Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111615\
Data File : BM003137.D
Acq On : 16 Nov 2015 11:30
Operator : UM/IZ
Sample : PB86422BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 16 18:34:04 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 10:29:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	70137	5.00	ng	-0.02
7) Naphthalene-d8	10.53	136	269935	5.00	ng	-0.01
13) Acenaphthene-d10	14.39	164	121985	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	228912	5.00	ng	0.00
26) Chrysene-d12	21.33	240	234724	5.00	ng	-0.01
35) Perylene-d12	23.59	264	192616	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	95722	6.45	ng	-0.02
5) Phenol-d6	6.90	99	114985	6.64	ng	-0.02
8) Nitrobenzene-d5	8.90	82	41833	3.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	20223	6.40	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	147924	3.85	ng	-0.02
29) Terphenyl-d14	19.77	244	105570	3.12	ng	0.00
Target Compounds						Qvalue
20) 4-Bromophenyl-phenylether	16.32	248	12	Below Cal	#	6
21) Hexachlorobenzene	16.45	284	12	Below Cal	#	51
22) Pentachlorophenol	16.81	266	26	0.19	ng	# 65
23) Phenanthrene	17.16	178	261	Below Cal	#	81
25) Fluoranthene	19.19	202	977	Below Cal		97
27) Benzidine	19.38	184	99	Below Cal	#	1
30) Benzo(a)anthracene	21.31	228	5735	0.13	ng	# 94
31) 3,3'-Dichlorobenzidine	21.25	252	94	0.21	ng	# 83
32) Chrysene	21.31	228	5761	Below Cal		92
33) Bis(2-ethylhexyl)phthalate	21.23	149	146	0.26	ng	# 51
34) Indeno(1,2,3-cd)pyrene	26.56	276	2491	0.10	ng	96
37) Benzo(k)fluoranthene	22.95	252	2231	Below Cal	#	64
38) Benzo(a)pyrene	23.49	252	2048	0.04	ng	# 54
39) Dibenzo(a,h)anthracene	25.89	278	2054	0.04	ng	# 76
40) Benzo(g,h,i)perylene	26.56	276	2491	0.05	ng	# 82

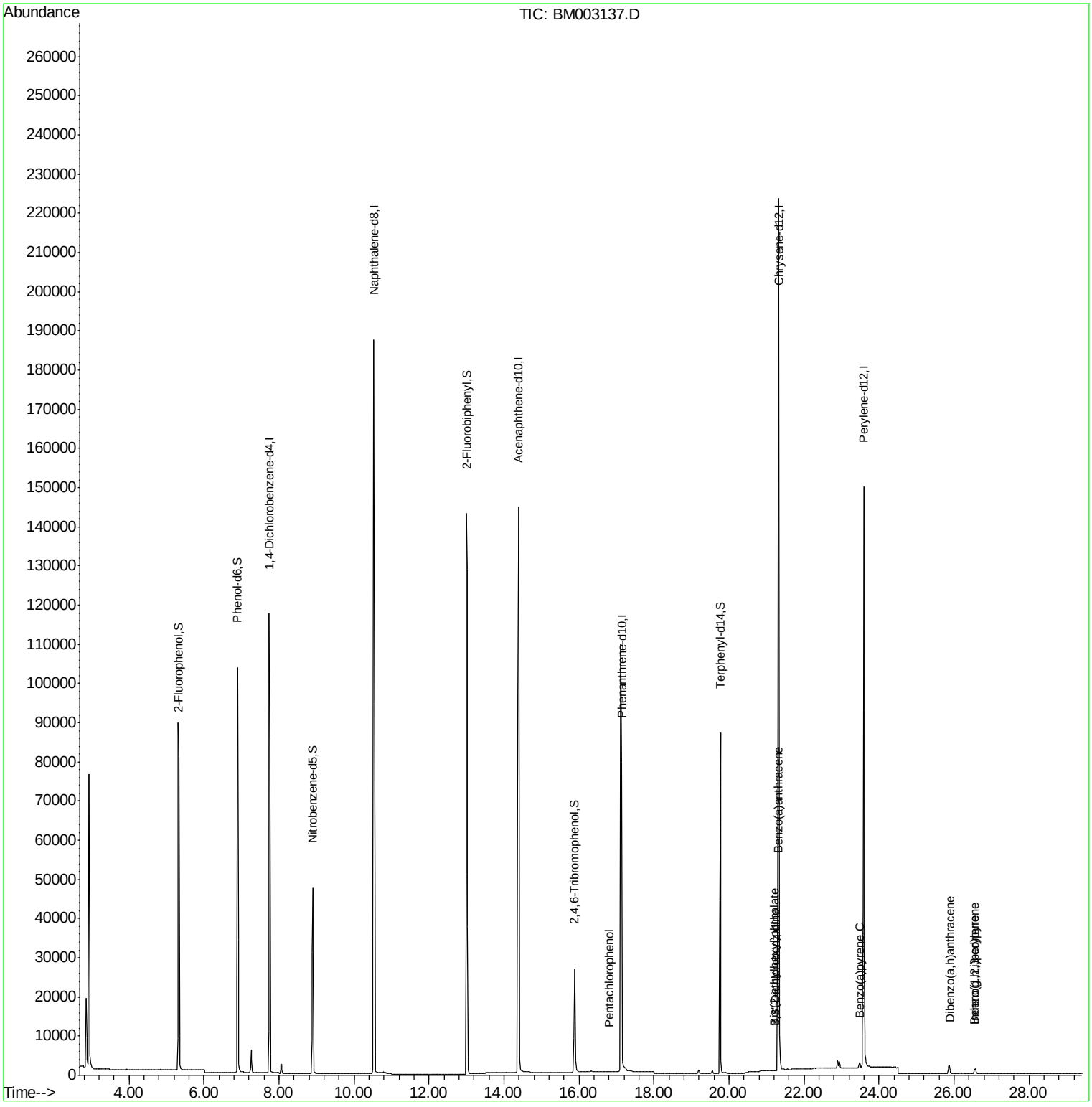
(#) = qualifier out of range (m) = manual integration (+) = signals summed

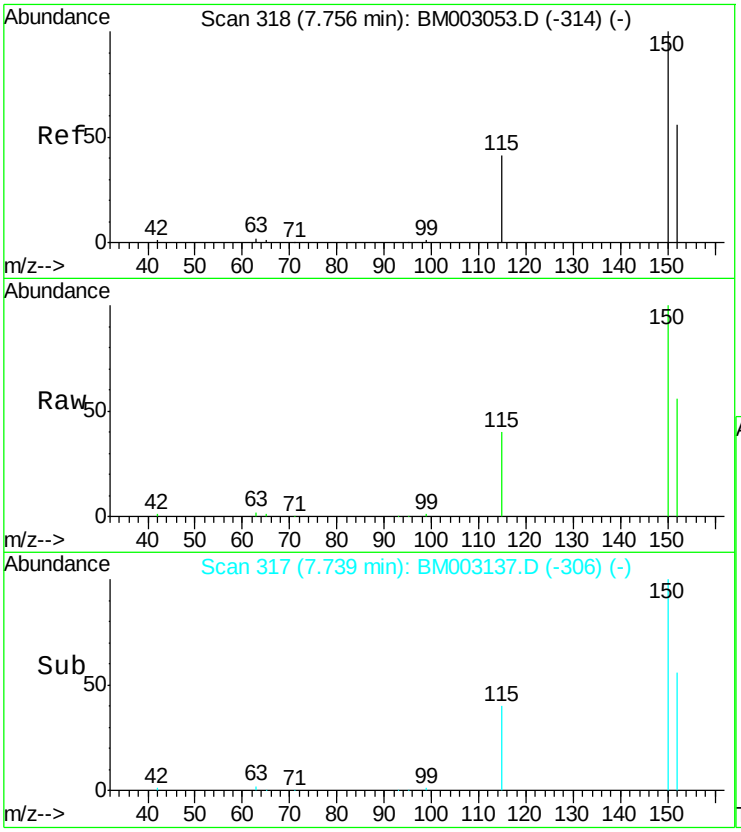
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111615\
Data File : BM003137.D
Acq On : 16 Nov 2015 11:30
Operator : UM/IZ
Sample : PB86422BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 16 18:34:04 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 10:29:18 2015
Response via : Initial Calibration



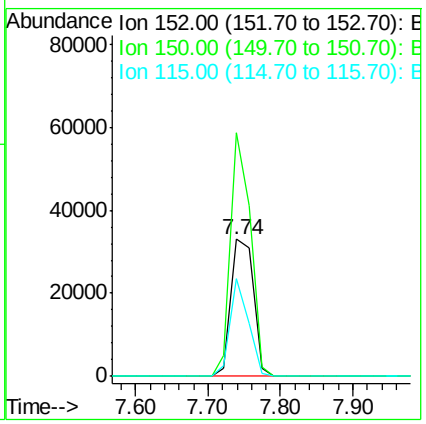


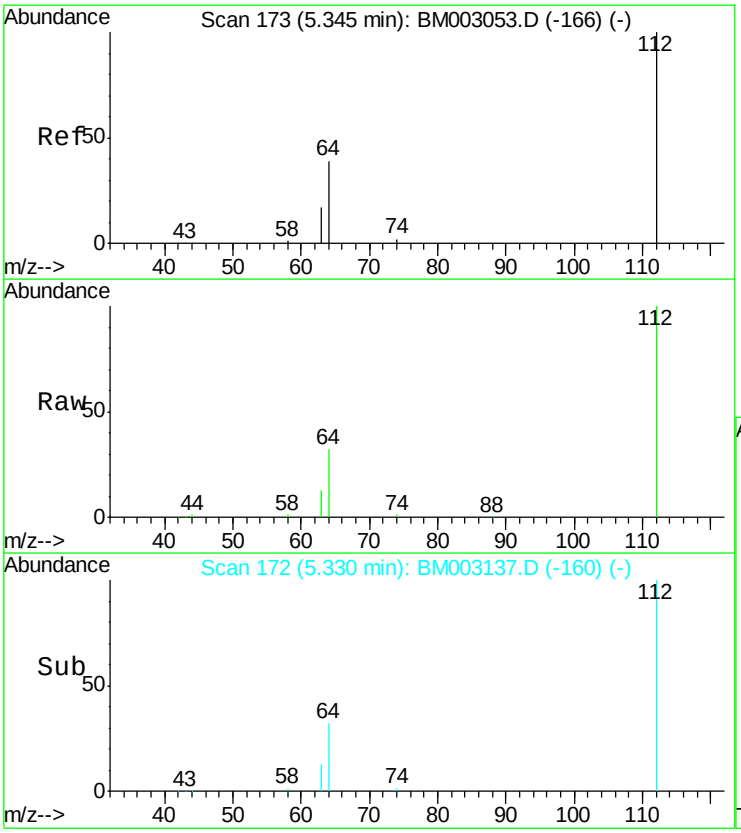
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 70137

