Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003674.D
Acq On : 21 Dec 2015 03:00
Operator : UM/SJ
Sample : G4867-09MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA5MS

Quant Time: Dec 21 04:01:20 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	17252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	87816	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	59201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	154656	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	222912	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	230157	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.87	99	12918	8.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	24063	31.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	34735	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	26118	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	21926	34.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	25372	35.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	46932	35.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1403	0.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	175863	35.94	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	211167	37.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	9443	9.91	ng/ul	0.00
58) Fluorene-d10	15.35	176	157701	38.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29606	33.97	ng/ul	0.00
71) Anthracene-d10	17.20	188	274509	39.01	ng/ul	0.00
79) Pyrene-d10	19.50	212	346544	35.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	439141	38.41	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	14599	9.53	ng/ul	98
10) 2-Chlorophenol	7.26	128	34387	27.88	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	31336	32.89	ng/ul	98
17) Hexachloroethane	8.79	117	1617	3.45	ng/ul#	7
33) 4-Chloro-3-methylphenol	11.78	107	54304	34.04	ng/ul	99
45) Dimethylphthalate	13.80	163	23895	4.77	ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	1122	1.15	ng/ul#	33
48) Acenaphthylene	14.07	152	124871	20.50	ng/ul	99
50) Acenaphthene	14.42	153	142477	35.03	ng/ul	99
53) 4-Nitrophenol	14.57	109	8829	10.95	ng/ul	92
55) 2,4-Dinitrotoluene	14.72	165	56569	38.19	ng/ul	99
59) Fluorene	15.42	166	9985	2.14	ng/ul#	46
69) Pentachlorophenol	16.75	266	39188	40.56	ng/ul	98
70) Phenanthrene	17.14	178	10875	1.27	ng/ul	96
72) Anthracene	17.23	178	33840	3.88	ng/ul	98
77) Fluoranthene	19.16	202	54800	5.57	ng/ul	99
80) Pyrene	19.53	202	546679	42.61	ng/ul	98
83) Benzo(a)anthracene	21.28	228	81272	6.05	ng/ul#	72
85) Chrysene	21.33	228	53017	4.09	ng/ul#	91
88) Benzo(b)fluoranthene	22.87	252	202843	14.62	ng/ul	97
89) Benzo(k)fluoranthene	22.87	252	184769	14.06	ng/ul	97
91) Benzo(a)pyrene	23.45	252	215023	16.20	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.80	276	108605	7.60	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003674.D
Acq On : 21 Dec 2015 03:00
Operator : UM/SJ
Sample : G4867-09MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Quant Time: Dec 21 04:01:20 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.81	278	35216	2.94	ng/ul#	79
94) Benzo(g,h,i)perylene	26.50	276	128652	10.97	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
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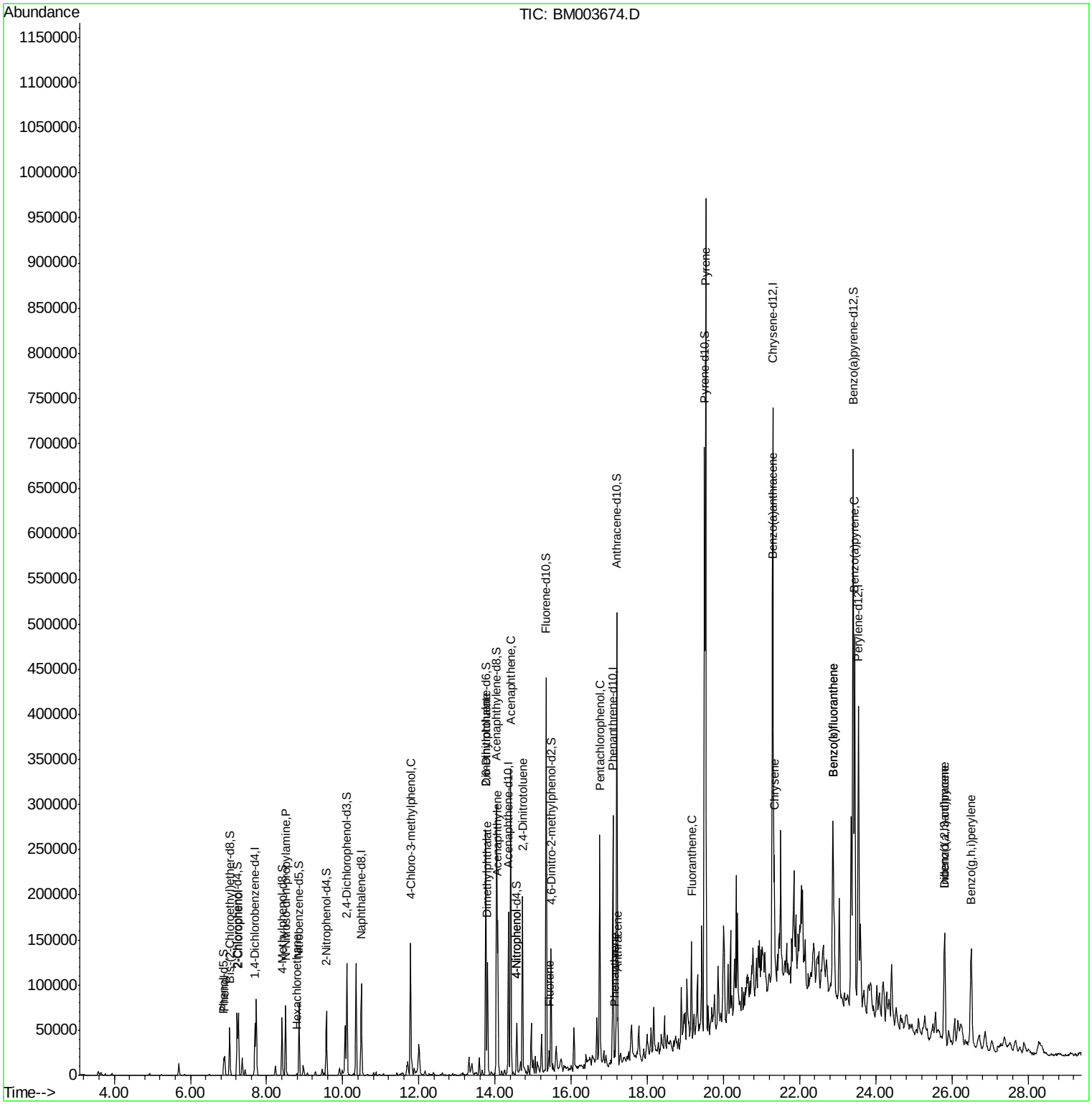
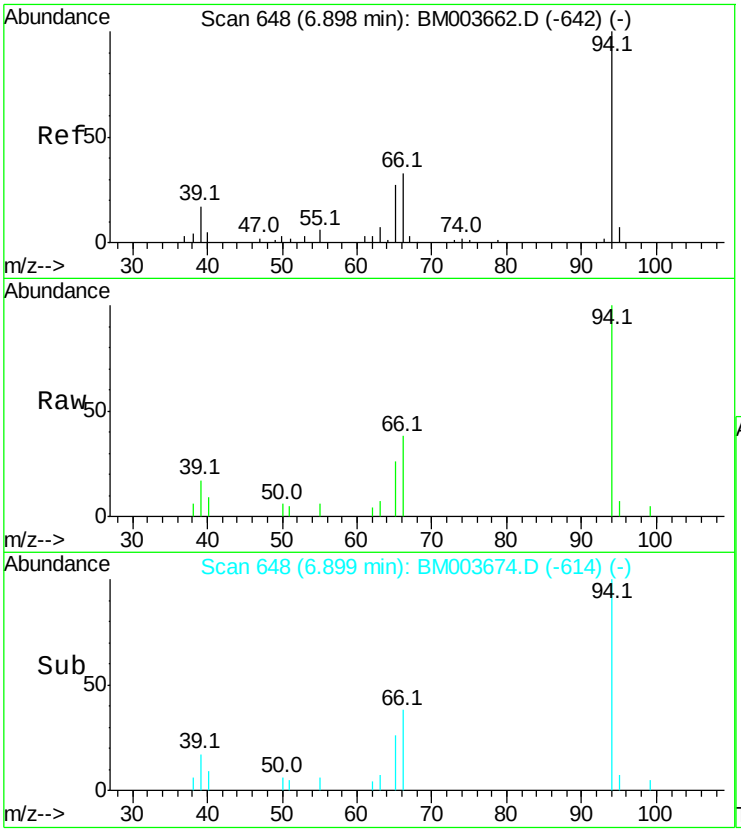
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration



