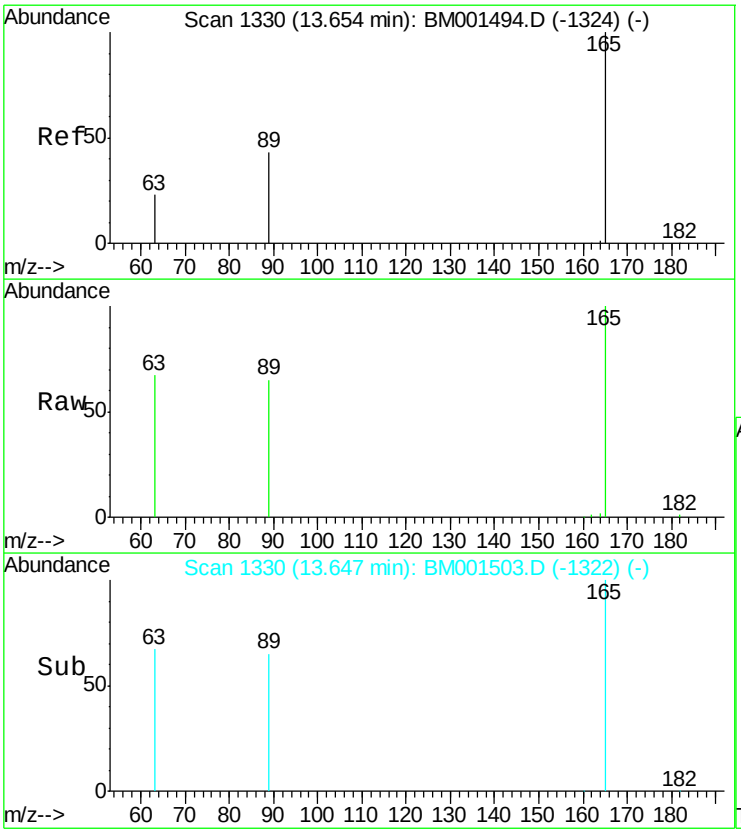
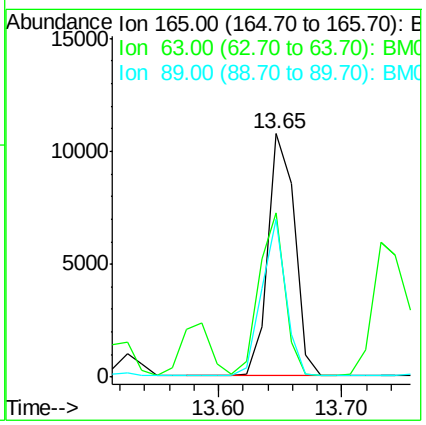


