Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002827.D
Acq On : 02 Oct 2015 05:16
Operator : UM/IZ
Sample : G3798-26MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G67MSD

Quant Time: Oct 02 08:52:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	72477	20.00	ng/ul	0.00
18) Naphthalene-d8	11.55	136	300239	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.28	164	150196	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	304962	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	306458	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	322513	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.76	96	4274	2.74	ng/uL	0.00
5) Phenol-d5	7.81	99	90369	16.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.98	67	49727	16.10	ng/ul	0.00
9) 2-Chlorophenol-d4	8.20	132	82786	16.20	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	73566	16.25	ng/ul	0.00
19) Nitrobenzene-d5	9.88	128	37795	16.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.61	143	38754	16.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	67231	15.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.67	131	72634	14.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	191790	16.97	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	244726	16.23	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	27332	13.62	ng/ul	0.00
58) Fluorene-d10	16.26	176	162881	16.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	7767	5.22	ng/ul	0.00
71) Anthracene-d10	18.09	188	240212	16.50	ng/ul	0.00
79) Pyrene-d10	20.33	212	240009	16.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	268367	16.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10794	6.25	ng/uL#	1
6) Phenol	7.83	94	92511	16.30	ng/ul	100
10) 2-Chlorophenol	8.24	128	83387	16.08	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.49	70	48924	15.27	ng/ul	99
28) Naphthalene	11.60	128	44218	2.88	ng/ul	99
33) 4-Chloro-3-methylphenol	12.77	107	69026	16.21	ng/ul	99
34) 2-Methylnaphthalene	13.15	142	12626	1.18	ng/ul	92
45) Dimethylphthalate	14.71	163	126322	11.00	ng/ul	99
48) Acenaphthylene	15.02	152	19655	1.24	ng/ul	98
50) Acenaphthene	15.34	153	221729	21.11	ng/ul	97
53) 4-Nitrophenol	15.47	109	16011	14.09	ng/ul	98
54) Dibenzofuran	15.67	168	56021	3.94	ng/ul	97
55) 2,4-Dinitrotoluene	15.63	165	52637	15.86	ng/ul	97
59) Fluorene	16.31	166	79121	6.77	ng/ul	97
69) Pentachlorophenol	17.64	266	13349	9.68	ng/ul	93
70) Phenanthrene	18.04	178	1591049	90.19	ng/ul	99
72) Anthracene	18.13	178	252954	14.09	ng/ul	99
75) Carbazole	18.39	167	167206	10.66	ng/ul	100
77) Fluoranthene	20.00	202	2757846	151.41	ng/ul	99
80) Pyrene	20.36	202	2466260	126.69	ng/ul	99
83) Benzo(a)anthracene	22.07	228	1067726	58.61	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	33470	2.54	ng/ul	99
85) Chrysene	22.13	228	1111563	64.68	ng/ul	96

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002827.D
Acq On : 02 Oct 2015 05:16
Operator : UM/IZ
Sample : G3798-26MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Quant Time: Oct 02 08:52:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.88	252	1456575	75.18	ng/ul	98
89) Benzo(k)fluoranthene	23.88	252	381760	20.81	ng/ul	97
91) Benzo(a)pyrene	24.56	252	974954	52.39	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.40	276	739835	34.08	ng/ul#	93
93) Dibenzo(a,h)anthracene	27.51	278	49651	2.71	ng/ul	92
94) Benzo(g,h,i)perylene	28.25	276	652917	35.72	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002827.D
Acq On : 02 Oct 2015 05:16
Operator : UM/IZ
Sample : G3798-26MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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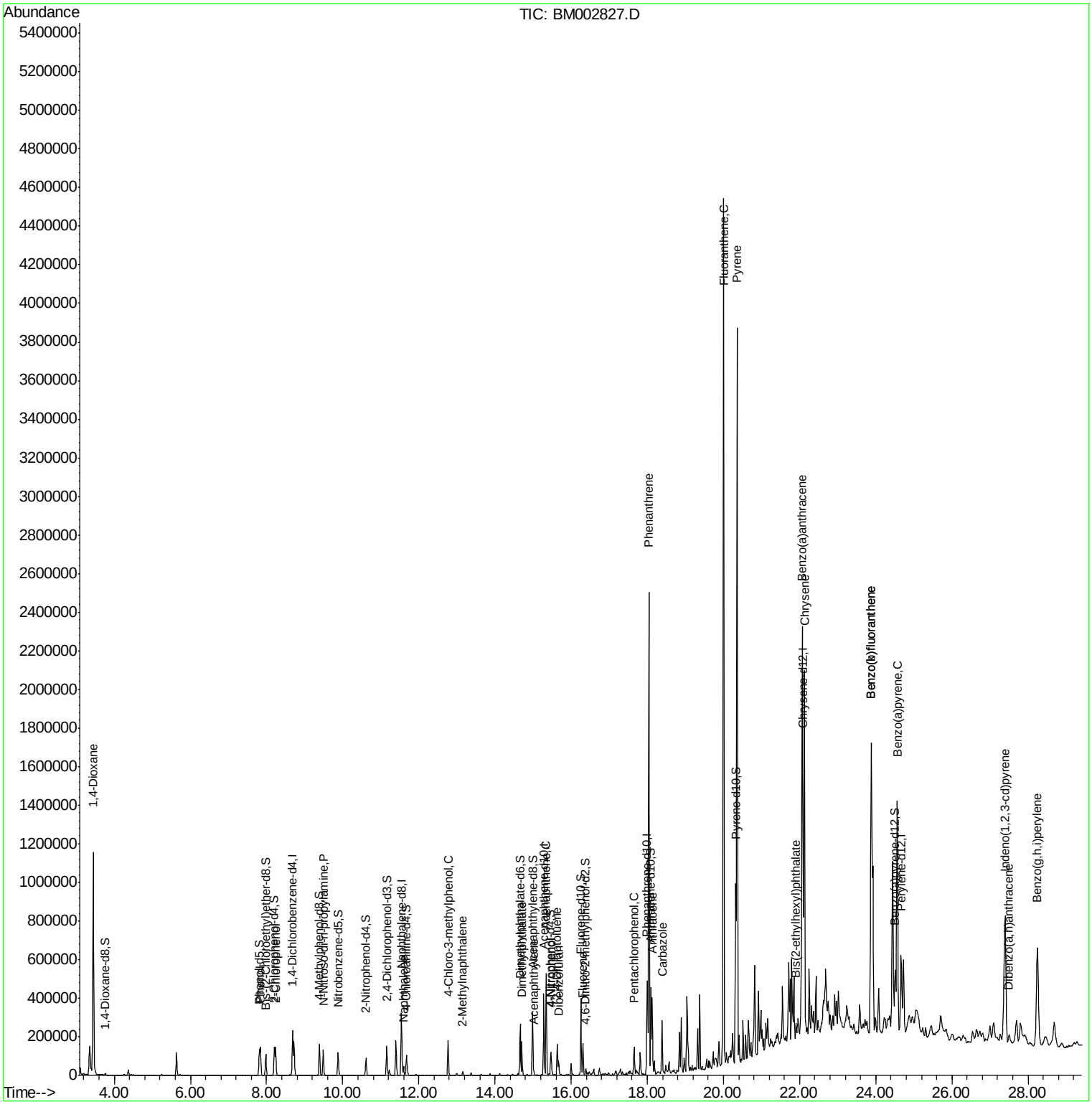
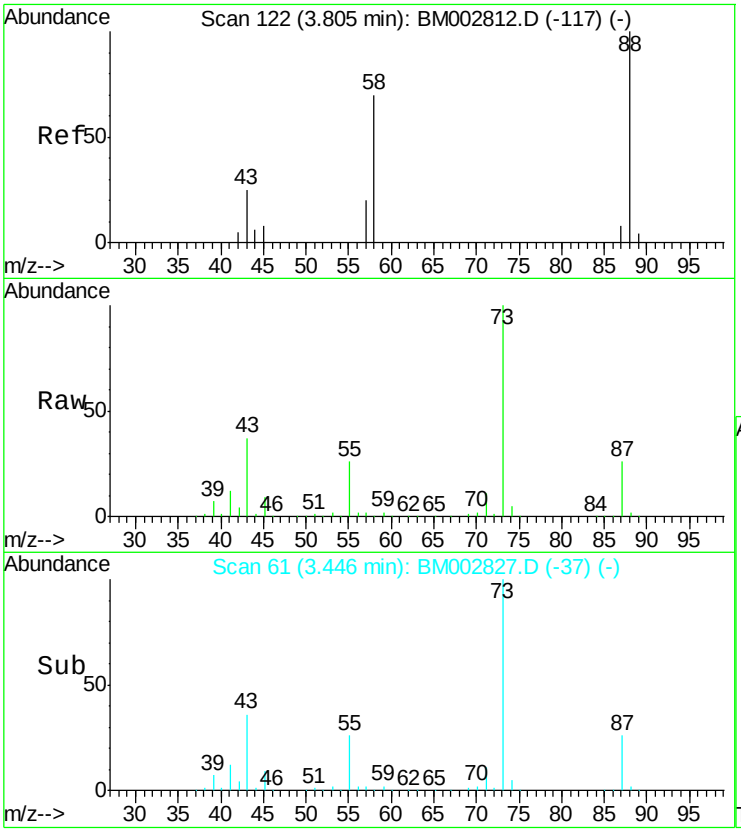
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration



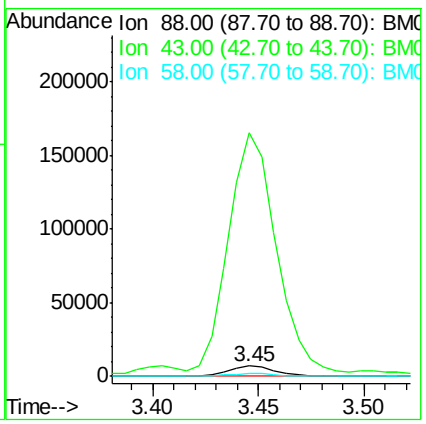


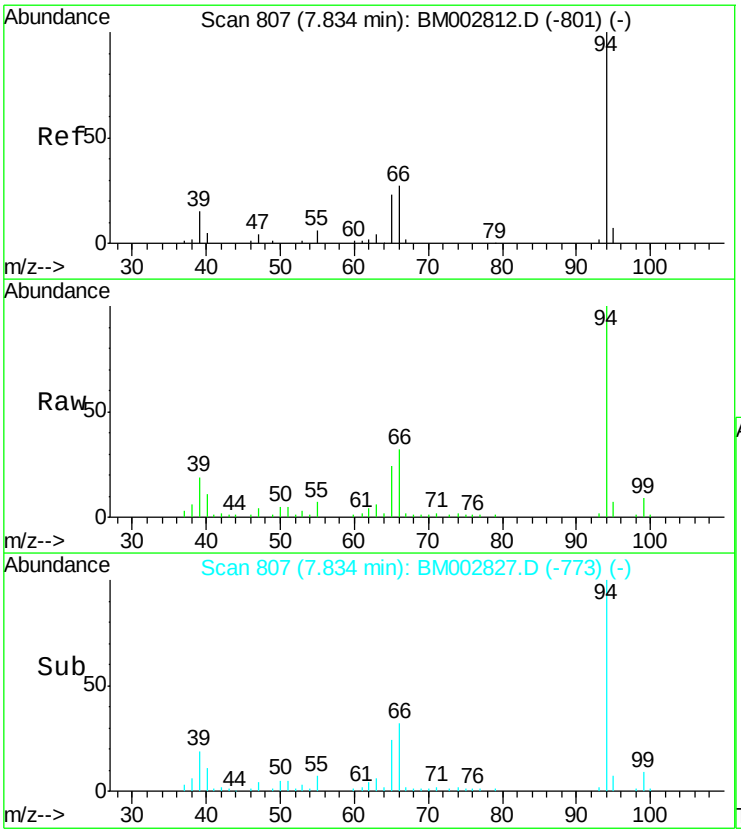
#2
1,4-Dioxane
Concen: 6.25 ng/uL
RT: 3.45 min Scan# 61
Delta R.T. -0.36 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion: 88 Resp: 10794