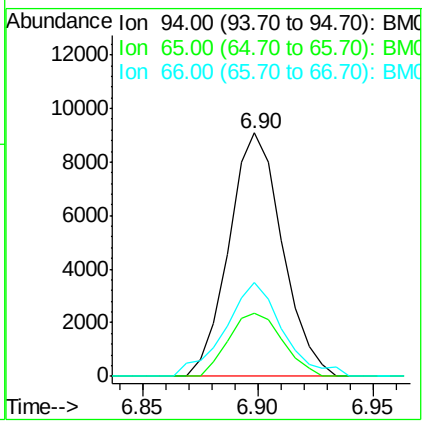


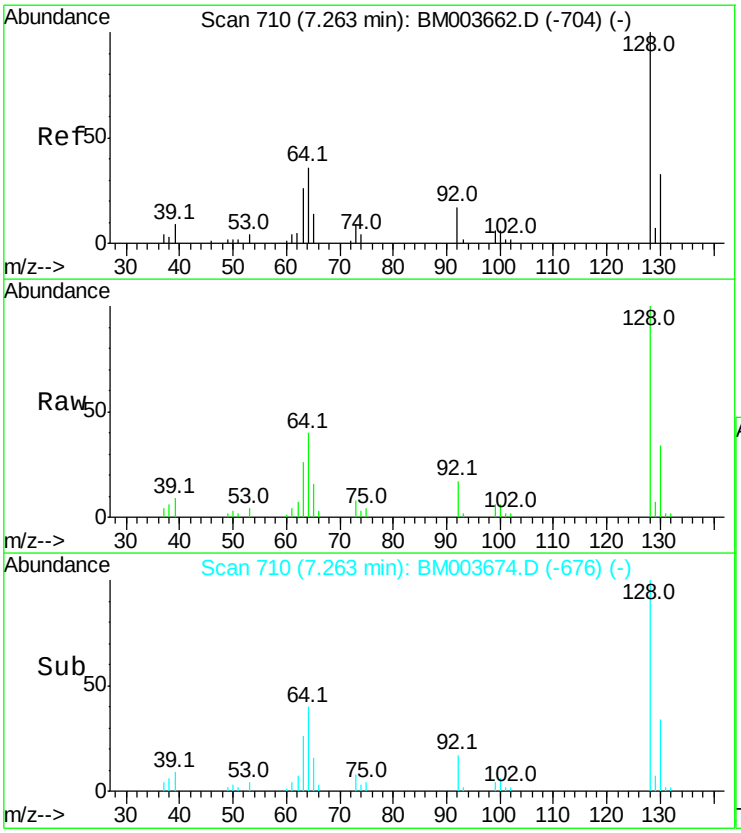
#6
Phenol
Concen: 9.53 ng/ul
RT: 6.90 min Scan# 648
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion: 94 Resp: 14599

Ion	Ratio	Lower	Upper
94	100		
65	26.0	21.0	31.6
66	38.3	29.3	43.9

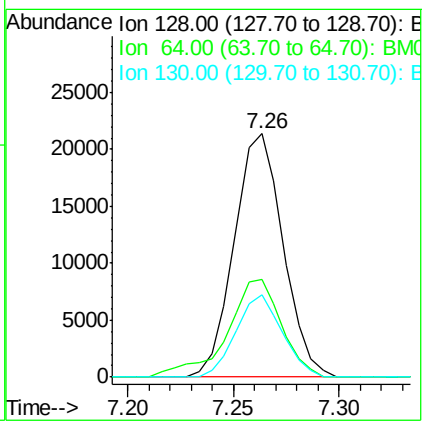


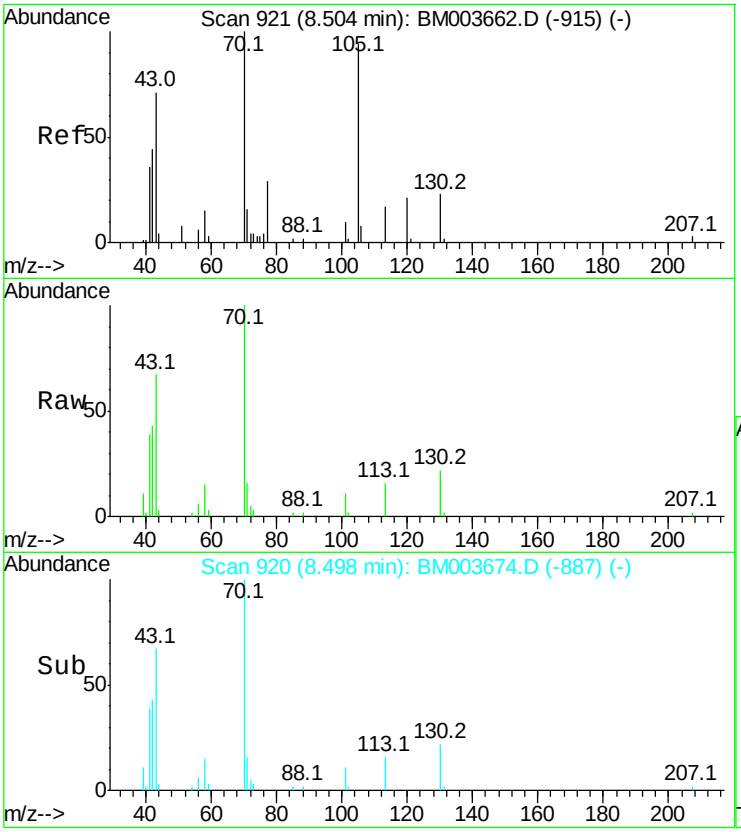


#10
2-Chlorophenol
Concen: 27.88 ng/ul
RT: 7.26 min Scan# 710
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:128 Resp: 34387

Ion	Ratio	Lower	Upper
128	100		
64	40.1	31.9	47.9
130	33.6	25.6	38.4



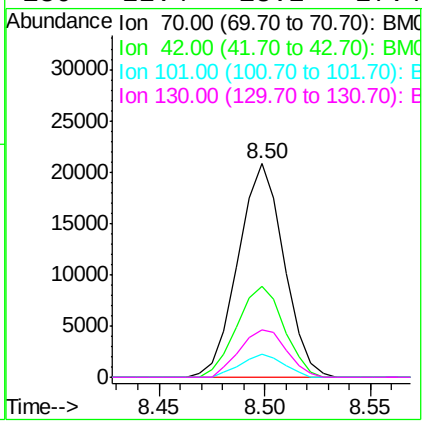


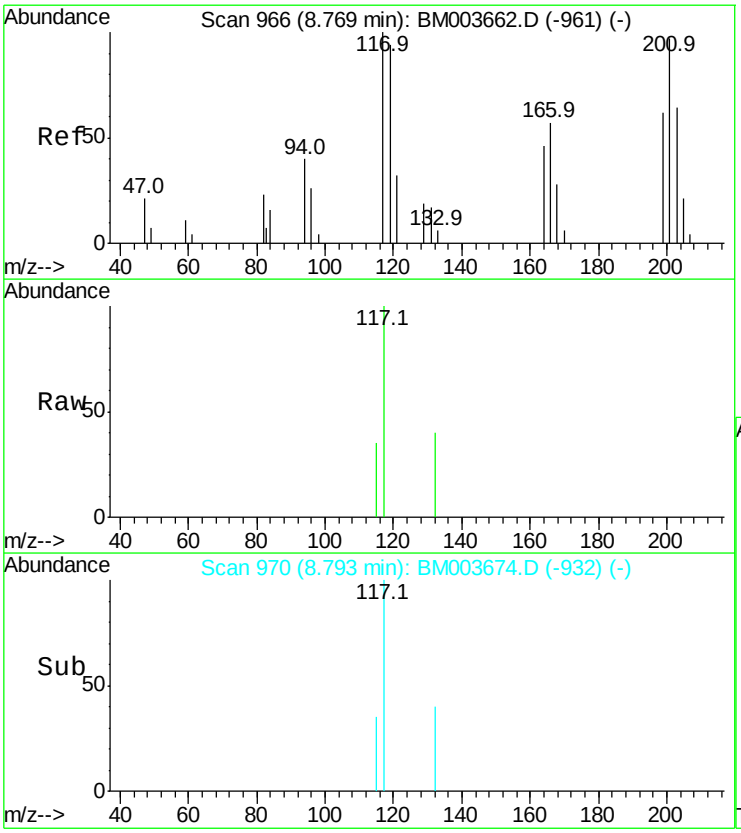
#15
N-Nitroso-di-n-propylamine
Concen: 32.89 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion: 70 Resp: 31336

Ion	Ratio	Lower	Upper
70	100		
42	42.6	35.4	53.0
101	10.5	8.4	12.6
130	22.4	18.2	27.4

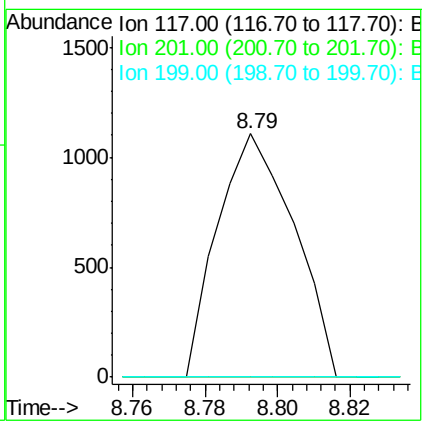


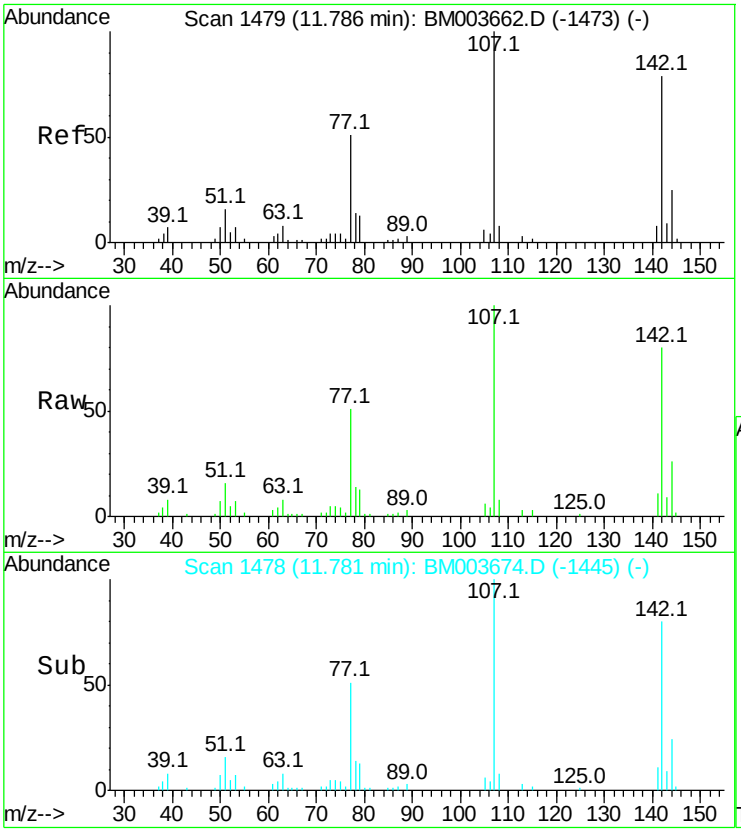


#17
Hexachloroethane
Concen: 3.45 ng/ul
RT: 8.79 min Scan# 970
Delta R.T. 0.02 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:117 Resp: 1617

