Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011689.D
Acq On : 22 Sep 2017 12:48
Operator : SJ/JU
Sample : I5283-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 22 23:53:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	348445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1548547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	840396	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1677801	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1260676	20.00	ng/ul	0.00
86) Perylene-d12	23.73	264	1686415	20.00	ng/ul	-0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	31385	4.05	ng/uL	0.00
5) Phenol-d5	7.11	99	752741	22.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	581239	25.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	625544	24.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	586038	22.44	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	319256	27.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	341914	27.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	581879	23.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	286052	10.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1865690	26.26	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2362421	27.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	123923	9.28	ng/ul	0.00
58) Fluorene-d10	15.58	176	1623414	26.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	97081	9.94	ng/ul	0.00
71) Anthracene-d10	17.43	188	2352863	28.48	ng/ul	0.00
79) Pyrene-d10	19.72	212	2189251	37.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	1586865	19.74	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.10	77	27807	1.454	ng/ul#	30
6) Phenol	7.13	94	49068	1.477	ng/ul#	81
14) Acetophenone	8.79	105	56856	1.424	ng/ul#	81
17) Hexachloroethane	9.07	117	9955	1.059	ng/ul#	1
28) Naphthalene	10.82	128	773755	9.636	ng/ul	97
34) 2-Methylnaphthalene	12.42	142	617271	10.351	ng/ul	99
35) 1-Methylnaphthalene	12.64	142	442973	7.799	ng/ul	96
41) 1,1'-Biphenyl	13.43	154	96265	1.377	ng/ul#	95
45) Dimethylphthalate	14.04	163	527787	7.759	ng/ul#	99
48) Acenaphthylene	14.32	152	231792	2.680	ng/ul#	93
50) Acenaphthene	14.66	153	681141	11.656	ng/ul	98
54) Dibenzofuran	14.99	168	307006	3.756	ng/ul	95
59) Fluorene	15.64	166	568234	8.295	ng/ul	97
65) N-Nitrosodiphenylamine	15.84	169	53435	1.046	ng/ul#	42
70) Phenanthrene	17.38	178	11309585	120.932	ng/ul	96
72) Anthracene	17.47	178	1838549	19.159	ng/ul	98
75) Carbazole	17.73	167	340879	4.164	ng/ul#	91
77) Fluoranthene	19.39	202	10660800	110.831	ng/ul#	92
80) Pyrene	19.76	202	13548517	184.200	ng/ul#	83
83) Benzo(a)anthracene	21.49	228	5446876	78.470	ng/ul	95
85) Chrysene	21.54	228	6474431	102.886	ng/ul	96
91) Benzo(a)pyrene	23.58	252	118787	1.240	ng/ul#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011689.D
Acq On : 22 Sep 2017 12:48
Operator : SJ/JU
Sample : I5283-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 23:53:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

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

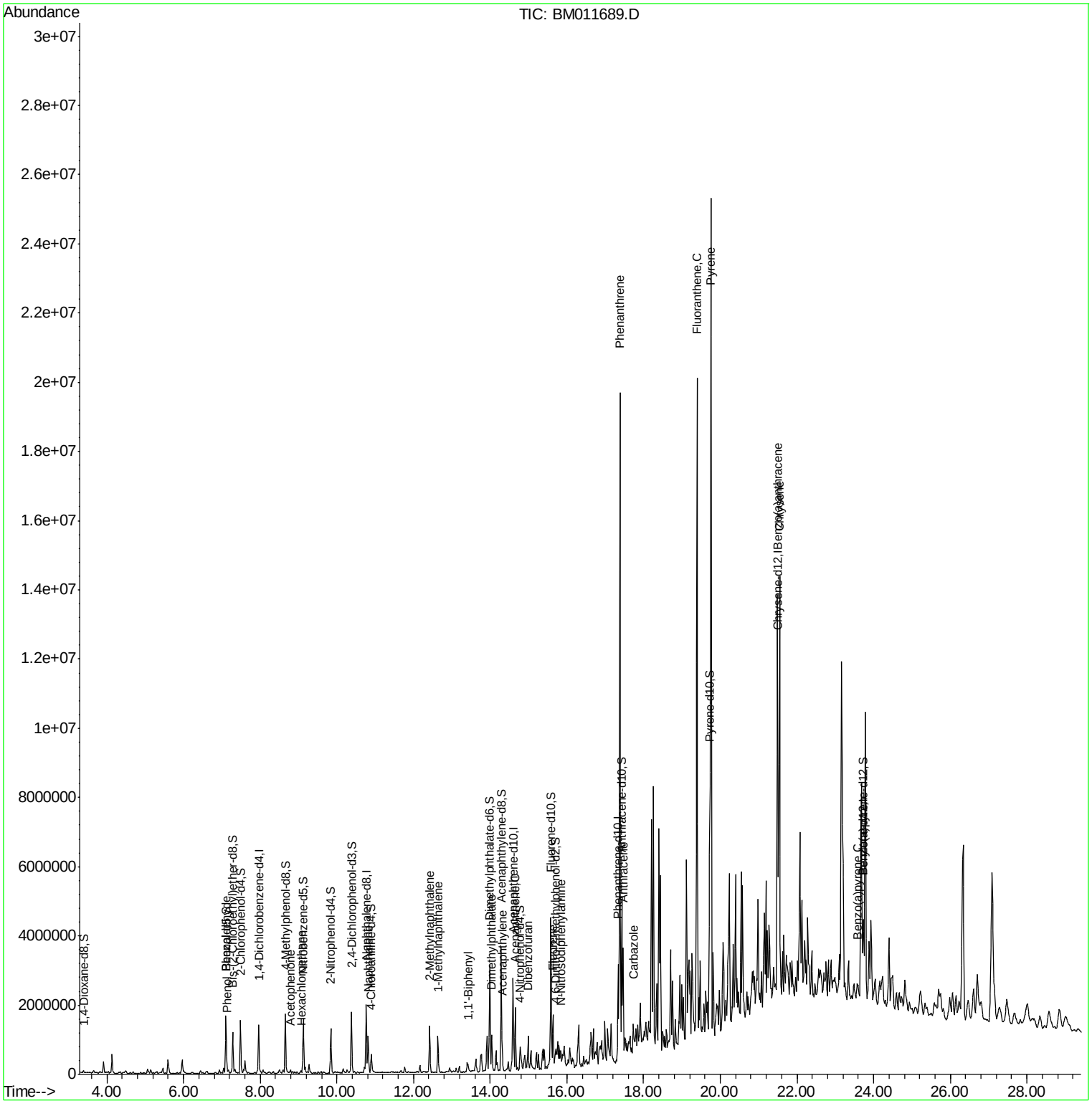
(#) = qualifier out of range (m) = manual integration (+) = signals summed

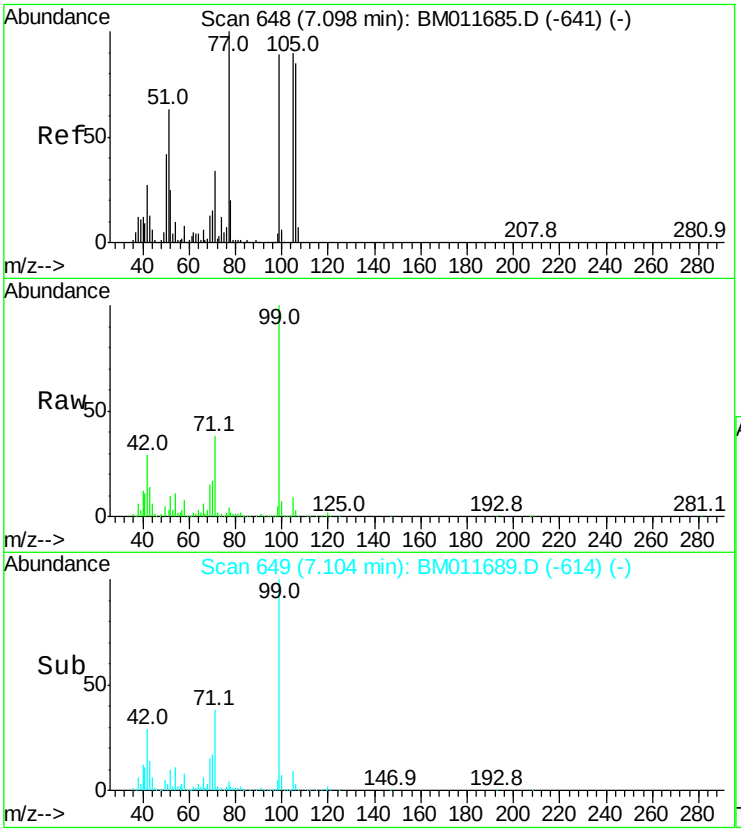
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011689.D
Acq On : 22 Sep 2017 12:48
Operator : SJ/JU
Sample : I5283-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 23:53:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



