Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM043016\
Data File : BM005163.D
Acq On : 30 Apr 2016 04:10
Operator : UM/SJ
Sample : H2729-02 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0

Quant Time: Apr 30 11:41:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	43617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.575	136	207012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.427	164	125352	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.174	188	281909	20.00	ng/ul	0.00
75) Chrysene-d12	21.368	240	228428	20.00	ng/ul	0.00
83) Perylene-d12	23.644	264	209761	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.00	ng/uL	
5) Phenol-d5	6.963	99	2717	0.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.122	67	1691	0.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.322	132	2212	0.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.492	113	2116	0.69	ng/ul	0.00
19) Nitrobenzene-d5	8.951	128	590	0.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.669	143	711	0.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.204	165	2080	0.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.727	131	1964	0.55	ng/ul	0.01
43) Dimethylphthalate-d6	13.833	166	9386	0.95	ng/ul	0.00
46) Acenaphthylene-d8	14.115	160	11269	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	0.000	143	0	0.00	ng/ul	
57) Fluorene-d10	15.421	176	10179	1.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	0.000	200	0	0.00	ng/ul	
70) Anthracene-d10	17.274	188	14698	1.16	ng/ul	0.00
76) Pyrene-d10	19.574	212	14341	1.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.497	264	11220	1.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.987	94	5061	1.35	ng/ul	99
16) 4-Methylphenol	8.557	108	5986	1.83	ng/ul	89
28) Naphthalene	10.622	128	350618	33.58	ng/ul	100
30) 4-Chloroaniline	10.622	127	45315	12.50	ng/ul#	6
34) 2-Methylnaphthalene	12.239	142	82339	10.65	ng/ul	98
40) 1,1'-Biphenyl	13.257	154	30954	3.12	ng/ul	98
47) Acenaphthylene	14.145	152	188813	15.14	ng/ul	99
49) Acenaphthene	14.492	153	68098	8.30	ng/ul	99
53) Dibenzofuran	14.827	168	203975	16.85	ng/ul	99
58) Fluorene	15.474	166	200805	21.37	ng/ul	100
60) 4-Nitroaniline	15.474	138	2104	1.00	ng/ul#	15
69) Phenanthrene	17.227	178	1632400	108.81	ng/ul	98
71) Anthracene	17.309	178	517183	34.19	ng/ul	99
72) Carbazole	17.580	167	186155	14.35	ng/ul	98
74) Fluoranthene	19.245	202	1904916	115.37	ng/ul	96
77) Pyrene	19.609	202	1731773	131.24	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.403	252	6500	1.59	ng/ul#	1
80) Benzo(a)anthracene	21.350	228	818569	62.61	ng/ul	97
82) Chrysene	21.403	228	729692	58.32	ng/ul	97
85) Benzo(b)fluoranthene	22.962	252	779933	61.73	ng/ul	98
86) Benzo(k)fluoranthene	22.962	252	779933	63.48	ng/ul	98
88) Benzo(a)pyrene	23.550	252	599991	50.86	ng/ul	99

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Sample : H2729-02 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0

Quant Time: Apr 30 11:41:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89)	Indeno(1,2,3-cd)pyrene	25.950	276	345743	30.71	ng/ul	96
90)	Dibenzo(a,h)anthracene	25.950	278	80329	8.54	ng/ul#	81
91)	Benzo(g,h,i)perylene	26.656	276	301329	32.72	ng/ul	99

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

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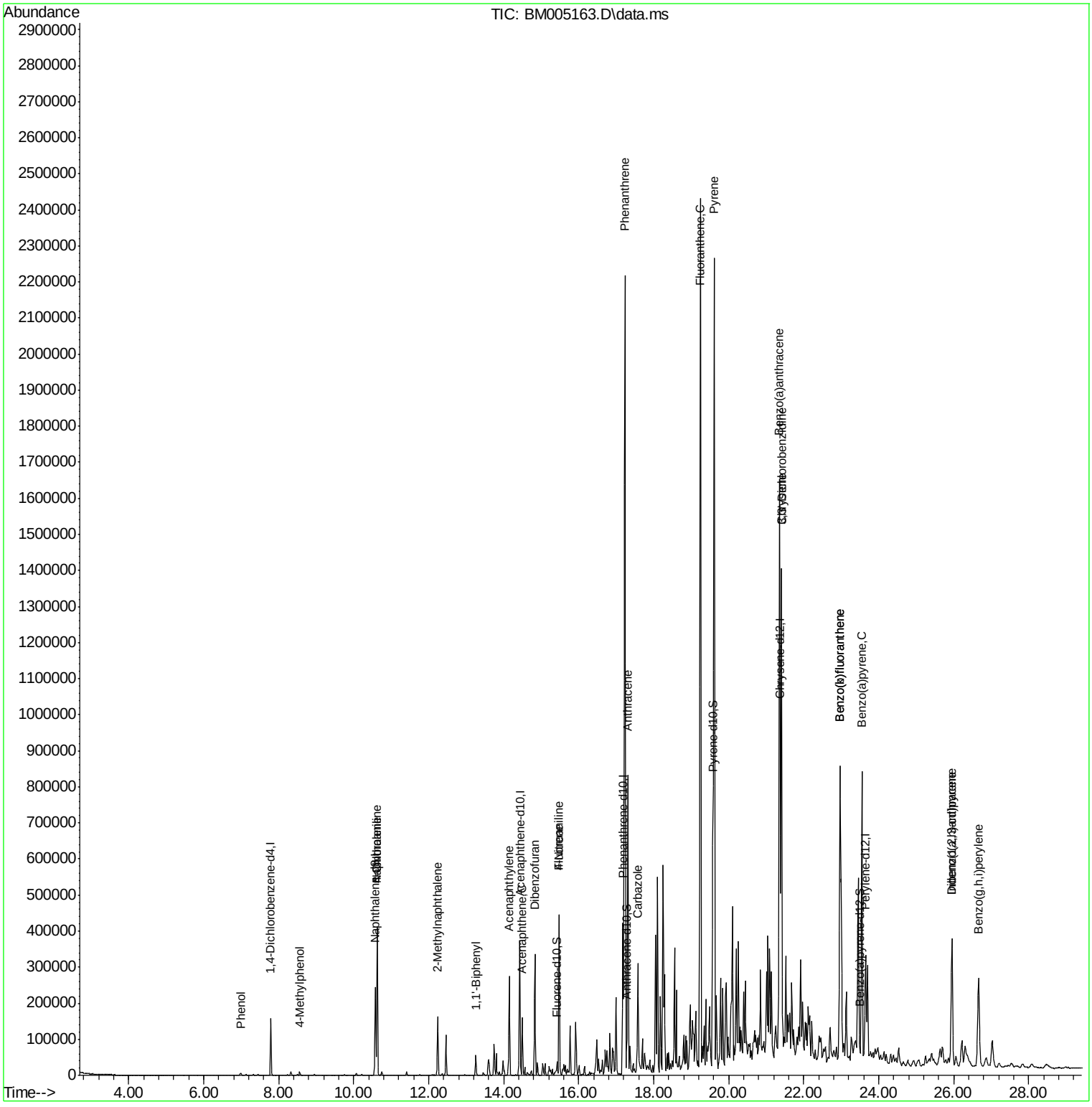
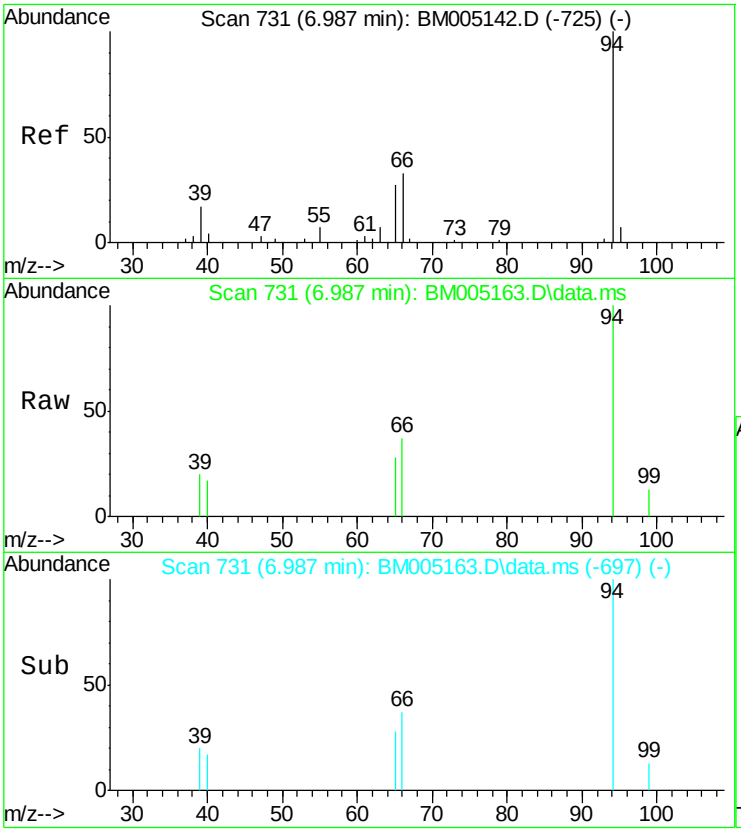