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#



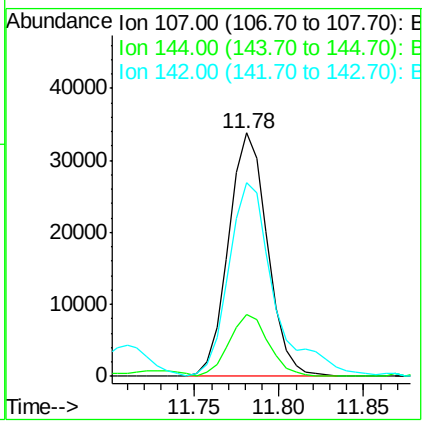


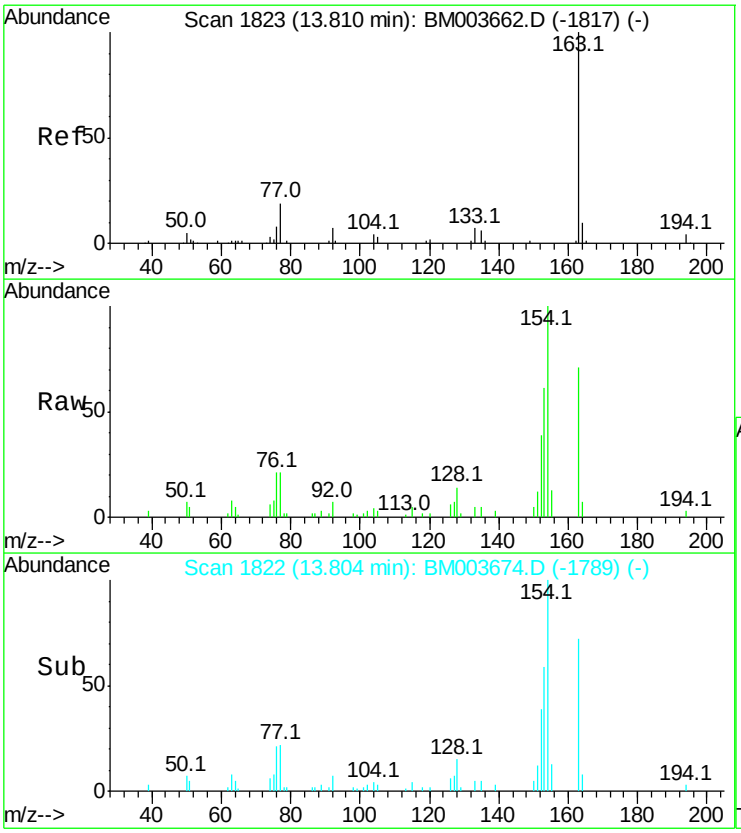
#33
4-Chloro-3-methylphenol
Concen: 34.04 ng/ul
RT: 11.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:107 Resp: 54304

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.7	62.5	93.7

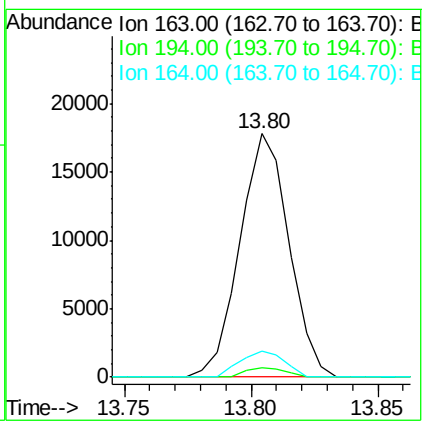


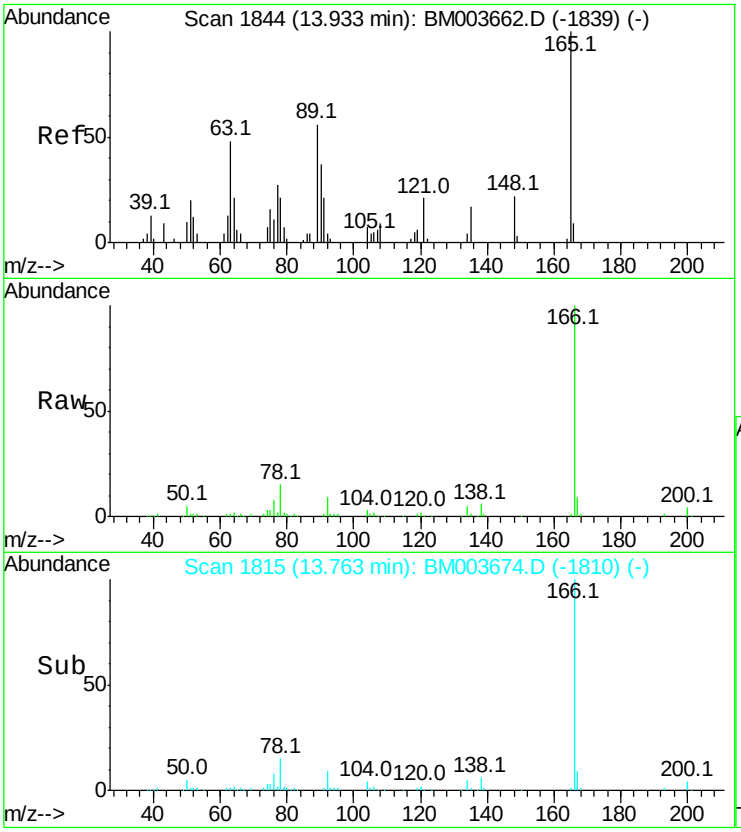


#45
Dimethylphthalate
Concen: 4.77 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:163 Resp: 23895

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.5	7.8	11.8



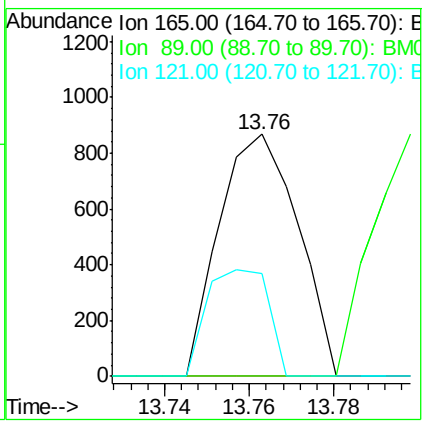


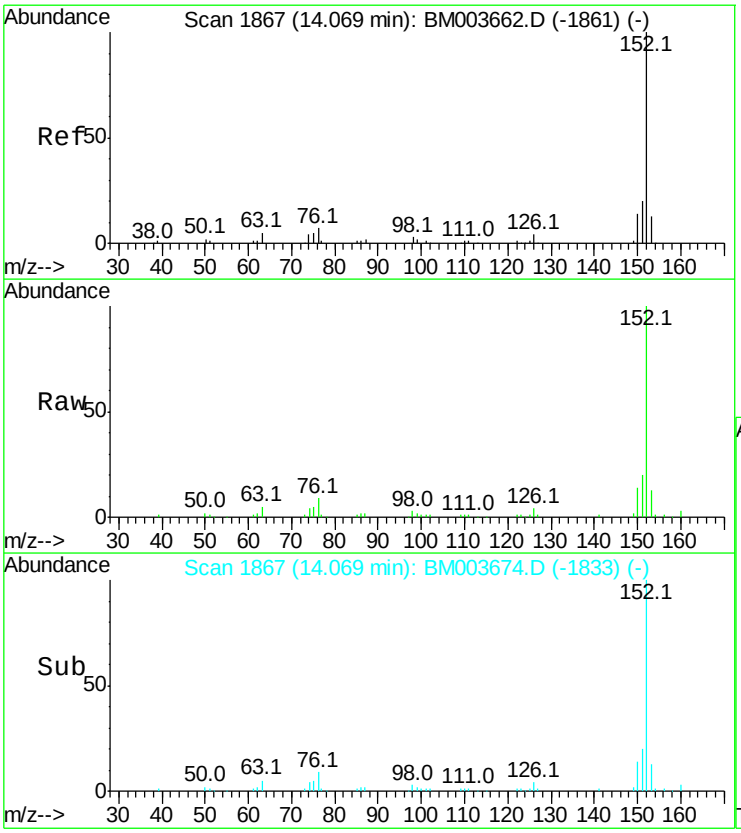
#46
2,6-Dinitrotoluene
Concen: 1.15 ng/ul
RT: 13.76 min Scan# 1815
Delta R.T. -0.17 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:165 Resp: 1122

