Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004521.D
Acq On : 02 Mar 2016 15:45
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-2

Quant Time: Mar 02 17:43:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 14:46:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	19658	5.00	ng	0.00
7) Naphthalene-d8	10.37	136	78936	5.00	ng	-0.02
13) Acenaphthene-d10	14.15	164	17397	5.00	ng	-0.11
19) Phenanthrene-d10	16.78	188	2056	5.00	ng	-0.23
26) Chrysene-d12	20.92	240	63	5.00	ng	-0.30
35) Perylene-d12	0.00	264	0	0.00	ng	-23.45
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	11961	2.91	ng	-0.03
5) Phenol-d6	6.81	99	10705	2.06	ng	-0.02
8) Nitrobenzene-d5	8.76	82	18892	4.49	ng	-0.03
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	12.87	172	63140	11.63	ng	-0.01
29) Terphenyl-d14	19.40	244	394	43.06	ng	-0.27
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.46	42	255	0.18	ng	# 1
6) bis(2-Chloroethyl)ether	7.07	93	320	0.16	ng	# 7
9) Nitrobenzene	8.86	77	1005	0.38	ng	# 33
10) Naphthalene	10.42	128	10626	0.57	ng	# 1
16) Acenaphthylene	13.84	152	18759	2.20	ng	# 1
17) Acenaphthene	14.11	154	953	0.17	ng	# 69
18) Fluorene	15.22	166	2578	0.42	ng	# 9
21) Hexachlorobenzene	16.07	284	525	7.16	ng	# 100
22) Pentachlorophenol	16.55	266	262	11.52	ng	# 78
23) Phenanthrene	16.88	178	6784	17.12	ng	# 64
24) Anthracene	16.88	178	6815	13.36	ng	# 63
25) Fluoranthene	18.83	202	1105	2.07	ng	# 33
27) Benzidine	19.07	184	1206	139.32	ng	# 1
28) Pyrene	19.19	202	212	10.00	ng	# 1
31) 3,3'-Dichlorobenzidine	20.51	252	1556	258.22	ng	# 1
34) Indeno(1,2,3-cd)pyrene	25.33	276	6	0.32	ng	# 1

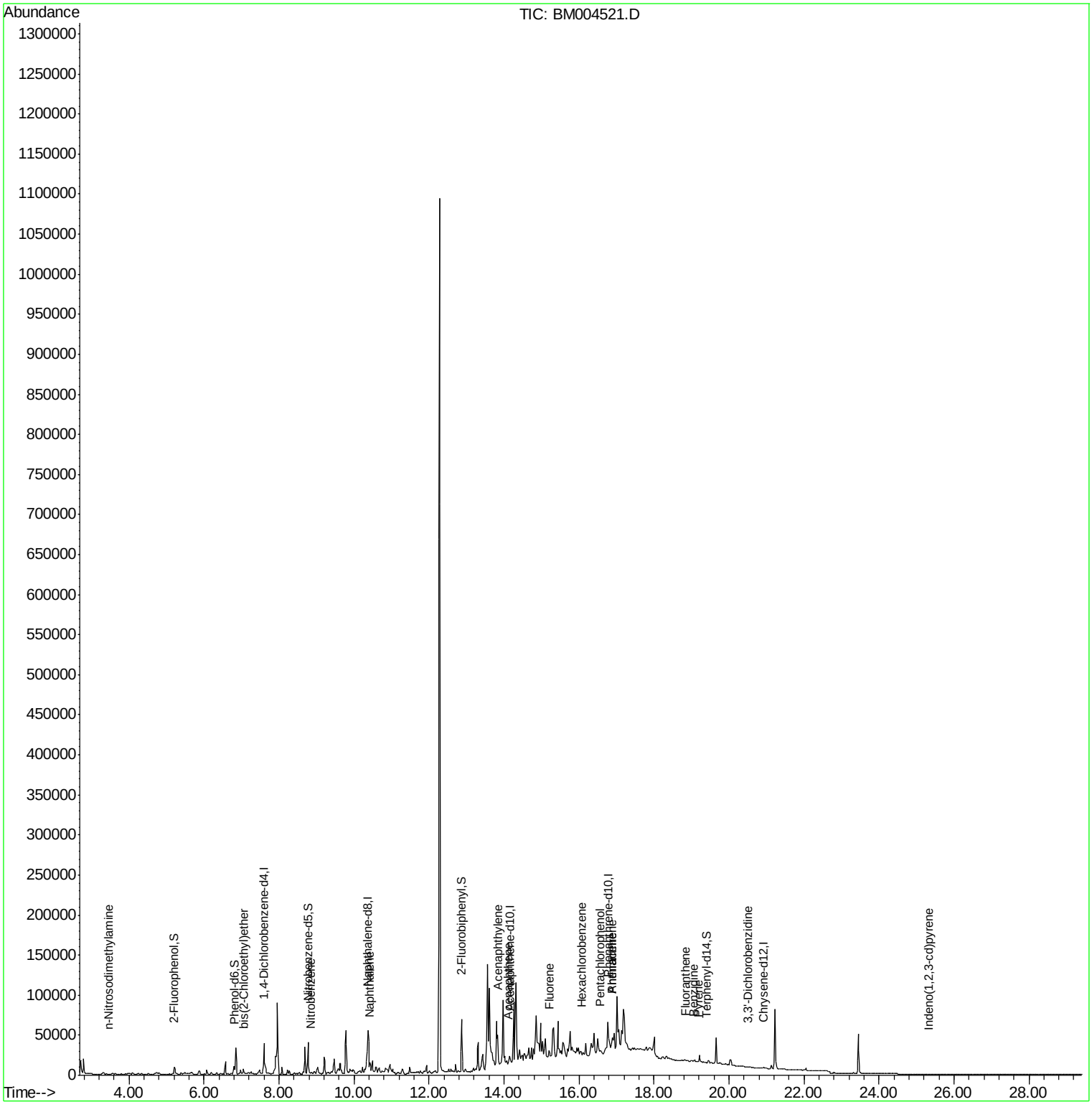
(#) = qualifier out of range (m) = manual integration (+) = signals summed

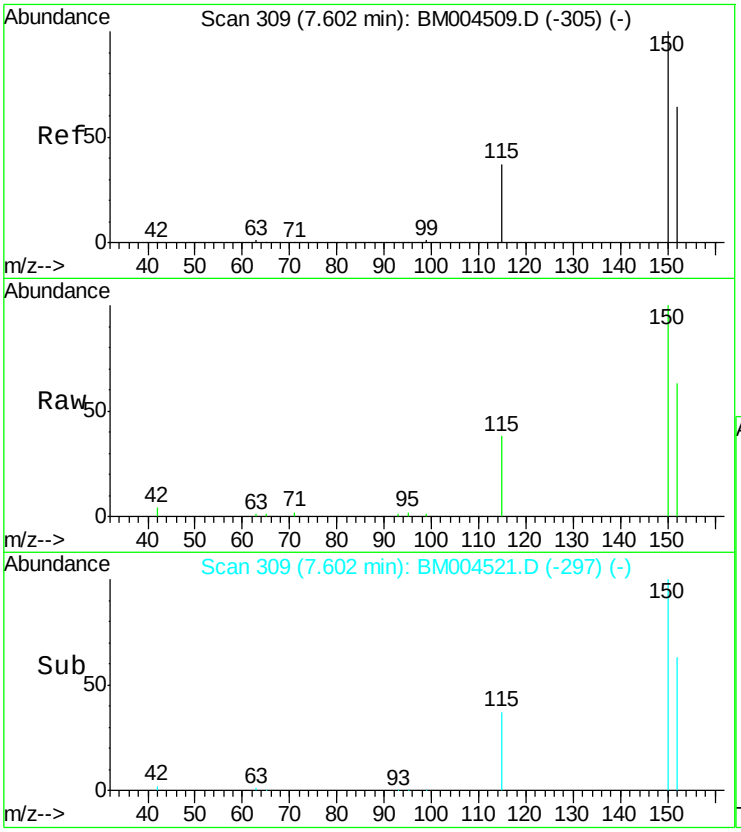
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004521.D
Acq On : 02 Mar 2016 15:45
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2

Quant Time: Mar 02 17:43:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 14:46:57 2016
Response via : Initial Calibration



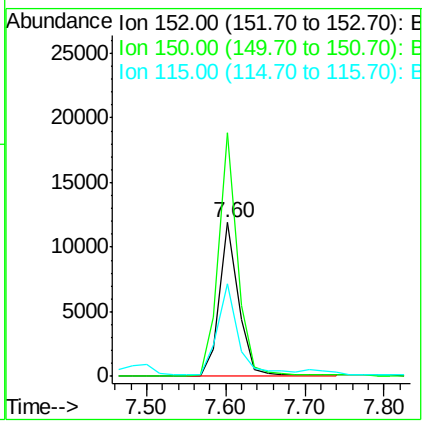


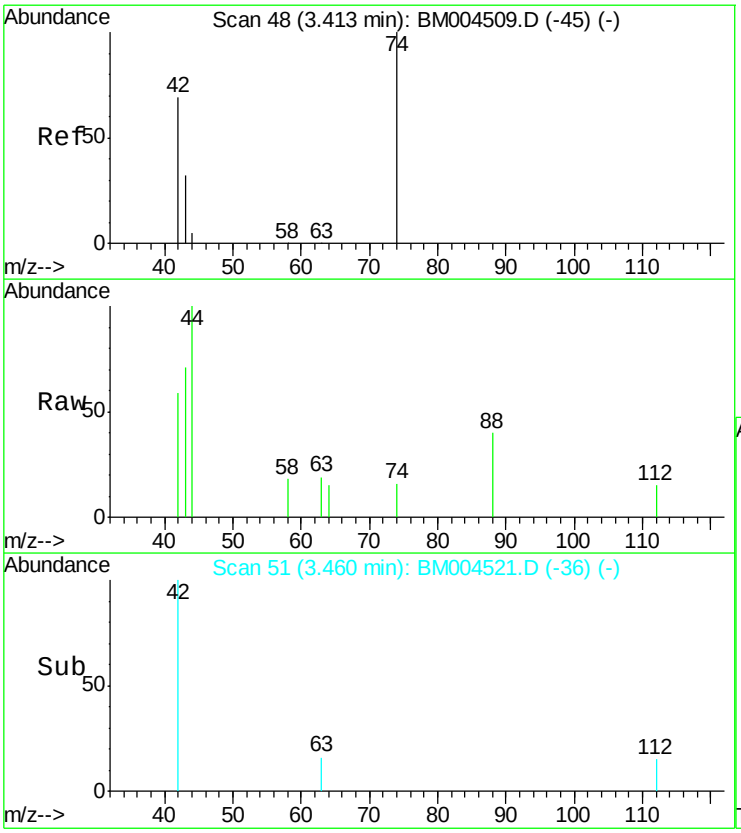
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 19658

