Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003624.D
Acq On : 19 Dec 2015 17:44
Operator : UM/SJ
Sample : G4801-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C64

Quant Time: Dec 20 01:39:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	23227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	124472	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	87270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	214153	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	286497	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	317619	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	1743	4.04	ng/uL	0.00
5) Phenol-d5	6.87	99	45664	23.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	27125	26.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	39862	24.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	42483	25.06	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	21688	24.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	24732	24.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	43399	23.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	49596	20.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	175428	24.32	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	198713	24.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	33894	24.12	ng/ul	0.00
58) Fluorene-d10	15.35	176	152128	25.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	25262	20.93	ng/ul	0.00
71) Anthracene-d10	17.20	188	254297	26.10	ng/ul	0.00
79) Pyrene-d10	19.50	212	314601	25.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	419623	26.60	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.85	77	1711	1.52	ng/ul#	1
6) Phenol	6.90	94	2853	1.38	ng/ul#	95
28) Naphthalene	10.55	128	1357021	211.61	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	443748	92.66	ng/ul	100
35) 1-Methylnaphthalene	12.38	142	278749	61.27	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	51473	7.26	ng/ul	100
45) Dimethylphthalate	13.81	163	107682	14.59	ng/ul	100
48) Acenaphthylene	14.07	152	44102	4.91	ng/ul#	90
50) Acenaphthene	14.42	153	48109	8.02	ng/ul	99
54) Dibenzofuran	14.75	168	12986	1.52	ng/ul#	86
59) Fluorene	15.40	166	82300	11.98	ng/ul	99
70) Phenanthrene	17.14	178	523373	44.18	ng/ul	100
72) Anthracene	17.23	178	108180	8.95	ng/ul	99
77) Fluoranthene	19.16	202	194166	14.26	ng/ul	99
80) Pyrene	19.53	202	312735	18.97	ng/ul	98
83) Benzo(a)anthracene	21.34	228	128213	7.42	ng/ul	94
85) Chrysene	21.34	228	129464	7.77	ng/ul	97
88) Benzo(b)fluoranthene	22.87	252	90079	4.70	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	20293	1.12	ng/ul	97
91) Benzo(a)pyrene	23.45	252	114250	6.24	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.80	276	38941	1.98	ng/ul	97
94) Benzo(g,h,i)perylene	26.50	276	43006	2.66	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003624.D
Acq On : 19 Dec 2015 17:44
Operator : UM/SJ
Sample : G4801-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C64

Quant Time: Dec 20 01:39:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003624.D
Acq On : 19 Dec 2015 17:44
Operator : UM/SJ
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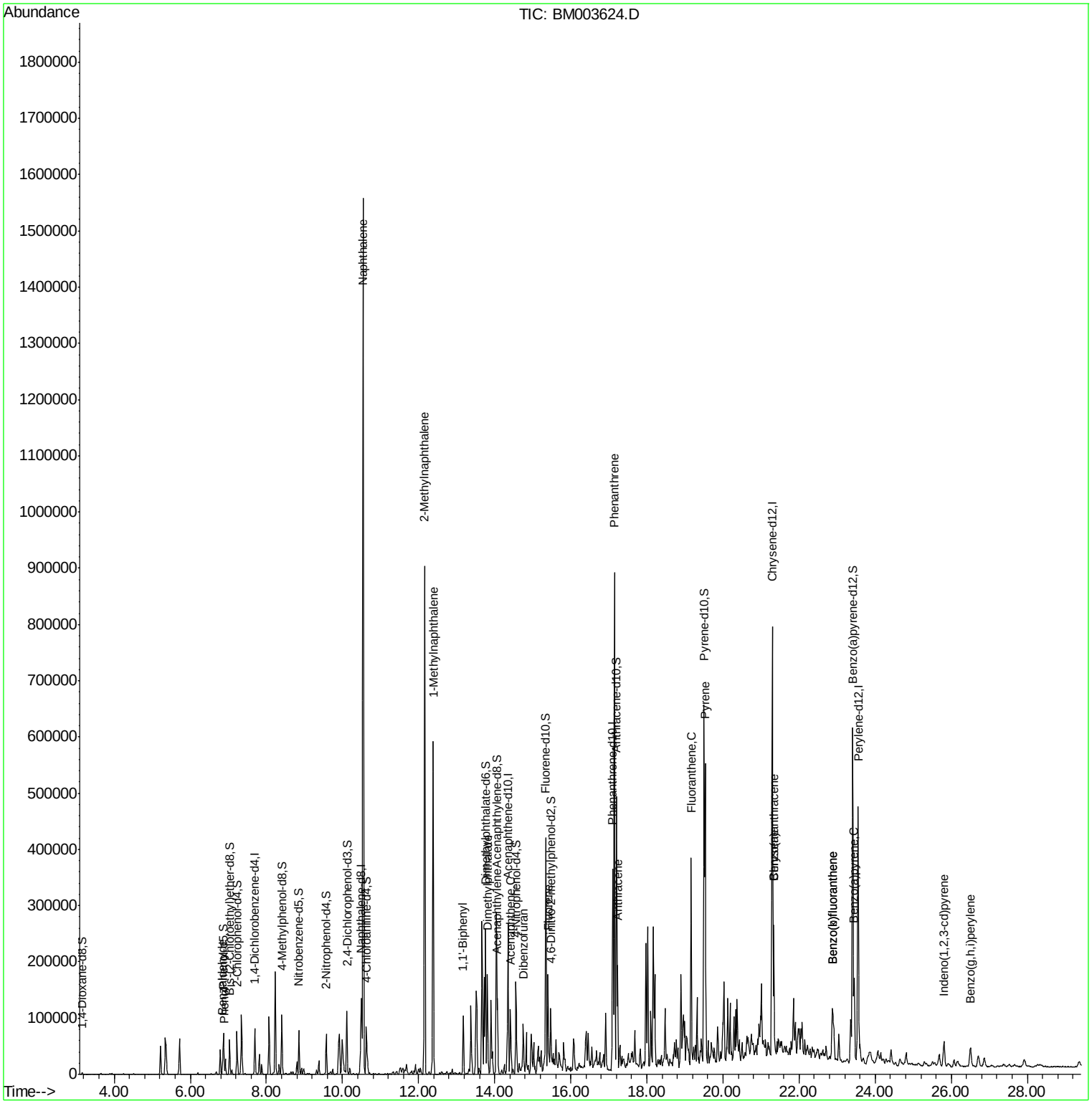
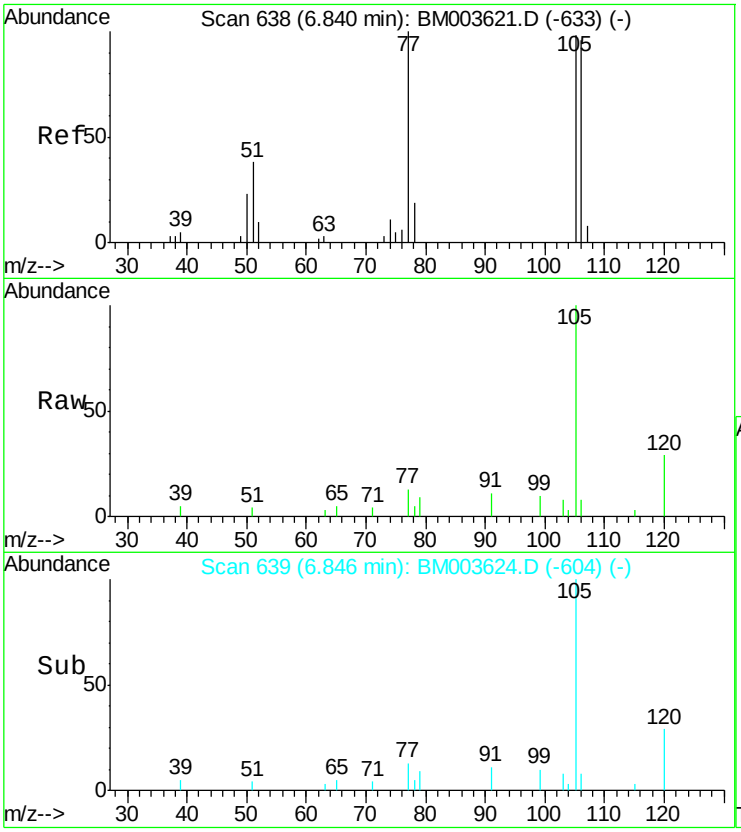
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration