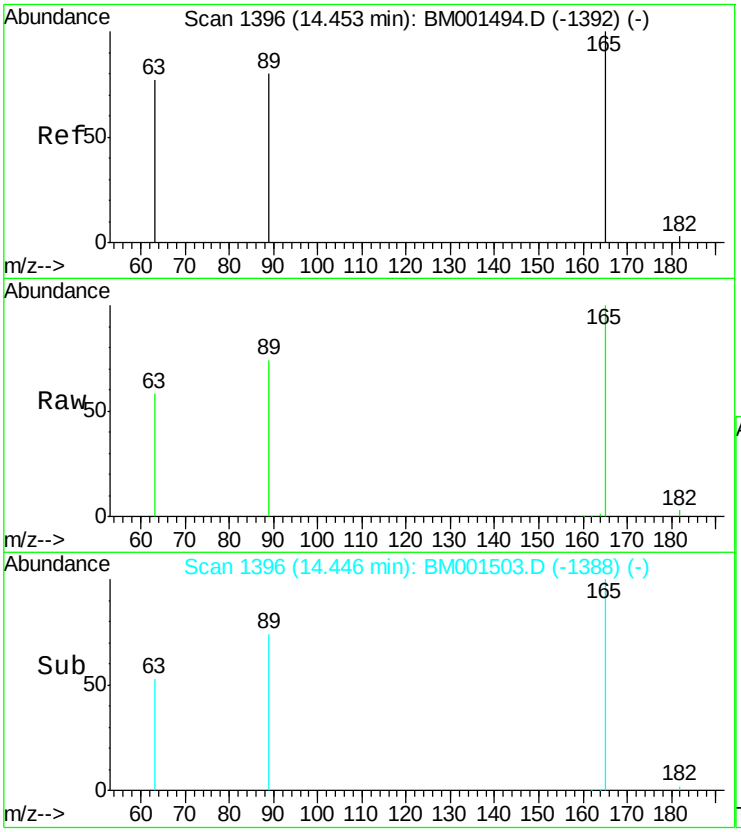


#12
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 13.65 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:165 Resp: 16325

Ion	Ratio	Lower	Upper
165	100		
63	67.3	35.3	52.9#
89	64.8	37.4	56.2#

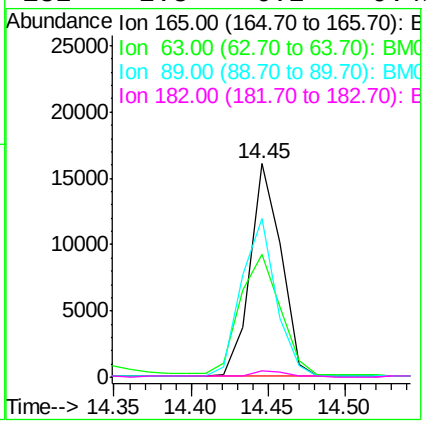




#13
2,4-Dinitrotoluene
Concen: 9.32 ng
