Quantitation Report (QT 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 18:04:50 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	14.26	164	45325m	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	93974m	5.00	ng	0.00
26) Chrysene-d12	21.23	240	75937m	5.00	ng	0.00
35) Perylene-d12	23.46	264	65750m	5.00	ng	0.00
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	15.77	330	15612m	9.32	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	63140	4.47	ng	-0.01
29) Terphenyl-d14	19.67	244	49525m	4.38	ng	0.00
Target Compounds						Qvalue
10) Naphthalene	10.42	128	10626	0.57	ng	# 1
17) Acenaphthene	14.33	154	18234m	1.46	ng	
18) Fluorene	15.33	166	41531m	2.73	ng	
23) Phenanthrene	17.06	178	17640m	0.86	ng	
28) Pyrene	19.47	202	4274m	0.13	ng	

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

Quantitation Report (QT 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

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QLast Update : Wed Mar 02 14:46:57 2016
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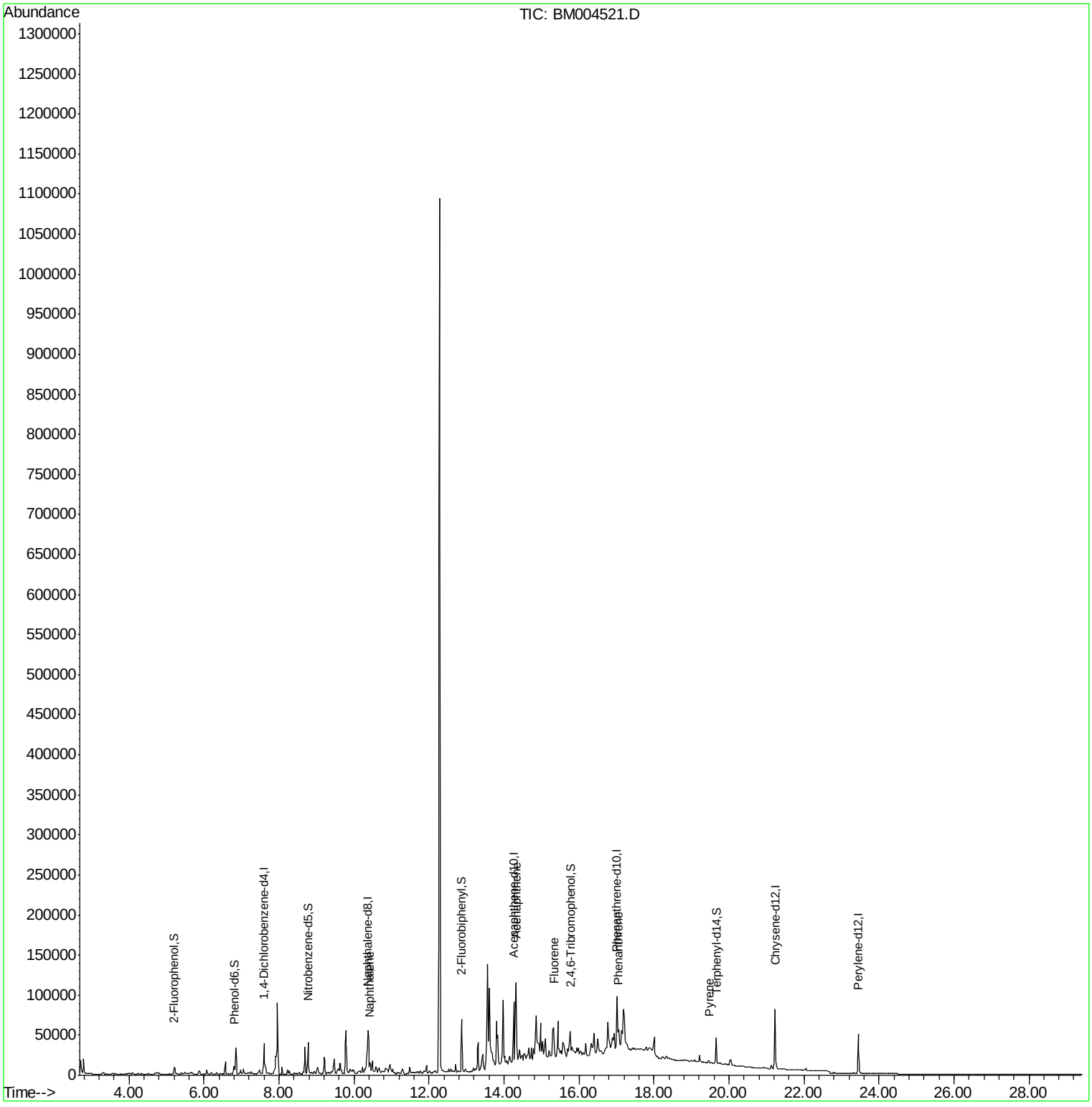
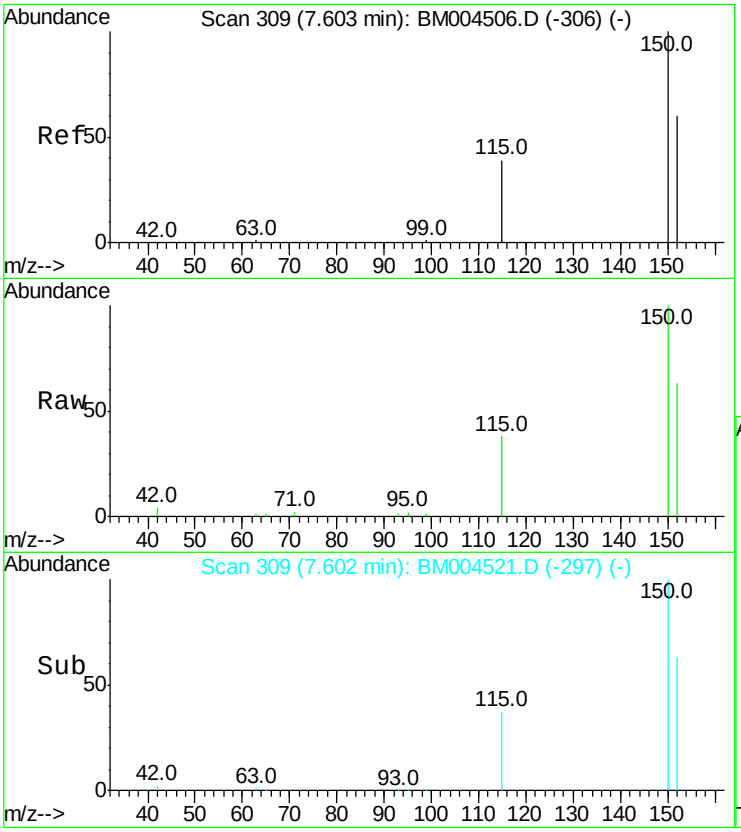


