Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007948.D
Acq On : 17 Nov 2016 20:17
Operator : UM/SJ
Sample : H5622-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL6

Quant Time: Nov 18 02:34:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 02:32:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	165596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	619314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	402701	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	760391	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	942617	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	1002997	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	716	0.19	ng/uL	0.00
5) Phenol-d5	6.92	99	13748	1.06	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	41133	5.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	40489	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	23501	2.34	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	26796	5.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	23807	4.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	42726	4.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	141339	13.09	ng/ul	-0.04
43) Dimethylphthalate-d6	13.77	166	166160	6.01	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	195464	5.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	2049	0.46	ng/ul	0.01
57) Fluorene-d10	15.36	176	149645	6.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	19688	4.35	ng/ul	0.01
70) Anthracene-d10	17.21	188	224652	6.50	ng/ul	0.00
76) Pyrene-d10	19.50	212	256972	6.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	278849	6.30	ng/ul	0.01
Target Compounds						Qvalue
16) 4-Methylphenol	8.50	108	11946	1.15	ng/ul	95
17) Hexachloroethane	8.82	117	20406	4.58	ng/ul#	2
28) Naphthalene	10.55	128	831776	27.39	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	1648765	76.56	ng/ul	99
49) Acenaphthene	14.42	153	109242	4.69	ng/ul	96
53) Dibenzofuran	14.76	168	89699	2.69	ng/ul#	61
54) 2,4-Dinitrotoluene	14.76	165	25300	3.44	ng/ul#	21
58) Fluorene	15.41	166	250567	9.39	ng/ul#	89
64) N-Nitrosodiphenylamine	15.62	169	184718	8.45	ng/ul#	54
69) Phenanthrene	17.15	178	1502855	36.92	ng/ul	97
71) Anthracene	17.15	178	1502855	36.32	ng/ul	97
74) Fluoranthene	19.17	202	231817	4.85	ng/ul#	94
77) Pyrene	19.54	202	1363160	27.90	ng/ul	99
80) Benzo(a)anthracene	21.29	228	165280	3.25	ng/ul#	46
81) Bis(2-ethylhexyl)phthalate	21.21	149	35958	1.38	ng/ul#	71
82) Chrysene	21.34	228	267817	5.50	ng/ul#	62
85) Benzo(b)fluoranthene	22.88	252	57324	1.00	ng/ul#	36
88) Benzo(a)pyrene	23.45	252	159344	2.93	ng/ul#	67
91) Benzo(g,h,i)perylene	26.51	276	145640	2.66	ng/ul#	84

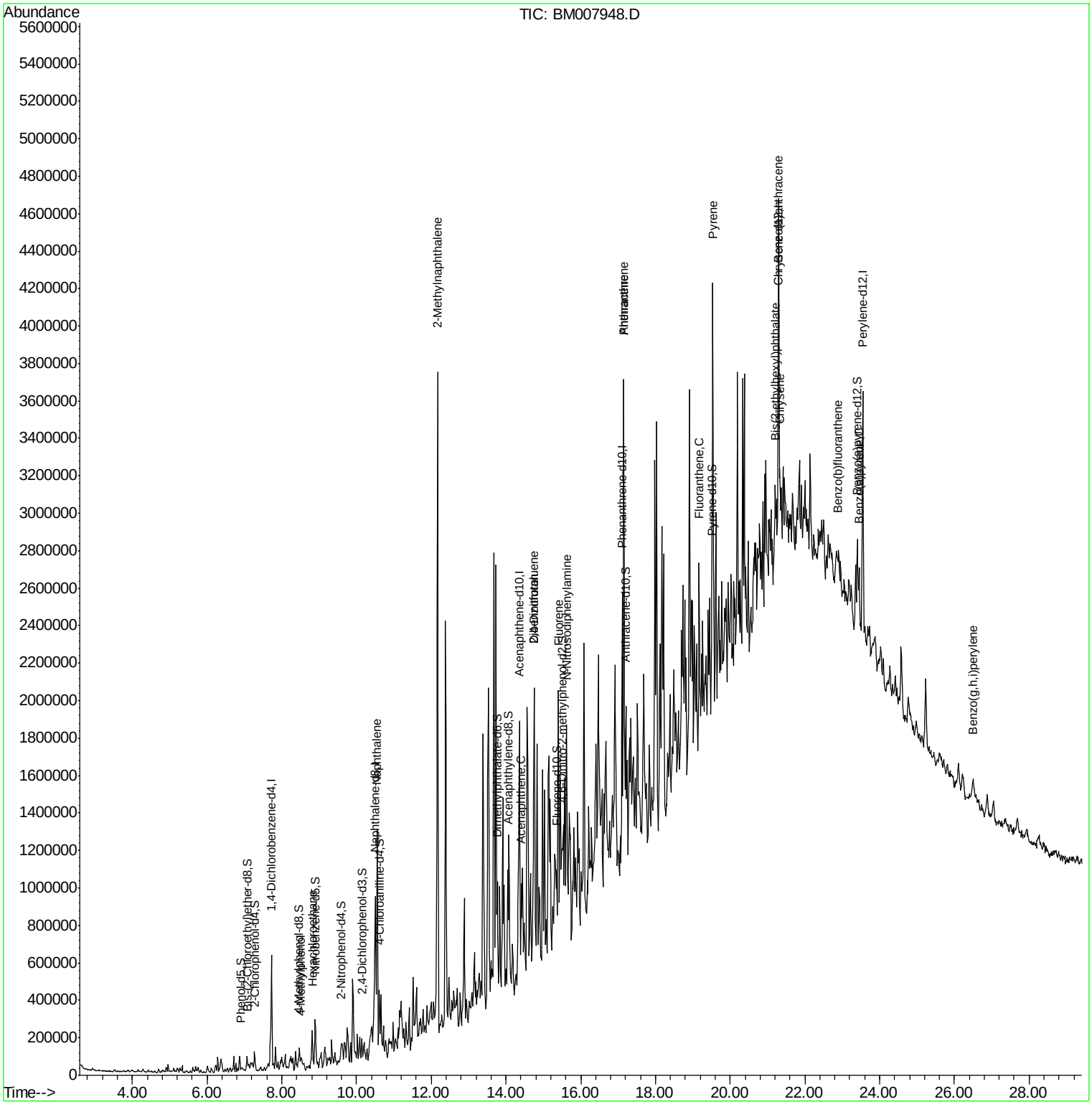
(#) = qualifier out of range (m) = manual integration (+) = signals summed