RT: 14.45 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:165 Resp: 22511

Ion	Ratio	Lower	Upper
165	100		
63	57.7	63.9	95.9#
89	74.2	65.0	97.6
182	2.8	6.2	9.4#



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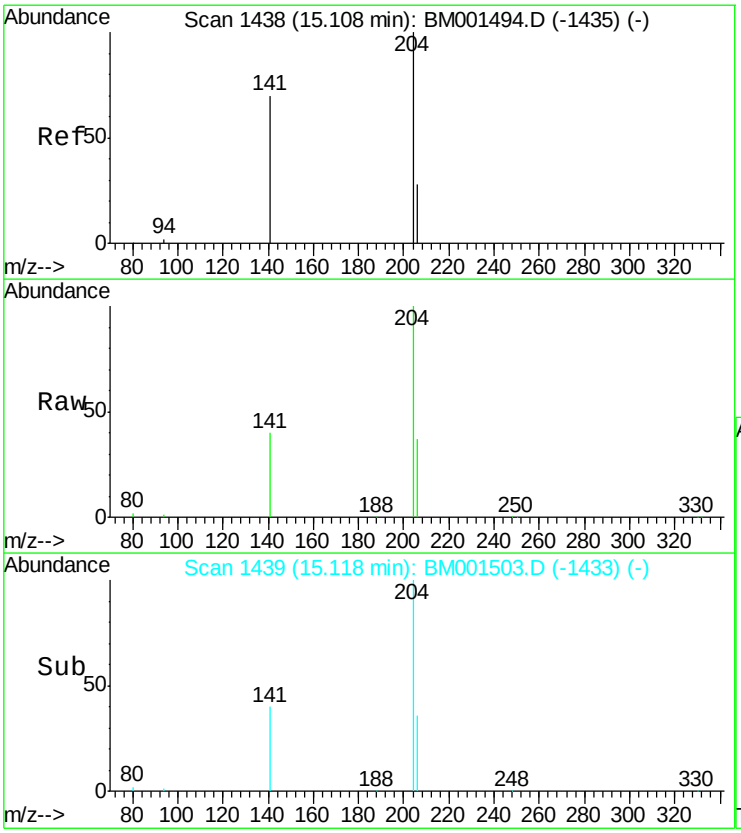
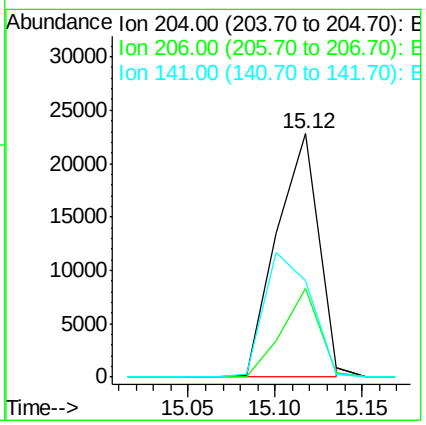
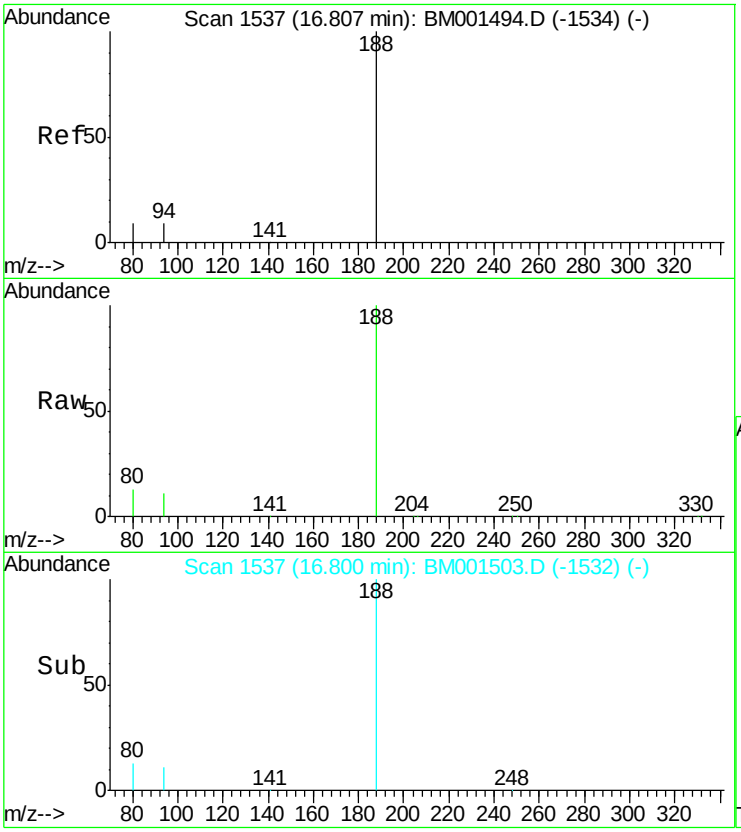