Ion	Ratio	Lower	Upper
152	100		
150	158.7	134.2	201.2
115	60.0	52.2	78.4

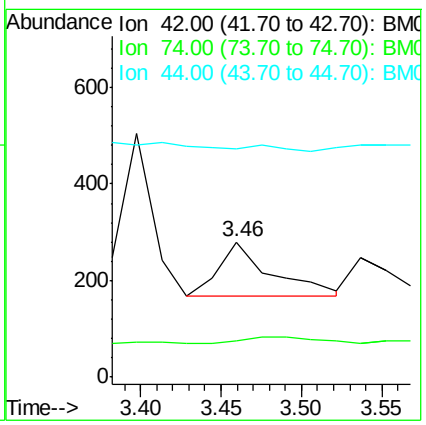


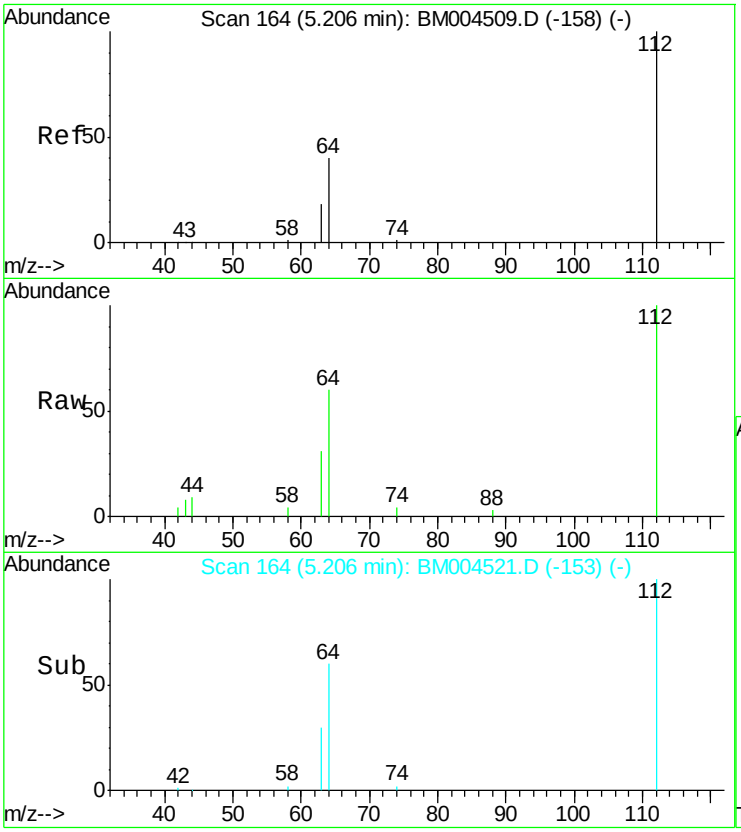


#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.46 min Scan# 51
Delta R.T. 0.03 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion: 42 Resp: 255

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.5	173.3#
44	0.0	6.2	9.4#



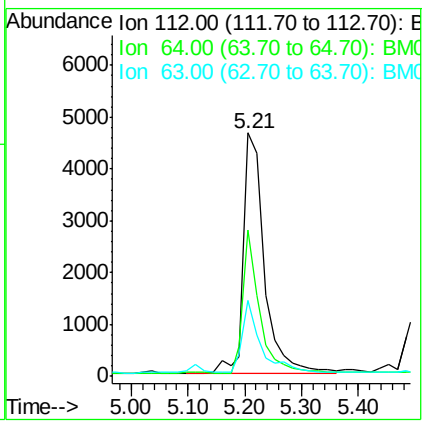


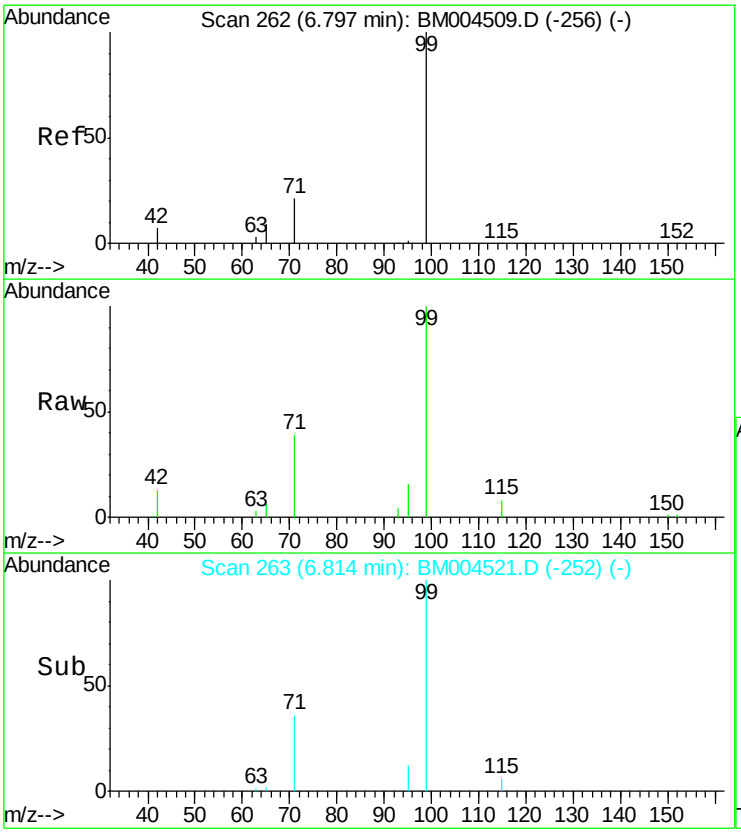
#4
2-Fluorophenol
Concen: 2.91 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.03 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:112 Resp: 11961

Ion	Ratio	Lower	Upper
112	100		
64	47.3	37.0	55.6
63	26.2	19.0	28.4

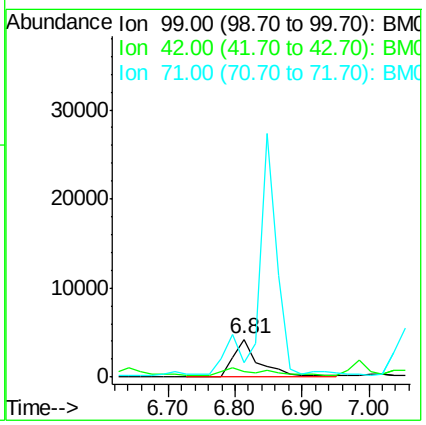


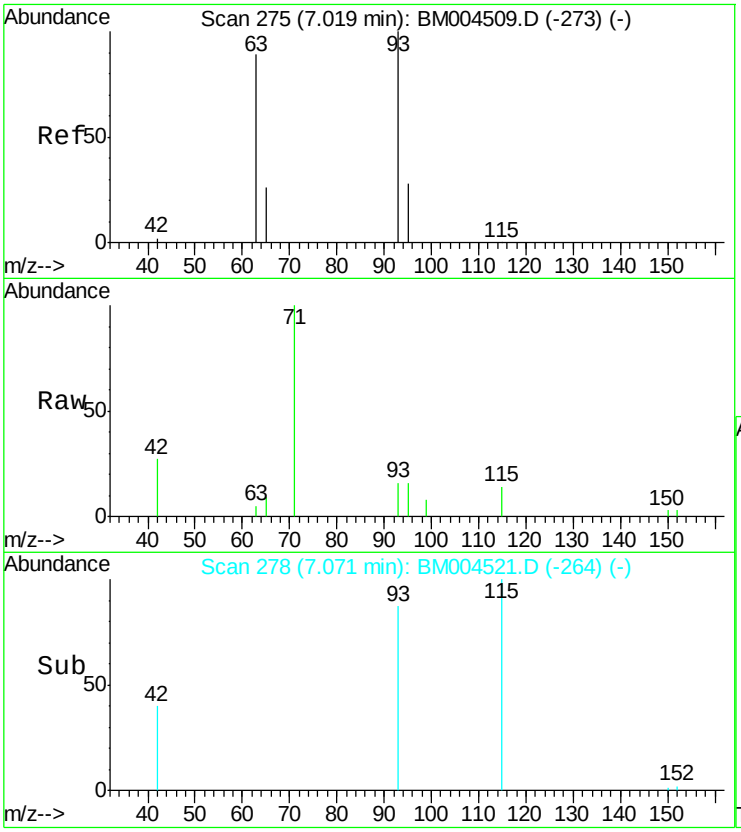


#5
Phenol-d6
Concen: 2.06 ng
RT: 6.81 min Scan# 263
Delta R.T. -0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion: 99 Resp: 10705

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.4
71	0.0	23.4	35.2#



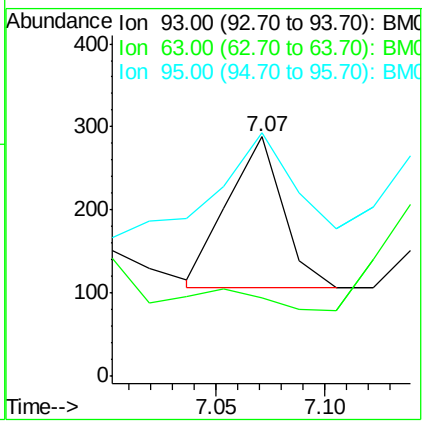


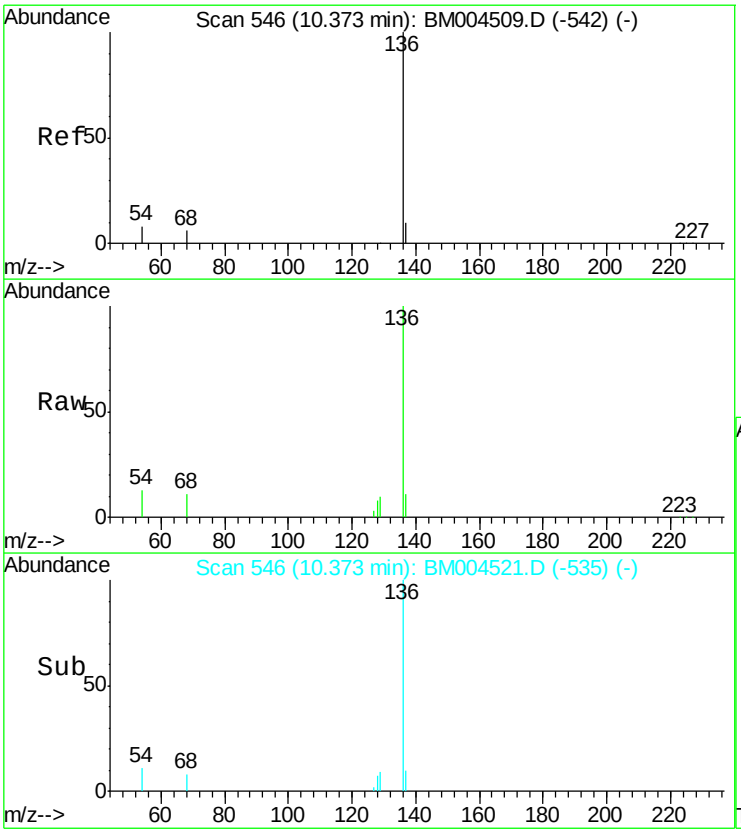
#6
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 7.07 min Scan# 278
Delta R.T. 0.03 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion: 93 Resp: 320