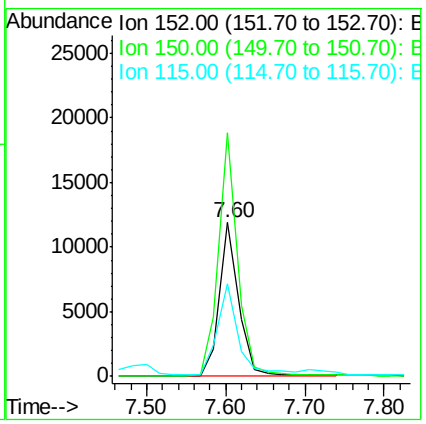


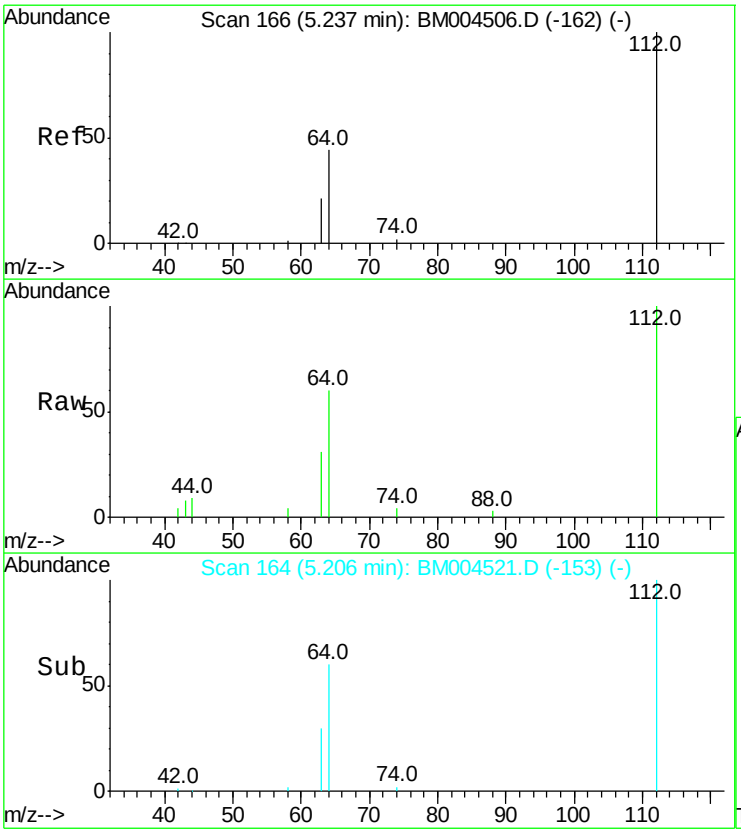
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

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

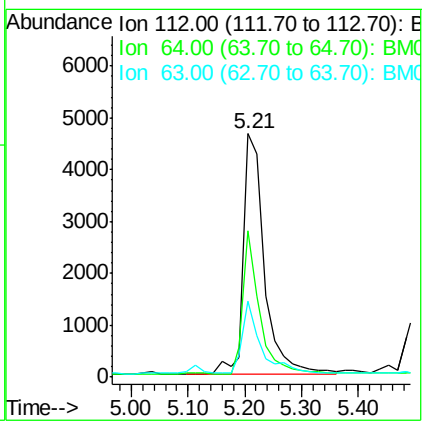


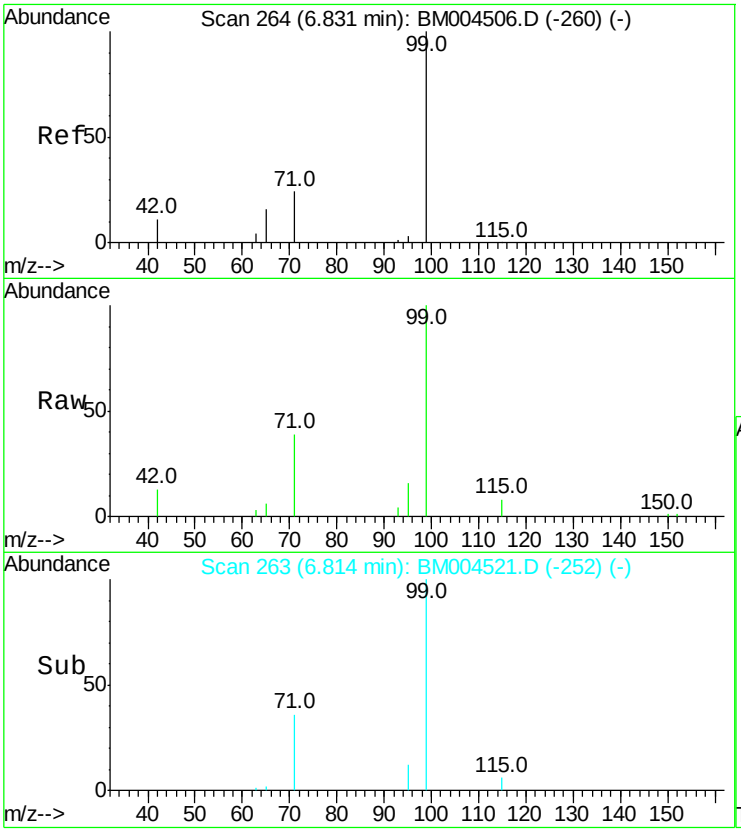


#4
2-Fluorophenol
Concen: 2.91 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.03 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