Ion	Ratio	Lower	Upper
88	100		
43	2445.0	26.2	39.4#
58	25.6	58.5	87.7#

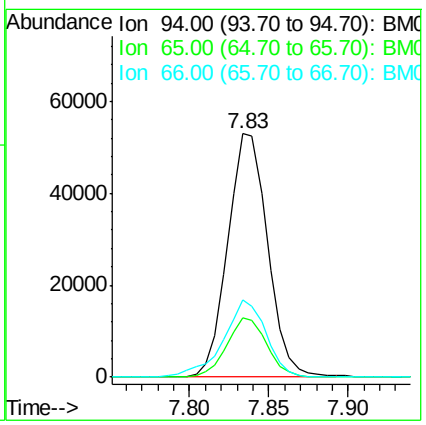


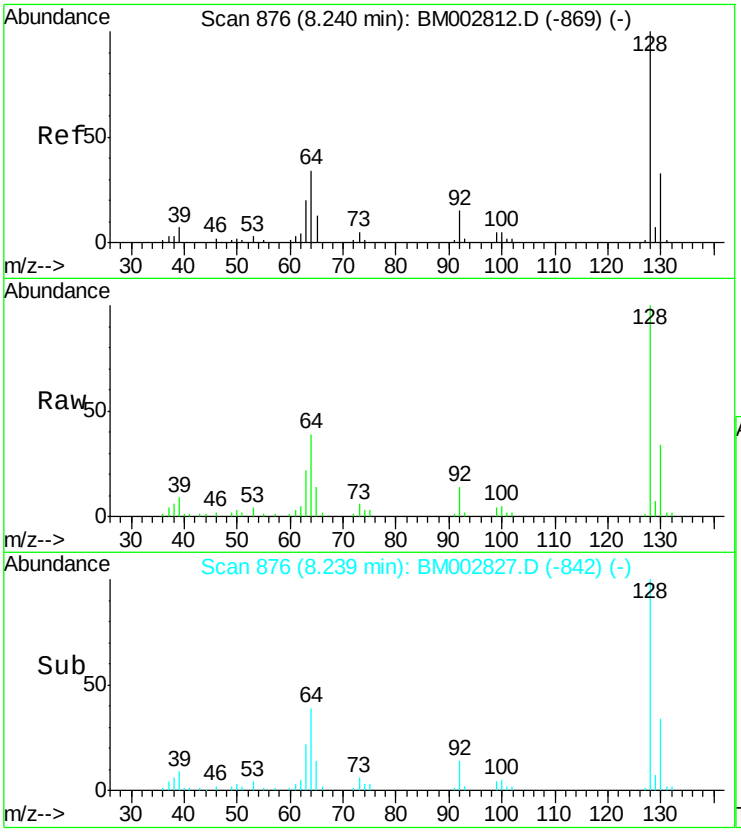


#6
Phenol
Concen: 16.30 ng/ul
RT: 7.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion: 94 Resp: 92511

Ion	Ratio	Lower	Upper
94	100		
65	24.5	19.4	29.2
66	31.6	25.2	37.8



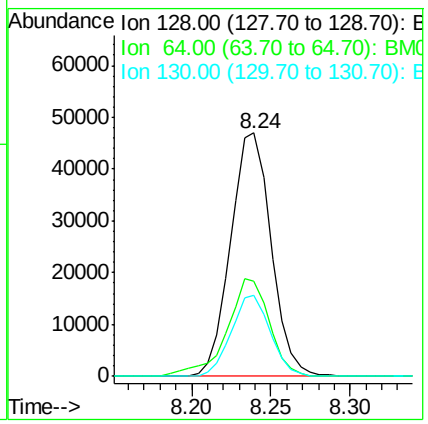


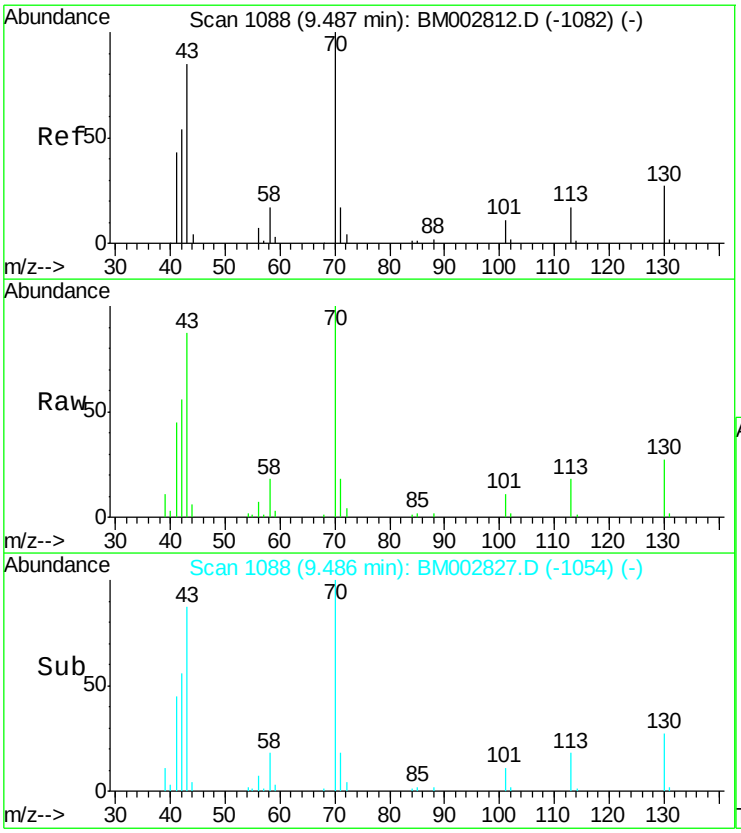
#10
2-Chlorophenol
Concen: 16.08 ng/ul
RT: 8.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:128 Resp: 83387

Ion	Ratio	Lower	Upper
128	100		
64	39.0	32.1	48.1
130	33.5	25.8	38.6

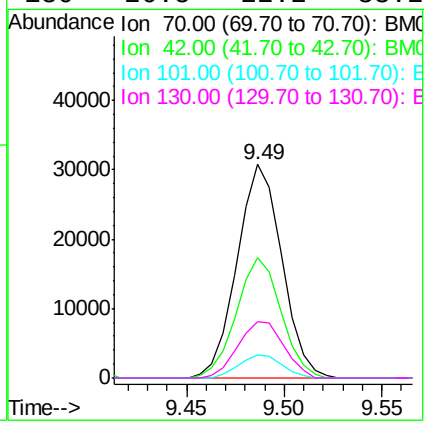


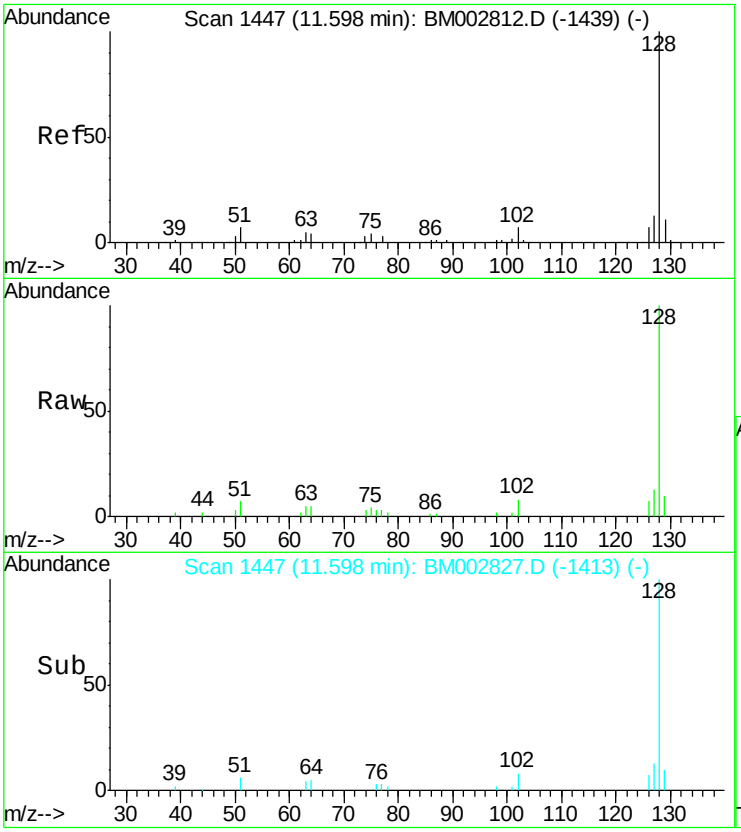


#15
N-Nitroso-di-n-propylamine
Concen: 15.27 ng/ul
RT: 9.49 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion: 70 Resp: 48924

Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.2	67.8
101	10.8	9.1	13.7
130	26.5	22.2	33.2



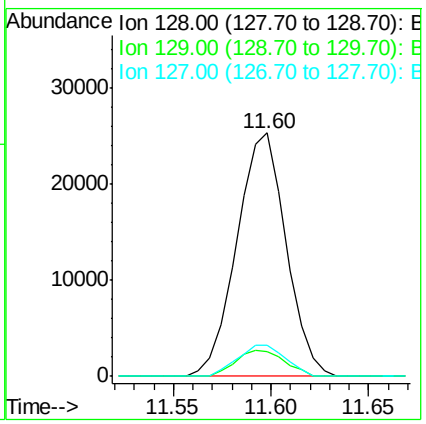


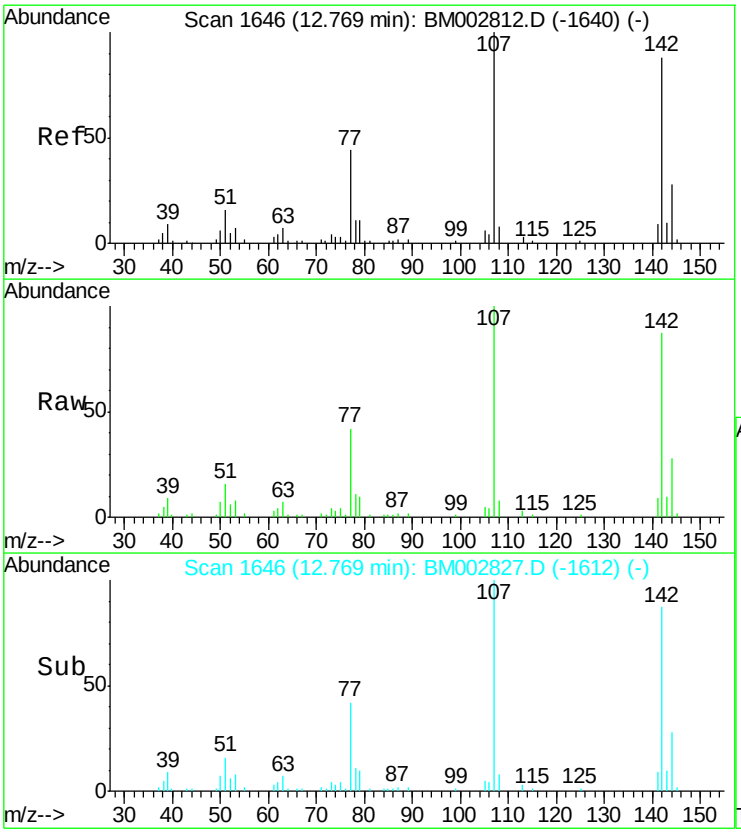
#28
Naphthalene
Concen: 2.88 ng/ul
RT: 11.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:128 Resp: 44218