Ion	Ratio	Lower	Upper
93	100		
63	0.0	51.1	76.7#
95	95.6	25.0	37.6#

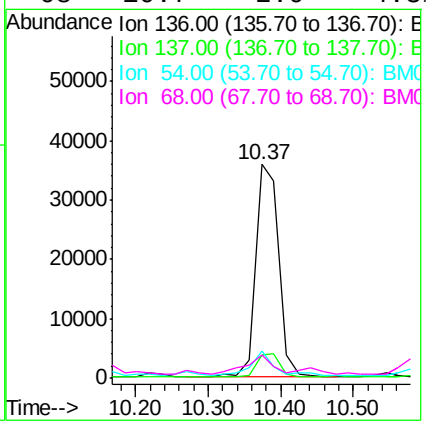


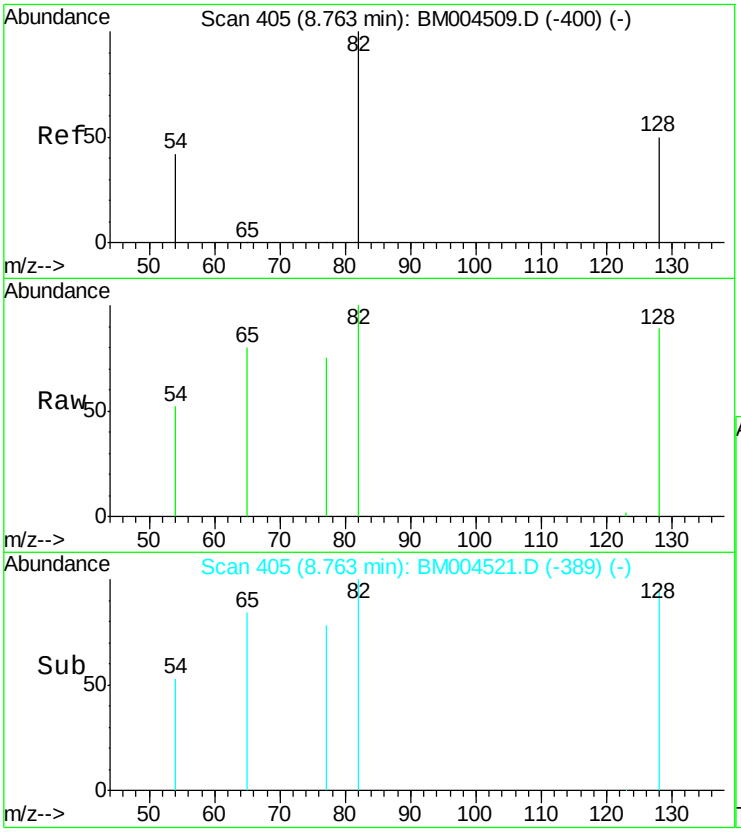


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 546
Delta R.T. -0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:136 Resp: 78936

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	12.5	3.3	4.9#
68	10.7	2.9	4.3#



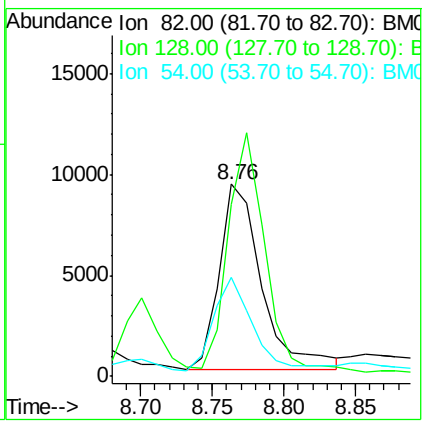


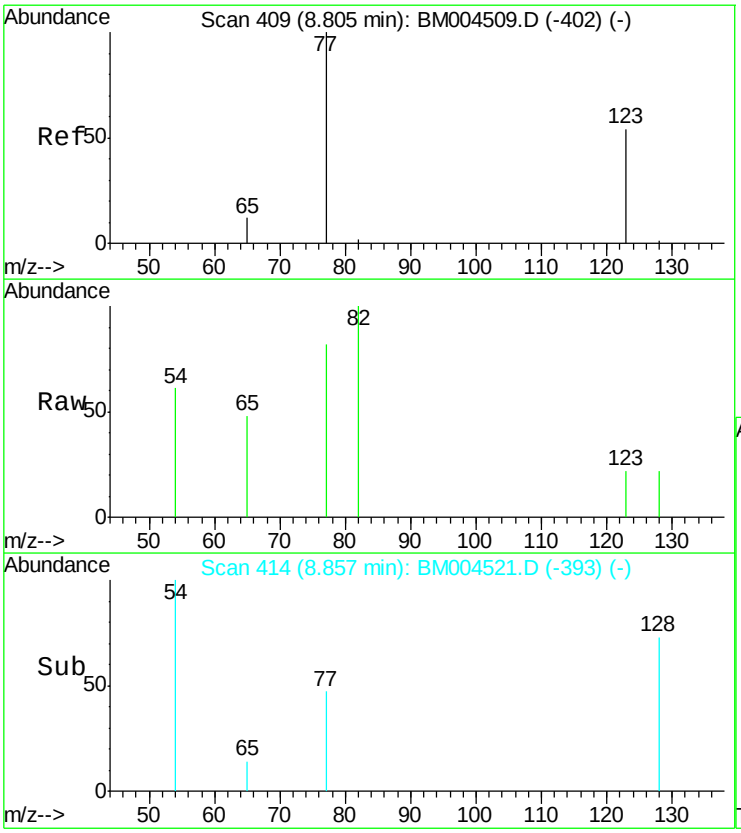
#8
Nitrobenzene-d5
Concen: 4.49 ng
RT: 8.76 min Scan# 405
Delta R.T. -0.03 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 18892

Ion	Ratio	Lower	Upper
82	100		
128	89.4	41.9	62.9#
54	51.8	34.2	51.2#

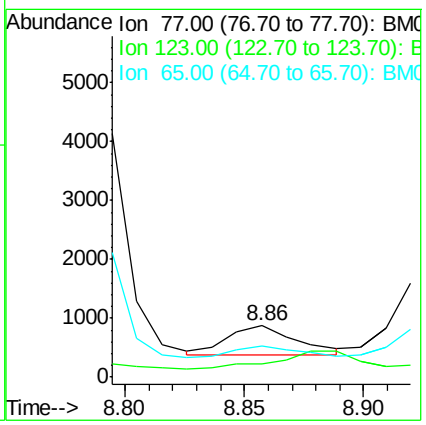


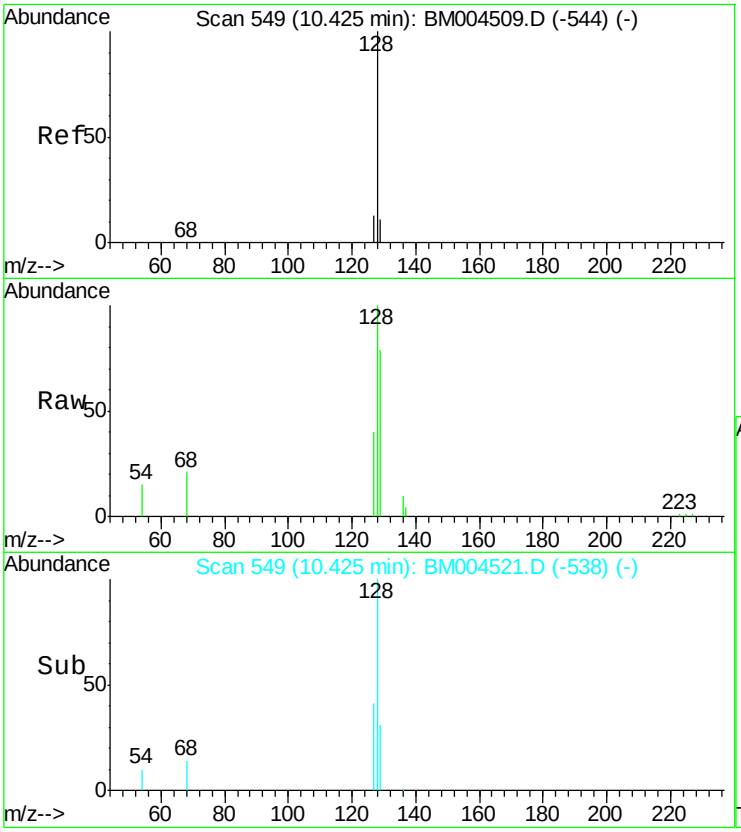


#9
Nitrobenzene
Concen: 0.38 ng
RT: 8.86 min Scan# 414
Delta R.T. 0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion: 77 Resp: 1005