Ion	Ratio	Lower	Upper
152	100		
150	177.9	143.6	215.4
115	71.7	58.5	87.7

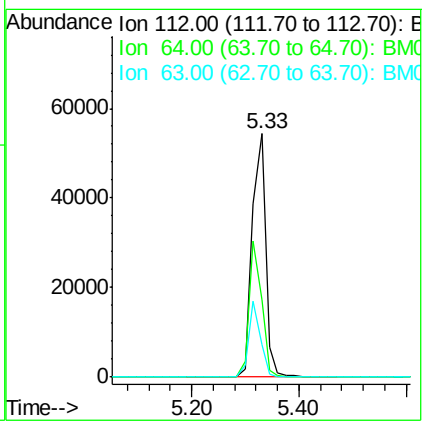


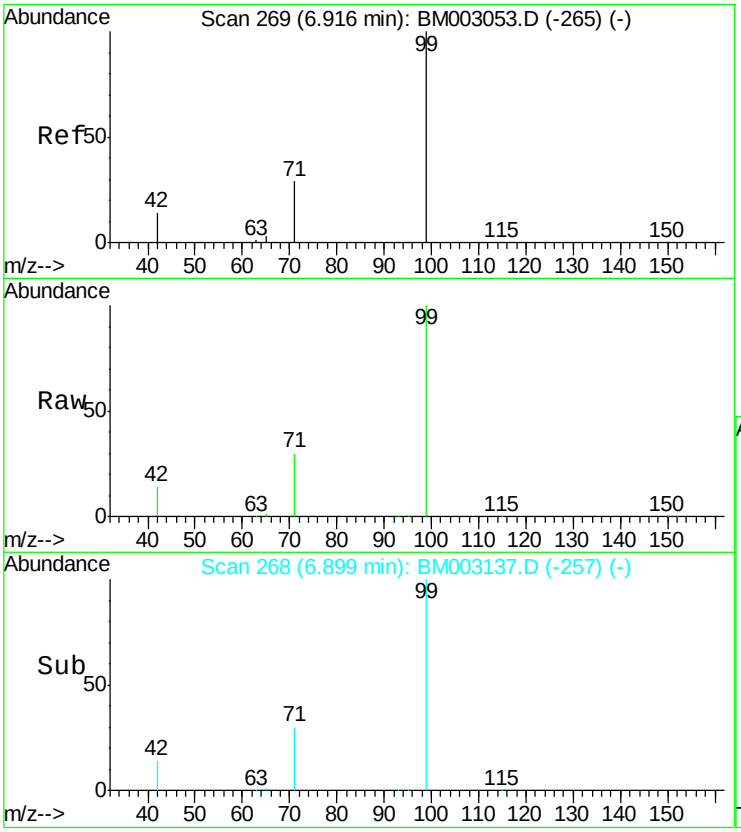


#4
2-Fluorophenol
Concen: 6.45 ng
RT: 5.33 min Scan# 172
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:112 Resp: 95722

Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.2	61.8
63	26.6	21.2	31.8



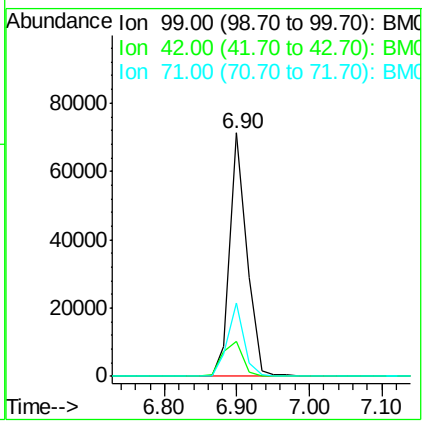


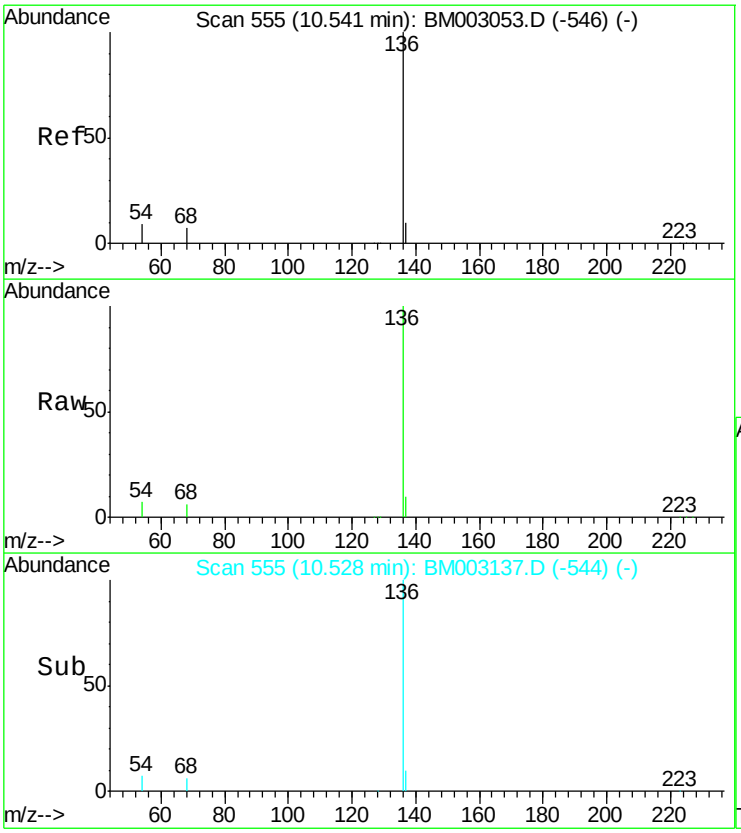
#5
Phenol-d6
Concen: 6.64 ng
RT: 6.90 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 114985

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	22.0
71	28.9	23.3	34.9

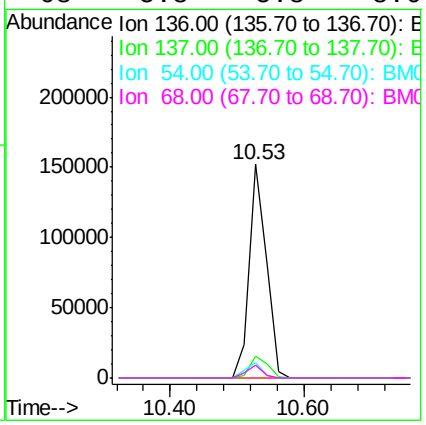


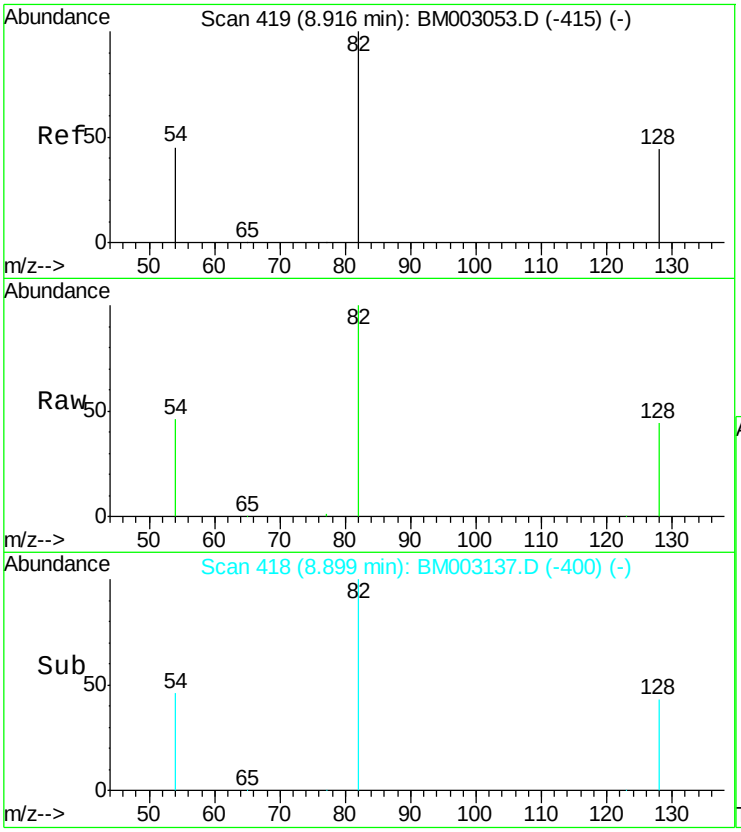


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.53 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:136 Resp: 269935

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.0	12.0
54	7.1	7.4	11.0#
68	5.8	5.8	8.6