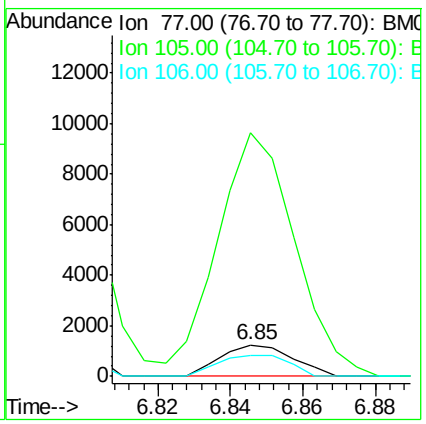


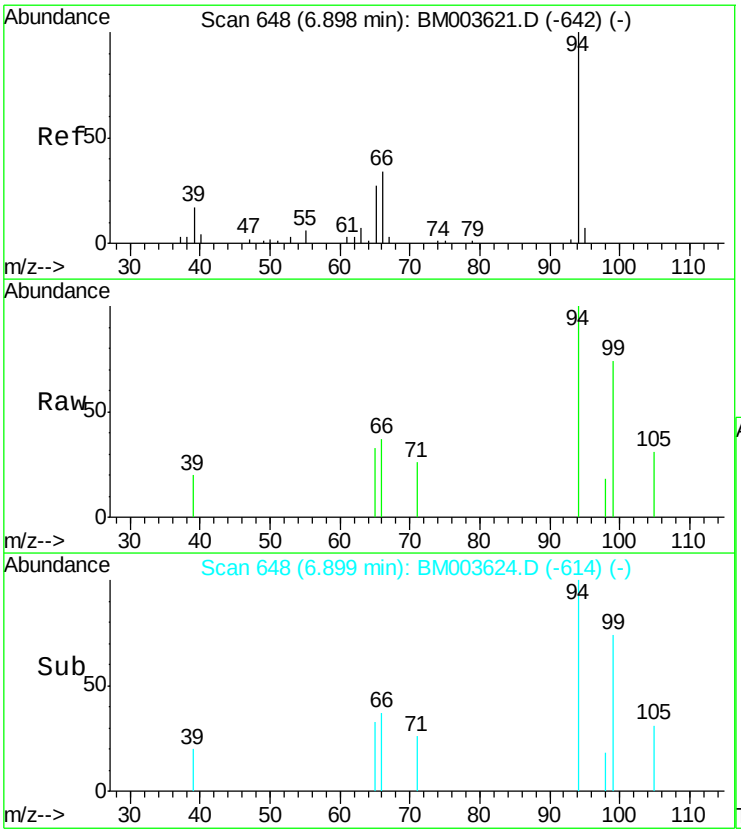
#4
Benzaldehyde
Concen: 1.52 ng/ul
RT: 6.85 min Scan# 639
Delta R.T. 0.01 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion: 77 Resp: 1711

Ion	Ratio	Lower	Upper
77	100		
105	779.8	80.6	120.8#
106	65.8	77.7	116.5#

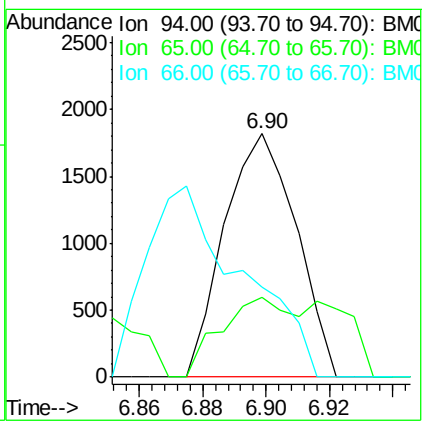


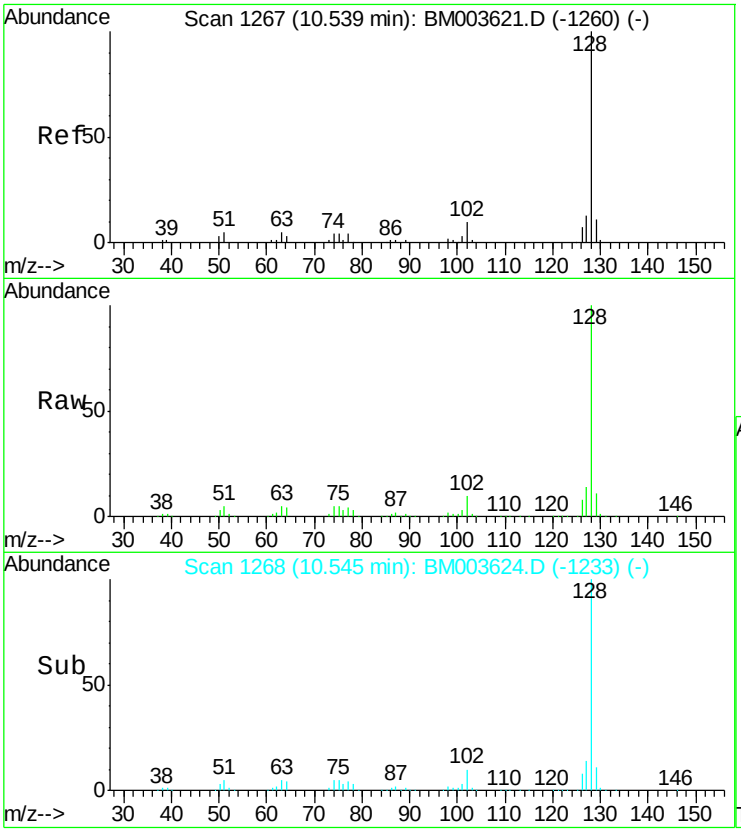


#6
Phenol
Concen: 1.38 ng/ul
RT: 6.90 min Scan# 648
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion: 94 Resp: 2853

Ion	Ratio	Lower	Upper
94	100		
65	32.6	21.0	31.6#
66	36.9	29.3	43.9



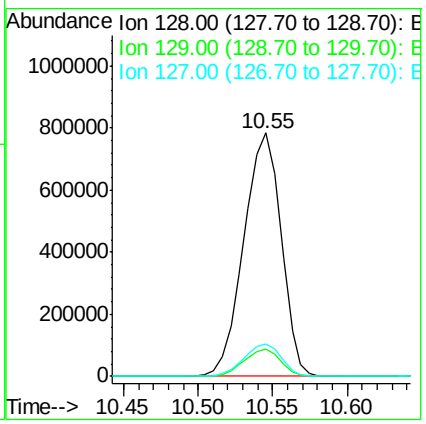


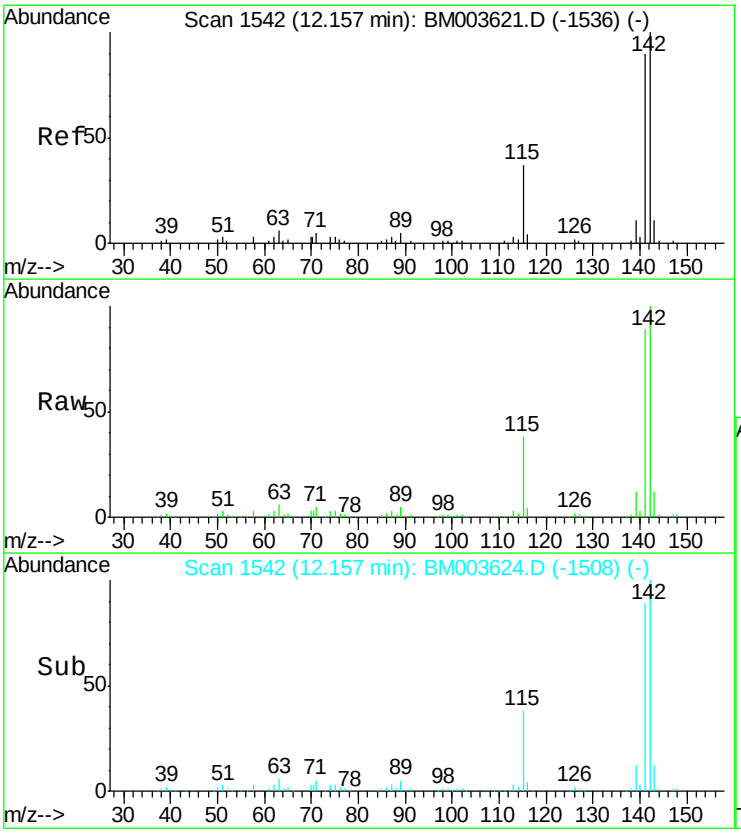
#28
Naphthalene
Concen: 211.61 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:128 Resp: 1357021

