Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020216\
Data File : BM004166.D
Acq On : 02 Feb 2016 16:34
Operator : SJ/IZ
Sample : PB88134BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB88134BL

Quant Time: Feb 03 00:53:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:46:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	21561	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	89224	5.00	ng	0.00
13) Acenaphthene-d10	14.30	164	52888	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	166371	5.00	ng	0.00
26) Chrysene-d12	21.28	240	162894	5.00	ng	0.00
35) Perylene-d12	23.50	264	134814	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	34320	7.63	ng	-0.02
5) Phenol-d6	6.85	99	40606	7.48	ng	0.00
8) Nitrobenzene-d5	8.82	82	16517	4.23	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	11926	5.83	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	68035	4.20	ng	0.00
29) Terphenyl-d14	19.71	244	90694	4.38	ng	0.00
Target Compounds						Qvalue
9) Nitrobenzene	8.82	77	58	0.23	ng	# 36
22) Pentachlorophenol	16.78	266	8	0.23	ng	# 63
23) Phenanthrene	17.06	178	94	Below Cal		# 1
27) Benzidine	19.69	184	1921	0.37	ng	# 91
28) Pyrene	19.52	202	60	Below Cal		# 66
30) Benzo(a)anthracene	21.28	228	682	Below Cal		# 76
31) 3,3'-Dichlorobenzidine	21.23	252	119	0.03	ng	# 64
32) Chrysene	21.28	228	690	Below Cal		# 69
33) Bis(2-ethylhexyl)phthalate	21.17	149	285	0.04	ng	# 95
34) Indeno(1,2,3-cd)pyrene	25.79	276	462	0.03	ng	91

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

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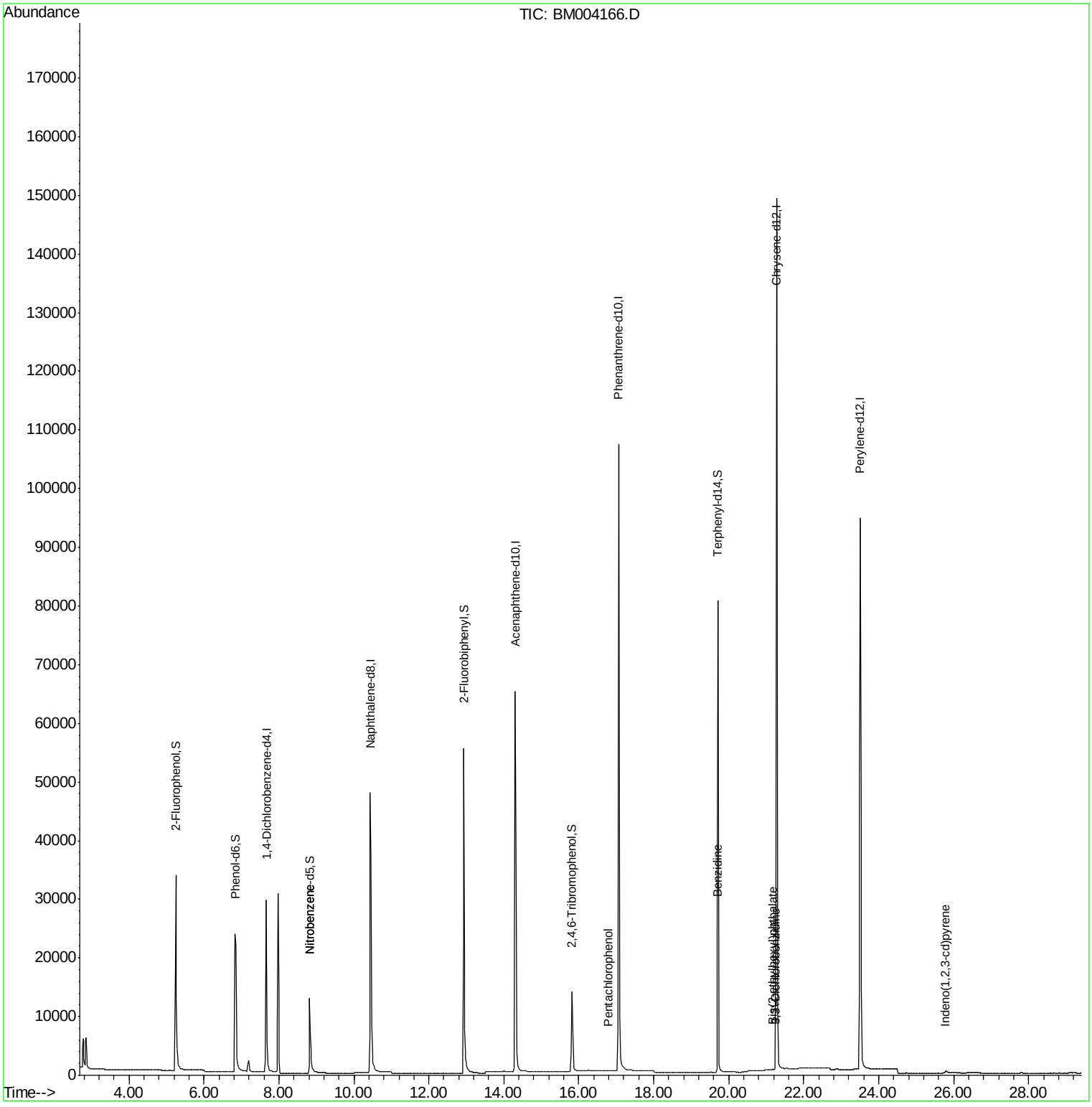
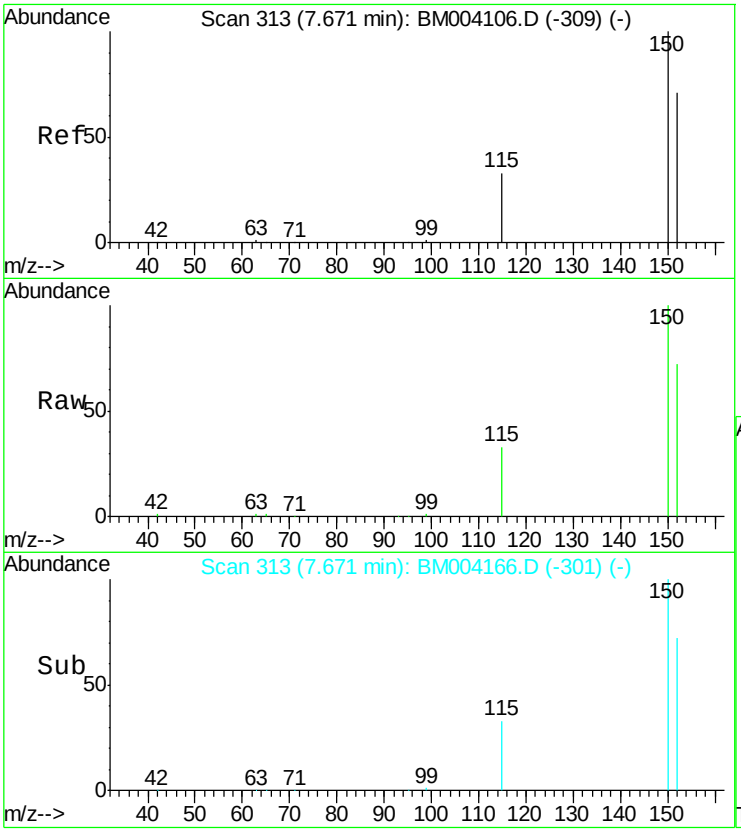
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:46:41 2016
Response via : Initial Calibration



