Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
Data File : BM005129.D
Acq On : 29 Apr 2016 00:29
Operator : UM/SJ
Sample : H2639-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J6

Quant Time: Apr 29 02:25:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 29 02:20:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	39268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	185226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	119879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	283743	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	314776	20.00	ng/ul	-0.01
83) Perylene-d12	23.64	264	263018	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	4967	6.43	ng/uL	0.00
5) Phenol-d5	6.96	99	113682	35.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	66836	36.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	90392	35.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	97854	35.53	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	46001	35.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	53845	37.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	95875	35.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	205318	64.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	328268	34.67	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	391083	34.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	53969	32.61	ng/ul	0.00
57) Fluorene-d10	15.42	176	284267	34.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	44704	27.70	ng/ul	0.00
70) Anthracene-d10	17.27	188	451664	35.50	ng/ul	0.00
76) Pyrene-d10	19.57	212	517387	36.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	435803	36.98	ng/ul	-0.01
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.49	70	2238	1.08	ng/ul#	1
28) Naphthalene	10.63	128	148437	15.89	ng/ul	100
30) 4-Chloroaniline	10.63	127	19444	5.99	ng/ul#	10
34) 2-Methylnaphthalene	12.24	142	36116	5.22	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	9991	1.05	ng/ul	98
44) Dimethylphthalate	13.88	163	86839	9.15	ng/ul	100
49) Acenaphthene	14.49	153	28342	3.61	ng/ul	98
53) Dibenzofuran	14.83	168	43228	3.73	ng/ul	99
58) Fluorene	15.48	166	32667	3.64	ng/ul	99
69) Phenanthrene	17.22	178	144426	9.56	ng/ul	99
72) Carbazole	17.58	167	18996	1.46	ng/ul	99
74) Fluoranthene	19.23	202	77464	4.66	ng/ul	99
77) Pyrene	19.60	202	55618	3.06	ng/ul	99

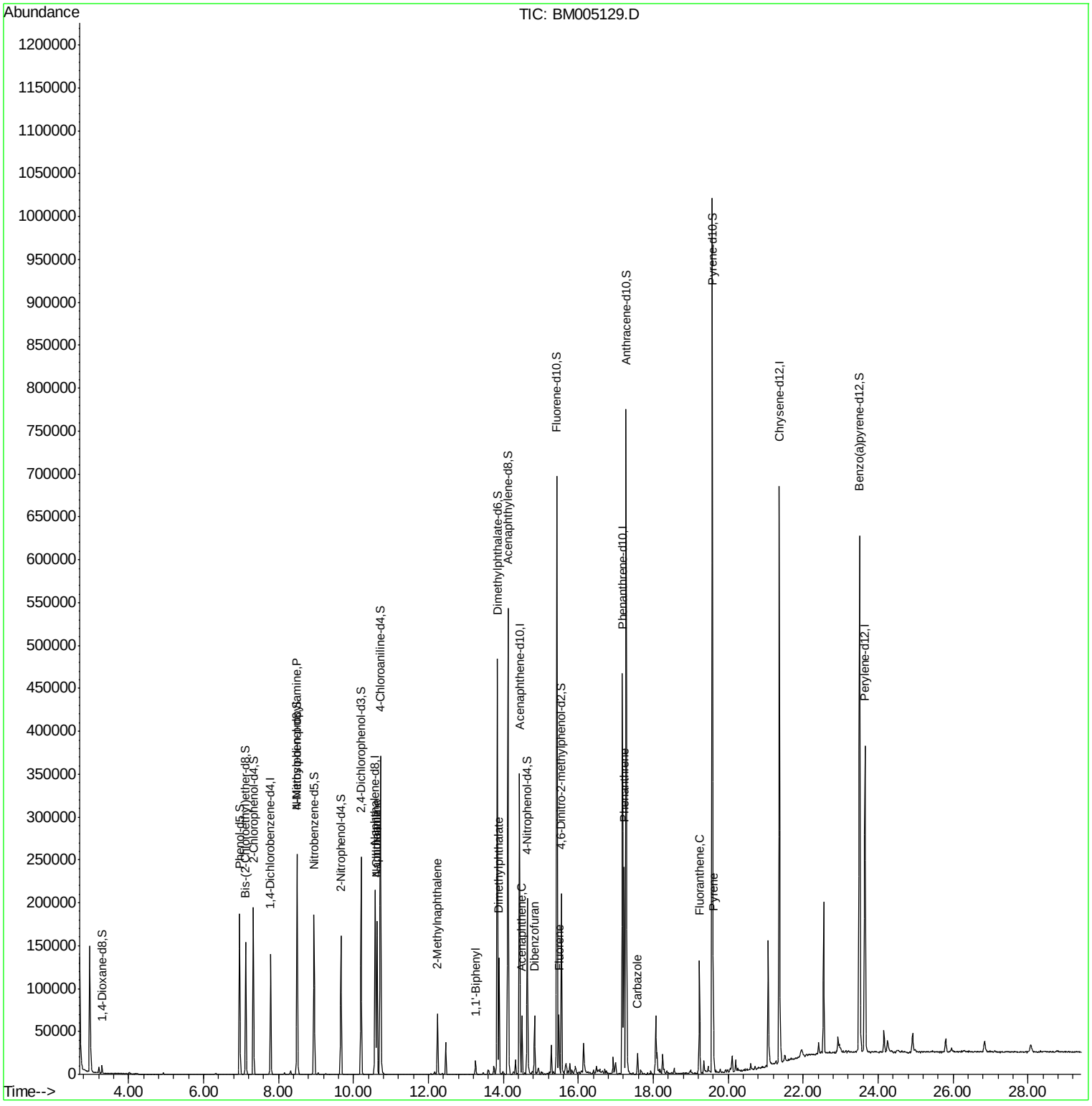
(#) = qualifier out of range (m) = manual integration (+) = signals summed