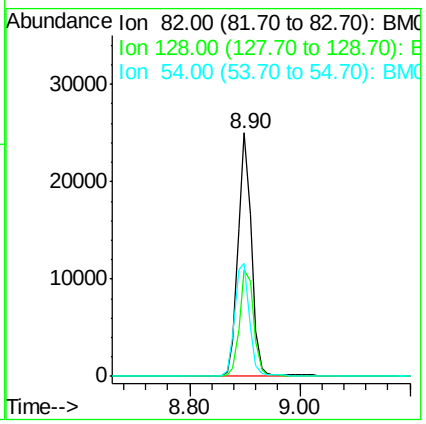


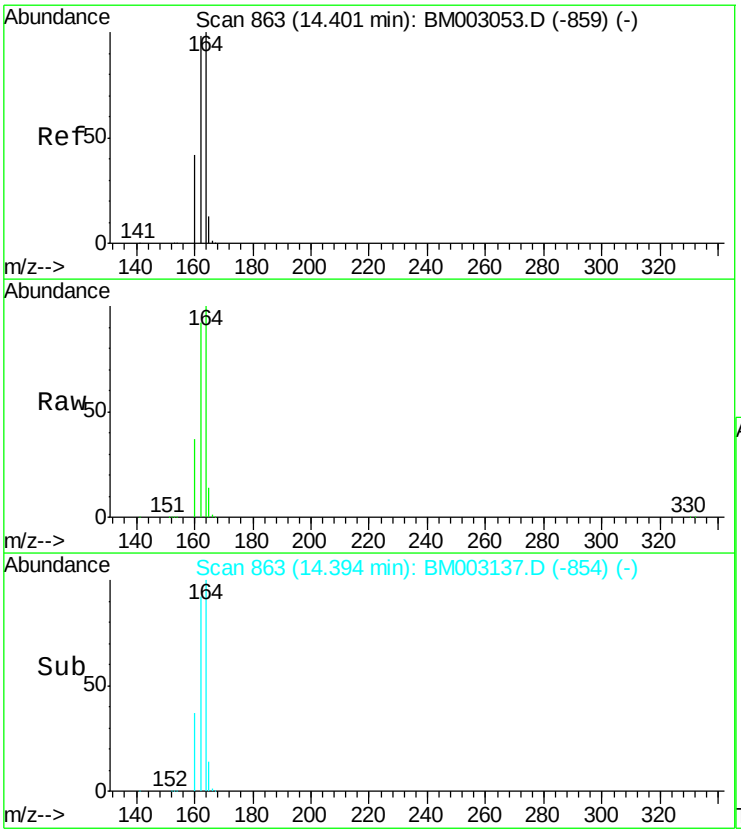
#8
Nitrobenzene-d5
Concen: 3.36 ng
RT: 8.90 min Scan# 418
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 41833

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.2	52.8
54	46.4	36.4	54.6

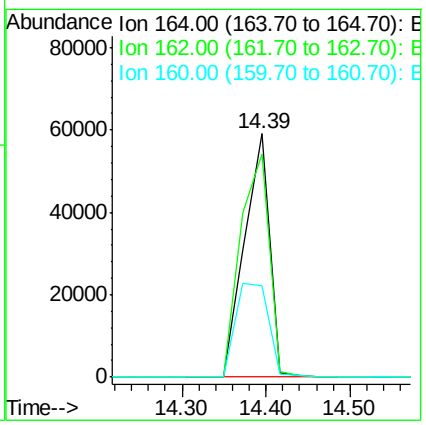


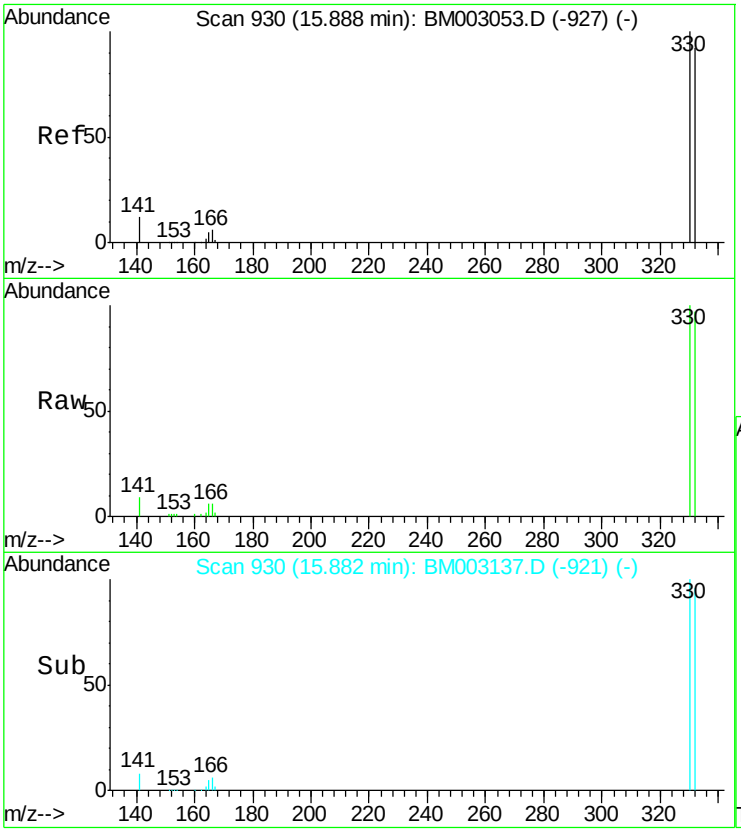


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.39 min Scan# 863
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:164 Resp: 121985

Ion	Ratio	Lower	Upper
164	100		
162	91.9	78.3	117.5
160	37.4	33.8	50.6



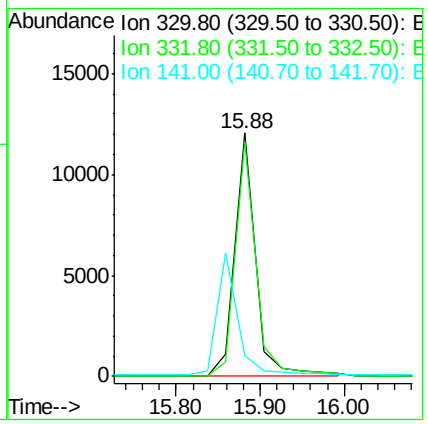


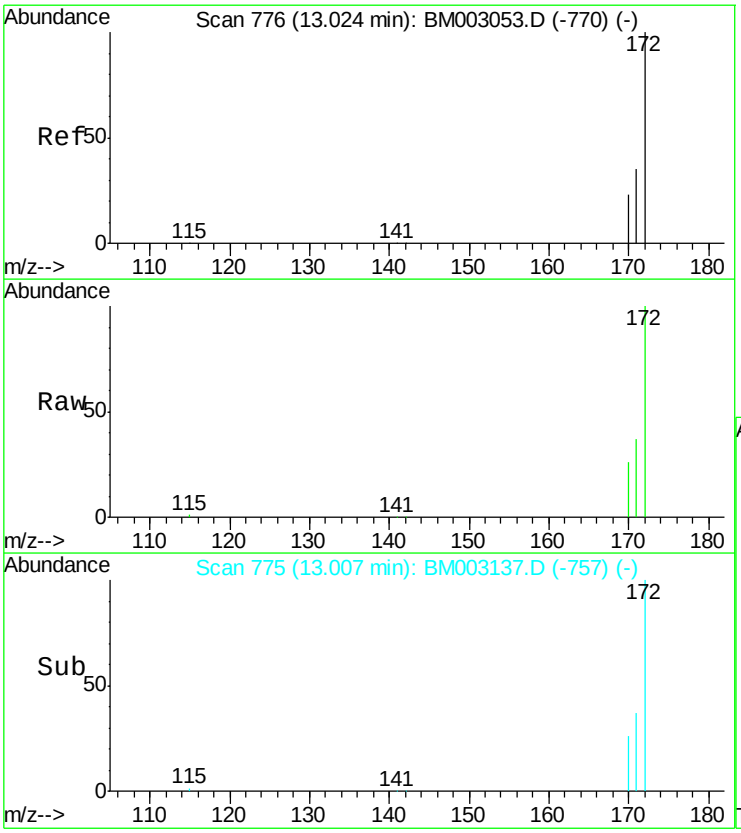
#14
2,4,6-Tribromophenol
Concen: 6.40 ng
RT: 15.88 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 20223

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	0.0	0.0	0.0

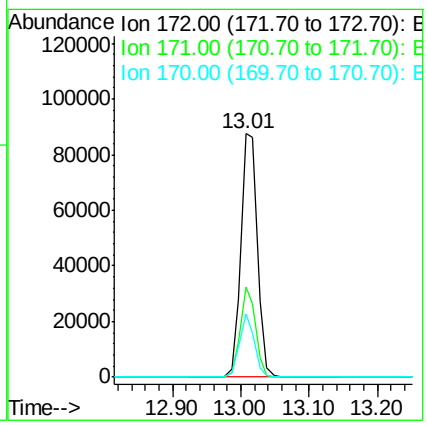


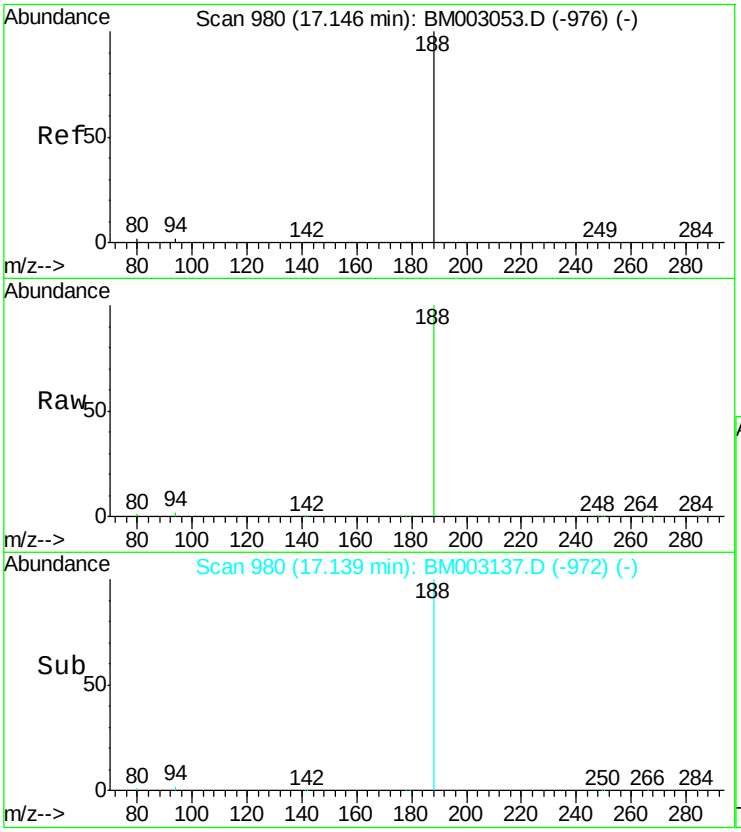


#15
2-Fluorobiphenyl
Concen: 3.85 ng
RT: 13.01 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:172 Resp: 147924