Ion	Ratio	Lower	Upper
77	100		
123	0.0	42.5	63.7#
65	0.0	10.0	15.0#



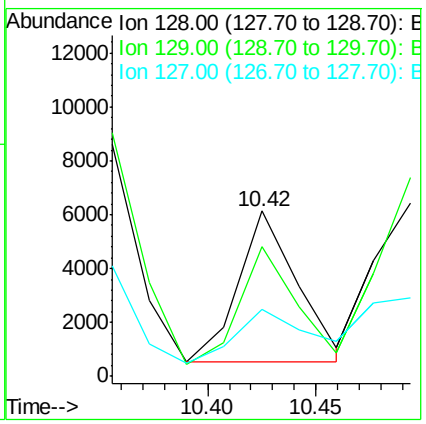


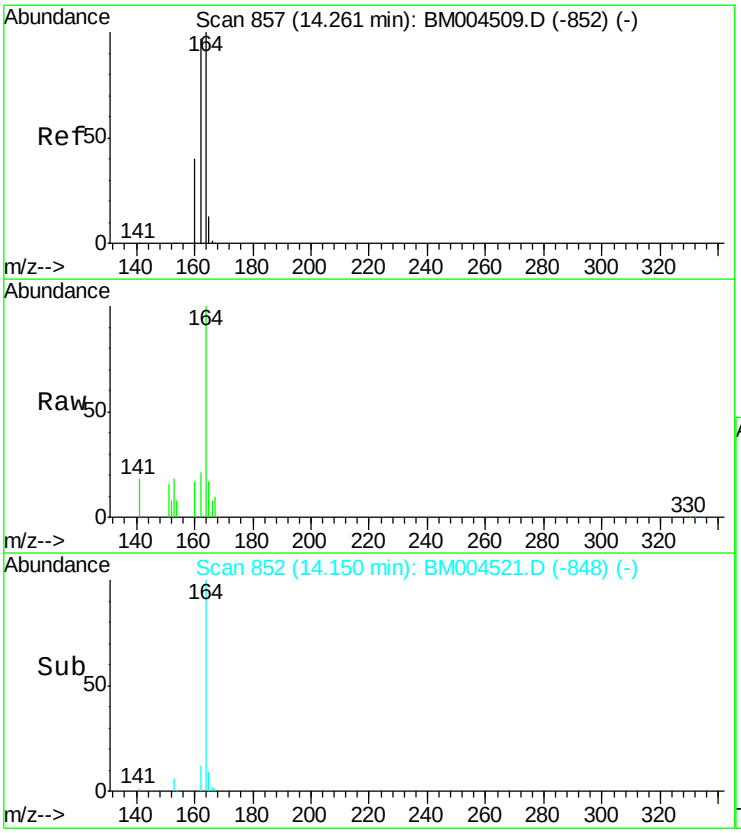
#10
Naphthalene
Concen: 0.57 ng
RT: 10.42 min Scan# 549
Delta R.T. -0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 10626

Ion	Ratio	Lower	Upper
128	100		
129	78.6	9.8	14.6#
127	40.5	9.9	14.9#

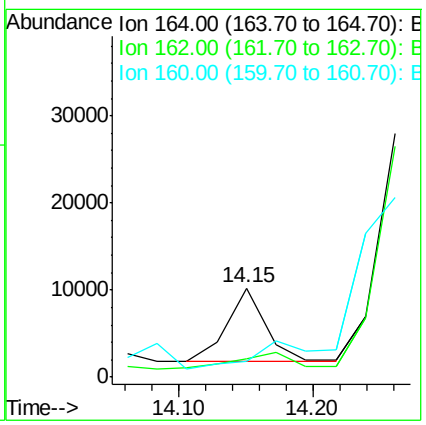


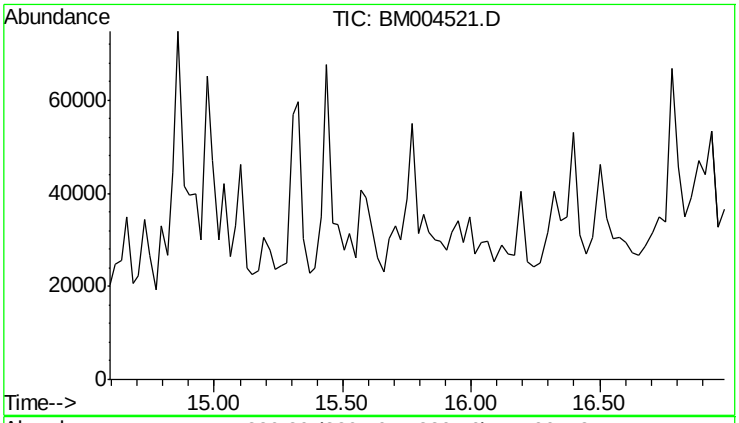


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 852
Delta R.T. -0.11 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:164 Resp: 17397

Ion	Ratio	Lower	Upper
164	100		
162	20.8	81.6	122.4#
160	17.1	34.9	52.3#





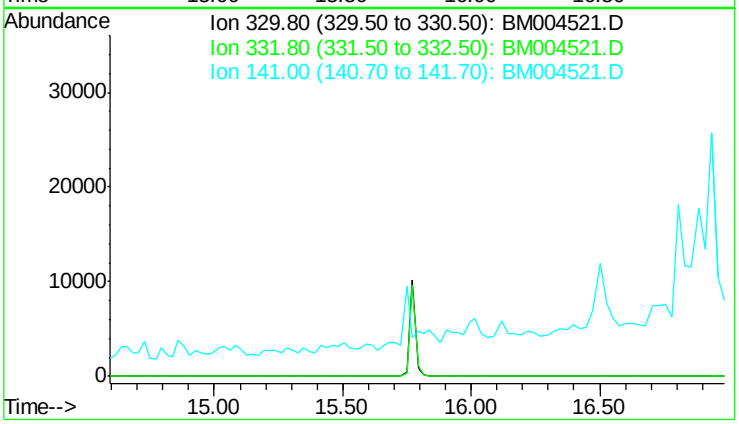
#14
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.79 min

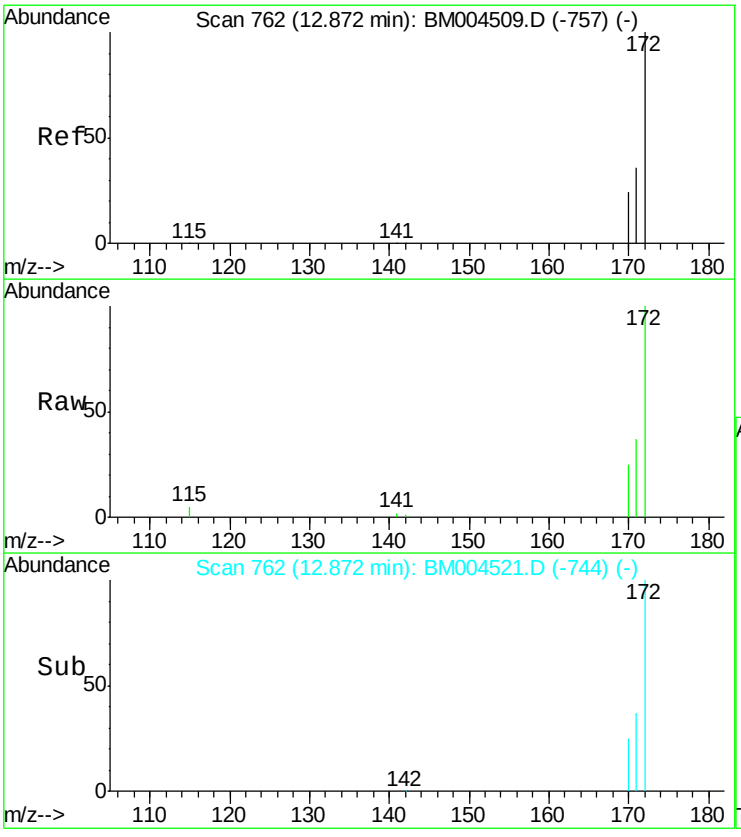
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.7
141	0.0

Instrument :
BNA_M
ClientSampleId :
MW-2

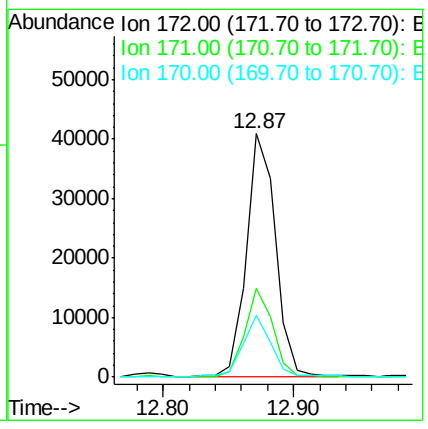


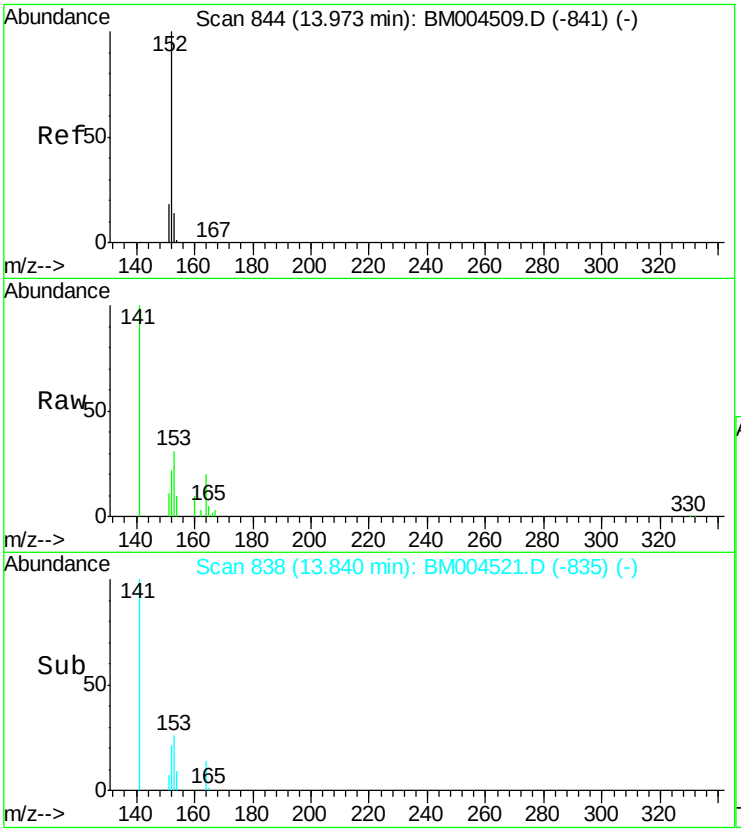


#15
2-Fluorobiphenyl
Concen: 11.63 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:172 Resp: 63140