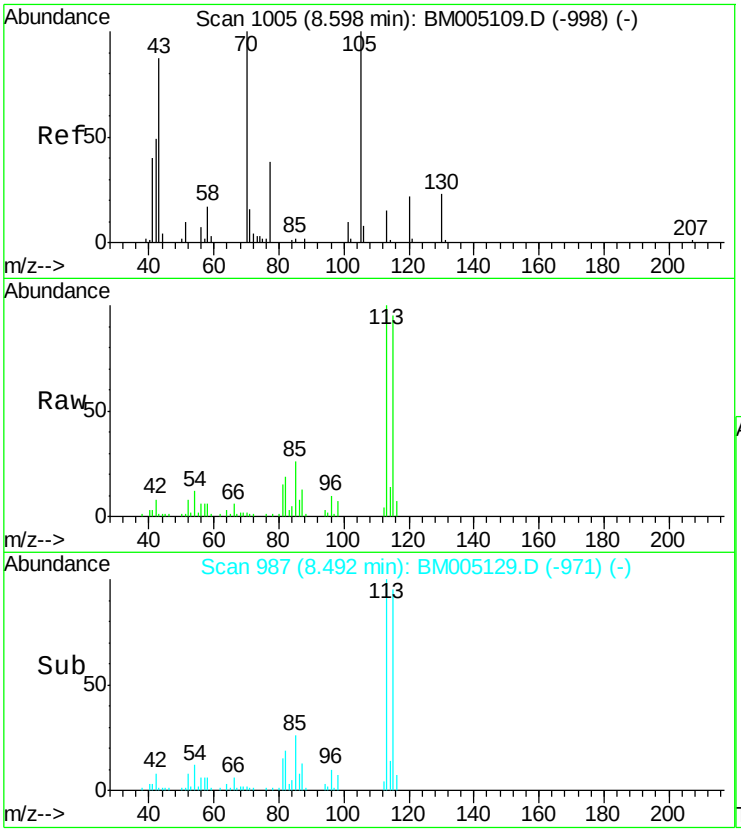
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
Data File : BM005129.D
Acq On : 29 Apr 2016 00:29
Operator : UM/SJ
Sample : H2639-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7J6

Quant Time: Apr 29 02:25:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 29 02:20:37 2016
Response via : Initial Calibration



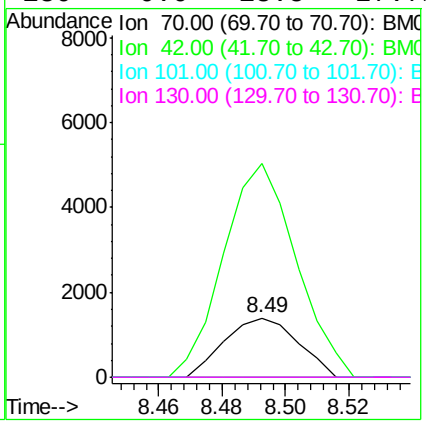


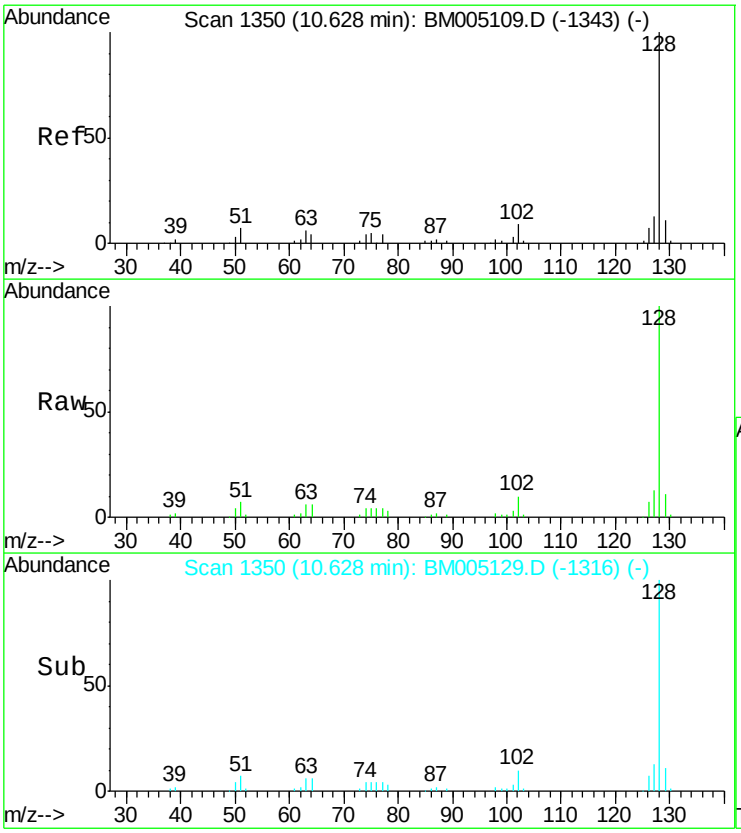
#15
N-Nitroso-di-n-propylamine
Concen: 1.08 ng/ul
RT: 8.49 min Scan# 987
Delta R.T. -0.11 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Instrument :
BNA_M
ClientSampleId :
BC7J6