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.0	42.0
170	26.2	18.9	28.3



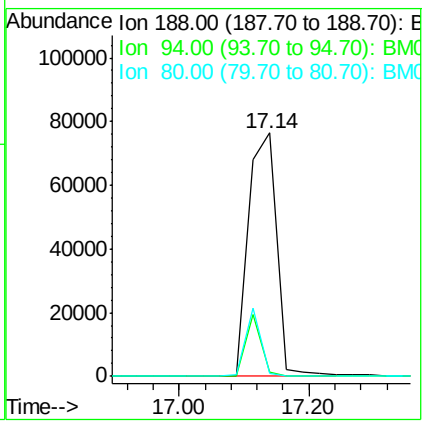


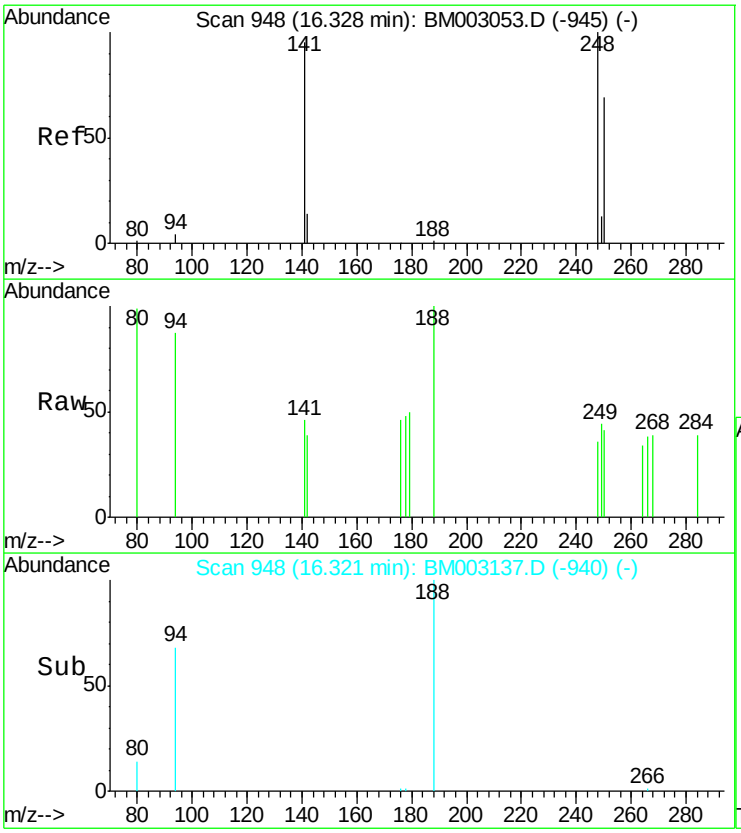
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 228912

Ion	Ratio	Lower	Upper
188	100		
94	1.8	1.8	2.6
80	1.5	1.4	2.0

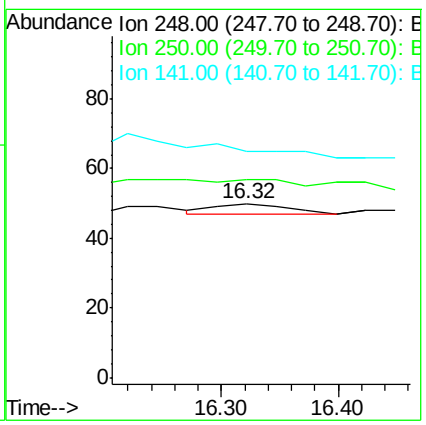


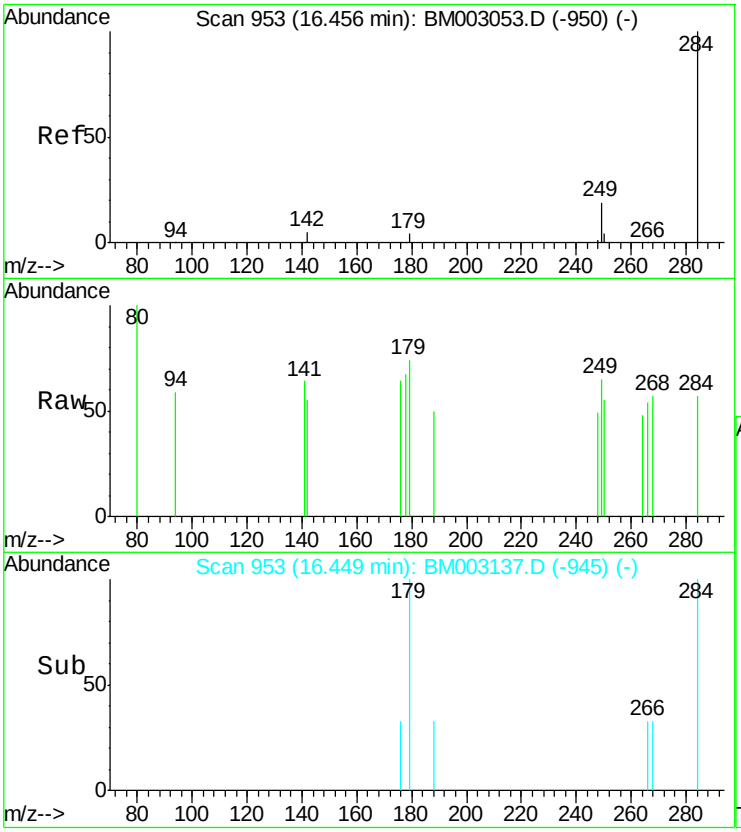


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.32 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:248 Resp: 12

Ion	Ratio	Lower	Upper
248	100		
250	0.0	65.4	98.0#
141	0.0	72.8	109.2#



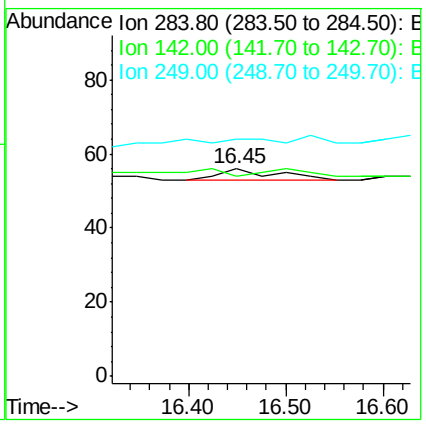


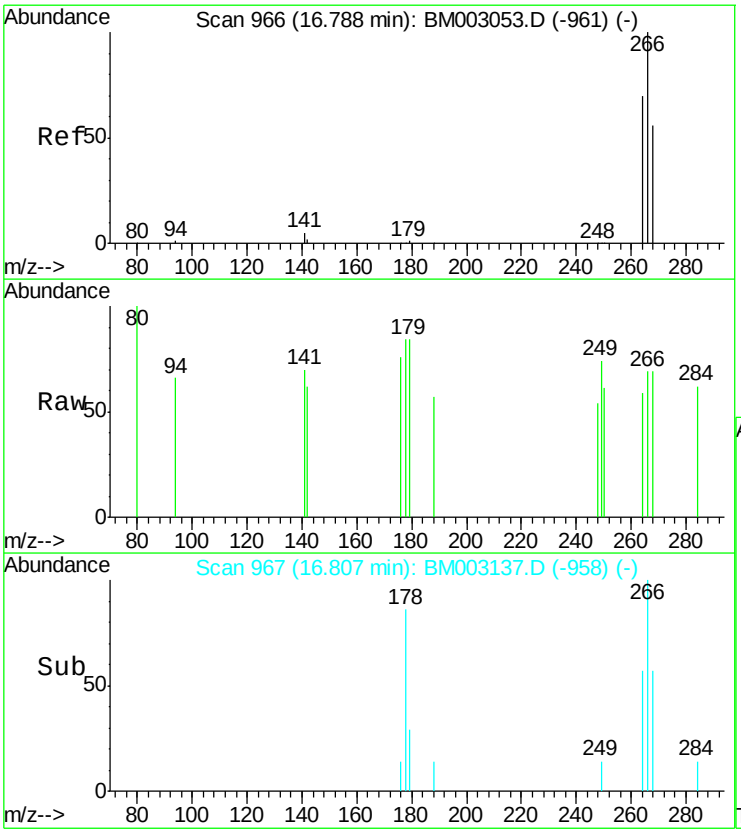
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.45 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 12