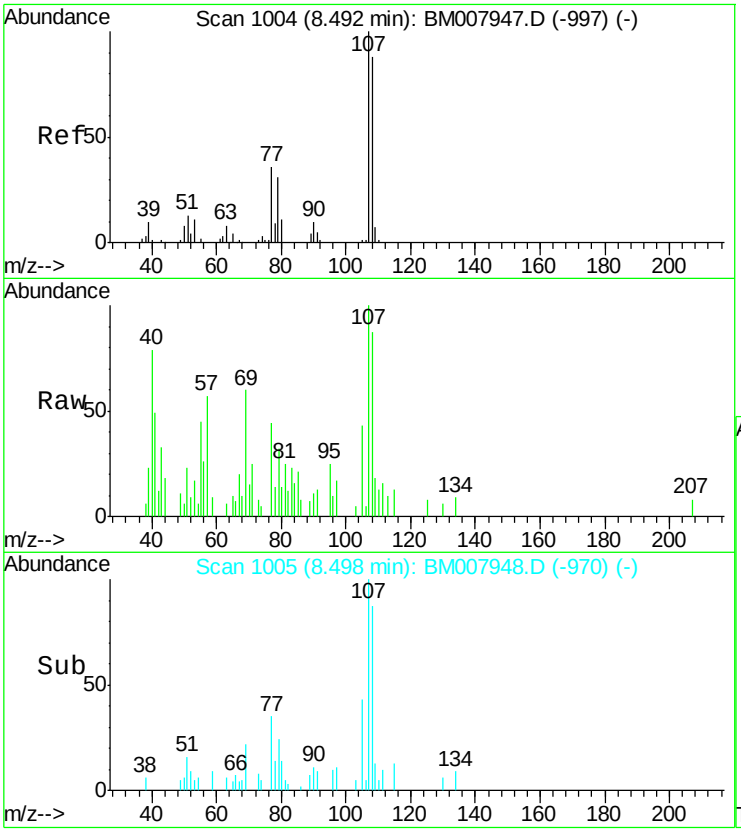
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007948.D
Acq On : 17 Nov 2016 20:17
Operator : UM/SJ
Sample : H5622-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WL6

Quant Time: Nov 18 02:34:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 02:32:59 2016
Response via : Initial Calibration



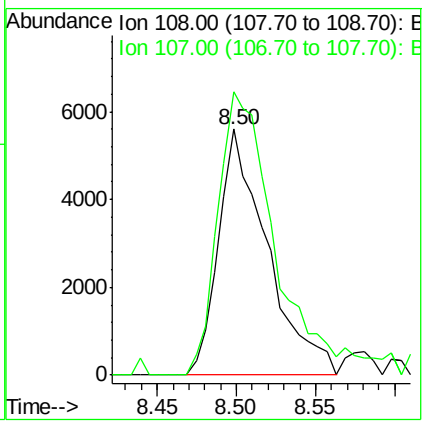


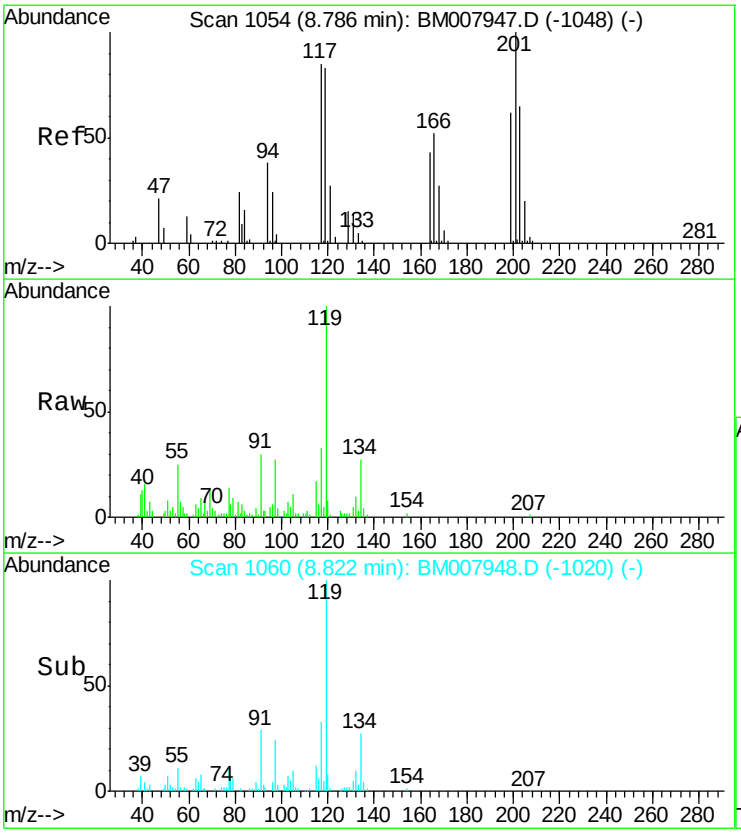
#16
4-Methylphenol
Concen: 1.15 ng/ul
RT: 8.50 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:108 Resp: 11946

Ion	Ratio	Lower	Upper
108	100		
107	115.1	87.8	131.8

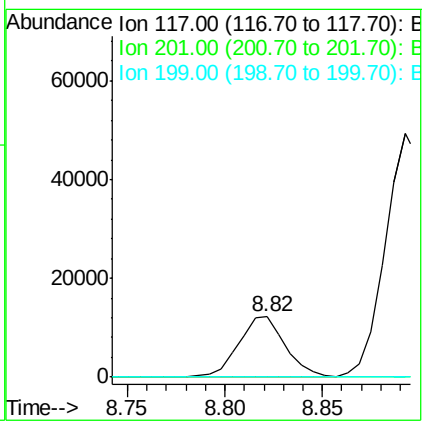


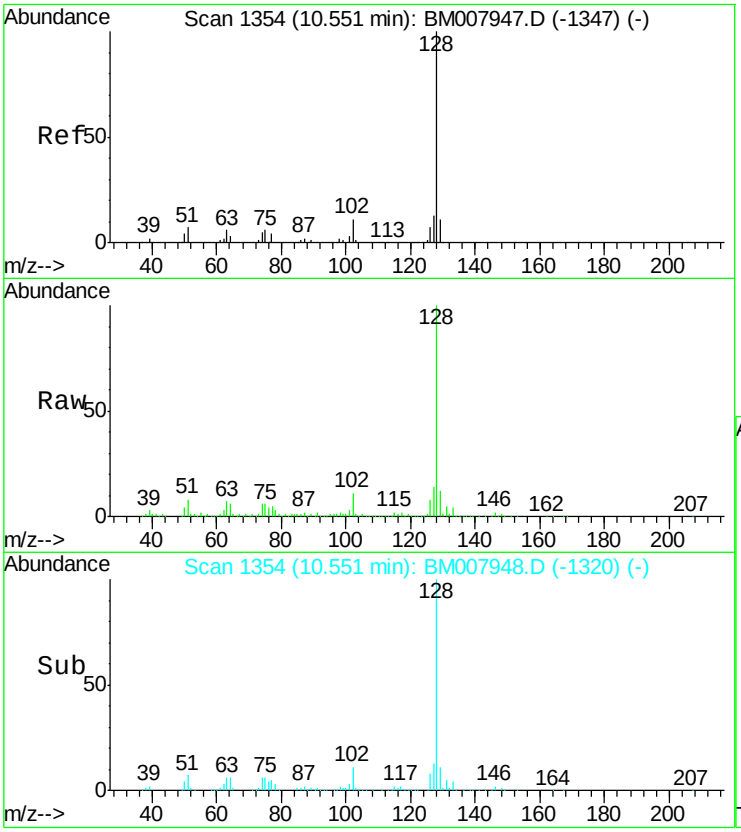


#17
Hexachloroethane
Concen: 4.58 ng/ul
RT: 8.82 min Scan# 1060
Delta R.T. 0.04 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:117 Resp: 20406