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	25.2	20.2	30.2



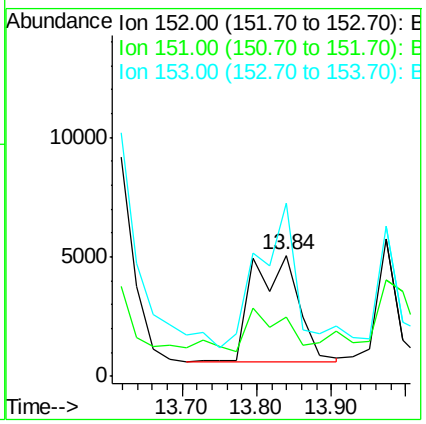


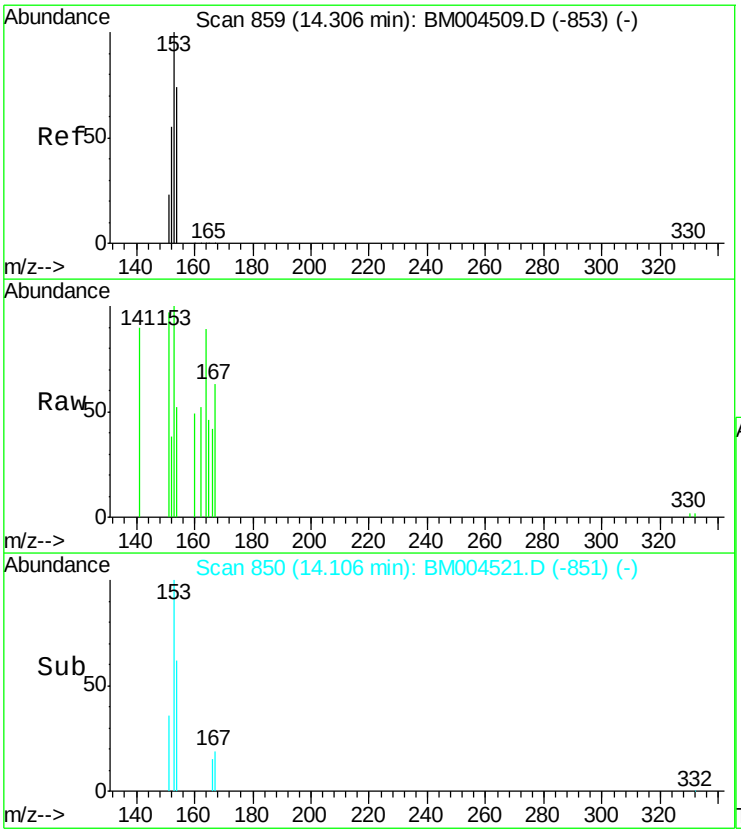
#16
Acenaphthylene
Concen: 2.20 ng
RT: 13.84 min Scan# 838
Delta R.T. -0.13 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 18759

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.8	23.6#
153	118.2	10.2	15.4#

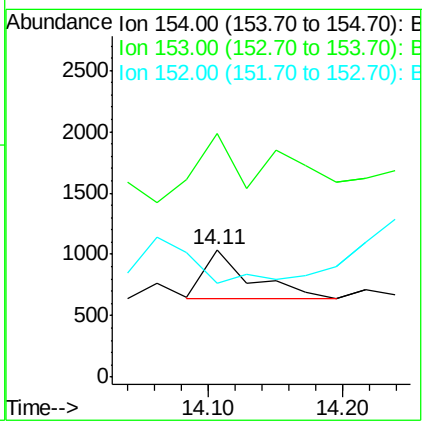


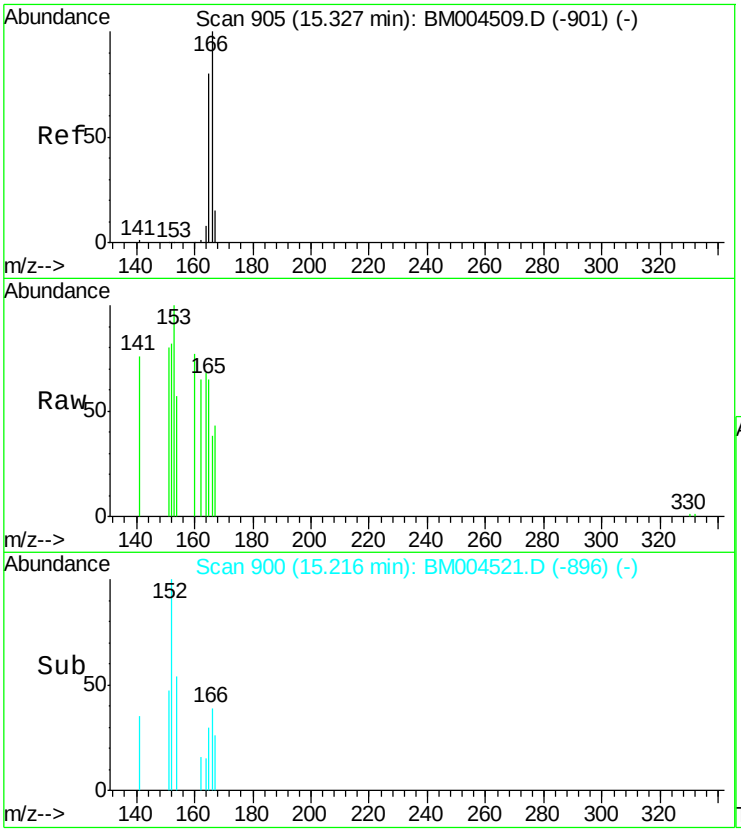


#17
Acenaphthene
Concen: 0.17 ng
RT: 14.11 min Scan# 850
Delta R.T. -0.22 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:154 Resp: 953

Ion	Ratio	Lower	Upper
154	100		
153	122.6	88.7	133.1
152	0.0	41.8	62.8#



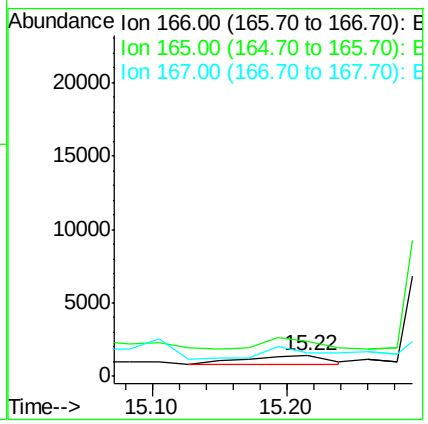


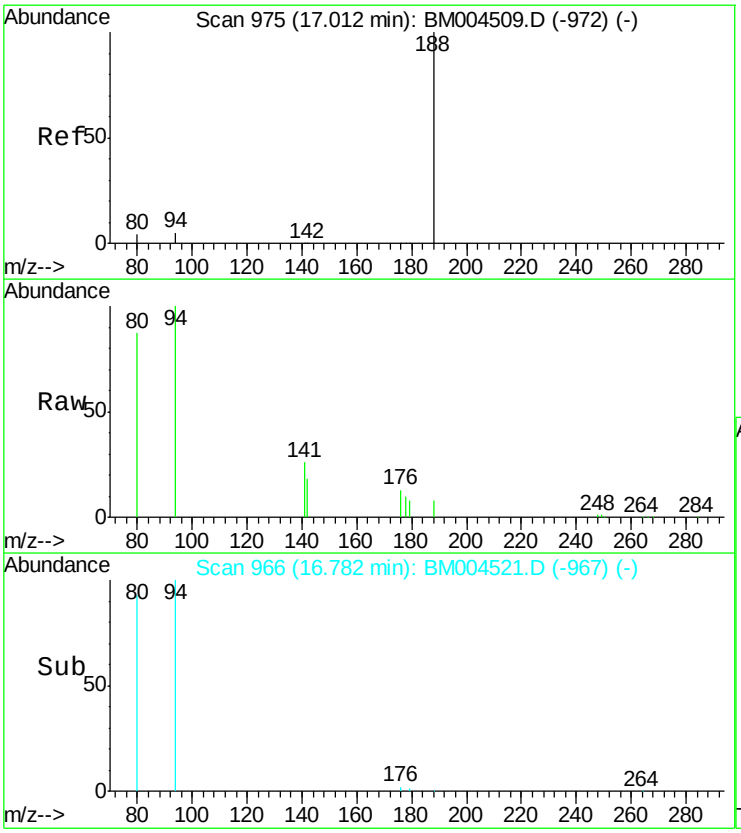
#18
Fluorene
Concen: 0.42 ng
RT: 15.22 min Scan# 900
Delta R.T. -0.11 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:166 Resp: 2578

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.6#
167	0.0	10.8	16.2#

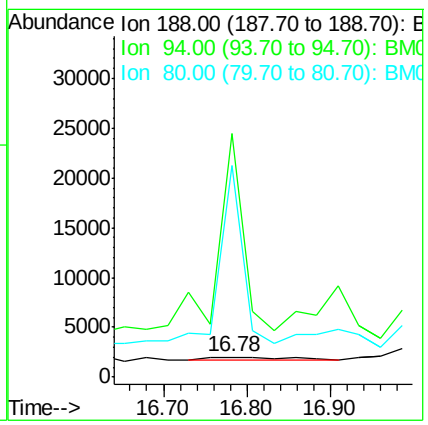


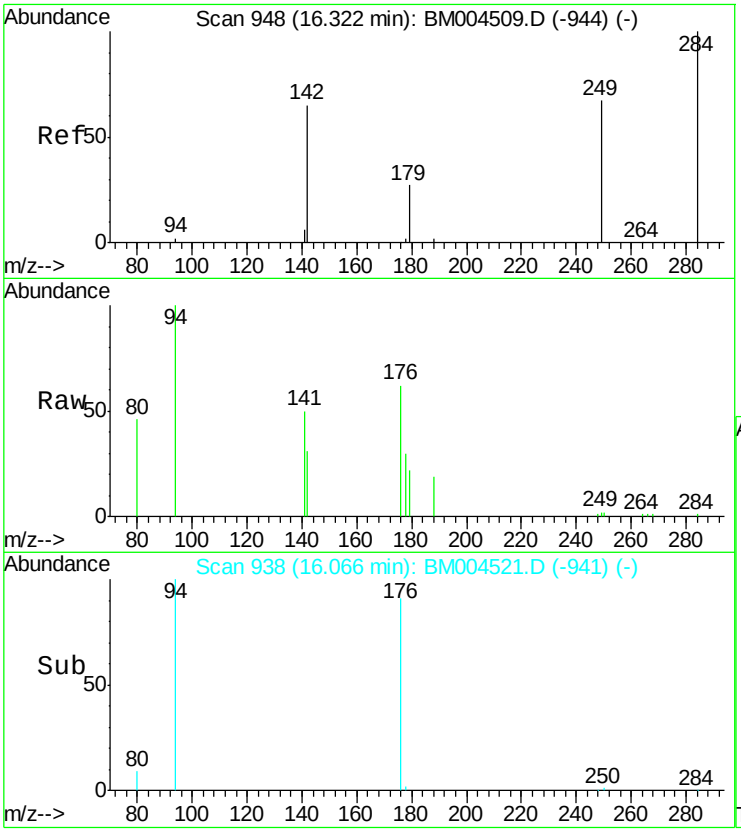


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.23 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:188 Resp: 2056