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.5	15.7

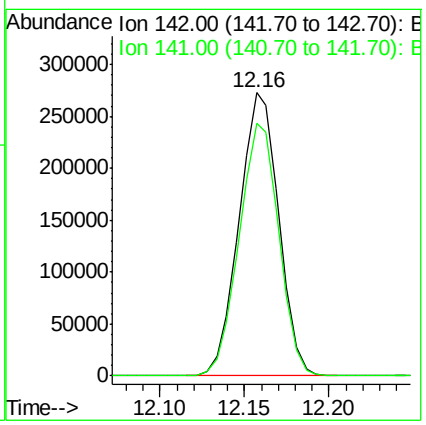


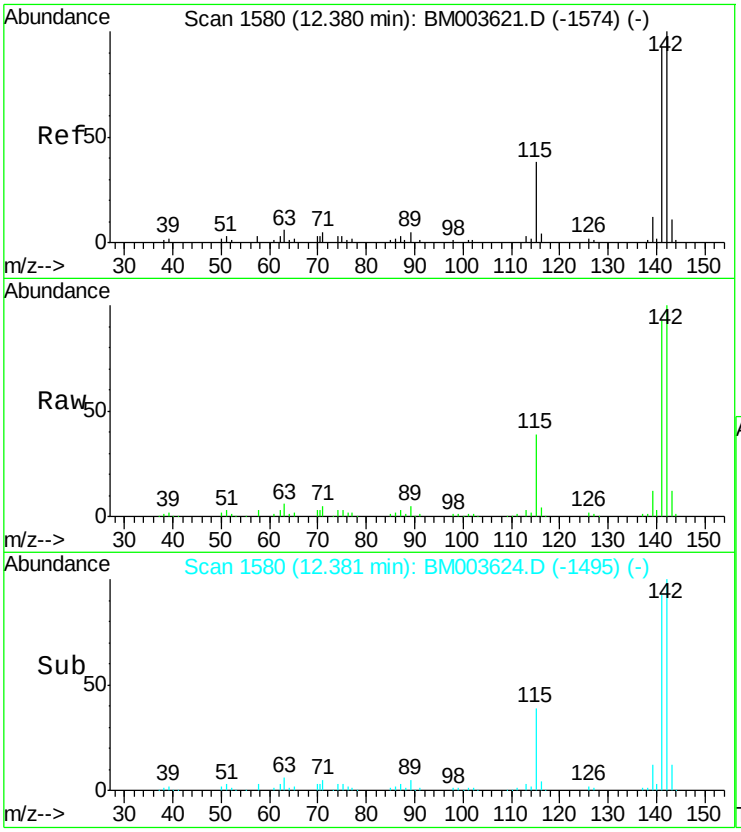


#34
2-Methylnaphthalene
Concen: 92.66 ng/ul
RT: 12.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:142 Resp: 443748

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4



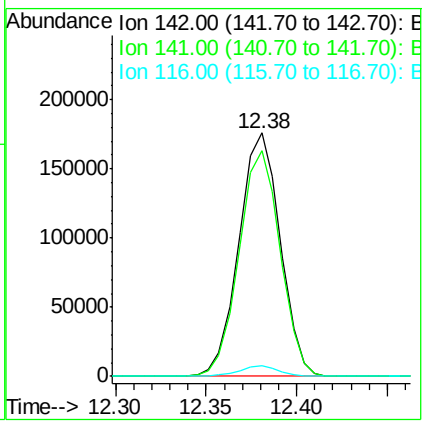


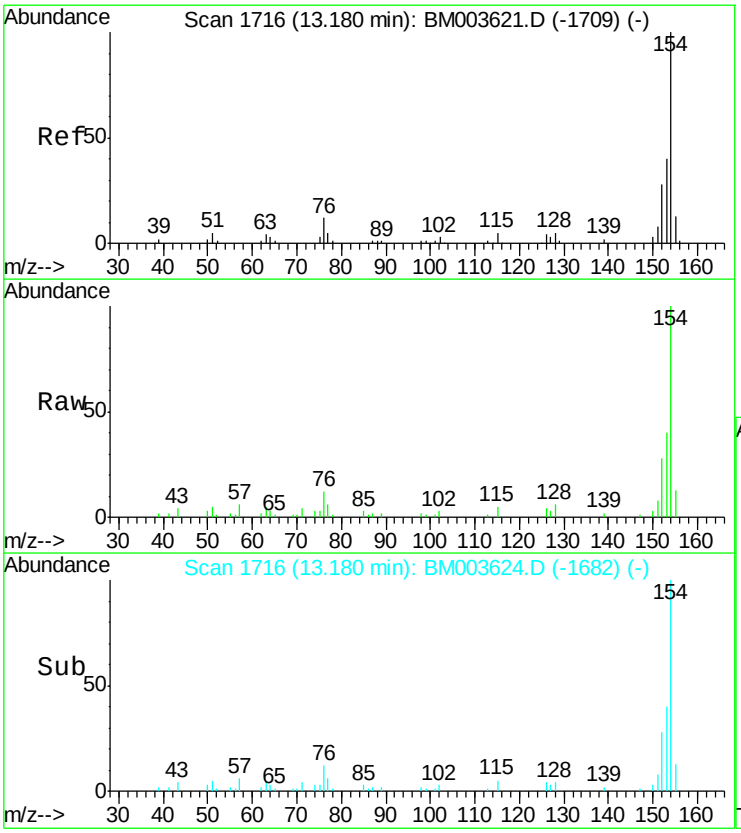
#35
1-Methylnaphthalene
Concen: 61.27 ng/ul
RT: 12.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:142 Resp: 278749

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.9	112.3
116	4.2	3.1	4.7

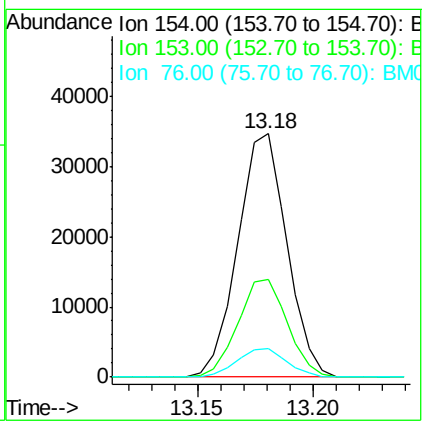


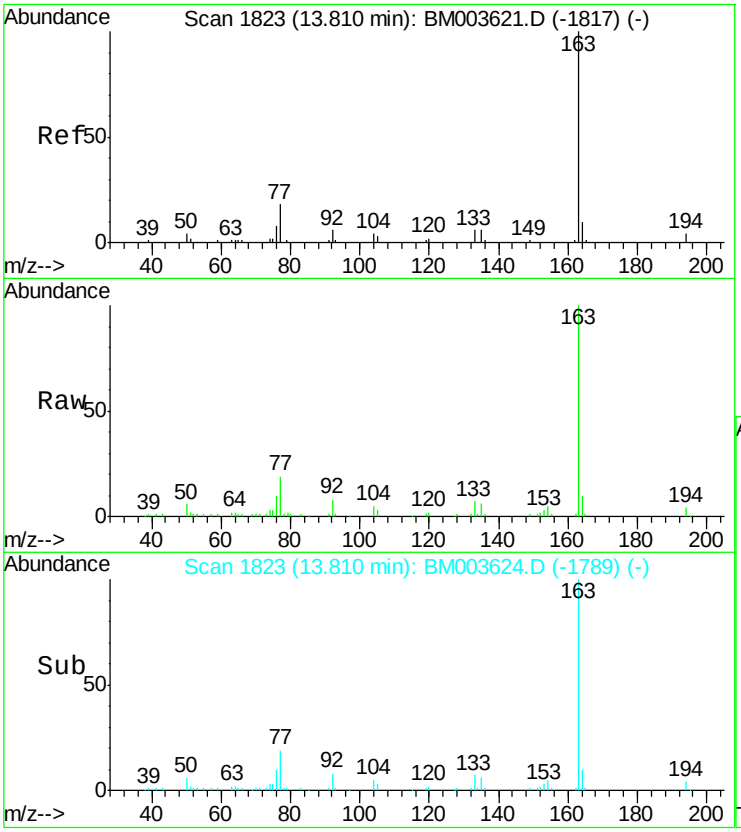


#41
1,1'-Biphenyl
Concen: 7.26 ng/ul
RT: 13.18 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:154 Resp: 51473