Ion	Ratio	Lower	Upper
117	100		
201	0.0	90.3	135.5#
199	0.0	58.5	87.7#



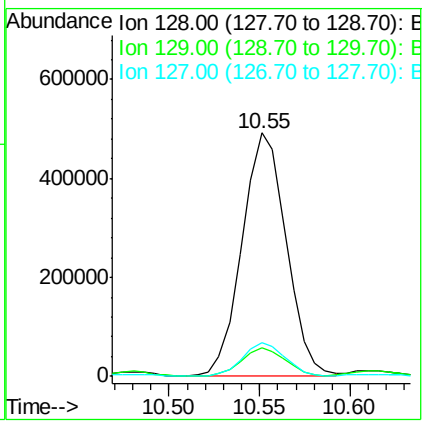


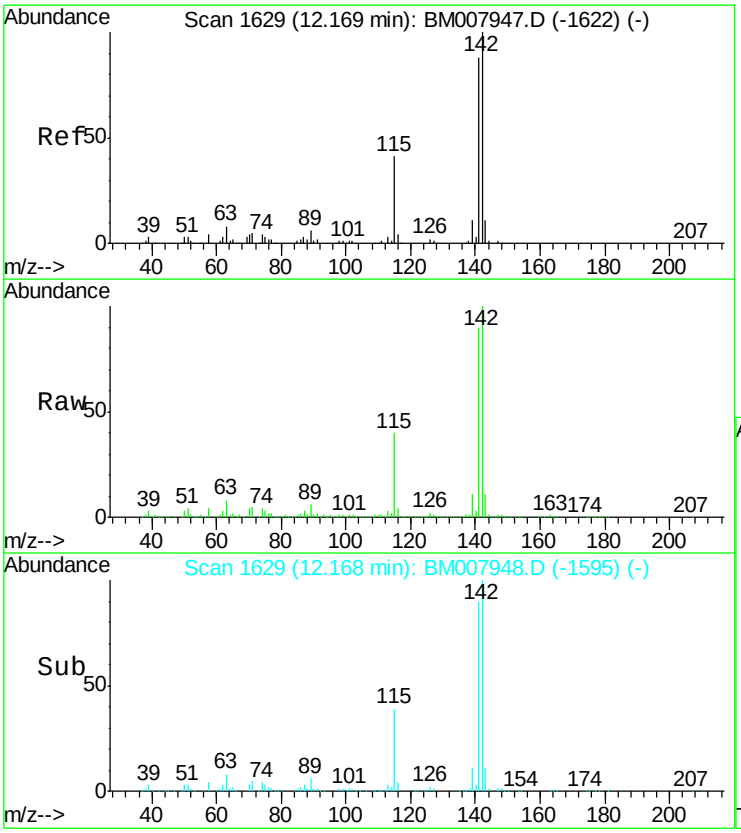
#28
Naphthalene
Concen: 27.39 ng/ul
RT: 10.55 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:128 Resp: 831776

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.7	10.6	15.8

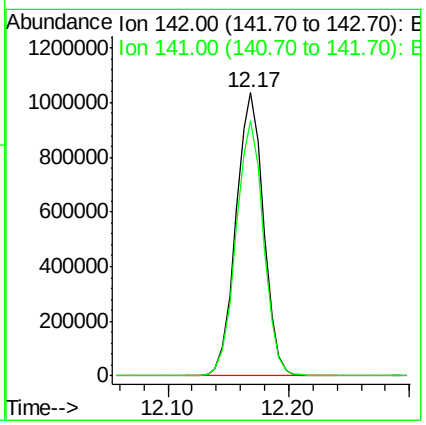


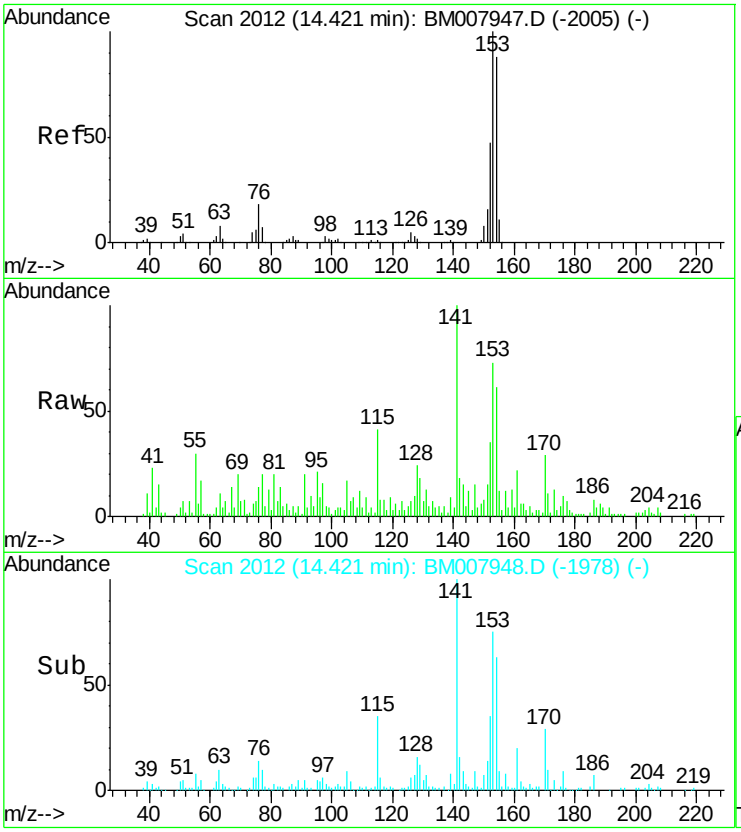


#34
2-Methylnaphthalene
Concen: 76.56 ng/ul
RT: 12.17 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:142 Resp: 1648765

