Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020216\
Data File : BM004170.D
Acq On : 02 Feb 2016 18:58
Operator : SJ/IZ
Sample : H1314-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WELDON-WC-SC-018MSD

Quant Time: Feb 03 01:14:27 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	23979	5.00	ng		0.00
7) Naphthalene-d8	10.44	136	108255	5.00	ng		0.00
13) Acenaphthene-d10	14.31	164	63792	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	151676	5.00	ng		0.00
26) Chrysene-d12	21.27	240	173934	5.00	ng		0.00
35) Perylene-d12	23.51	264	156471	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	42916	8.58	ng		-0.02
5) Phenol-d6	6.83	99	62488	10.35	ng		-0.02
8) Nitrobenzene-d5	8.82	82	27933	5.89	ng		-0.01
14) 2,4,6-Tribromophenol	15.82	330	21953	8.74	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	93330	4.77	ng		0.00
29) Terphenyl-d14	19.71	244	108236	4.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	7734	3.55	ng		97
3) n-Nitrosodimethylamine	3.48	42	10153	4.75	ng		94
6) bis(2-Chloroethyl)ether	7.09	93	26212	4.68	ng		100
9) Nitrobenzene	8.86	77	29710	4.42	ng		97
10) Naphthalene	10.49	128	109831	4.35	ng		96
11) Hexachlorobutadiene	10.79	225	16657	4.28	ng		99
12) 2-Methylnaphthalene	12.11	142	80093	4.86	ng		91
16) Acenaphthylene	14.02	152	144060	5.23	ng		100
17) Acenaphthene	14.37	154	84716	4.06	ng		97
18) Fluorene	15.37	166	107916	4.26	ng		99
20) 4-Bromophenyl-phenylether	16.24	248	31285	6.33	ng	#	79
21) Hexachlorobenzene	16.37	284	30273	5.83	ng	#	73
22) Pentachlorophenol	16.73	266	26281	10.33	ng		93
23) Phenanthrene	17.09	178	177580	6.09	ng		98
24) Anthracene	17.19	178	201220	5.81	ng		99
25) Fluoranthene	19.14	202	224751	5.47	ng		99
27) Benzidine	19.33	184	112165	7.22	ng		98
28) Pyrene	19.50	202	247220	5.14	ng		99
30) Benzo(a)anthracene	21.25	228	246570m	4.85	ng		
31) 3,3'-Dichlorobenzidine	21.19	252	78835	5.46	ng	#	79
32) Chrysene	21.31	228	210682m	4.82	ng		
33) Bis(2-ethylhexyl)phthalate	21.16	149	150774	5.81	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.75	276	220314	4.22	ng		99
36) Benzo(b)fluoranthene	22.83	252	230477	4.75	ng		96
37) Benzo(k)fluoranthene	22.87	252	219807	5.00	ng		97
38) Benzo(a)pyrene	23.40	252	216167	5.06	ng		98
39) Dibenzo(a,h)anthracene	25.76	278	176970	4.61	ng		97
40) Benzo(g,h,i)perylene	26.44	276	182407	4.35	ng		99

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

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Data File : BM004170.D
Acq On : 02 Feb 2016 18:58
Operator : SJ/IZ
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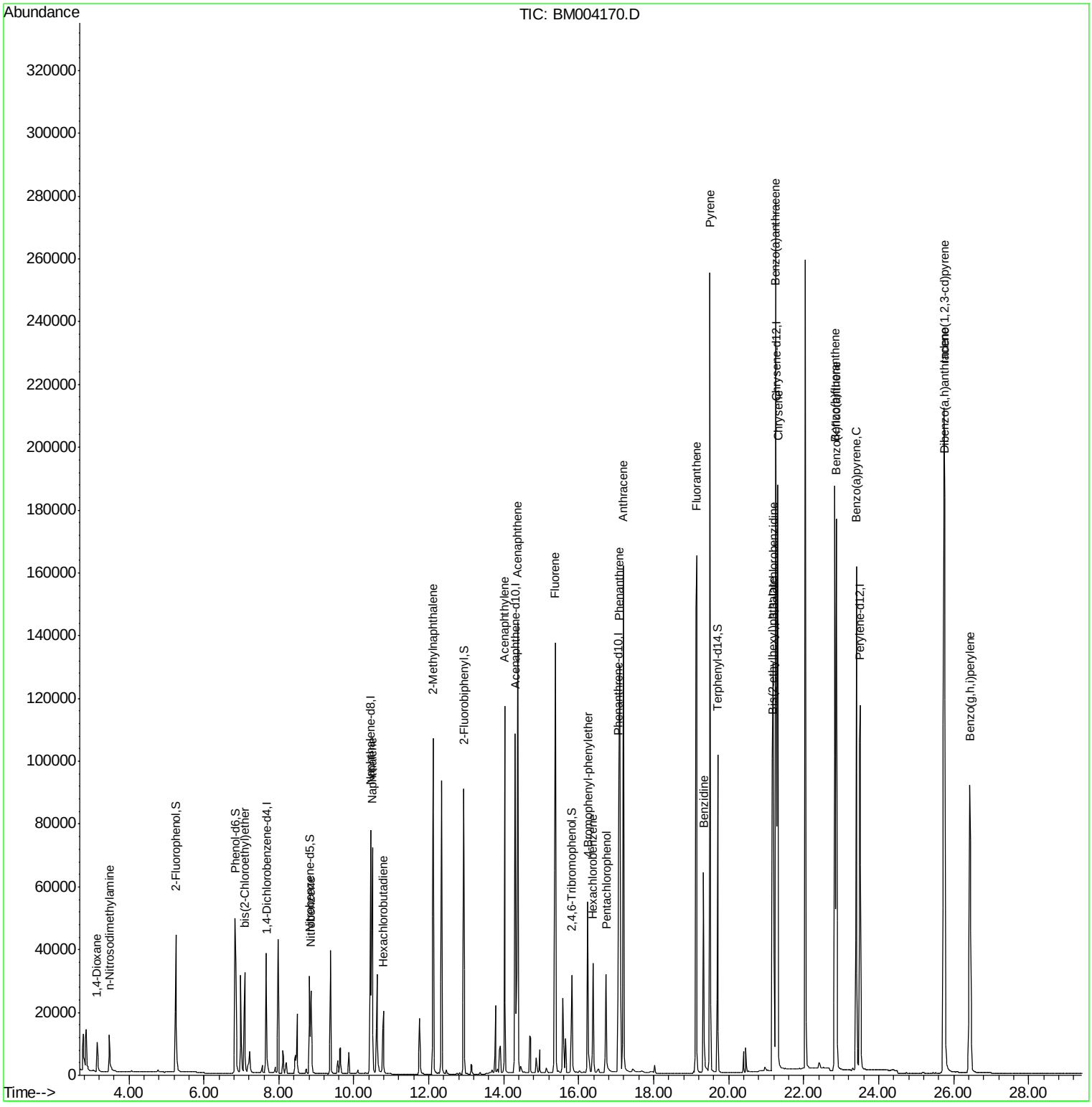
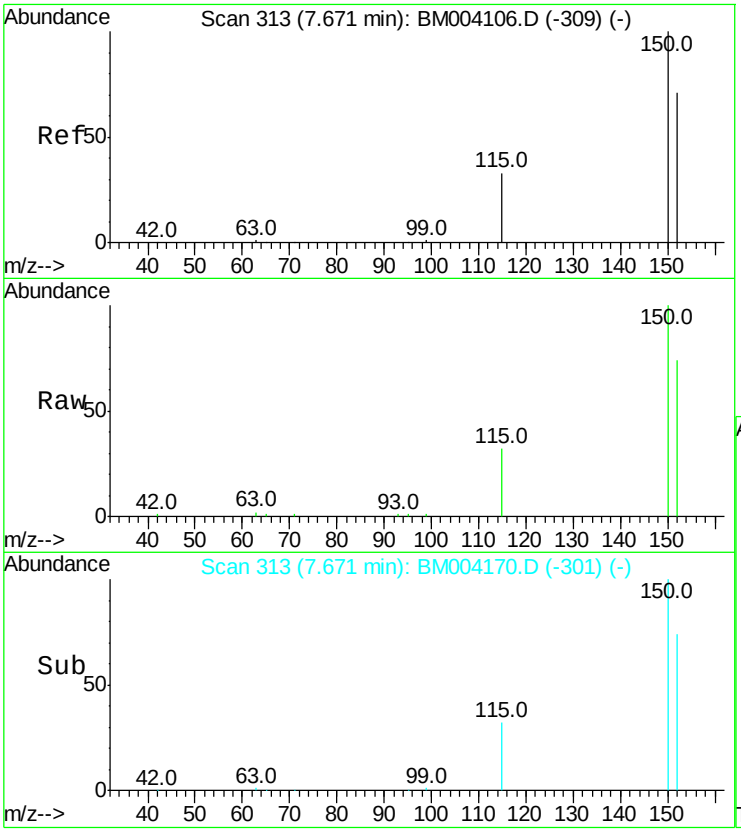
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Quant Time: Feb 03 01:14:27 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



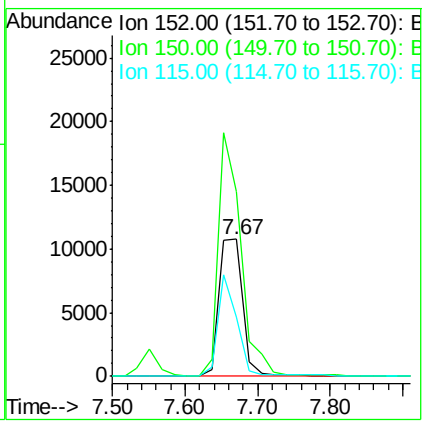


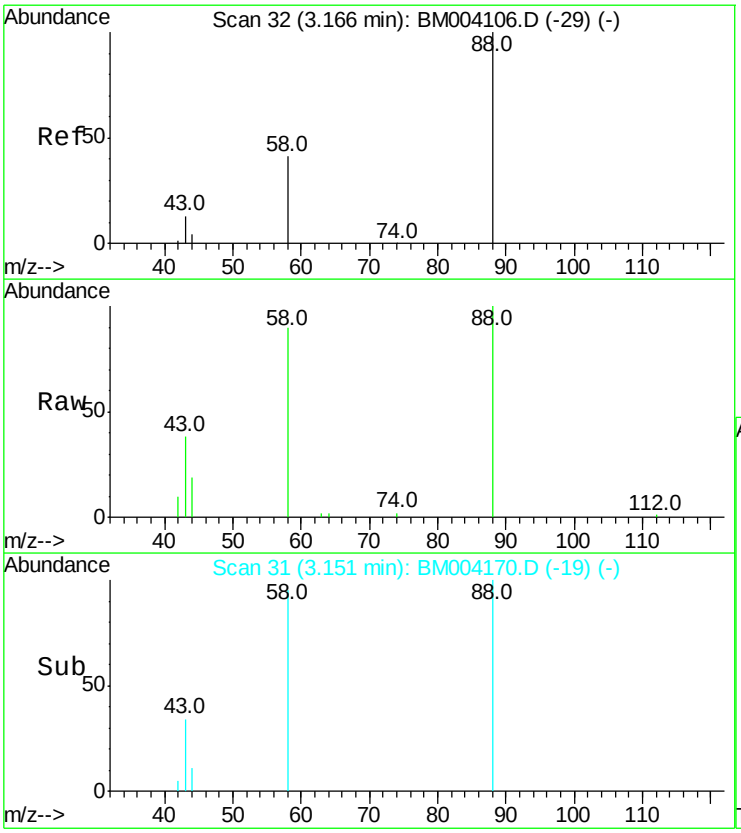
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:152 Resp: 23979

Ion	Ratio	Lower	Upper
152	100		
150	134.7	122.9	184.3
115	43.5	44.4	66.6#

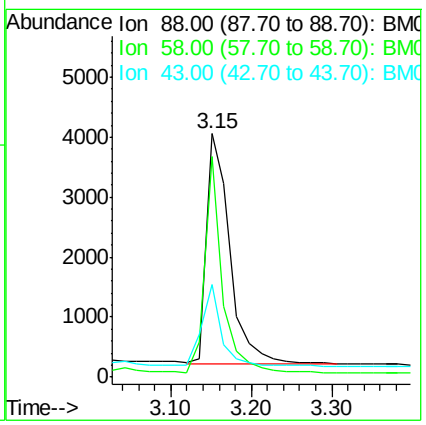


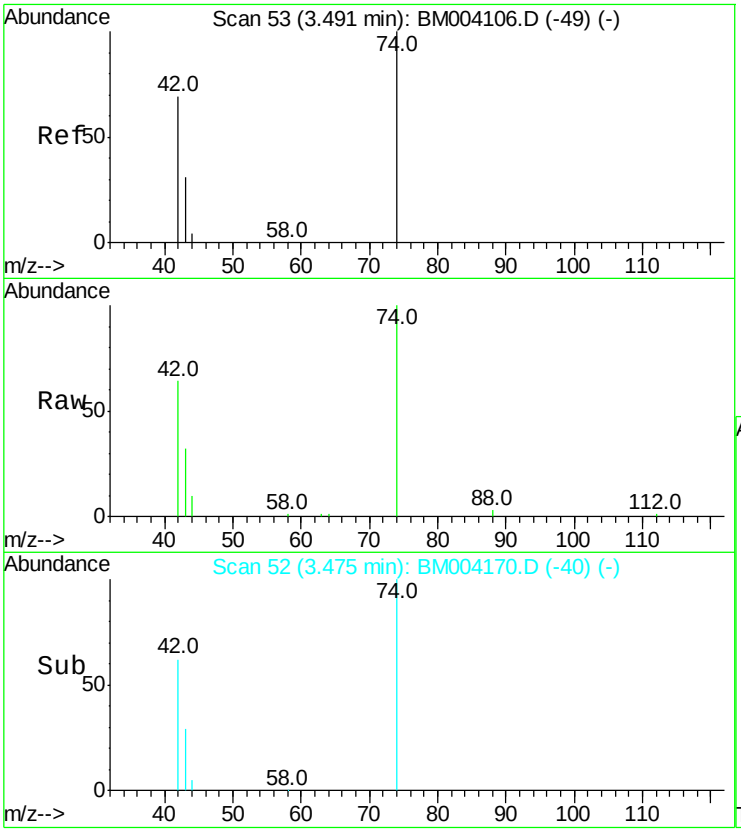


#2
1,4-Dioxane
Concen: 3.55 ng
RT: 3.15 min Scan# 31
Delta R.T. -0.02 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion: 88 Resp: 7734