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	42.6	16.6	24.8#

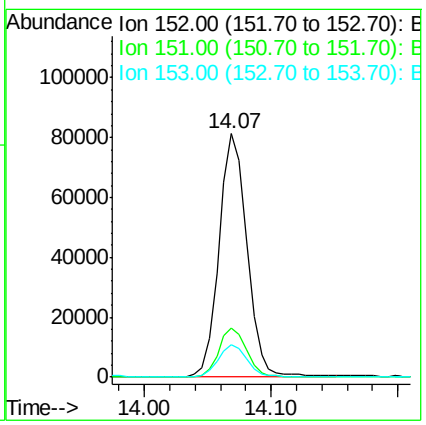


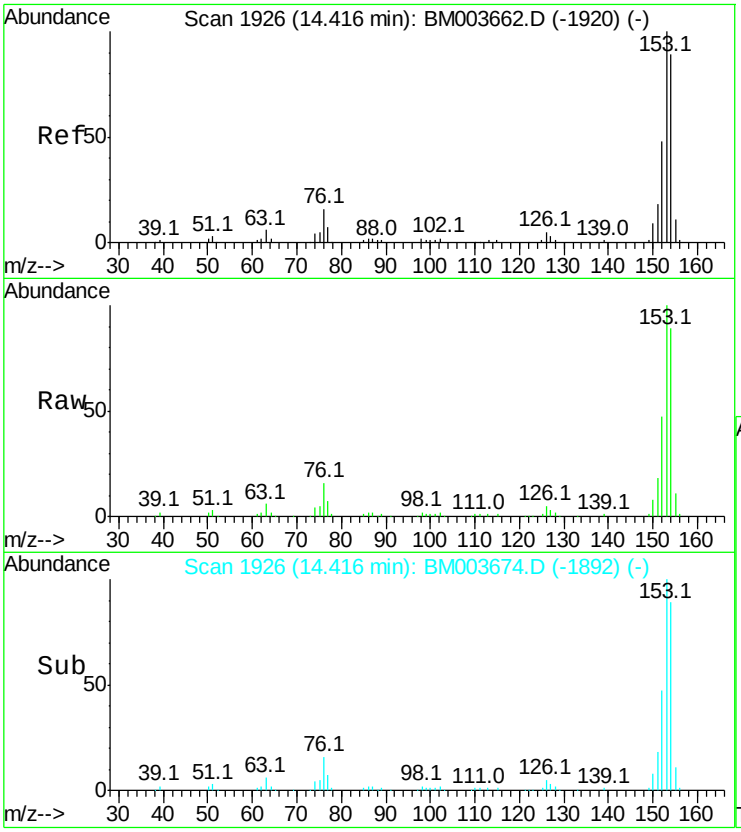


#48
Acenaphthylene
Concen: 20.50 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:152 Resp: 124871

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.2	10.5	15.7



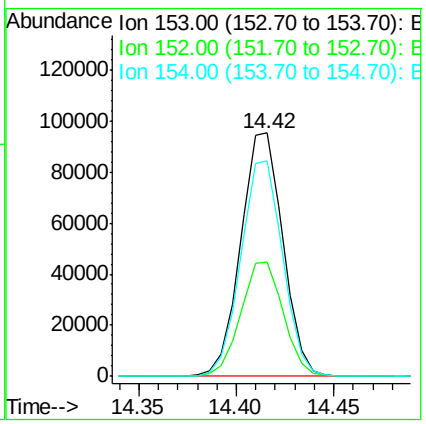


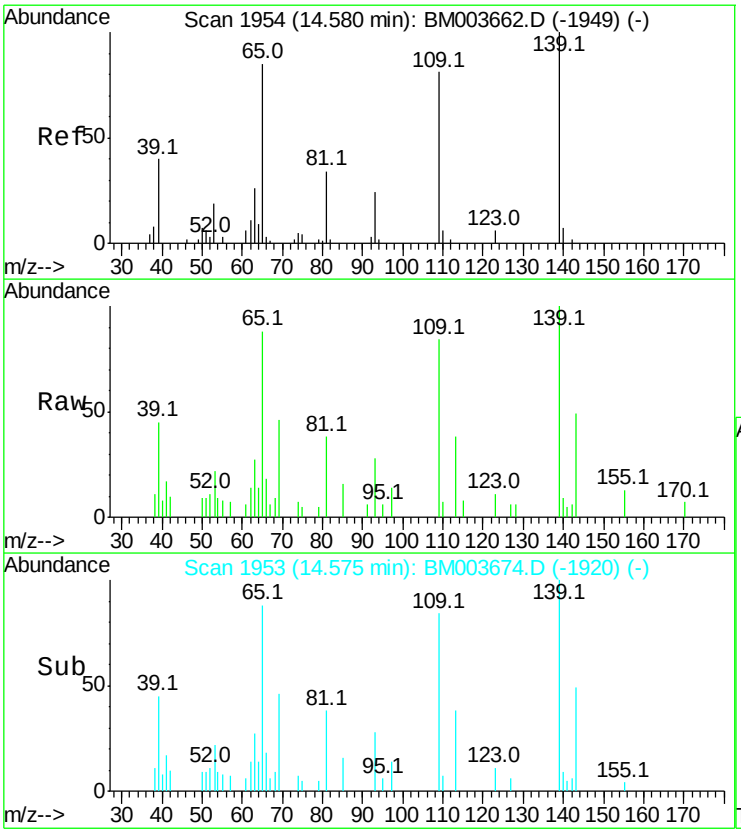
#50
Acenaphthene
Concen: 35.03 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:153 Resp: 142477

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.3	57.5
154	88.5	71.8	107.8

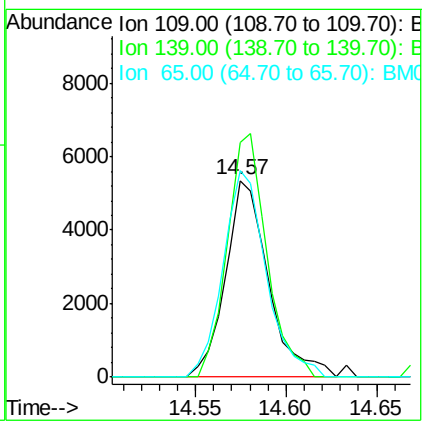


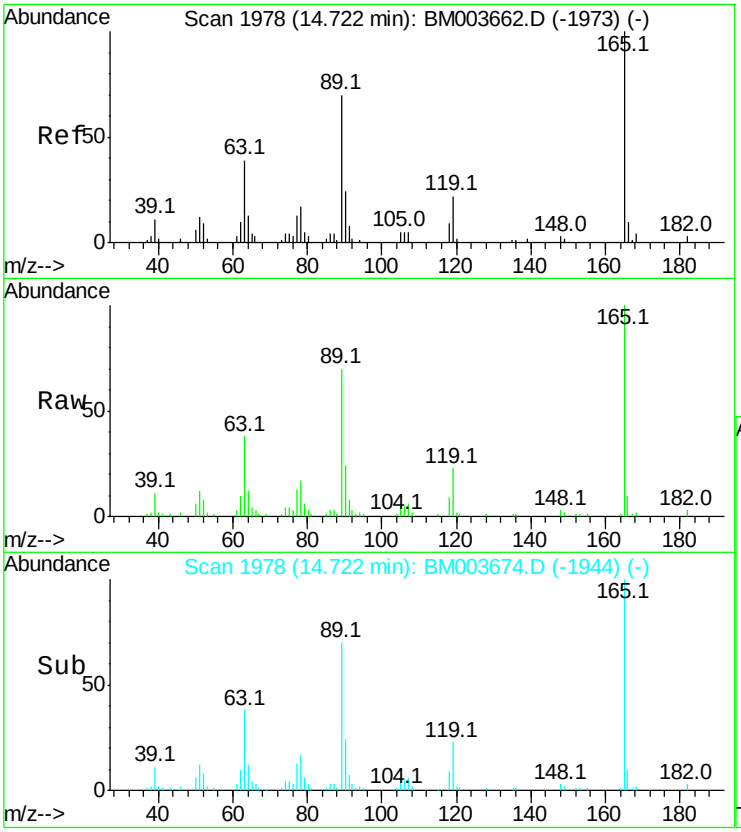


#53
4-Nitrophenol
Concen: 10.95 ng/ul
RT: 14.57 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:109 Resp: 8829

Ion	Ratio	Lower	Upper
109	100		
139	119.1	103.7	155.5
65	104.9	89.4	134.2



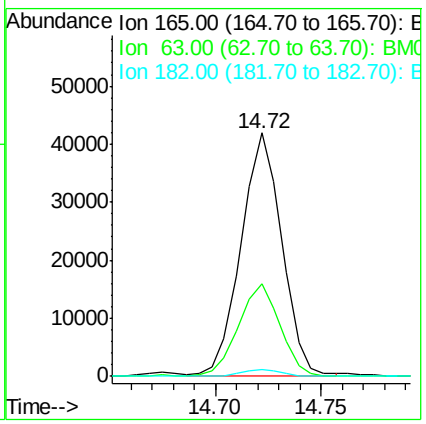


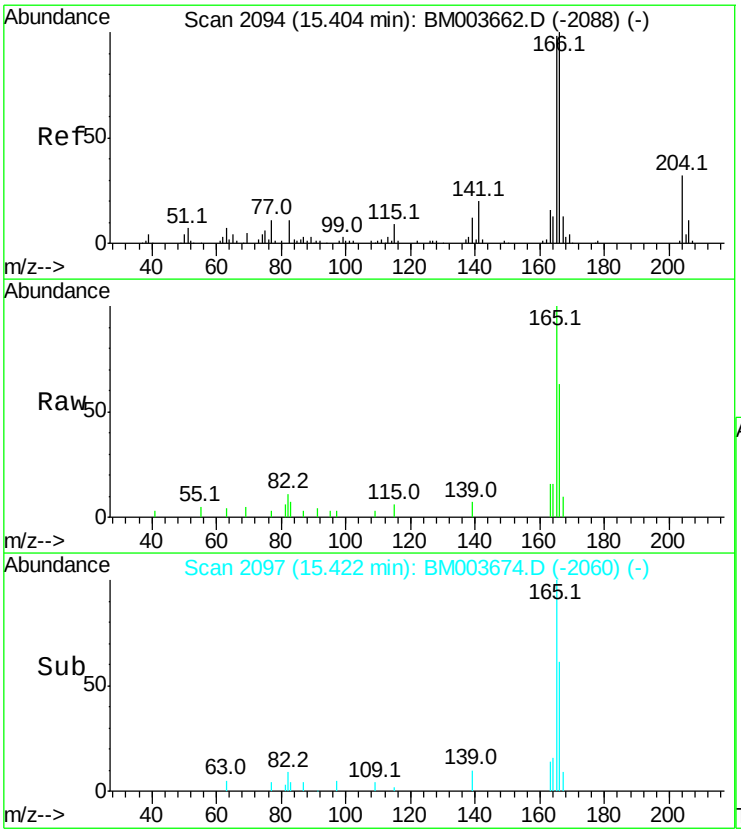
#55
2,4-Dinitrotoluene
Concen: 38.19 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:165 Resp: 56569