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9



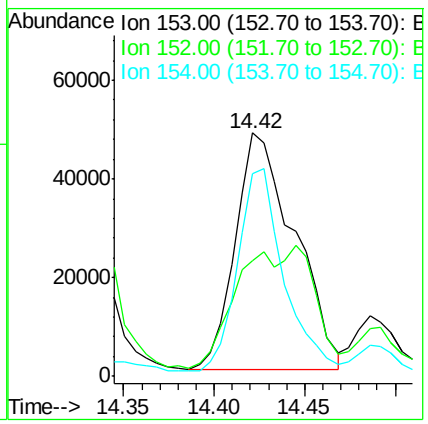


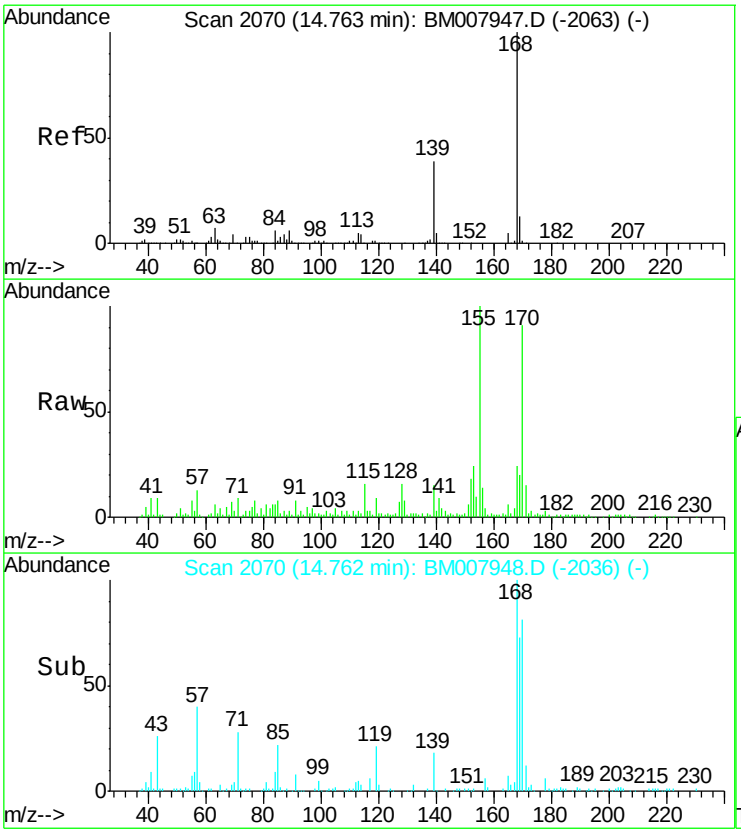
#49
Acenaphthene
Concen: 4.69 ng/ul
RT: 14.42 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:153 Resp: 109242

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.8	56.6
154	83.5	71.4	107.0

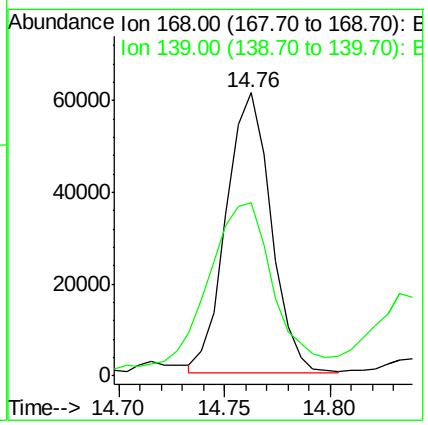


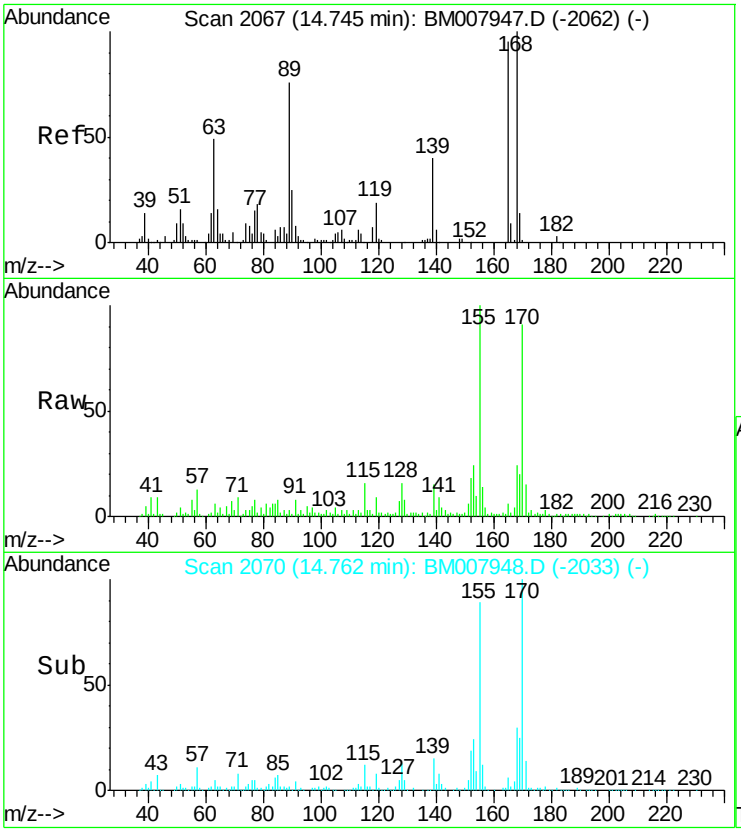


#53
Dibenzofuran
Concen: 2.69 ng/ul
RT: 14.76 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:168 Resp: 89699

Ion	Ratio	Lower	Upper
168	100		
139	61.2	30.1	45.1#



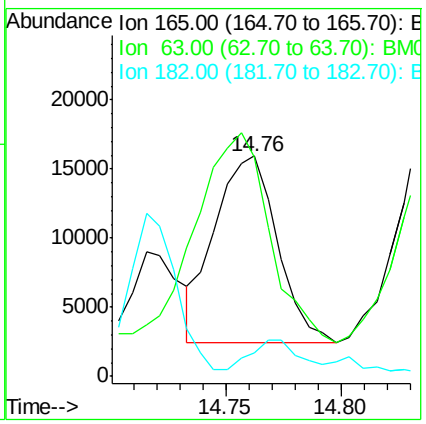


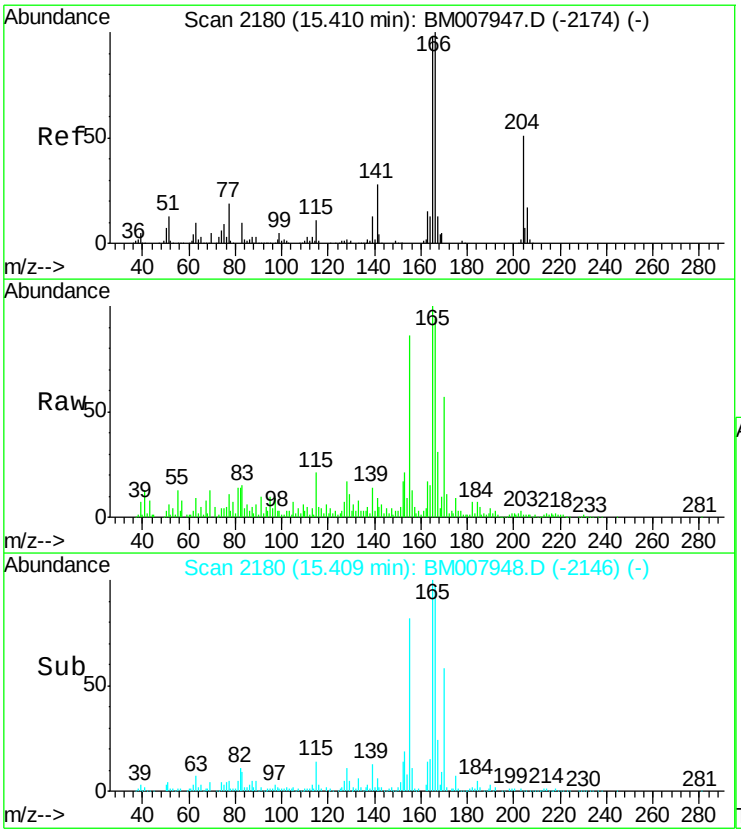
#54
2,4-Dinitrotoluene
Concen: 3.44 ng/ul
RT: 14.76 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:165 Resp: 25300