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



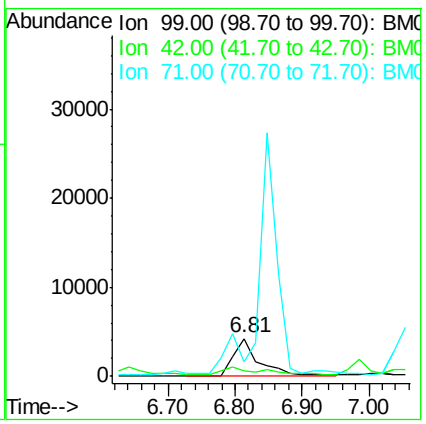


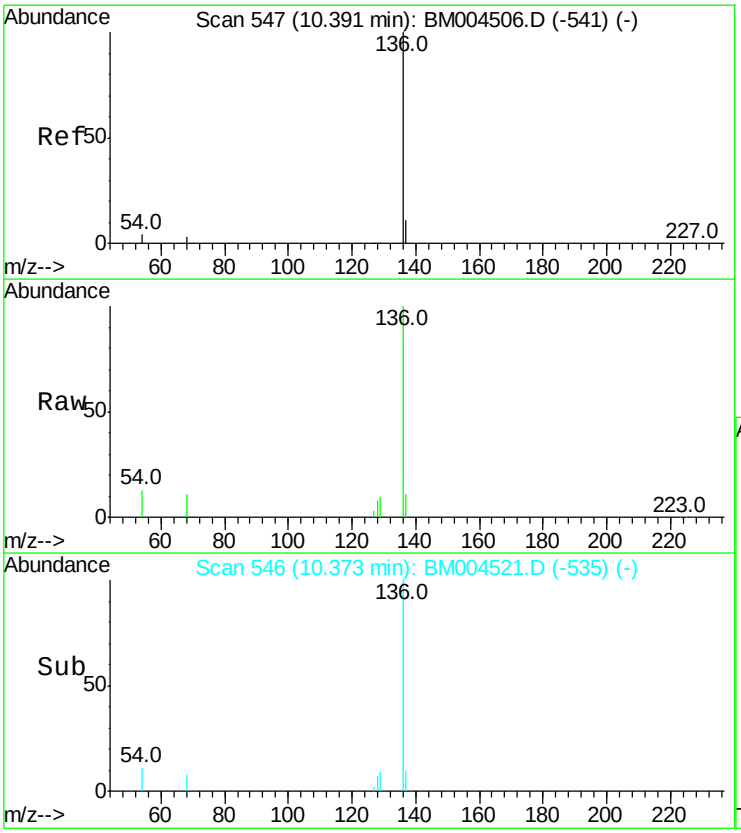
#5
Phenol-d6
Concen: 2.06 ng
RT: 6.81 min Scan# 263
Delta R.T. -0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

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#

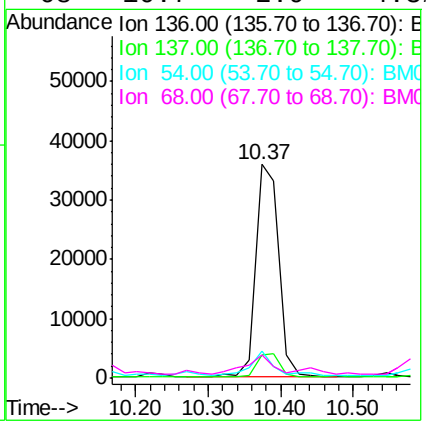


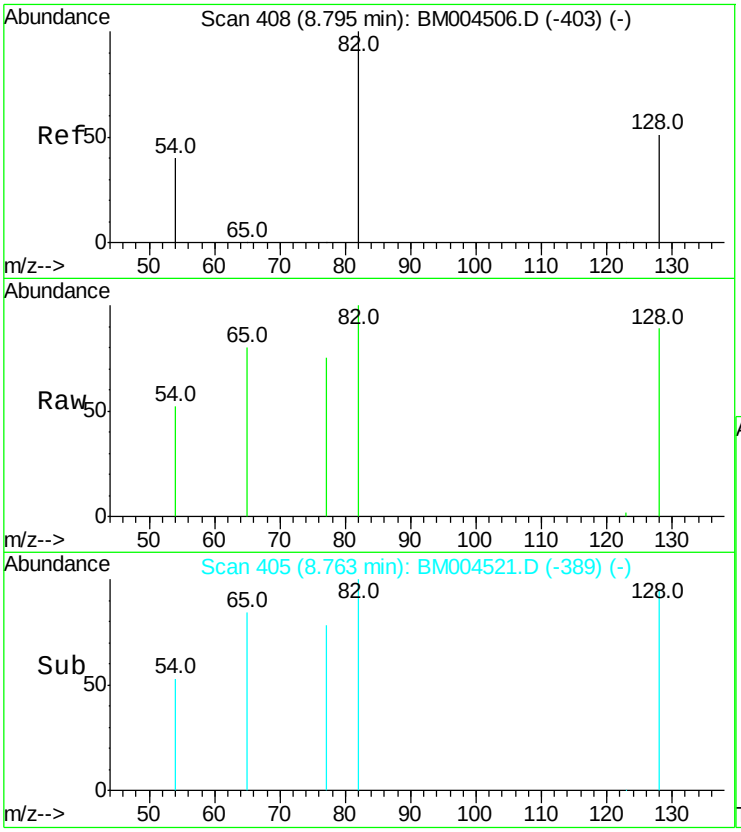


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 546
Delta R.T. -0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