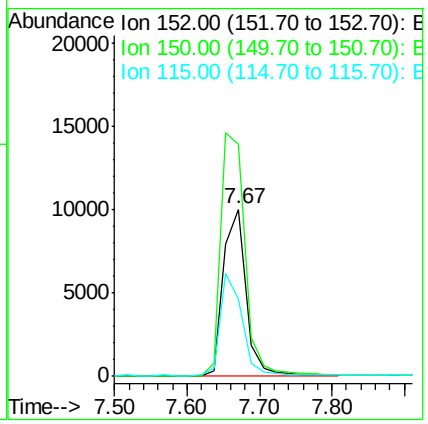


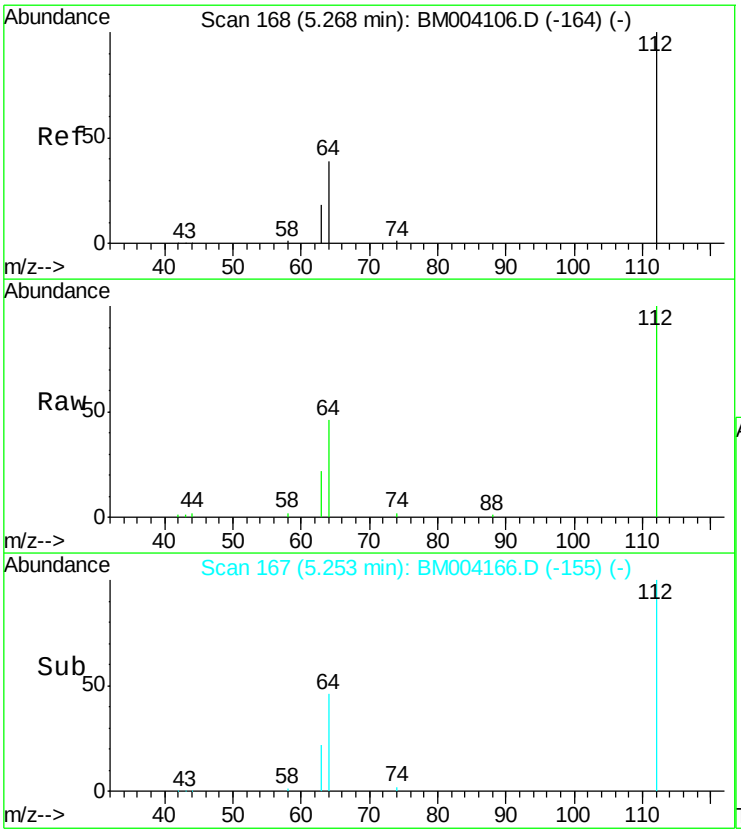
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:152 Resp: 21561

Ion	Ratio	Lower	Upper
152	100		
150	139.0	122.9	184.3
115	46.6	44.4	66.6

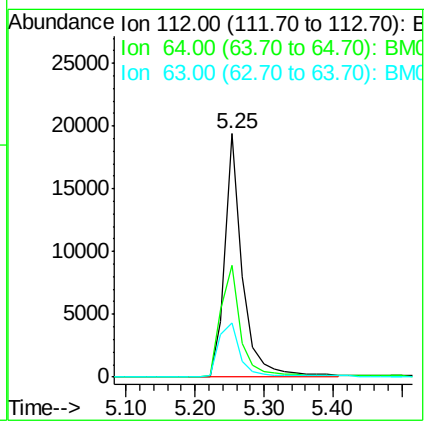


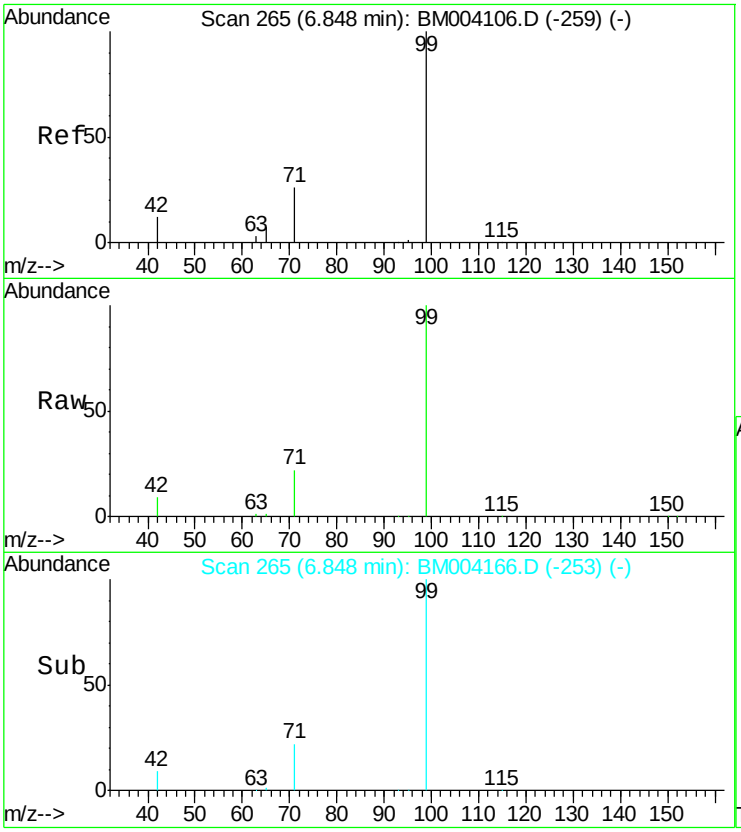


#4
2-Fluorophenol
Concen: 7.63 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:112 Resp: 34320

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.8	62.8
63	27.2	22.1	33.1



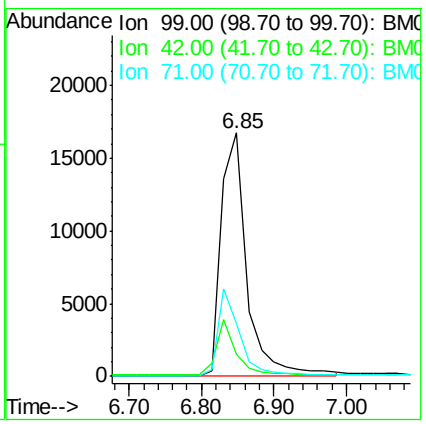


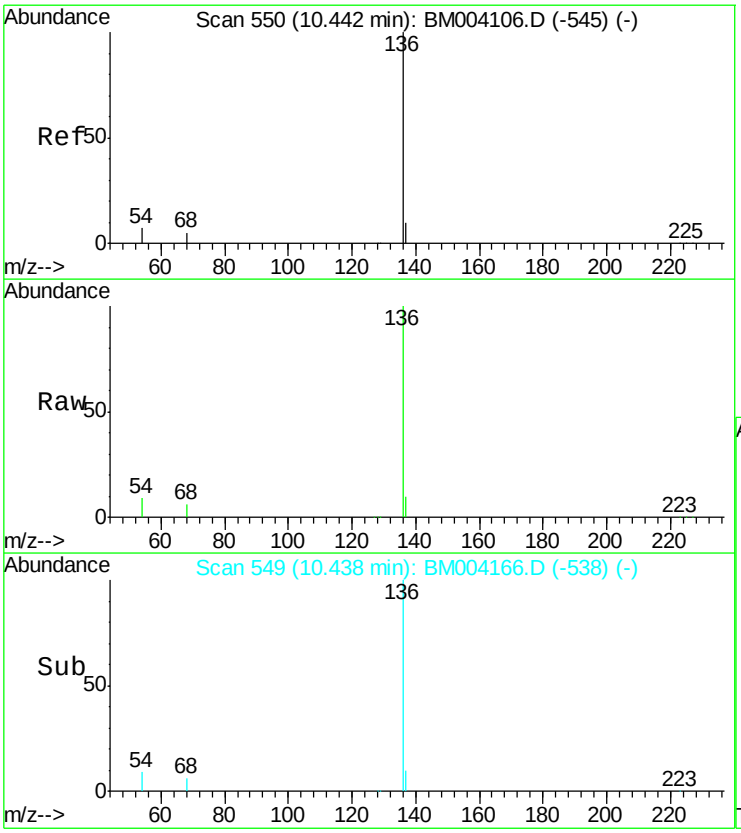
#5
Phenol-d6
Concen: 7.48 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion: 99 Resp: 40606