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.1	48.1
76	11.7	9.5	14.3



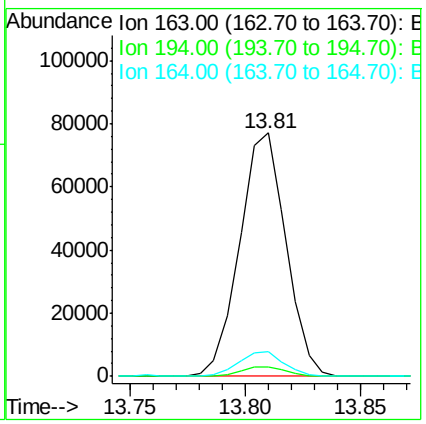


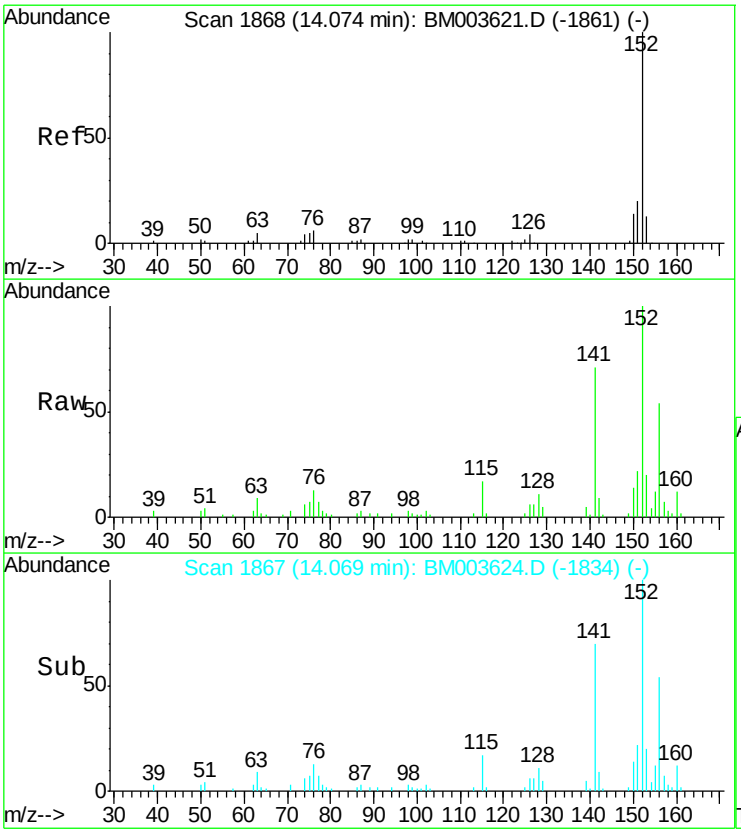
#45
Dimethylphthalate
Concen: 14.59 ng/ul
RT: 13.81 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:163 Resp: 107682

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.8	11.8

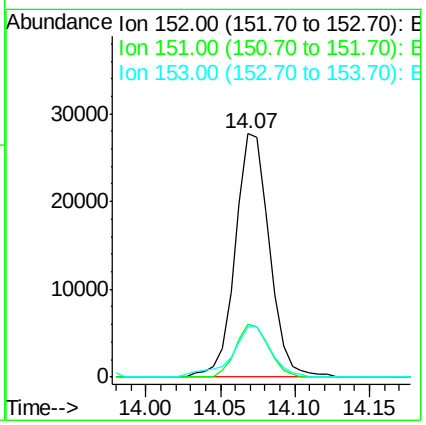


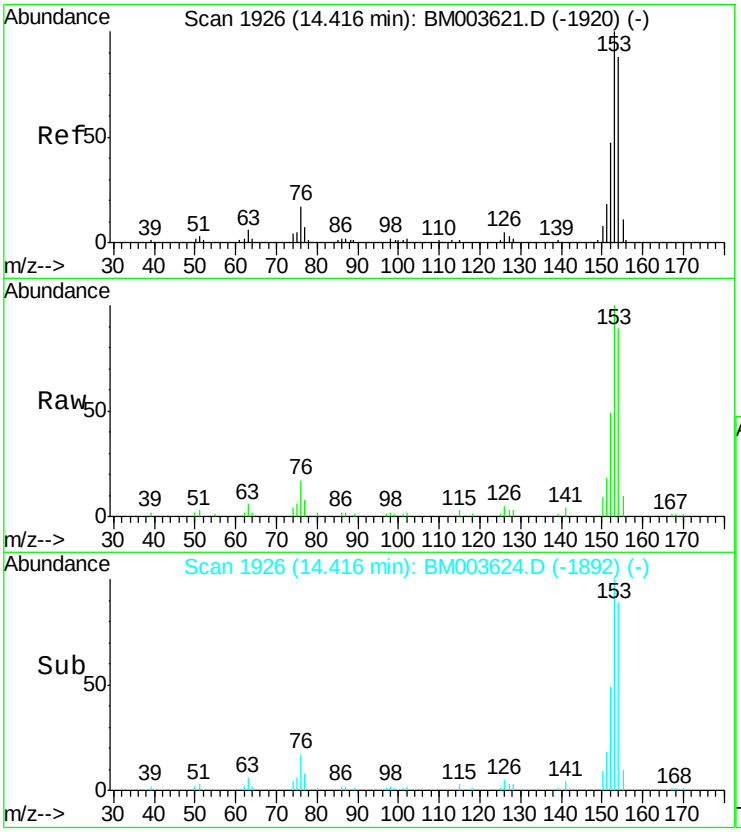


#48
Acenaphthylene
Concen: 4.91 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:152 Resp: 44102

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.7	23.5
153	20.4	10.5	15.7#



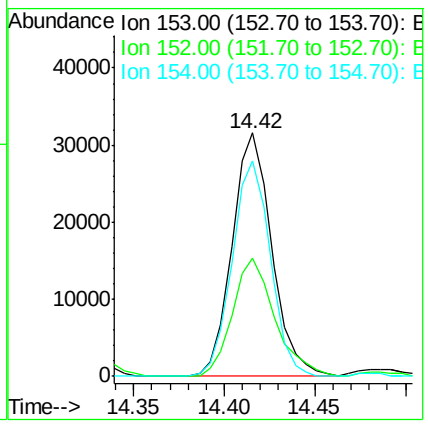


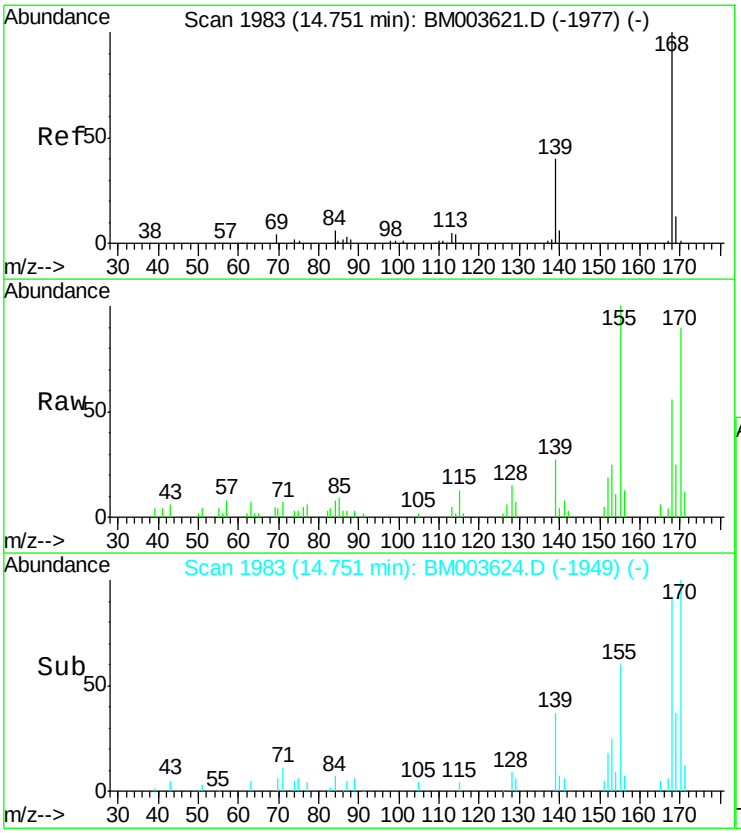
#50
Acenaphthene
Concen: 8.02 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:153 Resp: 48109

Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.3	57.5
154	88.7	71.8	107.8

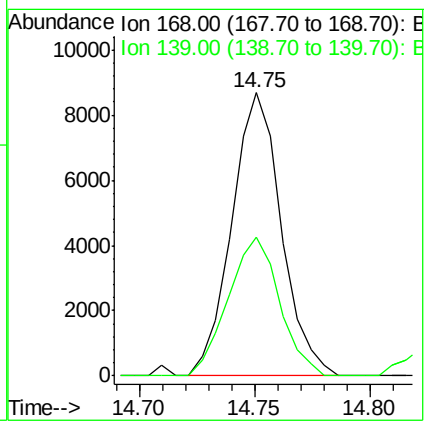


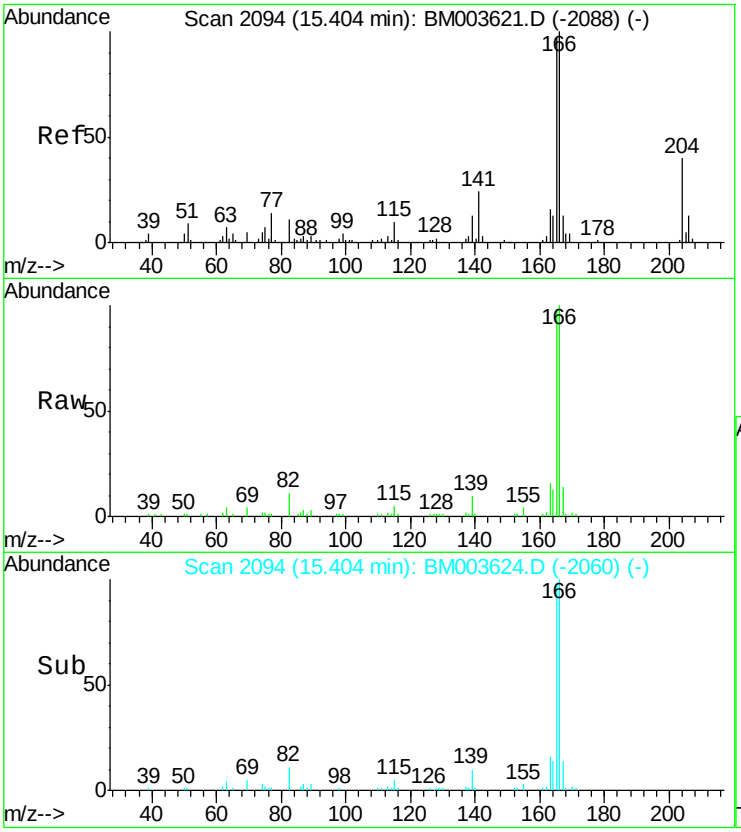


#54
Dibenzofuran
Concen: 1.52 ng/ul
RT: 14.75 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:168 Resp: 12986

Ion	Ratio	Lower	Upper
168	100		
139	48.8	32.2	48.2#



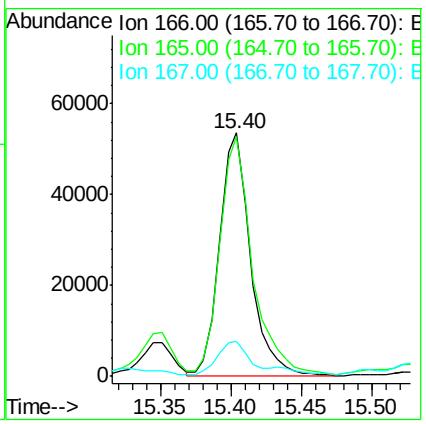


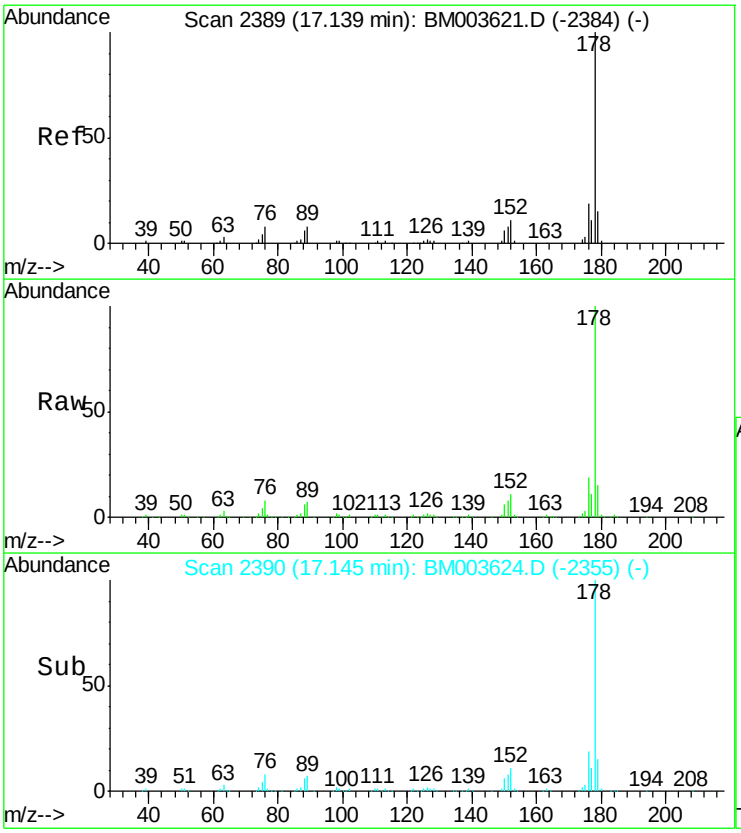
#59
Fluorene
Concen: 11.98 ng/ul
RT: 15.40 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:166 Resp: 82300

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	14.2	10.7	16.1

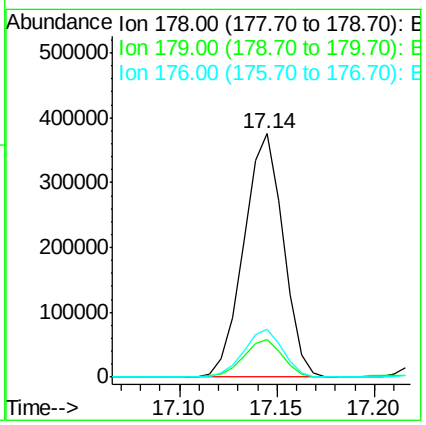


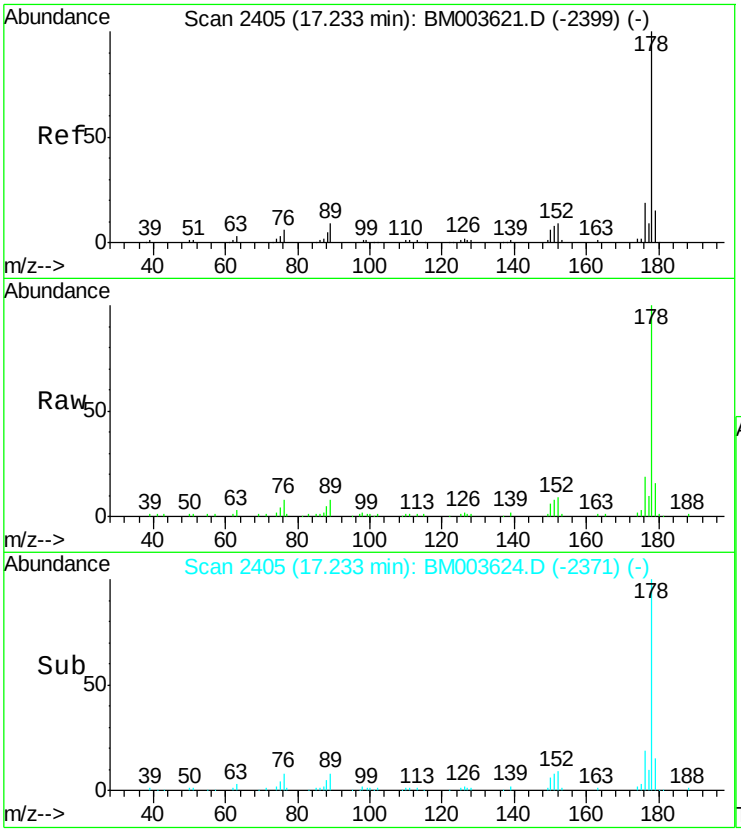


#70
Phenanthrene
Concen: 44.18 ng/ul
RT: 17.14 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:178 Resp: 523373