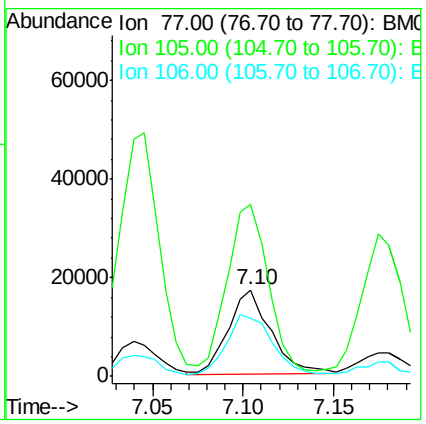


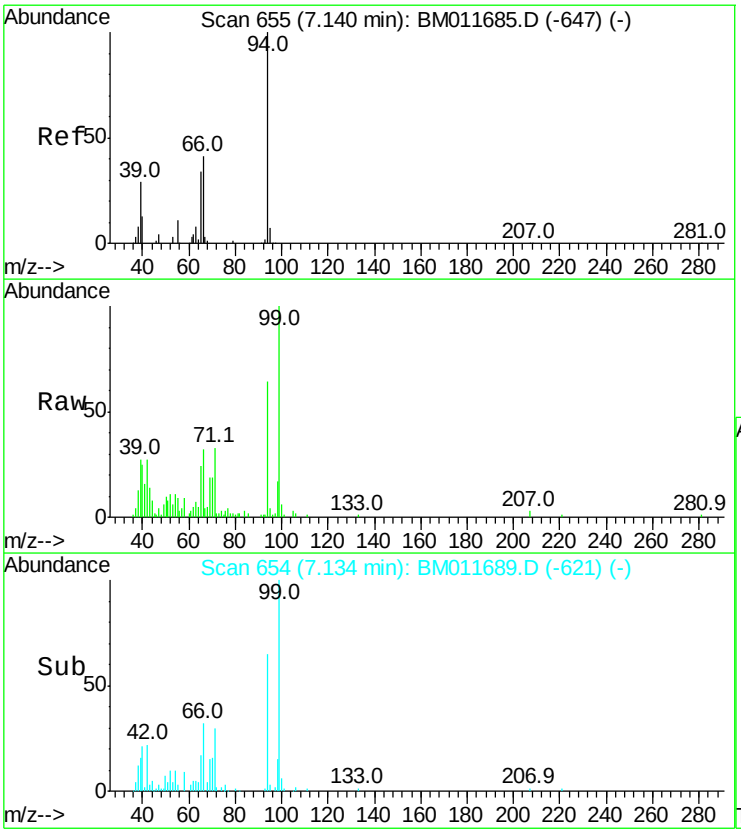
#4
Benzaldehyde
Concen: 1.454 ng/ul
RT: 7.10 min Scan# 649
Delta R.T. 0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 27807

Ion	Ratio	Lower	Upper
77	100		
105	197.8	71.0	106.6#
106	66.4	69.5	104.3#

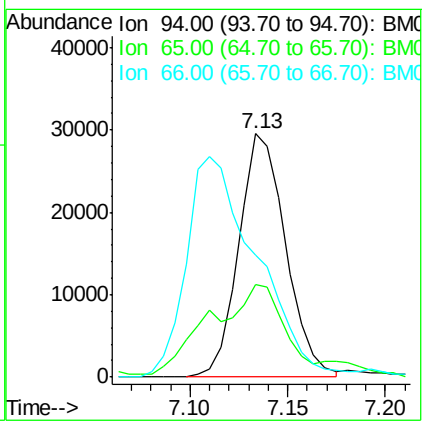


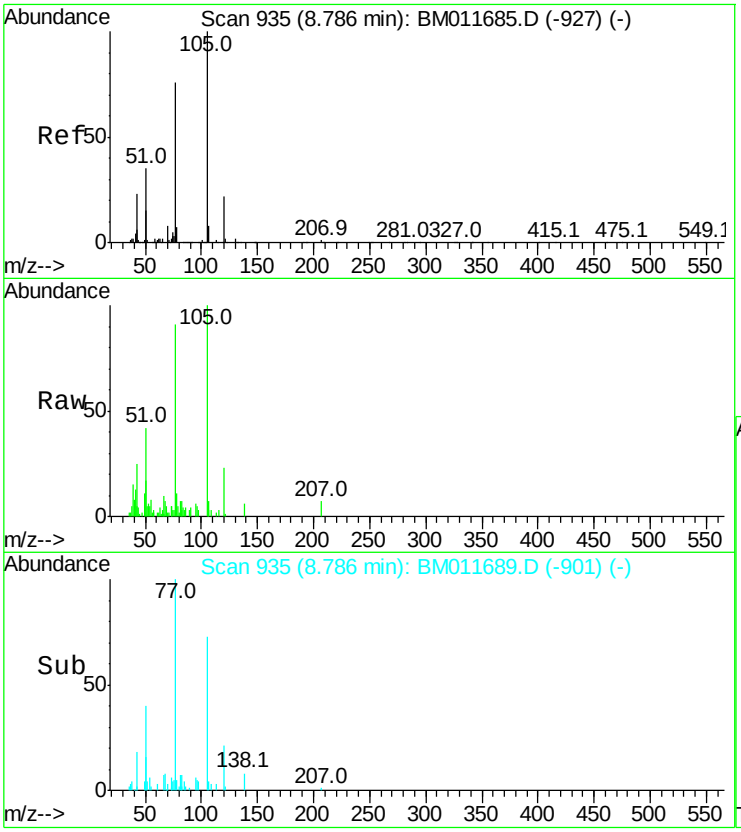


#6
Phenol
Concen: 1.477 ng/ul
RT: 7.13 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion: 94 Resp: 49068

Ion	Ratio	Lower	Upper
94	100		
65	38.1	23.0	34.6#
66	50.1	30.4	45.6#



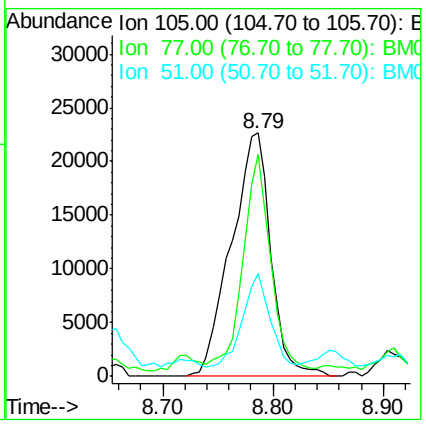


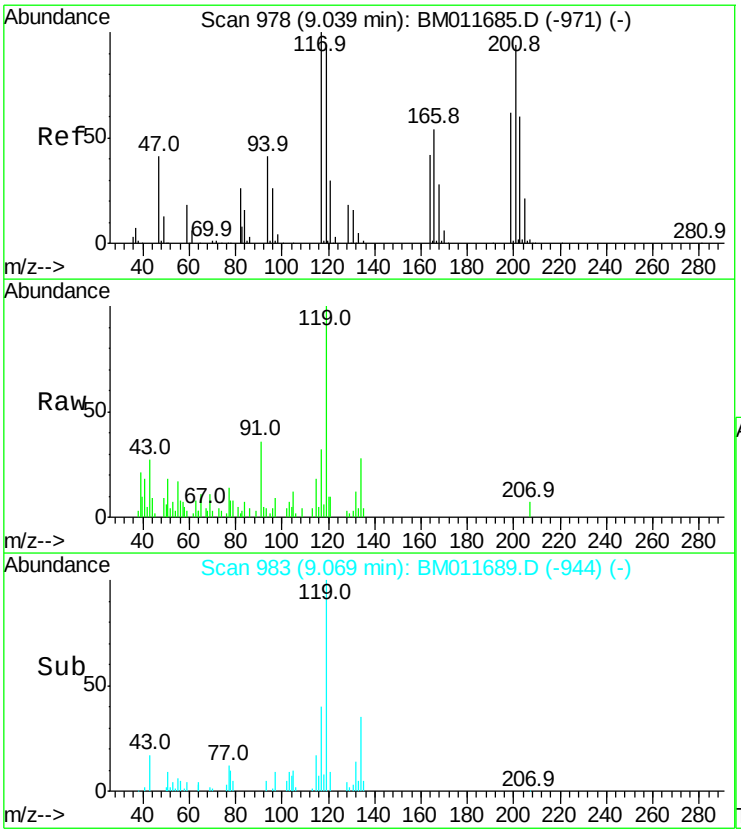
#14
Acetophenone
Concen: 1.424 ng/ul
RT: 8.79 min Scan# 935
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 56856