Tgt Ion: 70 Resp: 2238

Ion	Ratio	Lower	Upper
70	100		
42	362.8	40.6	60.8#
101	0.0	8.2	12.4#
130	0.0	18.5	27.7#

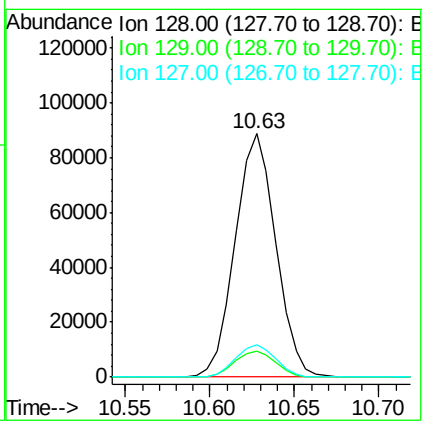


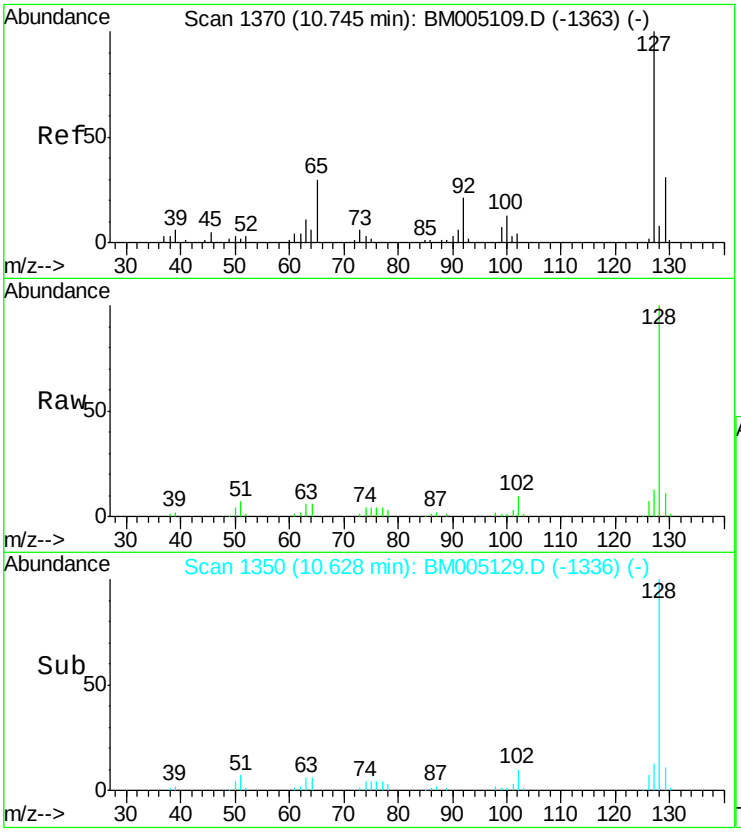


#28
Naphthalene
Concen: 15.89 ng/ul
RT: 10.63 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Tgt Ion:128 Resp: 148437

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.6	15.8



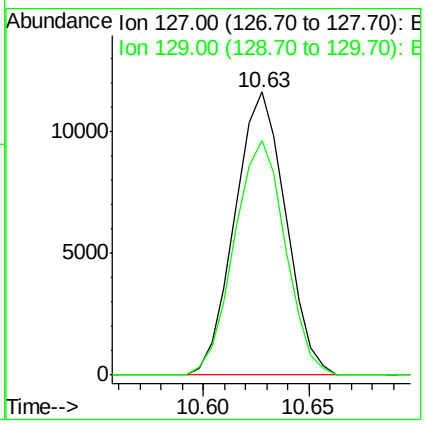


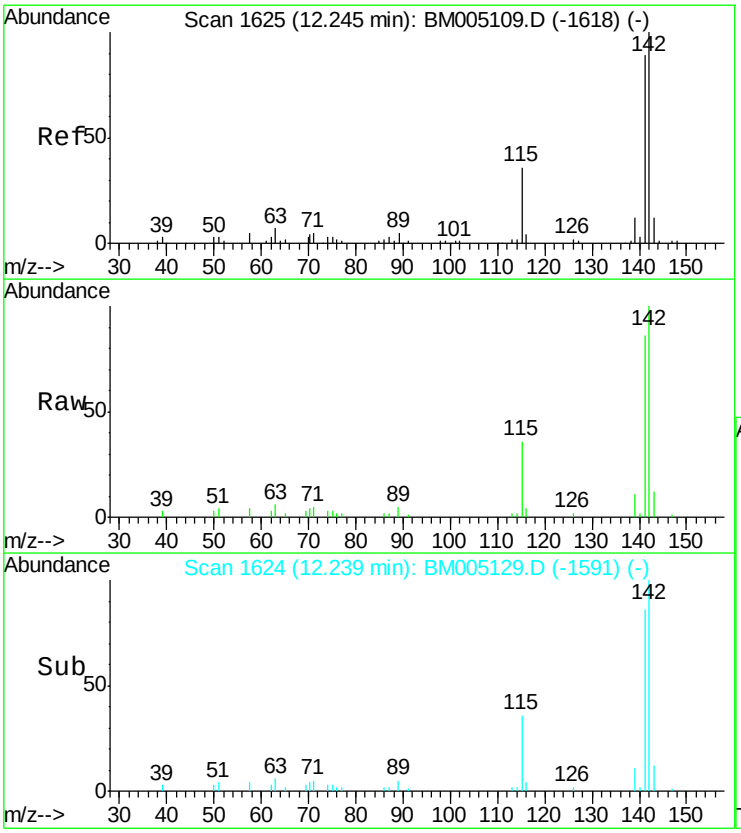
#30
4-Chloroaniline
Concen: 5.99 ng/ul
RT: 10.63 min Scan# 1350
Delta R.T. -0.12 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Instrument :
BNA_M
ClientSampleId :
BC7J6