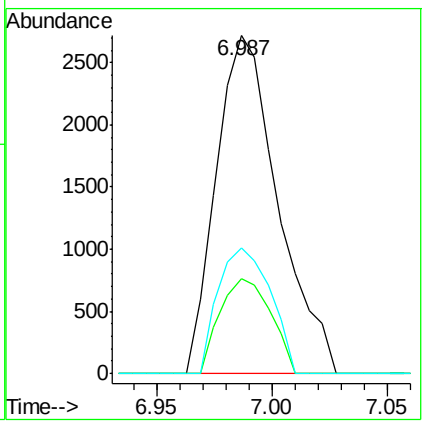


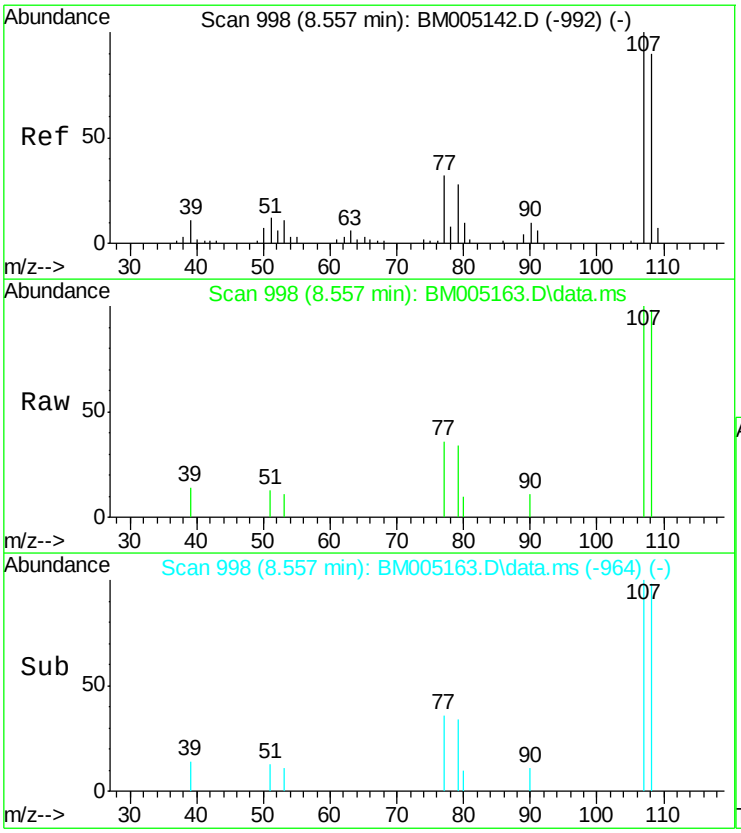
#6
Phenol
Concen: 1.35 ng/ul
RT: 6.987 min Scan# 73
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion: 94 Resp: 5061

Ion	Ratio	Lower	Upper
94	100		
65	28.2	21.6	32.4
66	37.1	29.6	44.4

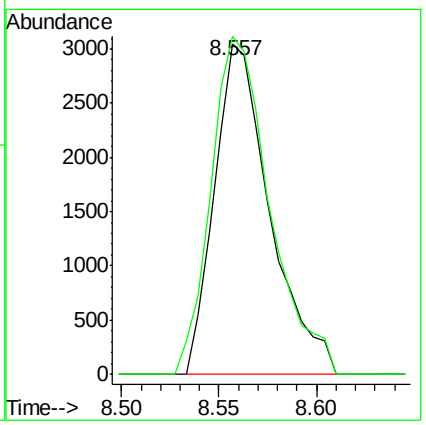


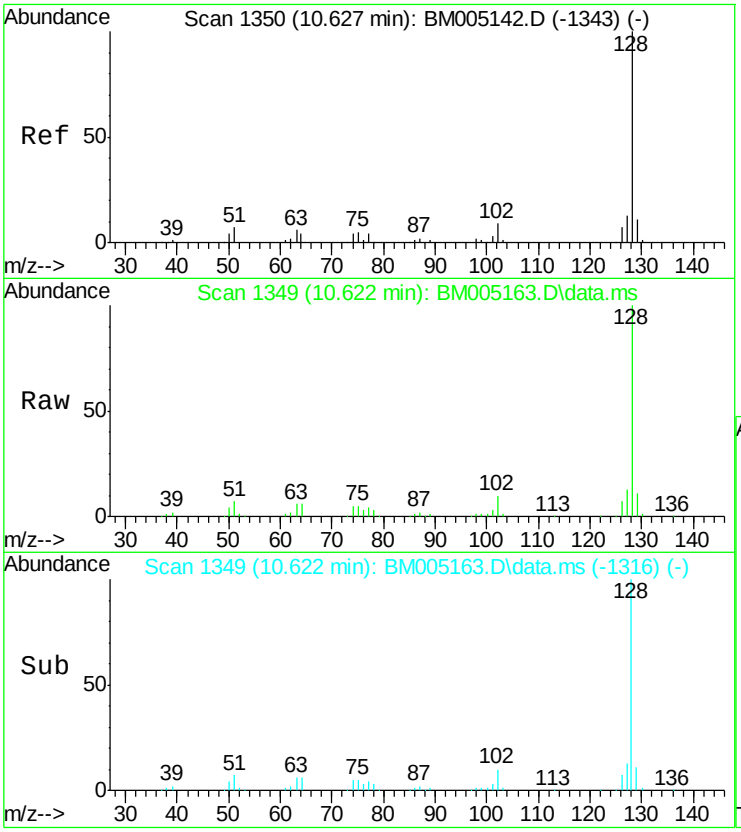


#16
4-Methylphenol
Concen: 1.83 ng/ul
RT: 8.557 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:108 Resp: 5986

Ion	Ratio	Lower	Upper
108	100		
107	102.4	91.0	136.6



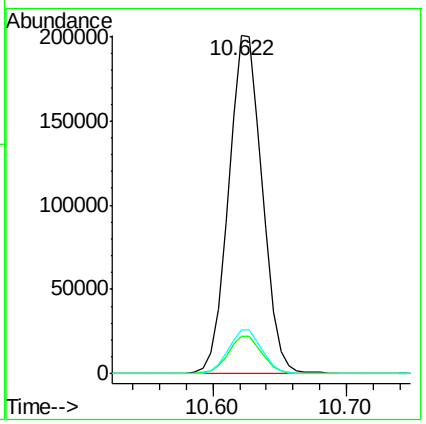


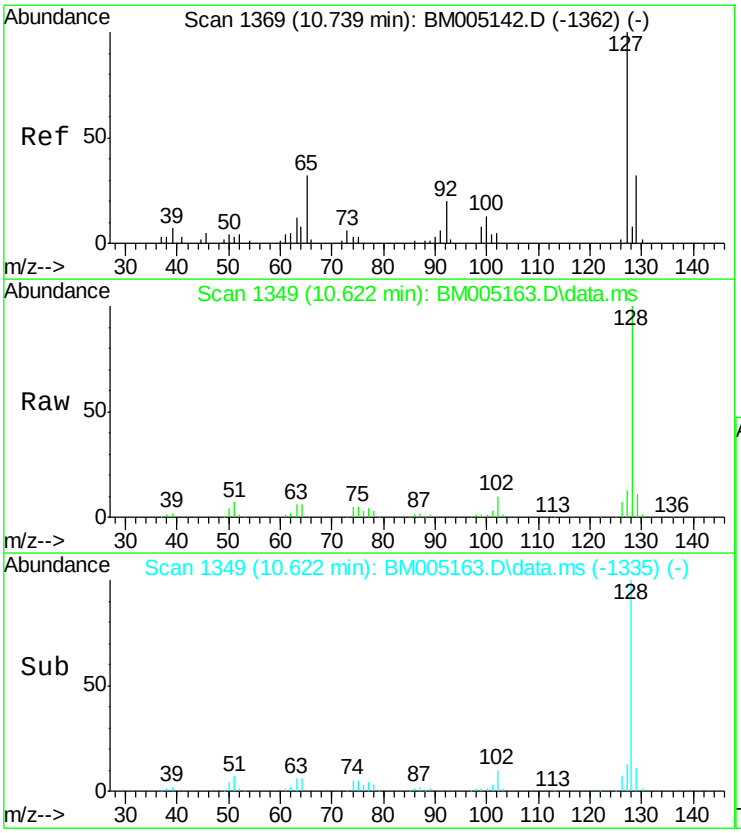
#28
Naphthalene
Concen: 33.58 ng/ul
RT: 10.622 min Scan# 13
Delta R.T. -0.006 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:128 Resp: 350618

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.6	15.8

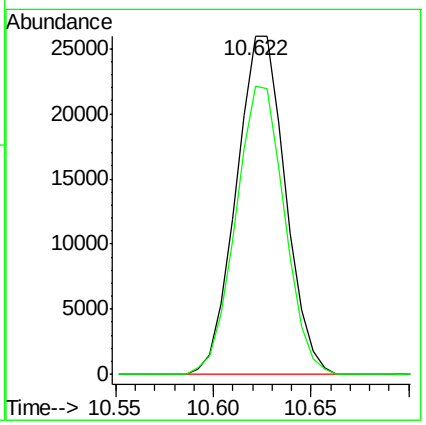


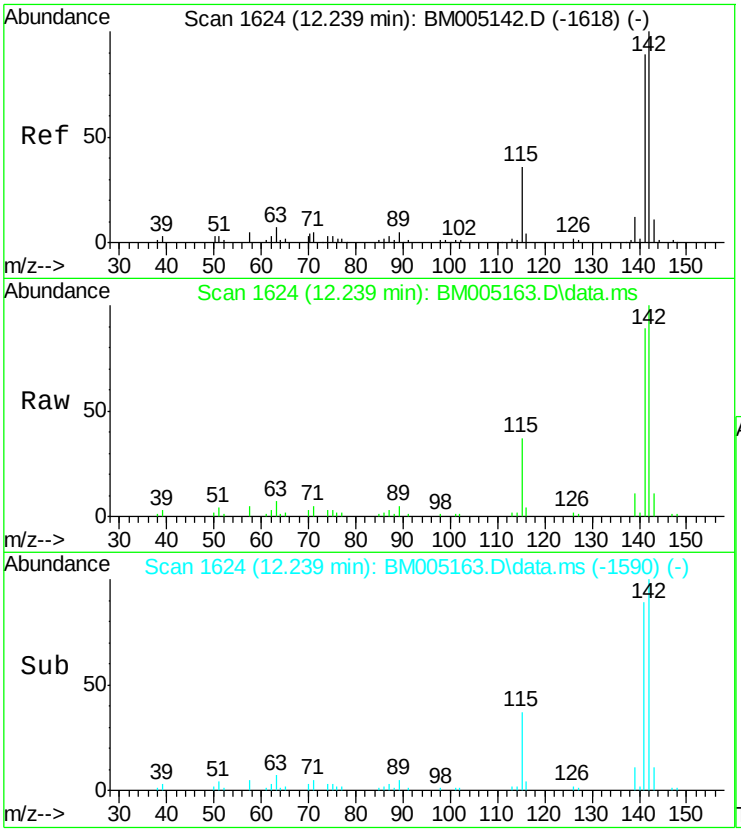


#30
4-Chloroaniline
Concen: 12.50 ng/ul
RT: 10.622 min Scan# 1349
Delta R.T. -0.118 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:127 Resp: 45315