Ion	Ratio	Lower	Upper
105	100		
77	91.1	63.2	94.8
51	42.3	19.8	29.8#

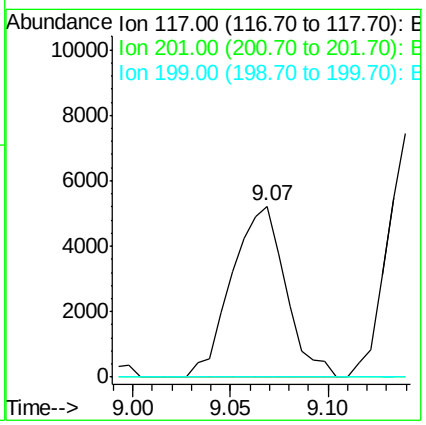


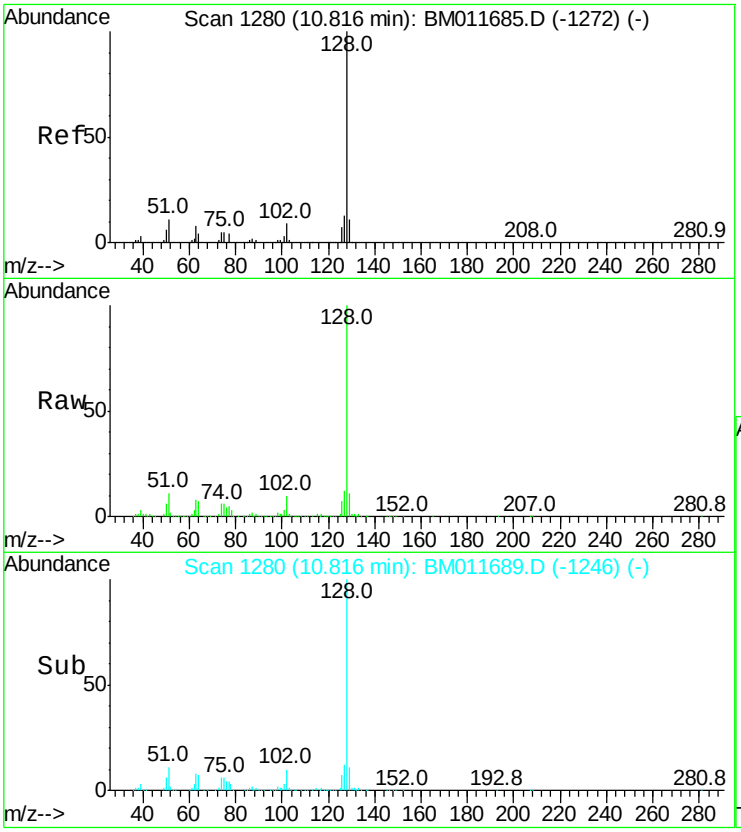


#17
Hexachloroethane
Concen: 1.059 ng/ul
RT: 9.07 min Scan# 983
Delta R.T. 0.03 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:117 Resp: 9955

Ion	Ratio	Lower	Upper
117	100		
201	0.0	96.1	144.1#
199	0.0	59.7	89.5#



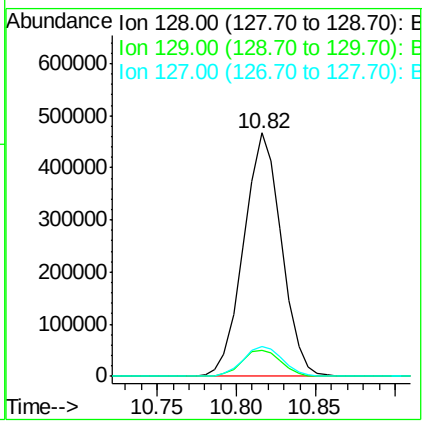


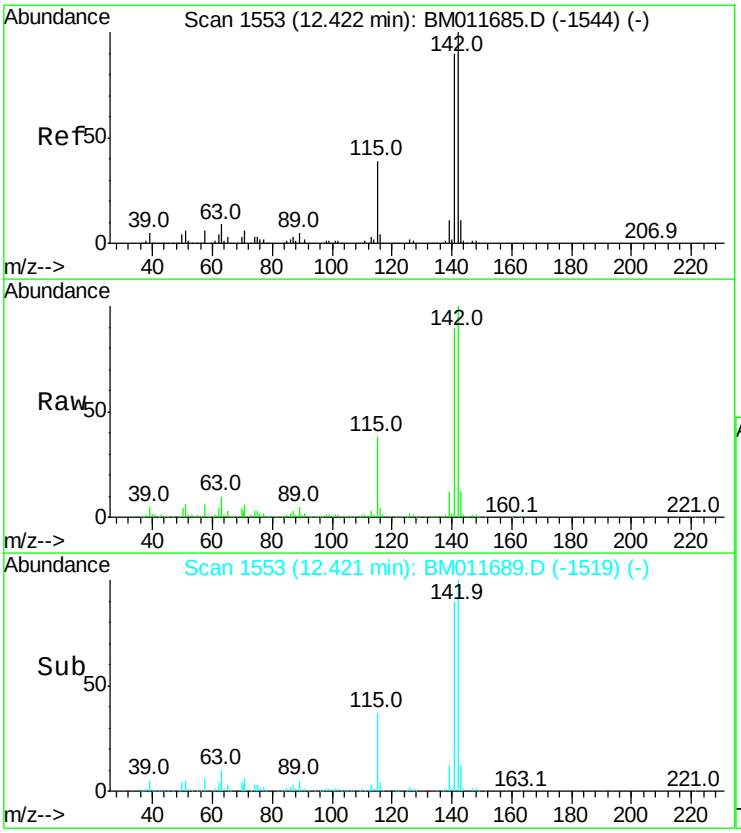
#28
Naphthalene
Concen: 9.636 ng/ul
RT: 10.82 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 773755

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.0	10.8	16.2

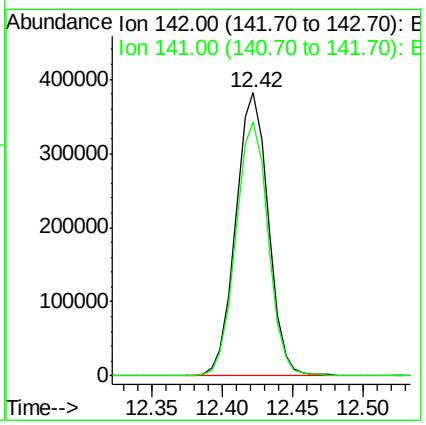


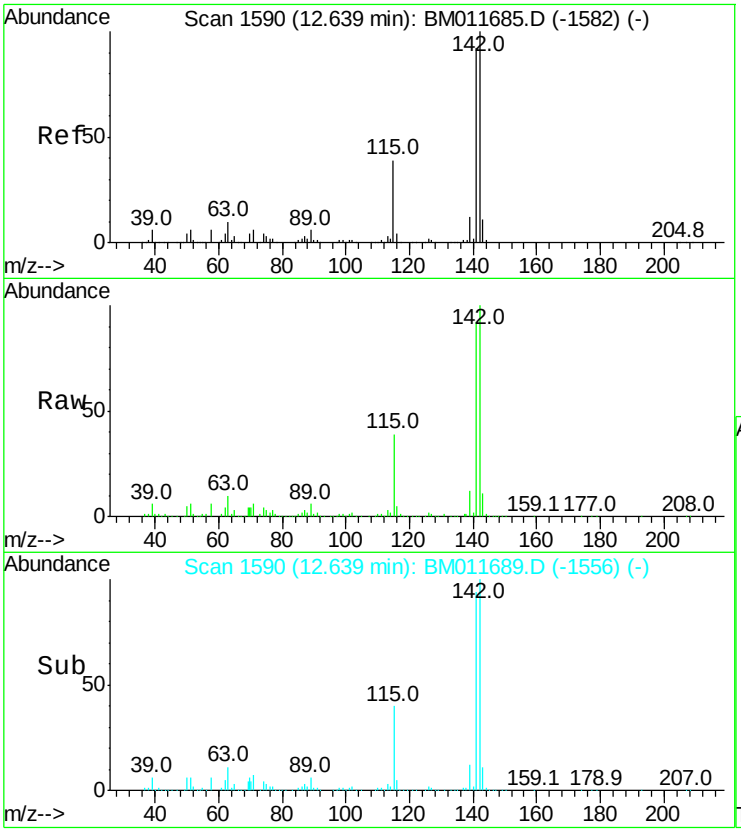


#34
2-Methylnaphthalene
Concen: 10.351 ng/ul
RT: 12.42 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:142 Resp: 617271