Tgt Ion:127 Resp: 19444

Ion	Ratio	Lower	Upper
127	100		
129	82.8	26.0	39.0#

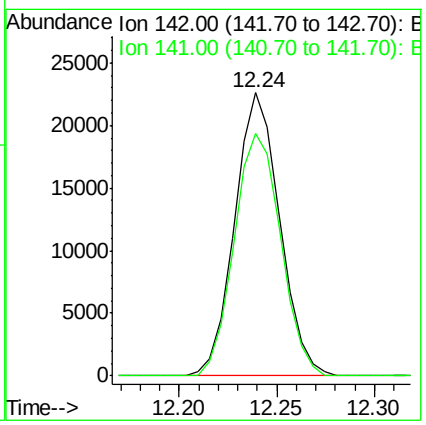


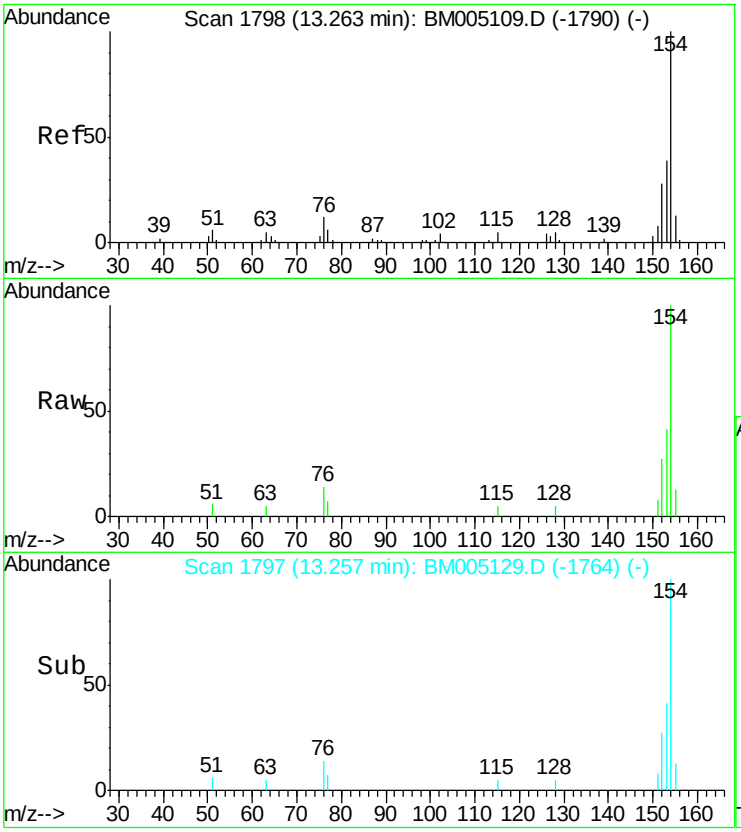


#34
2-Methylnaphthalene
Concen: 5.22 ng/ul
RT: 12.24 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Tgt Ion:142 Resp: 36116

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.3	105.5



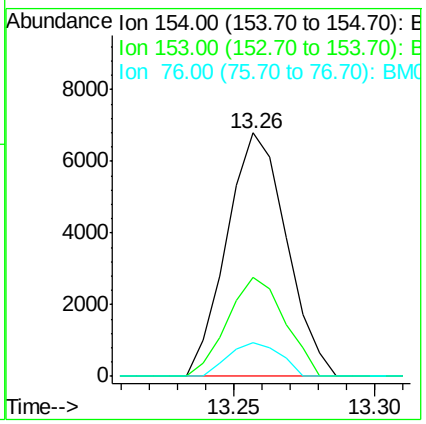


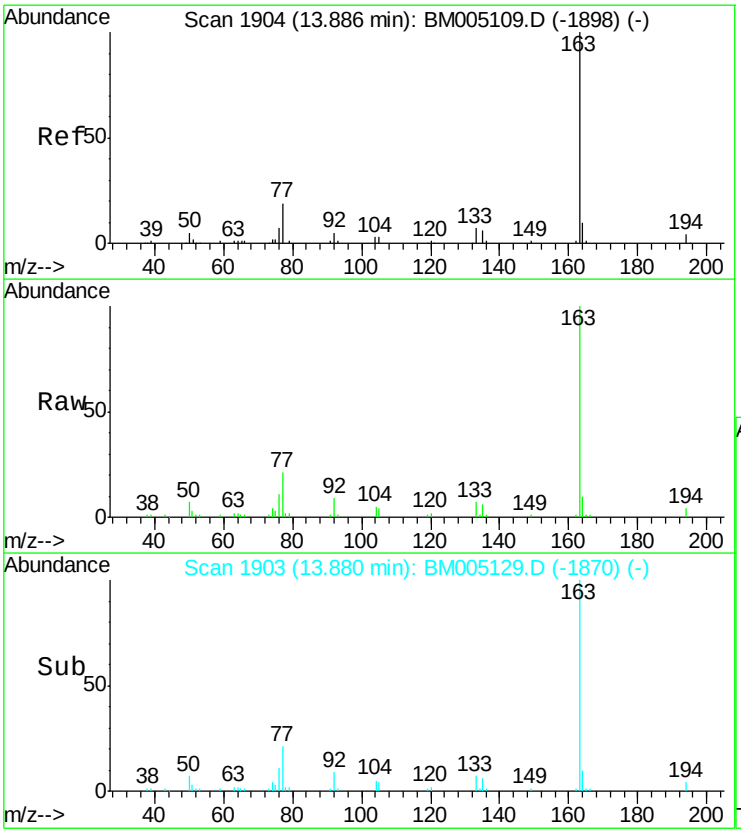
#40
1,1'-Biphenyl
Concen: 1.05 ng/ul
RT: 13.26 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Instrument :
BNA_M
ClientSampleId :
BC7J6