Ion	Ratio	Lower	Upper
188	100		
94	1225.3	6.3	9.5#
80	1066.9	5.9	8.9#



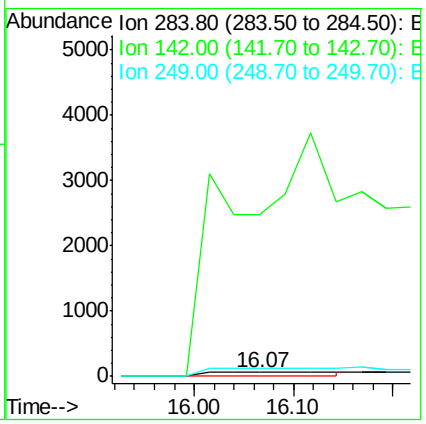


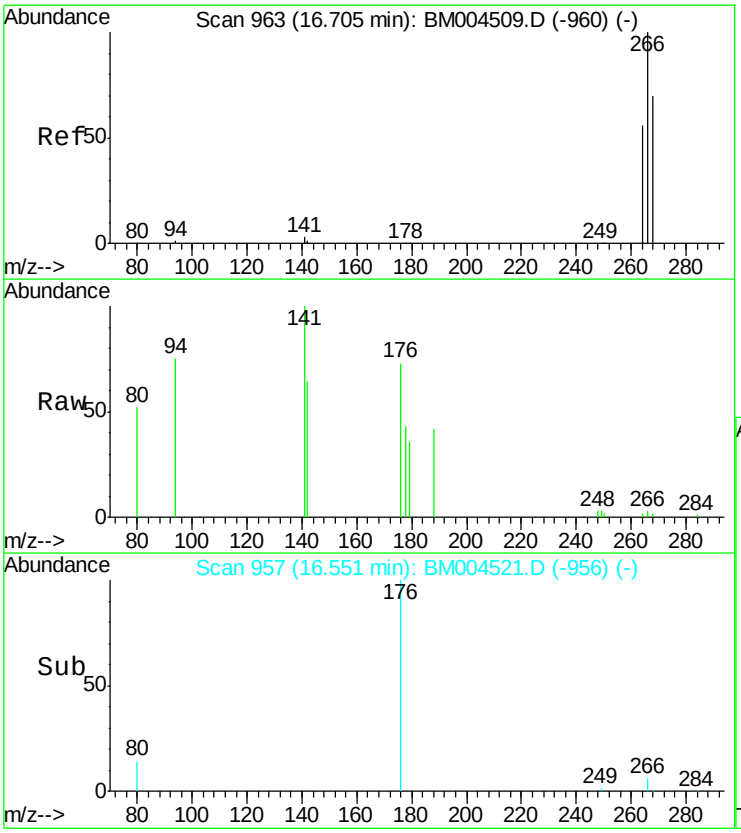
#21
Hexachlorobenzene
Concen: 7.16 ng
RT: 16.07 min Scan# 938
Delta R.T. -0.28 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:284 Resp: 525

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

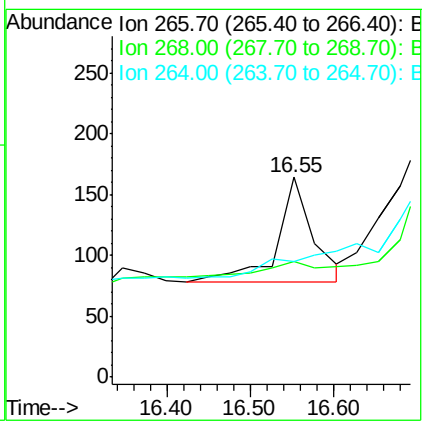


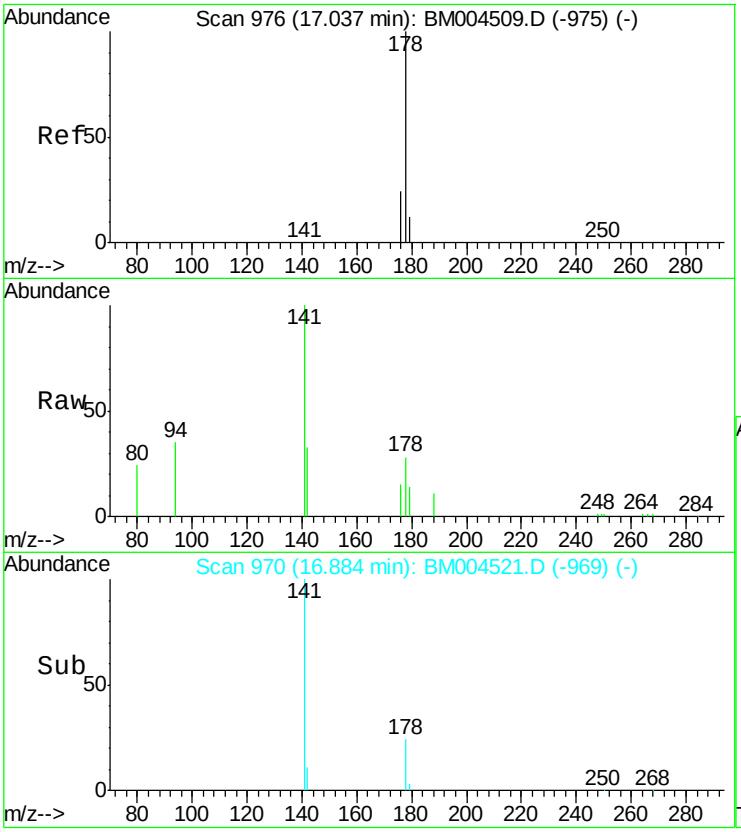


#22
Pentachlorophenol
Concen: 11.52 ng
RT: 16.55 min Scan# 957
Delta R.T. -0.18 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:266 Resp: 262

Ion	Ratio	Lower	Upper
266	100		
268	57.9	63.0	94.6#
264	57.9	59.6	89.4#



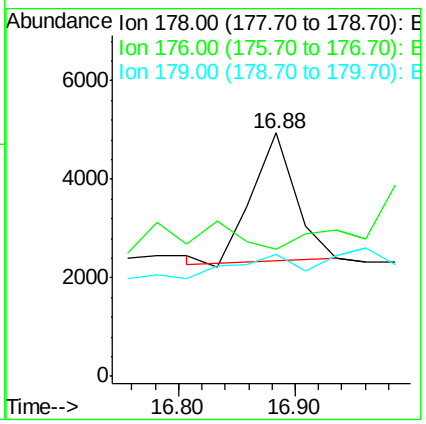


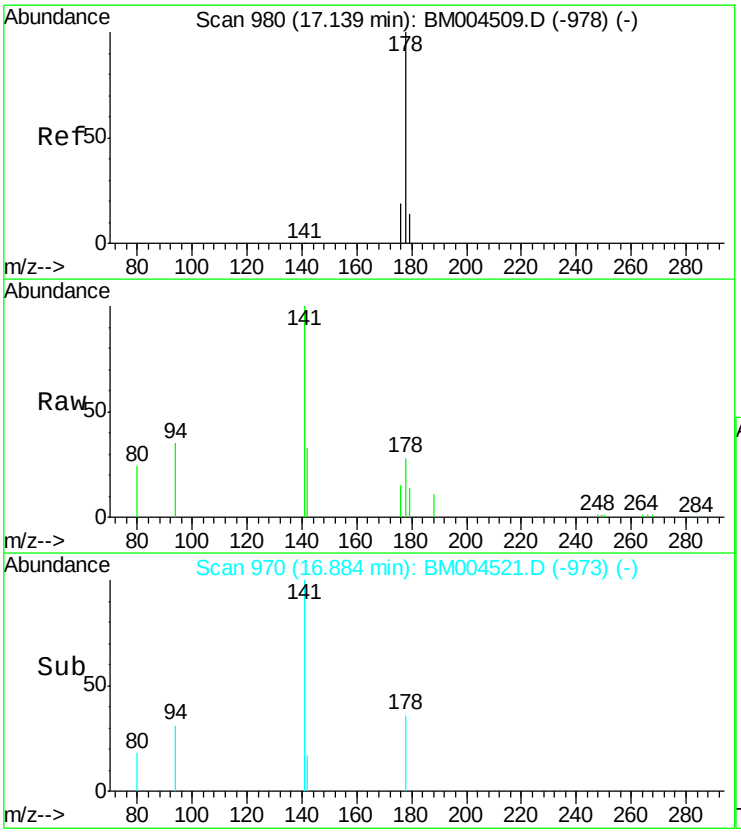
#23
Phenanthrene
Concen: 17.12 ng
RT: 16.88 min Scan# 970
Delta R.T. -0.18 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:178 Resp: 6784