Ion	Ratio	Lower	Upper
165	100		
63	37.9	29.8	44.6
182	2.7	2.2	3.4

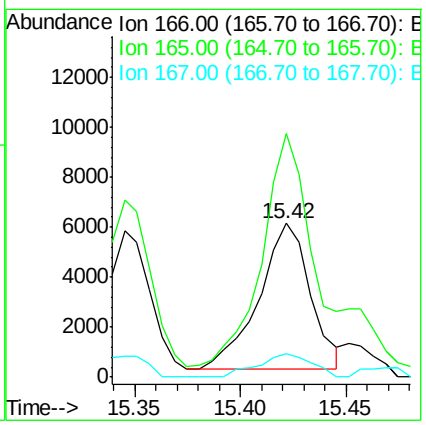


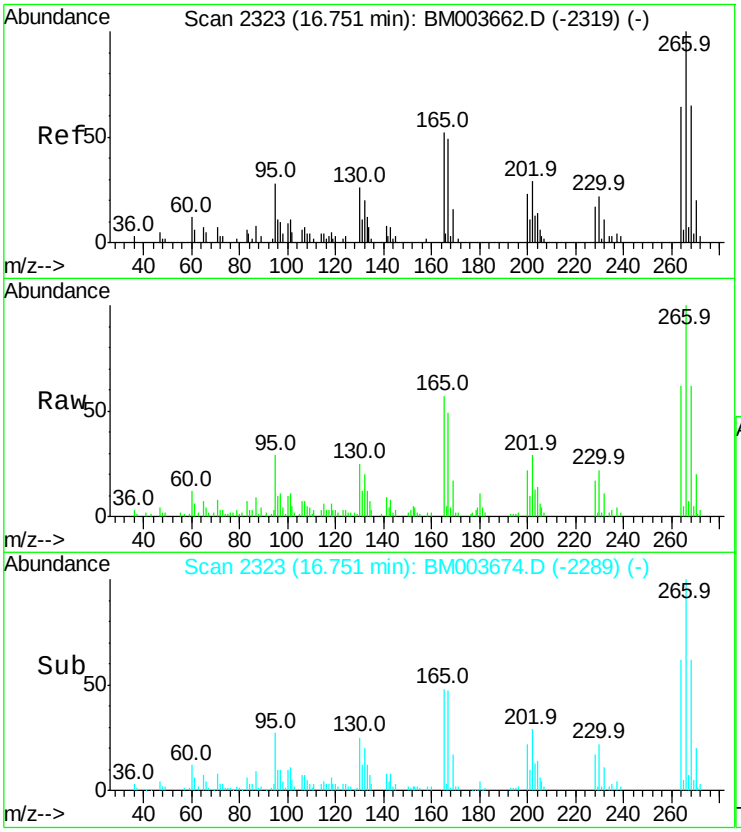


#59
Fluorene
Concen: 2.14 ng/ul
RT: 15.42 min Scan# 2097
Delta R.T. 0.02 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:166 Resp: 9985

Ion	Ratio	Lower	Upper
166	100		
165	158.1	78.5	117.7#
167	15.5	10.7	16.1



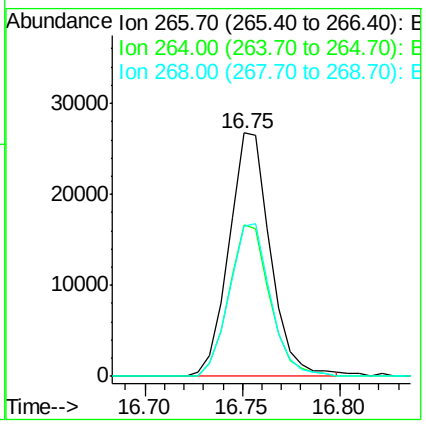


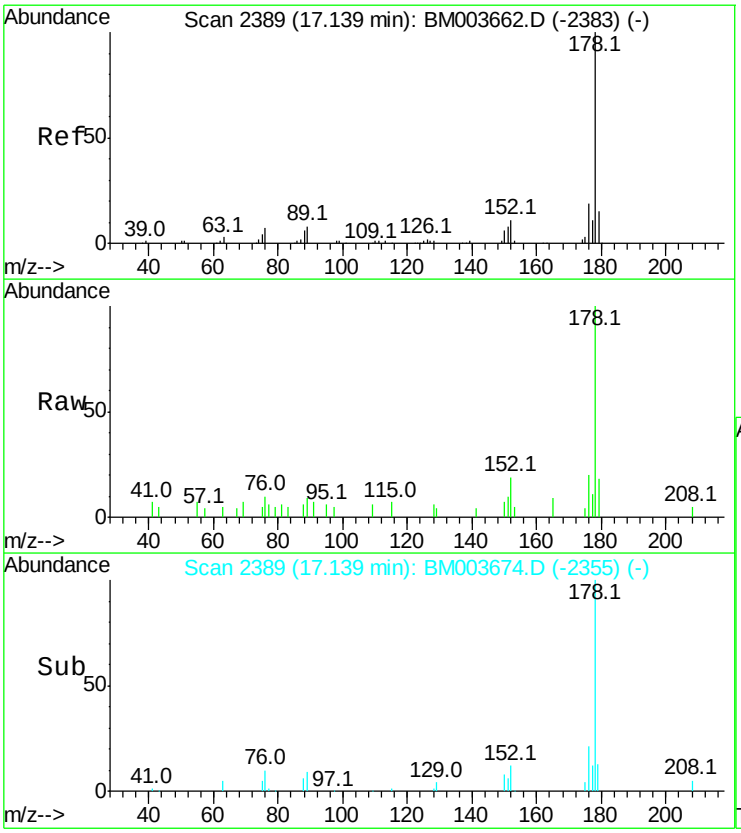
#69
Pentachlorophenol
Concen: 40.56 ng/ul
RT: 16.75 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:266 Resp: 39188

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.5	75.7
268	61.9	50.9	76.3

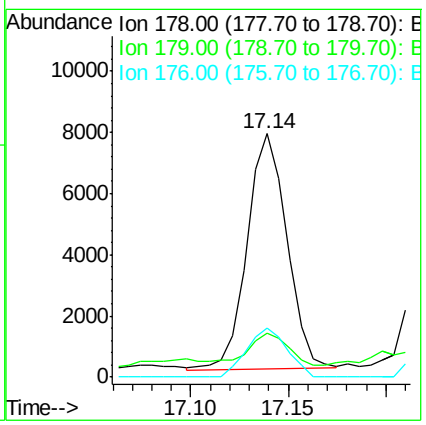


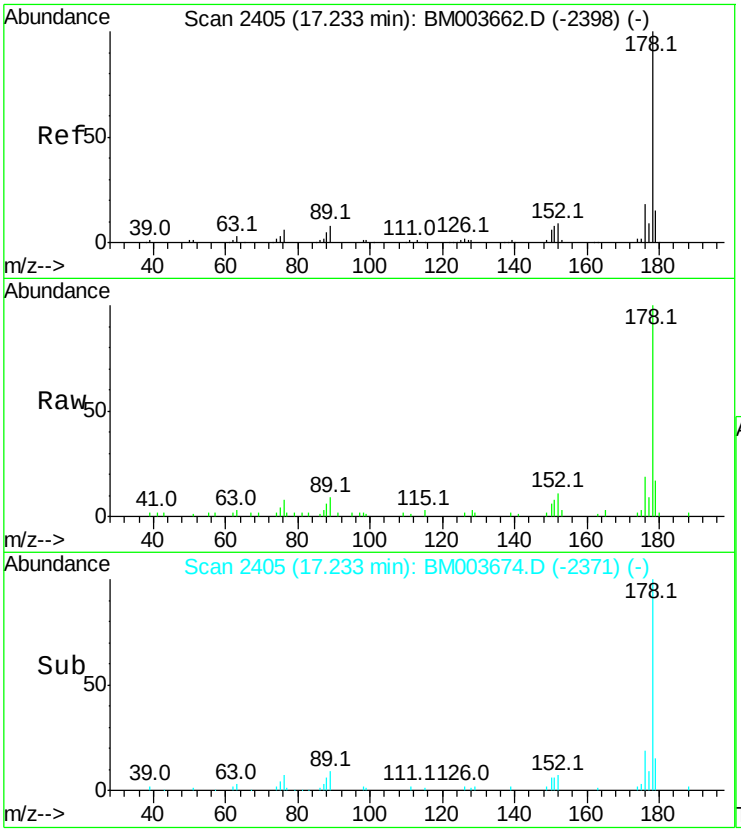


#70
Phenanthrene
Concen: 1.27 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:178 Resp: 10875