Ion	Ratio	Lower	Upper
127	100		
129	85.1	26.0	39.0#



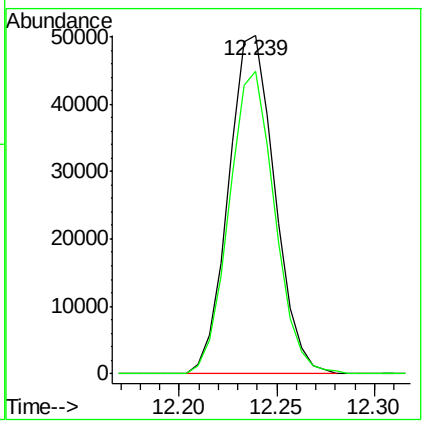


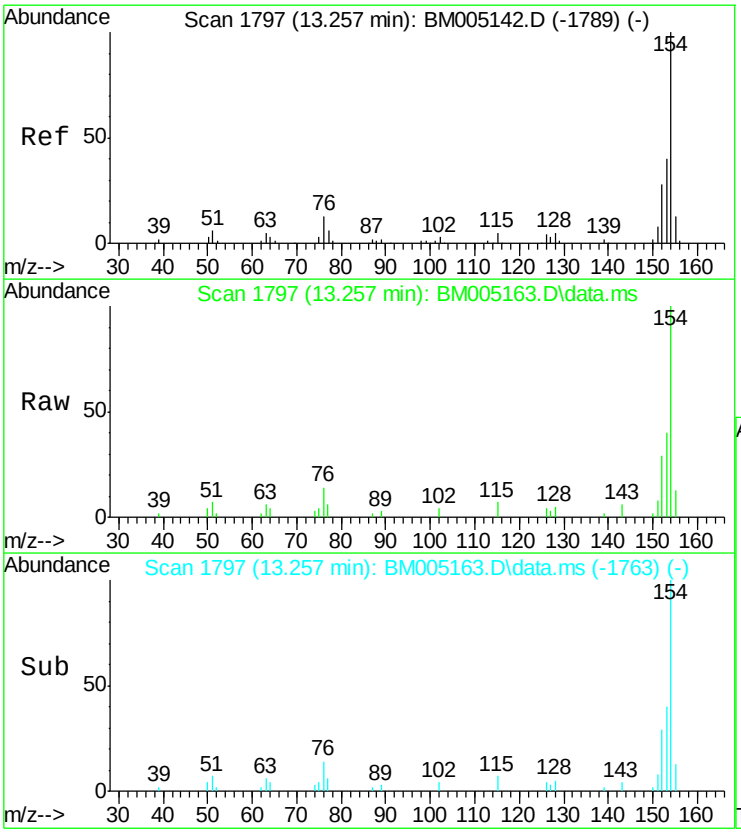
#34
2-Methylnaphthalene
Concen: 10.65 ng/ul
RT: 12.239 min Scan# 16
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:142 Resp: 82339

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5

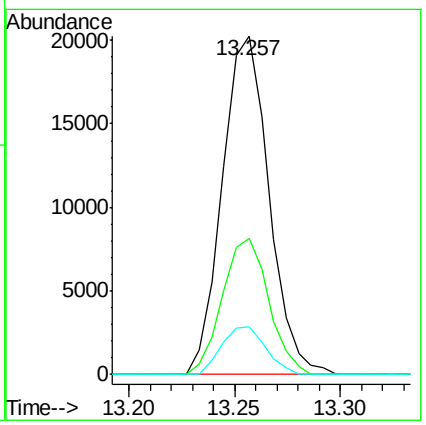


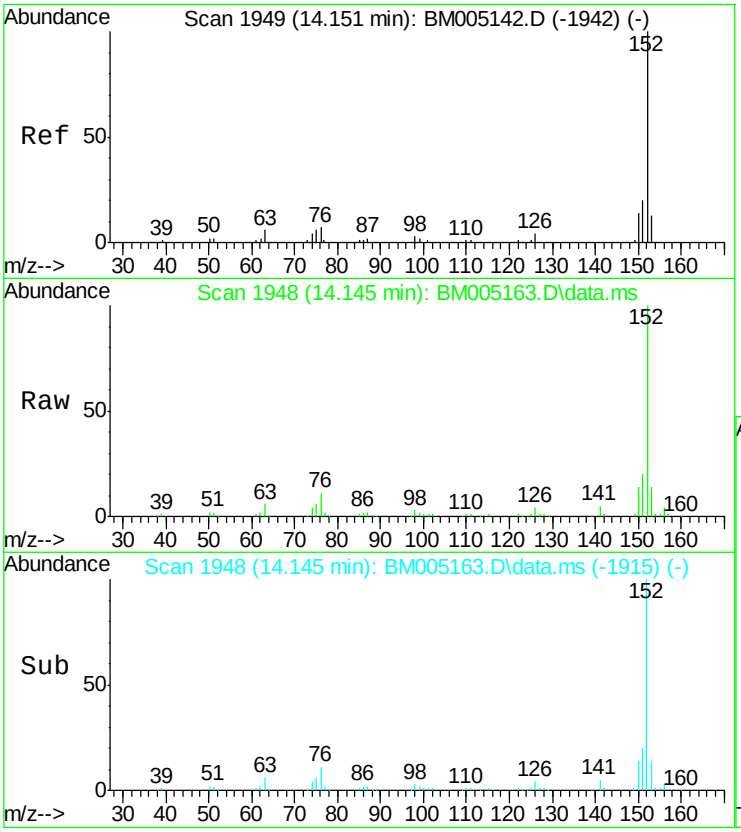


#40
1,1'-Biphenyl
Concen: 3.12 ng/ul
RT: 13.257 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:154 Resp: 30954

Ion	Ratio	Lower	Upper
154	100		
153	40.2	31.5	47.3
76	13.9	10.1	15.1



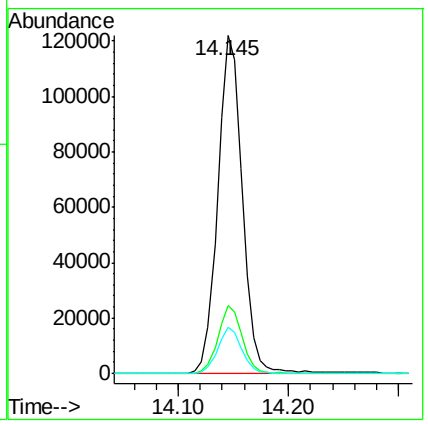


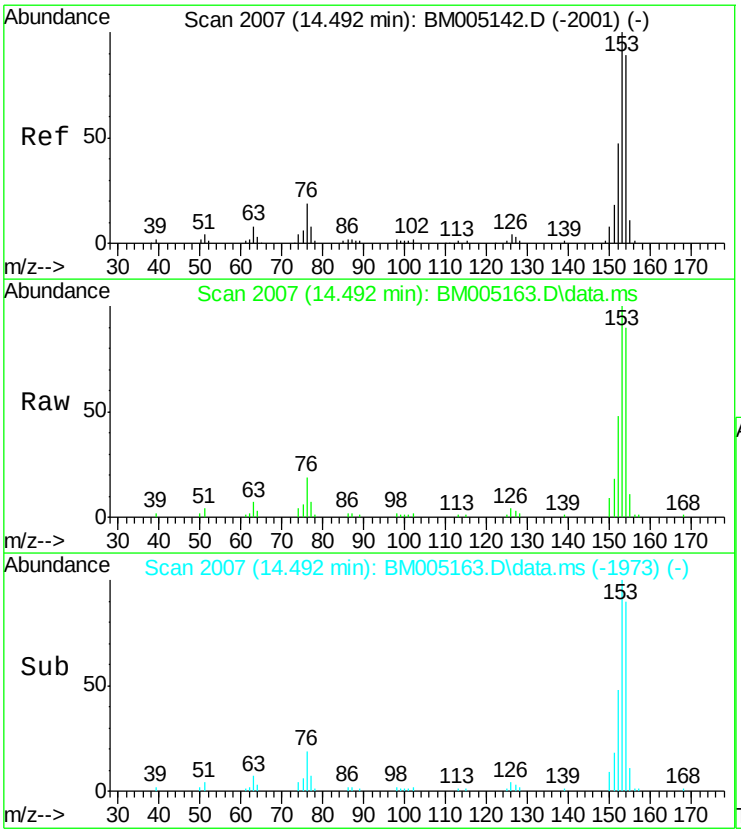
#47
Acenaphthylene
Concen: 15.14 ng/ul
RT: 14.145 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:152 Resp: 188813