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	28.4	12.8	19.2#

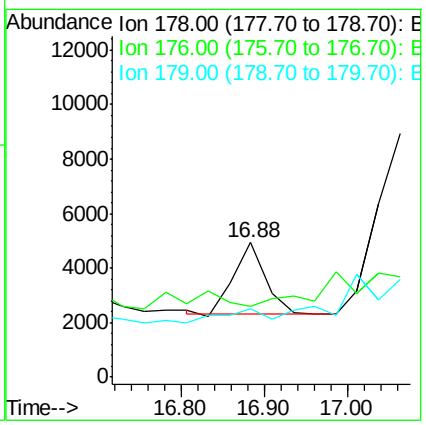


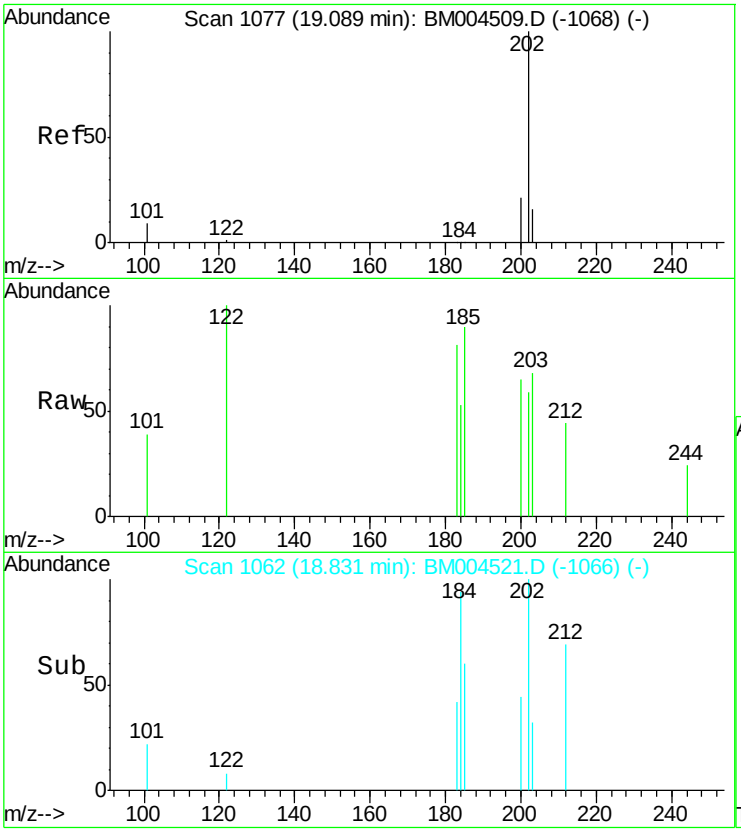


#24
Anthracene
Concen: 13.36 ng
RT: 16.88 min Scan# 970
Delta R.T. -0.28 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:178 Resp: 6815

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.7	22.1#
179	28.3	12.2	18.4#



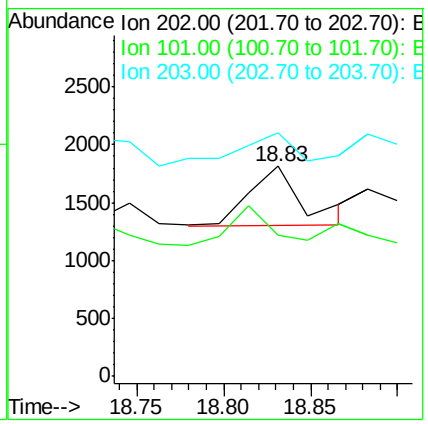


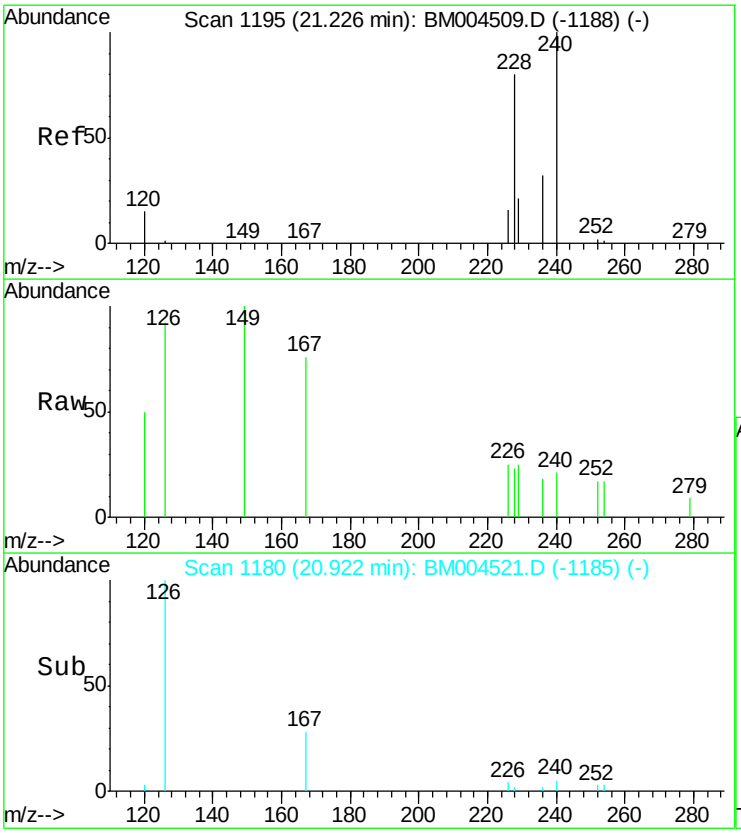
#25
Fluoranthene
Concen: 2.07 ng
RT: 18.83 min Scan# 1062
Delta R.T. -0.27 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:202 Resp: 1105

Ion	Ratio	Lower	Upper
202	100		
101	53.5	9.8	14.8#
203	34.8	13.8	20.8#

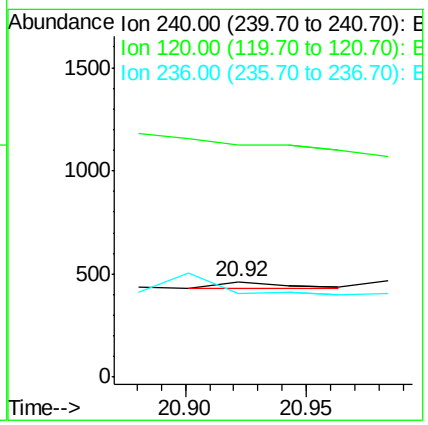


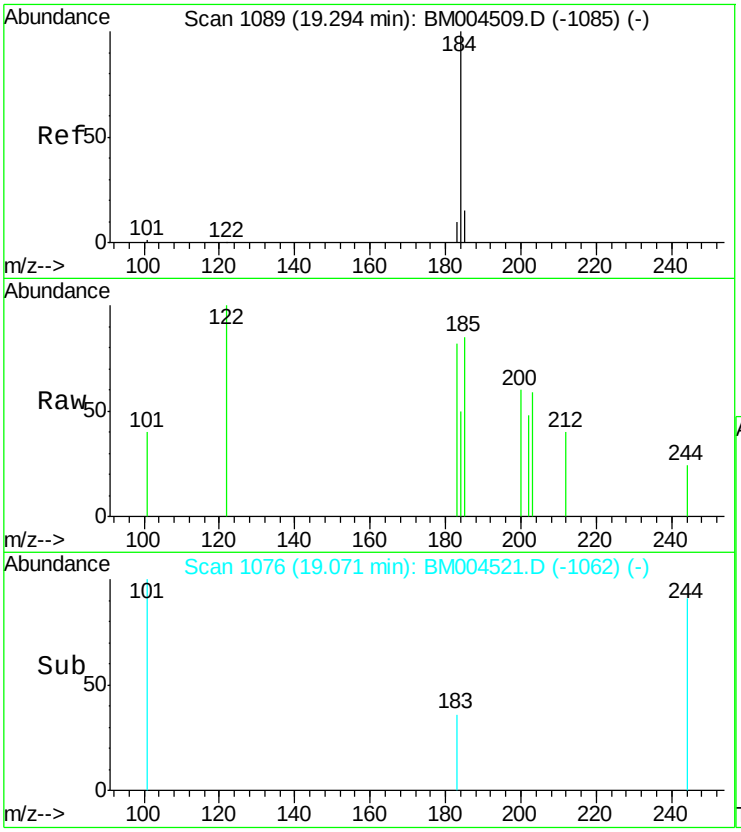


#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.92 min Scan# 1180
Delta R.T. -0.30 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:240 Resp: 63

Ion	Ratio	Lower	Upper
240	100		
120	242.3	18.9	28.3#
236	87.5	26.4	39.6#



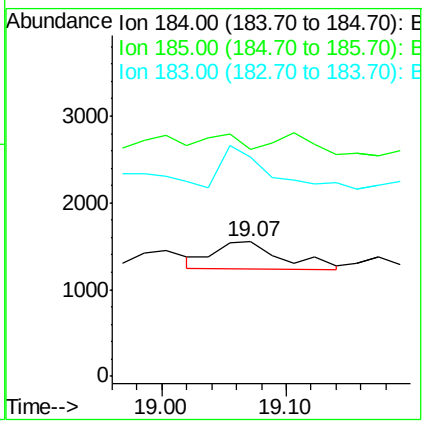


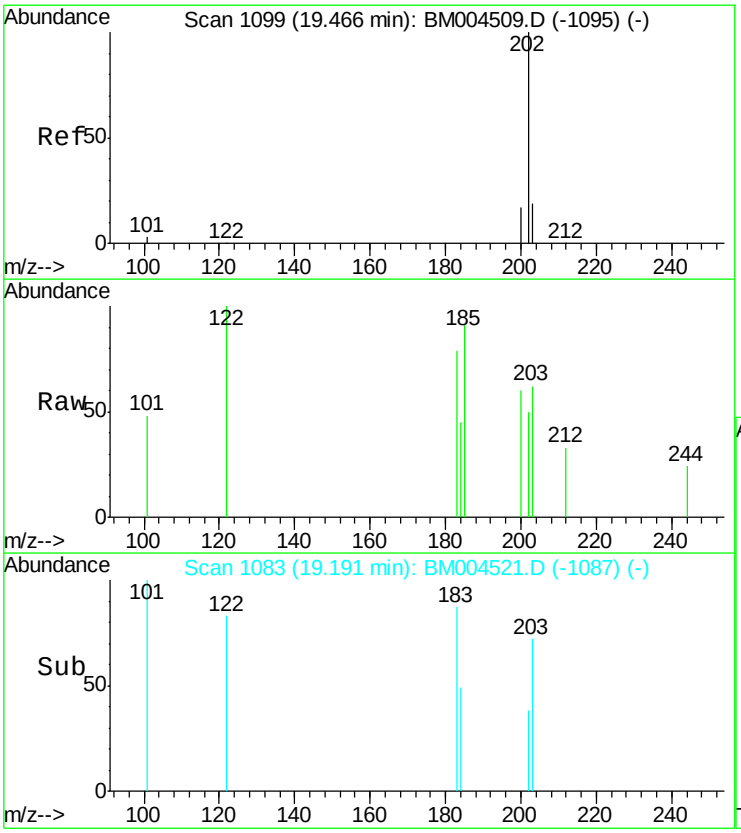
#27
Benzidine
Concen: 139.32 ng
RT: 19.07 min Scan# 1076
Delta R.T. -0.26 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:184 Resp: 1206