Ion	Ratio	Lower	Upper
88	100		
58	70.5	53.8	80.6
43	28.7	23.8	35.6



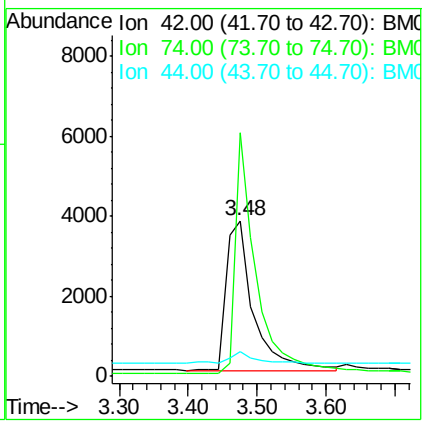


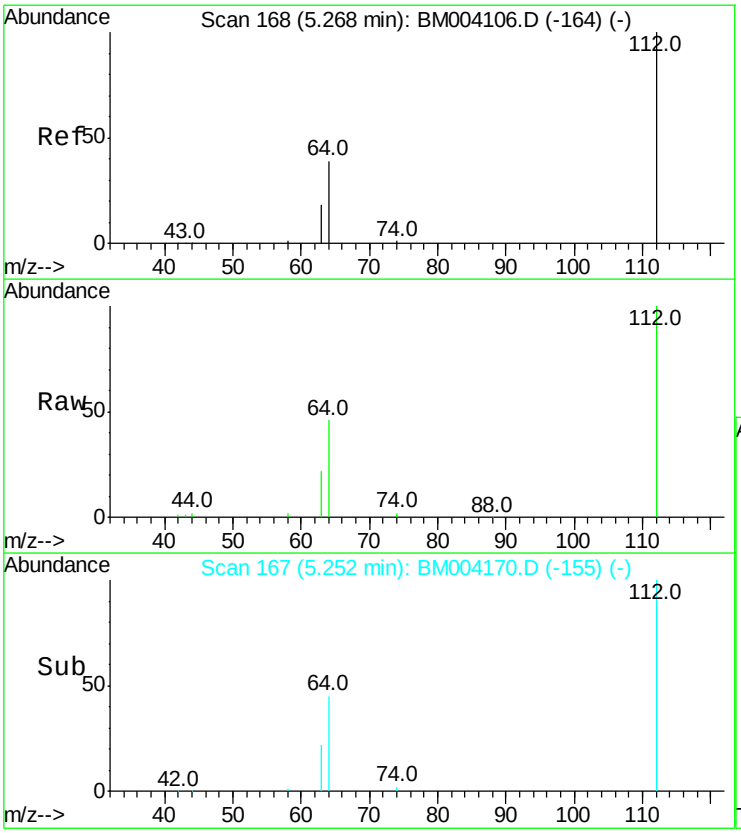
#3
n-Nitrosodimethylamine
Concen: 4.75 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion: 42 Resp: 10153

Ion	Ratio	Lower	Upper
42	100		
74	125.8	95.0	142.4
44	7.0	5.1	7.7

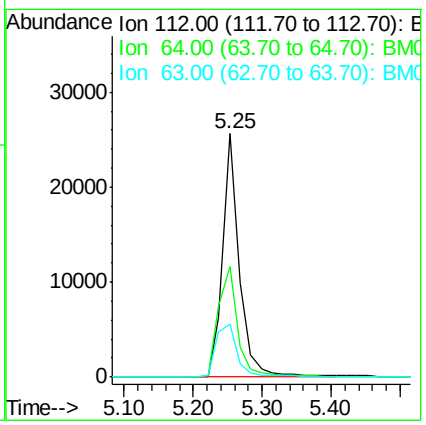


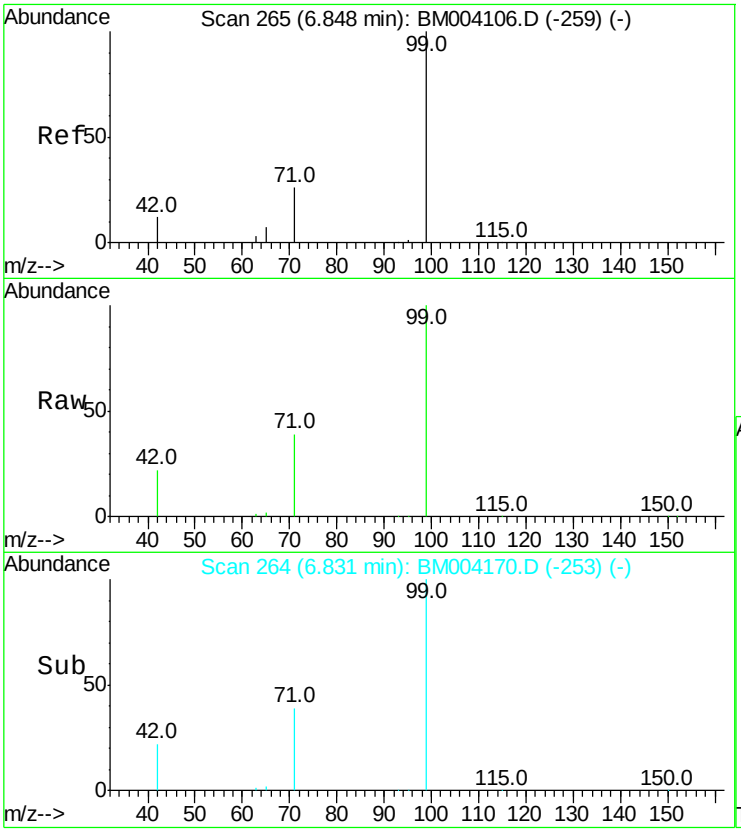


#4
2-Fluorophenol
Concen: 8.58 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:112 Resp: 42916

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.8	62.8
63	27.3	22.1	33.1



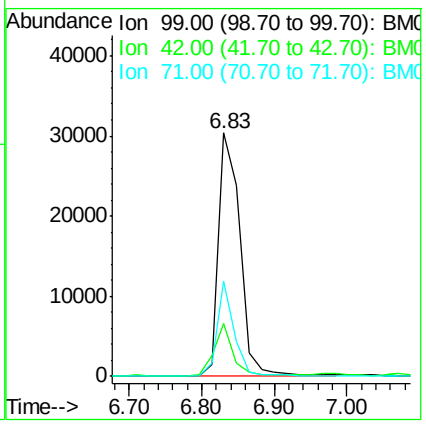


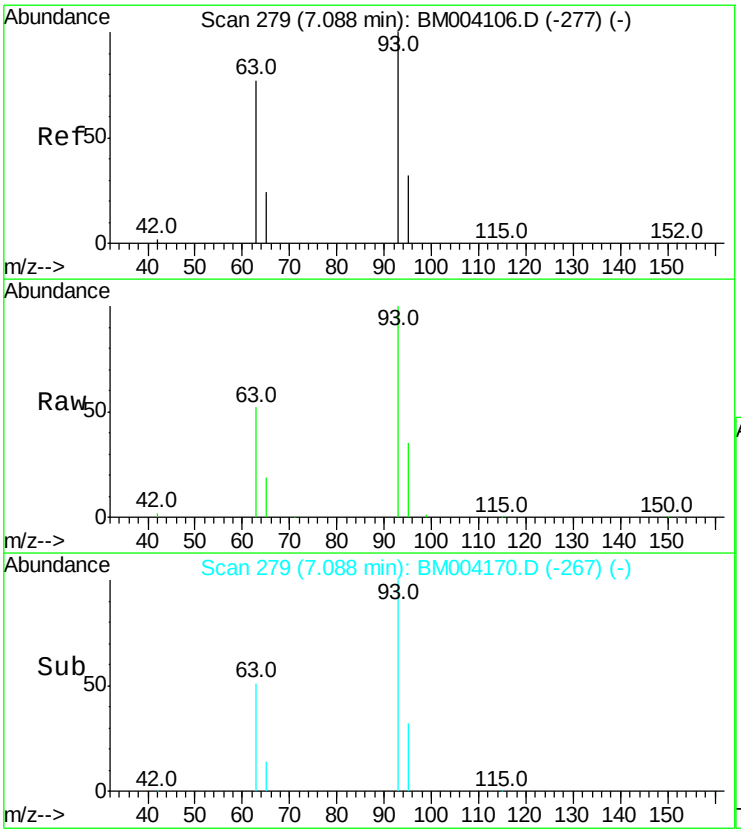
#5
Phenol-d6
Concen: 10.35 ng
RT: 6.83 min Scan# 264
Delta R.T. -0.02 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion: 99 Resp: 62488

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.2	24.2
71	31.3	24.4	36.6

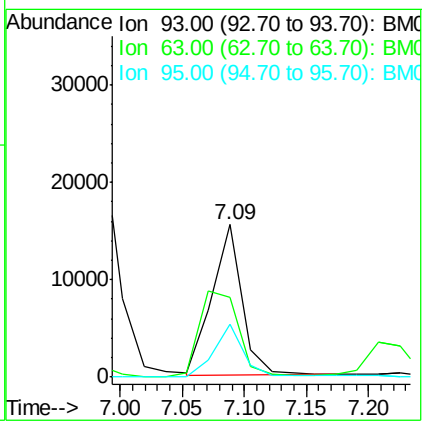


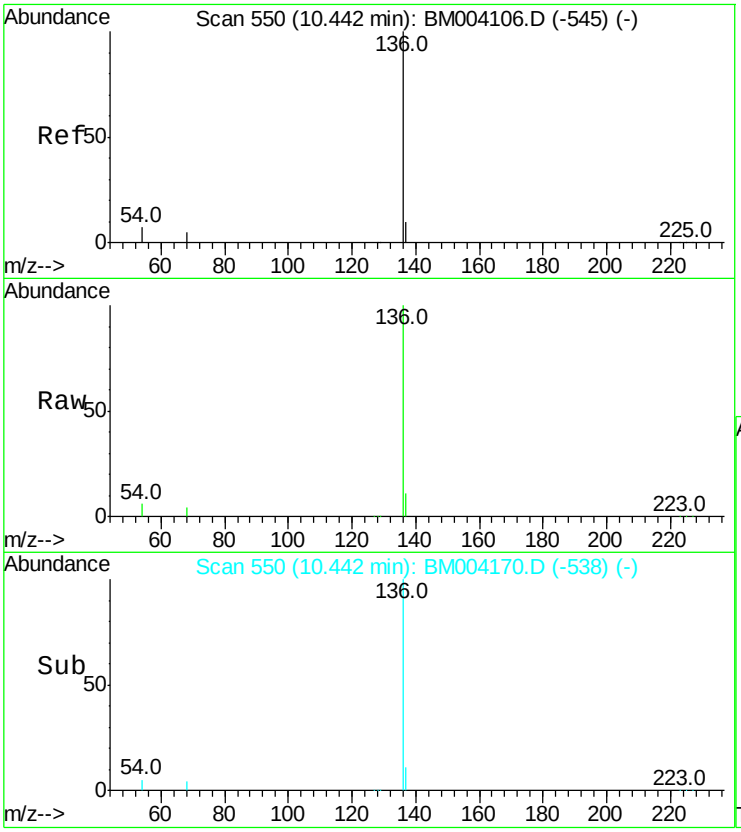


#6
bis(2-Chloroethyl)ether
Concen: 4.68 ng
RT: 7.09 min Scan# 279
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion: 93 Resp: 26212

Ion	Ratio	Lower	Upper
93	100		
63	73.0	58.3	87.5
95	32.9	25.8	38.8



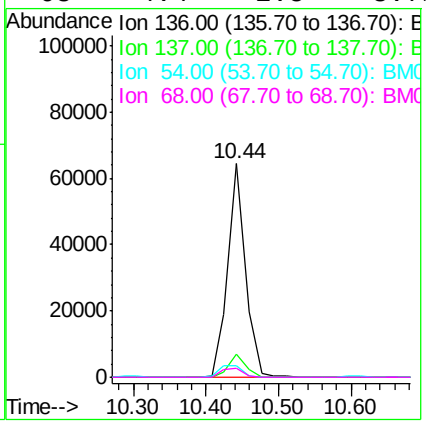


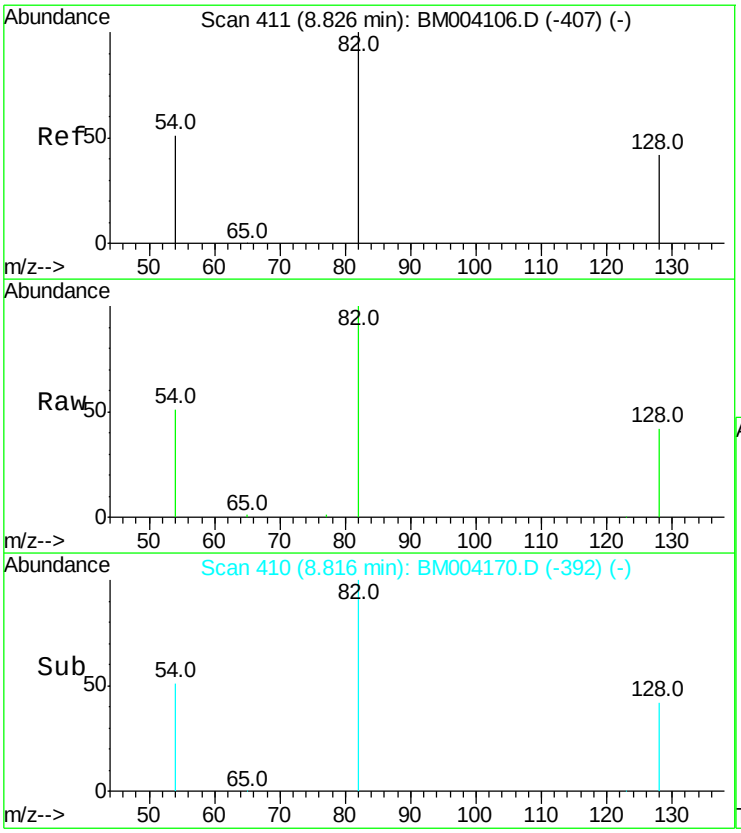
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:136 Resp: 108255