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2



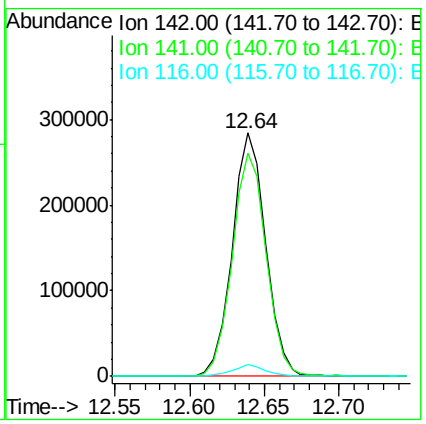


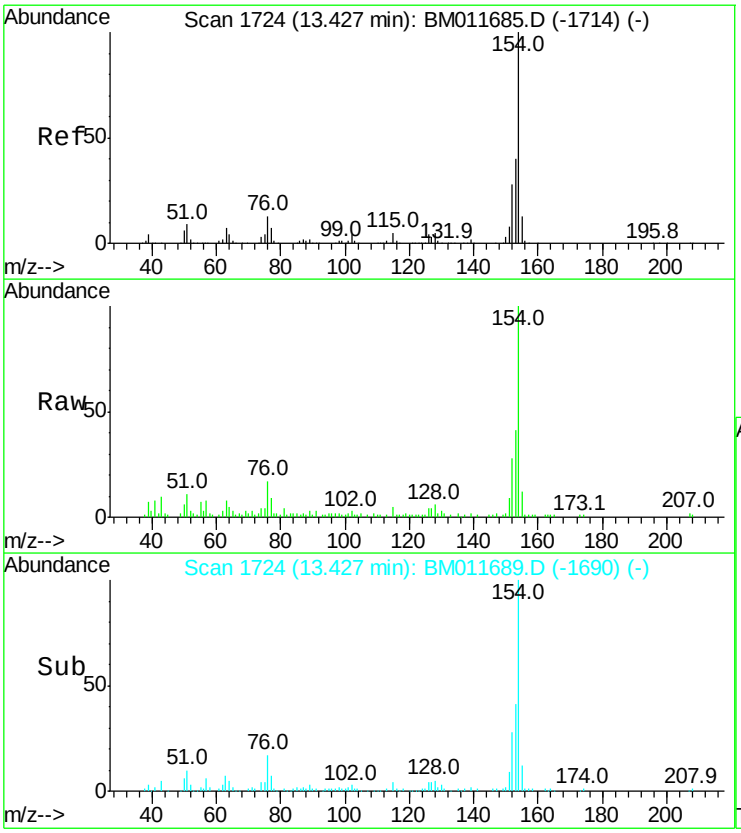
#35
1-Methylnaphthalene
Concen: 7.799 ng/ul
RT: 12.64 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 442973

Ion	Ratio	Lower	Upper
142	100		
141	91.8	76.6	115.0
116	4.7	3.6	5.4

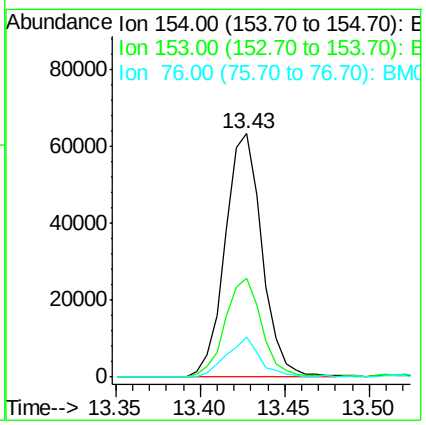


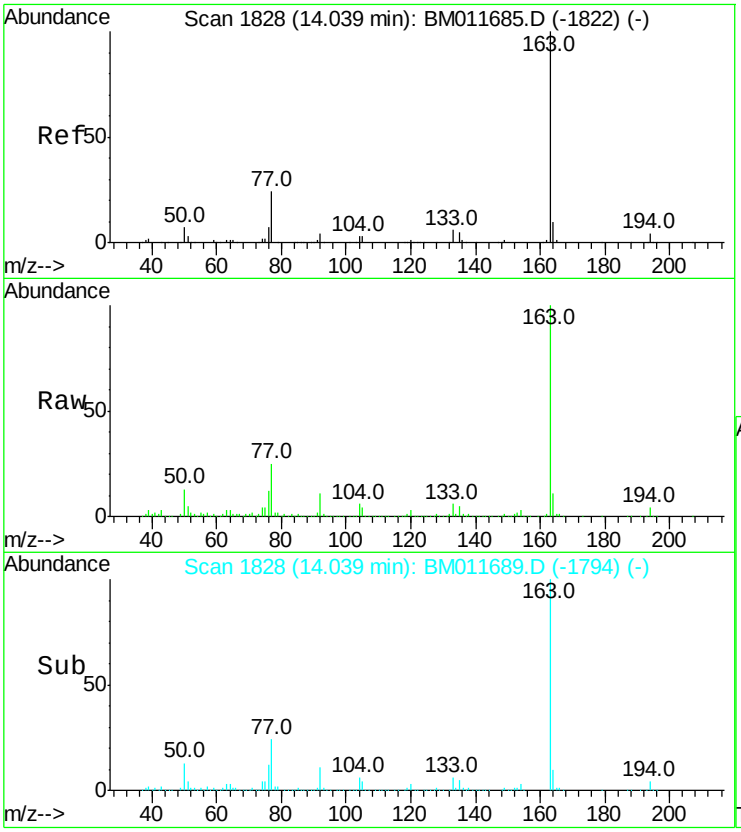


#41
1,1'-Biphenyl
Concen: 1.377 ng/ul
RT: 13.43 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:154 Resp: 96265

Ion	Ratio	Lower	Upper
154	100		
153	40.9	34.0	51.0
76	16.5	8.4	12.6#



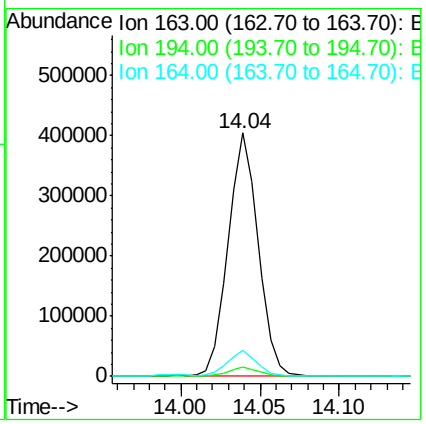


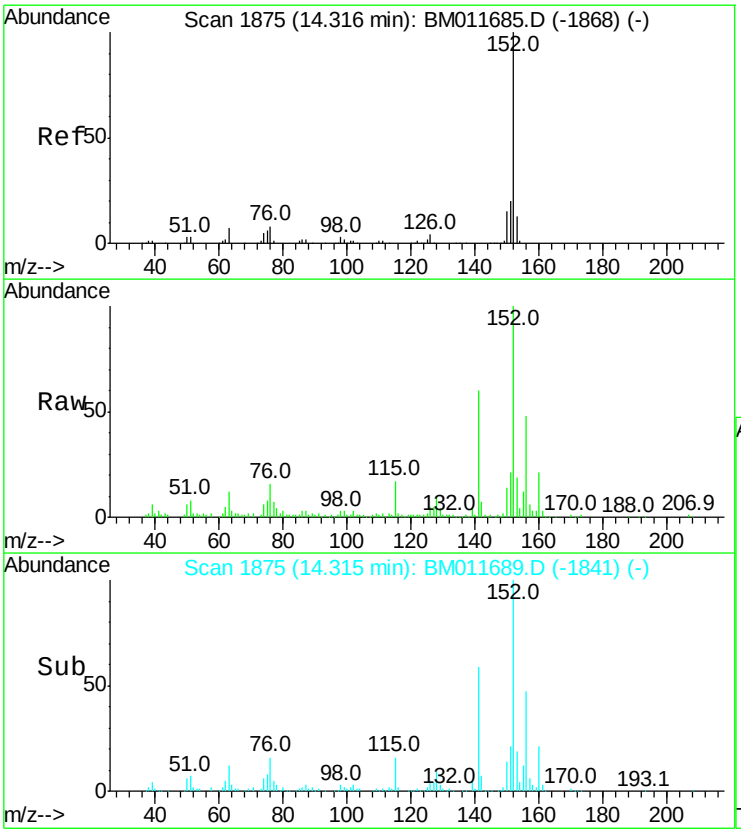
#45
Dimethylphthalate
Concen: 7.759 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 527787

Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.0	6.0#
164	10.5	8.4	12.6

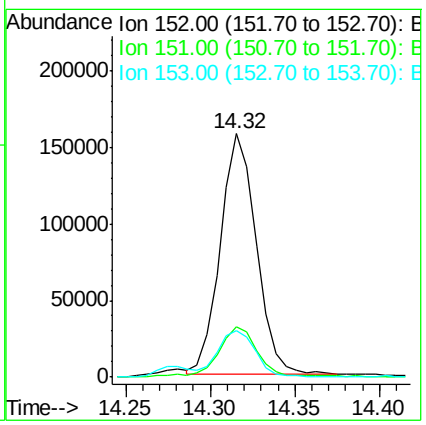


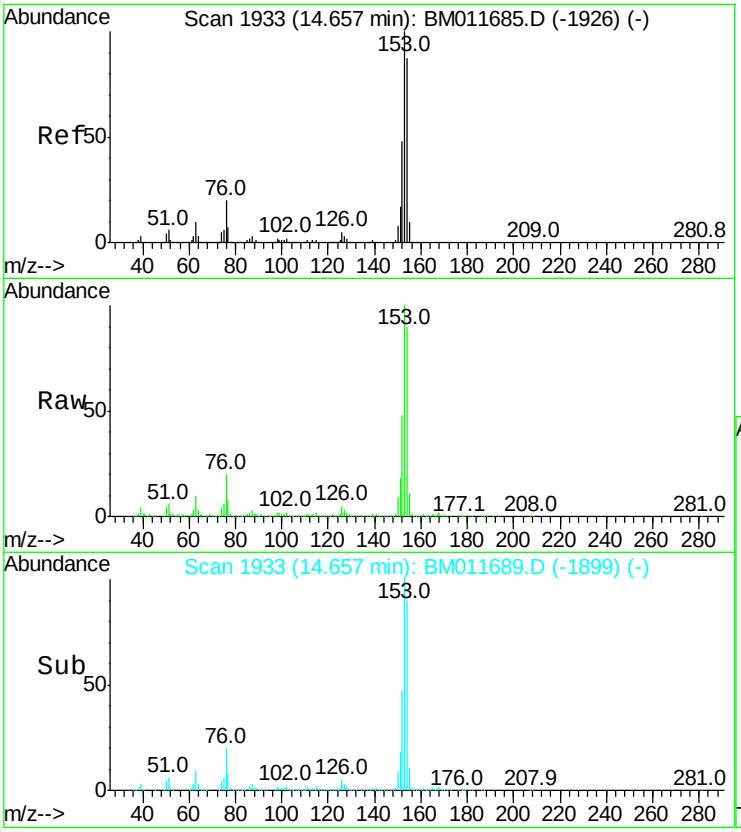


#48
Acenaphthylene
Concen: 2.680 ng/ul
RT: 14.32 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:152 Resp: 231792

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	19.2	10.8	16.2#



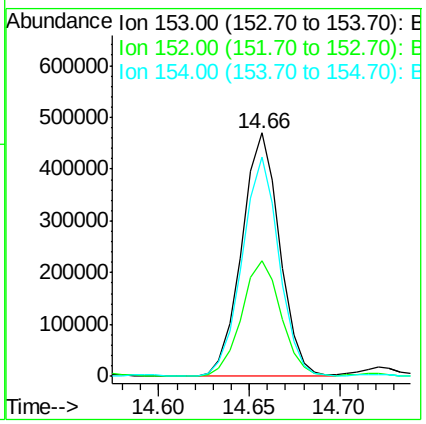


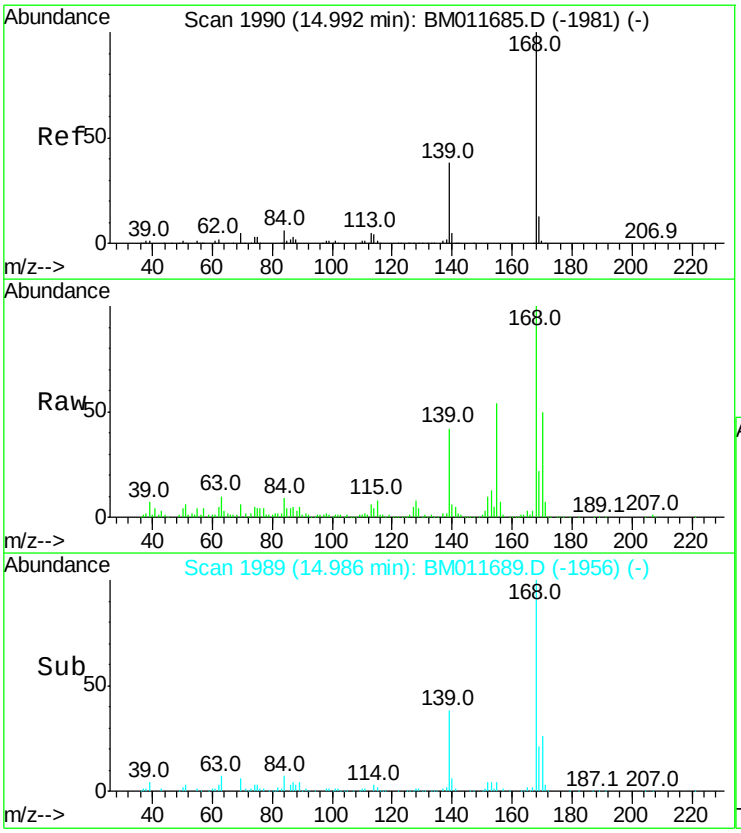
#50
Acenaphthene
Concen: 11.656 ng/ul
RT: 14.66 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 681141

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.9	56.9
154	90.3	69.8	104.6

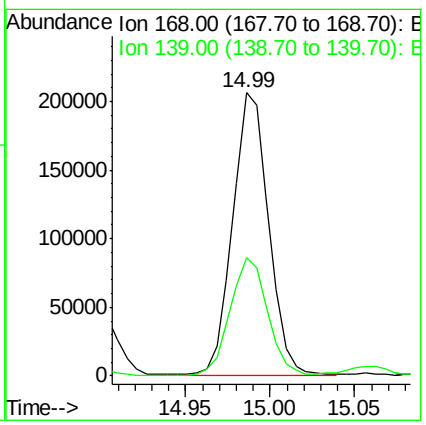


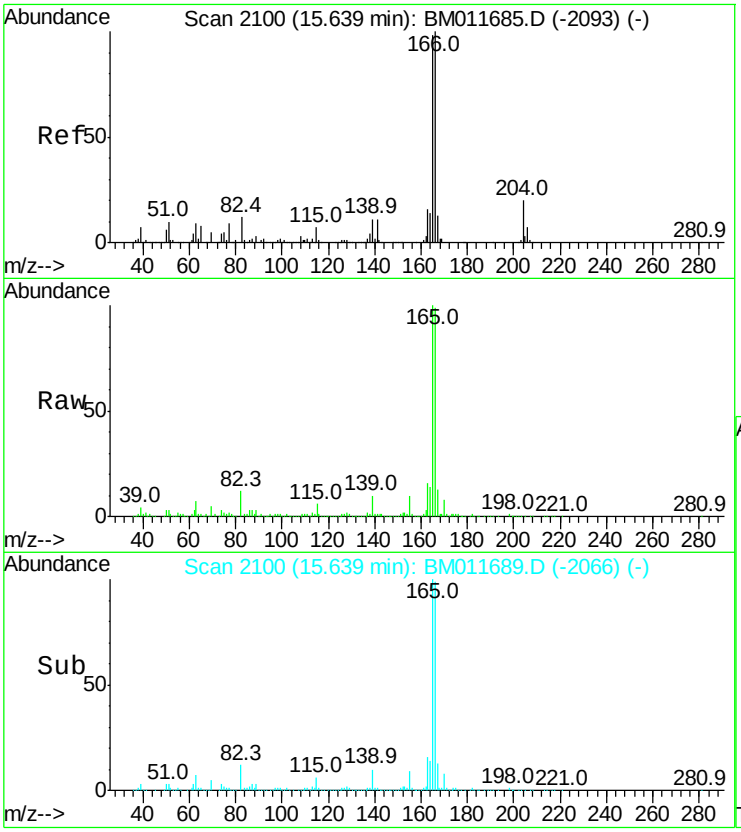


#54
Dibenzofuran
Concen: 3.756 ng/ul
RT: 14.99 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:168 Resp: 307006