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.8	10.3	15.5

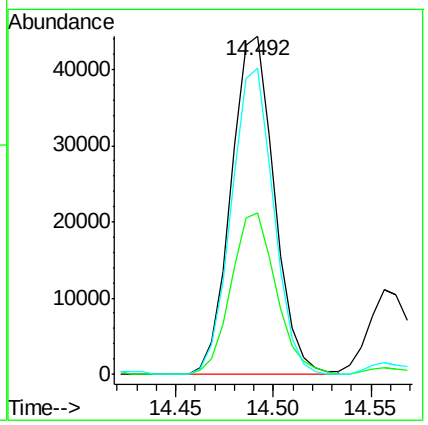


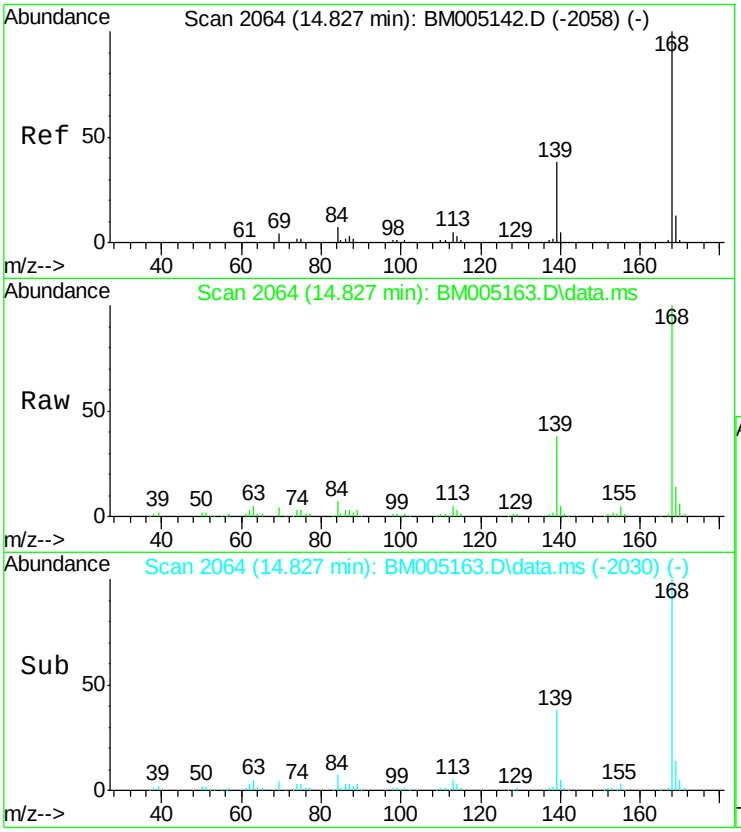


#49
Acenaphthene
Concen: 8.30 ng/ul
RT: 14.492 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:153 Resp: 68098

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.7	56.5
154	90.4	71.4	107.2



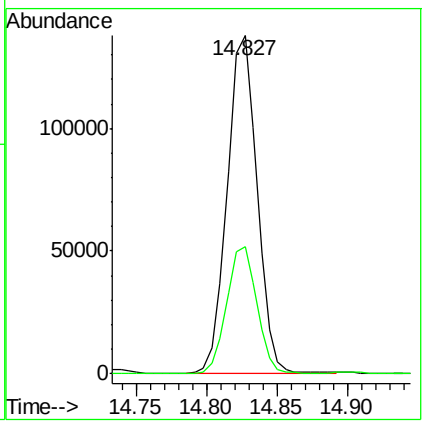


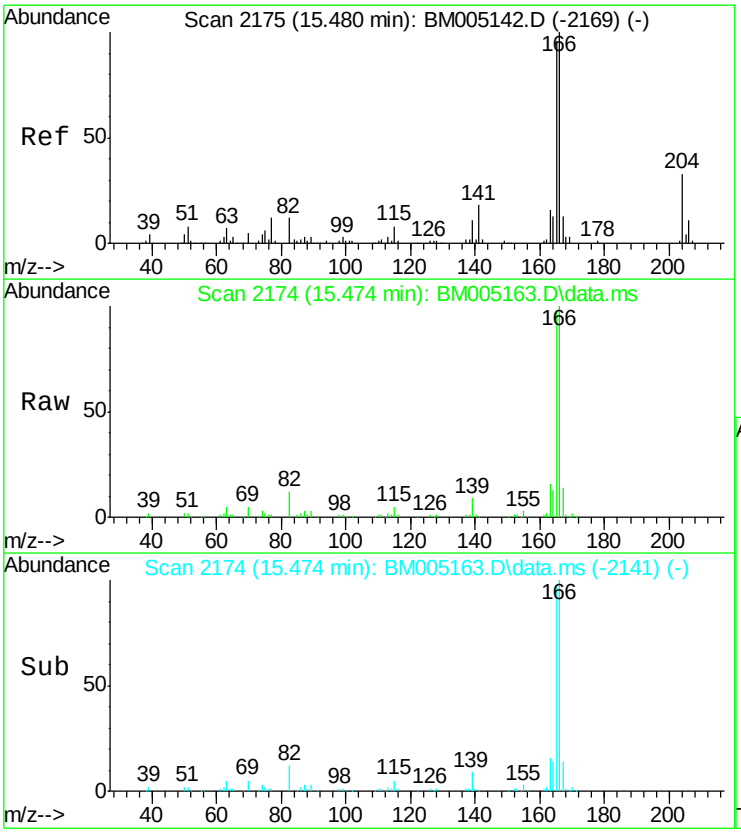
#53
Dibenzofuran
Concen: 16.85 ng/ul
RT: 14.827 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:168 Resp: 203975

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.9	44.9

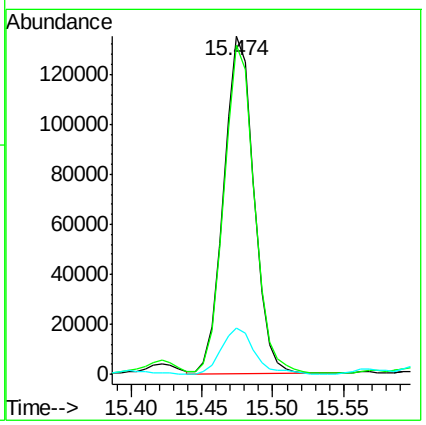


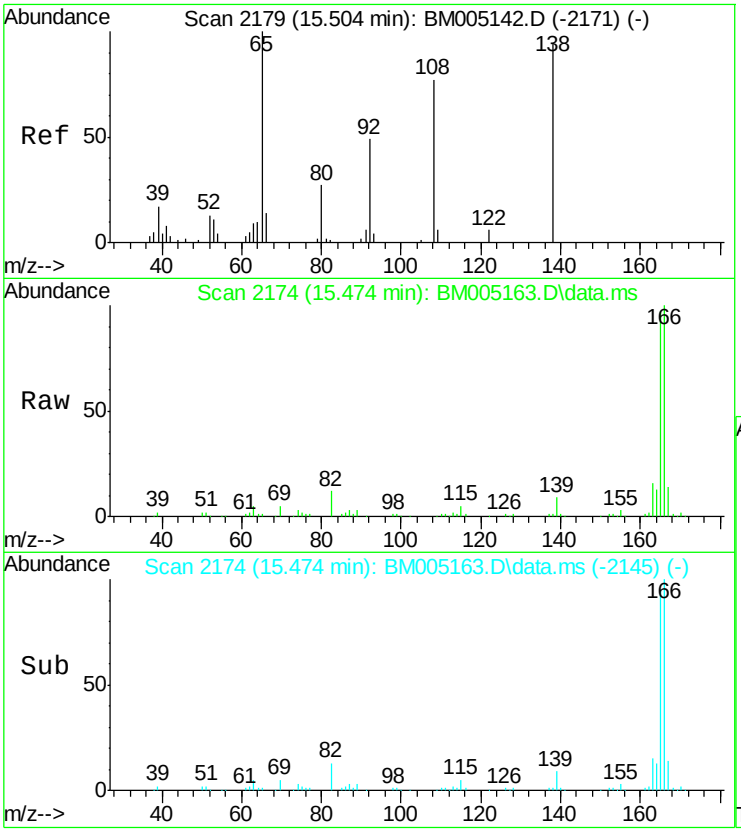


#58
Fluorene
Concen: 21.37 ng/ul
RT: 15.474 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:166 Resp: 200805

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.7	116.5
167	13.7	10.9	16.3



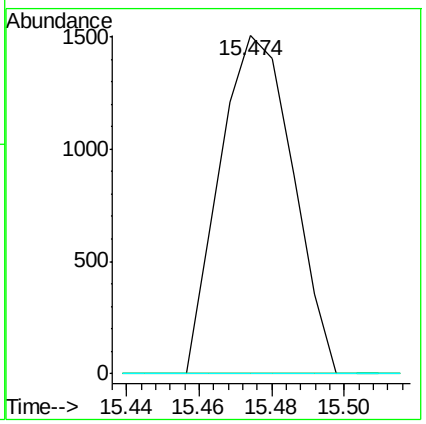


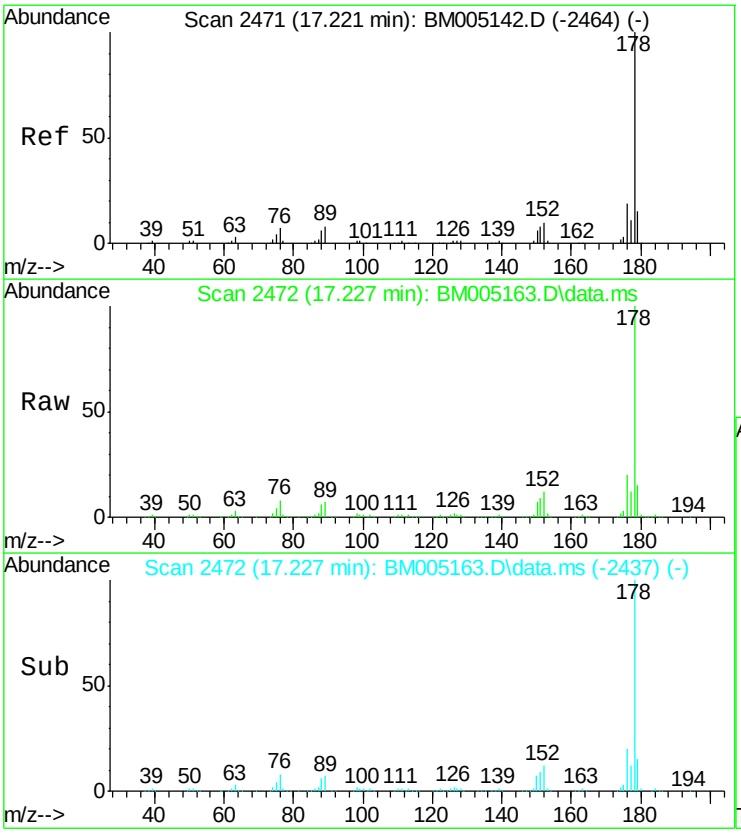
#60
4-Nitroaniline
Concen: 1.00 ng/ul
RT: 15.474 min Scan# 21
Delta R.T. -0.029 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:138 Resp: 2104