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.2	24.2
71	31.1	24.4	36.6

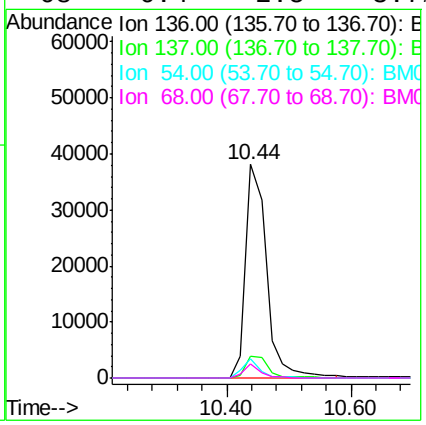


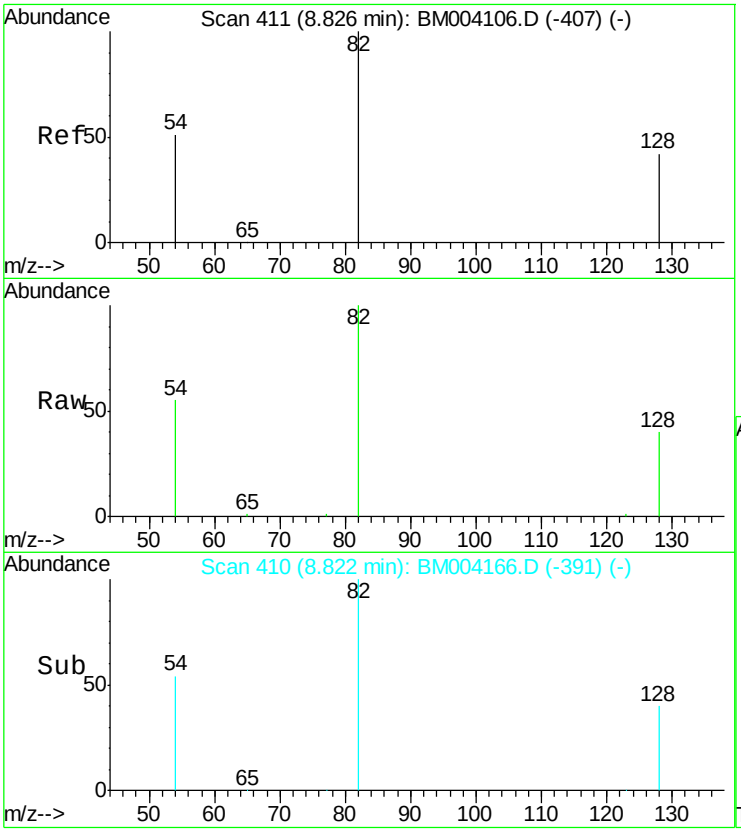


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 549
Delta R.T. -0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:136 Resp: 89224

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.9	2.8	4.2#
68	6.4	2.5	3.7#



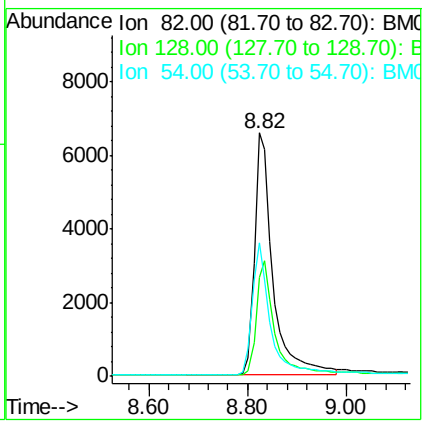


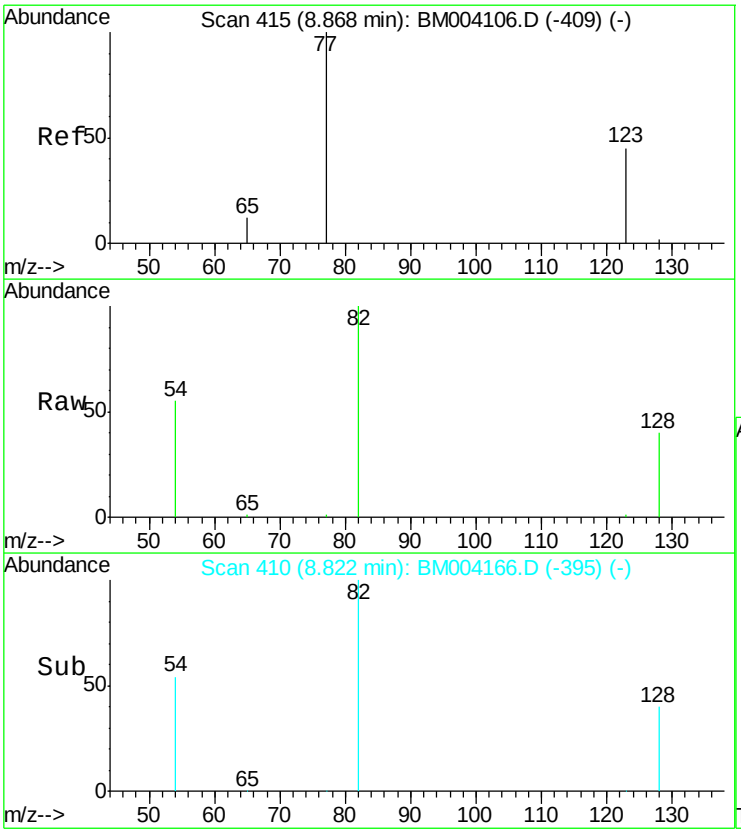
#8
Nitrobenzene-d5
Concen: 4.23 ng
RT: 8.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion: 82 Resp: 16517

Ion	Ratio	Lower	Upper
82	100		
128	40.4	39.1	58.7
54	54.9	34.8	52.2#

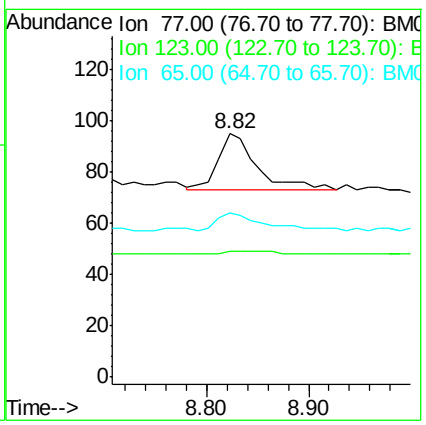


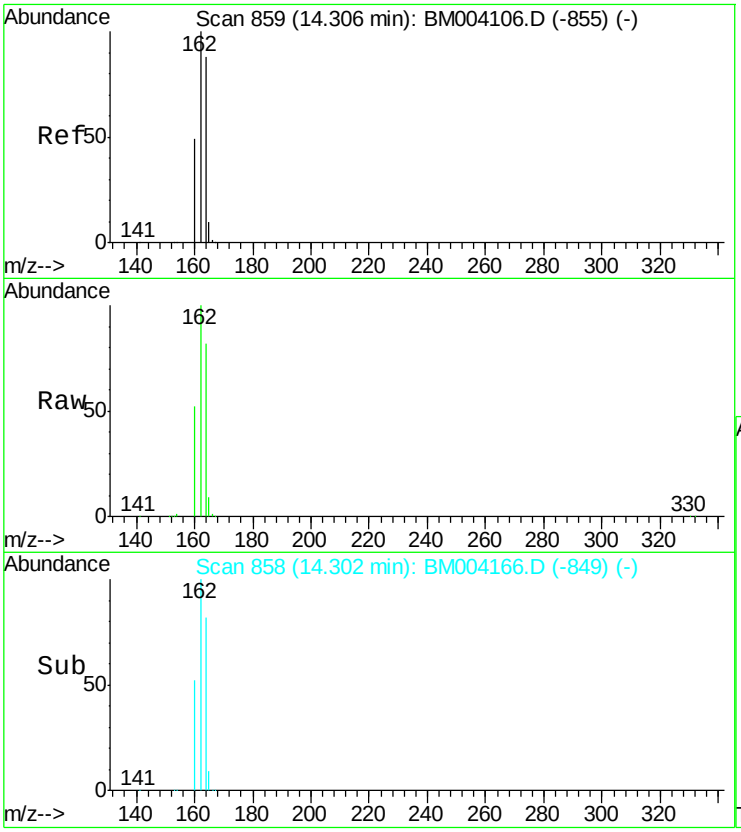


#9
Nitrobenzene
Concen: 0.23 ng
RT: 8.82 min Scan# 410
Delta R.T. -0.04 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion: 77 Resp: 58