Ion	Ratio	Lower	Upper
165	100		
63	99.4	36.2	54.2#
182	10.6	2.2	3.4#

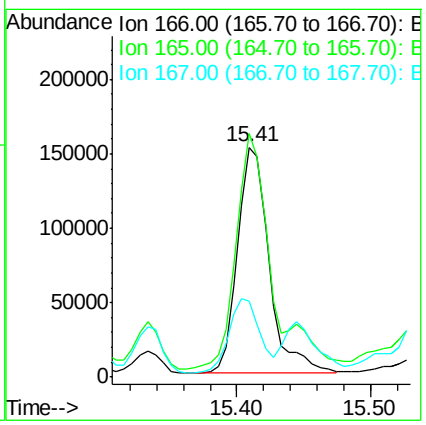


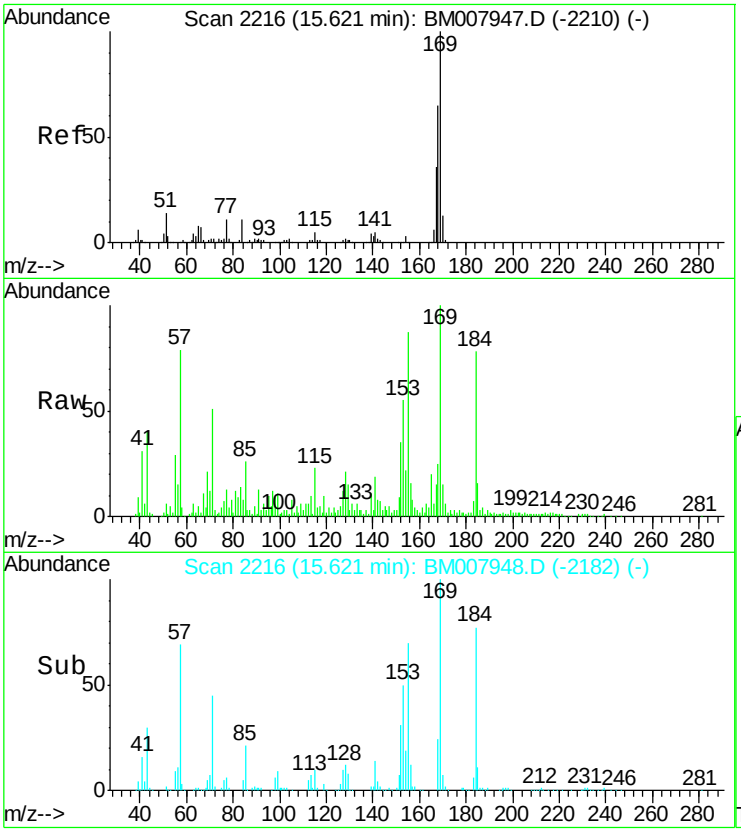


#58
Fluorene
Concen: 9.39 ng/ul
RT: 15.41 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:166 Resp: 250567

Ion	Ratio	Lower	Upper
166	100		
165	106.1	79.9	119.9
167	32.9	10.5	15.7#



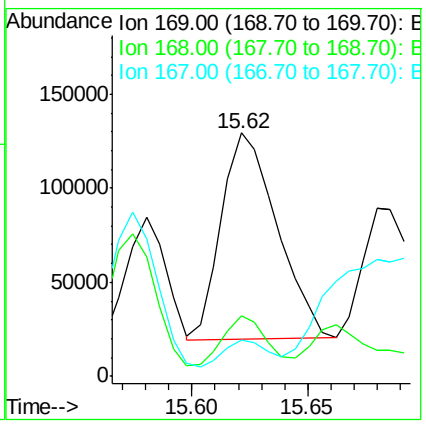


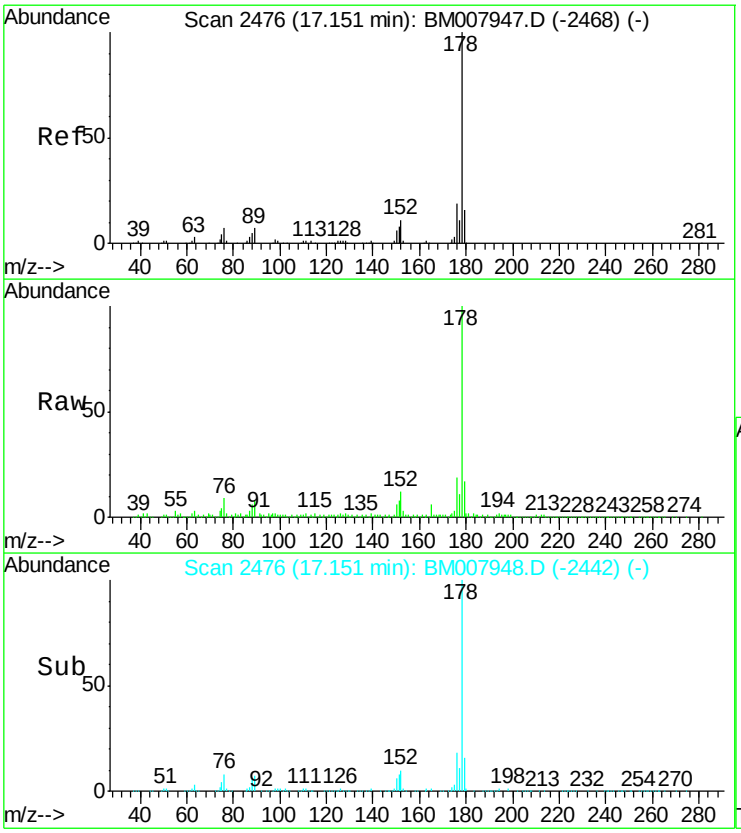
#64
N-Nitrosodiphenylamine
Concen: 8.45 ng/ul
RT: 15.62 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:169 Resp: 184718