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	12.9	9.9	14.9

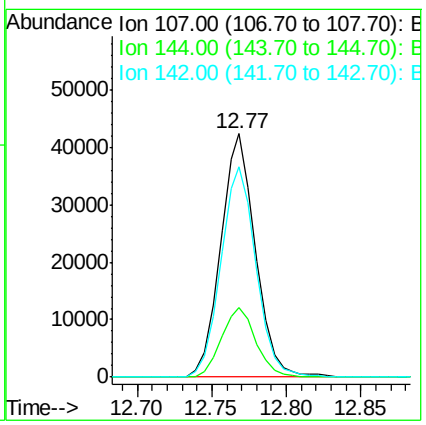


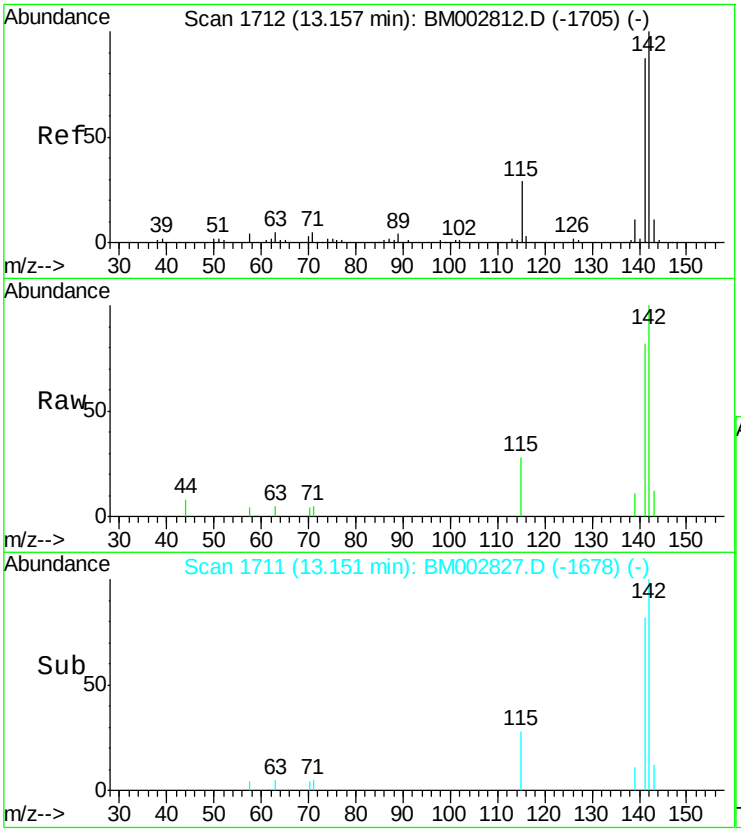


#33
4-Chloro-3-methylphenol
Concen: 16.21 ng/ul
RT: 12.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:107 Resp: 69026

Ion	Ratio	Lower	Upper
107	100		
144	28.4	21.9	32.9
142	86.6	69.8	104.8



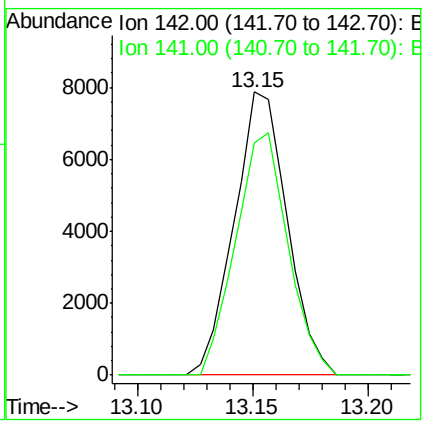


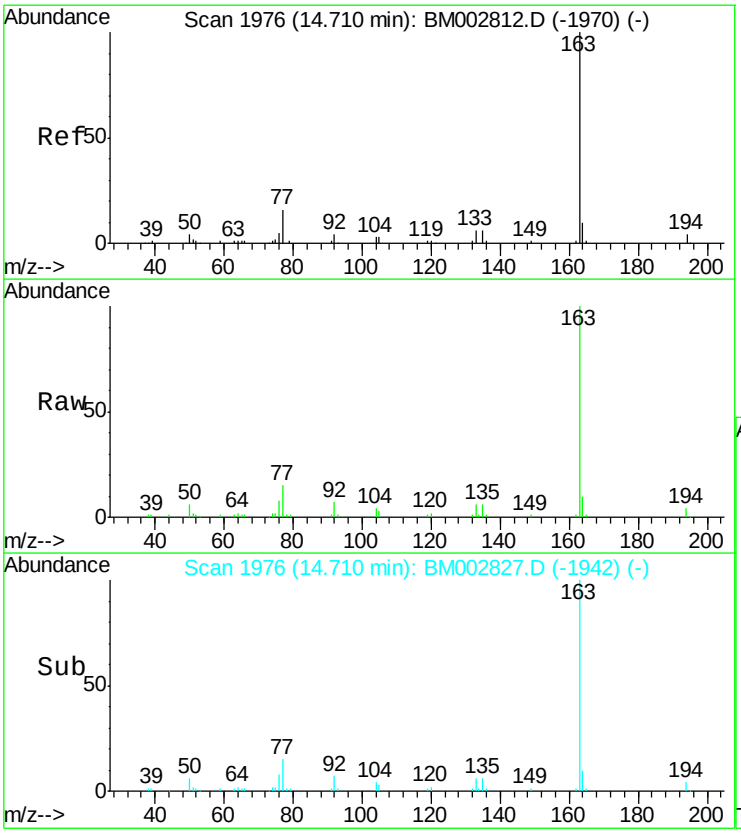
#34
2-Methylnaphthalene
Concen: 1.18 ng/ul
RT: 13.15 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:142 Resp: 12626

Ion	Ratio	Lower	Upper
142	100		
141	82.0	71.2	106.8

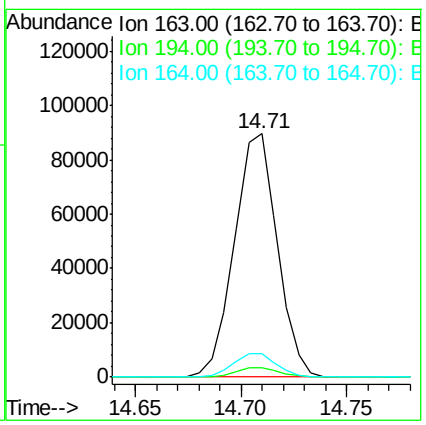


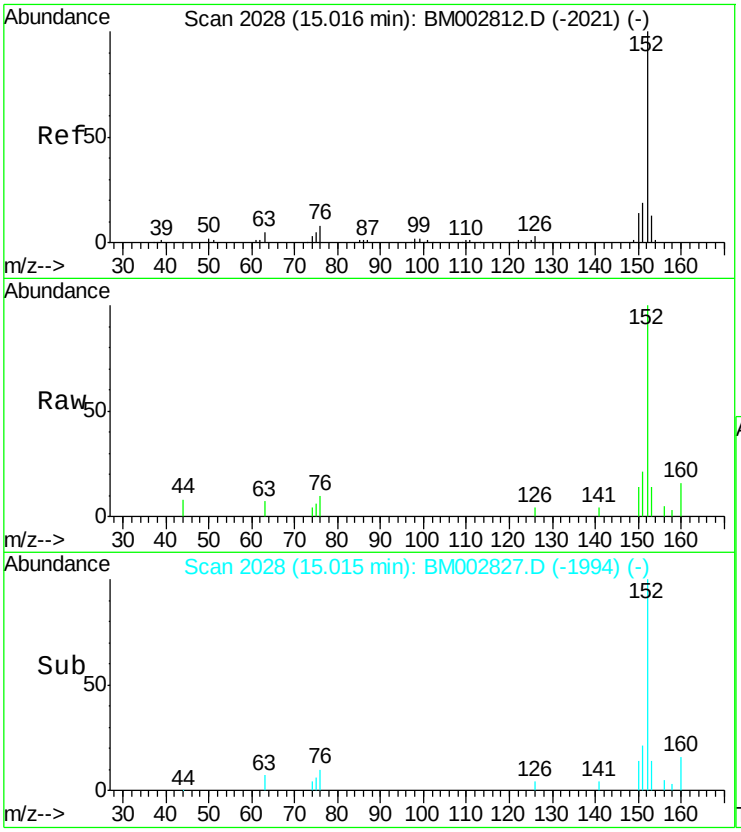


#45
Dimethylphthalate
Concen: 11.00 ng/ul
RT: 14.71 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:163 Resp: 126322