Ion	Ratio	Lower	Upper
77	100		
123	5.2	38.6	57.8#
65	37.9	9.9	14.9#



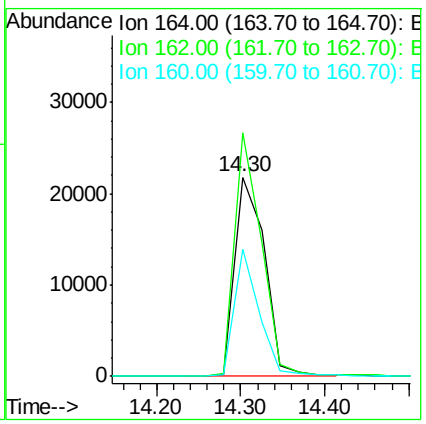


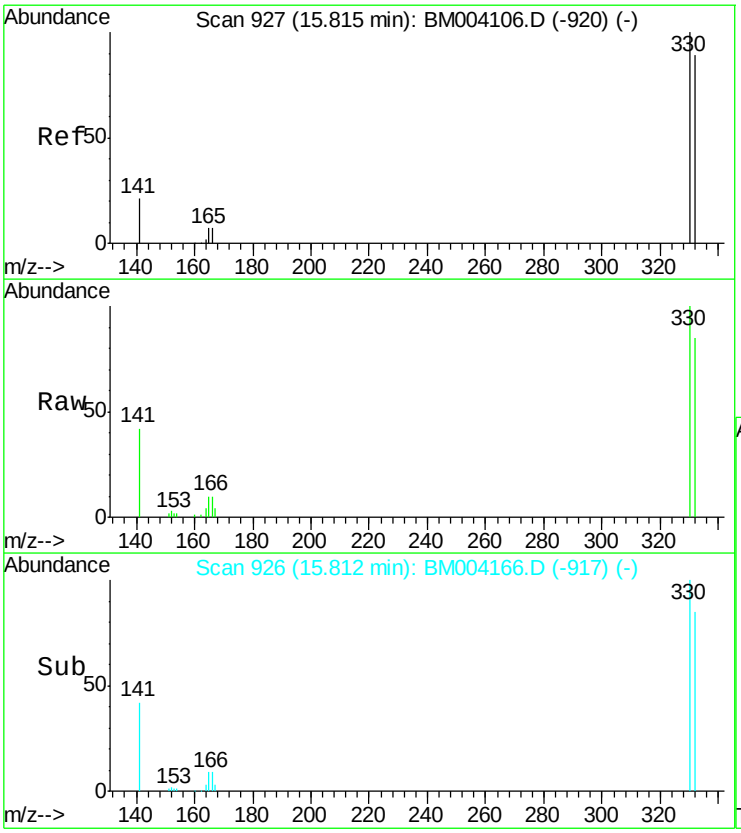
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.30 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:164 Resp: 52888

Ion	Ratio	Lower	Upper
164	100		
162	122.3	86.0	129.0
160	63.6	40.3	60.5#

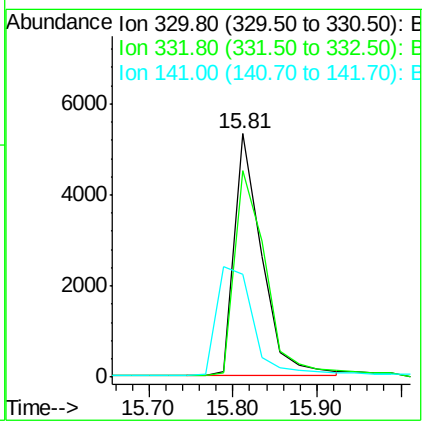


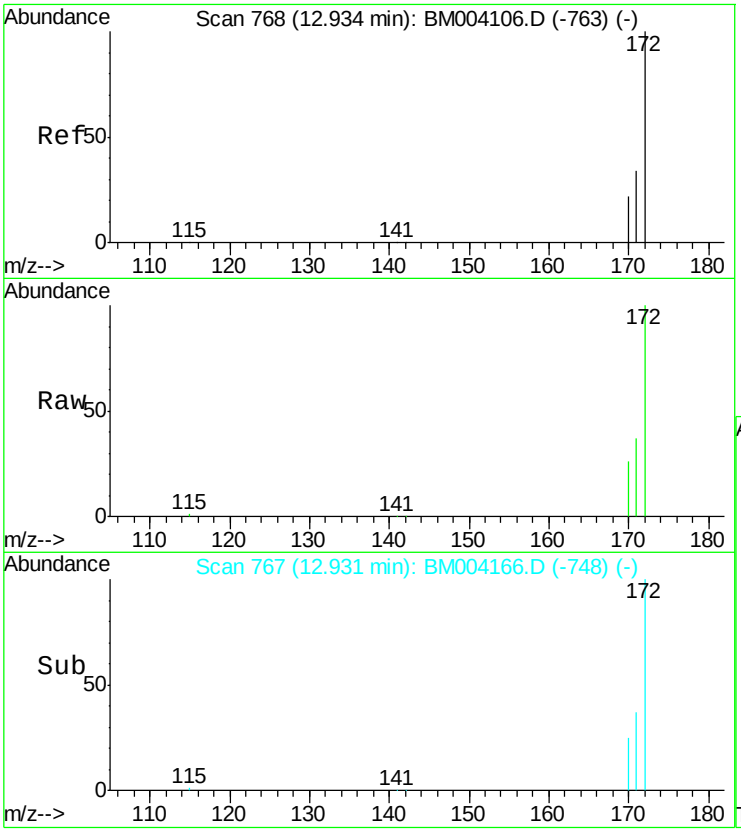


#14
2,4,6-Tribromophenol
Concen: 5.83 ng
RT: 15.81 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:330 Resp: 11926

Ion	Ratio	Lower	Upper
330	100		
332	94.6	79.0	118.4
141	0.0	27.8	41.6#



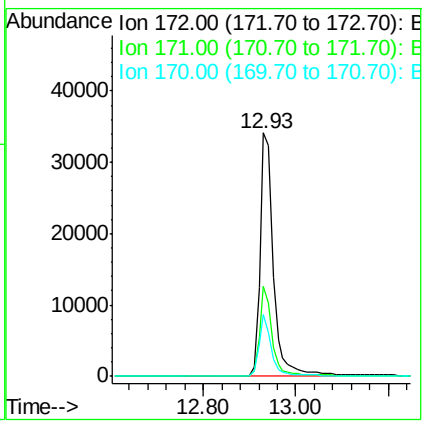


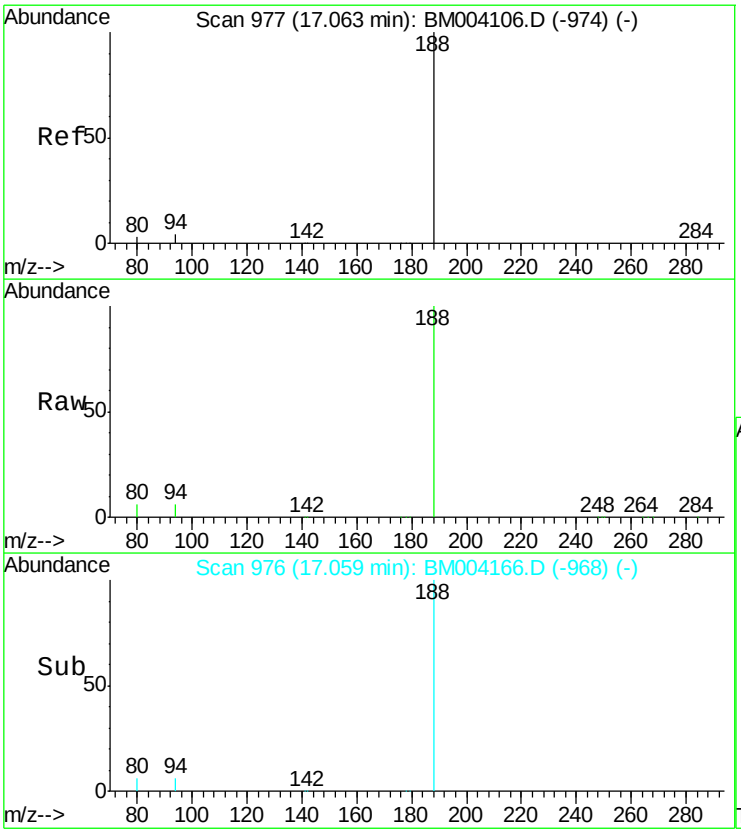
#15
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 12.93 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:172 Resp: 68035

Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.0	40.6
170	25.5	17.9	26.9

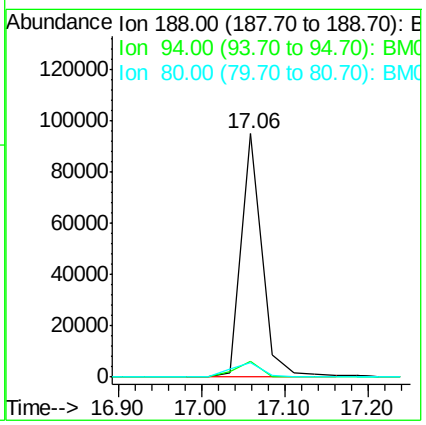


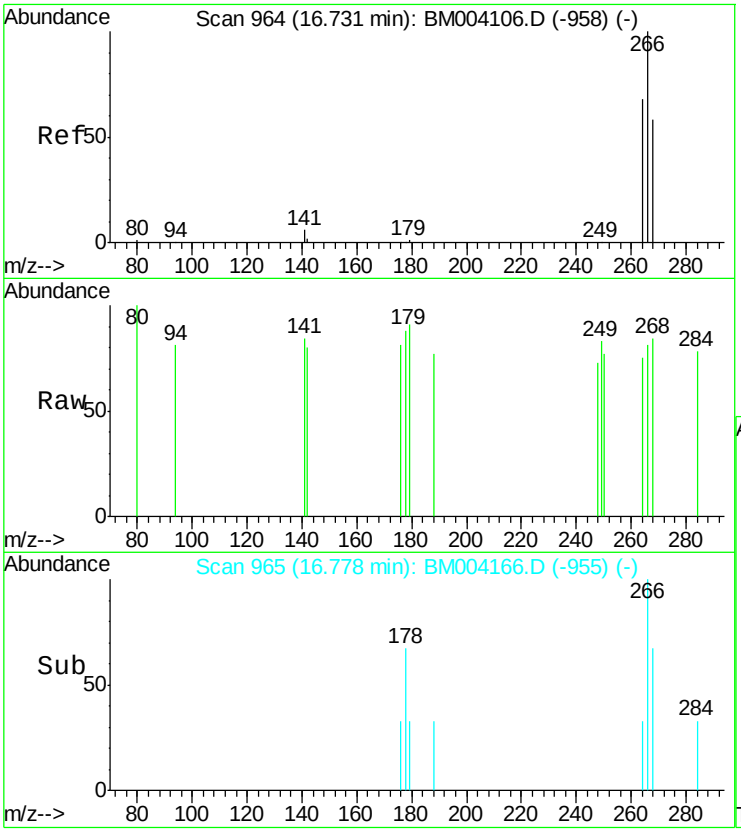


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:188 Resp: 166371

Ion	Ratio	Lower	Upper
188	100		
94	6.4	20.3	30.5#
80	5.9	22.2	33.4#



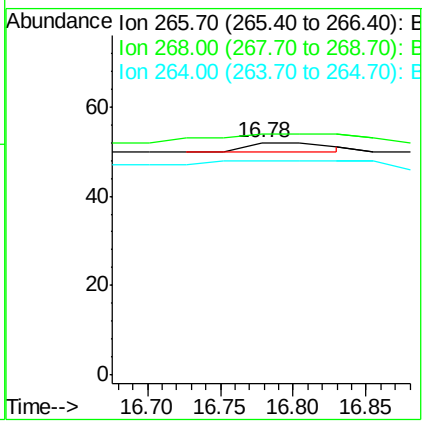


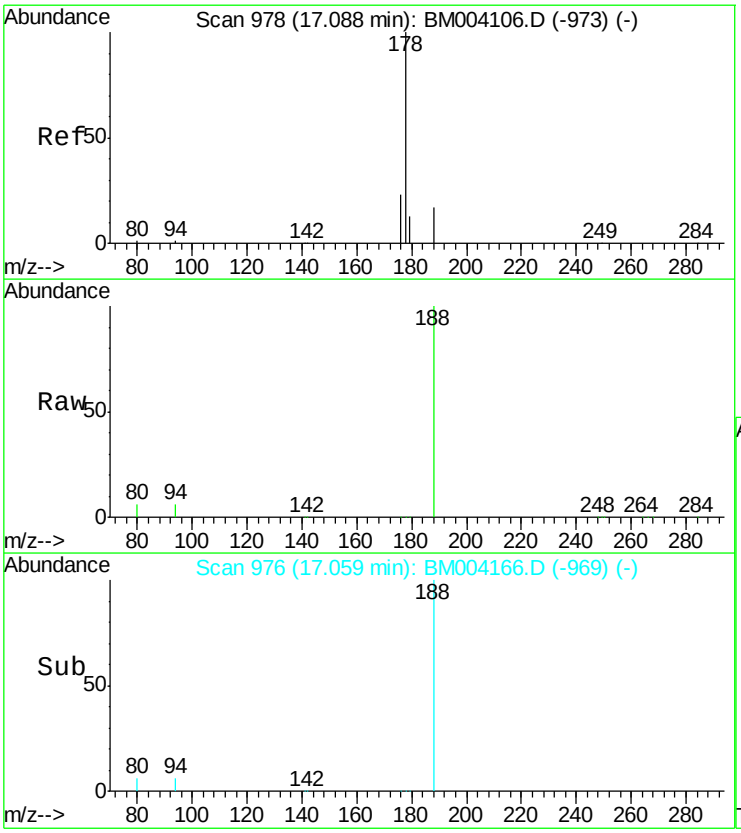
#22
Pentachlorophenol
Concen: 0.23 ng
RT: 16.78 min Scan# 965
Delta R.T. 0.05 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
268	103.8	62.7	94.1#
264	92.3	45.7	68.5#

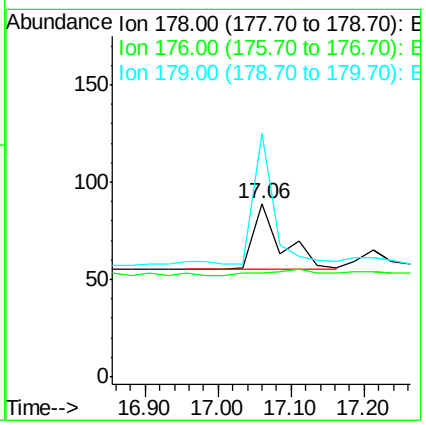


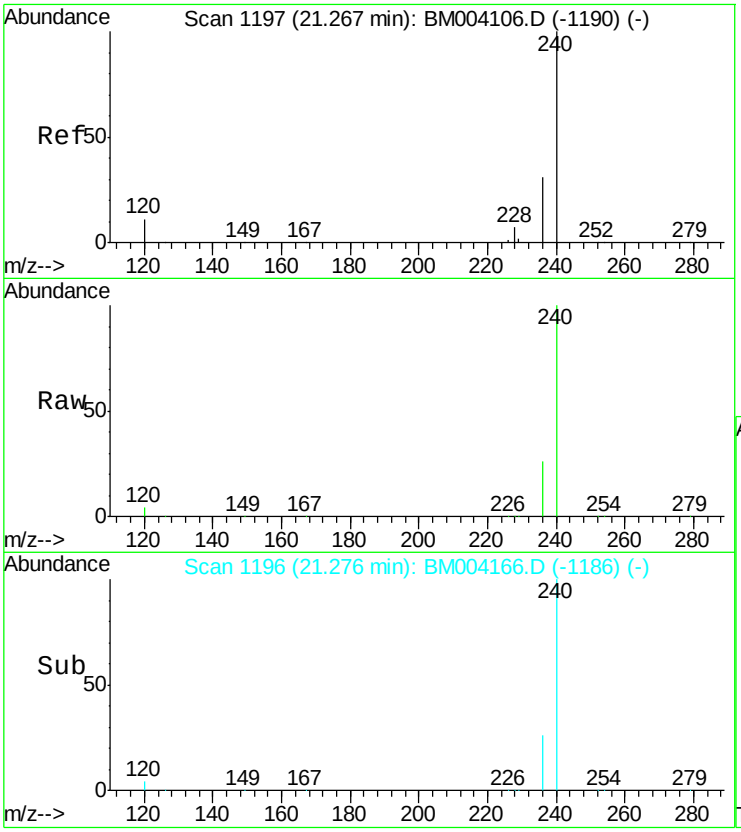


#23
Phenanthrene
Concen: Below Cal
RT: 17.06 min Scan# 976
Delta R.T. -0.03 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:178 Resp: 94