Ion	Ratio	Lower	Upper
169	100		
168	25.0	52.6	79.0#
167	15.1	28.6	43.0#

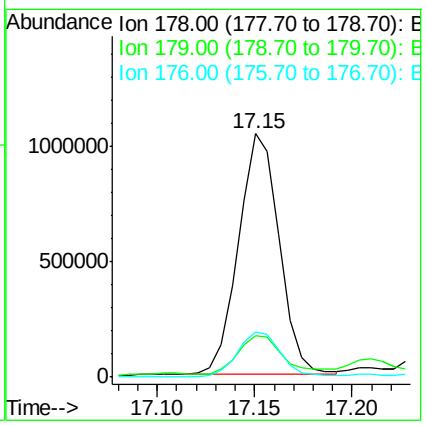


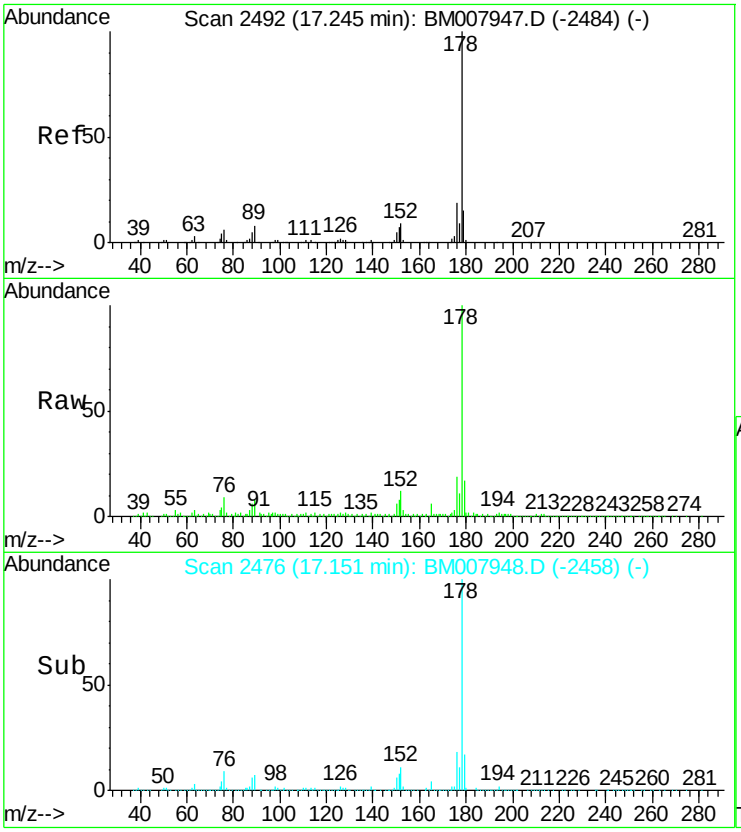


#69
Phenanthrene
Concen: 36.92 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:178 Resp: 1502855

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.2	18.2
176	18.5	15.1	22.7



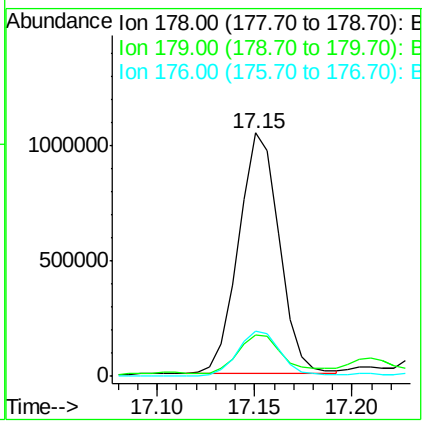


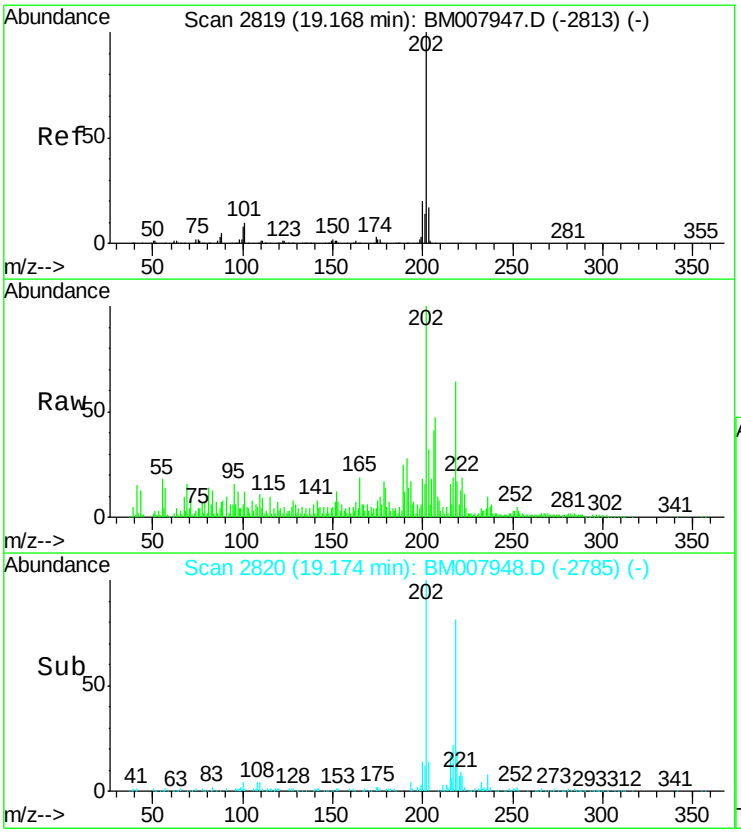
#71
Anthracene
Concen: 36.32 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. -0.09 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:178 Resp: 1502855