Ion	Ratio	Lower	Upper
138	100		
92	0.0	41.0	61.6#
108	0.0	66.8	100.2#

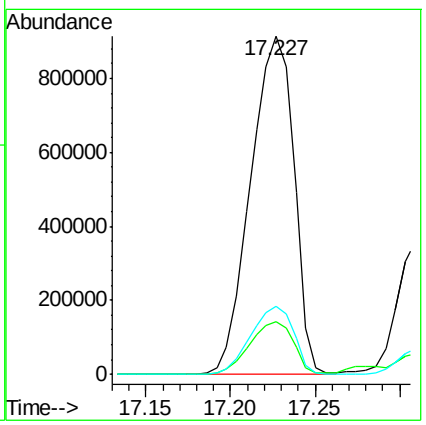


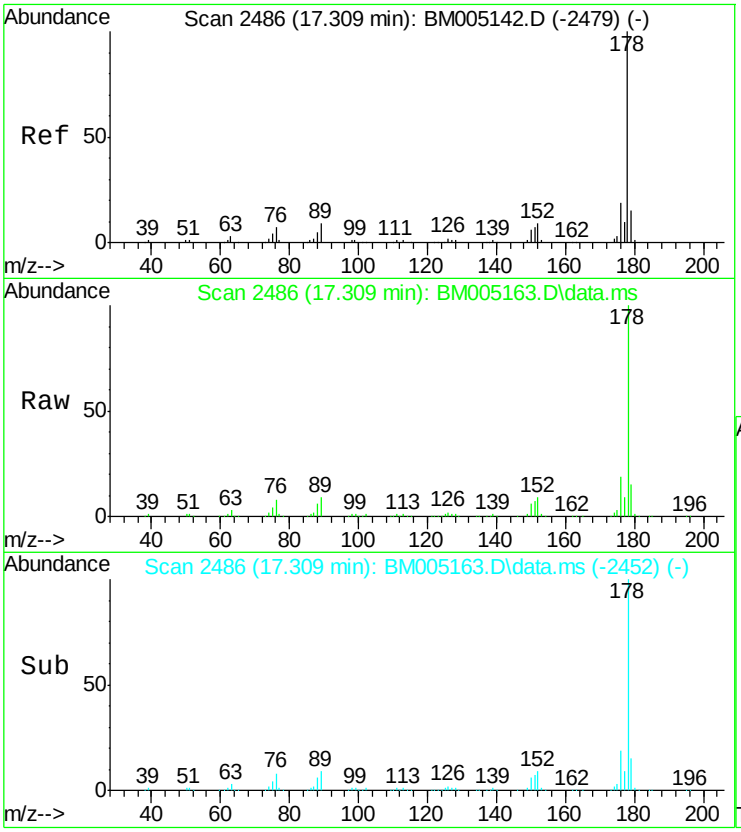


#69
Phenanthrene
Concen: 108.81 ng/ul
RT: 17.227 min Scan# 2472
Delta R.T. 0.006 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:178 Resp: 1632400

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	20.0	15.2	22.8



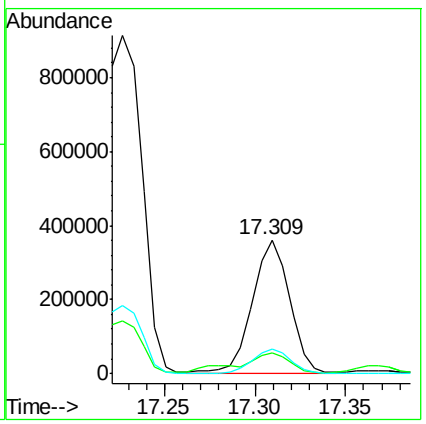


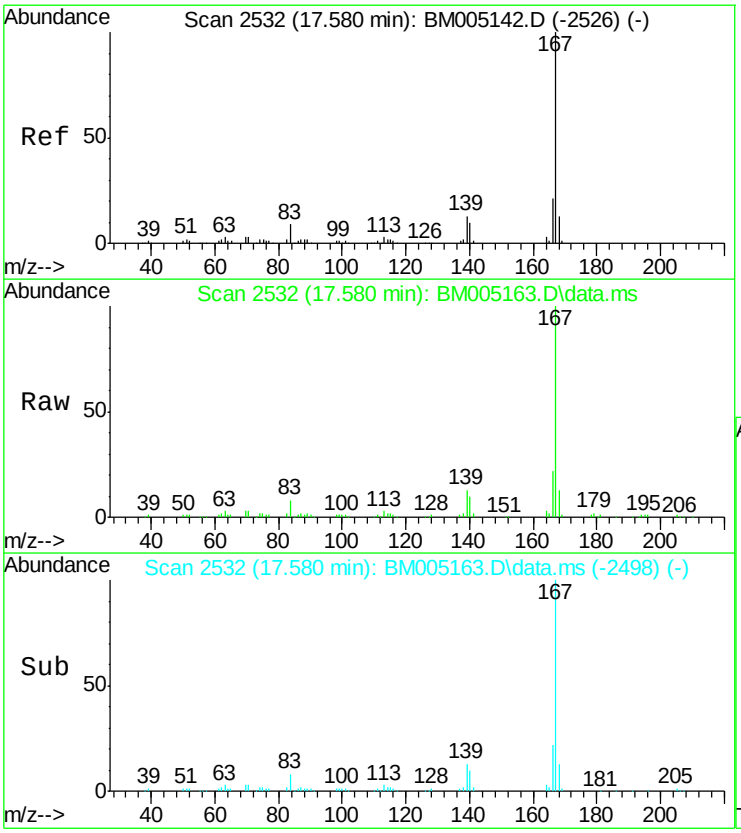
#71
Anthracene
Concen: 34.19 ng/ul
RT: 17.309 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:178 Resp: 517183

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.5	14.6	22.0

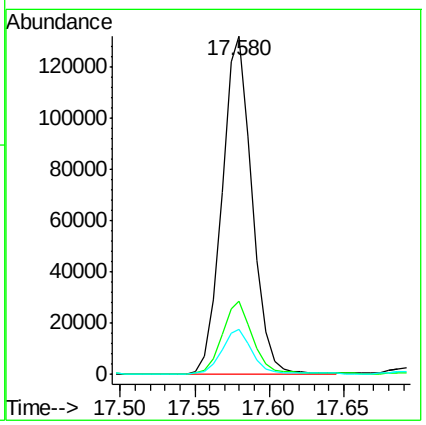


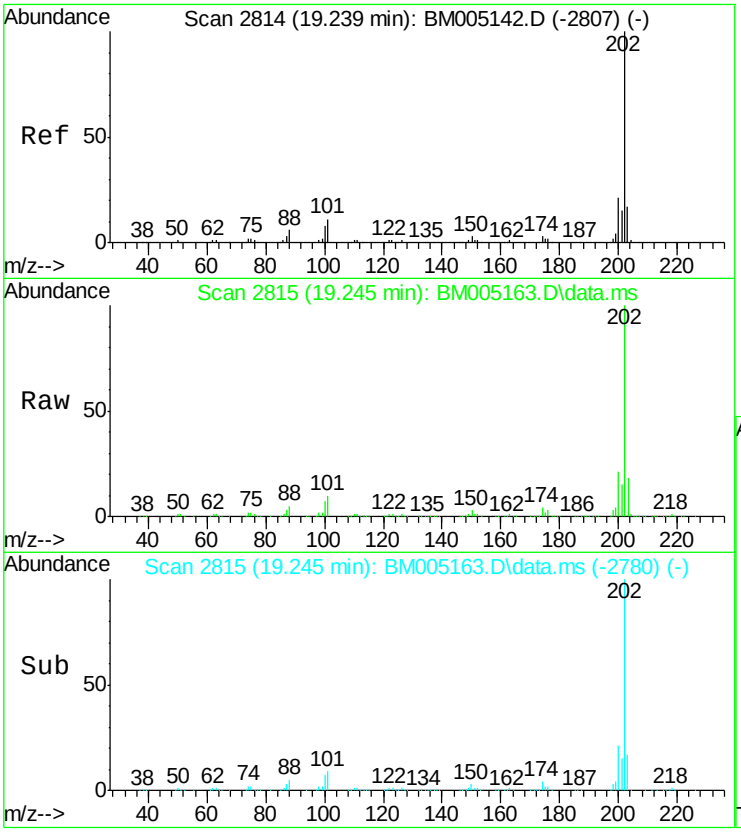


#72
Carbazole
Concen: 14.35 ng/ul
RT: 17.580 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:167 Resp: 186155