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	137.2	12.2	18.4#



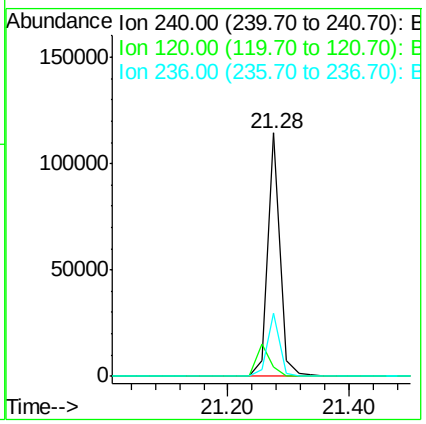


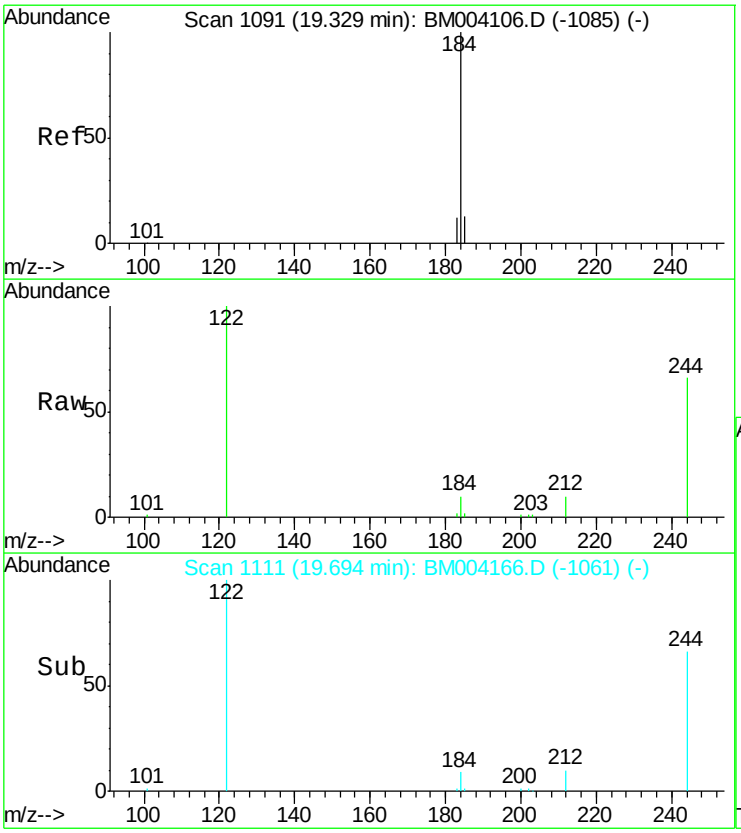
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:240 Resp: 162894

Ion	Ratio	Lower	Upper
240	100		
120	3.7	0.9	1.3#
236	25.8	17.3	25.9

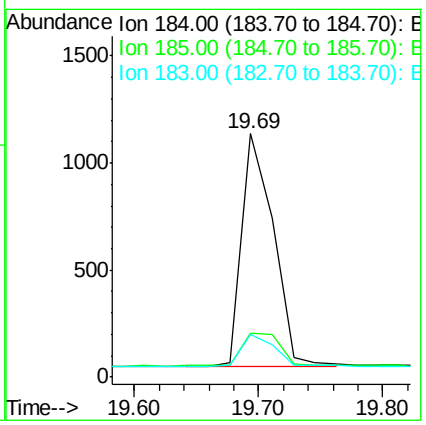


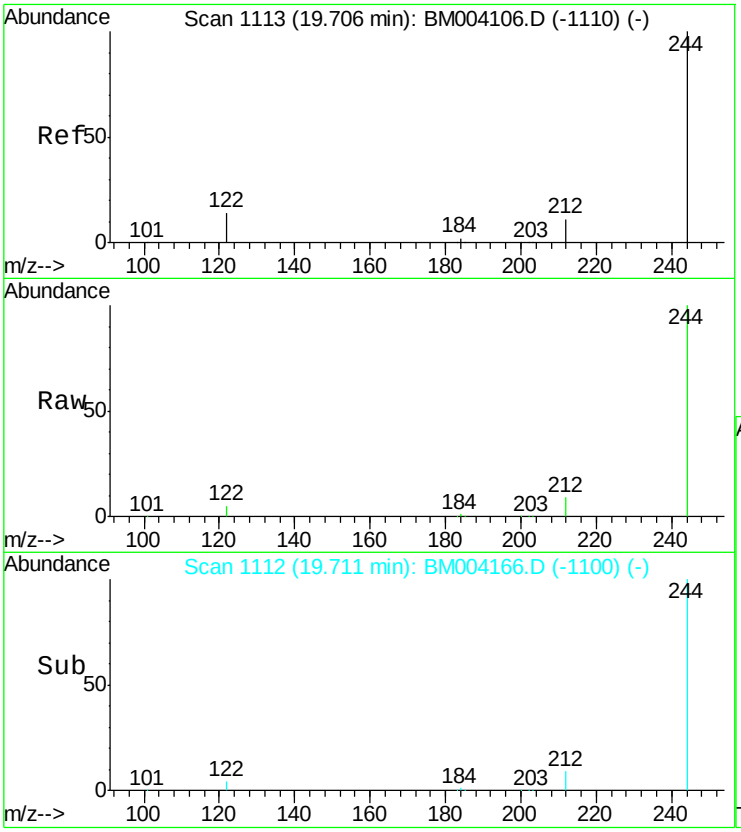


#27
Benzidine
Concen: 0.37 ng
RT: 19.69 min Scan# 1111
Delta R.T. 0.37 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:184 Resp: 1921