Tgt Ion:154 Resp: 9991

Ion	Ratio	Lower	Upper
154	100		
153	40.6	31.5	47.3
76	13.7	10.1	15.1

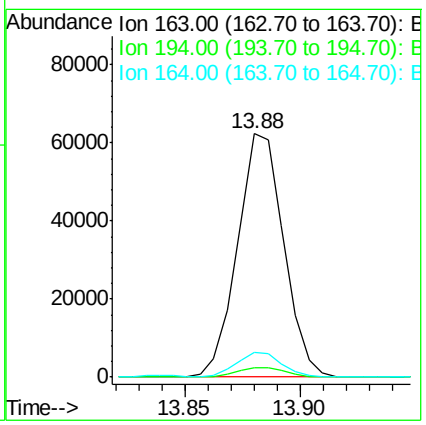


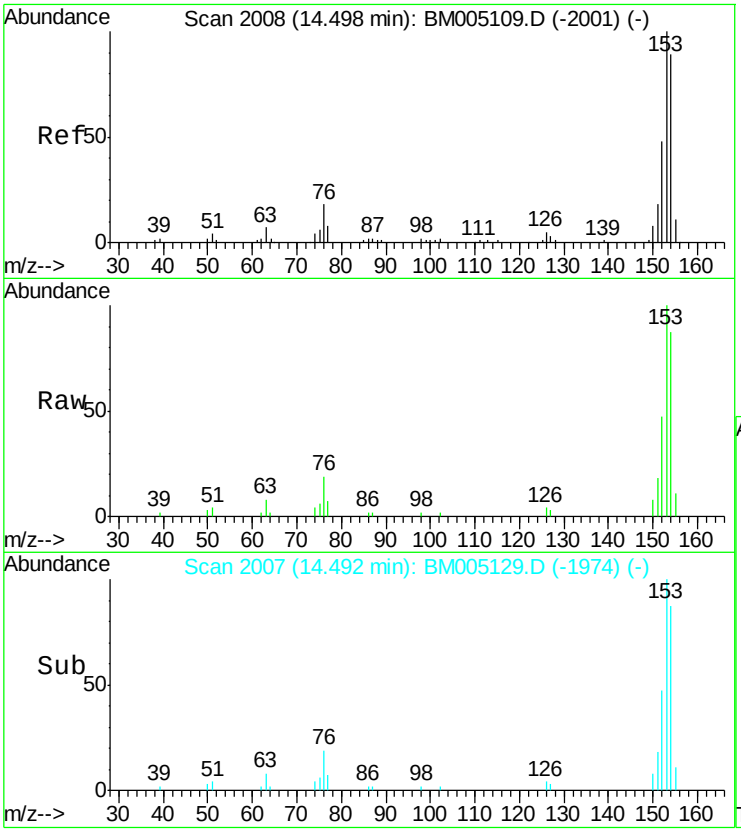


#44
Dimethylphthalate
Concen: 9.15 ng/ul
RT: 13.88 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Tgt Ion:163 Resp: 86839