Ion	Ratio	Lower	Upper
168	100		
139	41.8	31.0	46.4



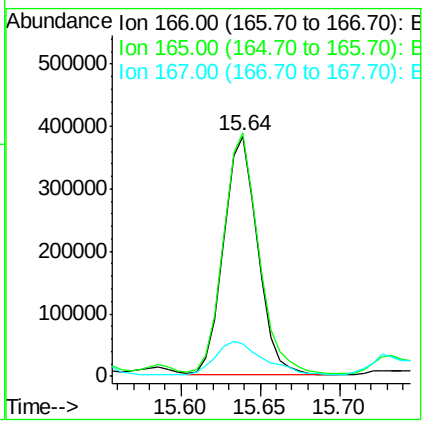


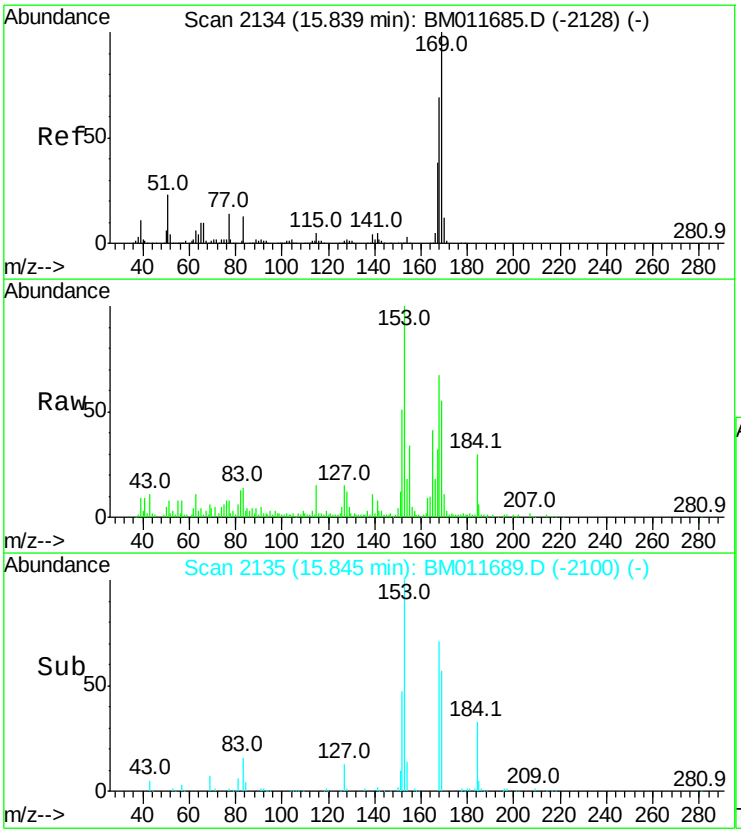
#59
Fluorene
Concen: 8.295 ng/ul
RT: 15.64 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 568234

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.4	117.6
167	13.6	11.1	16.7

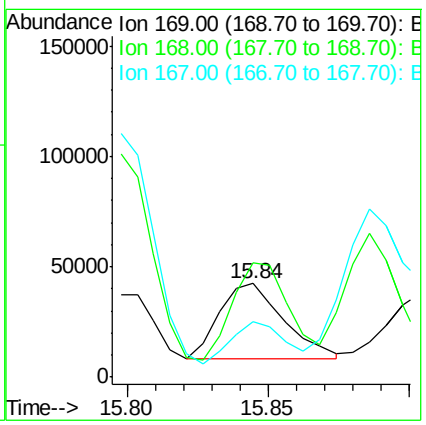


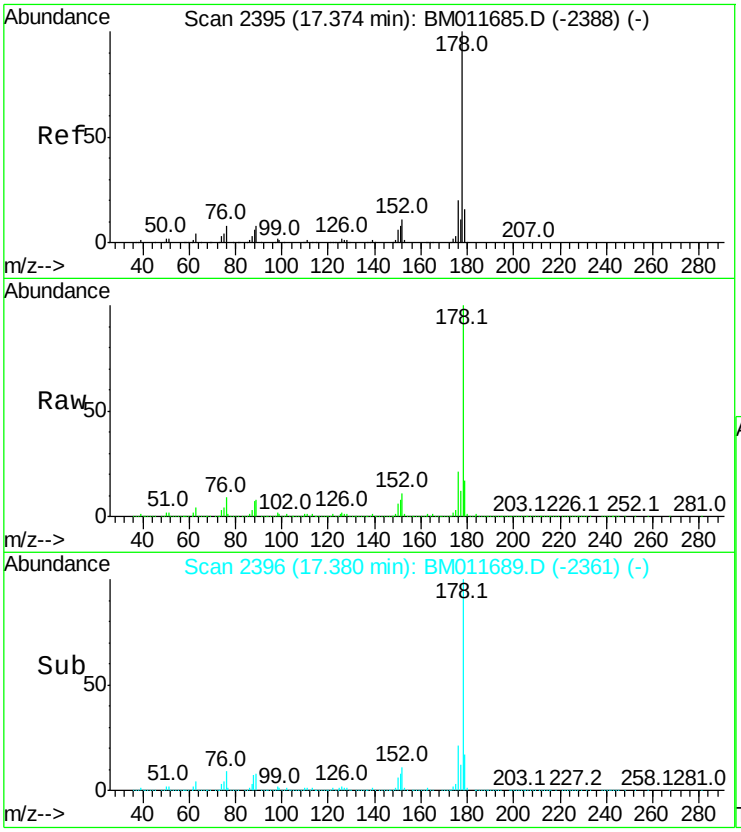


#65
N-Nitrosodiphenylamine
Concen: 1.046 ng/ul
RT: 15.84 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:169 Resp: 53435

Ion	Ratio	Lower	Upper
169	100		
168	123.2	53.8	80.8#
167	59.2	29.5	44.3#



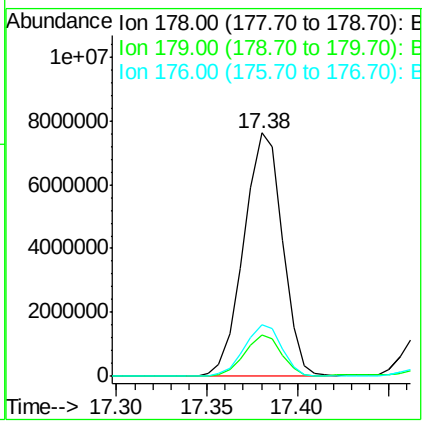


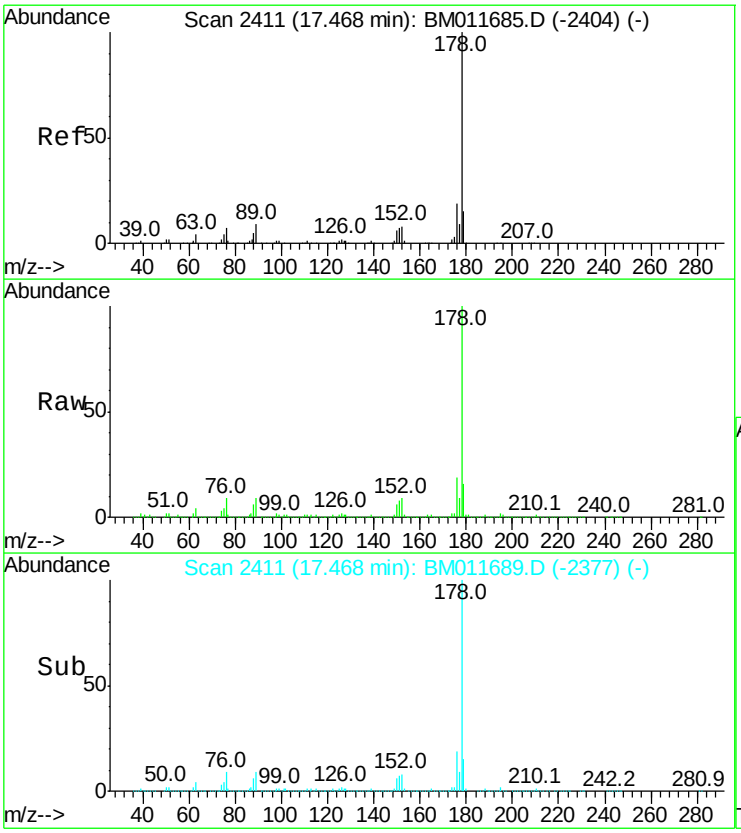
#70
Phenanthrene
Concen: 120.932 ng/ul
RT: 17.38 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:11309585