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#



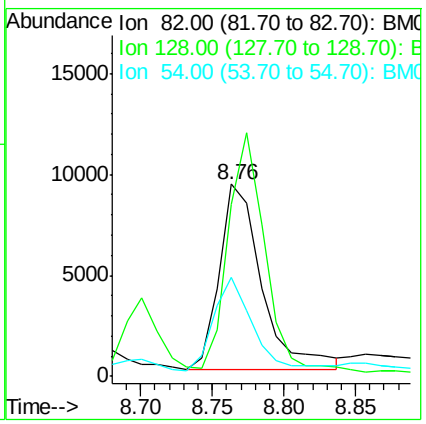


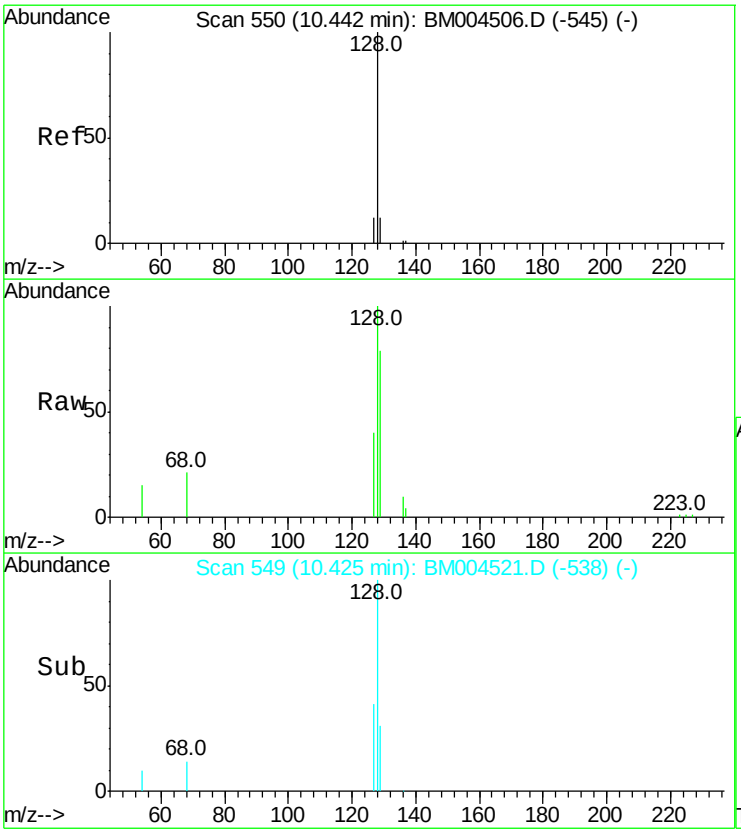
#8
Nitrobenzene-d5
Concen: 4.49 ng
RT: 8.76 min Scan# 405
Delta R.T. -0.03 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

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#

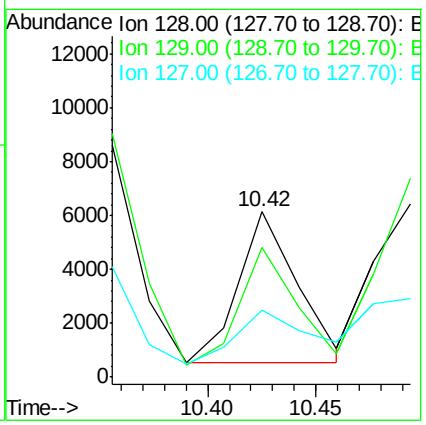


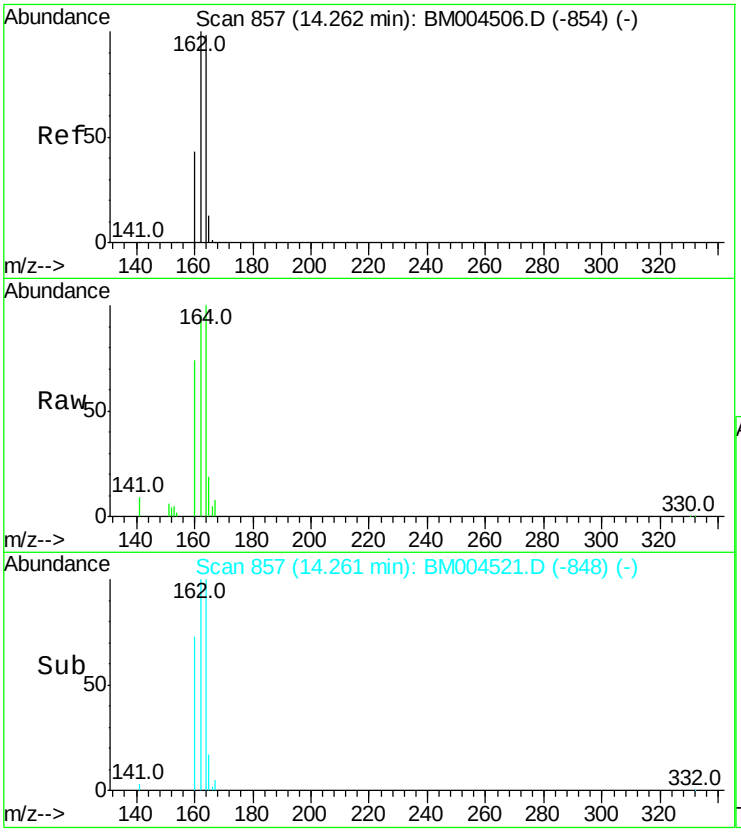


#10
Naphthalene
Concen: 0.57 ng
RT: 10.42 min Scan# 549
Delta R.T. -0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

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#



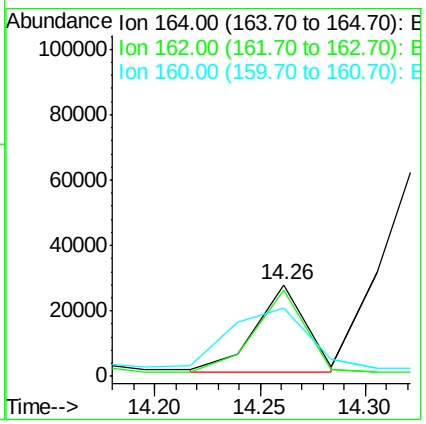


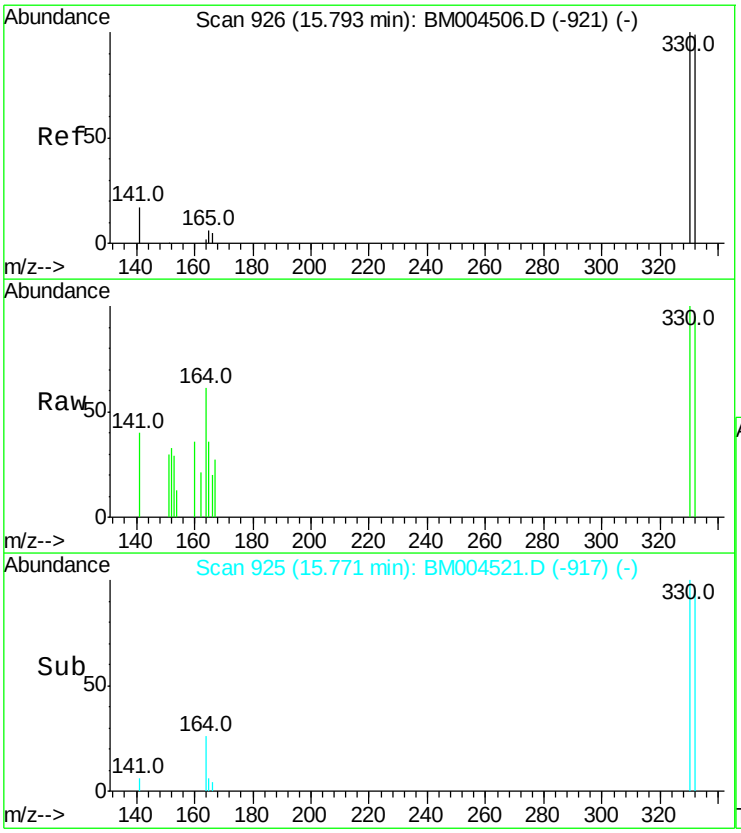
#13
Acenaphthene-d10
Concen: 5.00 ng m
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 45325