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	19.4	29.2#

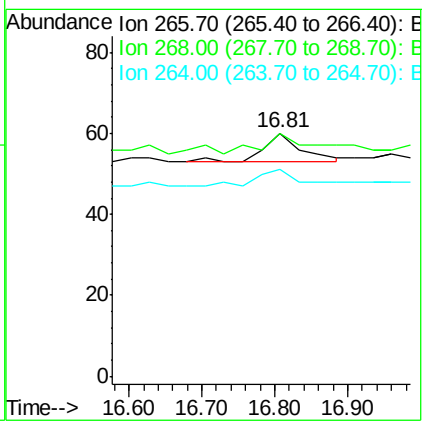


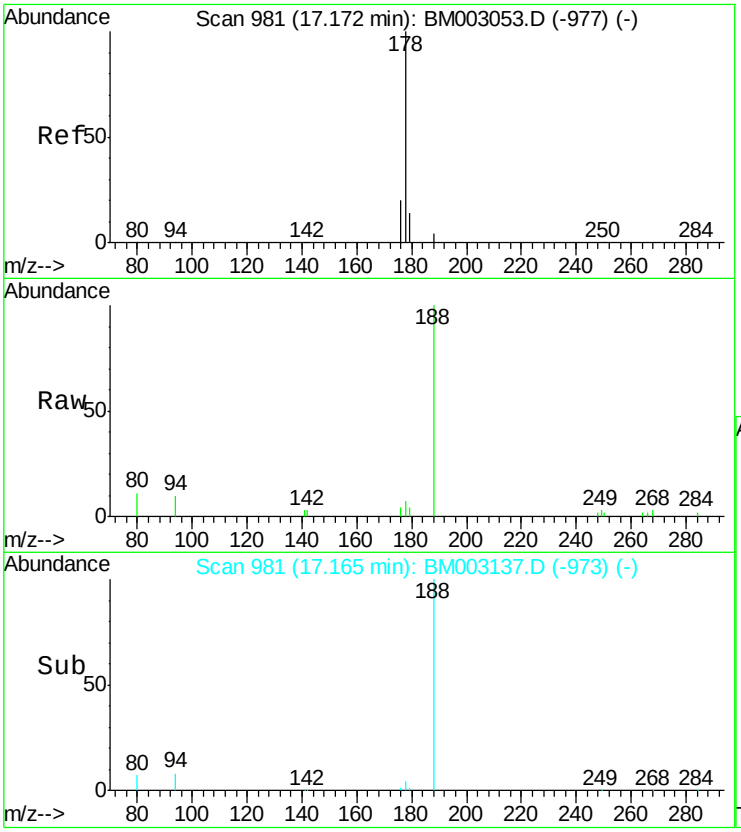


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.81 min Scan# 967
Delta R.T. 0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
268	100.0	45.8	68.8#
264	85.0	56.7	85.1



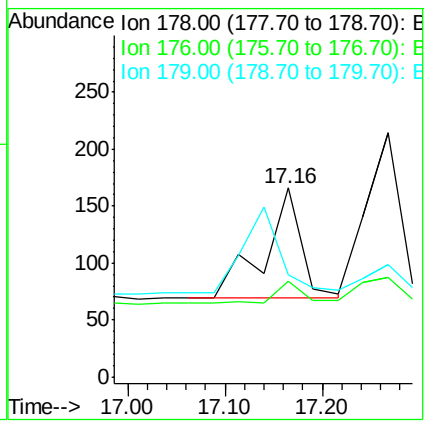


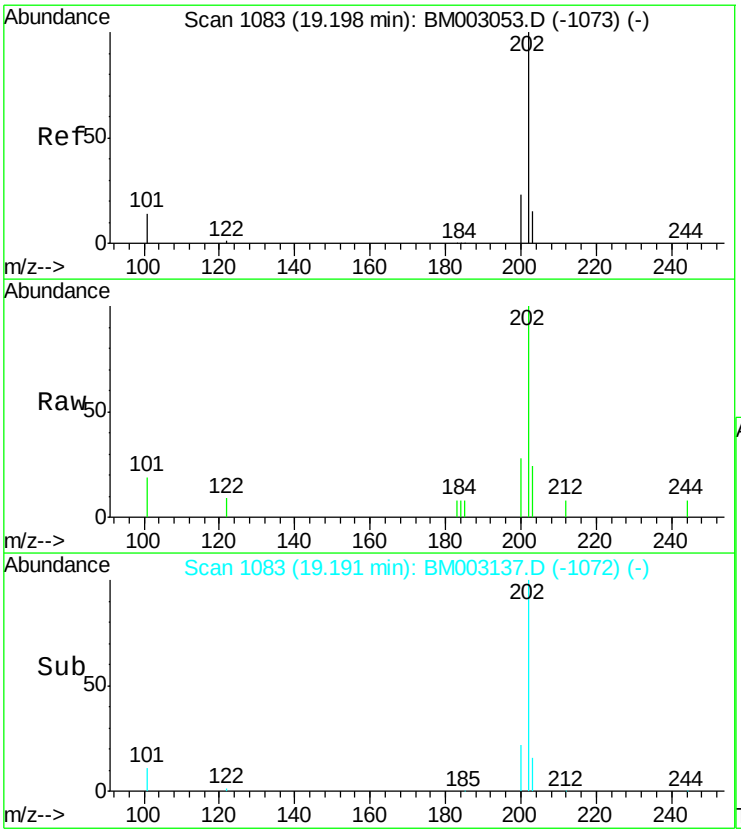
#23
Phenanthrene
Concen: Below Cal
RT: 17.16 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 261

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.9	23.9
179	0.0	11.7	17.5#

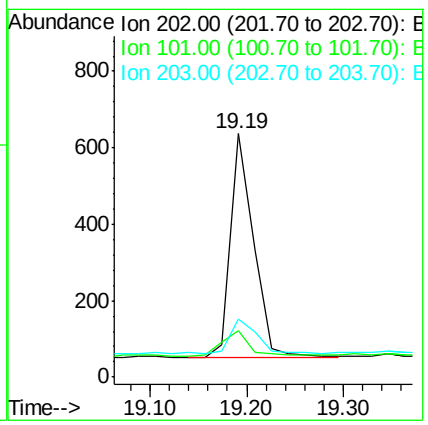


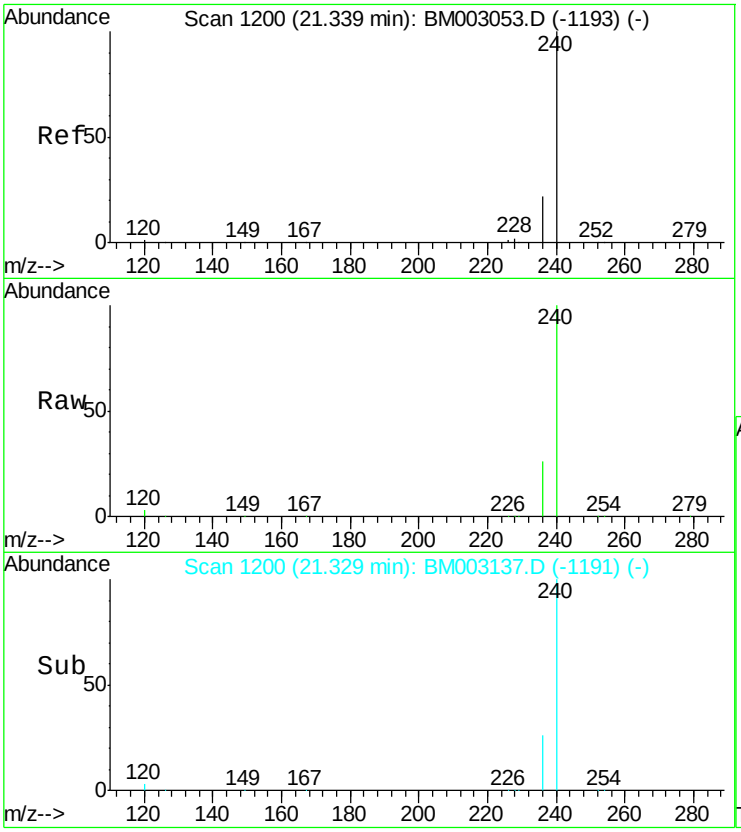


#25
Fluoranthene
Concen: Below Cal
RT: 19.19 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:202 Resp: 977

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.9	14.9
203	19.4	13.9	20.9



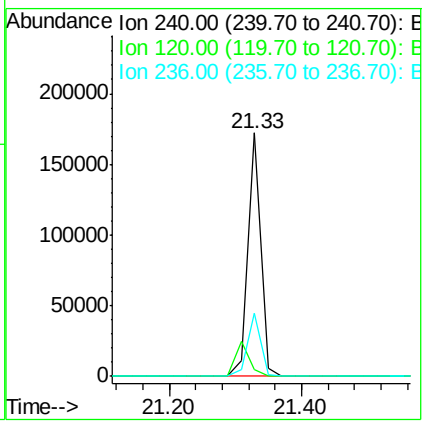


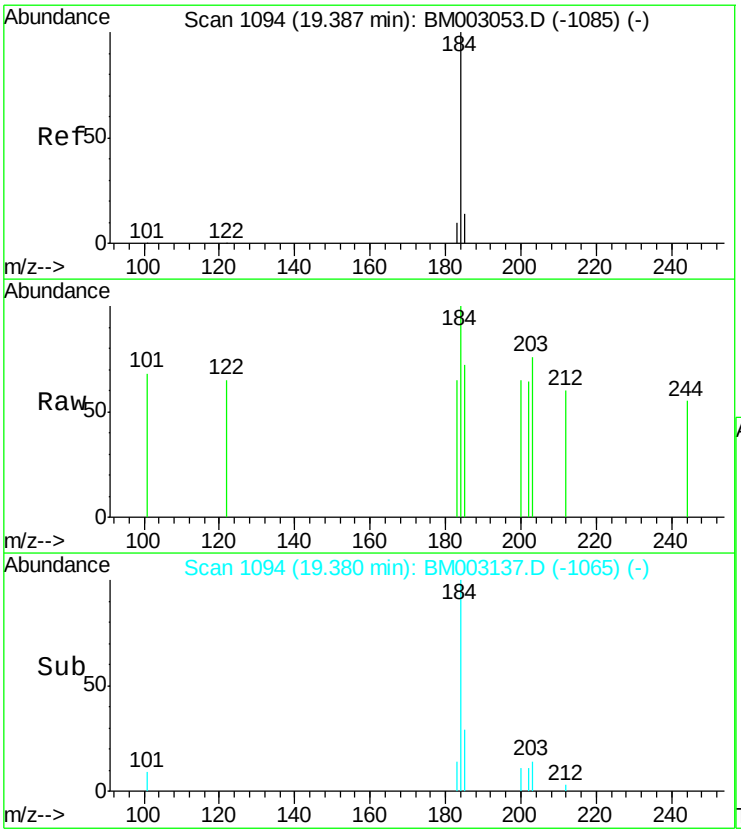
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 234724