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.4
176	19.9	15.6	23.4



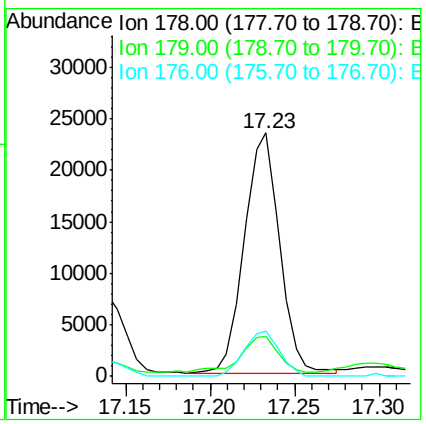


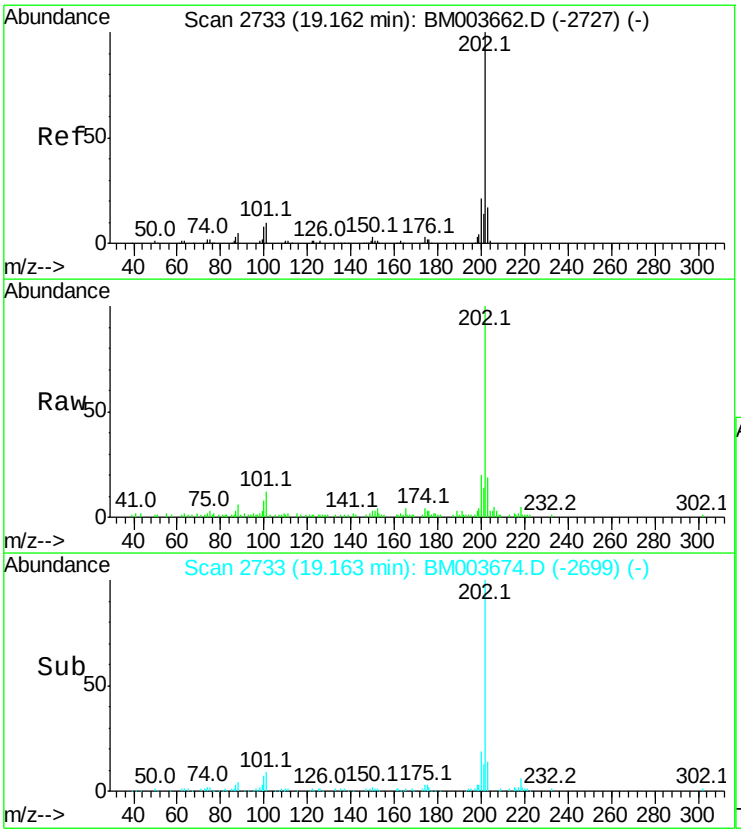
#72
Anthracene
Concen: 3.88 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:178 Resp: 33840

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.1	18.1
176	18.7	14.8	22.2

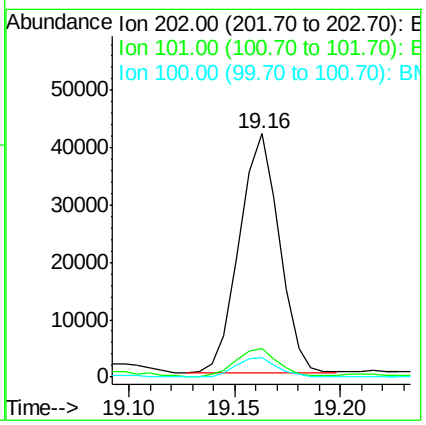


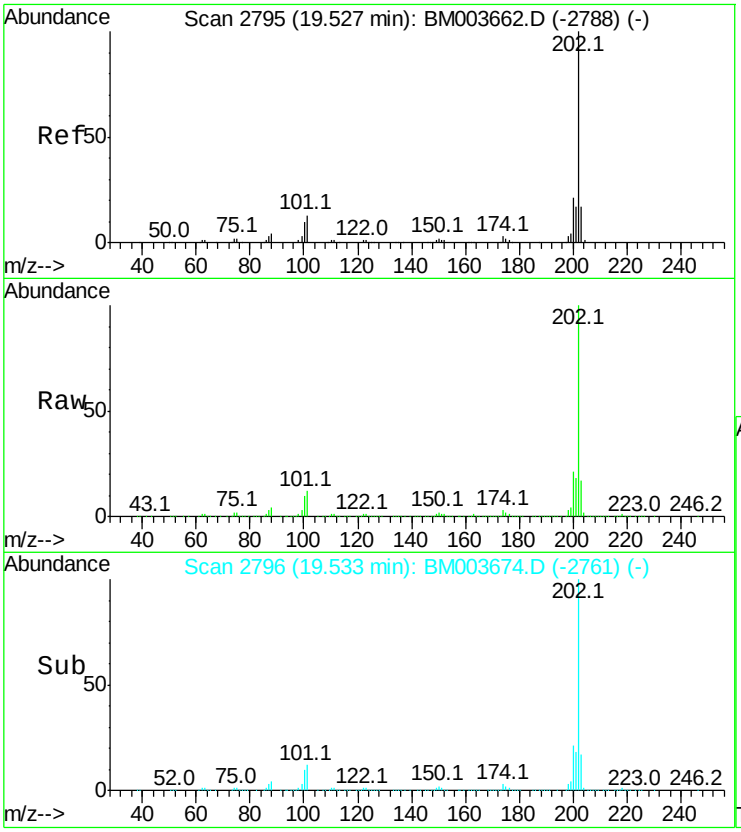


#77
Fluoranthene
Concen: 5.57 ng/ul
RT: 19.16 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:202 Resp: 54800

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.3	6.6	9.8



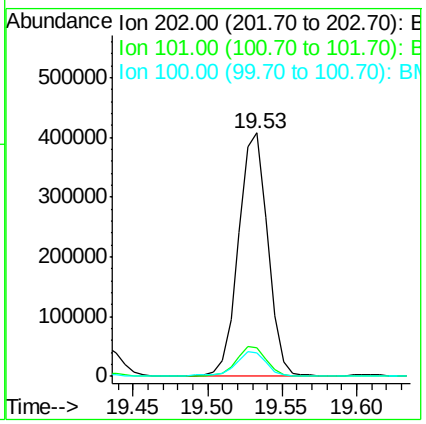


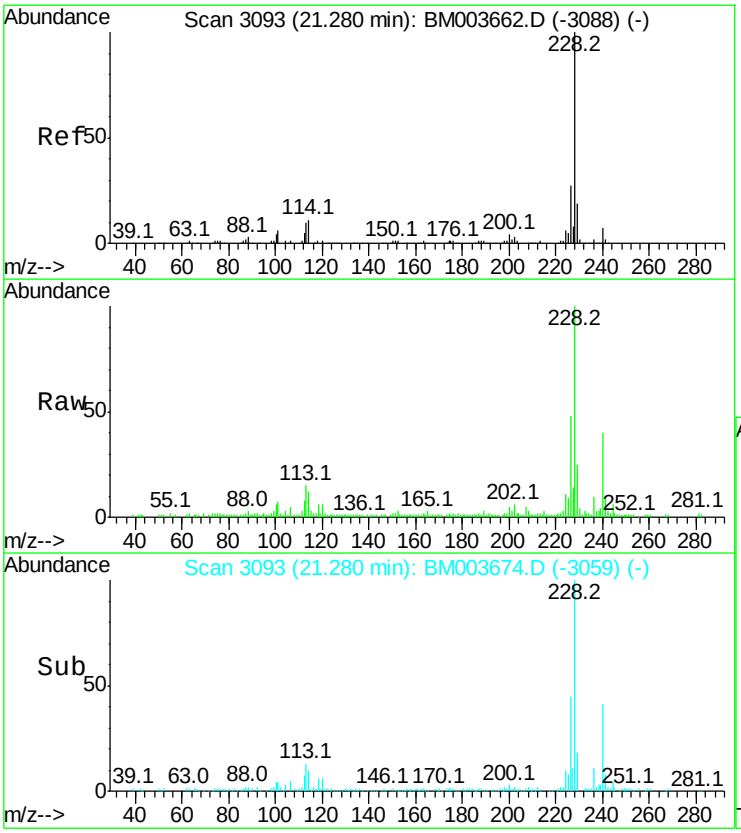
#80
Pyrene
Concen: 42.61 ng/ul
RT: 19.53 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:202 Resp: 546679