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.6	8.1	12.1



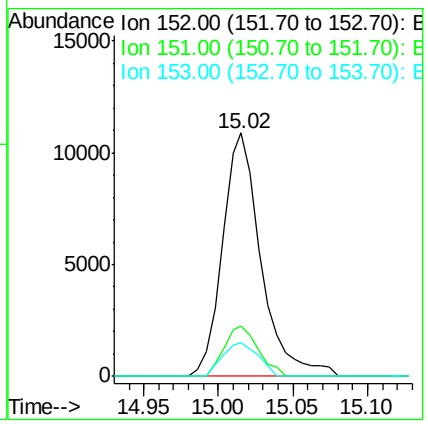


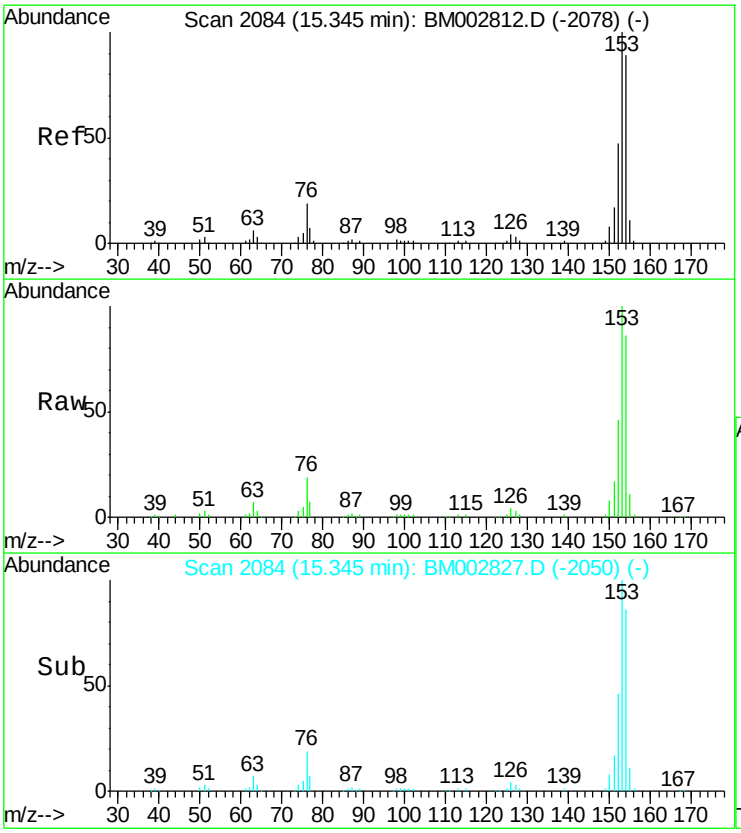
#48
Acenaphthylene
Concen: 1.24 ng/ul
RT: 15.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:152 Resp: 19655

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.6	23.4
153	13.8	10.4	15.6

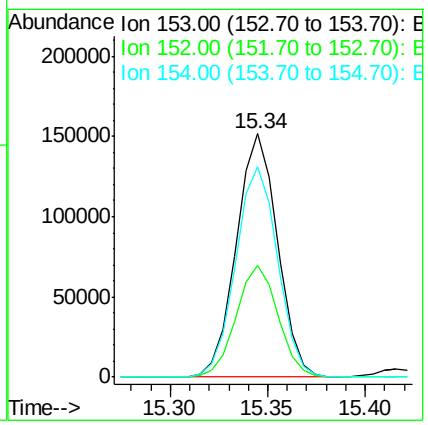


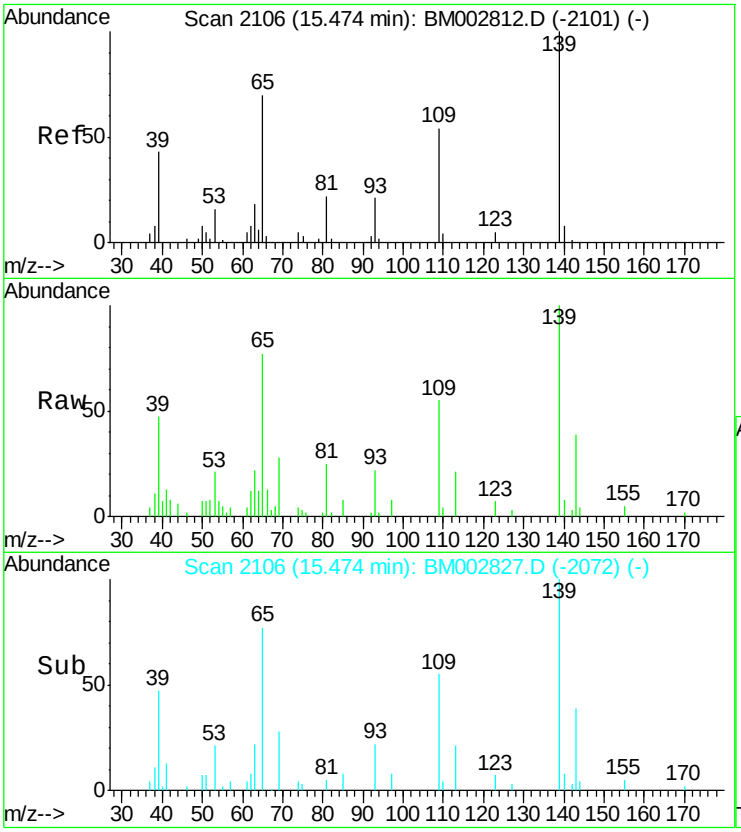


#50
Acenaphthene
Concen: 21.11 ng/ul
RT: 15.34 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:153 Resp: 221729

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.2	55.8
154	86.5	71.9	107.9



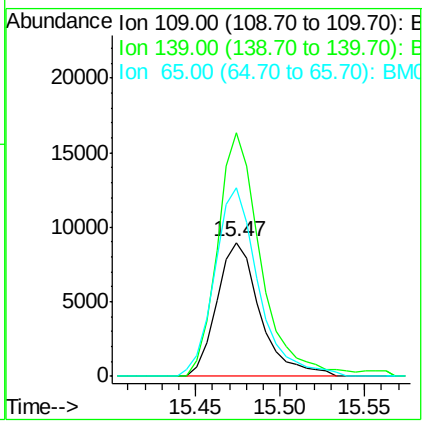


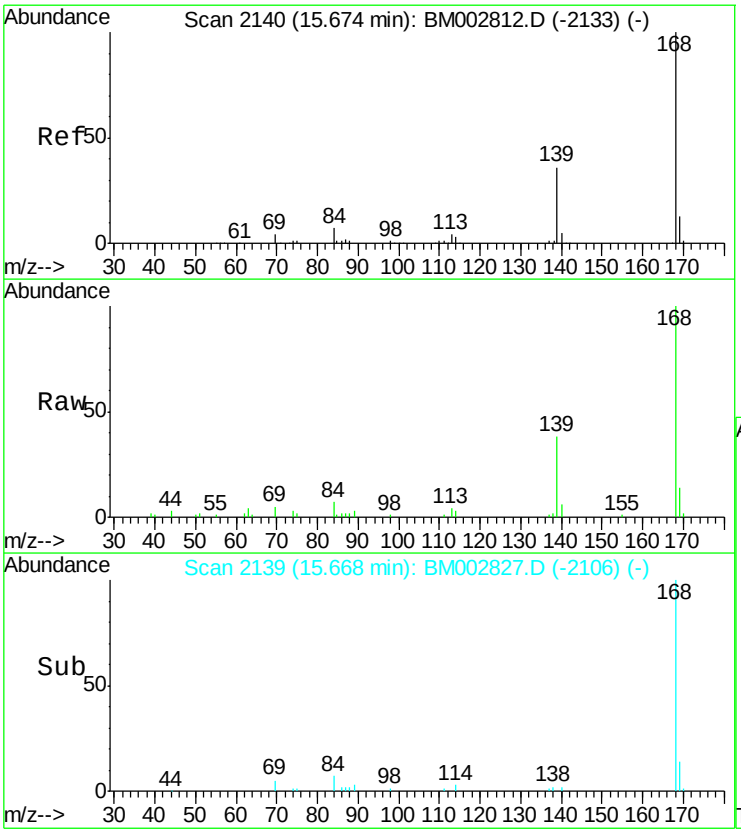
#53
4-Nitrophenol
Concen: 14.09 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:109 Resp: 16011

Ion	Ratio	Lower	Upper
109	100		
139	181.7	143.4	215.2
65	140.7	110.3	165.5

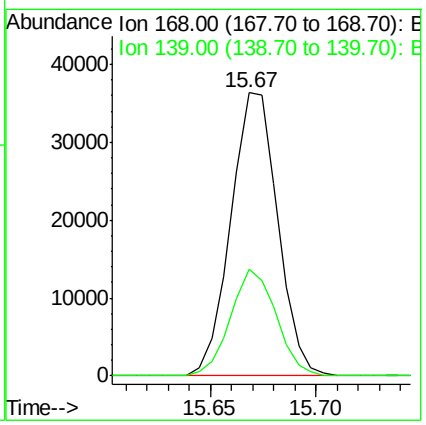


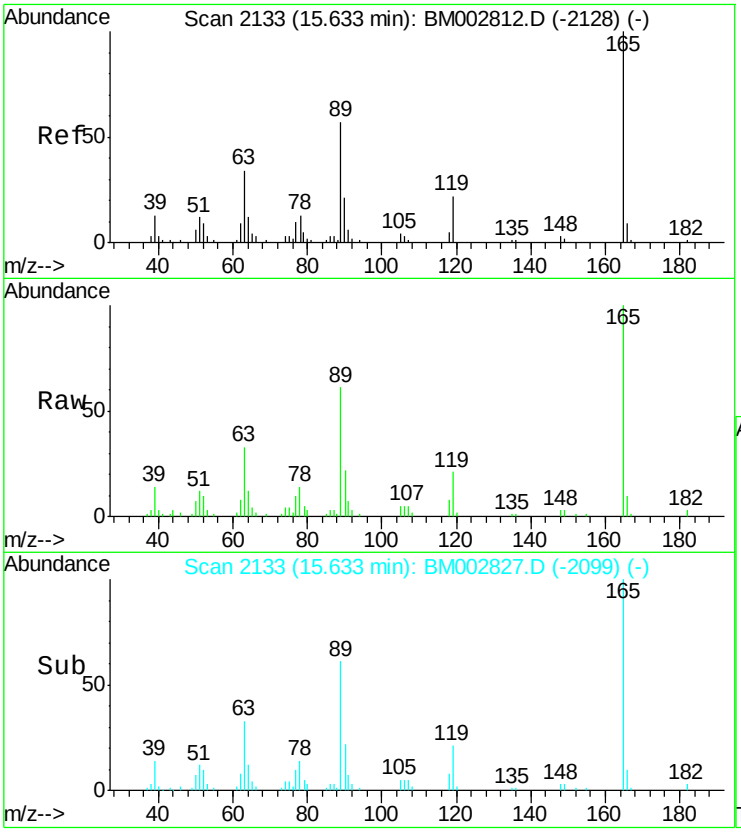


#54
Dibenzofuran
Concen: 3.94 ng/ul
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:168 Resp: 56021