Ion	Ratio	Lower	Upper
240	100		
120	3.0	1.0	1.4#
236	25.8	17.9	26.9

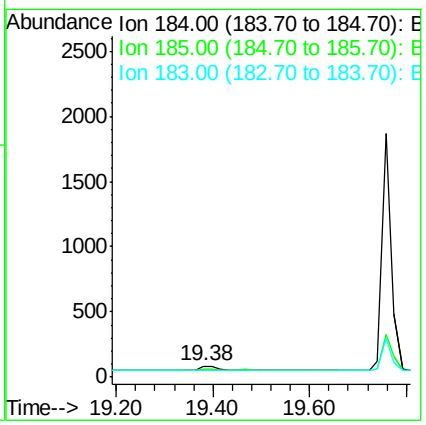


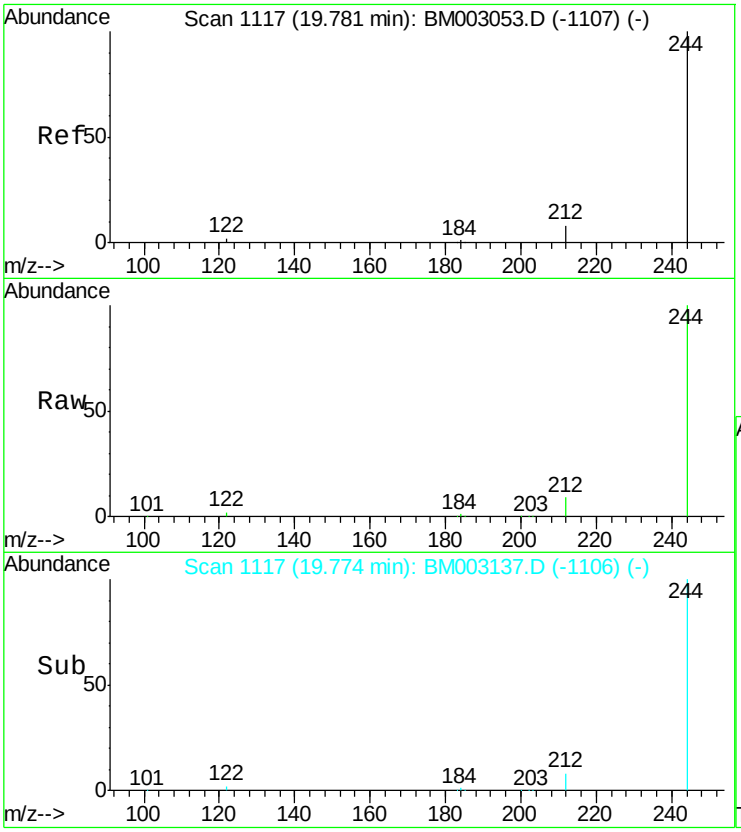


#27
Benzidine
Concen: Below Cal
RT: 19.38 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:184 Resp: 99

Ion	Ratio	Lower	Upper
184	100		
185	71.8	11.6	17.4#
183	64.7	8.6	13.0#



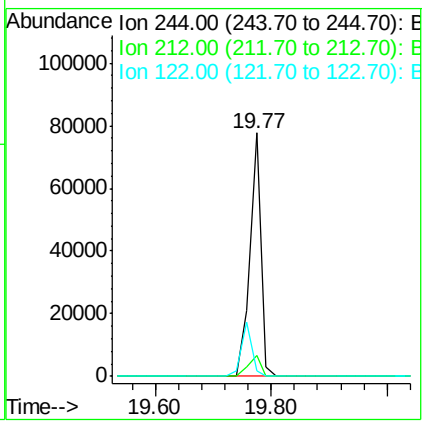


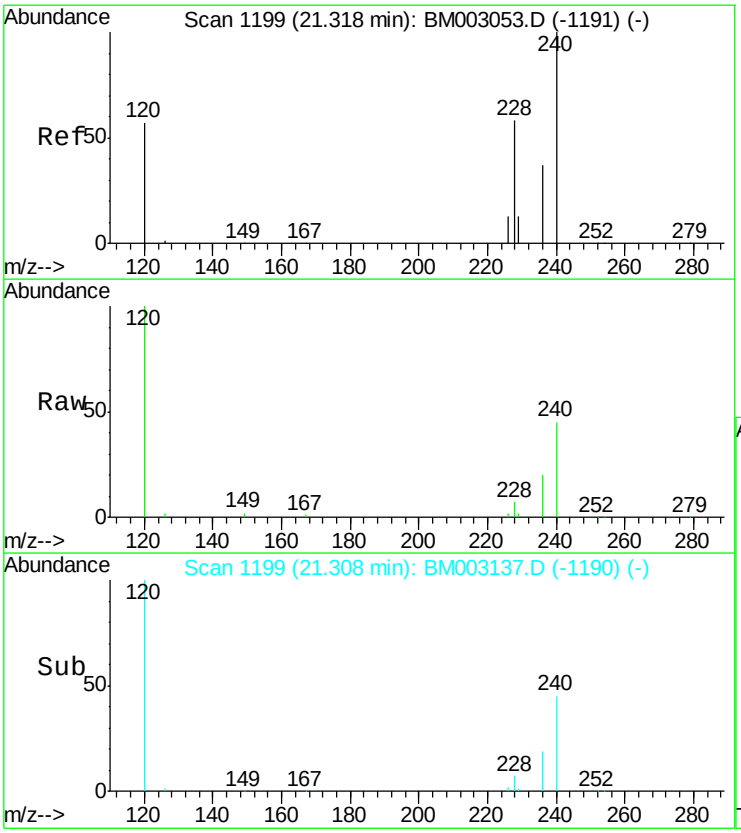
#29
Terphenyl-d14
Concen: 3.12 ng
RT: 19.77 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 105570

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	2.1	2.0	3.0

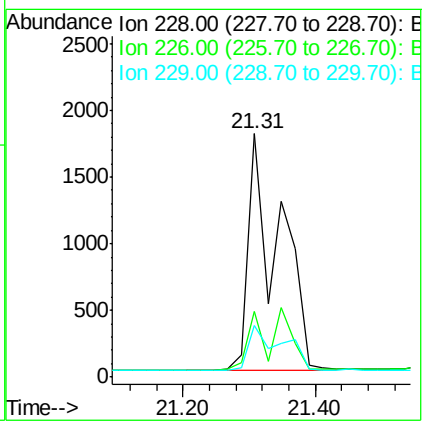


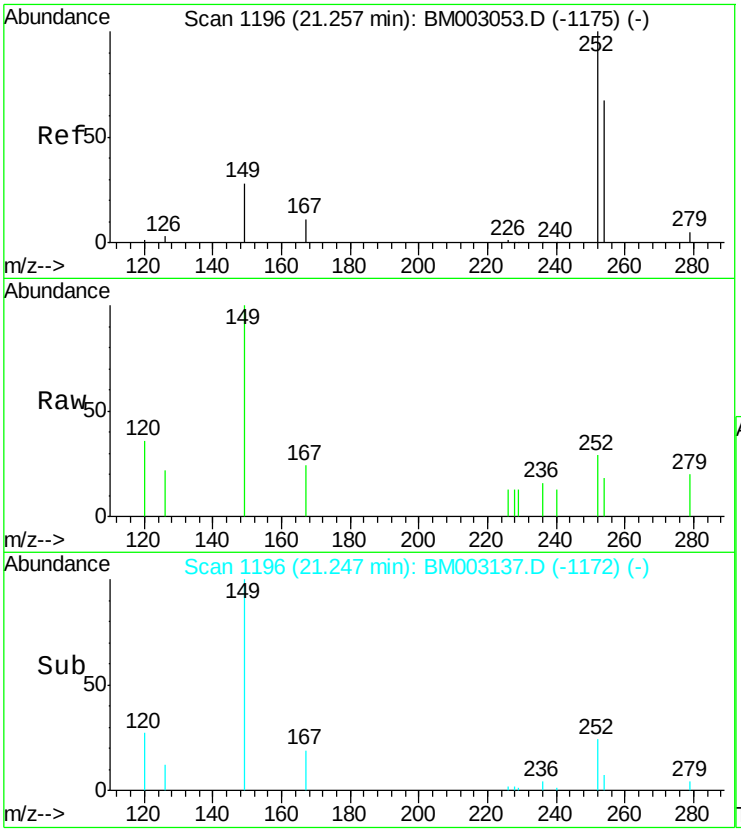


#30
Benzo(a)anthracene
Concen: 0.13 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:228 Resp: 5735