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.2	12.2



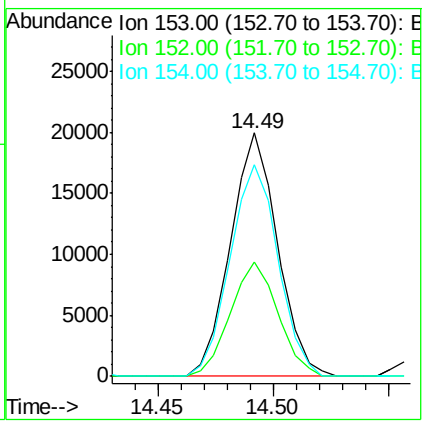


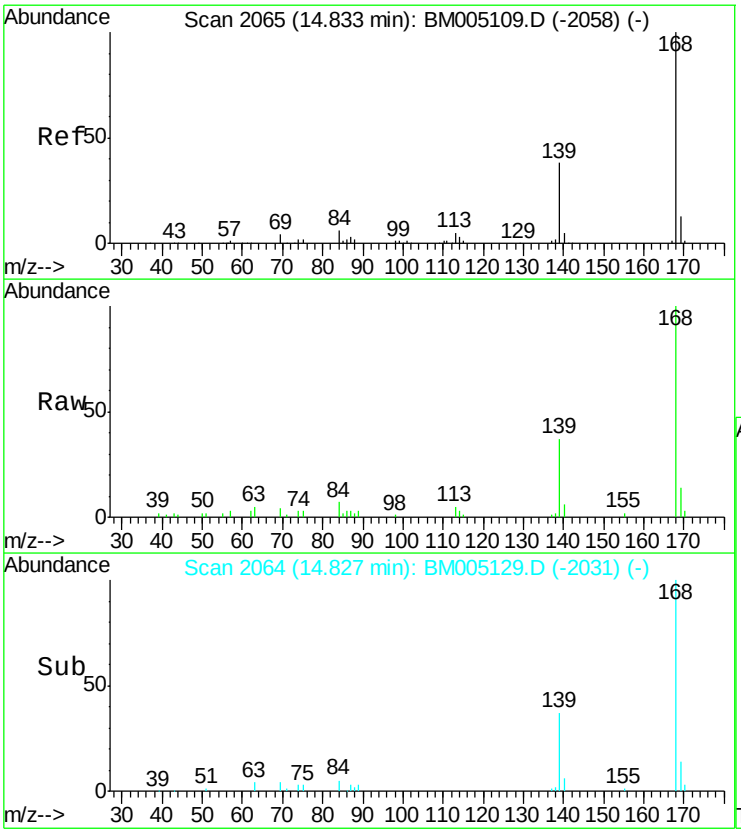
#49
Acenaphthene
Concen: 3.61 ng/ul
RT: 14.49 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Instrument :
BNA_M
ClientSampleId :
BC7J6

Tgt Ion:153 Resp: 28342

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.7	56.5
154	87.1	71.4	107.2

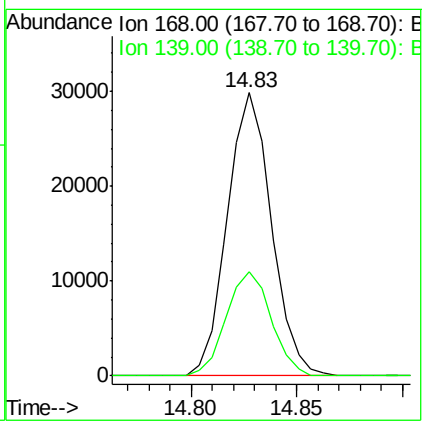


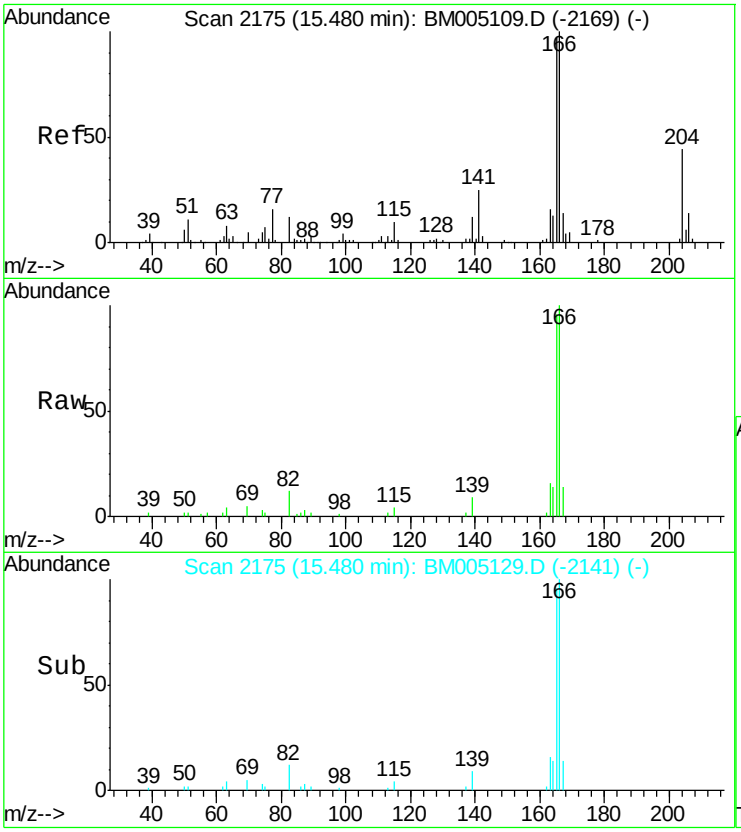


#53
Dibenzofuran
Concen: 3.73 ng/ul
RT: 14.83 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Tgt Ion:168 Resp: 43228