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.6	2.8	4.2#
68	4.4	2.5	3.7#

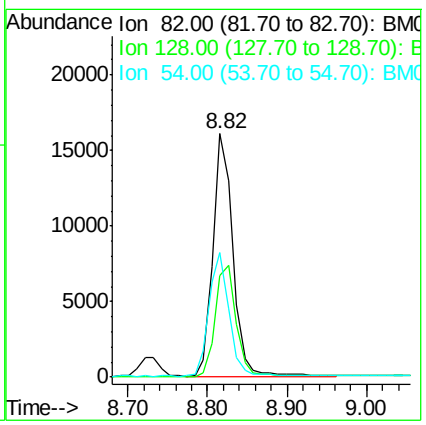


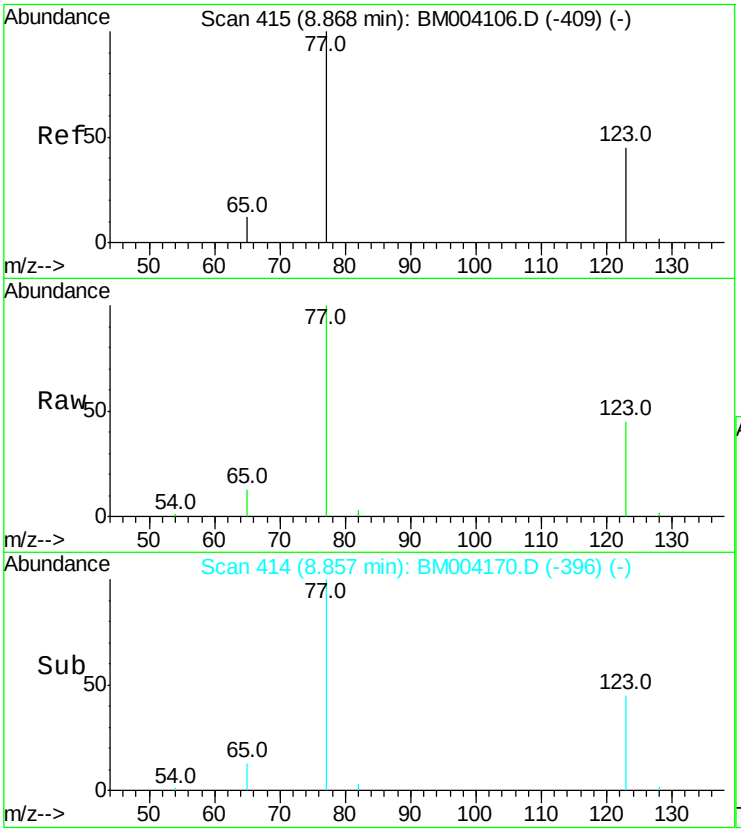


#8
Nitrobenzene-d5
Concen: 5.89 ng
RT: 8.82 min Scan# 410
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion: 82 Resp: 27933

Ion	Ratio	Lower	Upper
82	100		
128	41.8	39.1	58.7
54	51.4	34.8	52.2



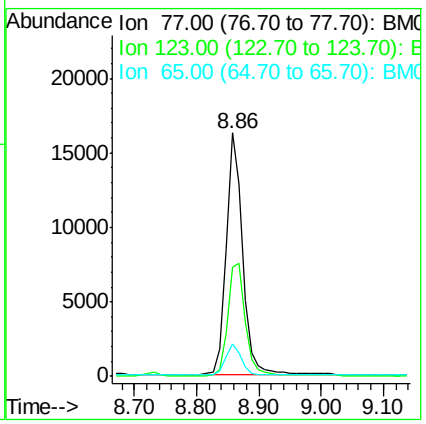


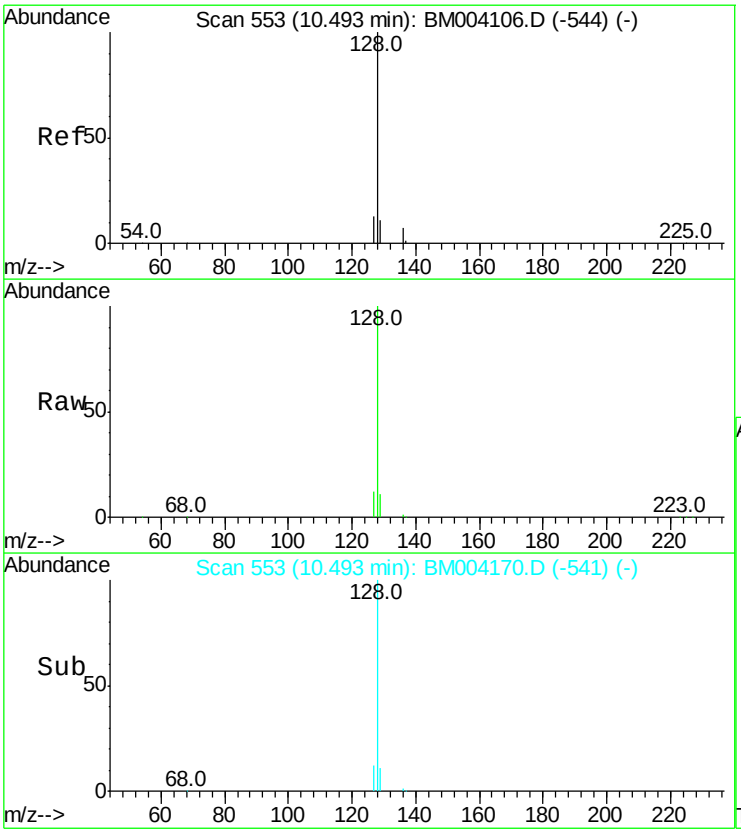
#9
Nitrobenzene
Concen: 4.42 ng
RT: 8.86 min Scan# 414
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion: 77 Resp: 29710

Ion	Ratio	Lower	Upper
77	100		
123	50.4	38.6	57.8
65	12.9	9.9	14.9

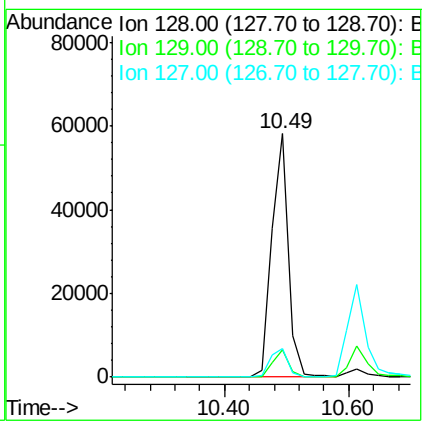


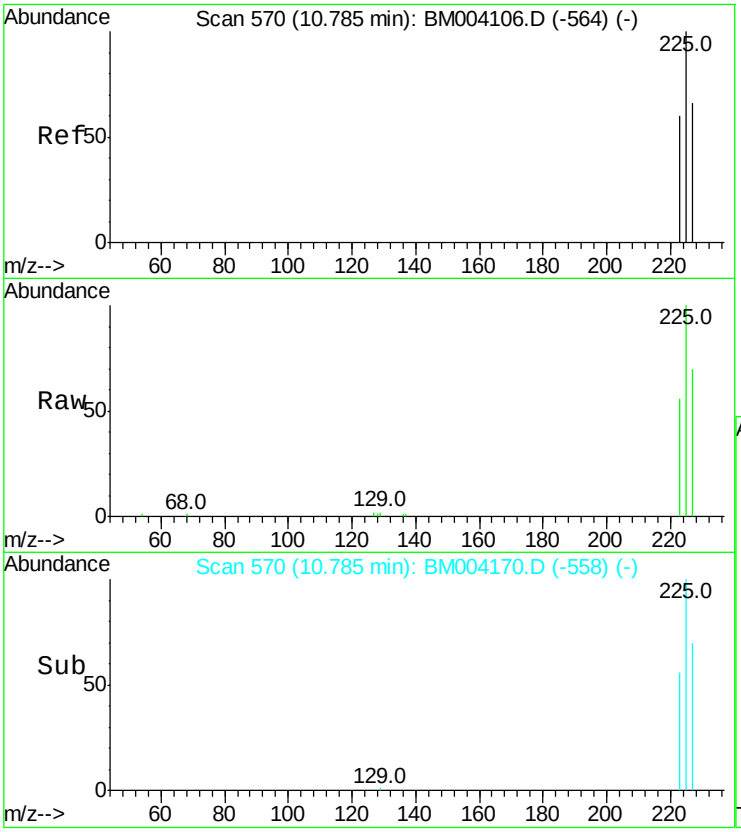


#10
Naphthalene
Concen: 4.35 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:128 Resp: 109831

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	11.9	11.0	16.4



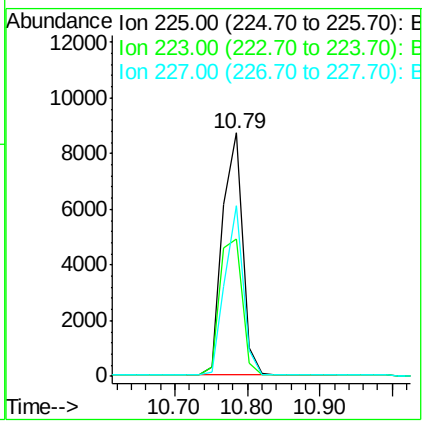


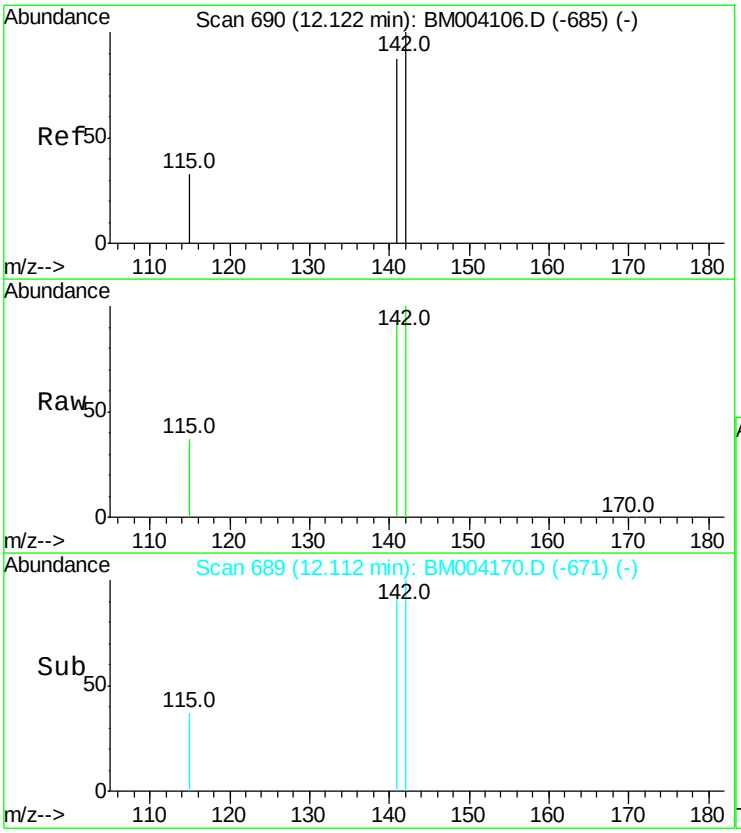
#11
Hexachlorobutadiene
Concen: 4.28 ng
RT: 10.79 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:225 Resp: 16657

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	63.8	51.2	76.8

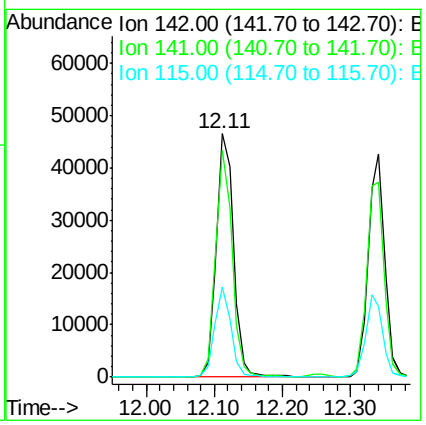


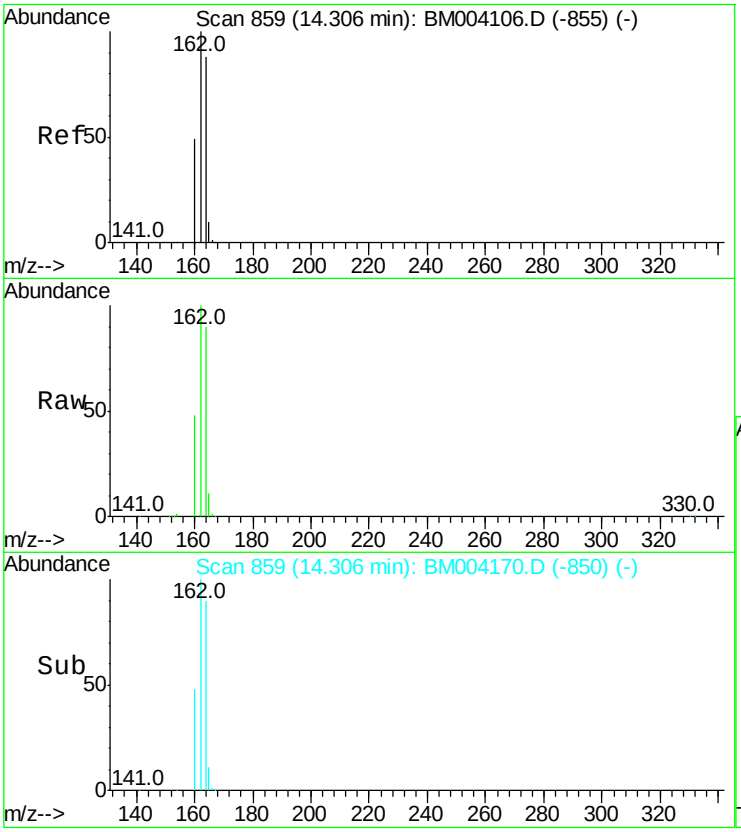


#12
2-Methylnaphthalene
Concen: 4.86 ng
RT: 12.11 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:142 Resp: 80093

Ion	Ratio	Lower	Upper
142	100		
141	93.1	67.8	101.8
115	37.1	25.3	37.9



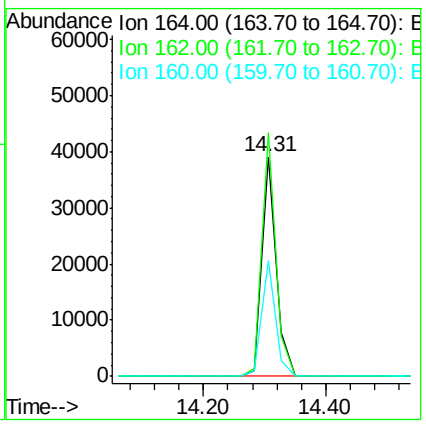


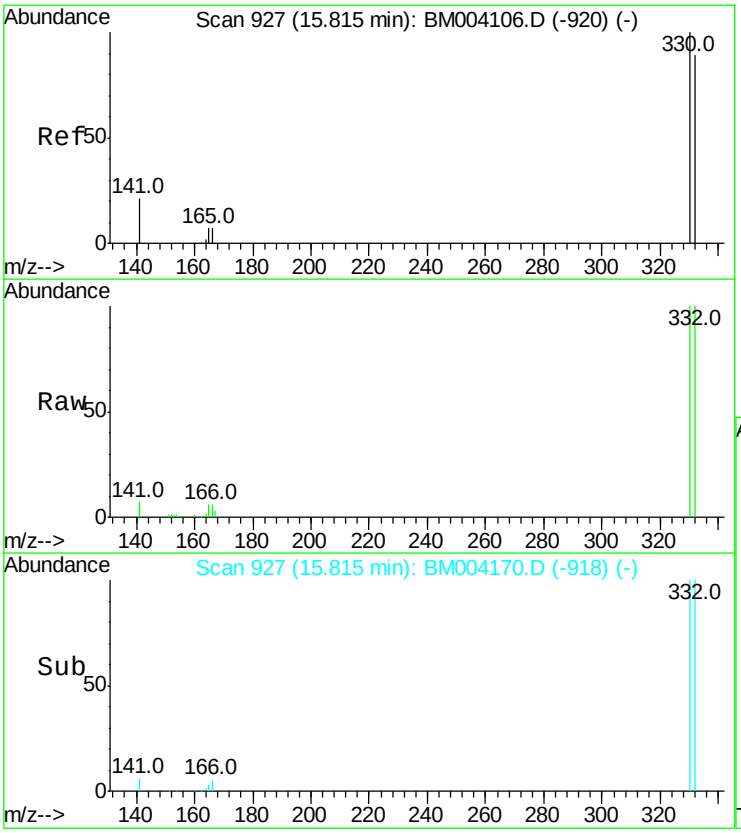
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:164 Resp: 63792