#14
4-Chlorophenyl-phenylether
Concen: 8.63 ng
RT: 15.12 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:204 Resp: 38219

Ion	Ratio	Lower	Upper
204	100		
206	36.6	23.8	35.6#
141	39.8	56.6	85.0#





#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.80 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:188 Resp: 60664

Ion	Ratio	Lower	Upper
188	100		
94	11.4	7.1	10.7#
80	13.0	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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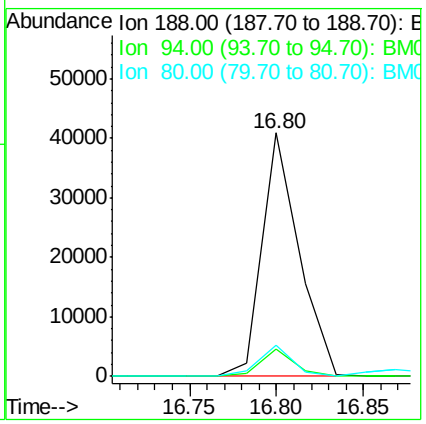
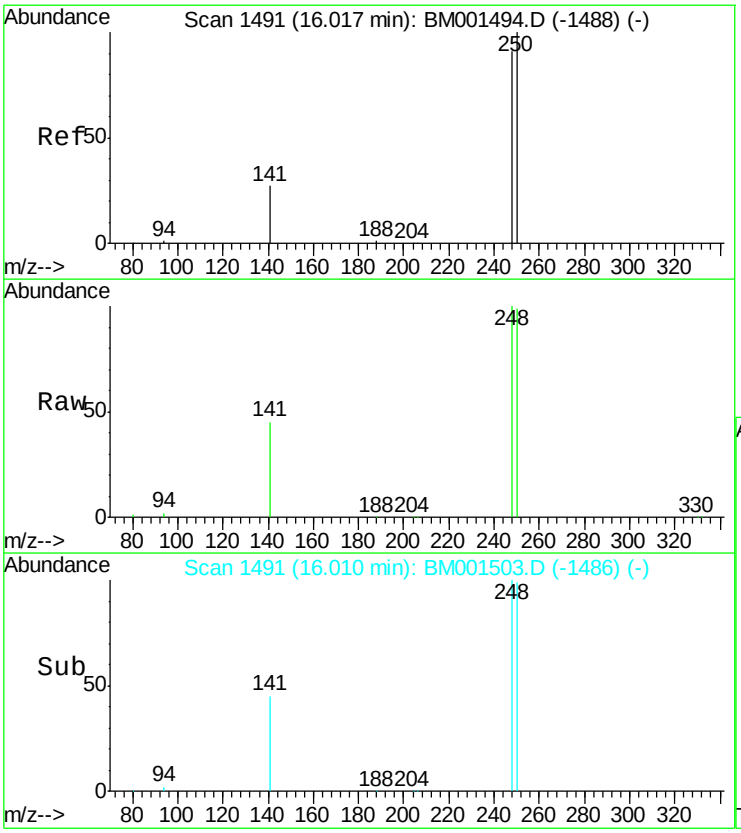
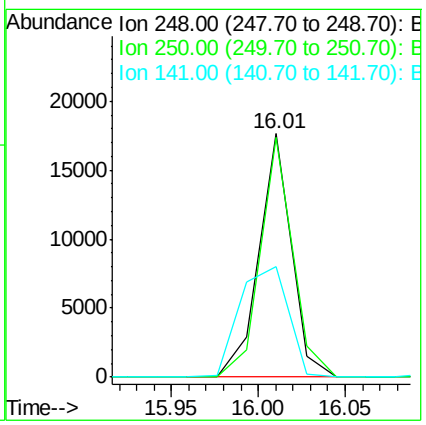


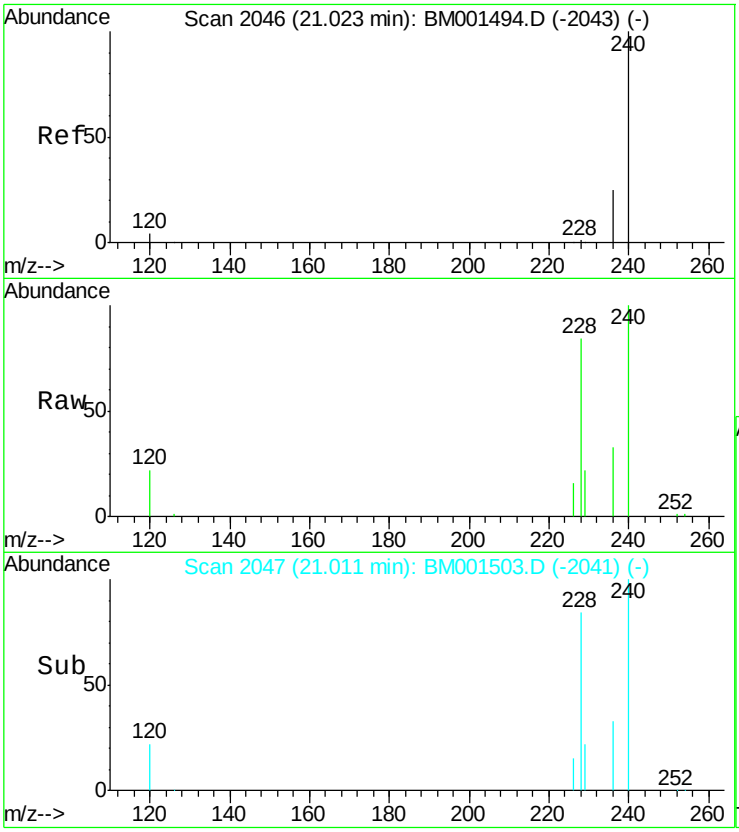


#16
4-Bromophenyl-phenylether
Concen: 8.96 ng
RT: 16.01 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:248 Resp: 22658

Ion	Ratio	Lower	Upper
248	100		
250	98.5	87.3	130.9
141	45.4	25.8	38.8#





#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.01 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:240 Resp: 48626