Ion	Ratio	Lower	Upper
228	100		
226	27.1	17.8	26.6#
229	21.2	18.0	27.0



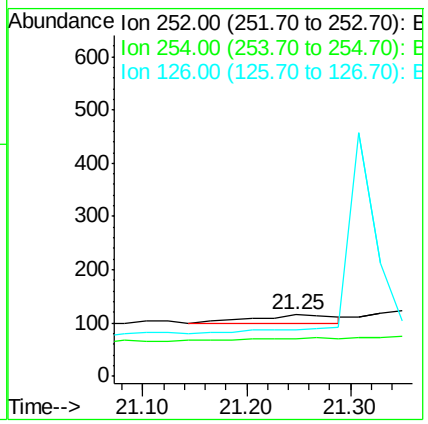


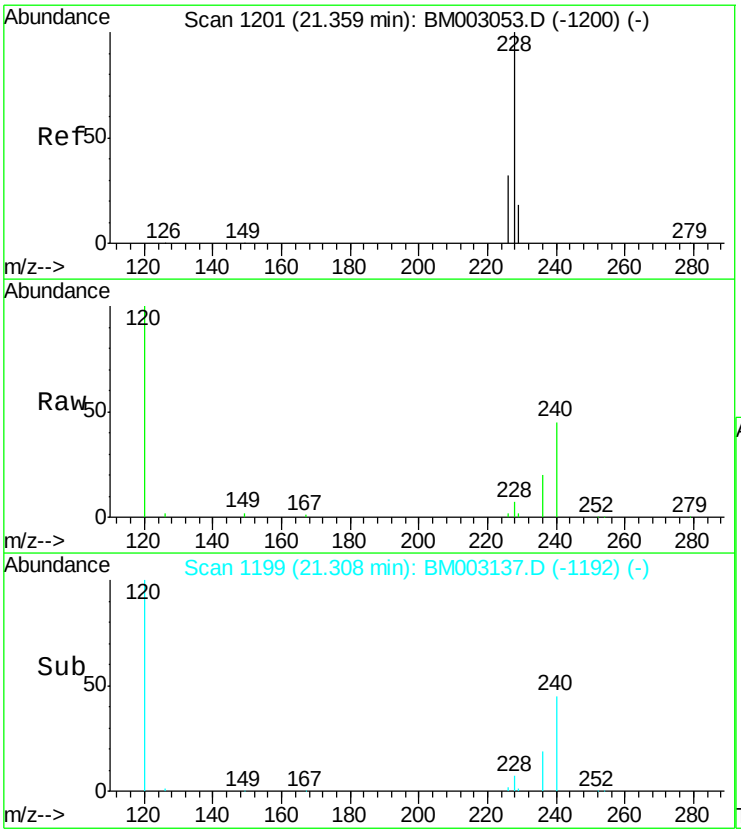
#31
3,3'-Dichlorobenzidine
Concen: 0.21 ng
RT: 21.25 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 94

Ion	Ratio	Lower	Upper
252	100		
254	61.7	53.7	80.5
126	76.5	2.8	4.2#

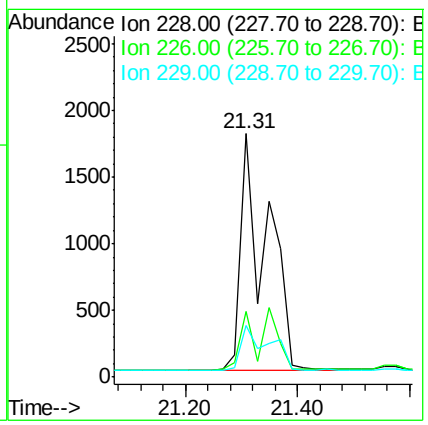


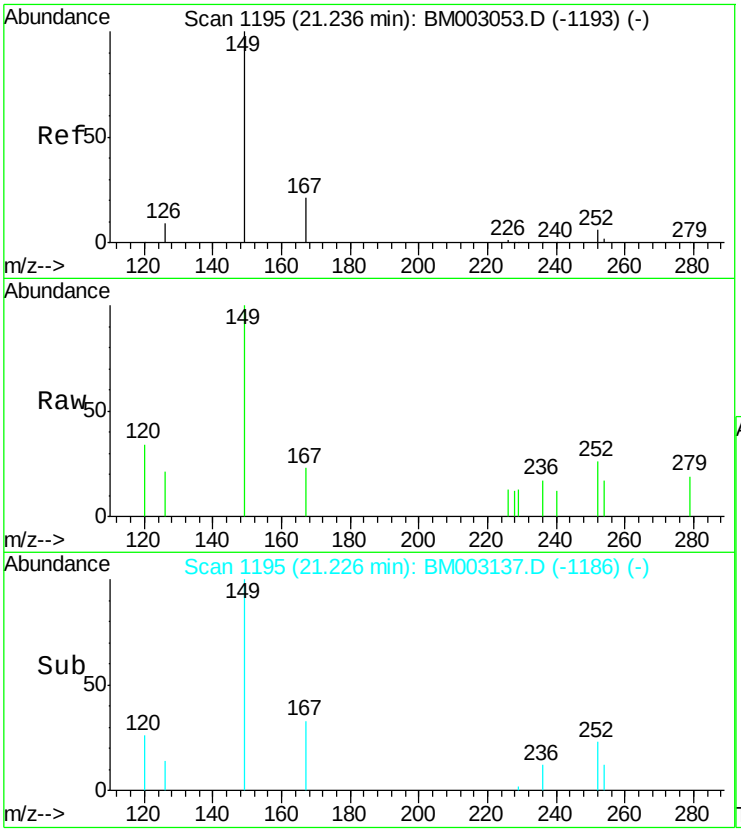


#32
Chrysene
Concen: Below Cal
RT: 21.31 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:228 Resp: 5761

Ion	Ratio	Lower	Upper
228	100		
226	27.1	25.5	38.3
229	21.2	14.3	21.5



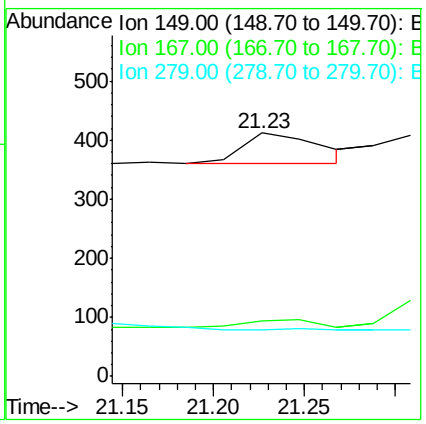


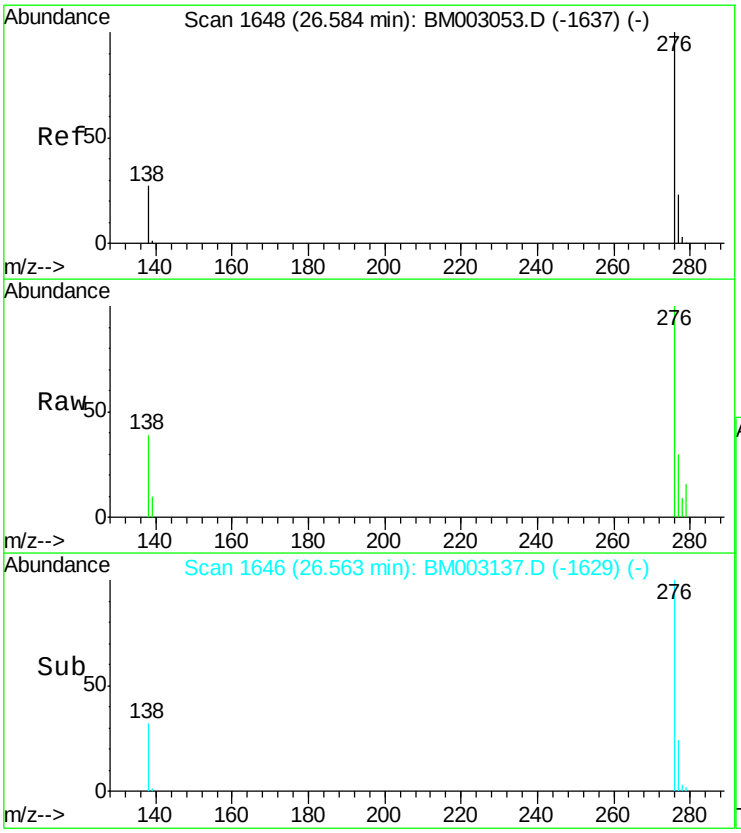
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 146

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.6	29.4#
279	0.0	0.0	0.0

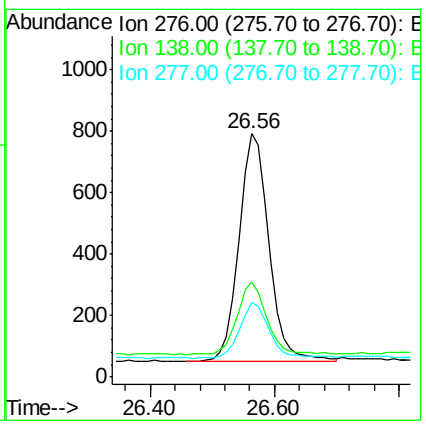


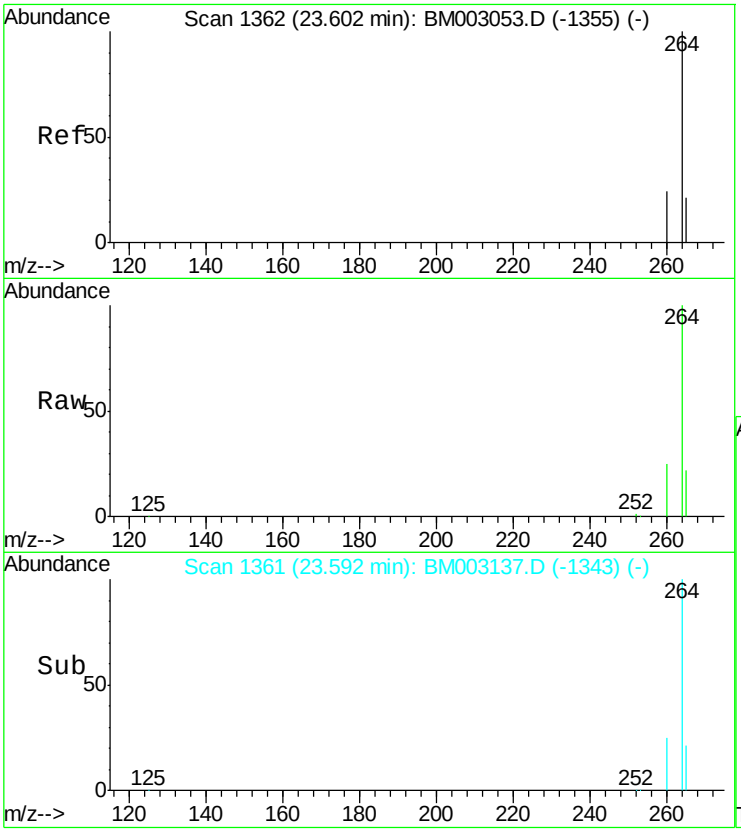


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 26.56 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:276 Resp: 2491