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.4	15.6	23.4



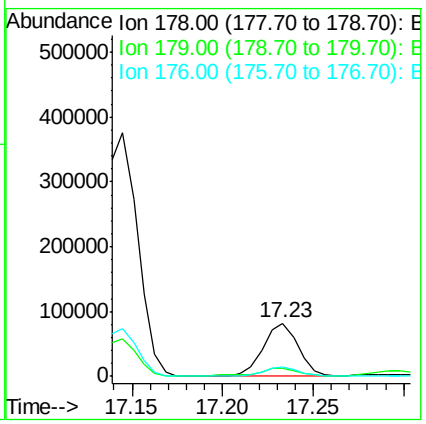


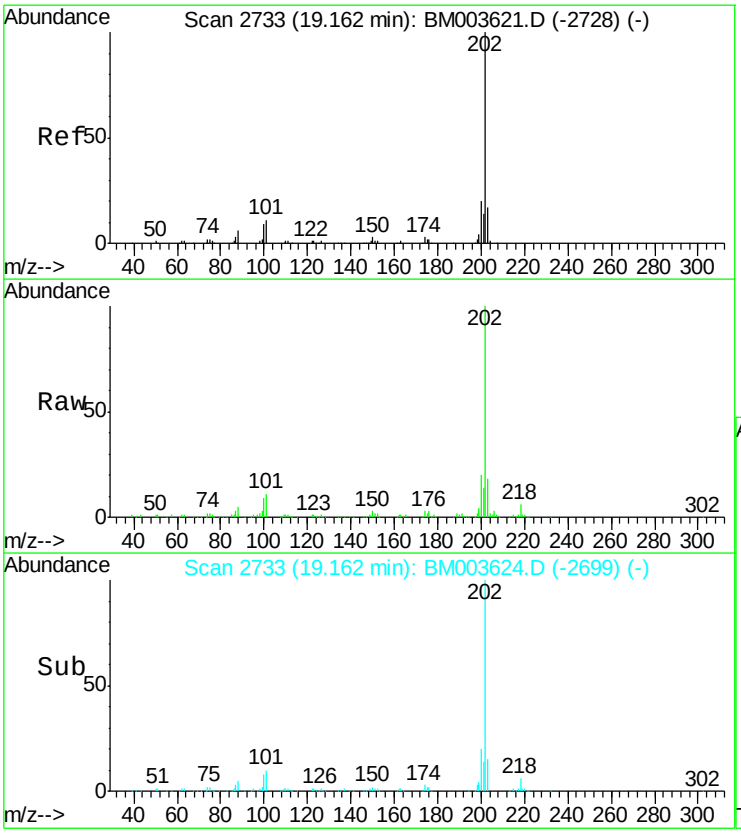
#72
Anthracene
Concen: 8.95 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:178 Resp: 108180

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.7	14.8	22.2

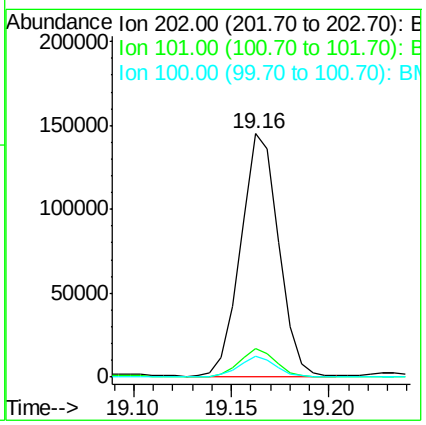


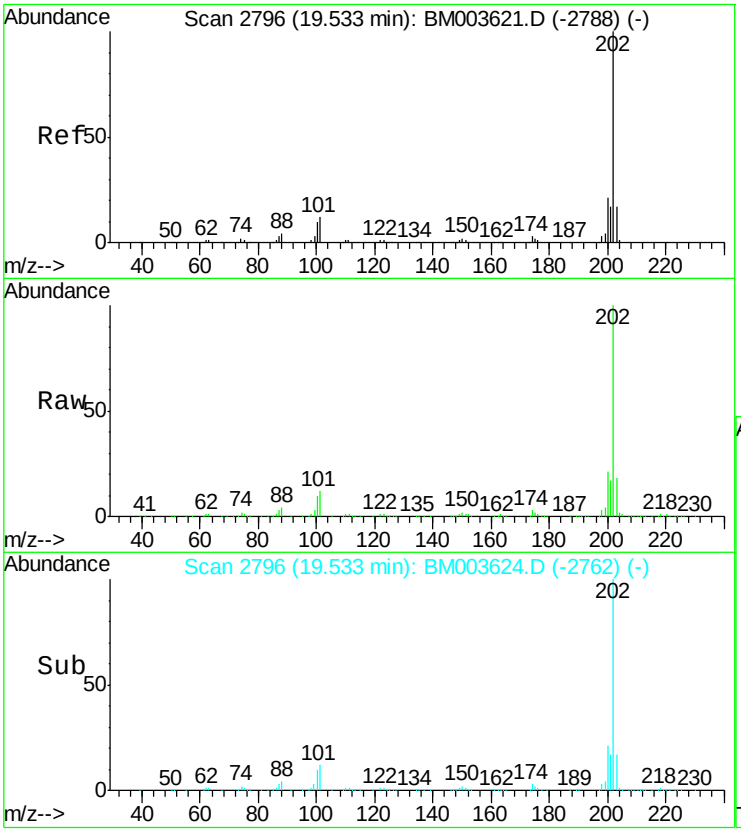


#77
Fluoranthene
Concen: 14.26 ng/ul
RT: 19.16 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:202 Resp: 194166

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.7	6.6	9.8



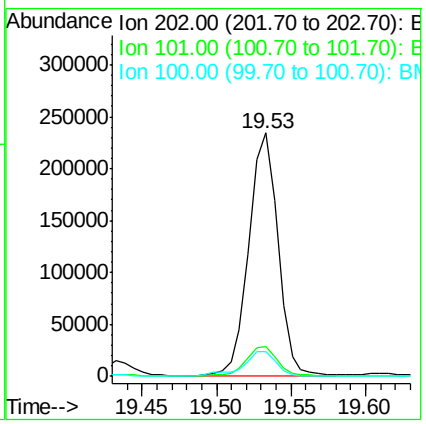


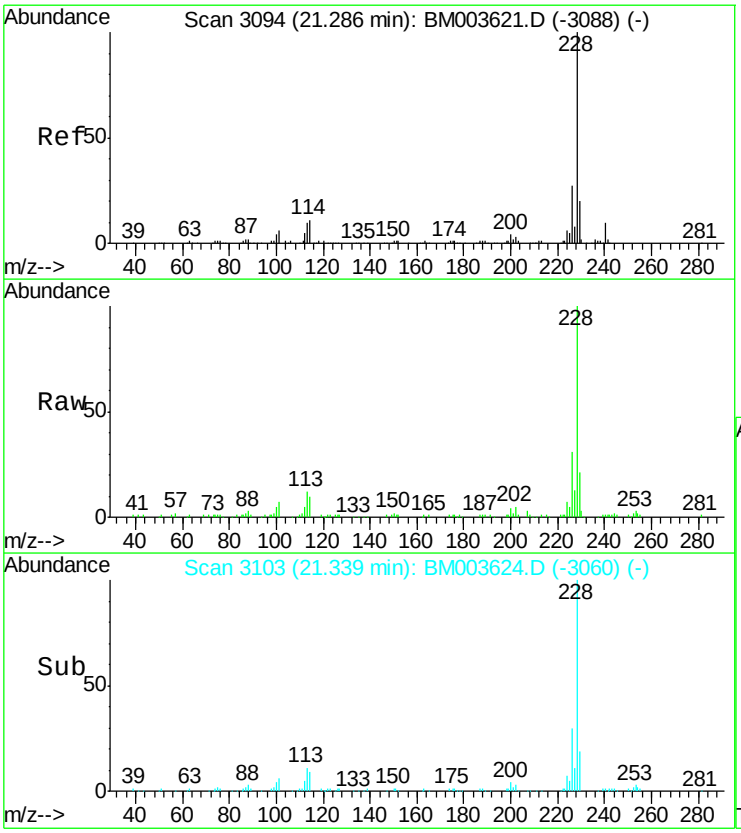
#80
Pyrene
Concen: 18.97 ng/ul
RT: 19.53 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:202 Resp: 312735