Ion	Ratio	Lower	Upper
164	100		
162	110.8	86.0	129.0
160	52.7	40.3	60.5

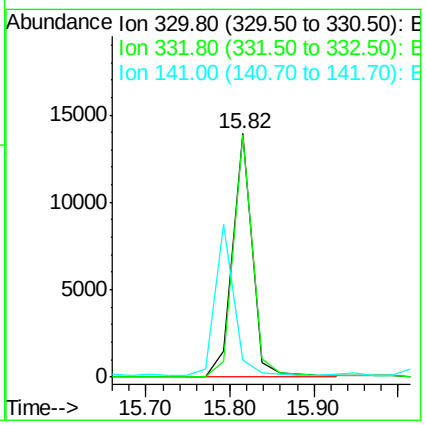


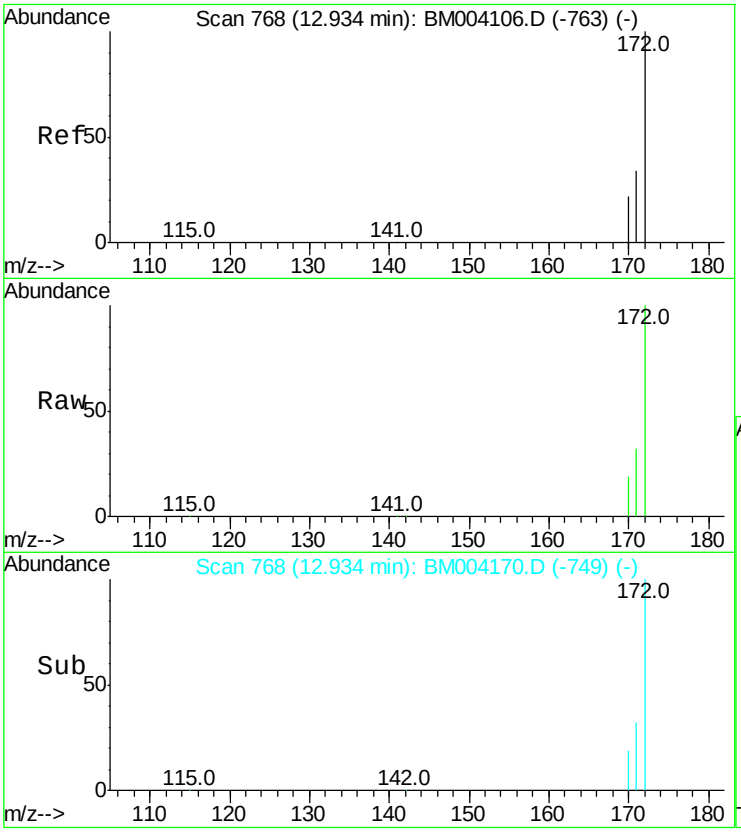


#14
2,4,6-Tribromophenol
Concen: 8.74 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:330 Resp: 21953

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	0.0	27.8	41.6#



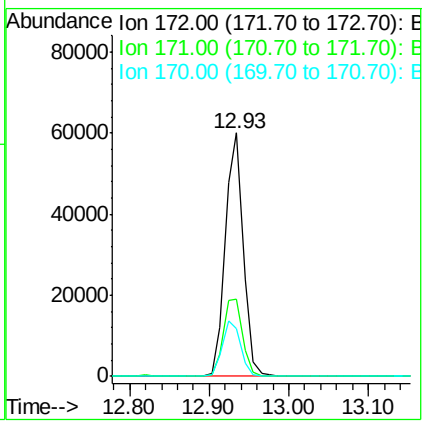


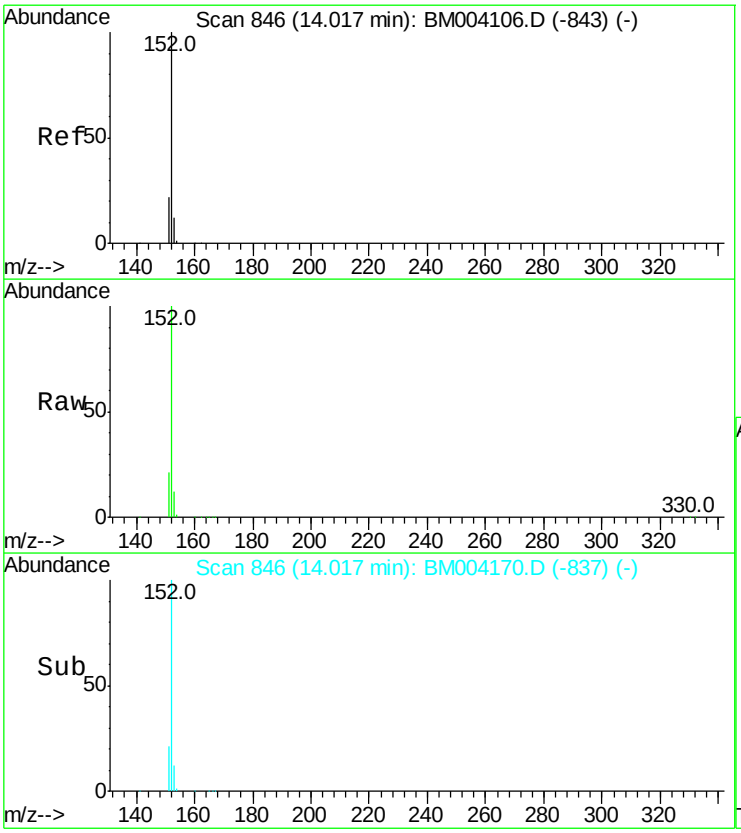
#15
2-Fluorobiphenyl
Concen: 4.77 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:172 Resp: 93330

Ion	Ratio	Lower	Upper
172	100		
171	31.8	27.0	40.6
170	19.5	17.9	26.9

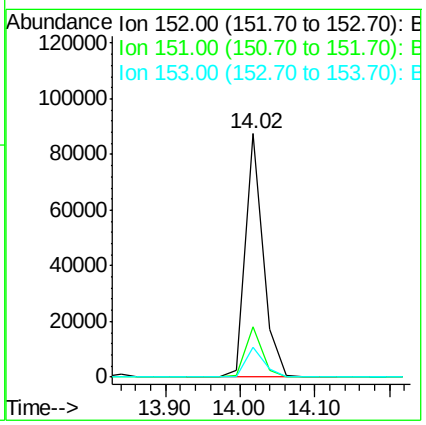


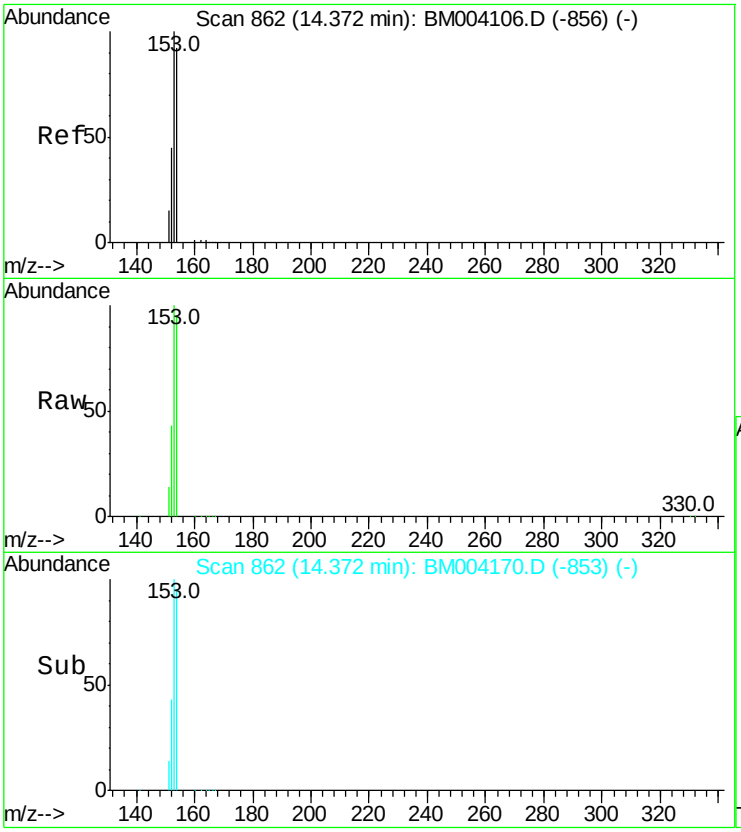


#16
Acenaphthylene
Concen: 5.23 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:152 Resp: 144060

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.7	10.2	15.4



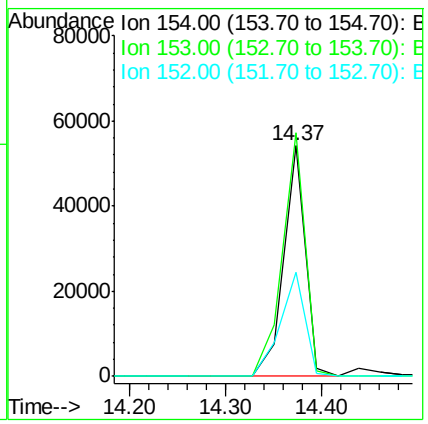


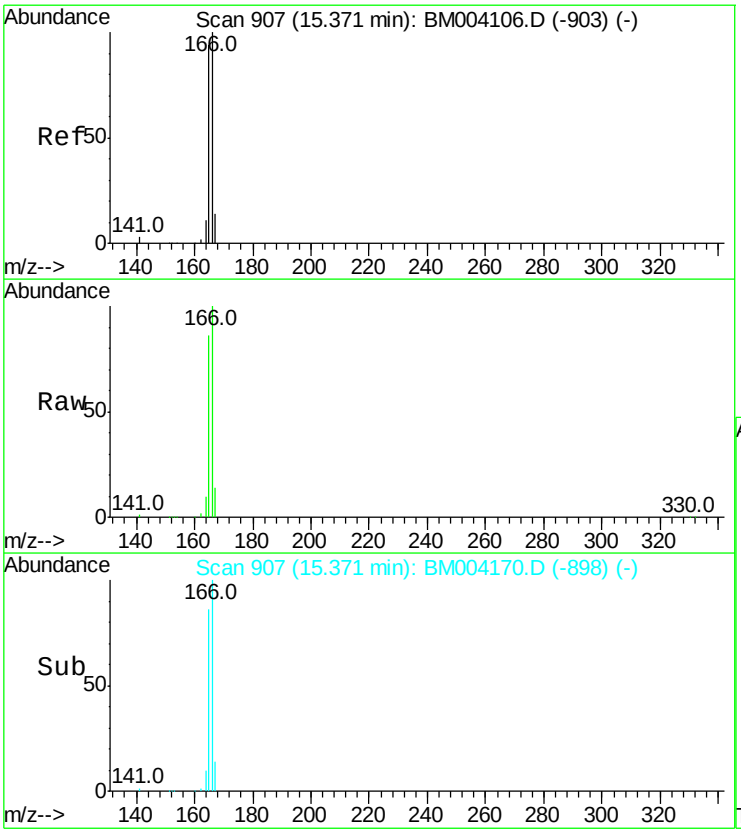
#17
Acenaphthene
Concen: 4.06 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:154 Resp: 84716

Ion	Ratio	Lower	Upper
154	100		
153	111.1	85.4	128.2
152	51.7	40.6	60.8

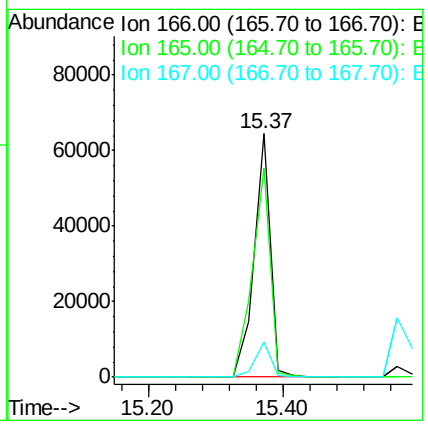


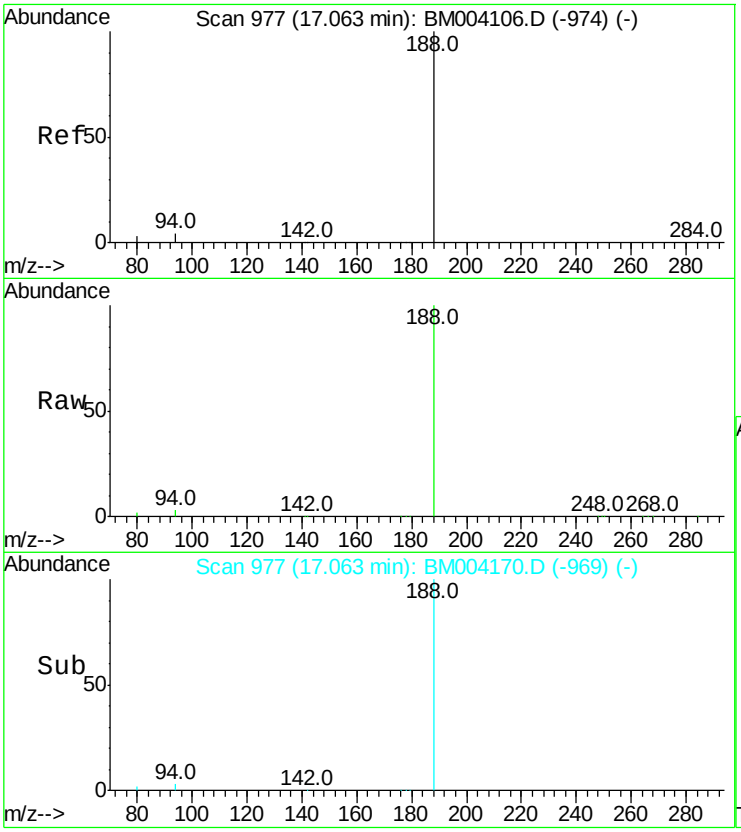


#18
Fluorene
Concen: 4.26 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:166 Resp: 107916