Ion	Ratio	Lower	Upper
240	100		
120	22.2	3.7	5.5#
236	32.8	19.8	29.8#

Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

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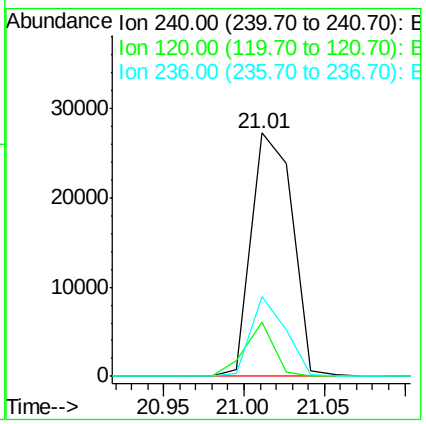
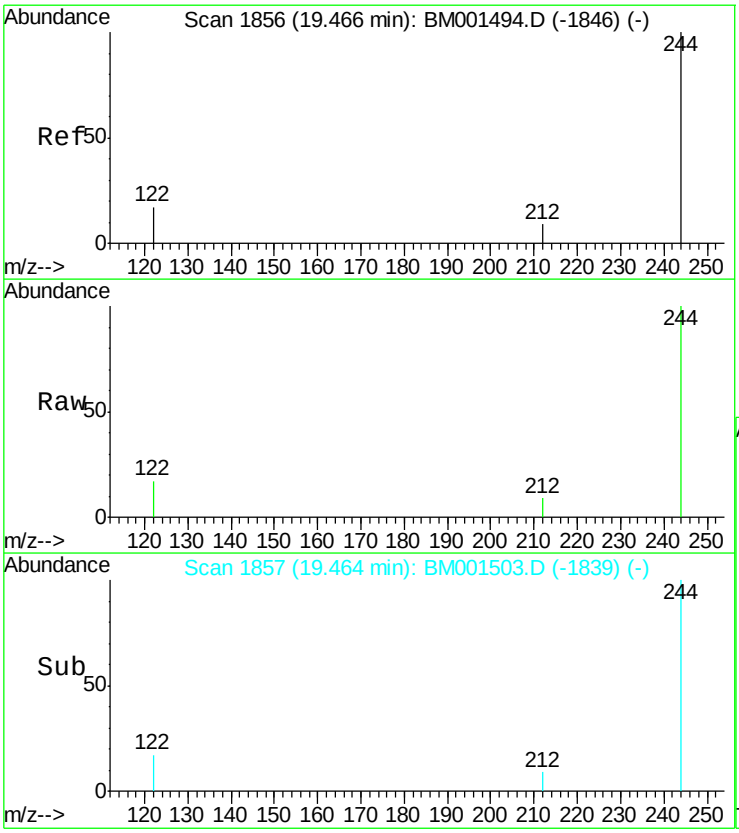
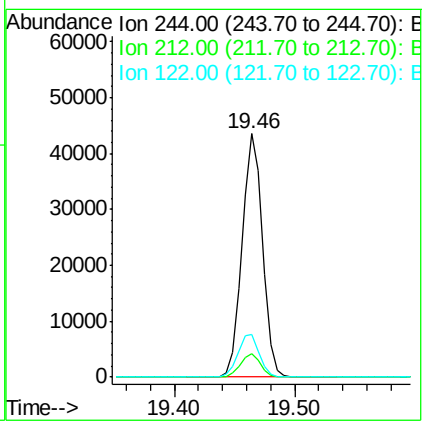