Ion	Ratio	Lower	Upper
168	100		
139	37.6	28.7	43.1



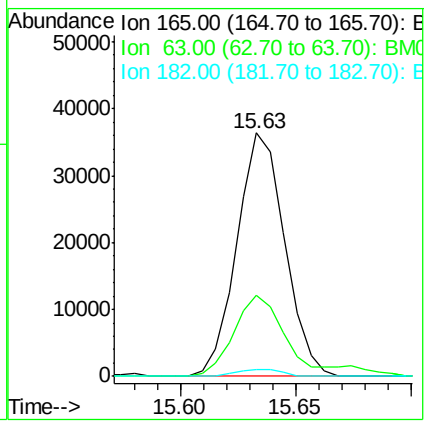


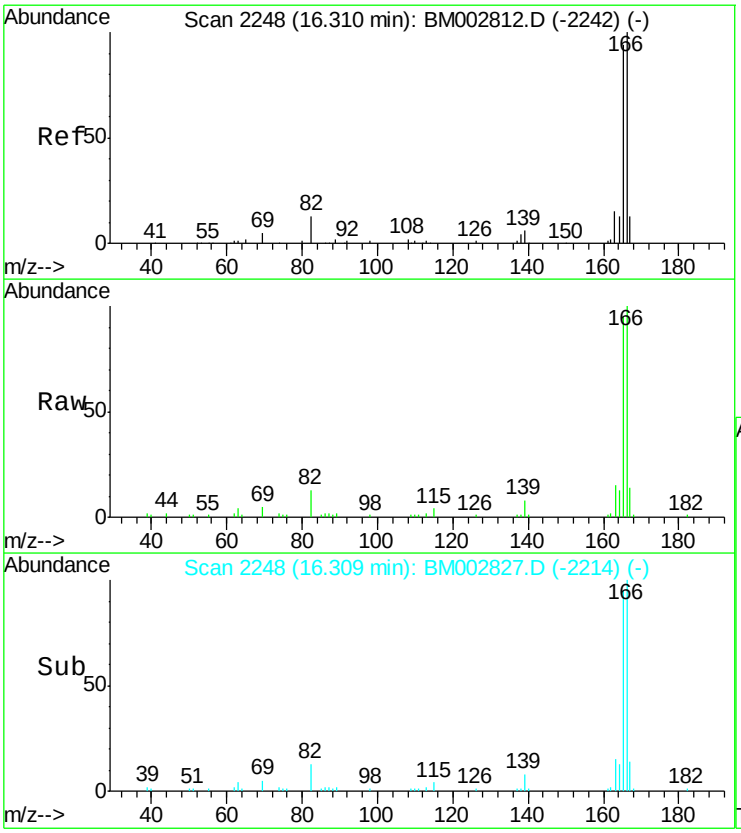
#55
2,4-Dinitrotoluene
Concen: 15.86 ng/ul
RT: 15.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:165 Resp: 52637

Ion	Ratio	Lower	Upper
165	100		
63	33.3	25.4	38.2
182	2.8	2.6	3.8

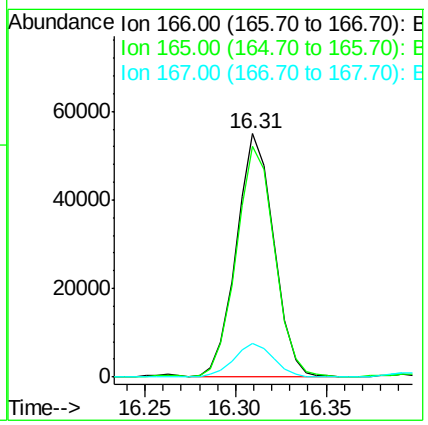


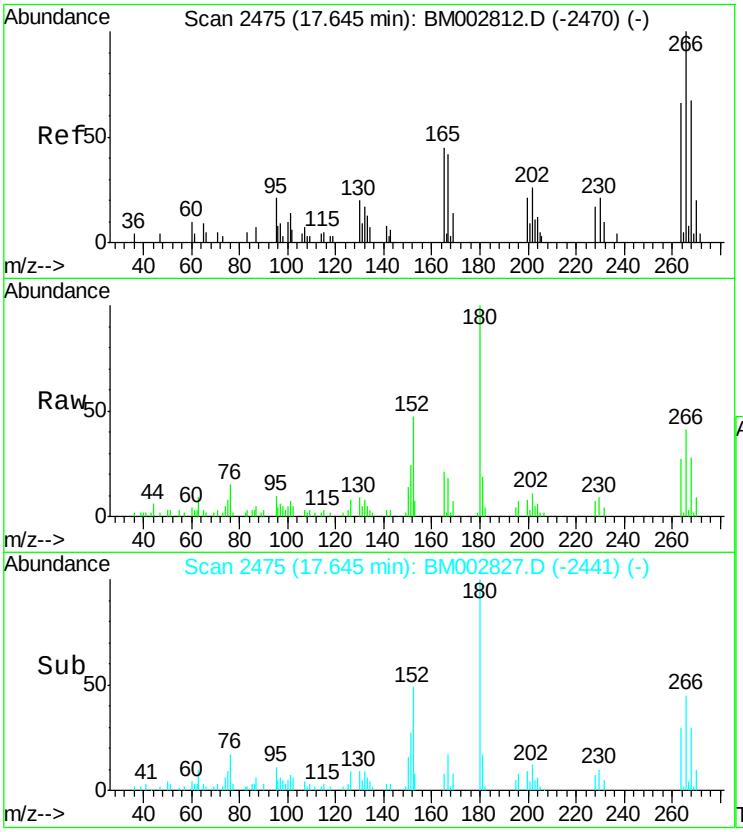


#59
Fluorene
Concen: 6.77 ng/ul
RT: 16.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:166 Resp: 79121

Ion	Ratio	Lower	Upper
166	100		
165	94.6	78.0	117.0
167	13.9	10.6	16.0



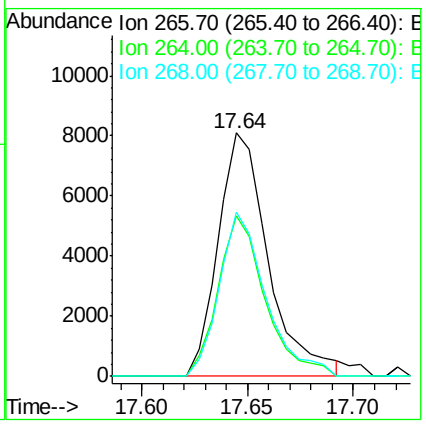


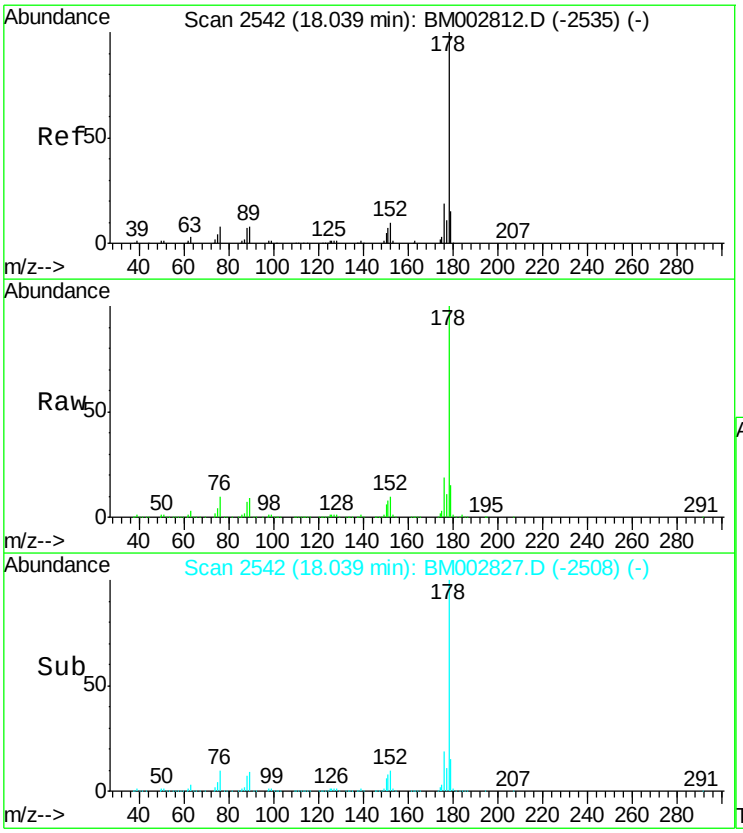
#69
Pentachlorophenol
Concen: 9.68 ng/ul
RT: 17.64 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:266 Resp: 13349

Ion	Ratio	Lower	Upper
266	100		
264	66.0	49.4	74.2
268	67.7	49.1	73.7

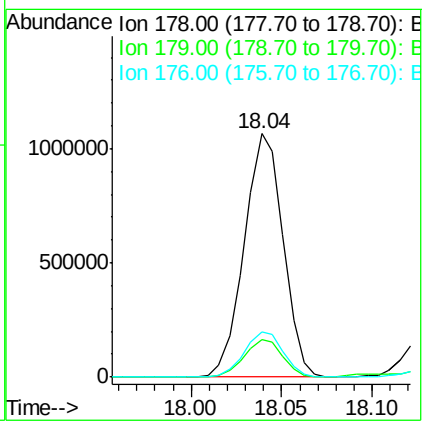


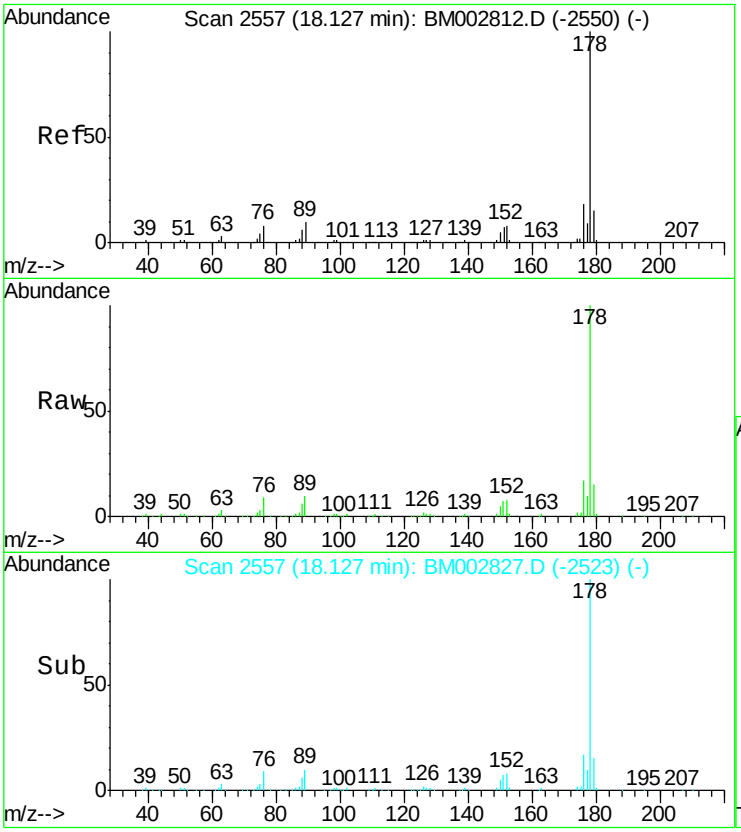


#70
Phenanthrene
Concen: 90.19 ng/ul
RT: 18.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:178 Resp: 1591049