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.6	25.0
139	13.2	10.2	15.4



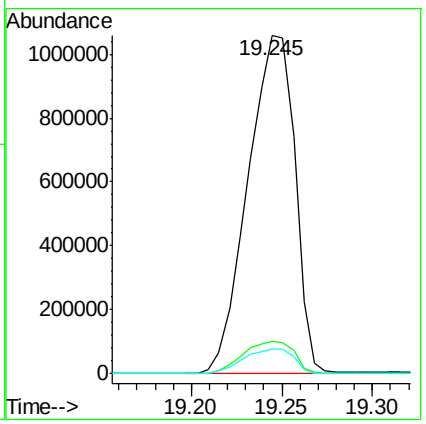


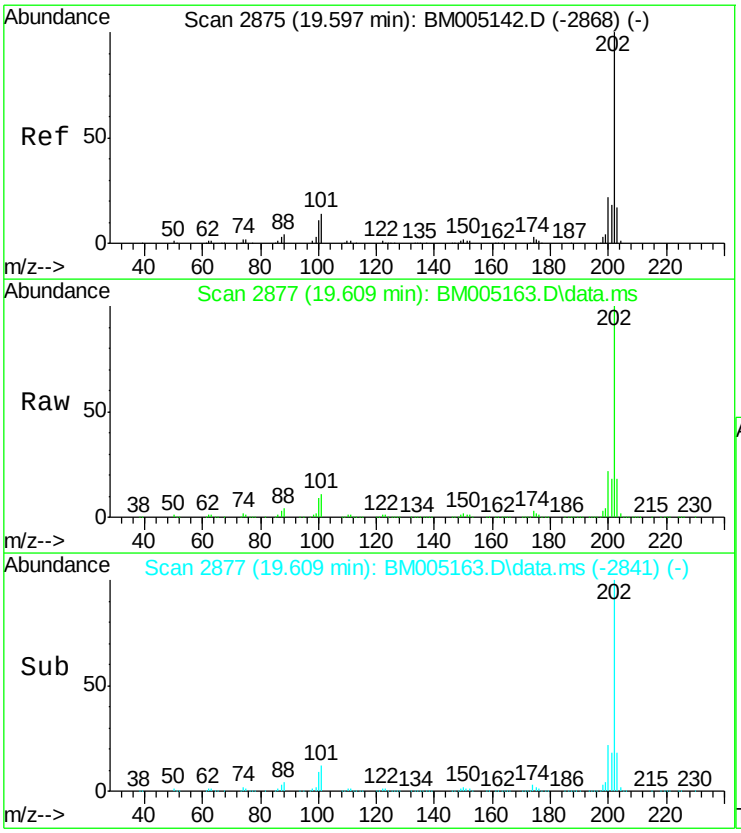
#74
Fluoranthene
Concen: 115.37 ng/ul
RT: 19.245 min Scan# 28
Delta R.T. 0.006 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:202 Resp: 1904916

Ion	Ratio	Lower	Upper
202	100		
101	9.5	9.0	13.4
100	7.2	6.6	10.0

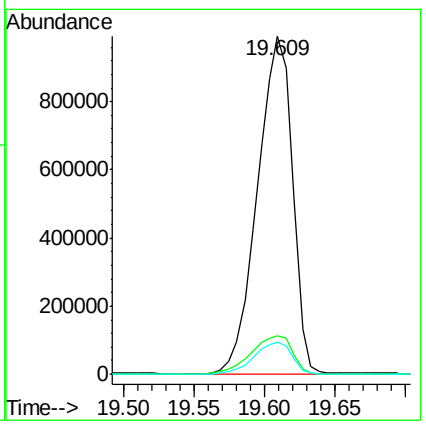


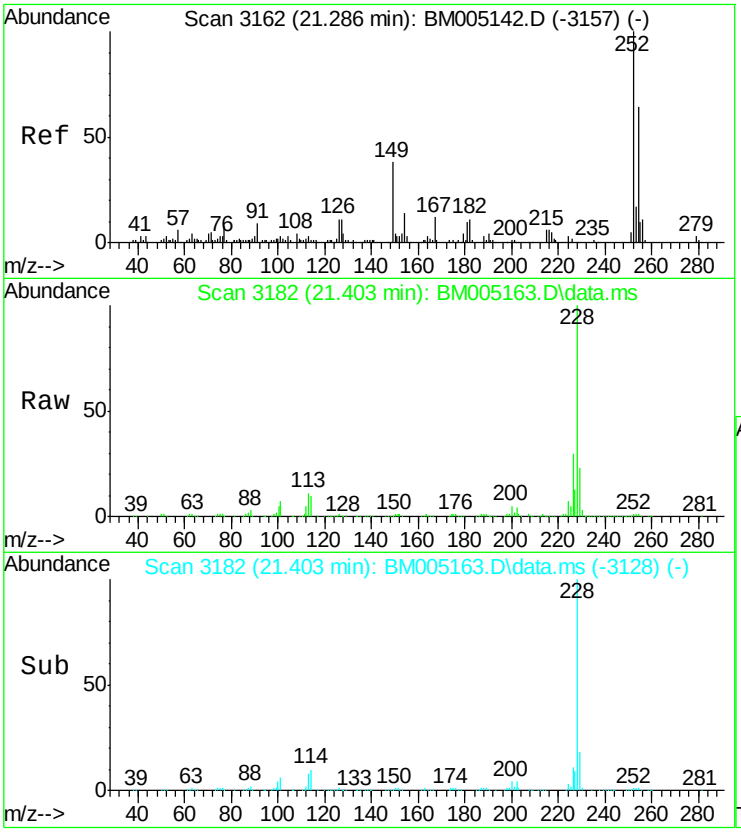


#77
Pyrene
Concen: 131.24 ng/ul
RT: 19.609 min Scan# 2877
Delta R.T. 0.012 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:202 Resp: 1731773

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.5	15.7
100	9.3	8.2	12.2



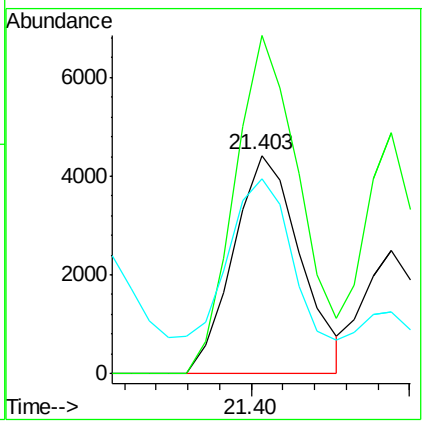


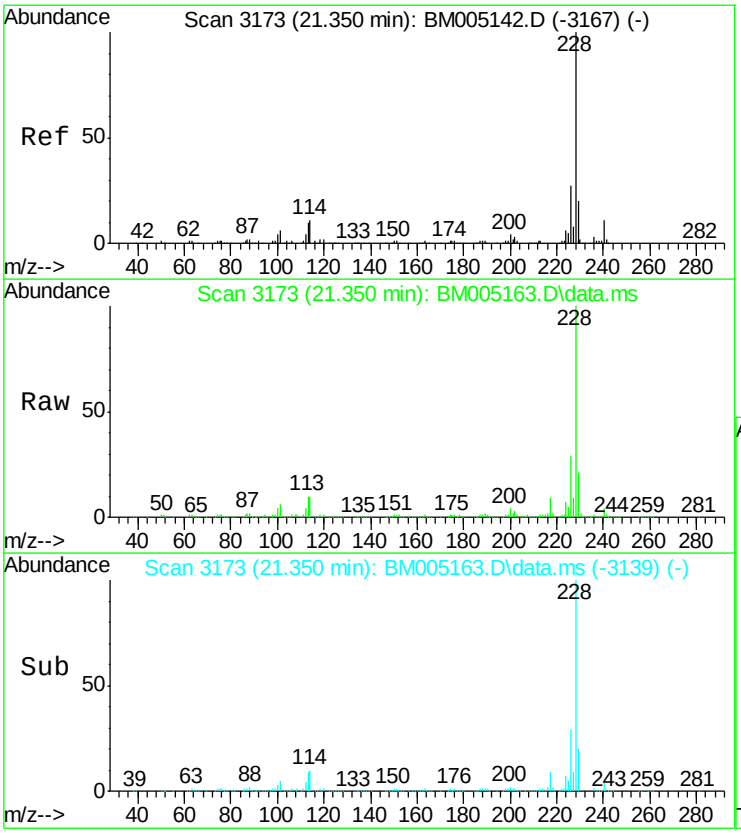
#79
3,3'-Dichlorobenzidine
Concen: 1.59 ng/ul
RT: 21.403 min Scan# 31
Delta R.T. 0.118 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:252 Resp: 6500