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.1	18.1
176	18.5	14.5	21.7

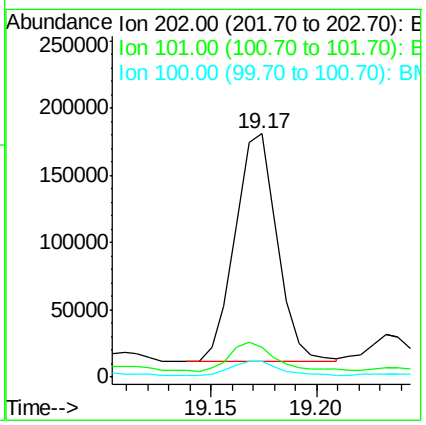


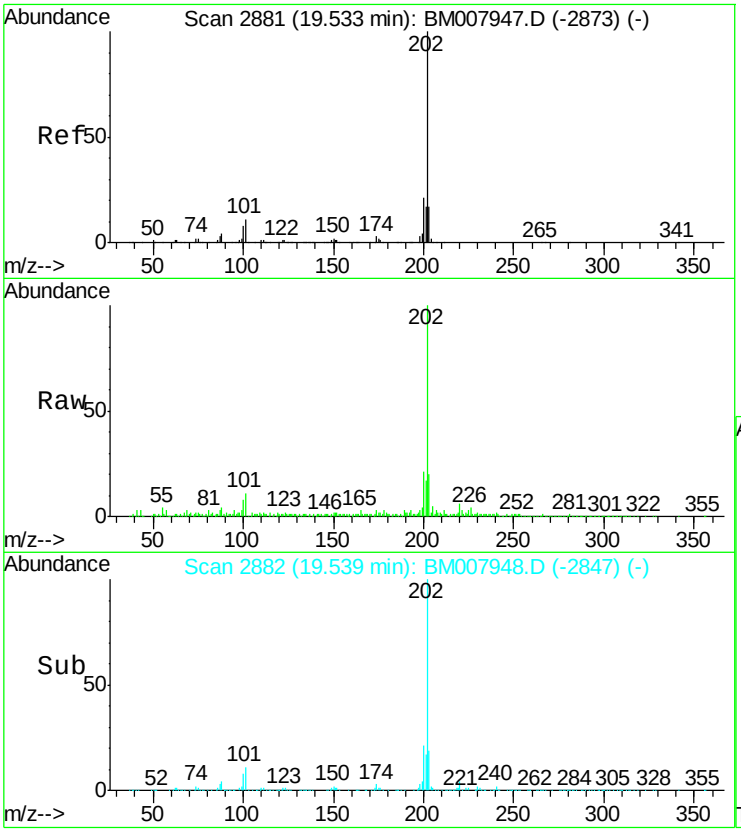


#74
Fluoranthene
Concen: 4.85 ng/ul
RT: 19.17 min Scan# 2820
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:202 Resp: 231817

Ion	Ratio	Lower	Upper
202	100		
101	12.1	6.9	10.3#
100	6.4	5.4	8.0



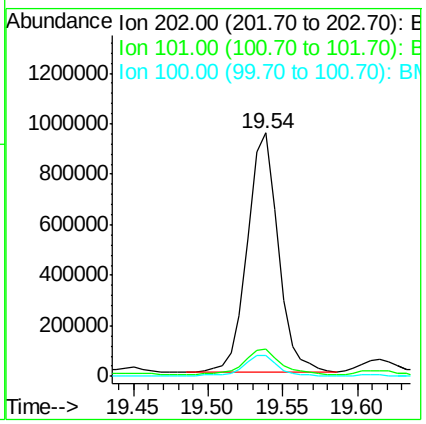


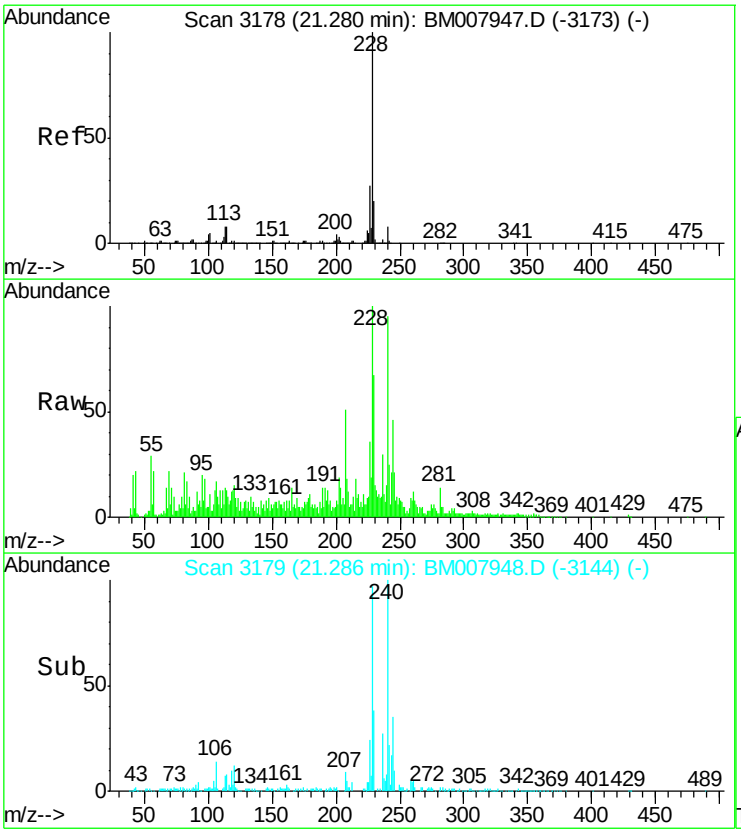
#77
Pyrene
Concen: 27.90 ng/ul
RT: 19.54 min Scan# 2882
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:202 Resp: 1363160

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.4	12.6
100	8.4	6.9	10.3

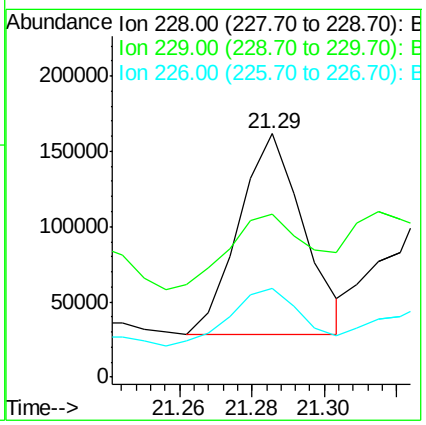


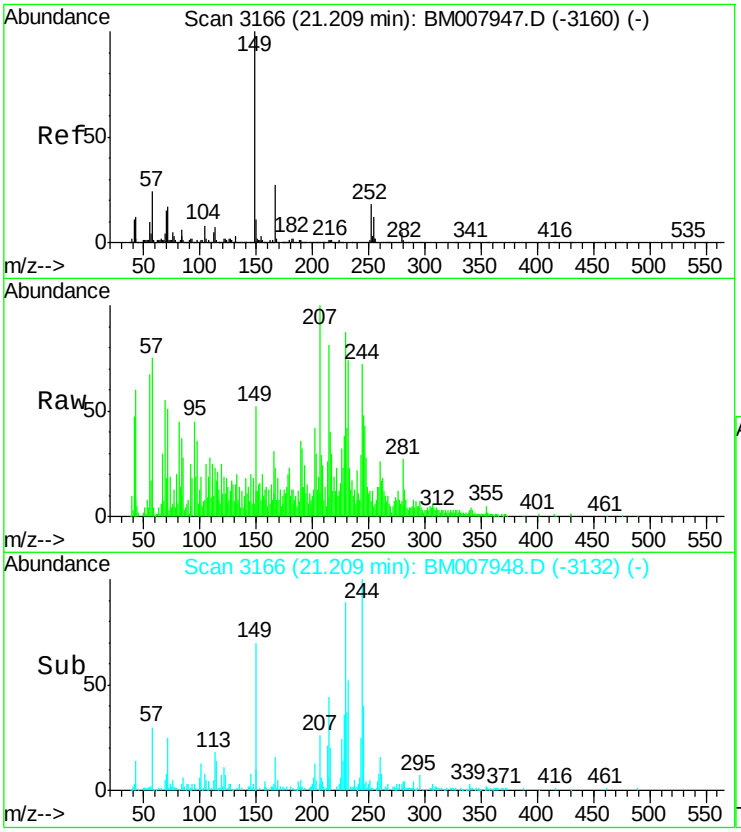


#80
Benzo(a)anthracene
Concen: 3.25 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:228 Resp: 165280