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.8	14.6	22.0



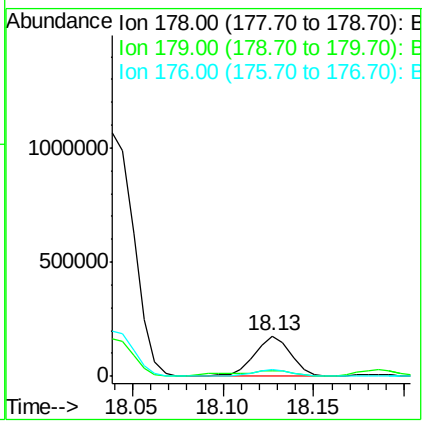


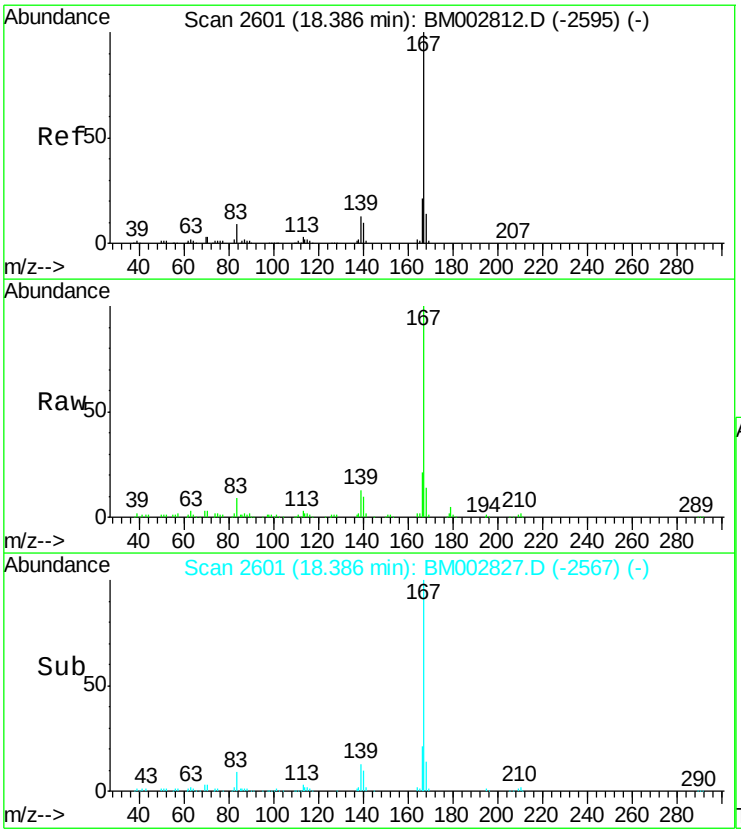
#72
Anthracene
Concen: 14.09 ng/ul
RT: 18.13 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:178 Resp: 252954

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	17.4	14.4	21.6

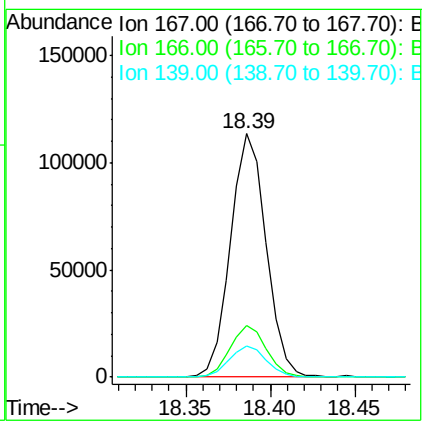


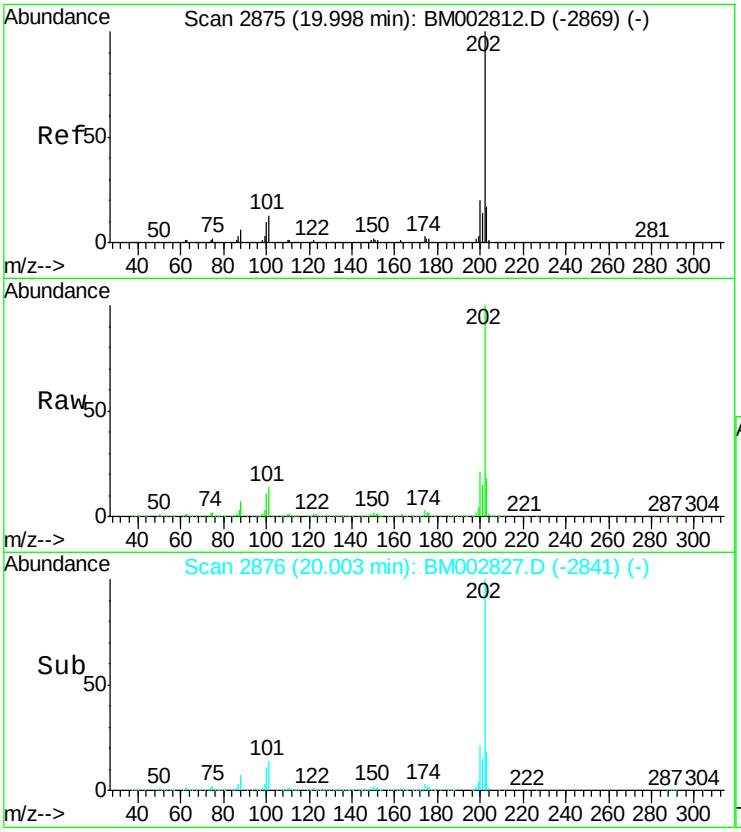


#75
Carbazole
Concen: 10.66 ng/ul
RT: 18.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:167 Resp: 167206

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	12.6	10.1	15.1



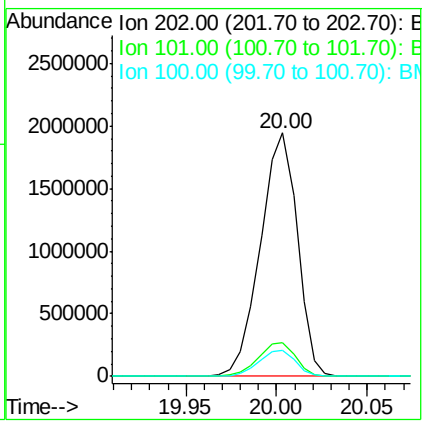


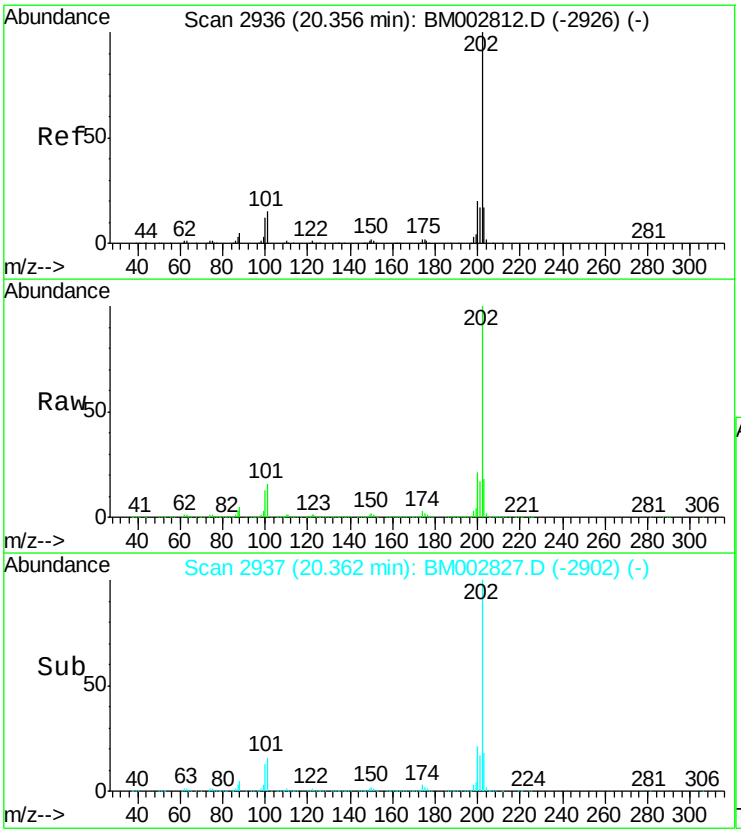
#77
Fluoranthene
Concen: 151.41 ng/ul
RT: 20.00 min Scan# 2876
Delta R.T. 0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:202 Resp: 2757846

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.4
100	10.7	8.3	12.5

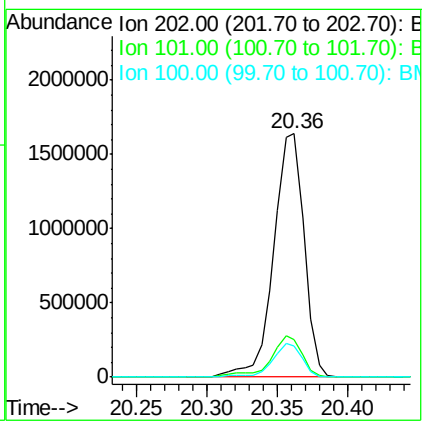


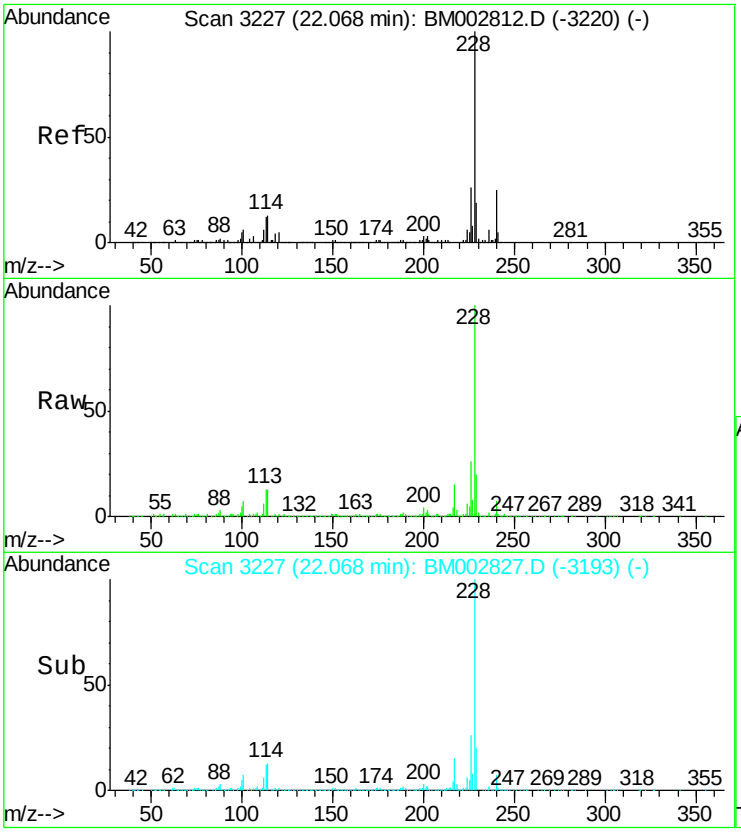


#80
Pyrene
Concen: 126.69 ng/ul
RT: 20.36 min Scan# 2937
Delta R.T. 0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:202 Resp: 2466260