Ion	Ratio	Lower	Upper
252	100		
254	155.2	50.4	75.6#
126	89.6	8.7	13.1#

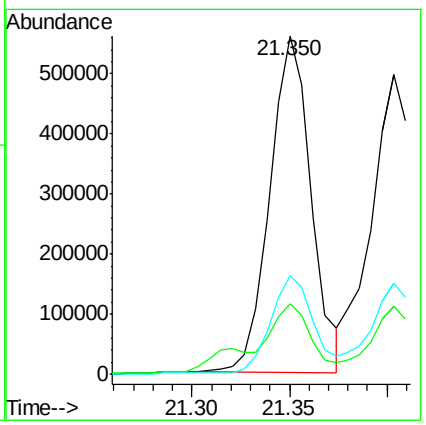


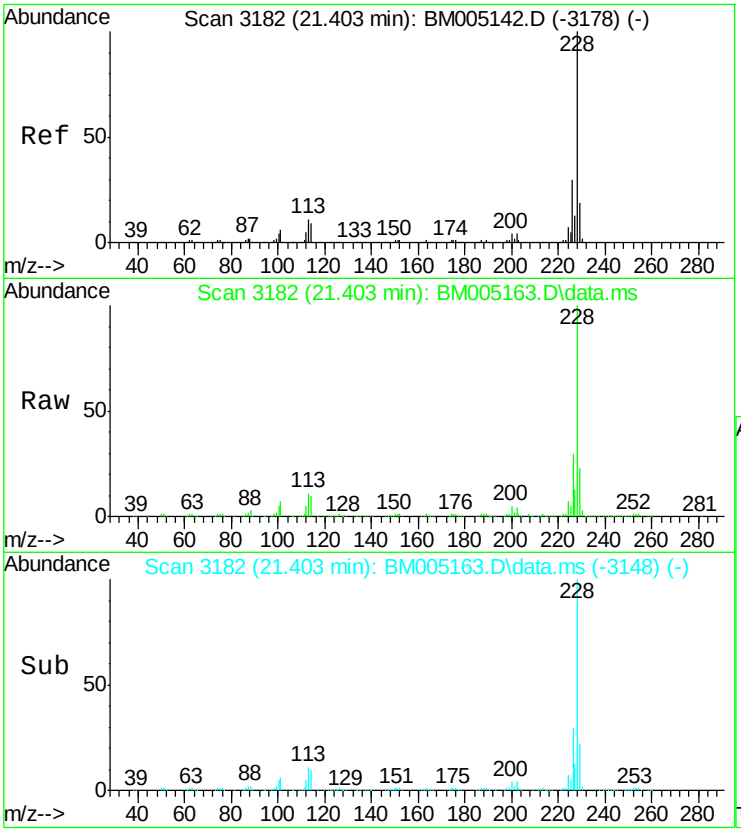


#80
Benzo(a)anthracene
Concen: 62.61 ng/ul
RT: 21.350 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:228 Resp: 818569

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	29.1	21.5	32.3



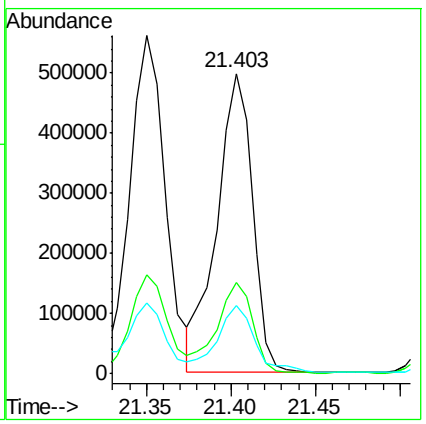


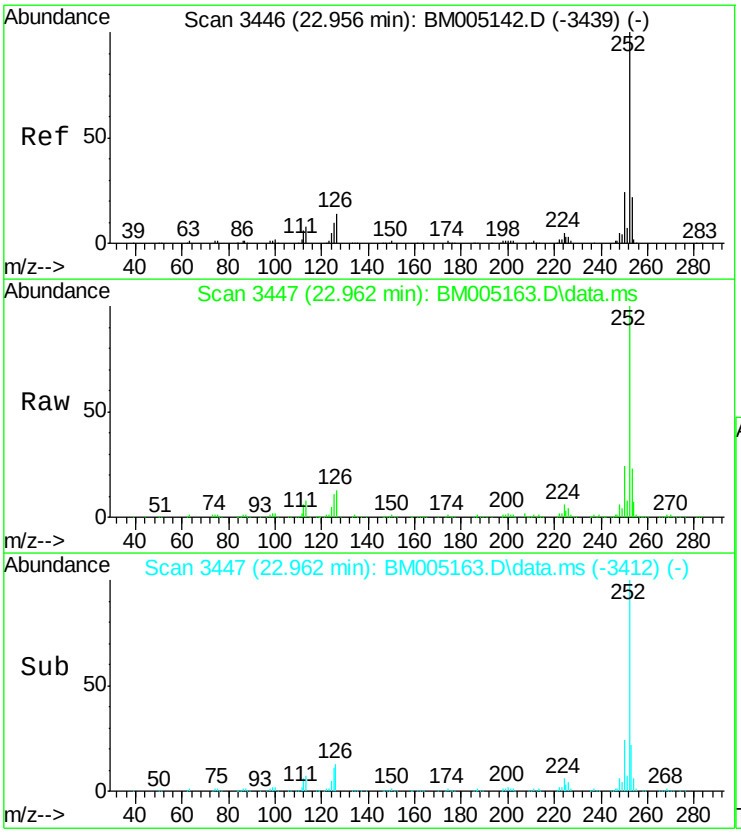
#82
Chrysene
Concen: 58.32 ng/ul
RT: 21.403 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:228 Resp: 729692

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	22.5	15.5	23.3

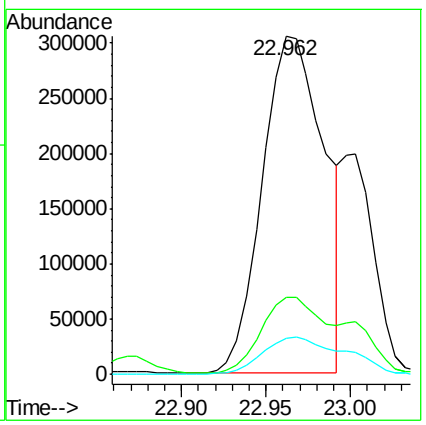


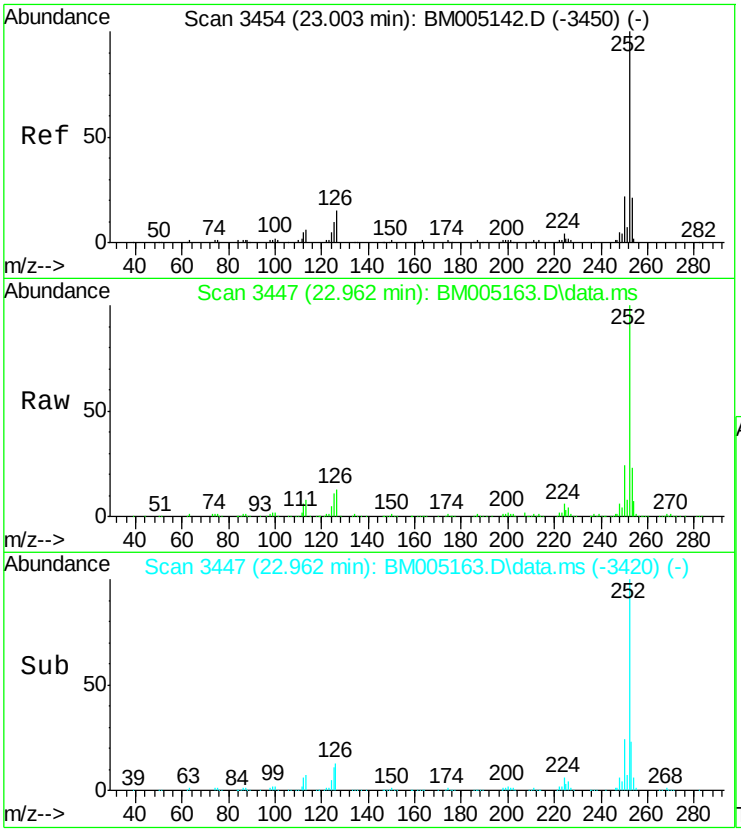


#85
Benzo(b)fluoranthene
Concen: 61.73 ng/ul
RT: 22.962 min Scan# 3447
Delta R.T. 0.006 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:252 Resp: 779933

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	10.7	7.8	11.6



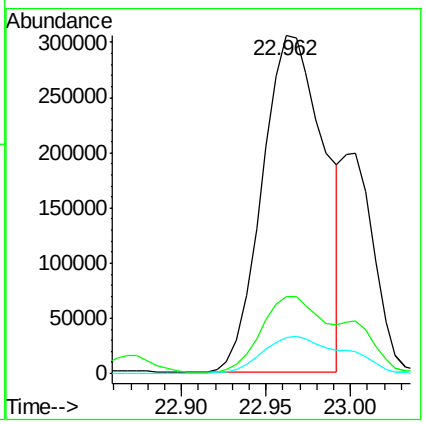


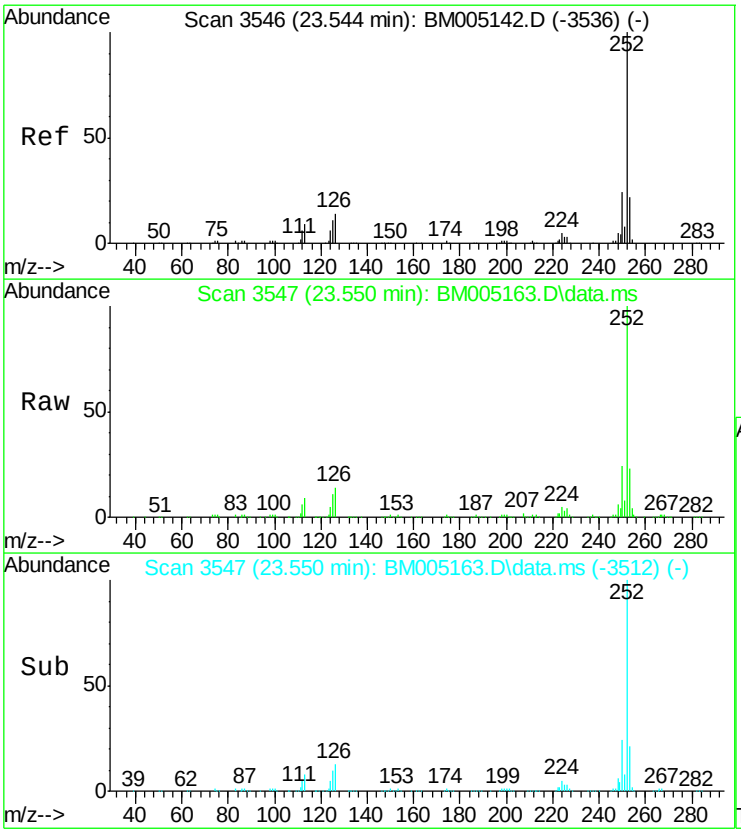
#86
Benzo(k)fluoranthene
Concen: 63.48 ng/ul
RT: 22.962 min Scan# 34
Delta R.T. -0.041 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:252 Resp: 779933