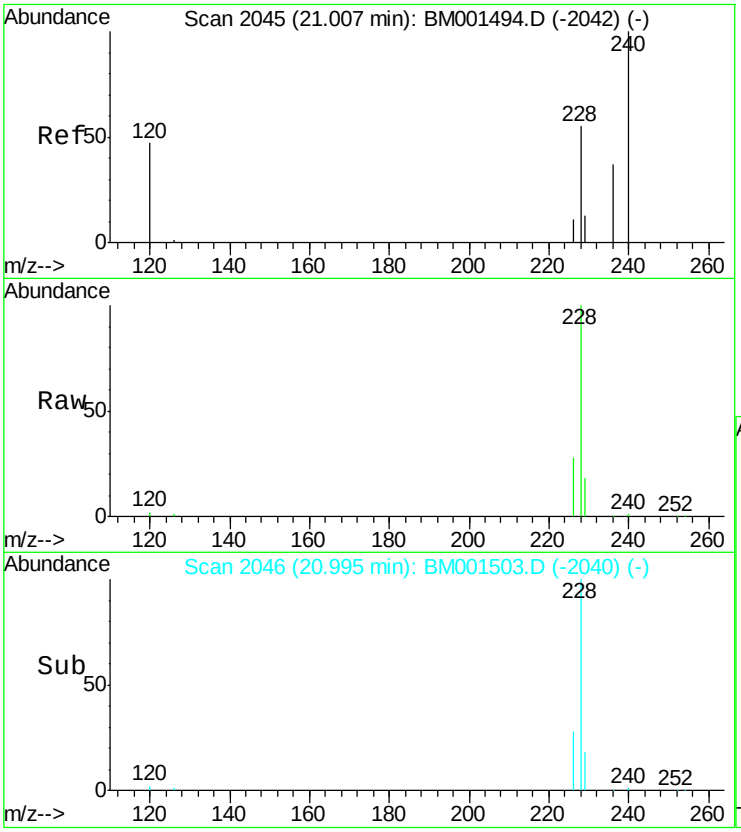


#18
Terphenyl-d14
Concen: 7.96 ng
RT: 19.46 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:244 Resp: 51782

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.0	12.0
122	17.5	14.1	21.1





#19
Benzo(a)anthracene
Concen: 8.24 ng
RT: 21.00 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:228 Resp: 109203

Ion	Ratio	Lower	Upper
228	100		
226	27.7	17.5	26.3#
229	17.8	19.0	28.4#

Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

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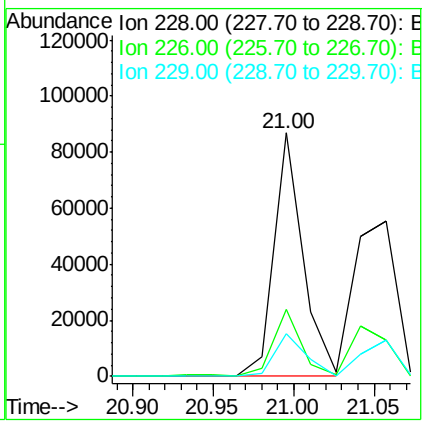
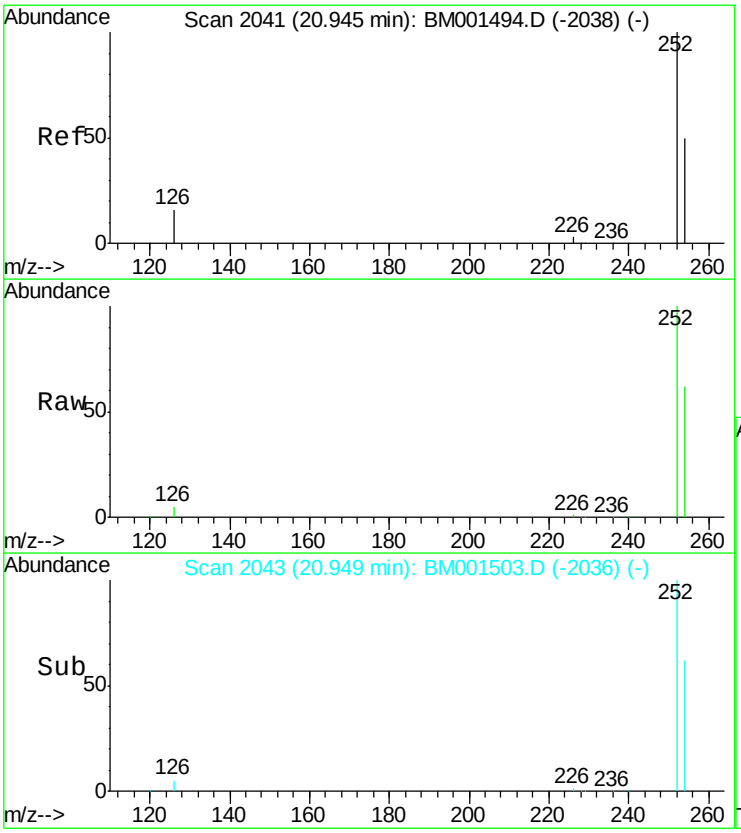
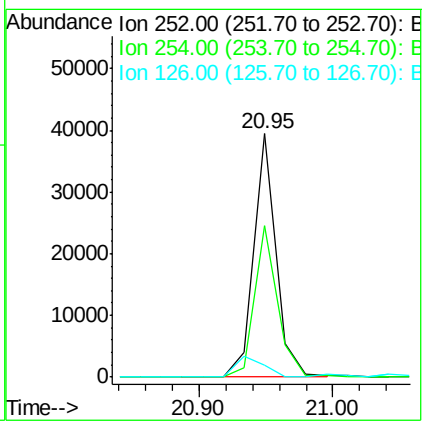