Ion	Ratio	Lower	Upper
166	100		
165	95.2	77.2	115.8
167	13.7	11.0	16.6



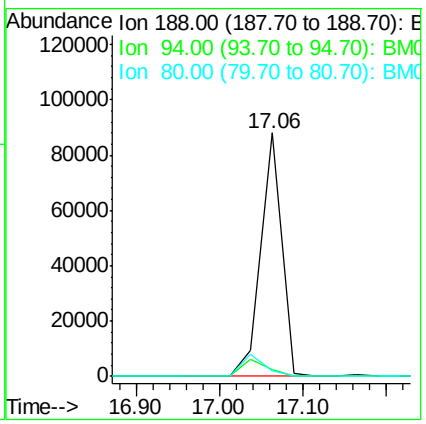


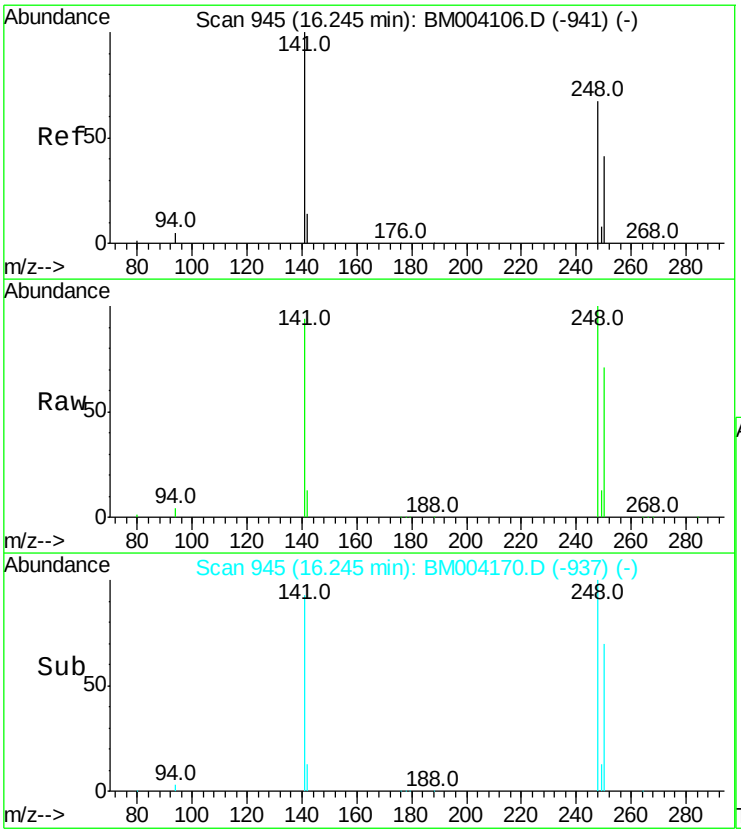
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:188 Resp: 151676

Ion	Ratio	Lower	Upper
188	100		
94	2.9	20.3	30.5#
80	2.3	22.2	33.4#

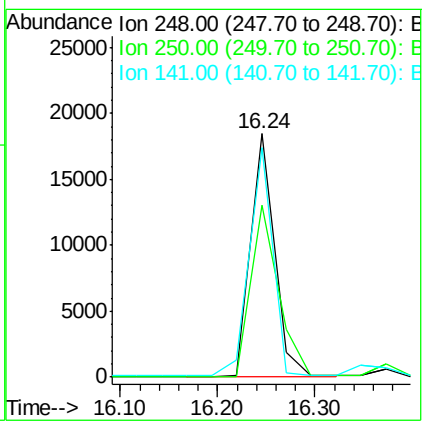


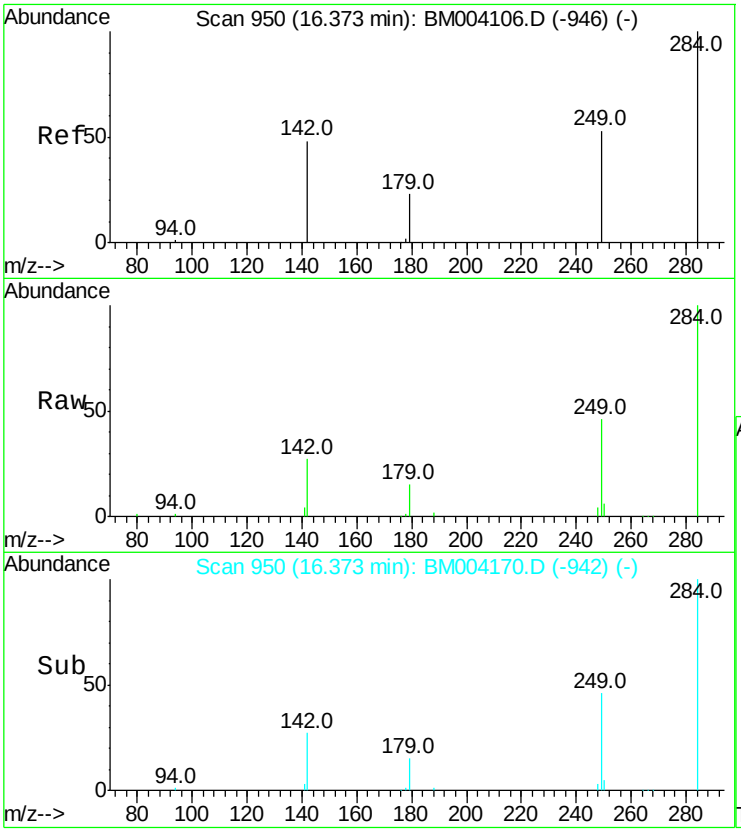


#20
4-Bromophenyl-phenylether
Concen: 6.33 ng
RT: 16.24 min Scan# 945
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:248 Resp: 31285

Ion	Ratio	Lower	Upper
248	100		
250	81.9	75.0	112.4
141	92.4	53.0	79.4#



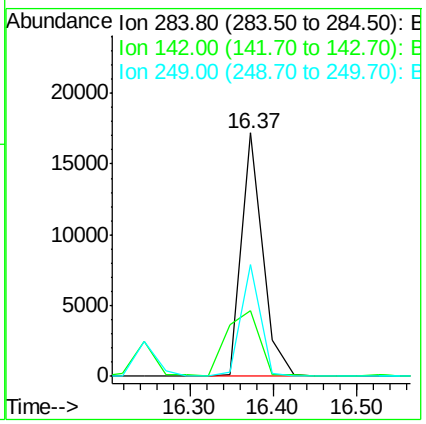


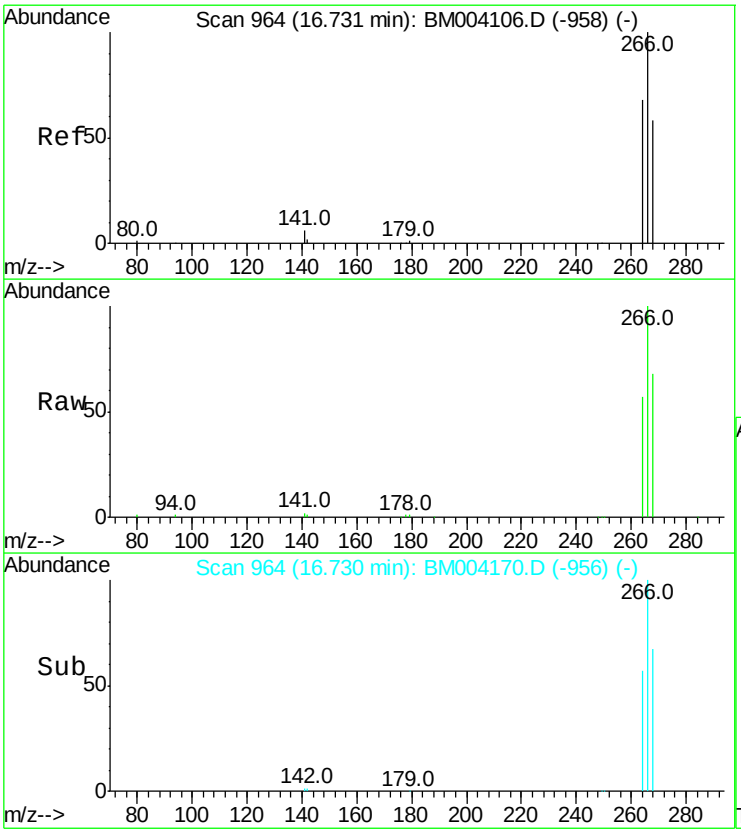
#21
Hexachlorobenzene
Concen: 5.83 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:284 Resp: 30273

Ion	Ratio	Lower	Upper
284	100		
142	41.2	22.2	33.4#
249	41.5	21.5	32.3#

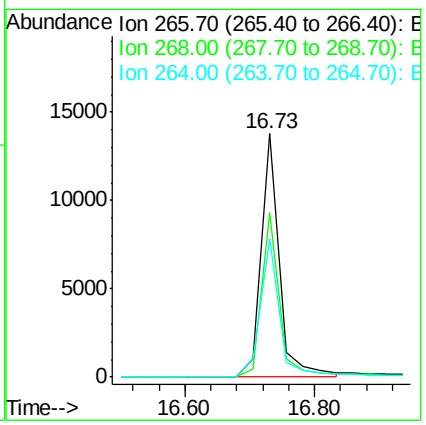


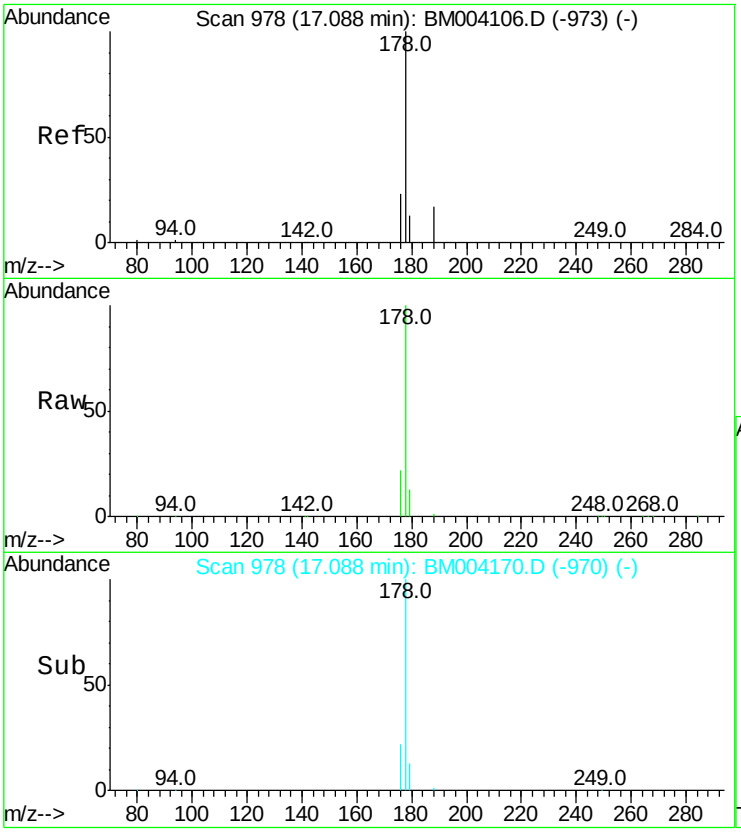


#22
Pentachlorophenol
Concen: 10.33 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:266 Resp: 26281

Ion	Ratio	Lower	Upper
266	100		
268	67.5	62.7	94.1
264	57.0	45.7	68.5



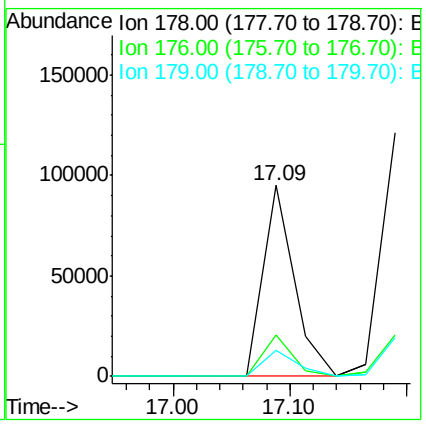


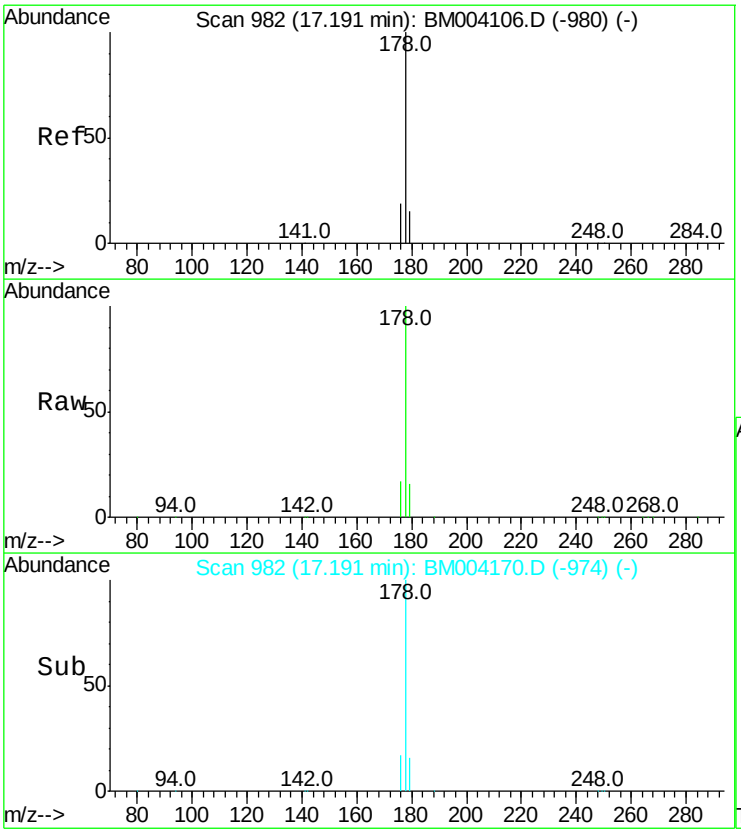
#23
Phenanthrene
Concen: 6.09 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:178 Resp: 177580