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.2	15.2
100	9.7	8.5	12.7

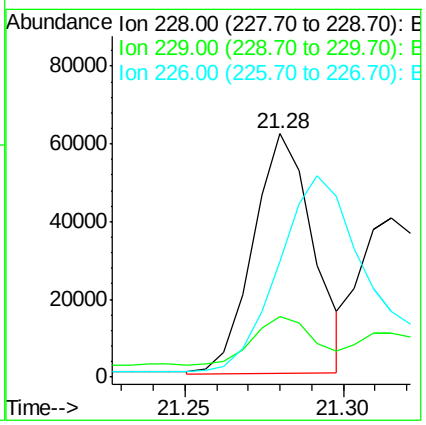


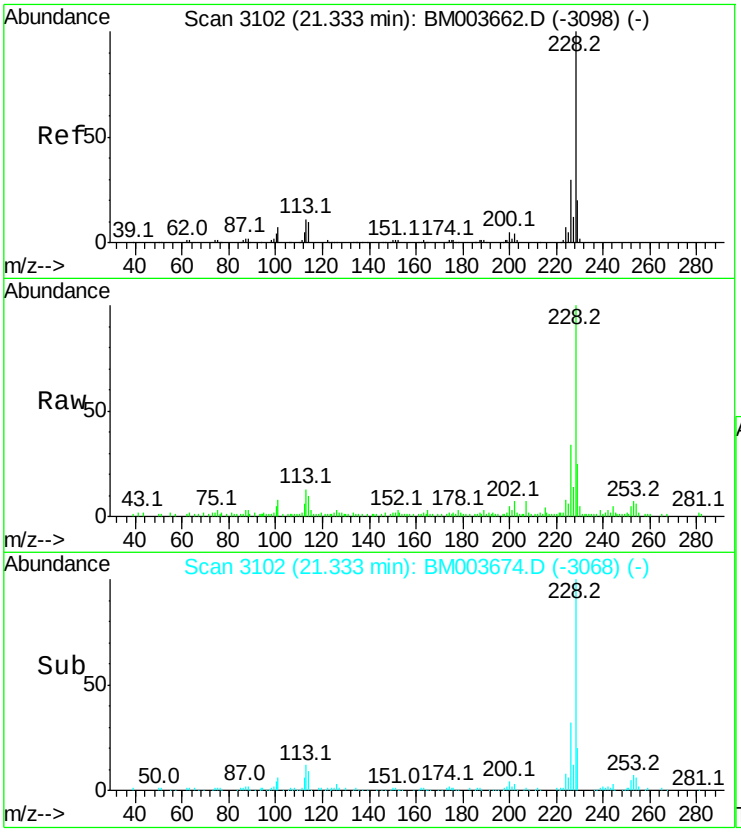


#83
Benzo(a)anthracene
Concen: 6.05 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:228 Resp: 81272

Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.7	23.5#
226	47.6	21.8	32.6#



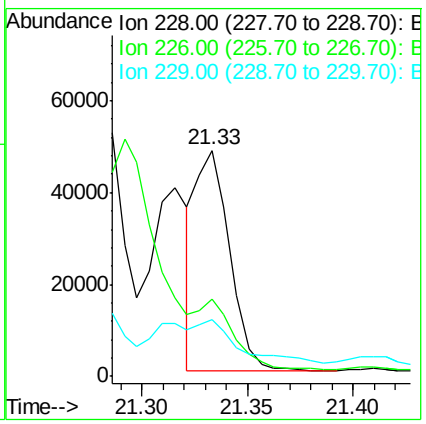


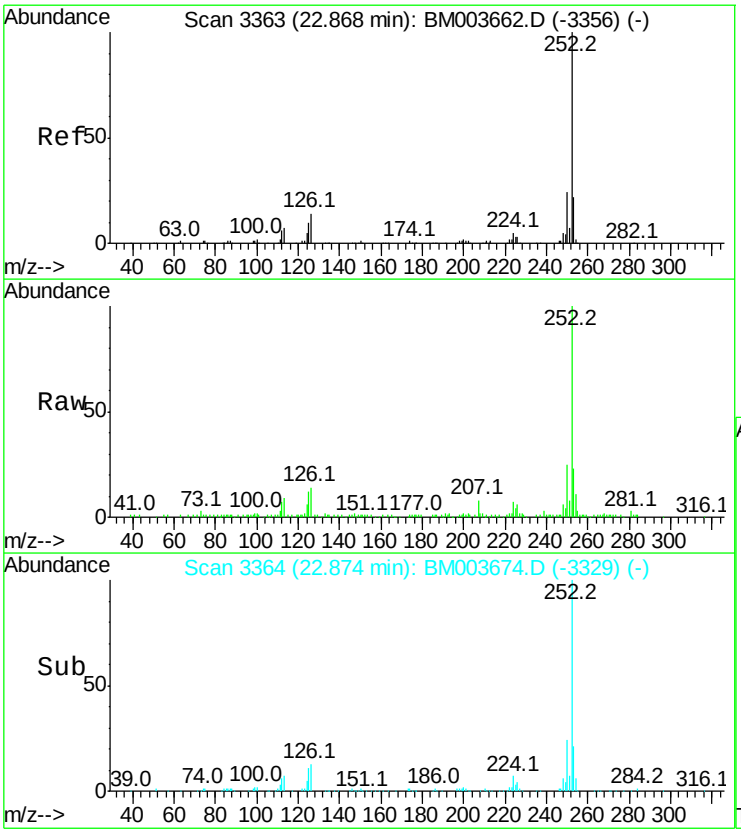
#85
Chrysene
Concen: 4.09 ng/ul
RT: 21.33 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:228 Resp: 53017

Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.0	36.0
229	24.9	15.6	23.4#

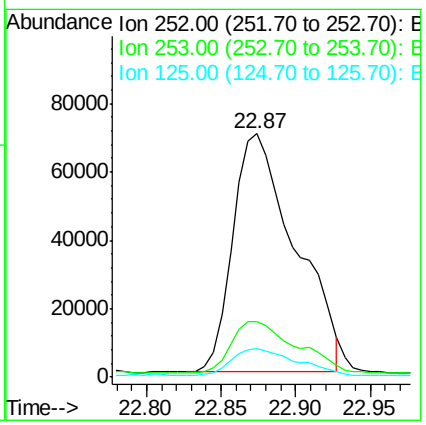


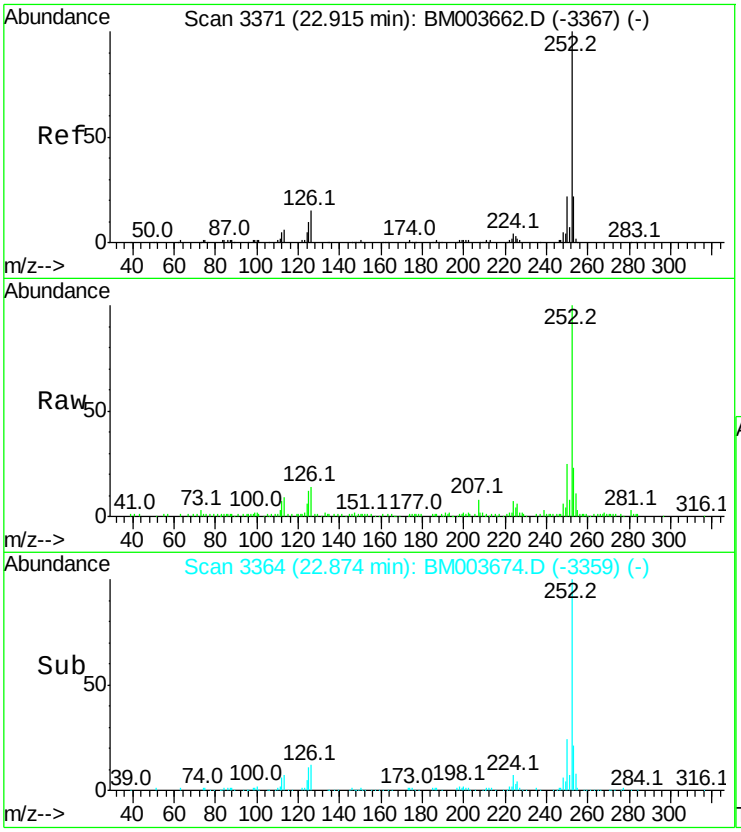


#88
Benzo(b)fluoranthene
Concen: 14.62 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:252 Resp: 202843

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.7	8.5	12.7



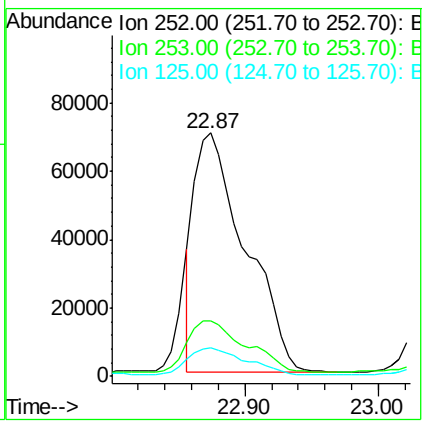


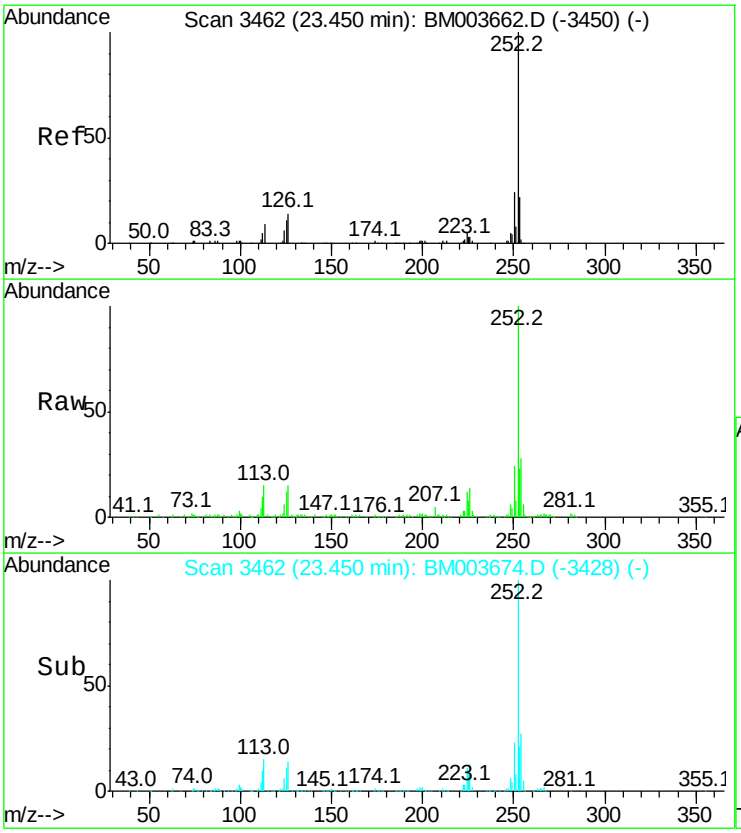
#89
Benzo(k)fluoranthene
Concen: 14.06 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:252 Resp: 184769