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.9	44.9



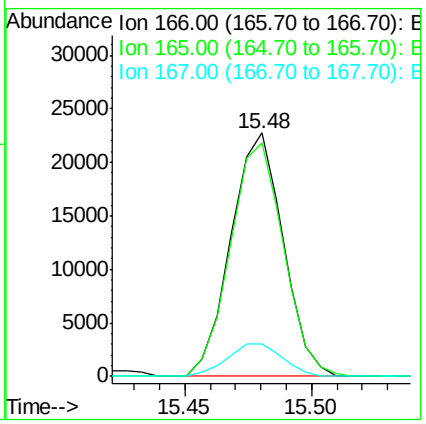


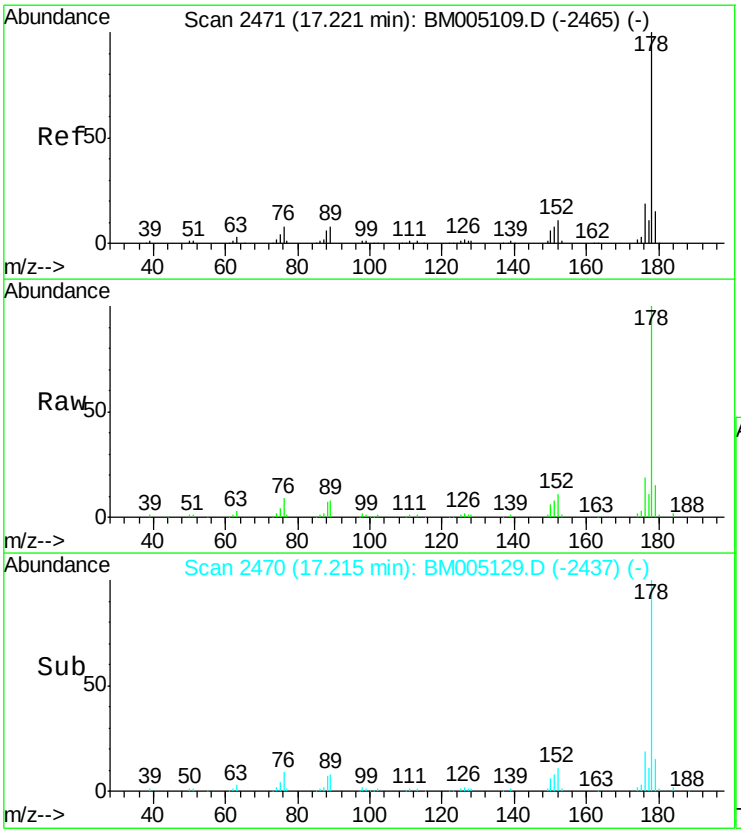
#58
Fluorene
Concen: 3.64 ng/ul
RT: 15.48 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Instrument :
BNA_M
ClientSampleId :
BC7J6

Tgt Ion:166 Resp: 32667

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.7	116.5
167	13.6	10.9	16.3

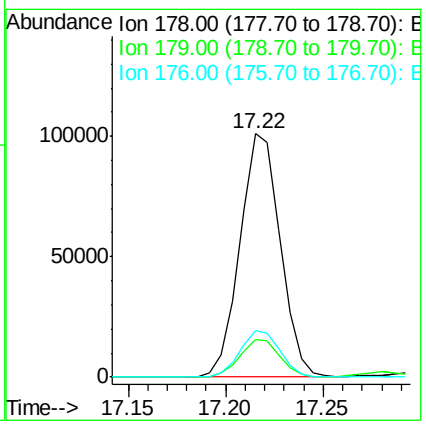


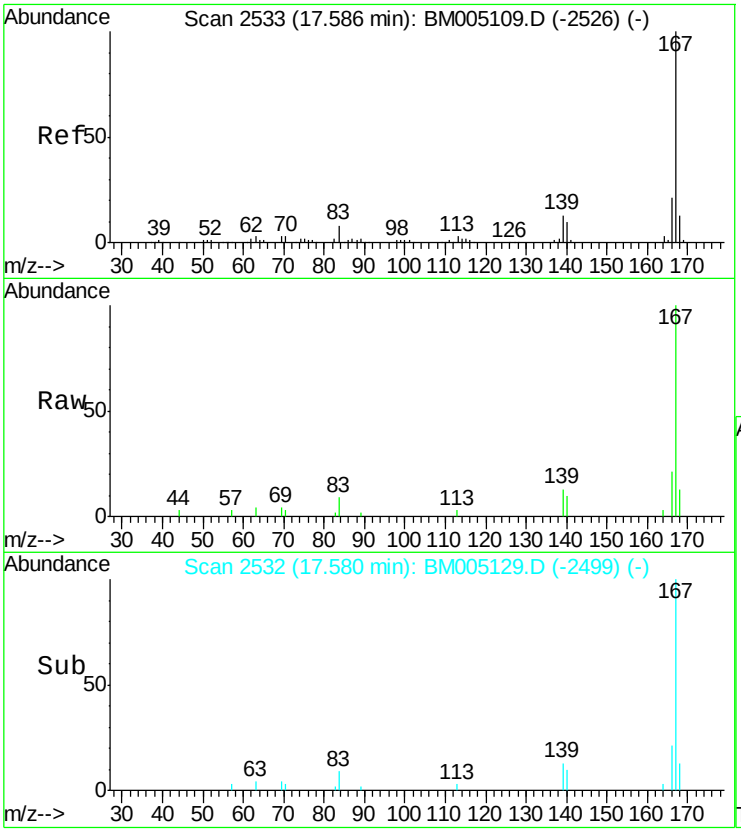


#69
Phenanthrene
Concen: 9.56 ng/ul
RT: 17.22 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Tgt Ion:178 Resp: 144426