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.0
179	14.6	12.2	18.4

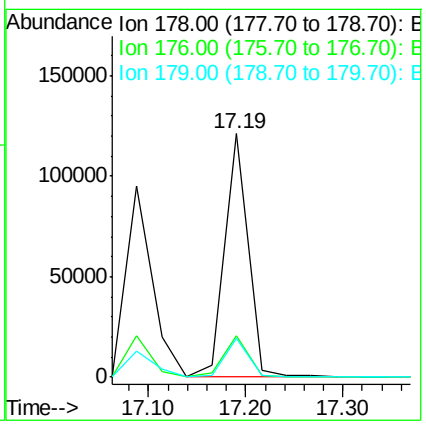


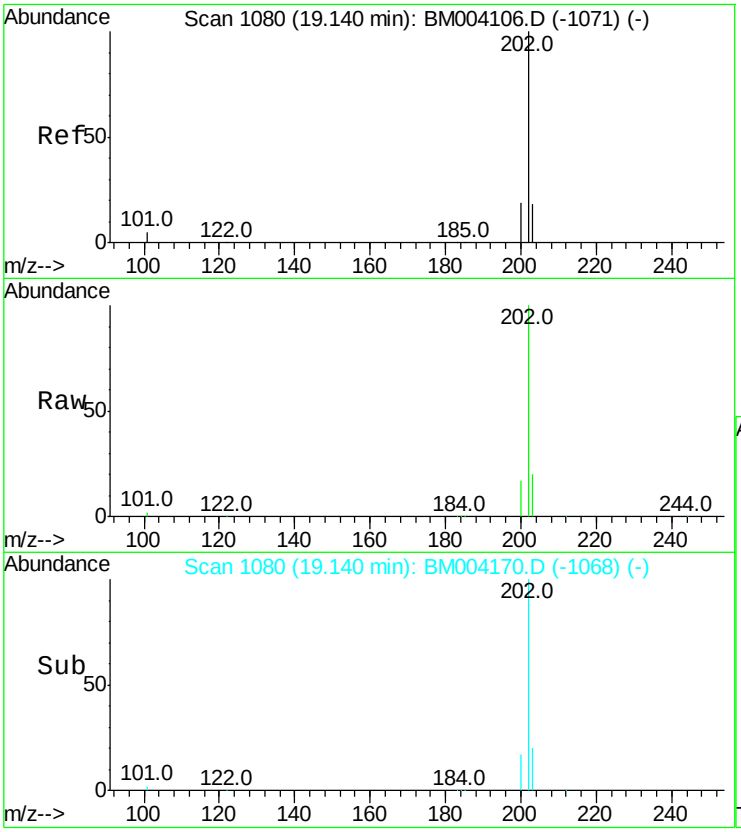


#24
Anthracene
Concen: 5.81 ng
RT: 17.19 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:178 Resp: 201220

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	21.8
179	15.8	12.6	19.0



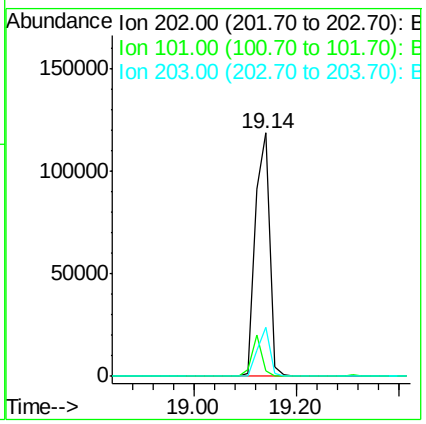


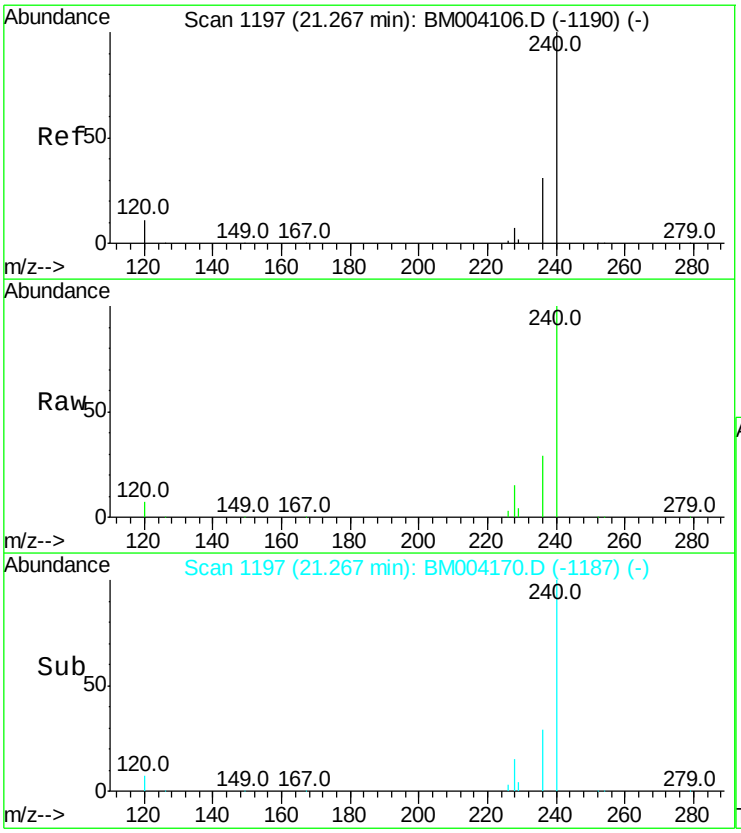
#25
Fluoranthene
Concen: 5.47 ng
RT: 19.14 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:202 Resp: 224751

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
203	17.7	13.8	20.8

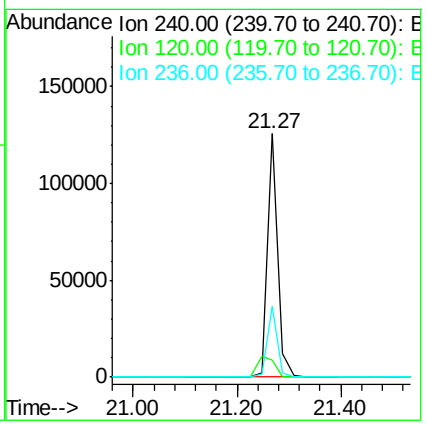


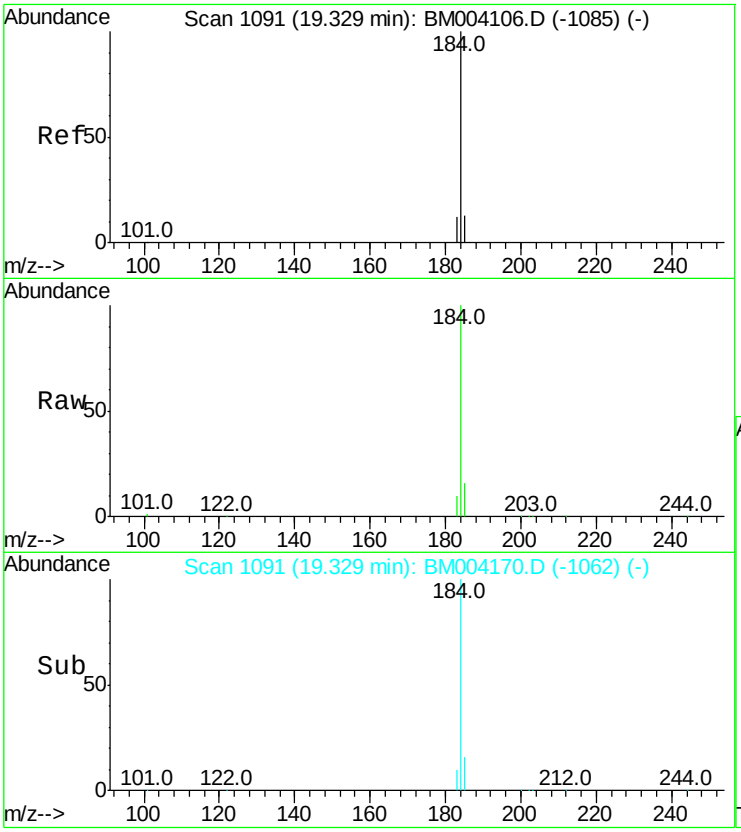


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:240 Resp: 173934

Ion	Ratio	Lower	Upper
240	100		
120	7.0	0.9	1.3#
236	29.3	17.3	25.9#



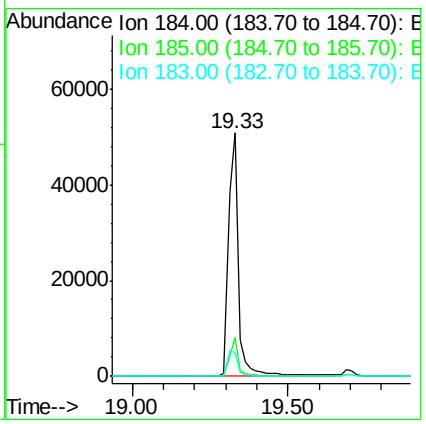


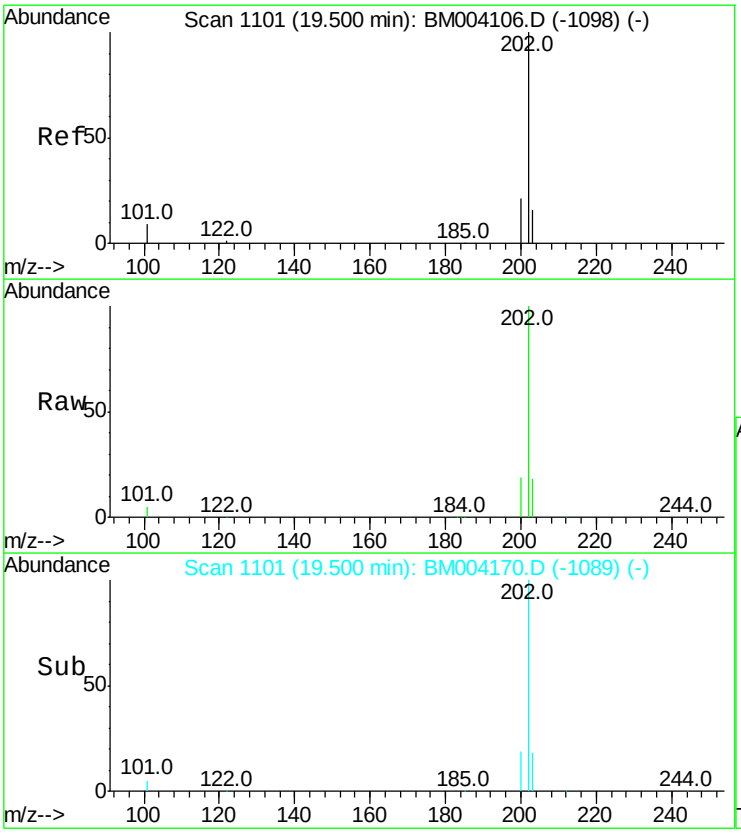
#27
Benzidine
Concen: 7.22 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:184 Resp: 112165

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.2	19.8
183	9.6	9.0	13.6

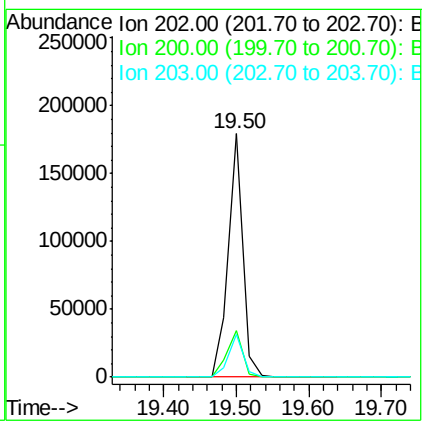


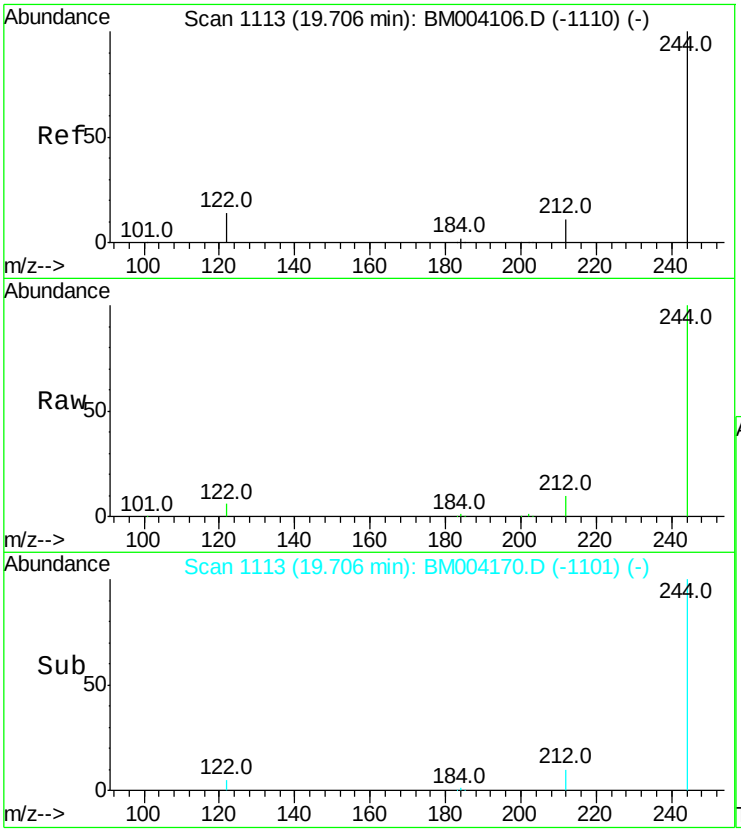


#28
Pyrene
Concen: 5.14 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:202 Resp: 247220

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.8	14.0	21.0



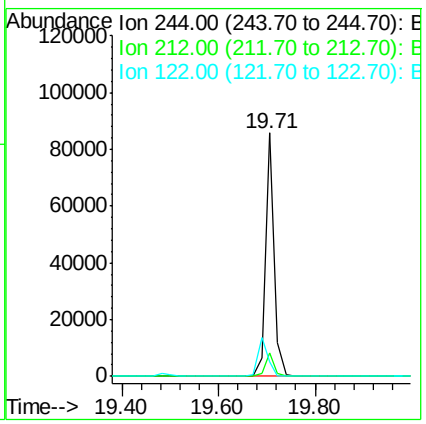


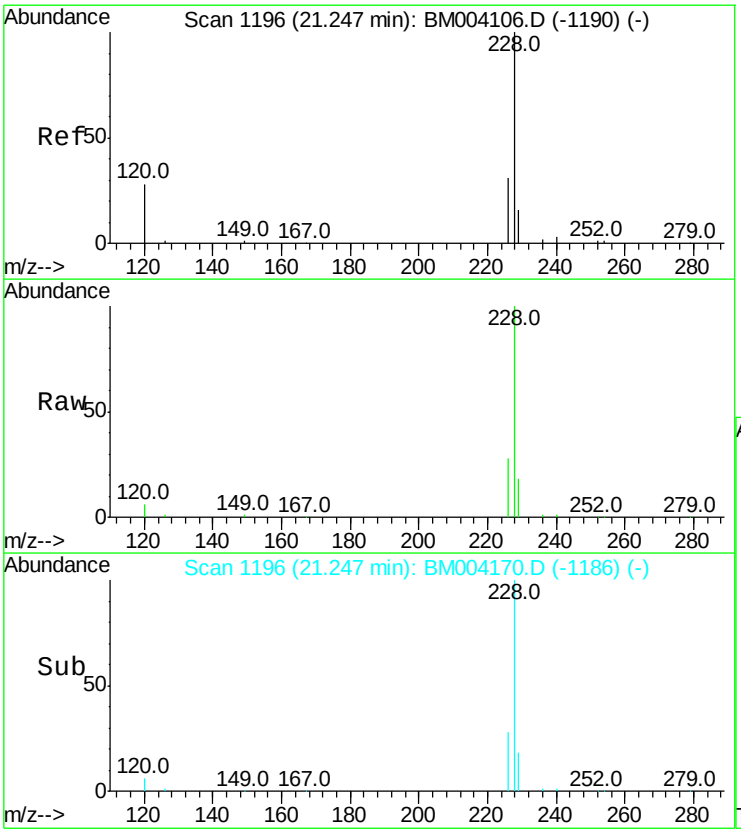
#29
Terphenyl-d14
Concen: 4.89 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:244 Resp: 108236