Ion	Ratio	Lower	Upper
164	100		
162	94.8	81.6	122.4
160	74.0	34.9	52.3#

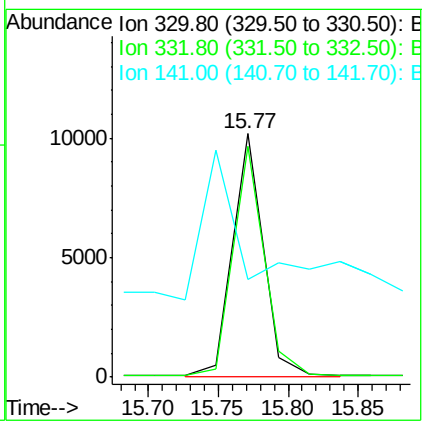


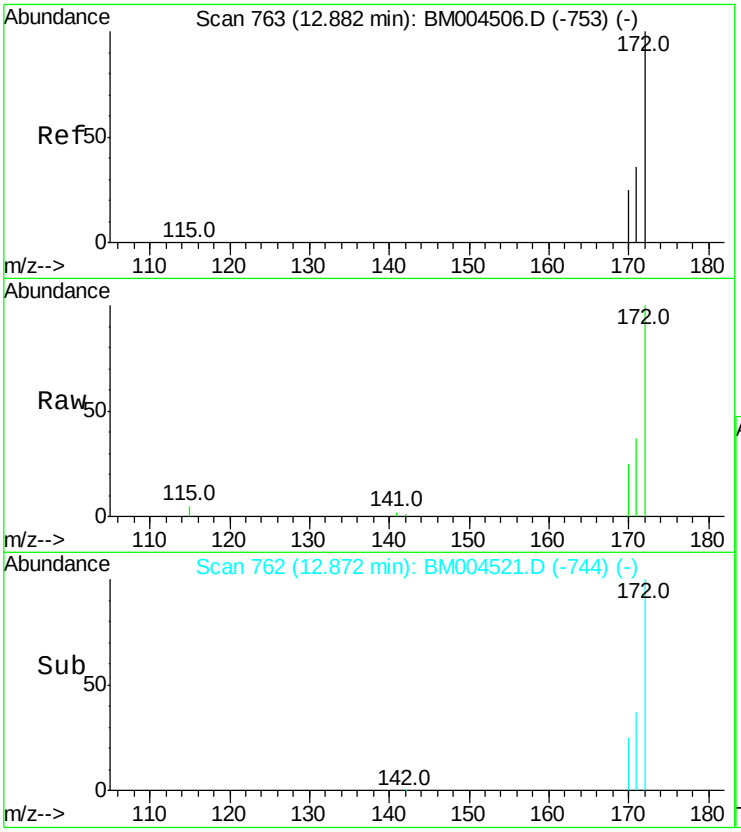


#14
2,4,6-Tribromophenol
Concen: 9.32 ng m
RT: 15.77 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:330 Resp: 15612

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.6	114.8#
141	0.0	0.0	0.0



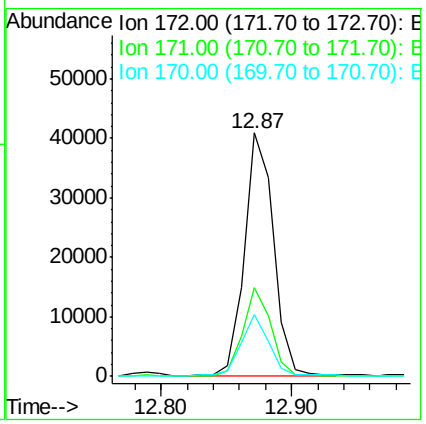


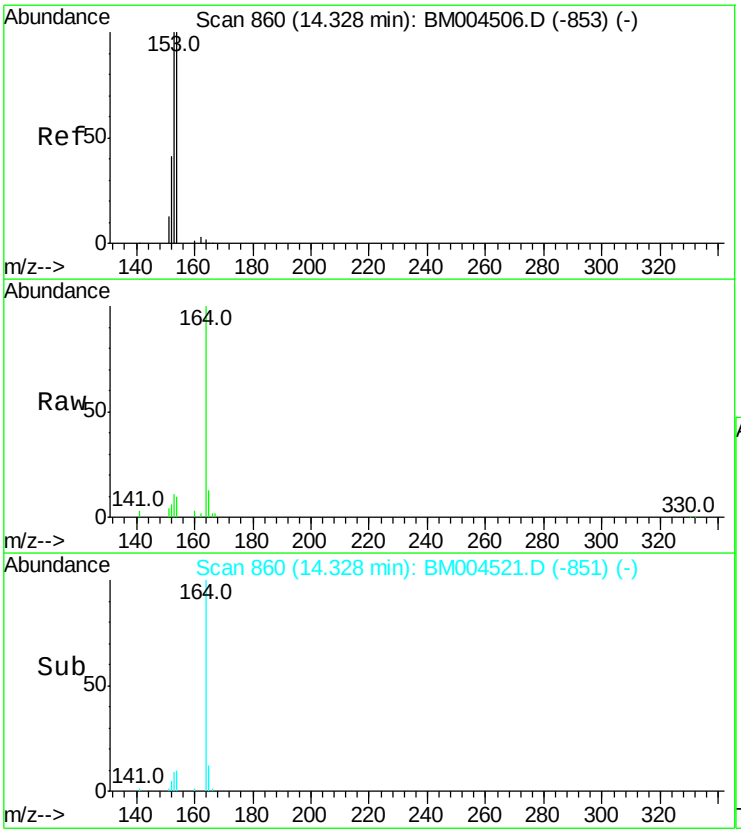
#15
2-Fluorobiphenyl
Concen: 4.47 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