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	21.1	15.4	23.0

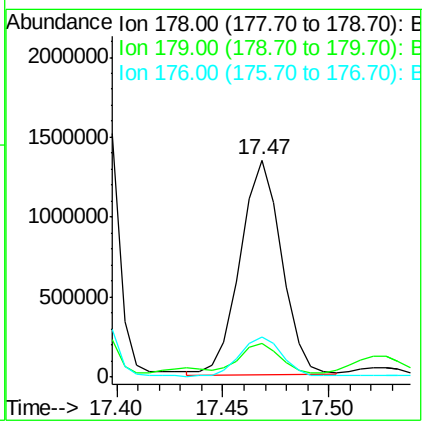


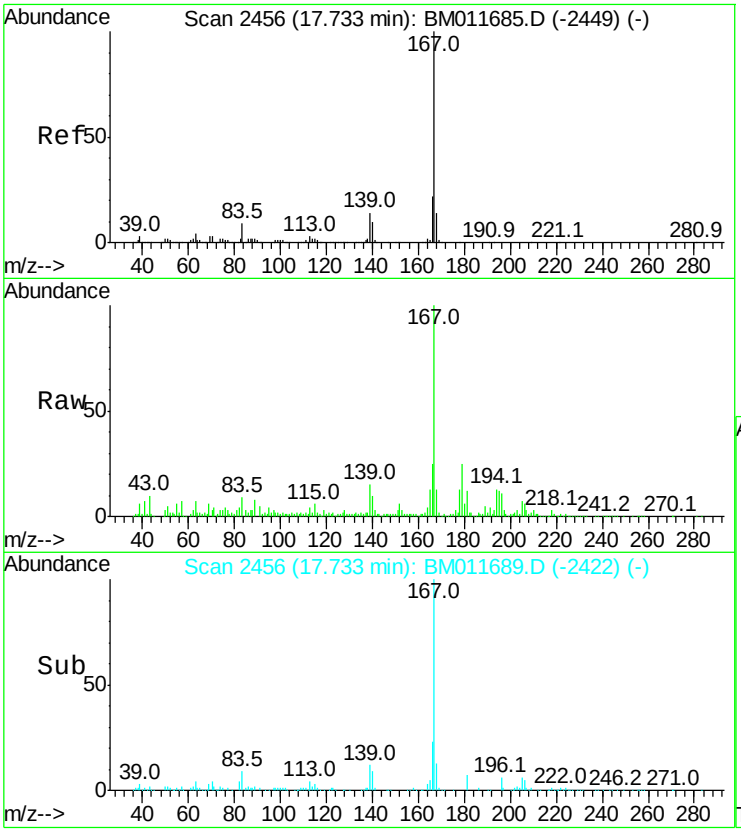


#72
Anthracene
Concen: 19.159 ng/ul
RT: 17.47 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:178 Resp: 1838549

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.6	15.4	23.0



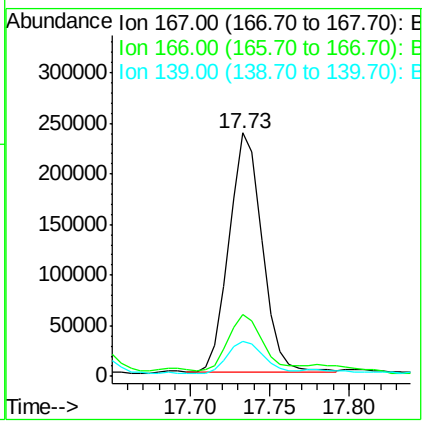


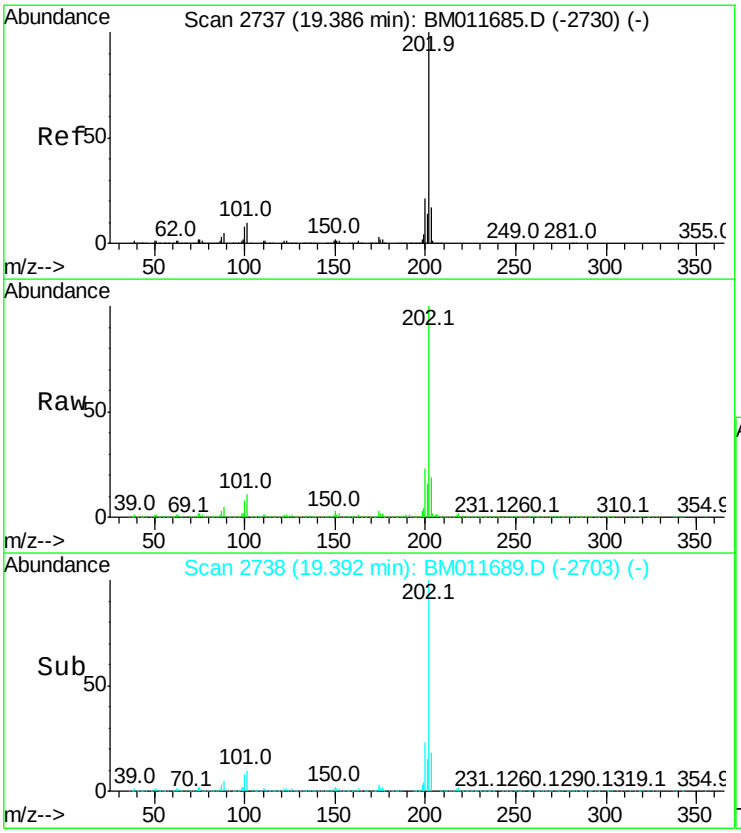
#75
Carbazole
Concen: 4.164 ng/ul
RT: 17.73 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 340879

Ion	Ratio	Lower	Upper
167	100		
166	25.3	17.0	25.4
139	14.6	9.1	13.7#

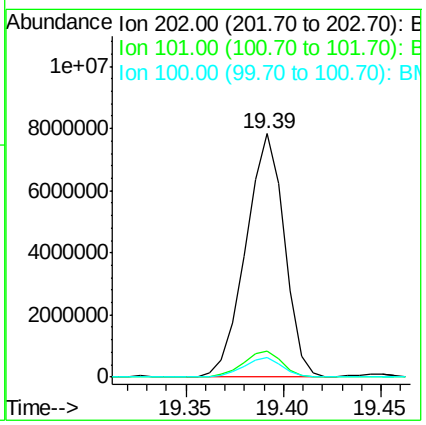


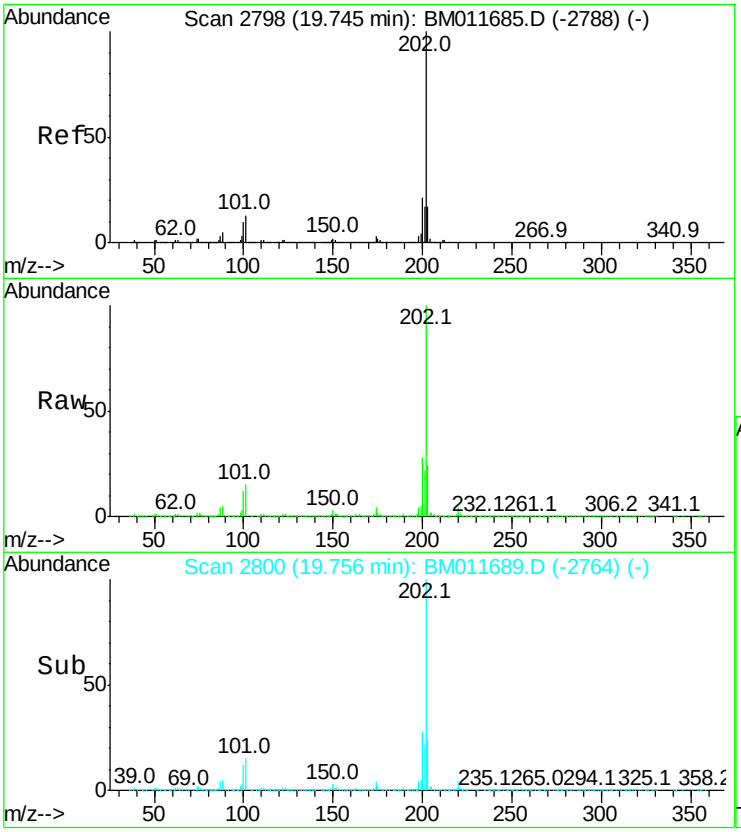


#77
Fluoranthene
Concen: 110.831 ng/ul
RT: 19.39 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:202 Resp:10660800