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.6
122	5.8	3.0	4.6#

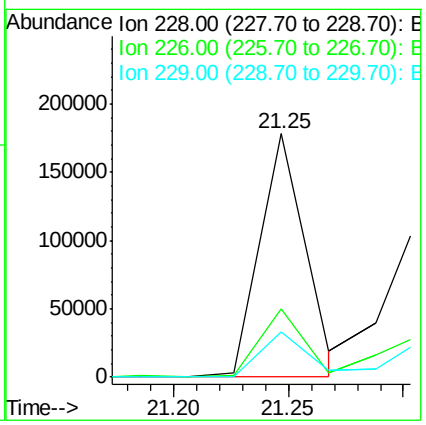


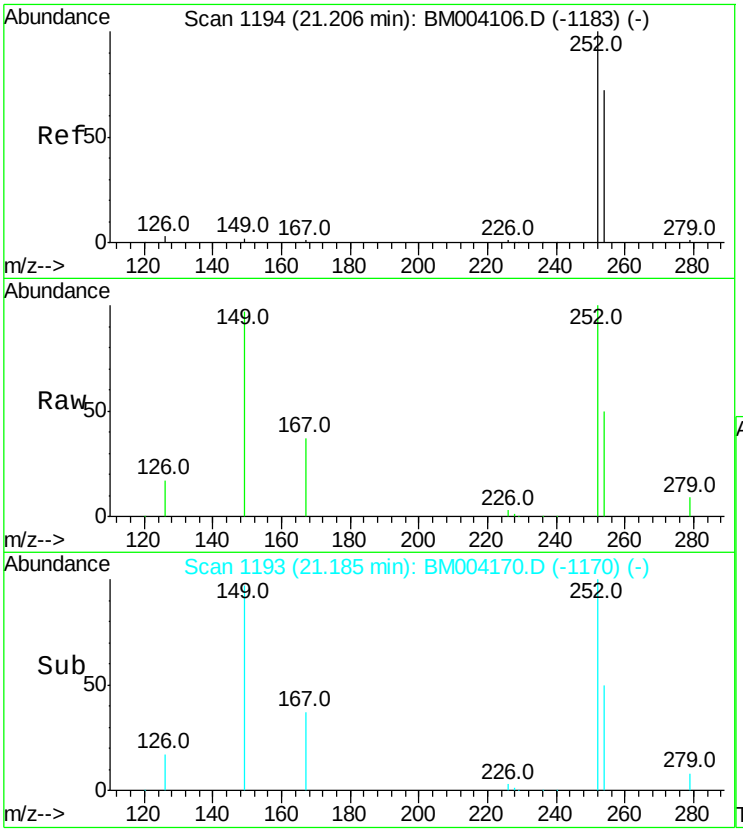


#30
Benzo(a)anthracene
Concen: 4.85 ng m
RT: 21.25 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:228 Resp: 246570

Ion	Ratio	Lower	Upper
228	100		
226	28.0	17.2	25.8#
229	18.3	18.7	28.1#



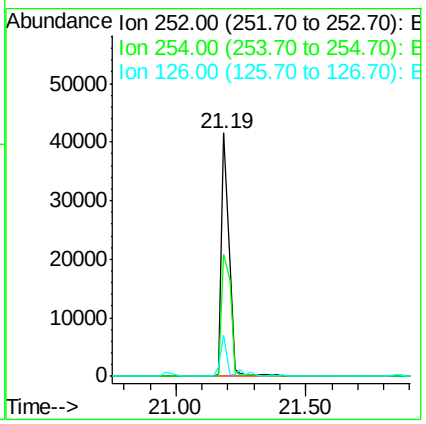


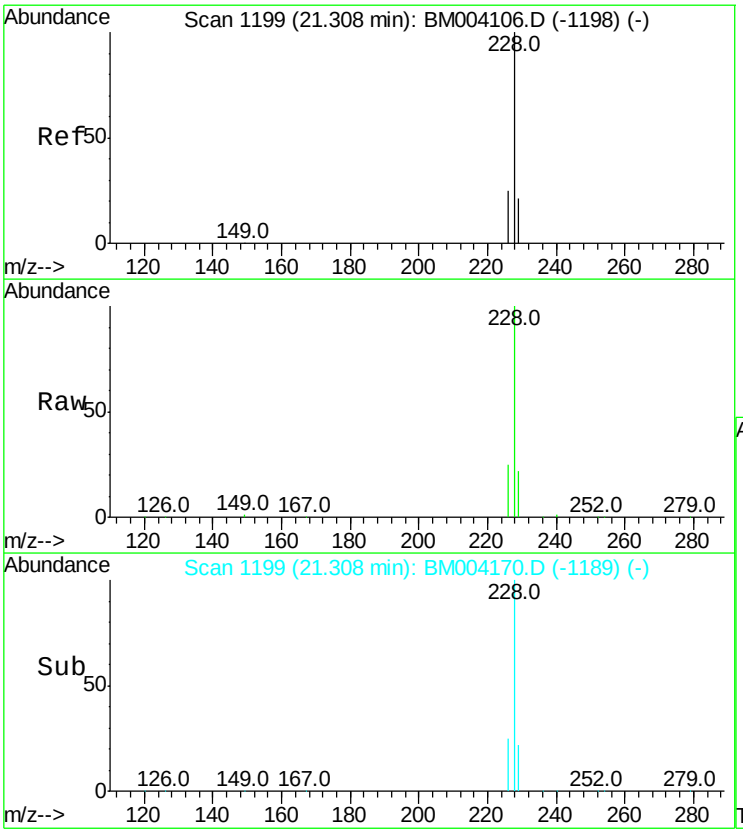
#31
3,3'-Dichlorobenzidine
Concen: 5.46 ng
RT: 21.19 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:252 Resp: 78835

Ion	Ratio	Lower	Upper
252	100		
254	50.3	52.6	79.0#
126	16.7	3.7	5.5#

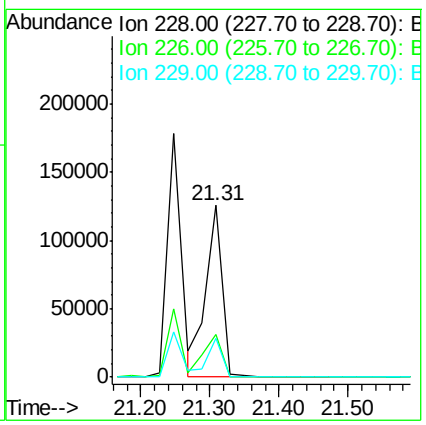


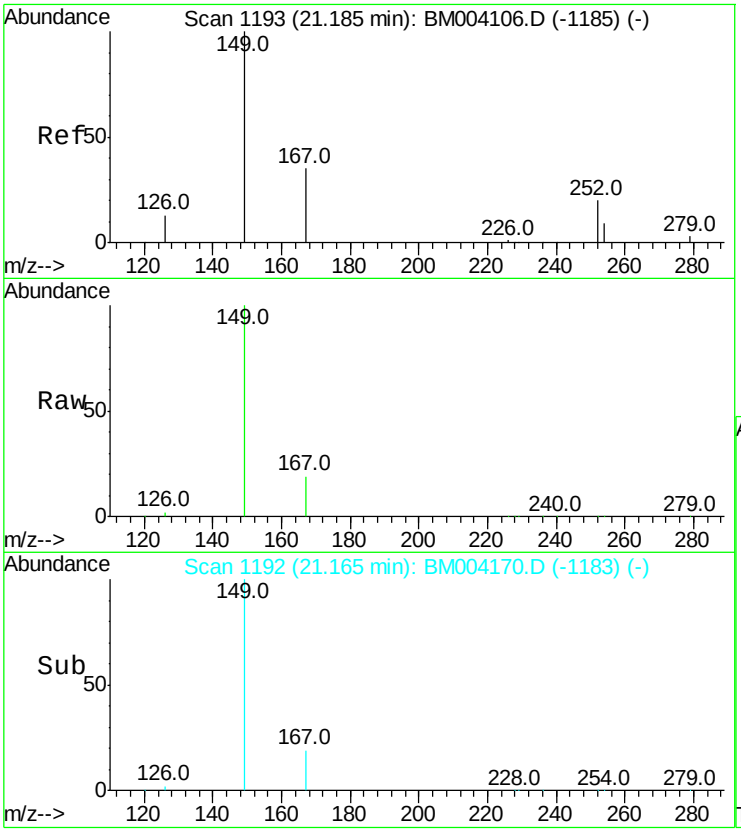


#32
Chrysene
Concen: 4.82 ng m
RT: 21.31 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:228 Resp: 210682

Ion	Ratio	Lower	Upper
228	100		
226	25.1	25.3	37.9#
229	22.3	14.5	21.7#



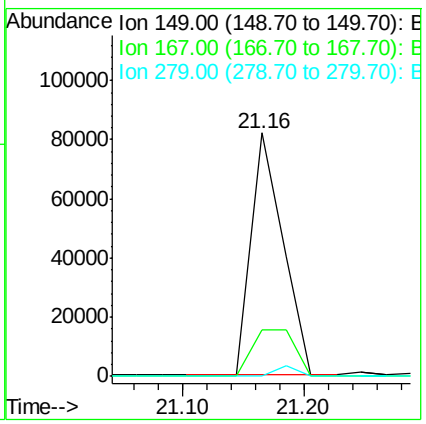


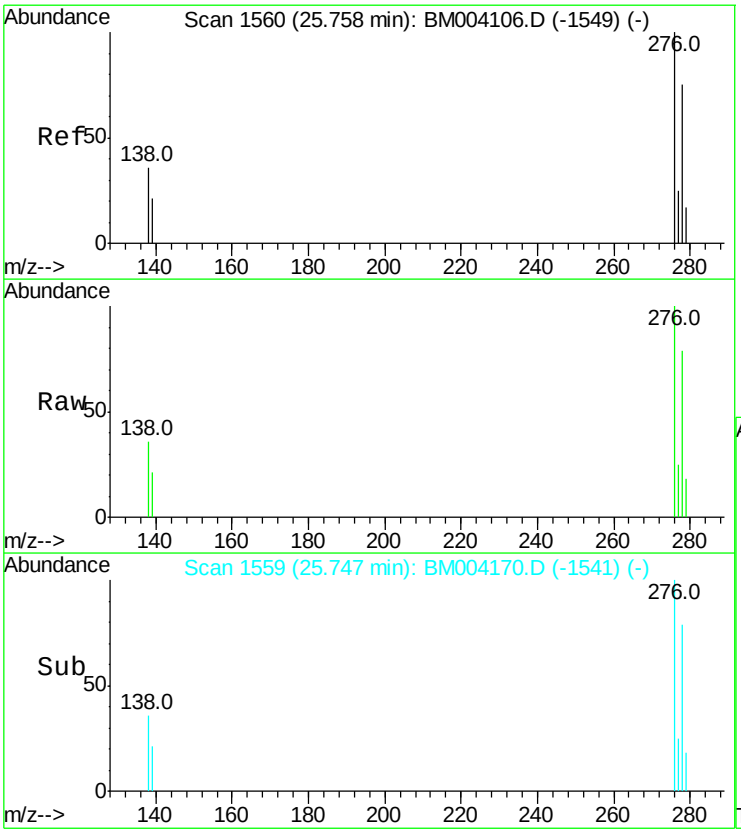
#33
Bis(2-ethylhexyl)phthalate
Concen: 5.81 ng
RT: 21.16 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:149 Resp: 150774

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.1	30.1
279	0.0	1.8	2.6#

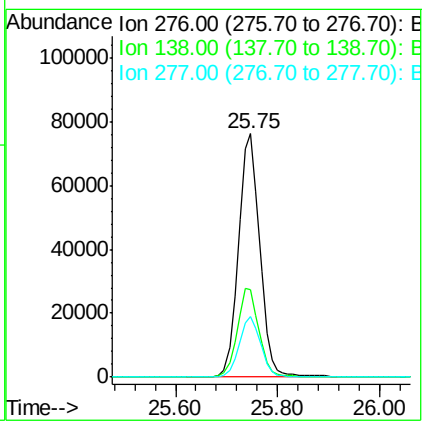


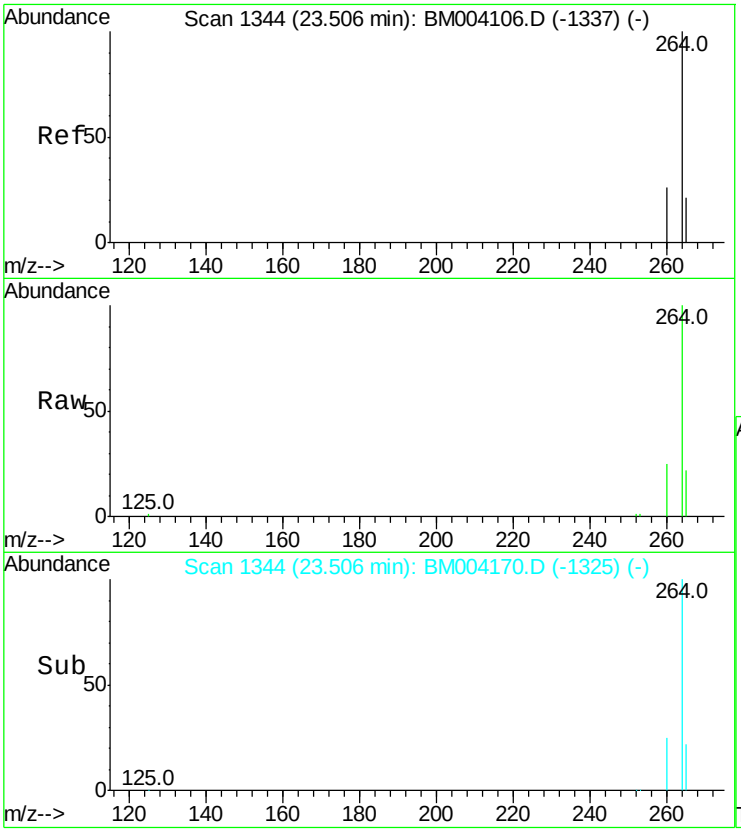


#34
Indeno(1,2,3-cd)pyrene
Concen: 4.22 ng
RT: 25.75 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:276 Resp: 220314