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

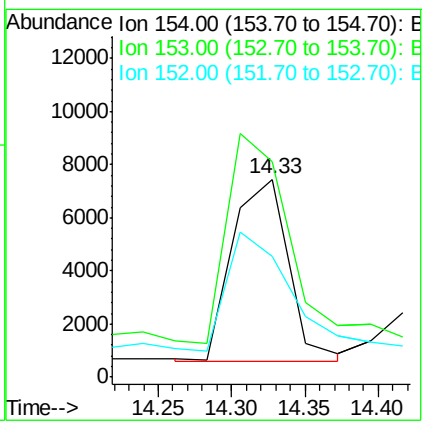


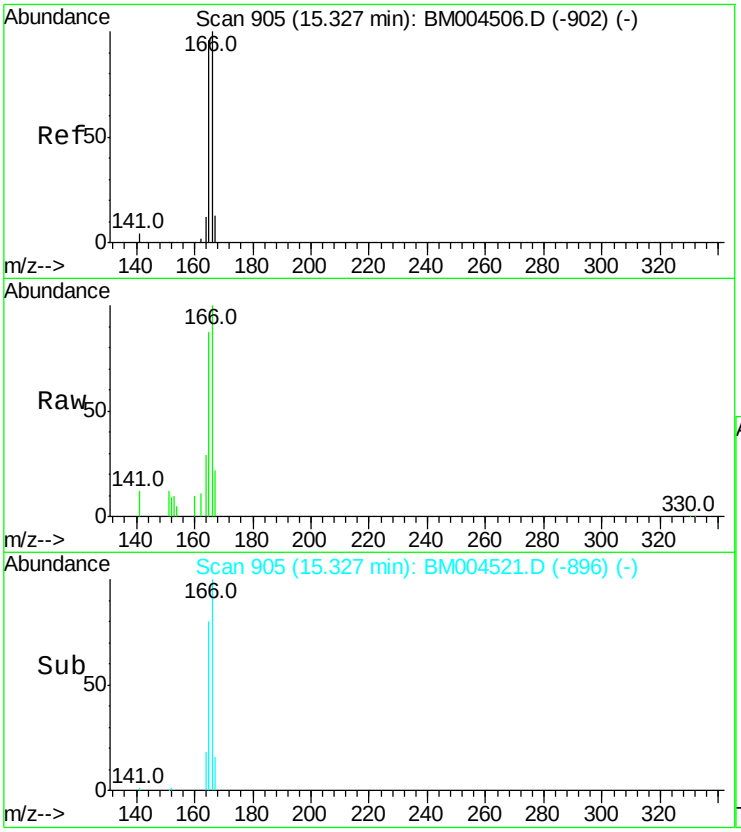


#17
Acenaphthene
Concen: 1.46 ng m
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:154 Resp: 18234

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



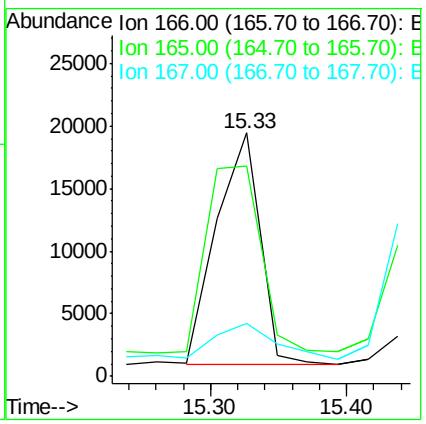


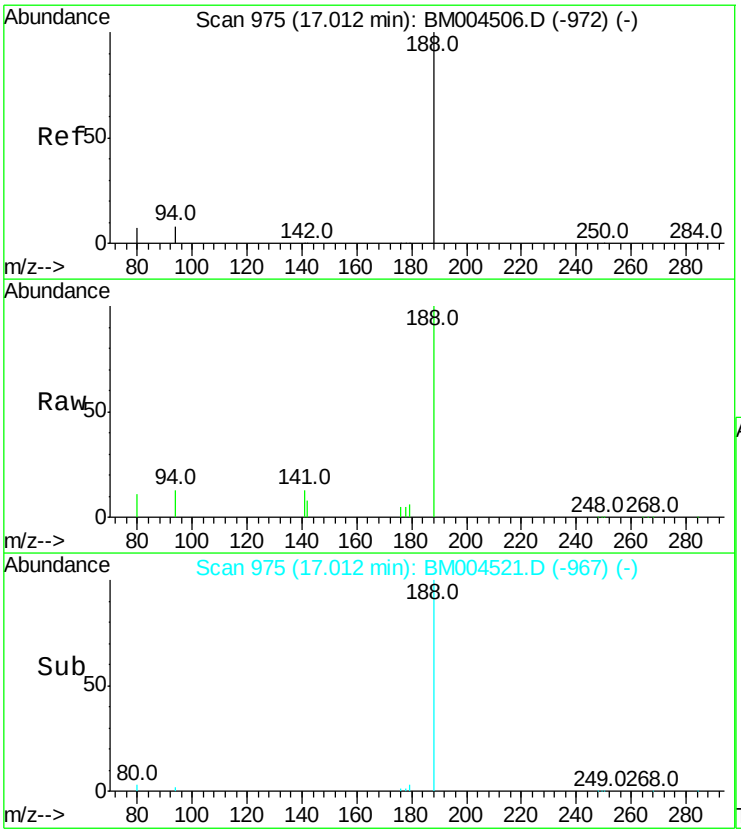
#18
Fluorene
Concen: 2.73 ng m
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:166 Resp: 41531