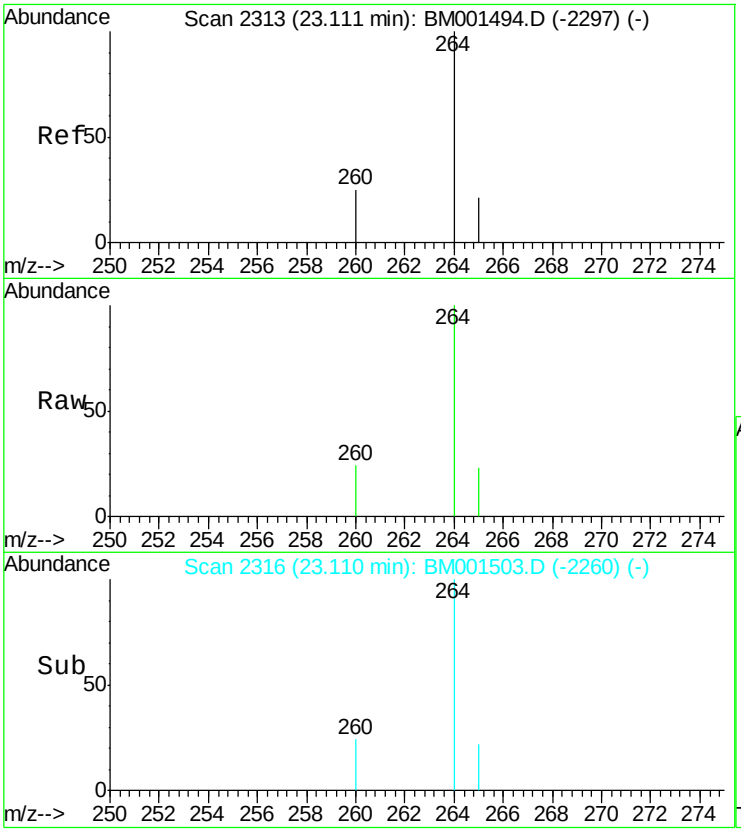


#20
3,3'-Dichlorobenzidine
Concen: 10.64 ng m
RT: 20.95 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:252 Resp: 46096

Ion	Ratio	Lower	Upper
252	100		
254	62.3	41.2	61.8#
126	5.0	14.7	22.1#

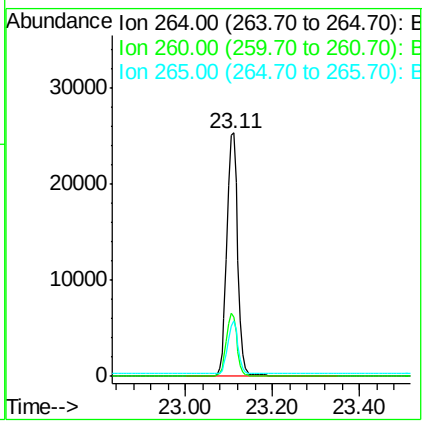




#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BM001503.D
Acq: 31 May 2015 09:19

Tgt Ion:264 Resp: 43179

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.6	18.0	27.0



Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MS

Manual Integrations APPROVED
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