Ion	Ratio	Lower	Upper
184	100		
185	18.0	13.2	19.8
183	17.5	9.0	13.6#



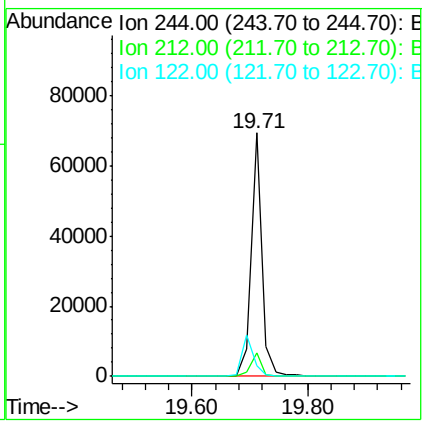


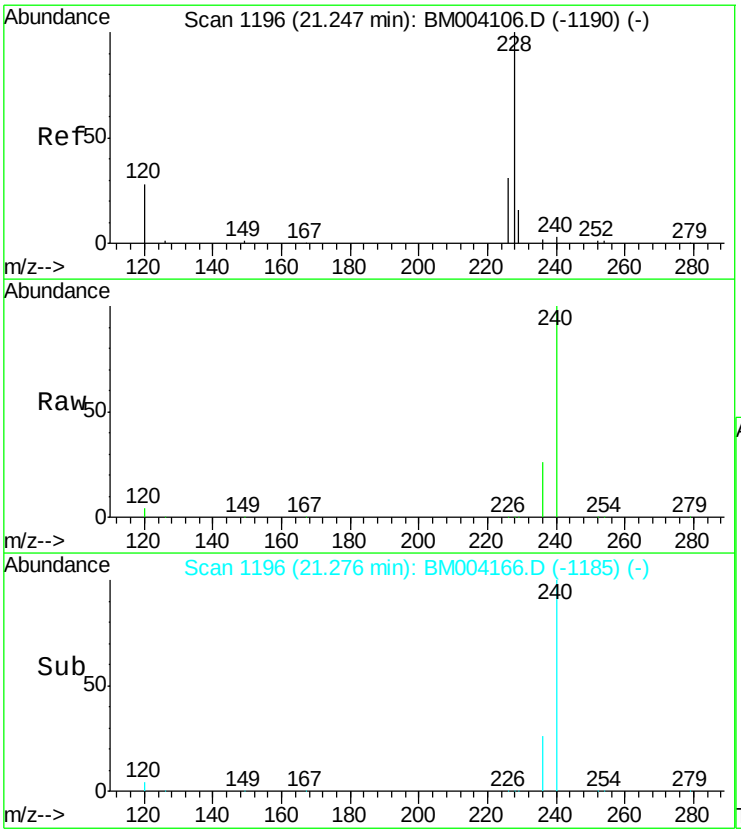
#29
Terphenyl-d14
Concen: 4.38 ng
RT: 19.71 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:244 Resp: 90694

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	4.5	3.0	4.6

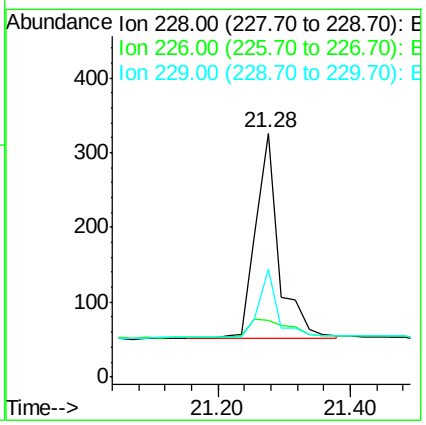


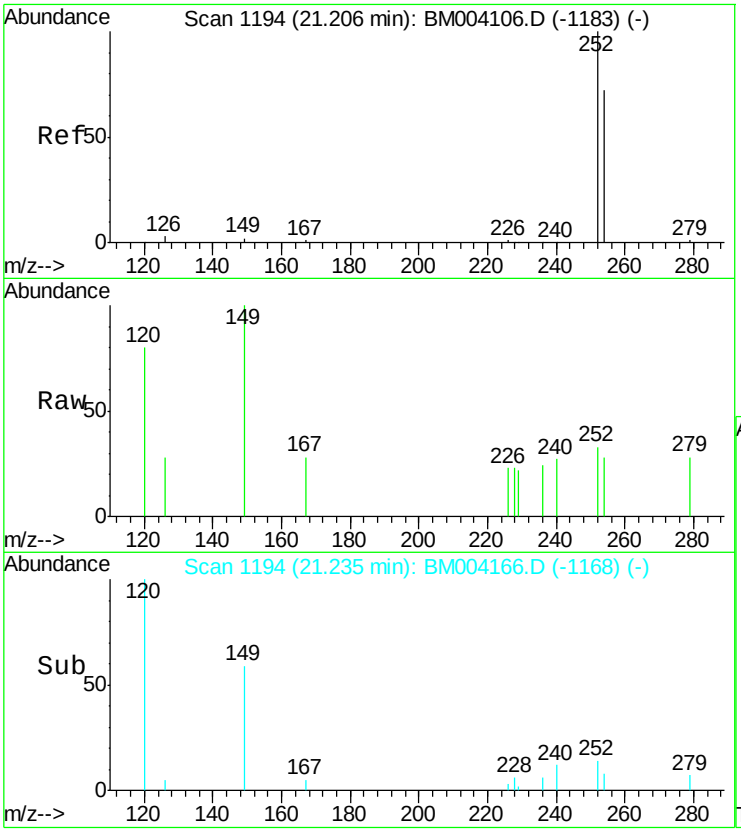


#30
Benzo(a)anthracene
Concen: Below Cal
RT: 21.28 min Scan# 1196
Delta R.T. 0.03 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:228 Resp: 682

Ion	Ratio	Lower	Upper
228	100		
226	23.3	17.2	25.8
229	44.2	18.7	28.1#



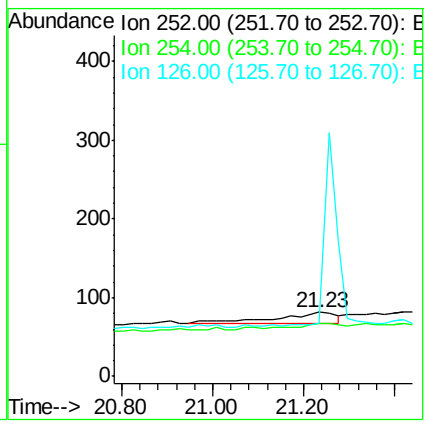


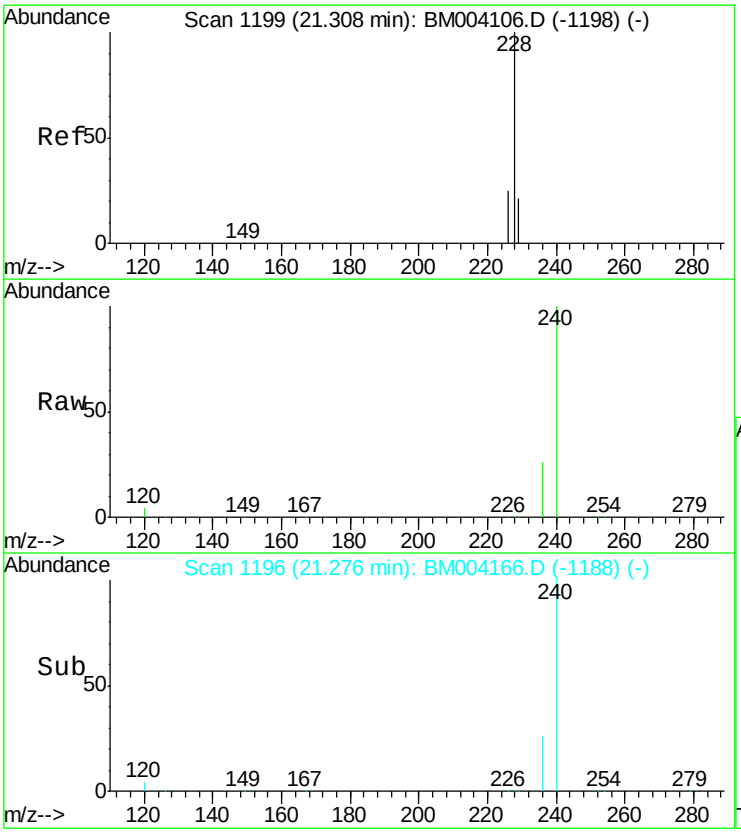
#31
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 21.23 min Scan# 1194
Delta R.T. 0.03 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:252 Resp: 119