Ion	Ratio	Lower	Upper
202	100		
101	10.6	6.1	9.1#
100	8.0	4.6	7.0#



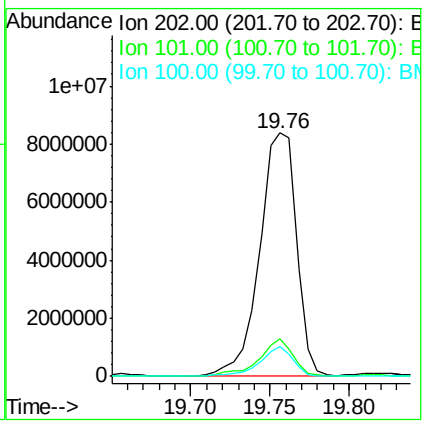


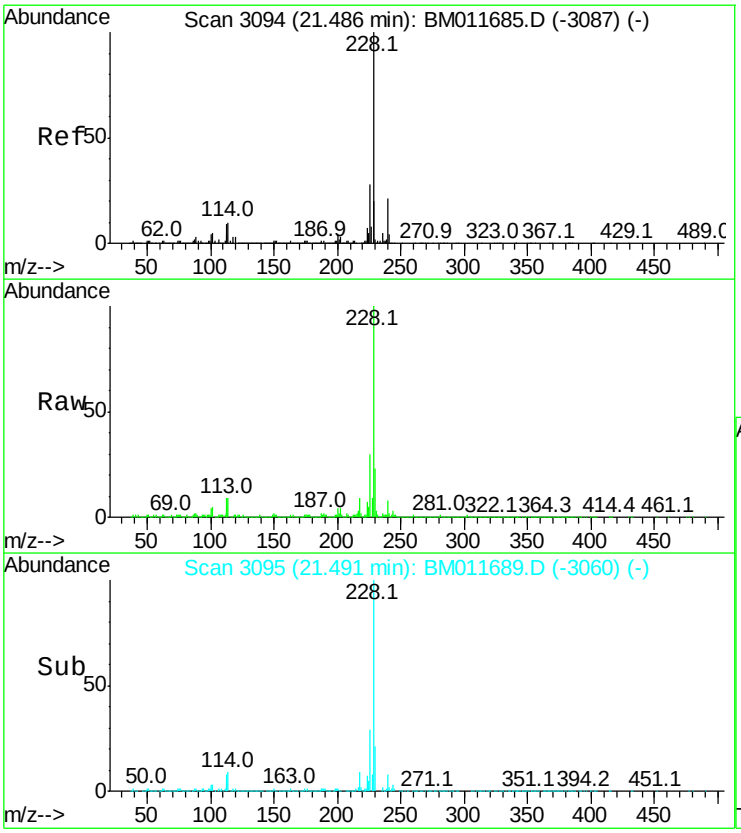
#80
Pyrene
Concen: 184.200 ng/ul
RT: 19.76 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:13548517

Ion	Ratio	Lower	Upper
202	100		
101	15.2	6.9	10.3#
100	12.0	5.6	8.4#

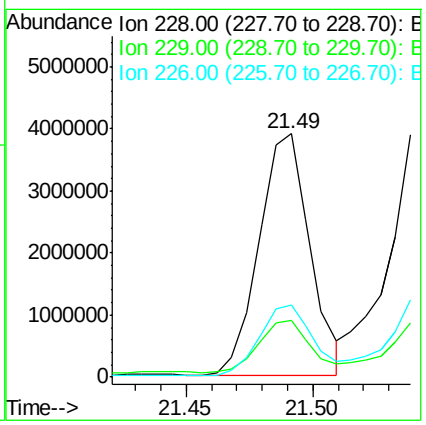


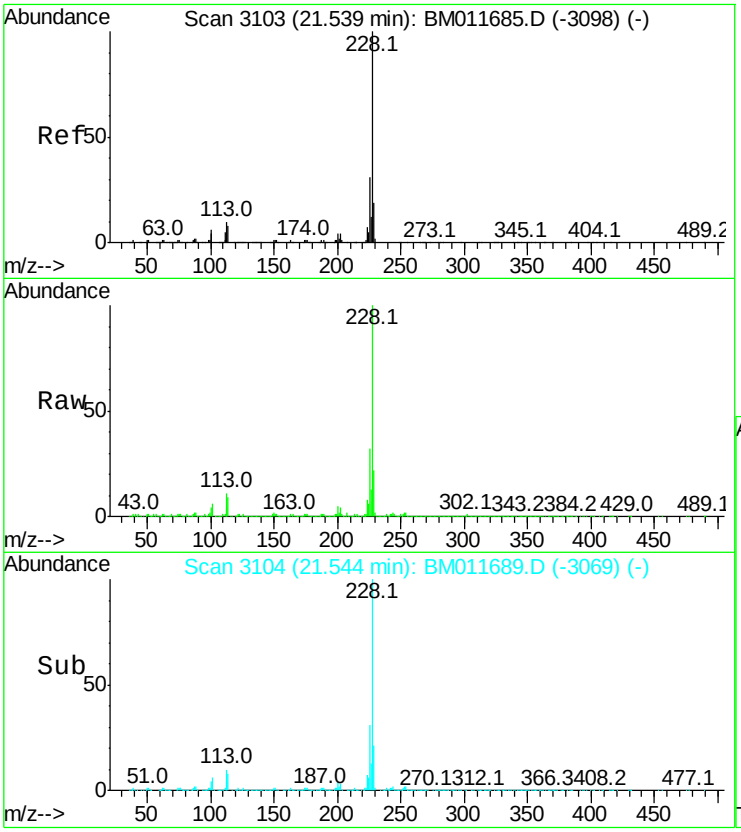


#83
Benzo(a)anthracene
Concen: 78.470 ng/ul
RT: 21.49 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:228 Resp: 5446876

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.0	24.0
226	29.6	21.8	32.8



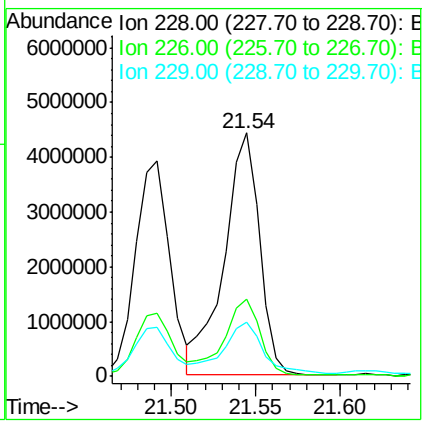


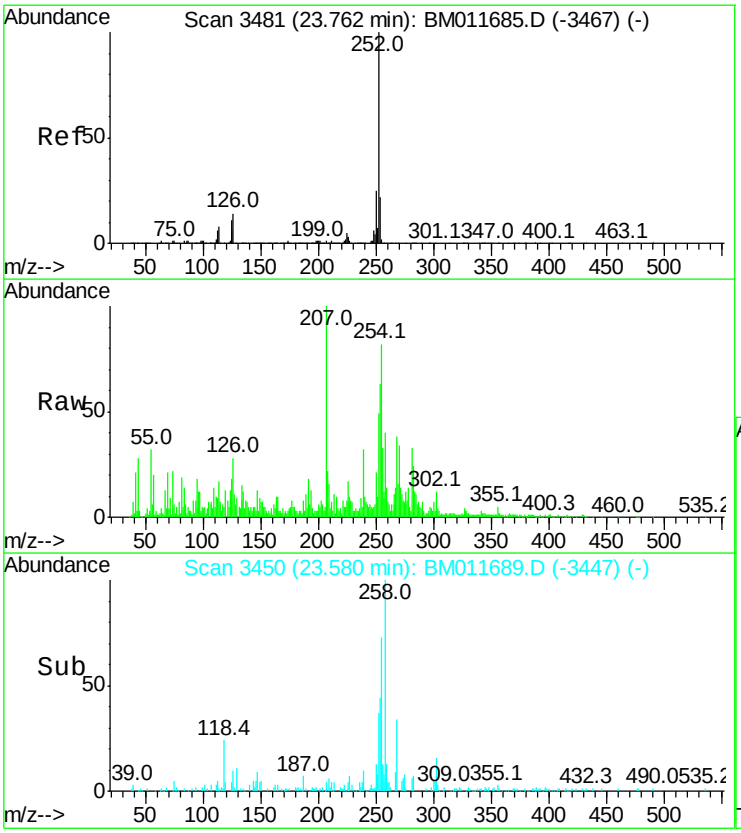
#85
Chrysene
Concen: 102.886 ng/ul
RT: 21.54 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 6474431

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.1	36.1
229	22.4	16.0	24.0





#91
Benzo(a)pyrene
Concen: 1.240 ng/ul
RT: 23.58 min Scan# 3450
Delta R.T. -0.18 min
Lab File: BM011689.D
Acq: 22 Sep 2017 12:48

Tgt Ion:252 Resp: 118787

Ion	Ratio	Lower	Upper
252	100		
253	128.5	17.2	25.8#
125	35.9	5.8	8.6#