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.1	18.1
100	13.0	10.2	15.4



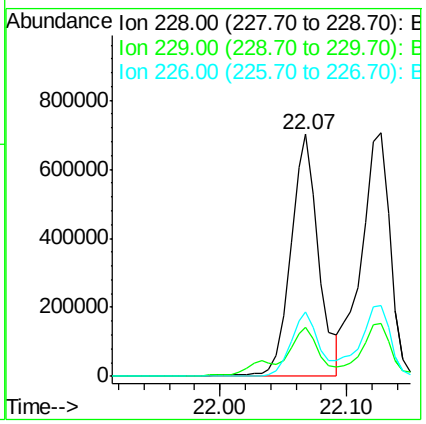


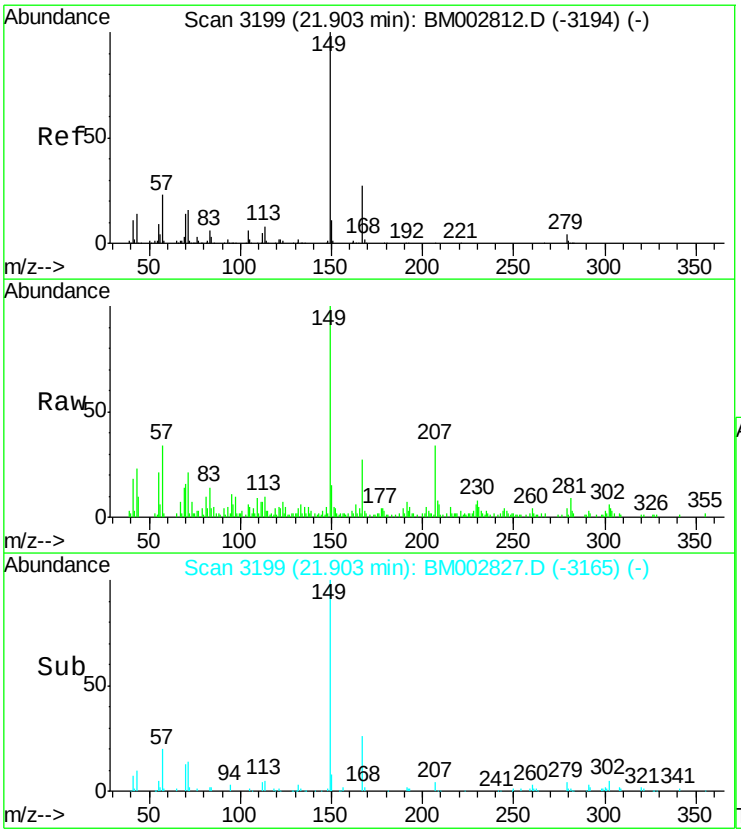
#83
Benzo(a)anthracene
Concen: 58.61 ng/ul
RT: 22.07 min Scan# 3227
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:228 Resp: 1067726

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.1	24.1
226	26.5	20.9	31.3

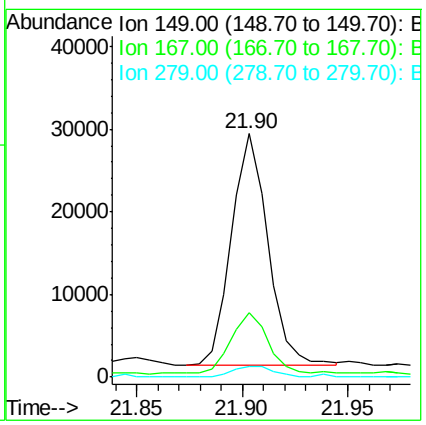


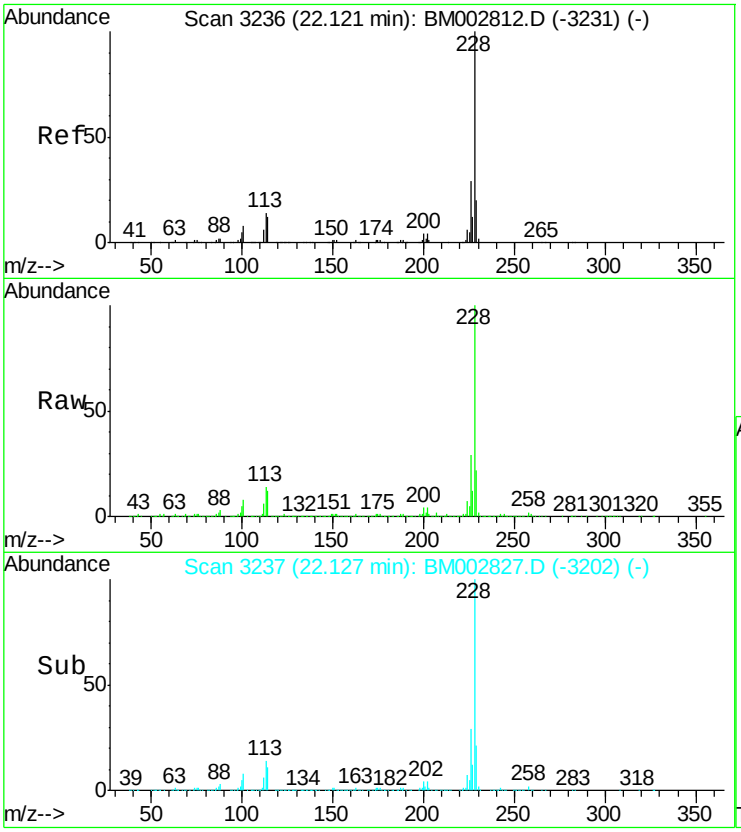


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.54 ng/ul
RT: 21.90 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:149 Resp: 33470

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.7	32.5
279	4.2	3.0	4.6



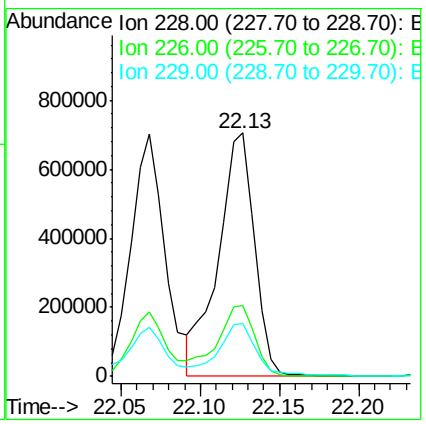


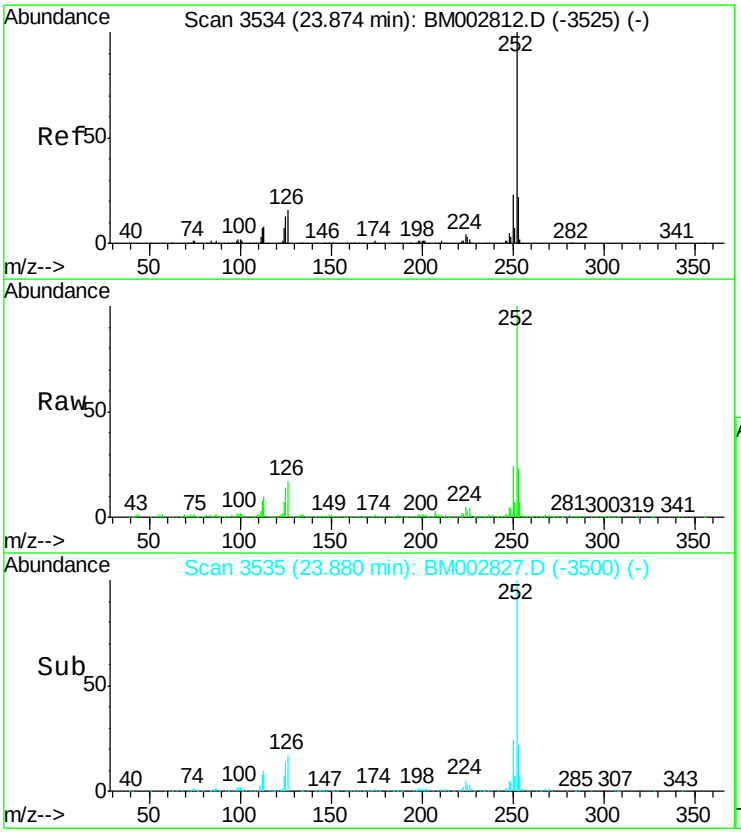
#85
Chrysene
Concen: 64.68 ng/ul
RT: 22.13 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:228 Resp: 1111563

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.4	33.6
229	21.7	15.4	23.2

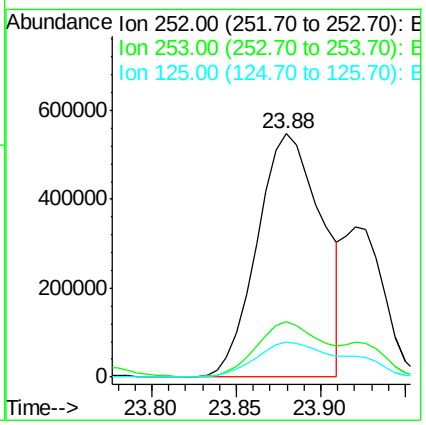


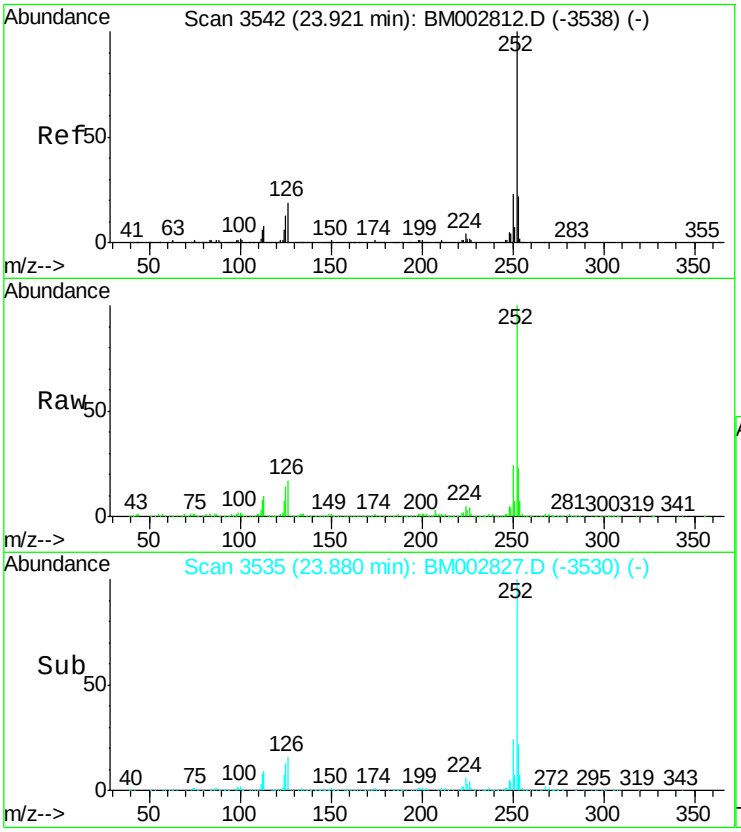


#88
Benzo(b)fluoranthene
Concen: 75.18 ng/ul
RT: 23.88 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:252 Resp: 1456575