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.2
100	10.0	8.5	12.7

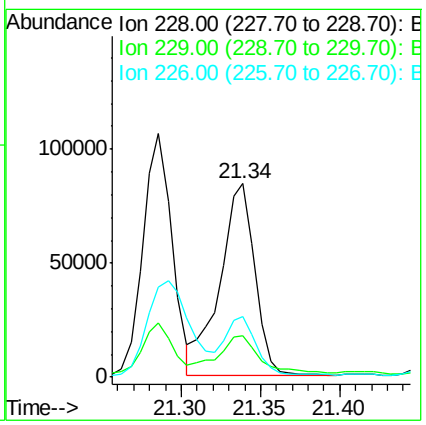


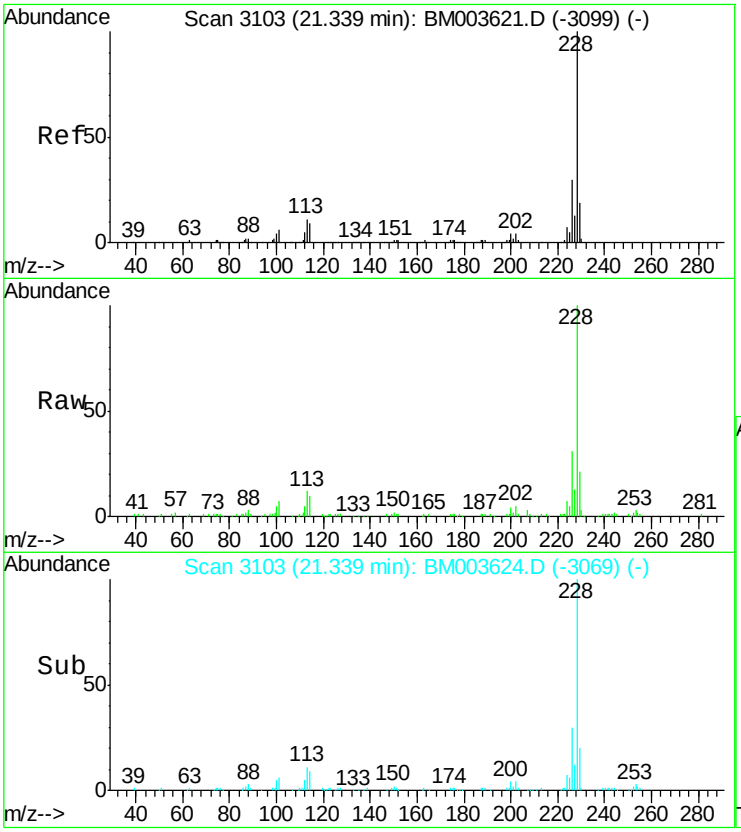


#83
Benzo(a)anthracene
Concen: 7.42 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.05 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:228 Resp: 128213

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	31.2	21.8	32.6



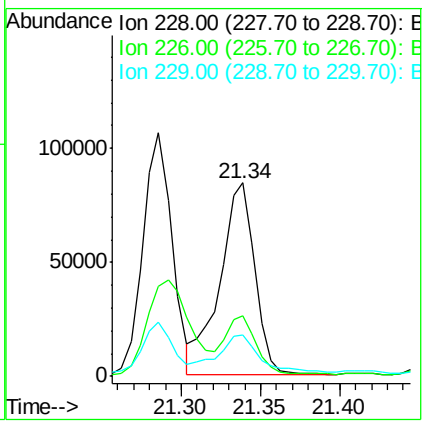


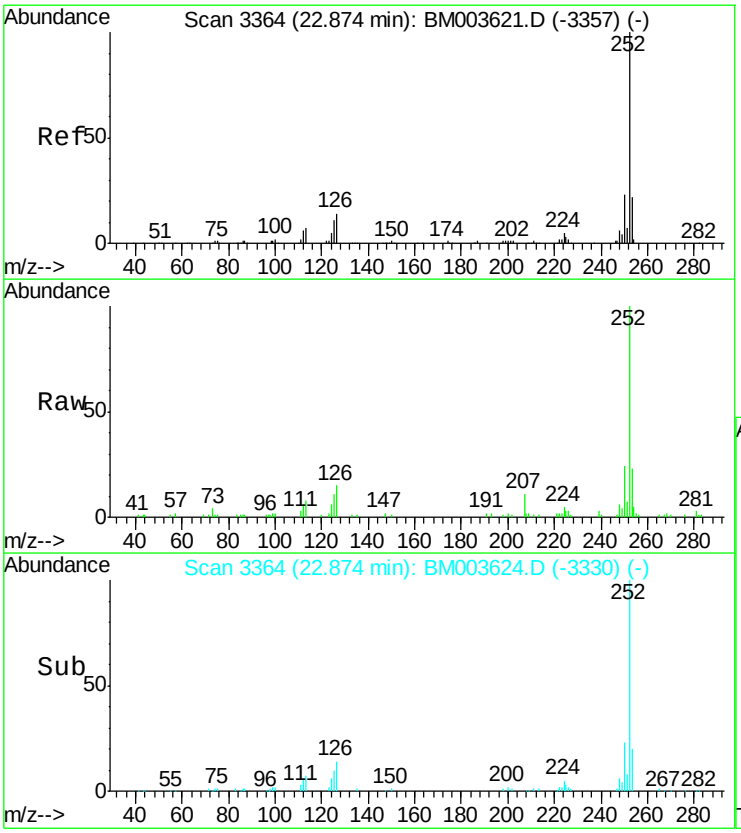
#85
Chrysene
Concen: 7.77 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:228 Resp: 129464

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	21.2	15.6	23.4

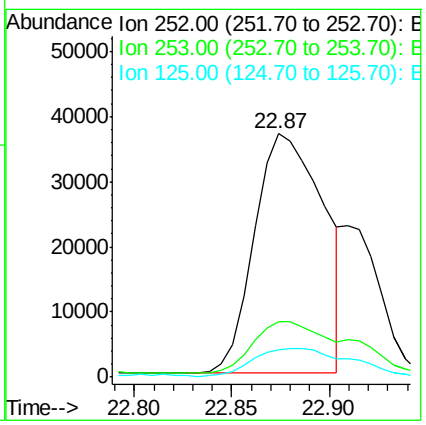


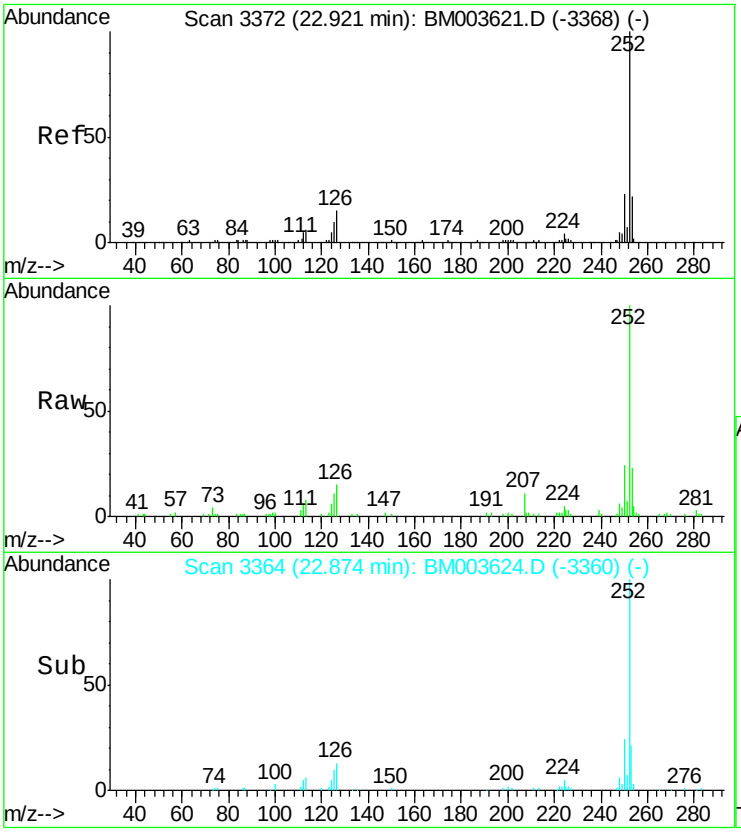


#88
Benzo(b)fluoranthene
Concen: 4.70 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:252 Resp: 90079