Ion	Ratio	Lower	Upper
252	100		
254	82.9	52.6	79.0#
126	82.9	3.7	5.5#

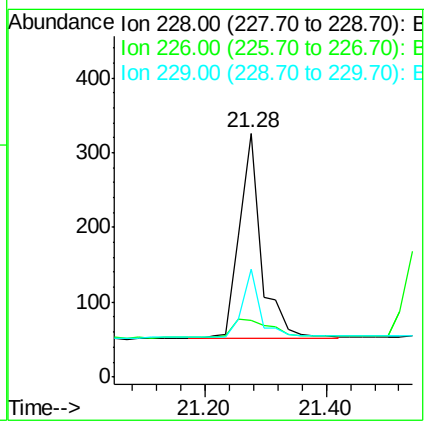


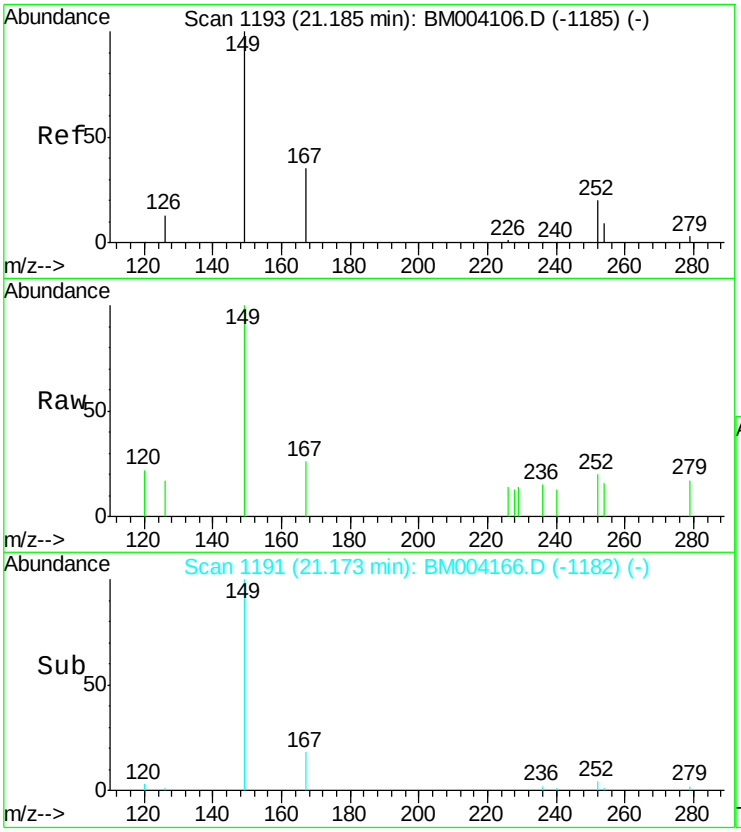


#32
Chrysene
Concen: Below Cal
RT: 21.28 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:228 Resp: 690

Ion	Ratio	Lower	Upper
228	100		
226	23.3	25.3	37.9#
229	44.2	14.5	21.7#



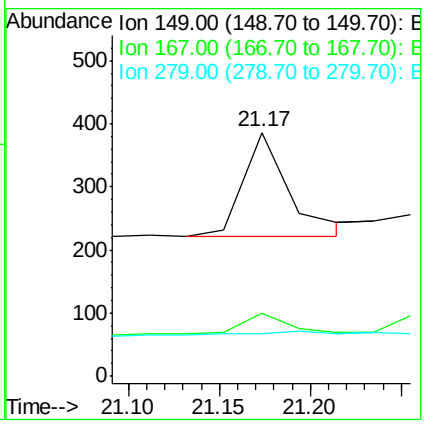


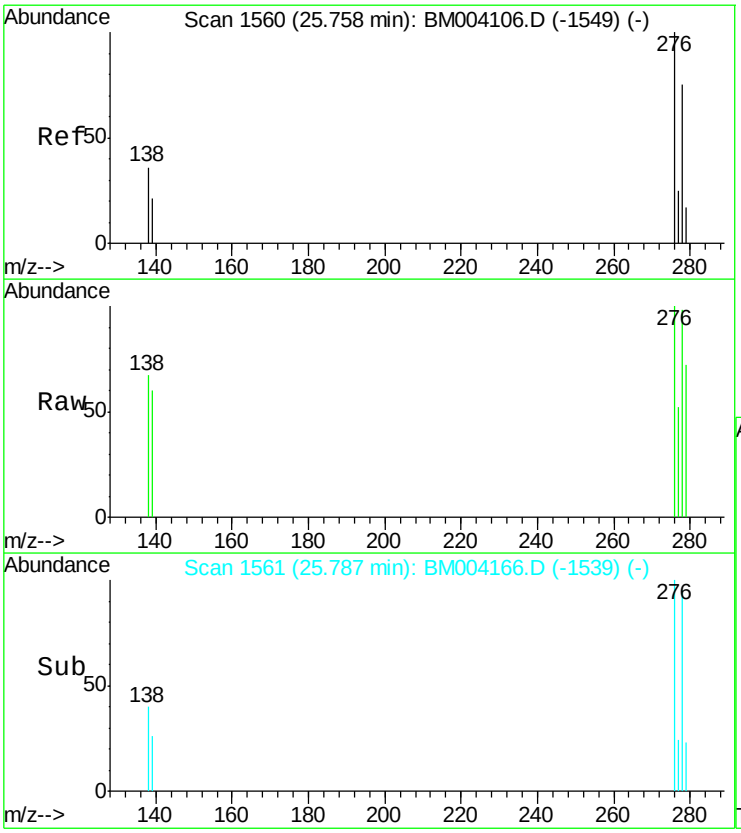
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.17 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:149 Resp: 285

Ion	Ratio	Lower	Upper
149	100		
167	22.5	20.1	30.1
279	0.0	1.8	2.6#

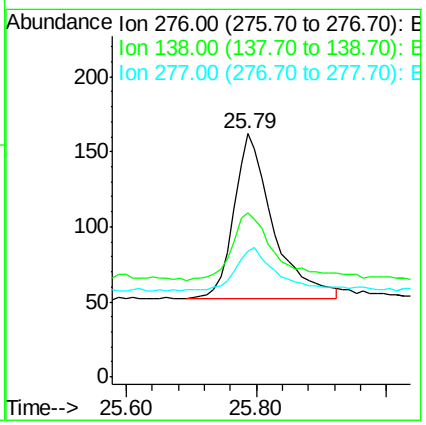


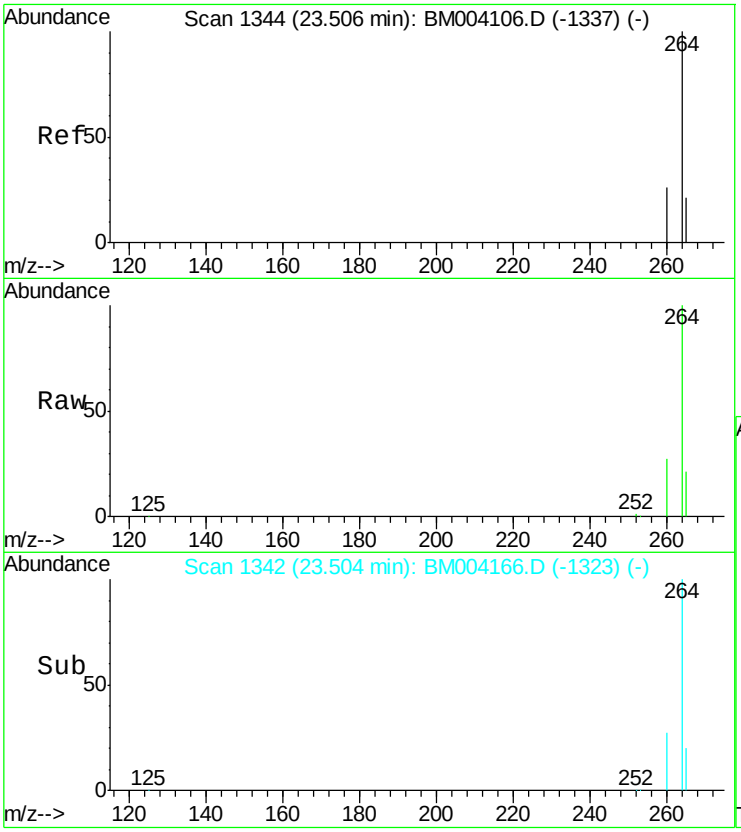


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.79 min Scan# 1561
Delta R.T. 0.03 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Tgt Ion:276 Resp: 462

Ion	Ratio	Lower	Upper
276	100		
138	44.4	30.2	45.2
277	27.9	19.8	29.8





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.50 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BM004166.D
Acq: 02 Feb 2016 16:34

Instrument :
BNA_M
ClientSampleId :
PB88134BL

Tgt Ion:264 Resp: 134814

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	20.9	16.7	25.1