Ion	Ratio	Lower	Upper
276	100		
138	32.0	22.6	33.8
277	24.0	18.7	28.1



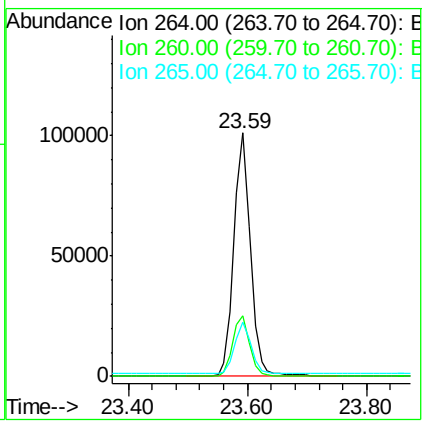


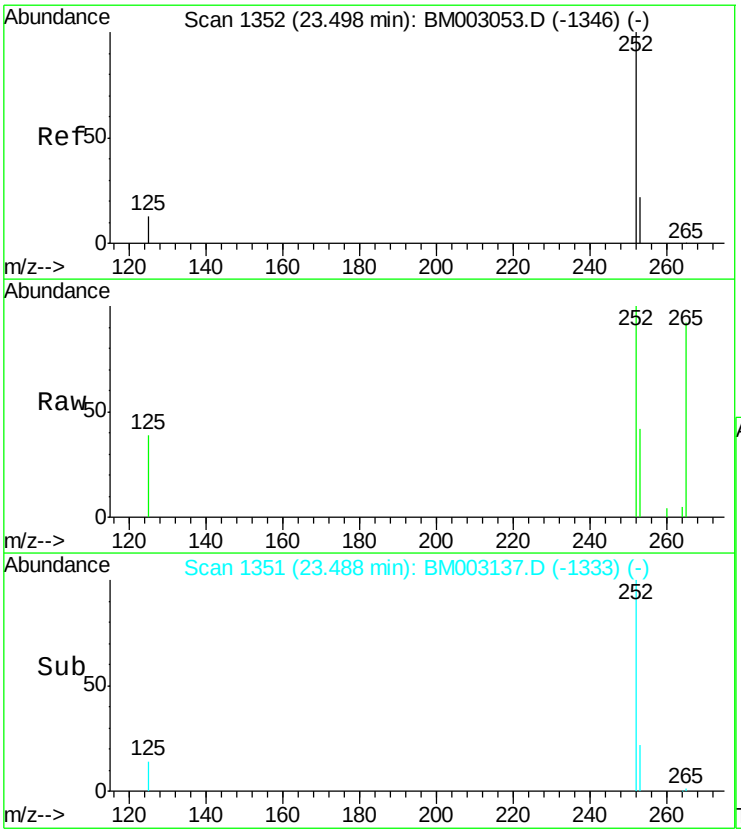
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.59 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 192616

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.3	18.4	27.6

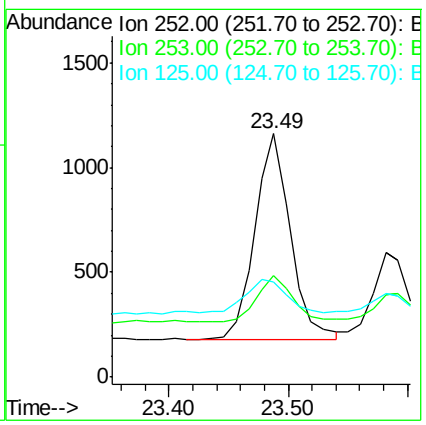


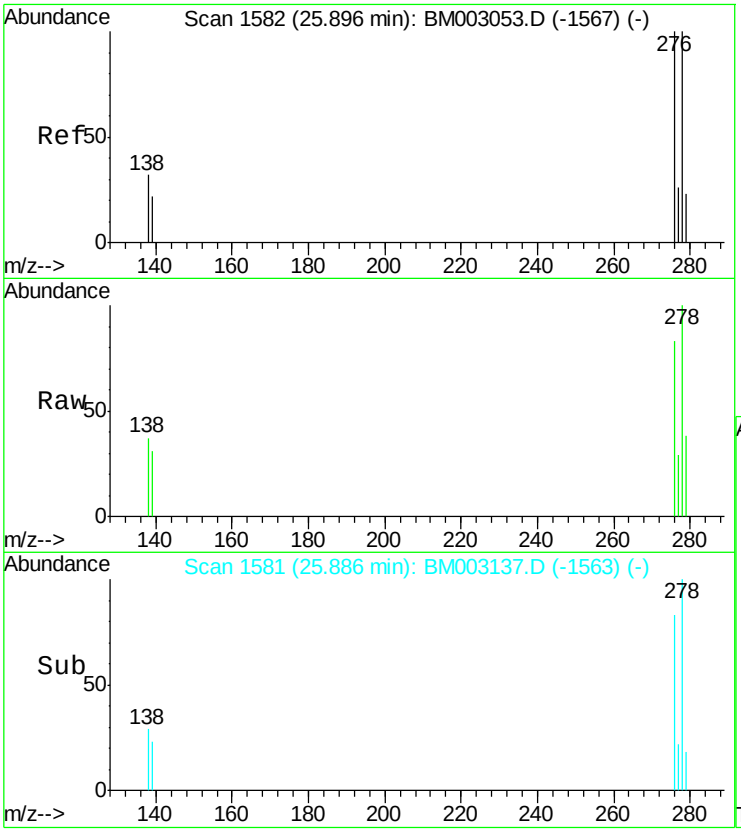


#38
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.49 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:252 Resp: 2048

Ion	Ratio	Lower	Upper
252	100		
253	41.7	18.7	28.1#
125	38.8	11.6	17.4#



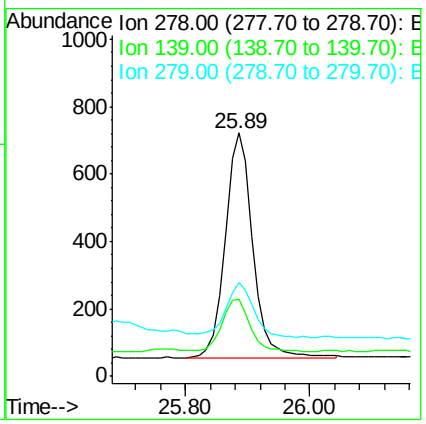


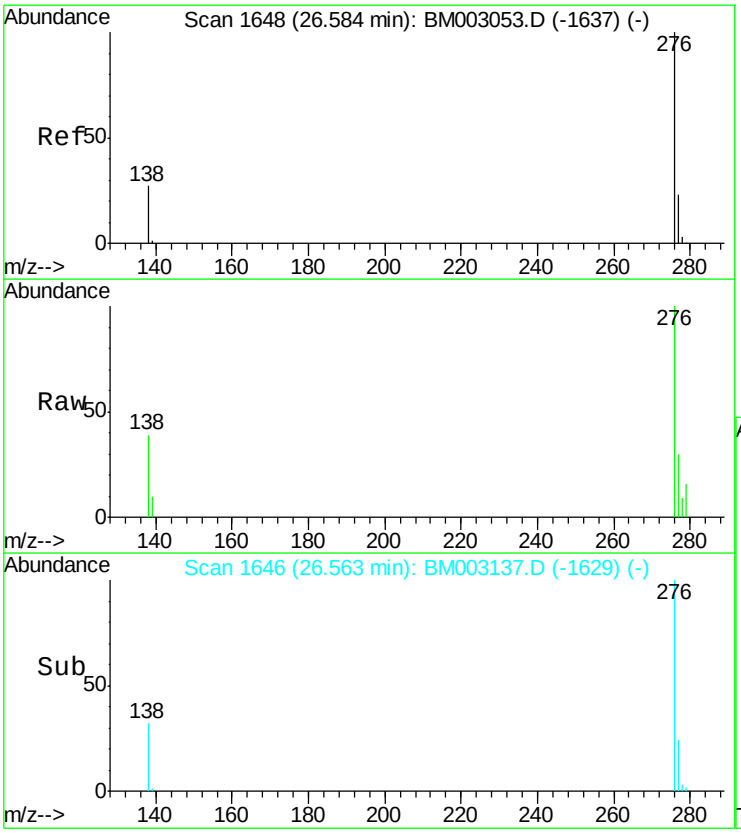
#39
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.89 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2054

Ion	Ratio	Lower	Upper
278	100		
139	31.4	18.2	27.4#
279	38.4	18.8	28.2#





#40
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 26.56 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BM003137.D
Acq: 16 Nov 2015 11:30

Tgt Ion:276 Resp: 2491

Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.0	28.6#
138	39.3	22.3	33.5#