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.1	8.5	12.7



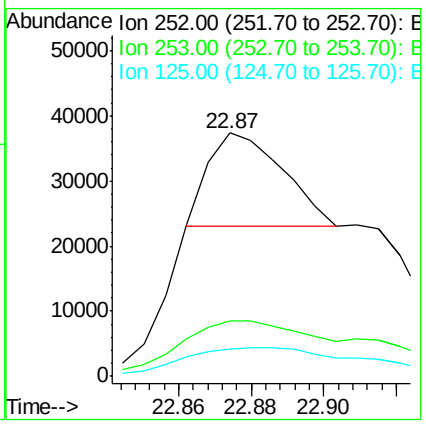


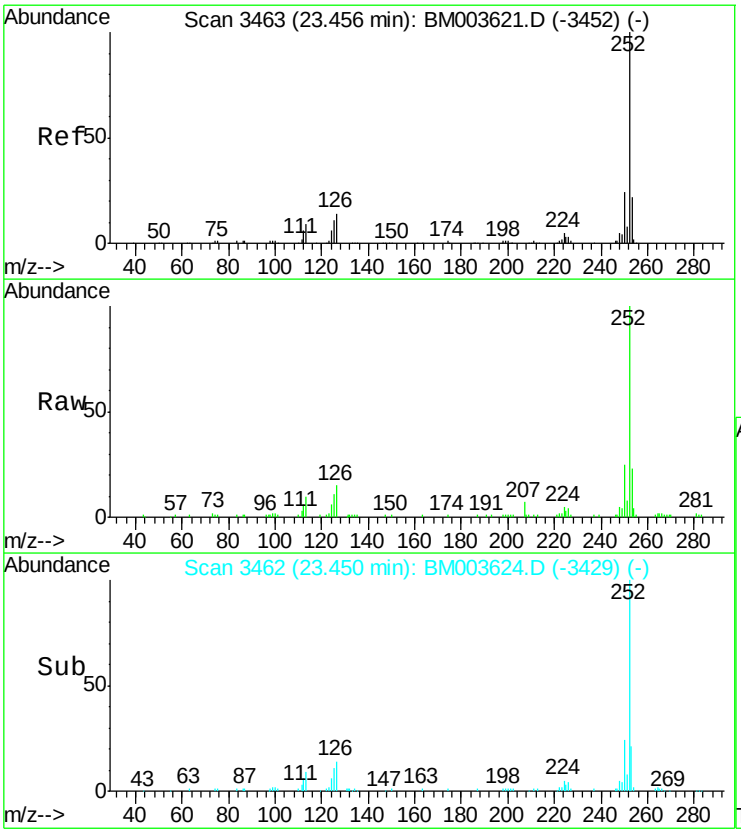
#89
Benzo(k)fluoranthene
Concen: 1.12 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. -0.05 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:252 Resp: 20293

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.1	8.2	12.2

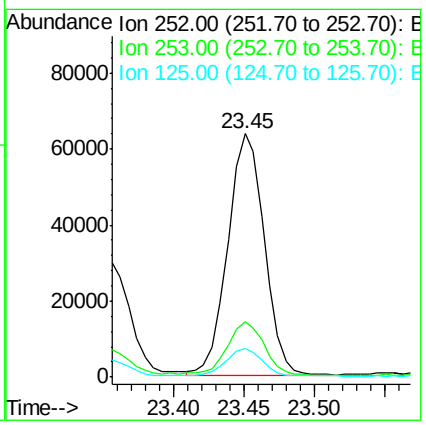


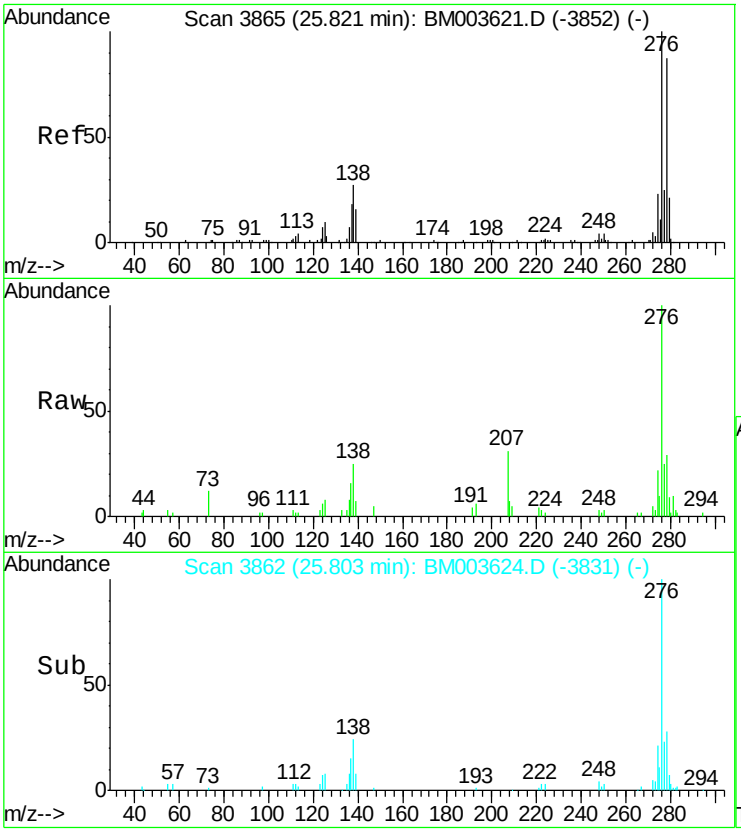


#91
Benzo(a)pyrene
Concen: 6.24 ng/ul
RT: 23.45 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:252 Resp: 114250

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.5	9.0	13.6



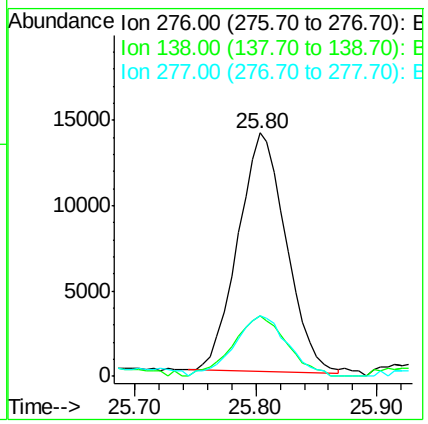


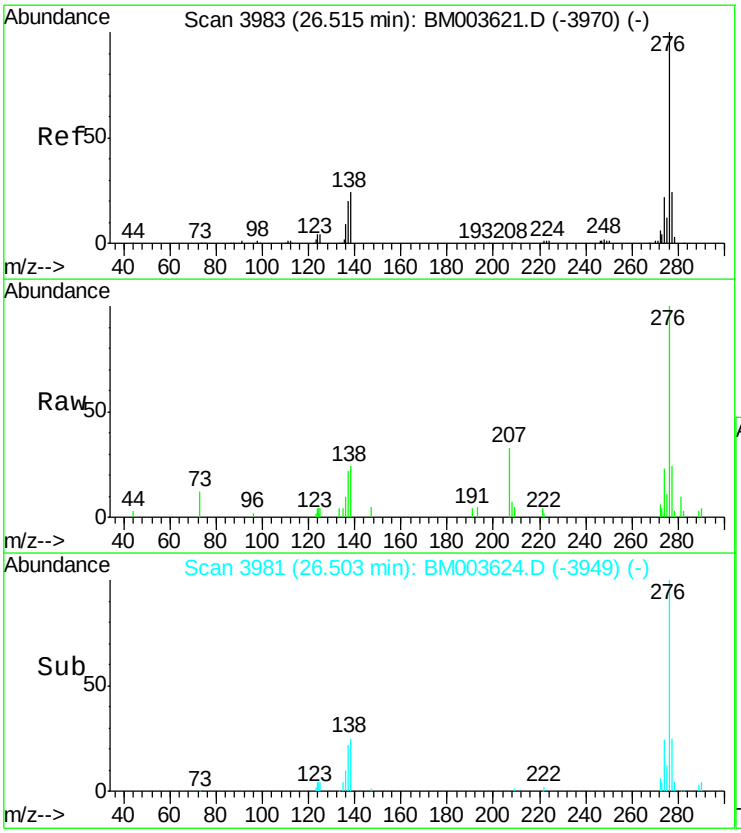
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.98 ng/ul
RT: 25.80 min Scan# 3862
Delta R.T. -0.02 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Instrument :
BNA_M
ClientSampleId :
G9C64

Tgt Ion:276 Resp: 38941

Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.3	33.5
277	24.9	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 2.66 ng/ul
RT: 26.50 min Scan# 3981
Delta R.T. -0.01 min
Lab File: BM003624.D
Acq: 19 Dec 2015 17:44

Tgt Ion:276 Resp: 43006

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.9	28.3
277	24.3	19.2	28.8