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

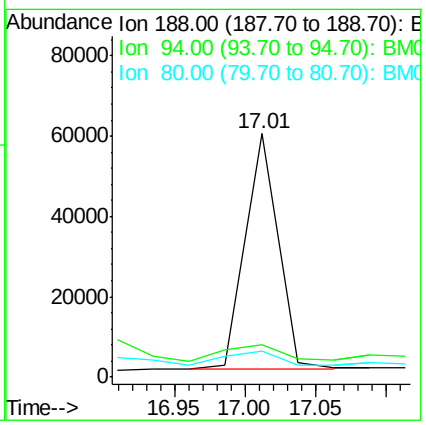


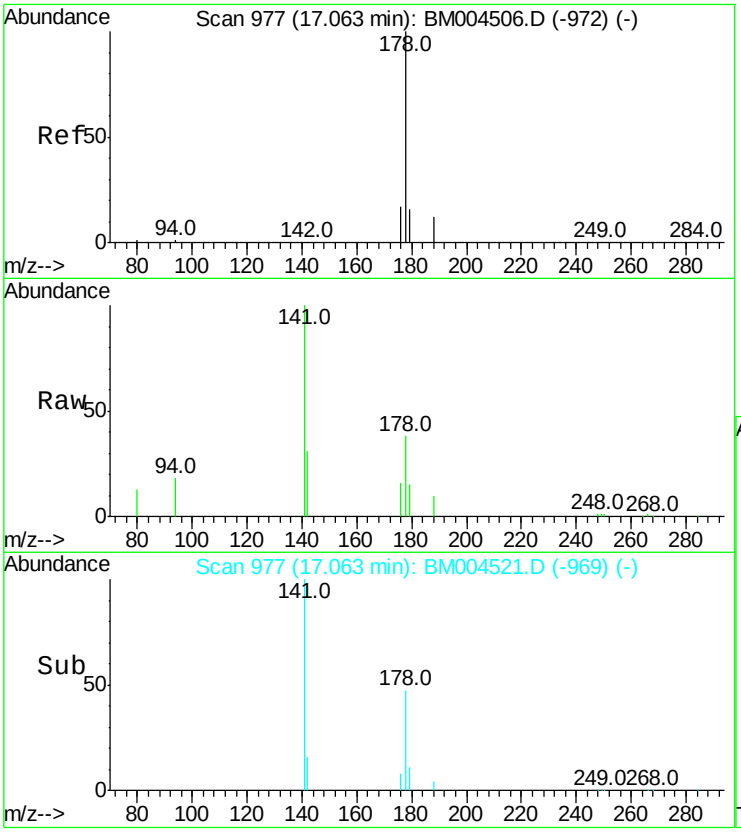


#19
Phenanthrene-d10
Concen: 5.00 ng m
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:188 Resp: 93974

Ion	Ratio	Lower	Upper
188	100		
94	13.2	6.3	9.5#
80	10.7	5.9	8.9#



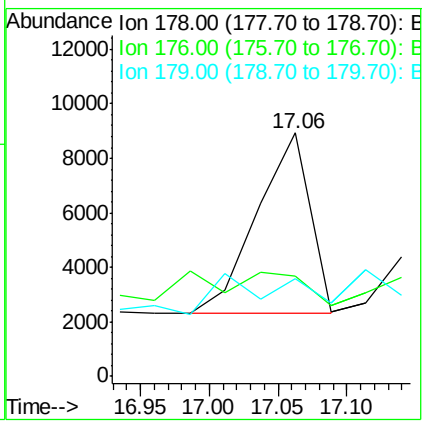


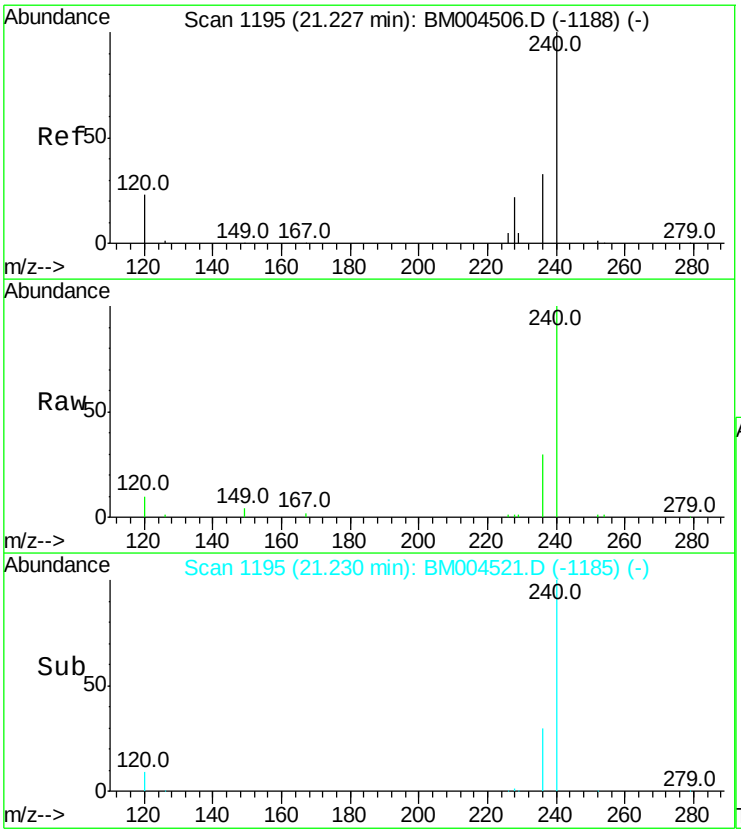
#23
Phenanthrene
Concen: 0.86 ng m
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:178 Resp: 17640

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	10.9	12.8	19.2#

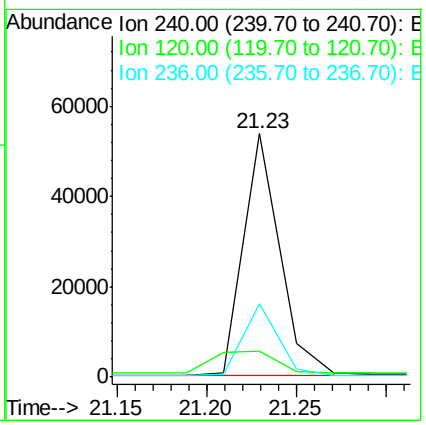


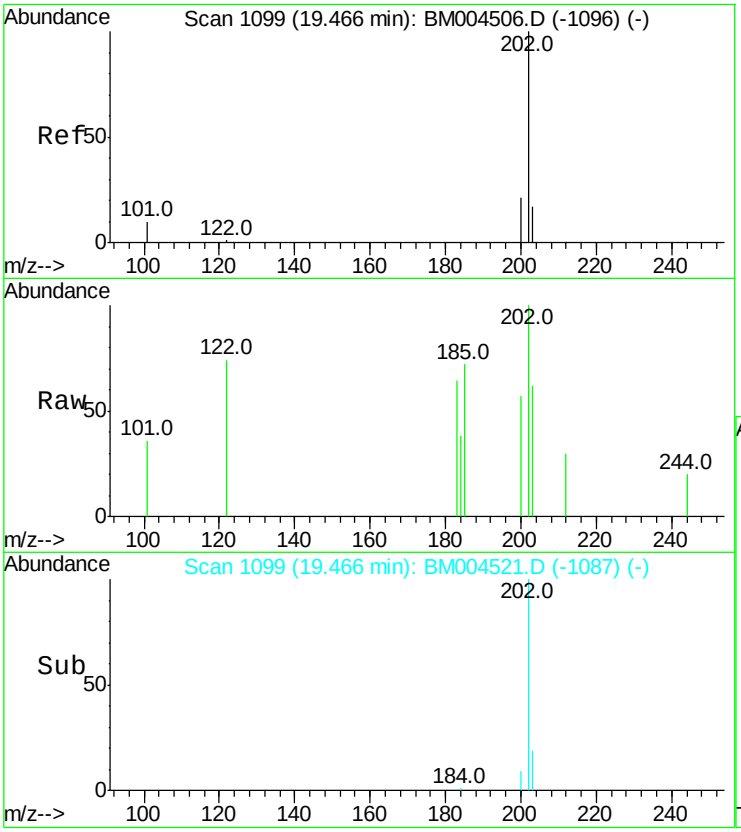


#26
Chrysene-d12
Concen: 5.00 ng m
RT: 21.23 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:240 Resp: 75937