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	19.0	15.2	22.8



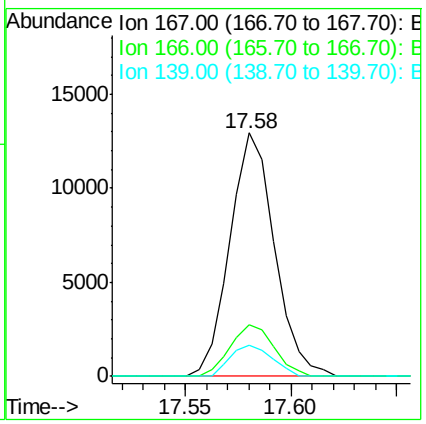


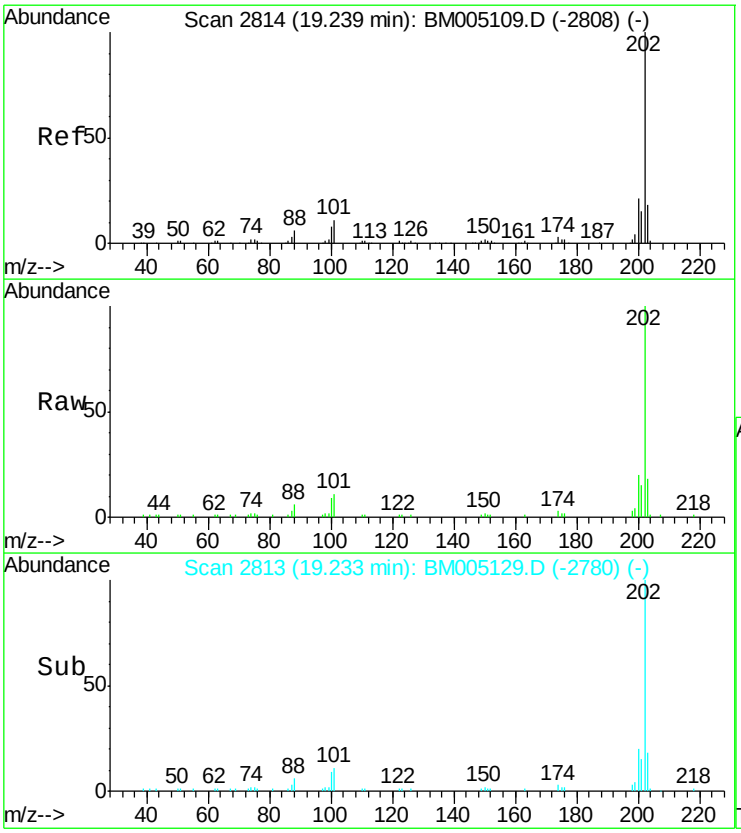
#72
Carbazole
Concen: 1.46 ng/ul
RT: 17.58 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Instrument :
BNA_M
ClientSampleId :
BC7J6

Tgt Ion:167 Resp: 18996

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.6	25.0
139	13.0	10.2	15.4

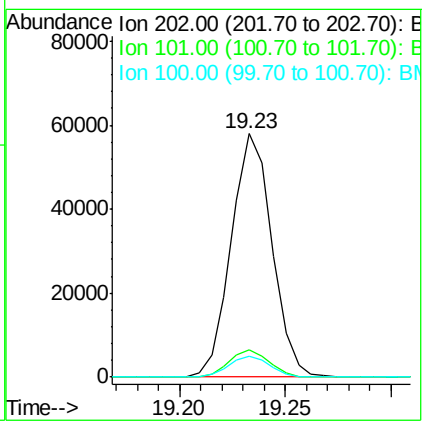


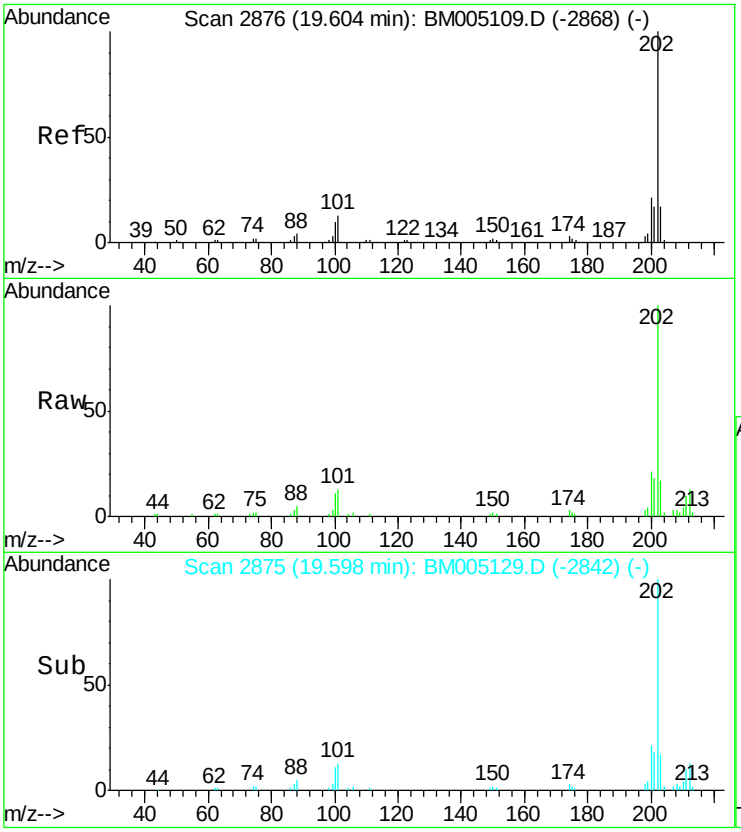


#74
Fluoranthene
Concen: 4.66 ng/ul
RT: 19.23 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Tgt Ion:202 Resp: 77464

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
100	8.6	6.6	10.0





#77
Pyrene
Concen: 3.06 ng/ul
RT: 19.60 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BM005129.D
Acq: 29 Apr 2016 00:29

Instrument :
BNA_M
ClientSampleId :
BC7J6

Tgt Ion:202 Resp: 55618

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.5	15.7
100	11.0	8.2	12.2