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	14.1	10.6	15.8



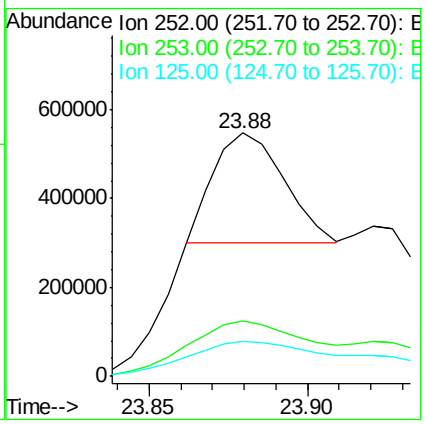


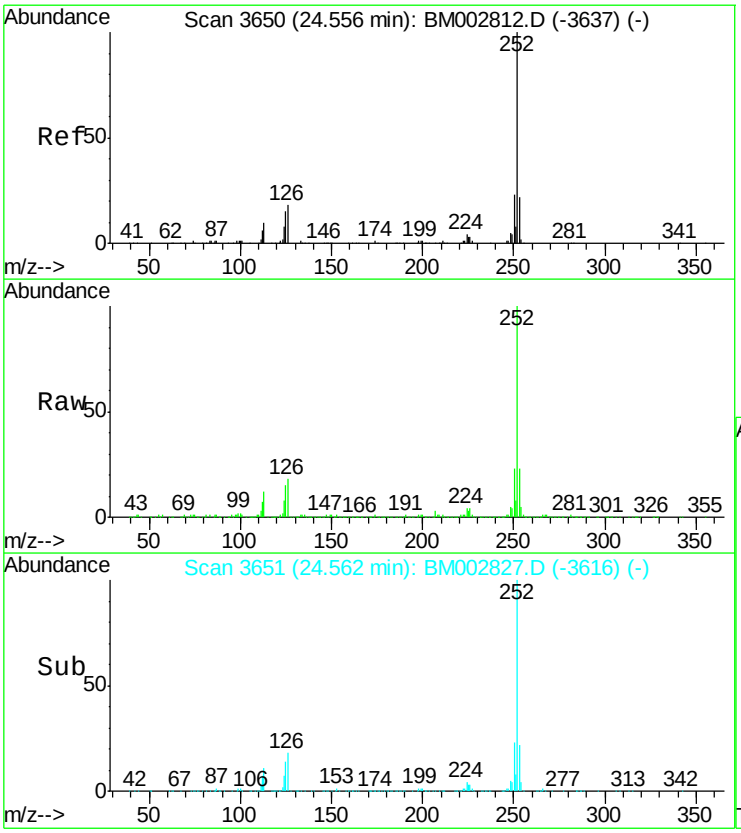
#89
Benzo(k)fluoranthene
Concen: 20.81 ng/ul
RT: 23.88 min Scan# 3535
Delta R.T. -0.04 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:252 Resp: 381760

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	14.1	10.0	15.0

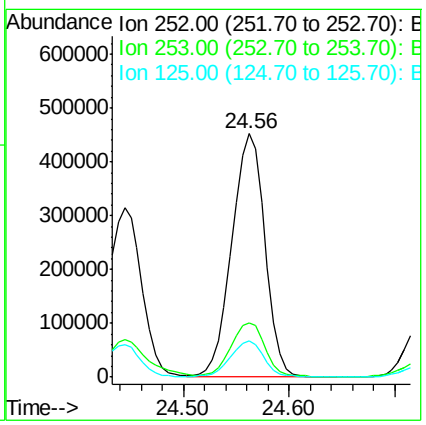


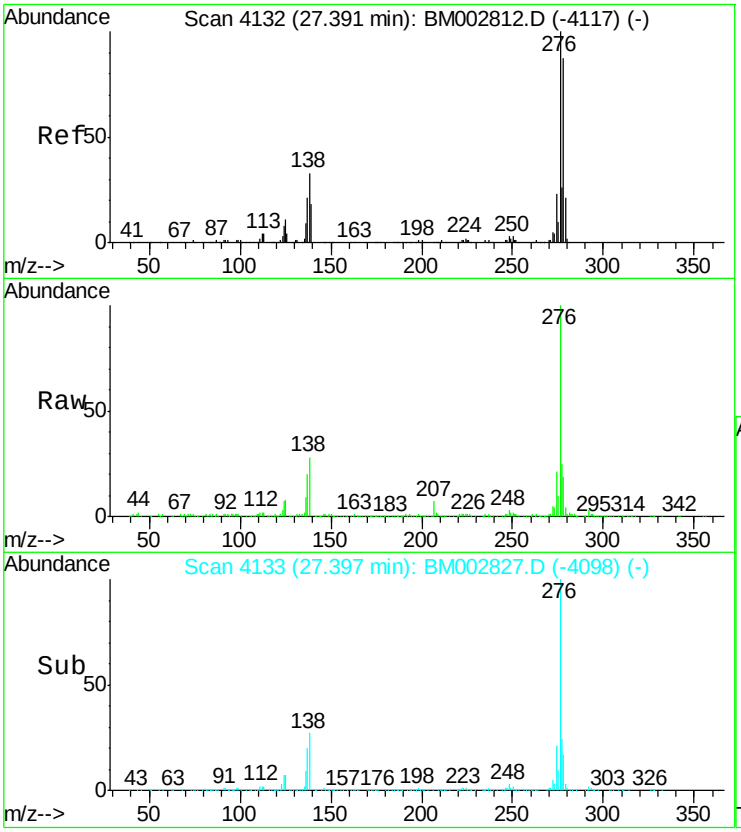


#91
Benzo(a)pyrene
Concen: 52.39 ng/ul
RT: 24.56 min Scan# 3651
Delta R.T. 0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:252 Resp: 974954

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.8	11.4	17.2



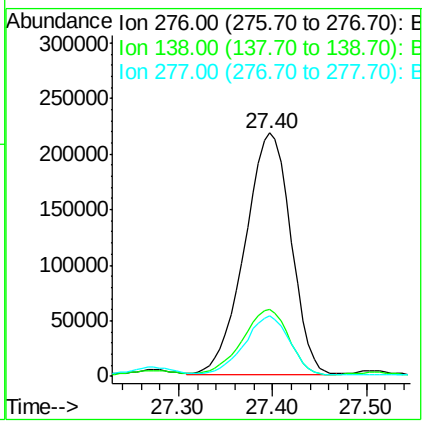


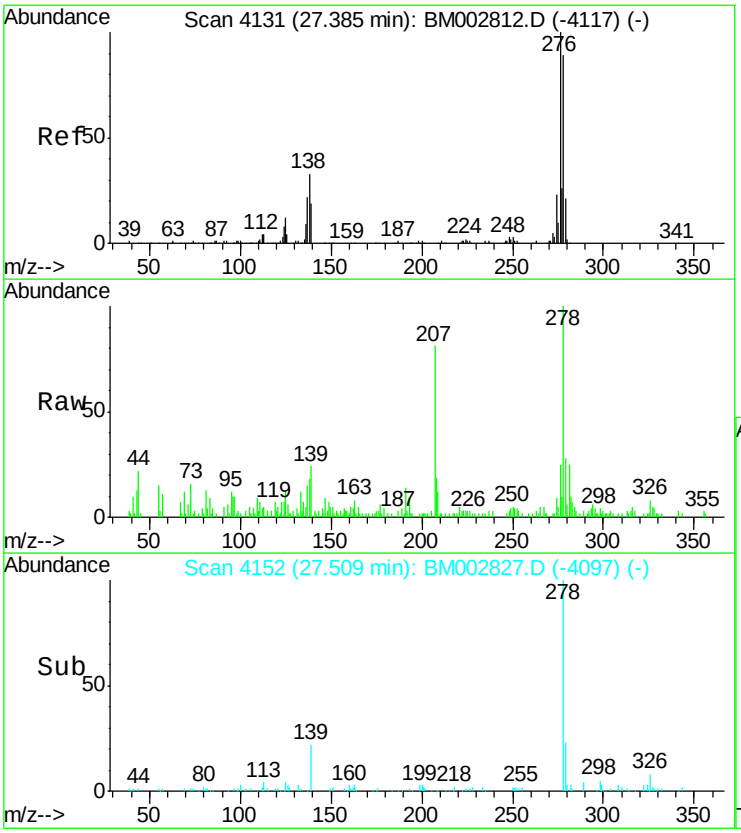
#92
Indeno(1,2,3-cd)pyrene
Concen: 34.08 ng/ul
RT: 27.40 min Scan# 4133
Delta R.T. 0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:276 Resp: 739835

Ion	Ratio	Lower	Upper
276	100		
138	27.6	27.7	41.5#
277	24.9	20.2	30.4

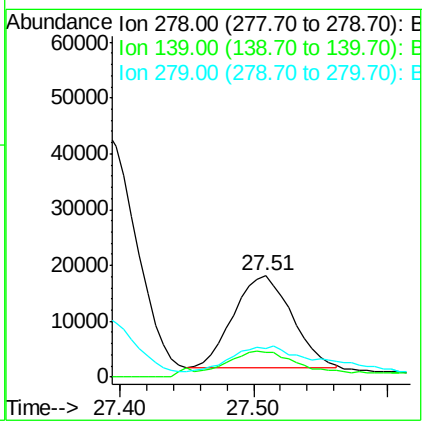


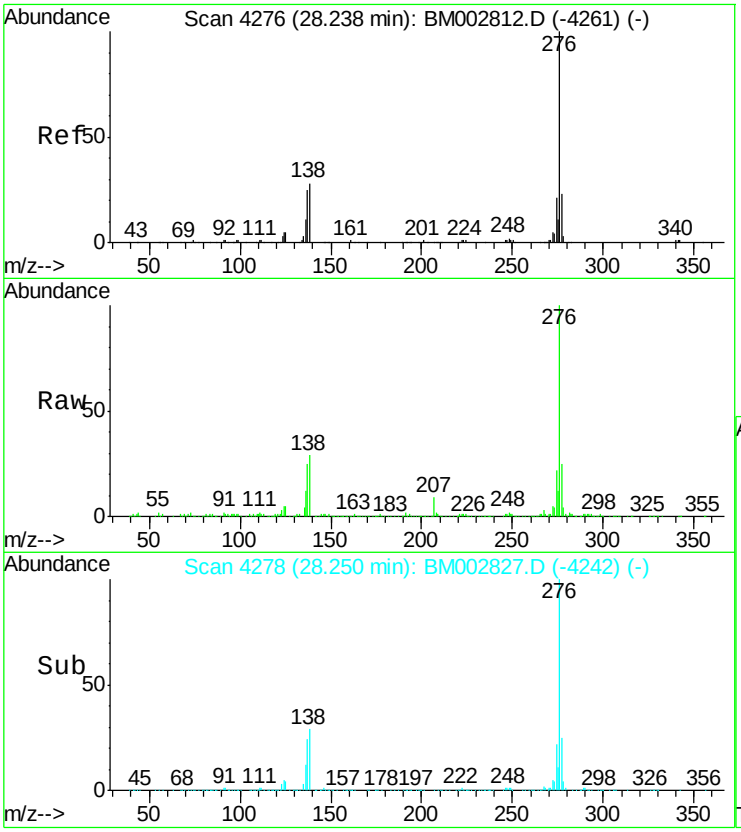


#93
Dibenzo(a,h)anthracene
Concen: 2.71 ng/ul
RT: 27.51 min Scan# 4152
Delta R.T. 0.12 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Tgt Ion:278 Resp: 49651

Ion	Ratio	Lower	Upper
278	100		
139	24.2	17.0	25.6
279	28.3	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 35.72 ng/ul
RT: 28.25 min Scan# 4278
Delta R.T. 0.01 min
Lab File: BM002827.D
Acq: 02 Oct 2015 05:16

Instrument :
BNA_M
ClientSampleId :
D9G67MSD

Tgt Ion:276 Resp: 652917

Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.8	32.8
277	25.5	18.9	28.3