Ion	Ratio	Lower	Upper
184	100		
185	168.9	15.0	22.4#
183	162.9	12.6	19.0#

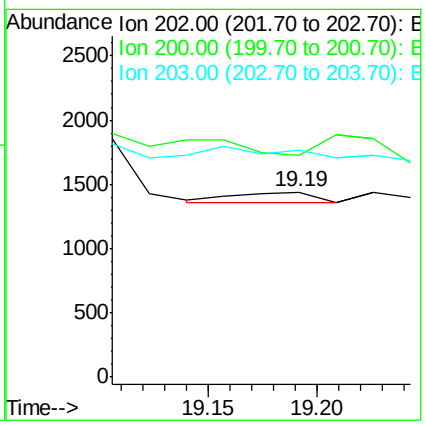


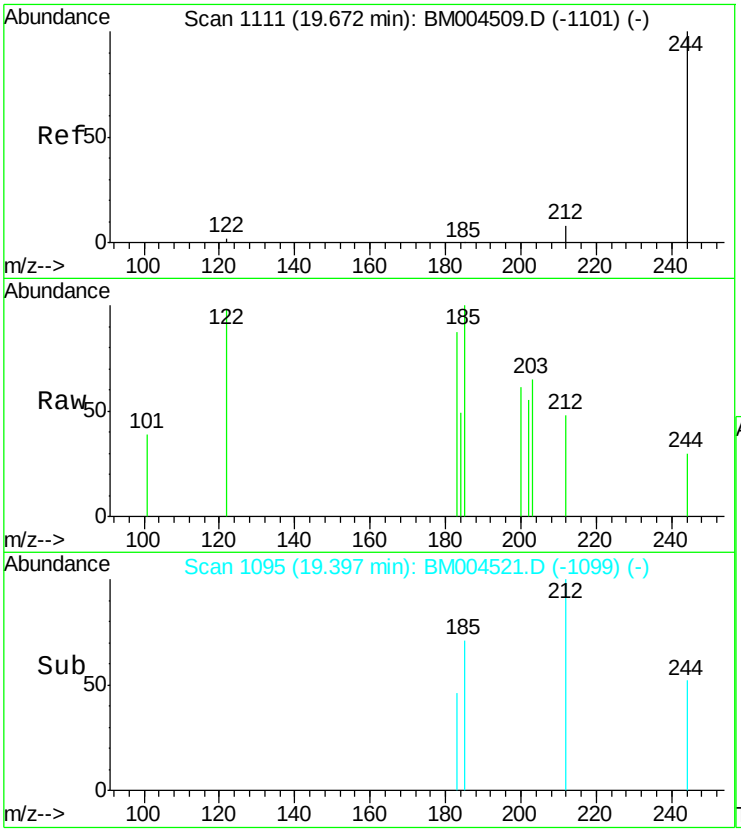


#28
Pyrene
Concen: 10.00 ng
RT: 19.19 min Scan# 1083
Delta R.T. -0.27 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:202 Resp: 212

Ion	Ratio	Lower	Upper
202	100		
200	332.1	16.6	25.0#
203	0.0	13.7	20.5#



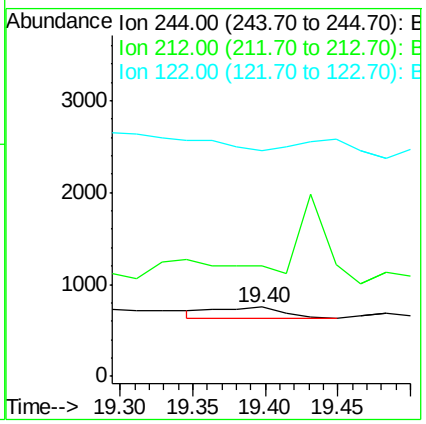


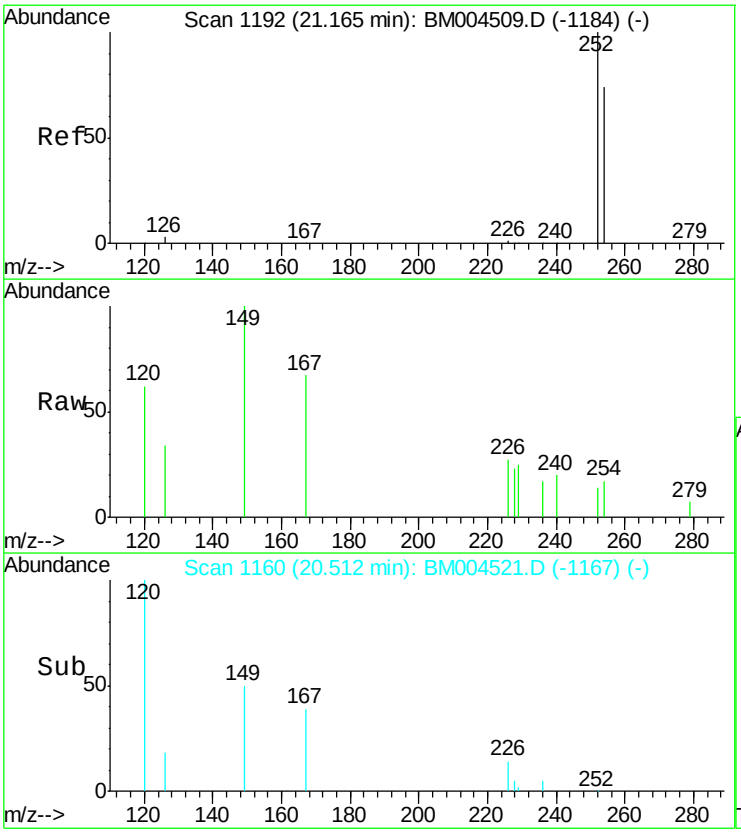
#29
Terphenyl-d14
Concen: 43.06 ng
RT: 19.40 min Scan# 1095
Delta R.T. -0.27 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 394

Ion	Ratio	Lower	Upper
244	100		
212	158.8	7.8	11.6#
122	325.7	7.0	10.4#

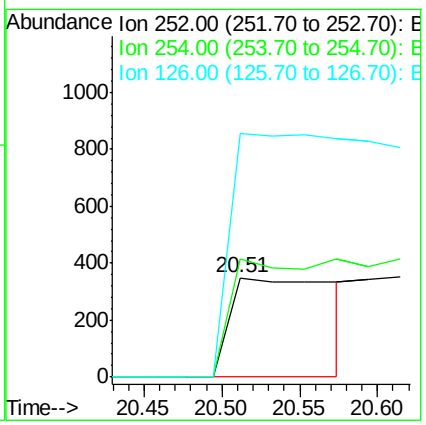


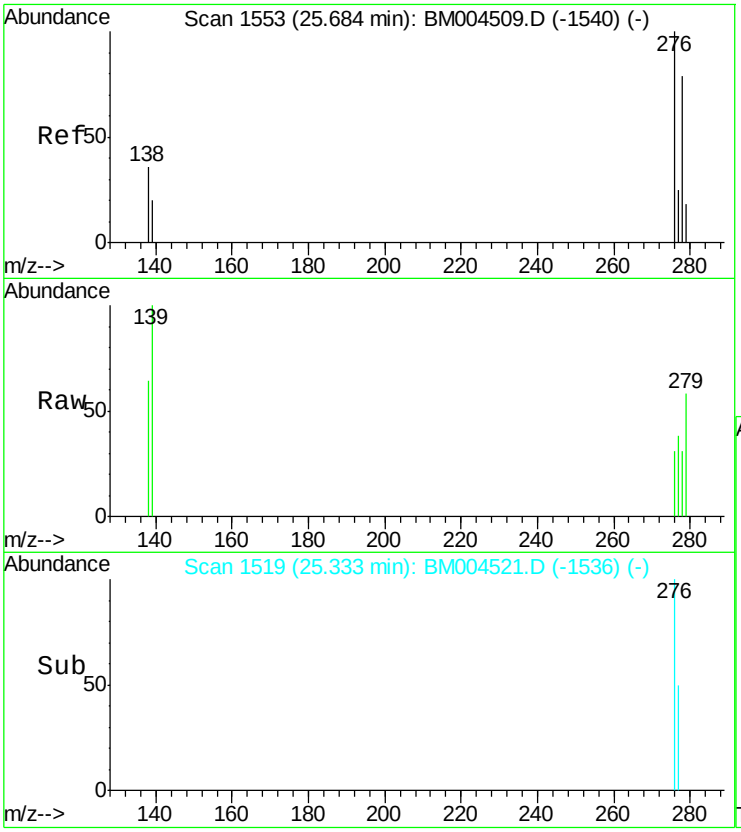


#31
3,3'-Dichlorobenzidine
Concen: 258.22 ng
RT: 20.51 min Scan# 1160
Delta R.T. -0.65 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:252 Resp: 1556

Ion	Ratio	Lower	Upper
252	100		
254	119.2	47.4	71.0#
126	245.3	11.0	16.6#



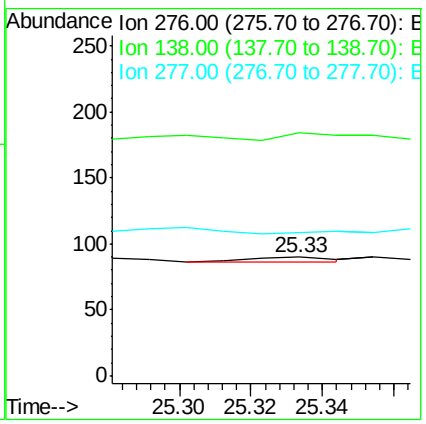


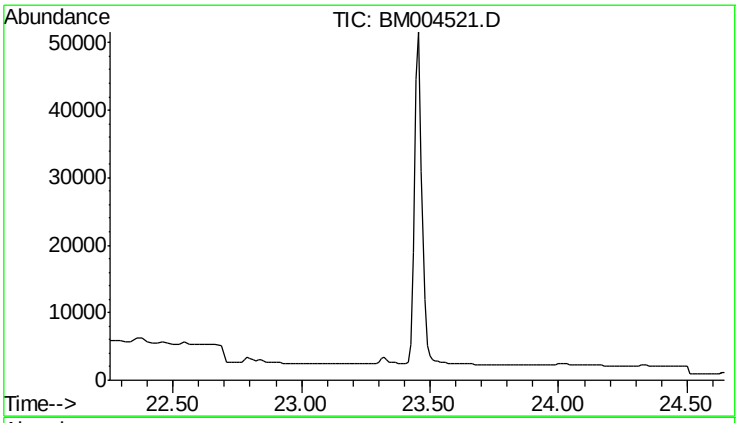
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 25.33 min Scan# 1519
Delta R.T. -0.37 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:276 Resp: 6

Ion	Ratio	Lower	Upper
276	100		
138	150.0	31.0	46.4#
277	0.0	19.9	29.9#





#35
Perylene-d12
Concen: 0.00 ng
Expected RT: 23.45 min

Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	26.5
265	21.7