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.7	7.9	11.9

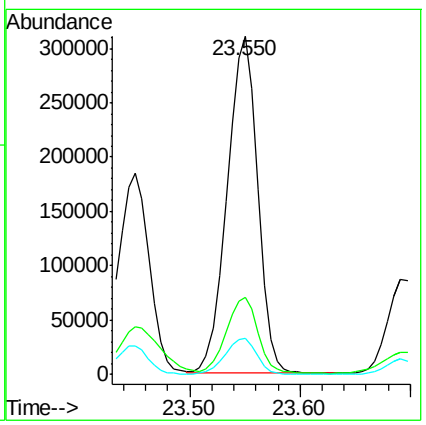


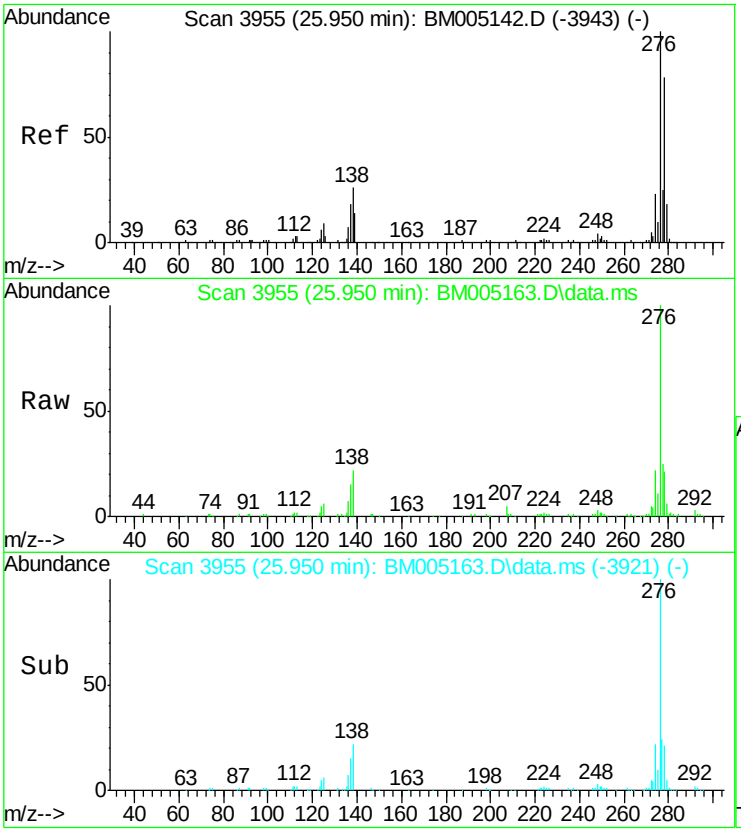


#88
Benzo(a)pyrene
Concen: 50.86 ng/ul
RT: 23.550 min Scan# 3547
Delta R.T. 0.006 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:252 Resp: 599991

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.5	8.3	12.5



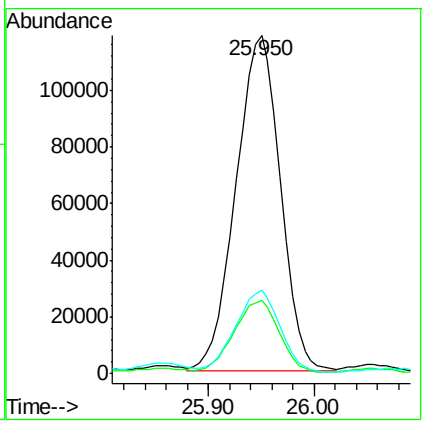


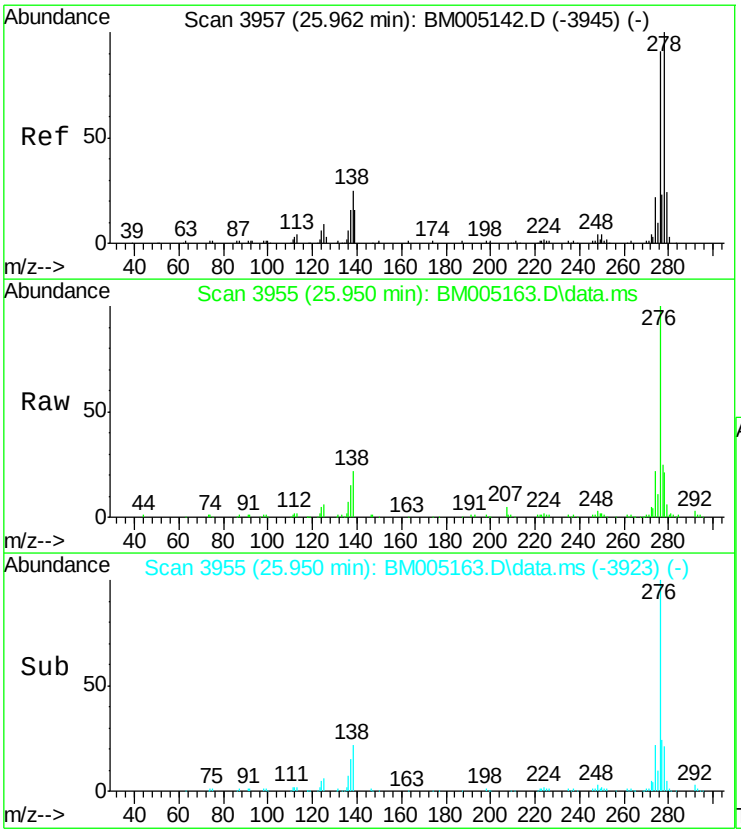
#89
Indeno(1,2,3-cd)pyrene
Concen: 30.71 ng/ul
RT: 25.950 min Scan# 39
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:276 Resp: 345743

Ion	Ratio	Lower	Upper
276	100		
138	21.7	20.2	30.4
277	24.7	20.4	30.6

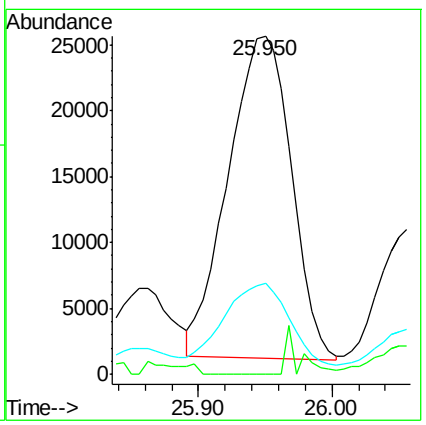


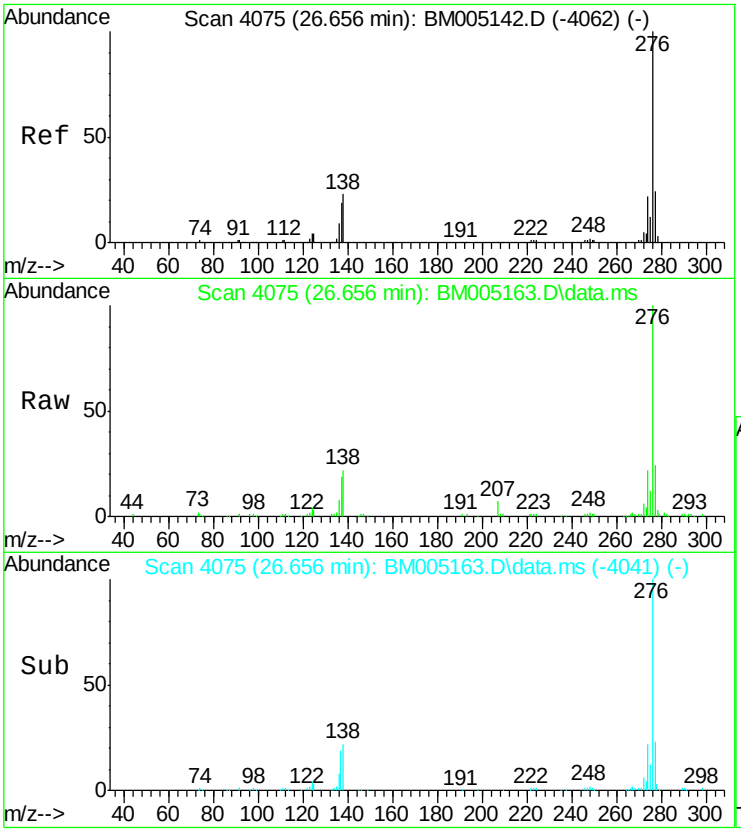


#90
Dibenzo(a,h)anthracene
Concen: 8.54 ng/ul
RT: 25.950 min Scan# 3955
Delta R.T. -0.012 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Tgt Ion:278 Resp: 80329

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	19.0#
279	27.0	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 32.72 ng/ul
RT: 26.656 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM005163.D
Acq: 30 Apr 2016 04:10

Instrument :
BNA_M
ClientSampleId :
BD3D0

Tgt Ion:276 Resp: 301329

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.4	26.2
277	23.6	19.0	28.4