Ion	Ratio	Lower	Upper
276	100		
138	36.5	30.2	45.2
277	24.7	19.8	29.8



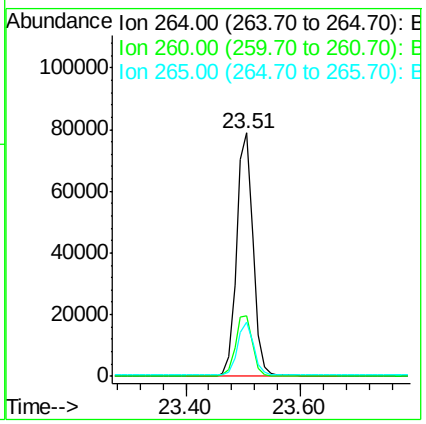


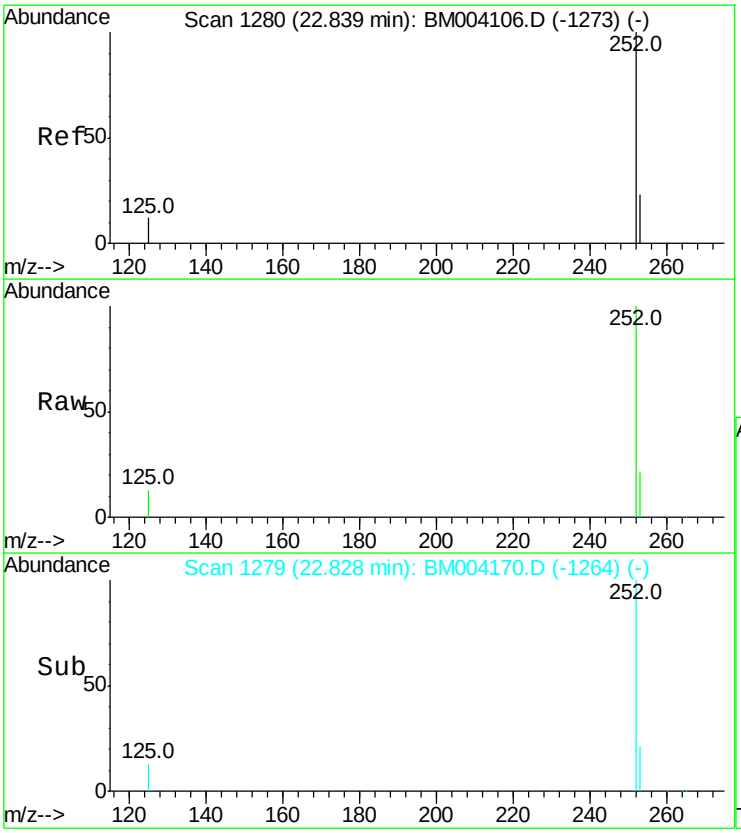
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:264 Resp: 156471

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.2	31.8
265	22.3	16.7	25.1

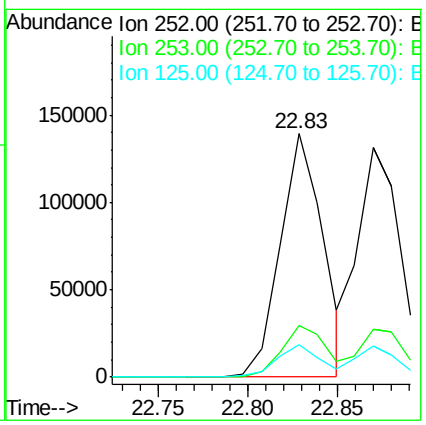


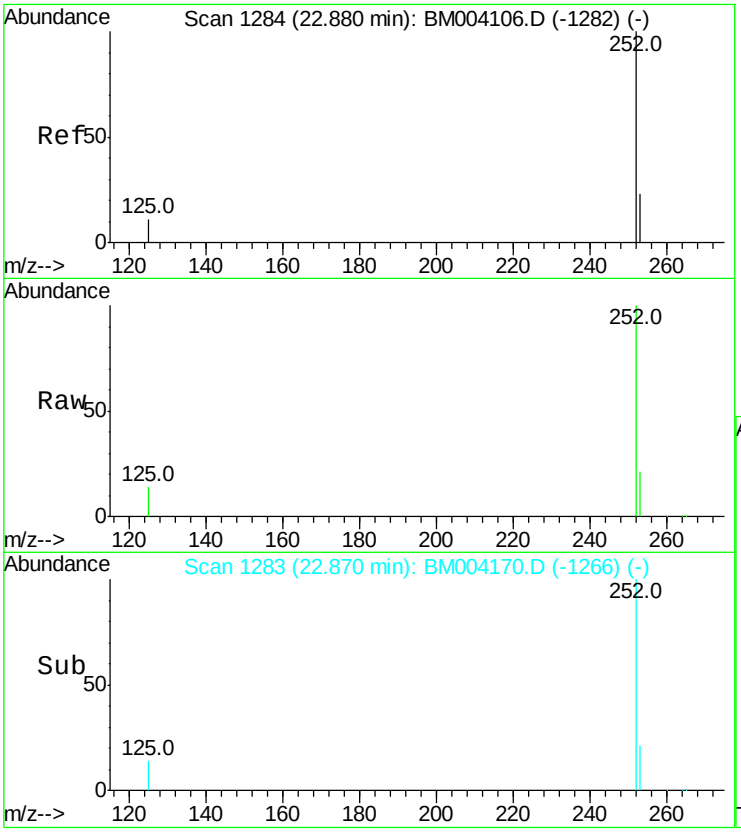


#36
Benzo(b)fluoranthene
Concen: 4.75 ng
RT: 22.83 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:252 Resp: 230477

Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.8	28.2
125	13.3	10.2	15.4



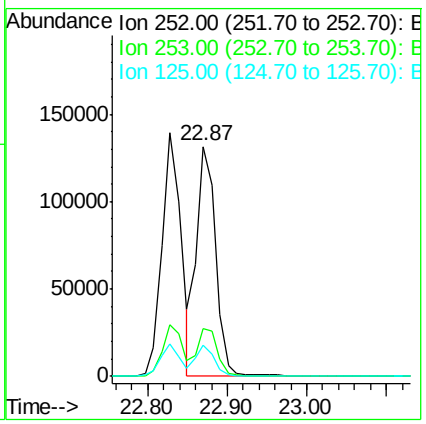


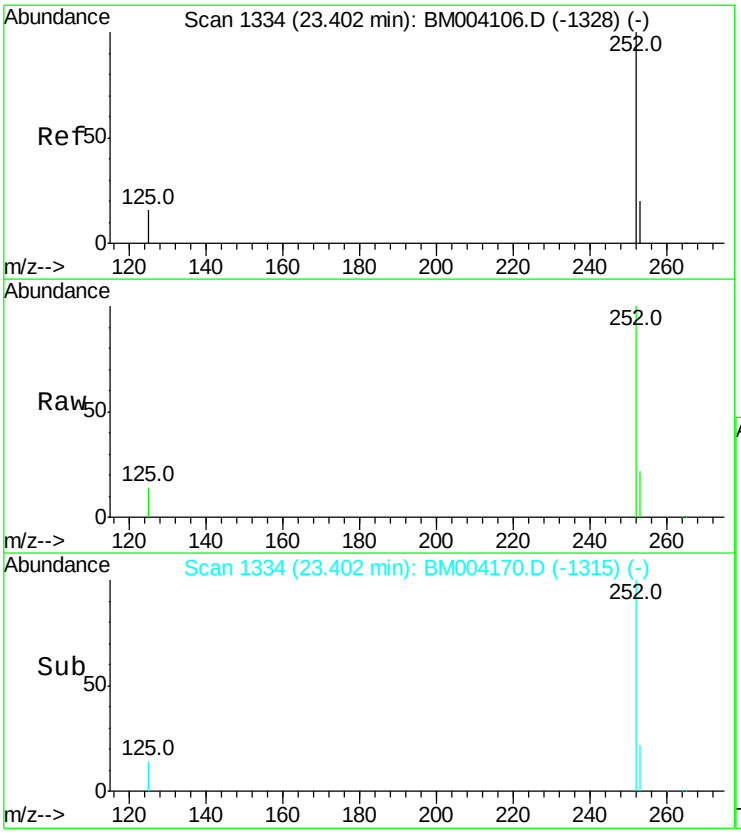
#37
Benzo(k)fluoranthene
Concen: 5.00 ng
RT: 22.87 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:252 Resp: 219807

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.3	27.5
125	13.7	10.6	15.8

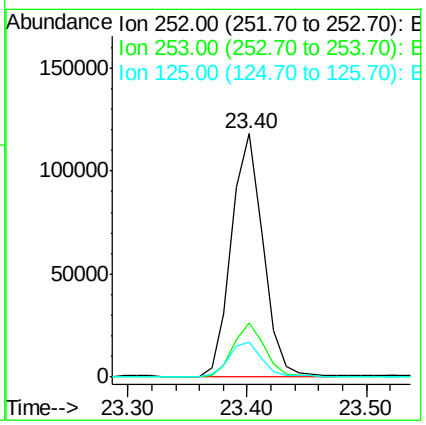


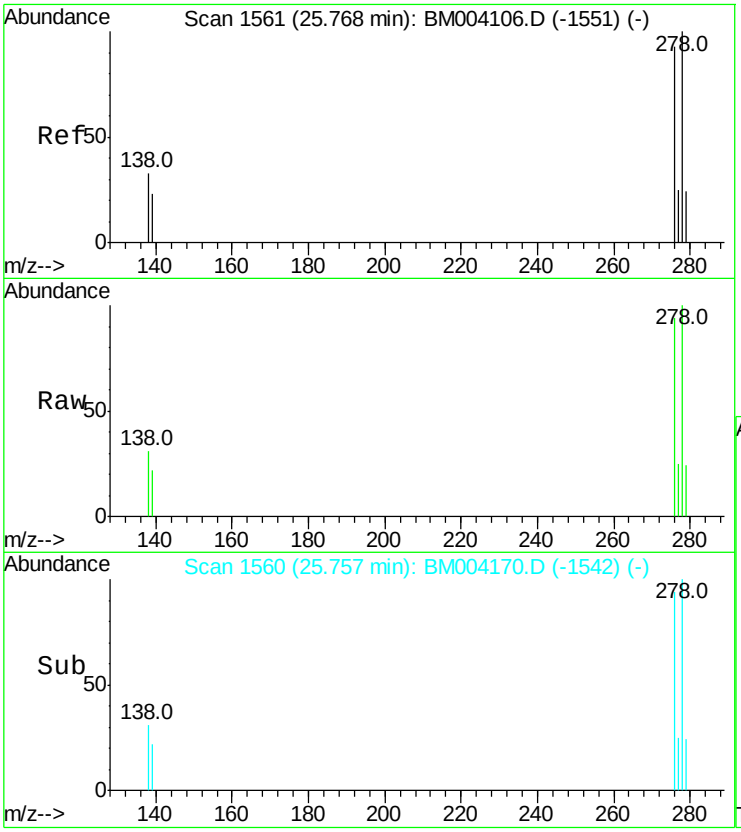


#38
Benzo(a)pyrene
Concen: 5.06 ng
RT: 23.40 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:252 Resp: 216167

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	14.1	11.8	17.8



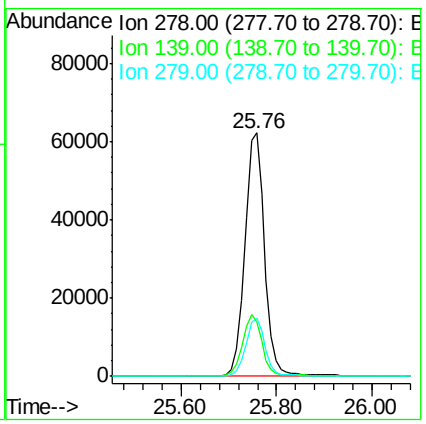


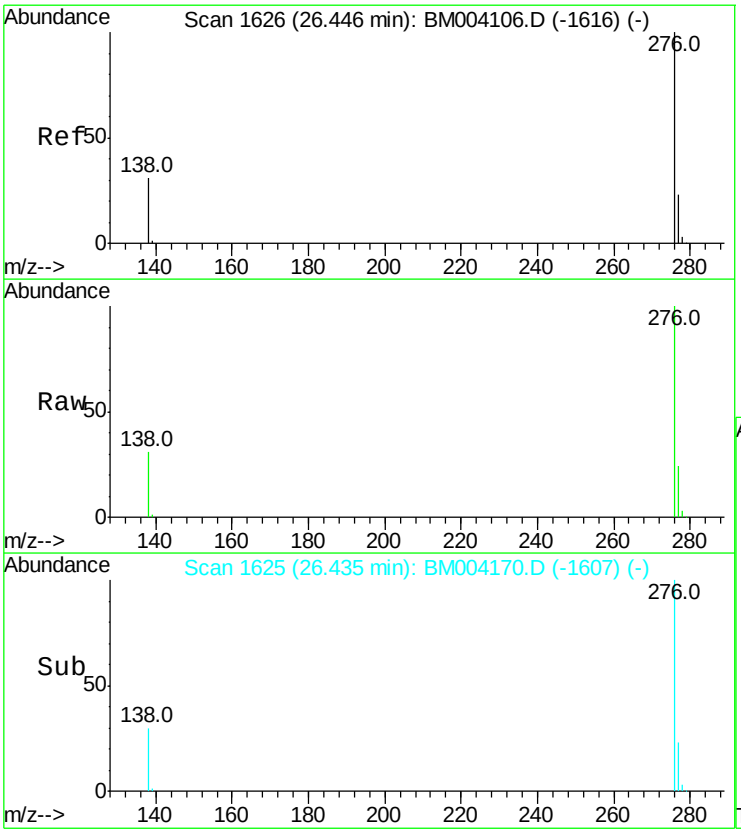
#39
Dibenzo(a,h)anthracene
Concen: 4.61 ng
RT: 25.76 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MSD

Tgt Ion:278 Resp: 176970

Ion	Ratio	Lower	Upper
278	100		
139	22.0	19.0	28.6
279	23.8	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 4.35 ng
RT: 26.44 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BM004170.D
Acq: 02 Feb 2016 18:58

Tgt Ion:276 Resp: 182407

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	30.6	25.0	37.4