Ion	Ratio	Lower	Upper
240	100		
120	10.4	18.9	28.3#
236	30.2	26.4	39.6



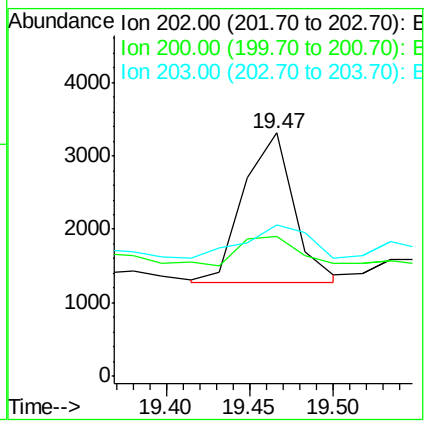


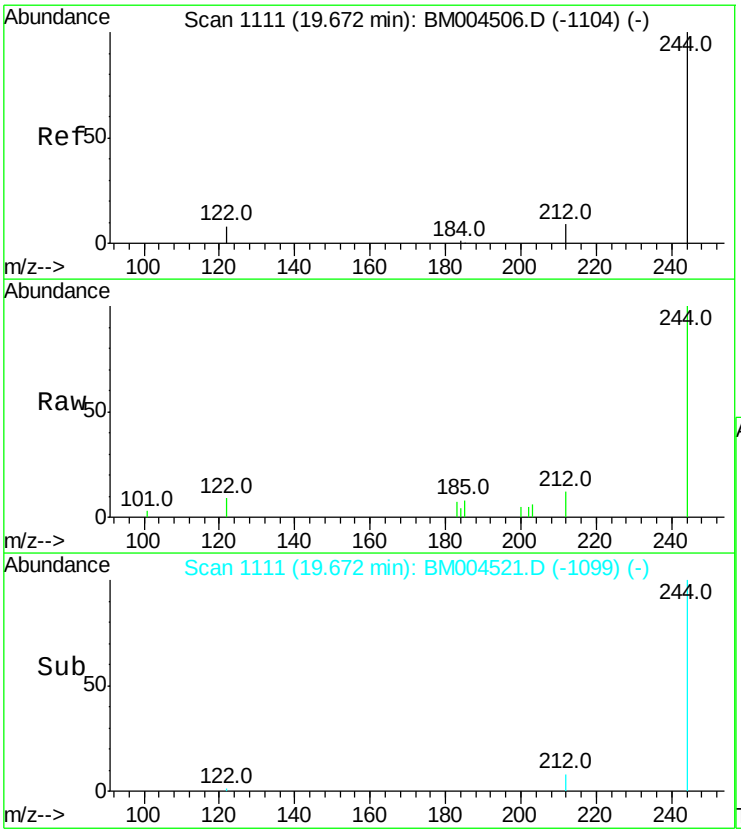
#28
Pyrene
Concen: 0.13 ng m
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:202 Resp: 4274

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

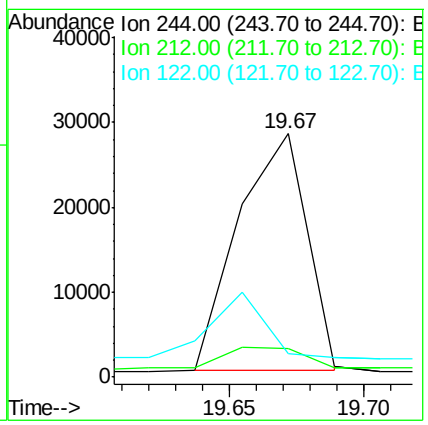


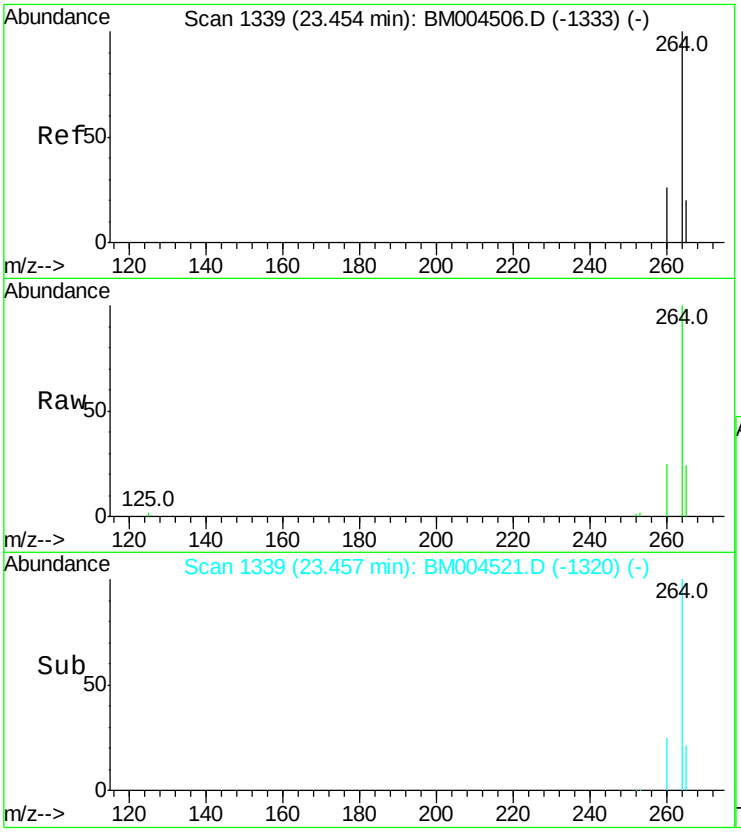


#29
Terphenyl-d14
Concen: 4.38 ng m
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Tgt Ion:244 Resp: 49525

Ion	Ratio	Lower	Upper
244	100		
212	11.7	7.8	11.6#
122	9.4	7.0	10.4





#35
Perylene-d12
Concen: 5.00 ng m
RT: 23.46 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM004521.D
Acq: 02 Mar 2016 15:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 65750

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.2	31.8
265	23.7	17.4	26.0