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.7	8.2	12.2

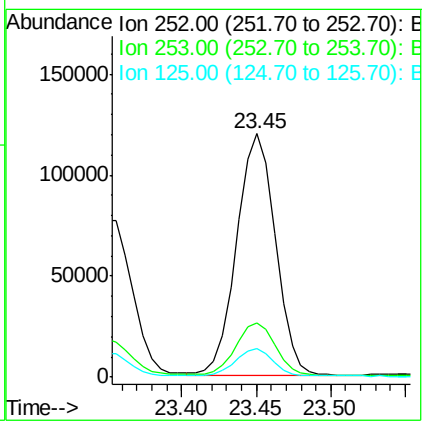


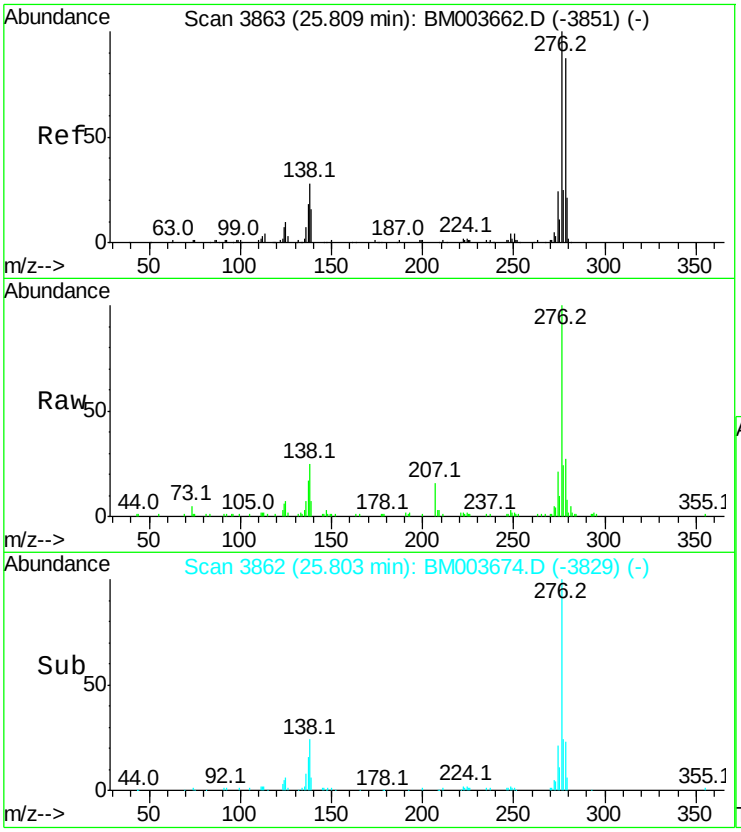


#91
Benzo(a)pyrene
Concen: 16.20 ng/ul
RT: 23.45 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:252 Resp: 215023

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.6	9.0	13.6



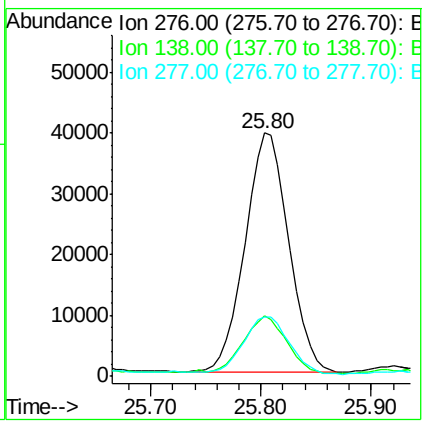


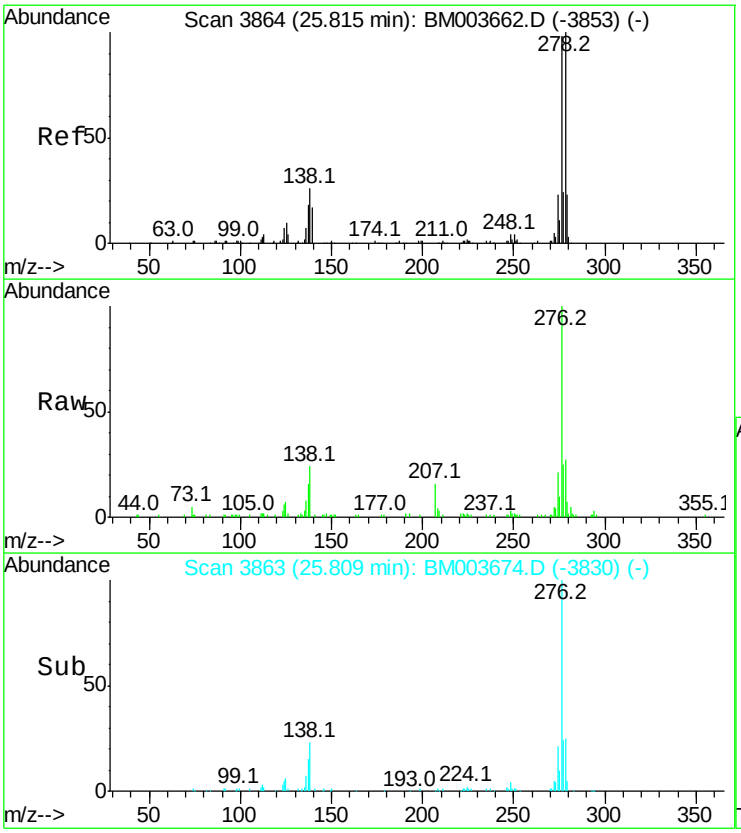
#92
Indeno(1,2,3-cd)pyrene
Concen: 7.60 ng/ul
RT: 25.80 min Scan# 3862
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:276 Resp: 108605

Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.3	33.5
277	24.5	20.2	30.2

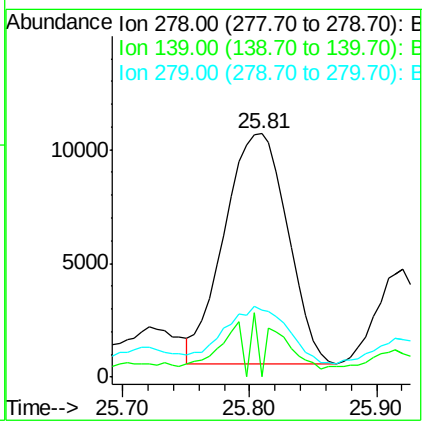


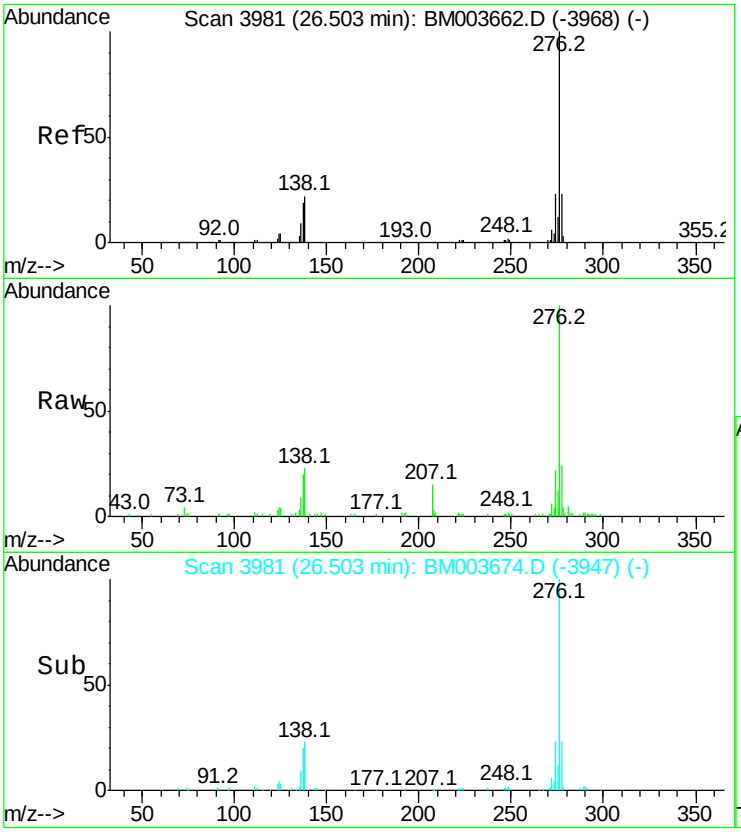


#93
Dibenzo(a,h)anthracene
Concen: 2.94 ng/ul
RT: 25.81 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Tgt Ion:278 Resp: 35216

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.5	19.0	28.4





#94
Benzo(g,h,i)perylene
Concen: 10.97 ng/ul
RT: 26.50 min Scan# 3981
Delta R.T. 0.00 min
Lab File: BM003674.D
Acq: 21 Dec 2015 03:00

Instrument :
BNA_M
ClientSampleId :
G9DA5MS

Tgt Ion:276 Resp: 128652

Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.9	28.3
277	23.5	19.2	28.8