Ion	Ratio	Lower	Upper
228	100		
229	67.0	15.6	23.4#
226	36.4	21.8	32.8#



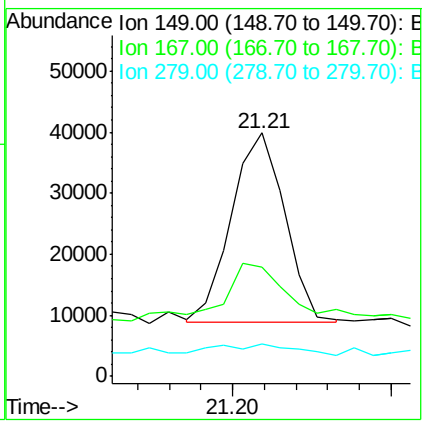


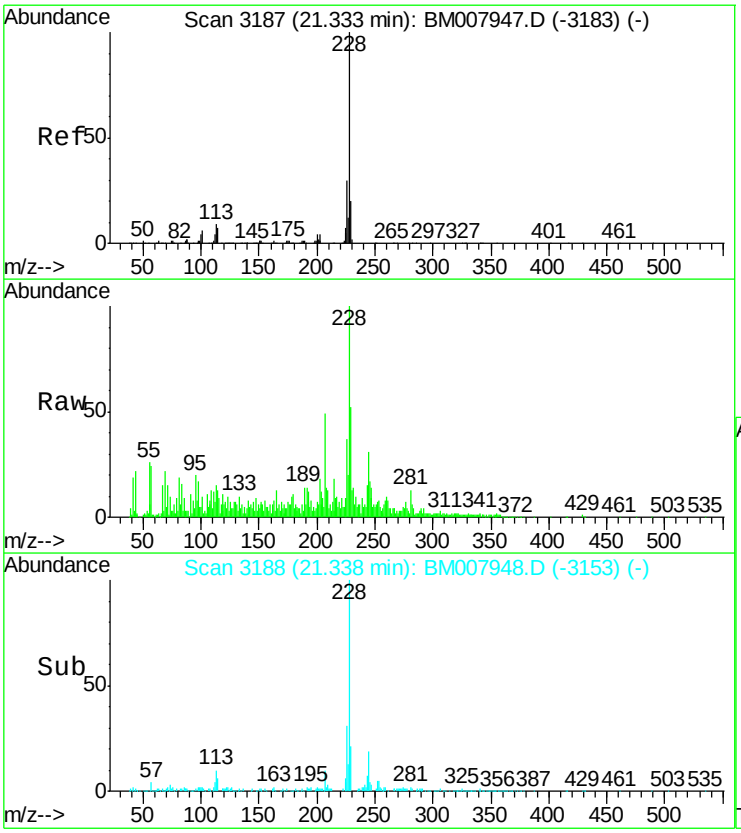
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.38 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:149 Resp: 35958

Ion	Ratio	Lower	Upper
149	100		
167	44.7	23.2	34.8#
279	13.3	4.1	6.1#

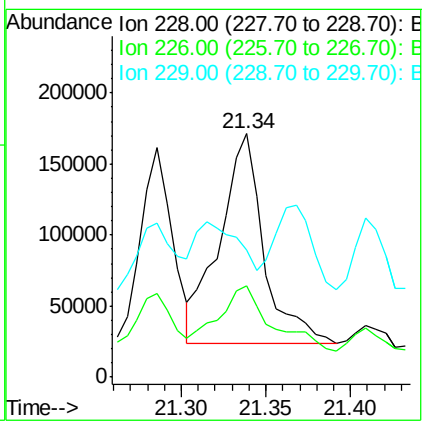


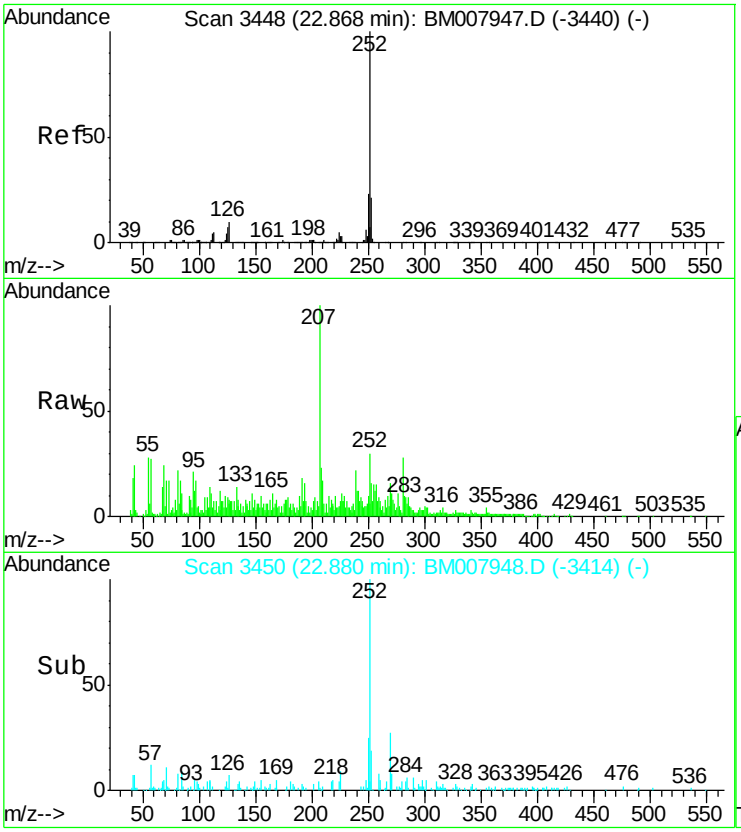


#82
Chrysene
Concen: 5.50 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:228 Resp: 267817

Ion	Ratio	Lower	Upper
228	100		
226	37.5	23.4	35.2#
229	52.3	15.5	23.3#



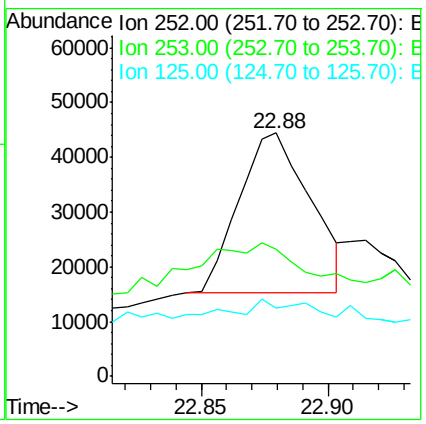


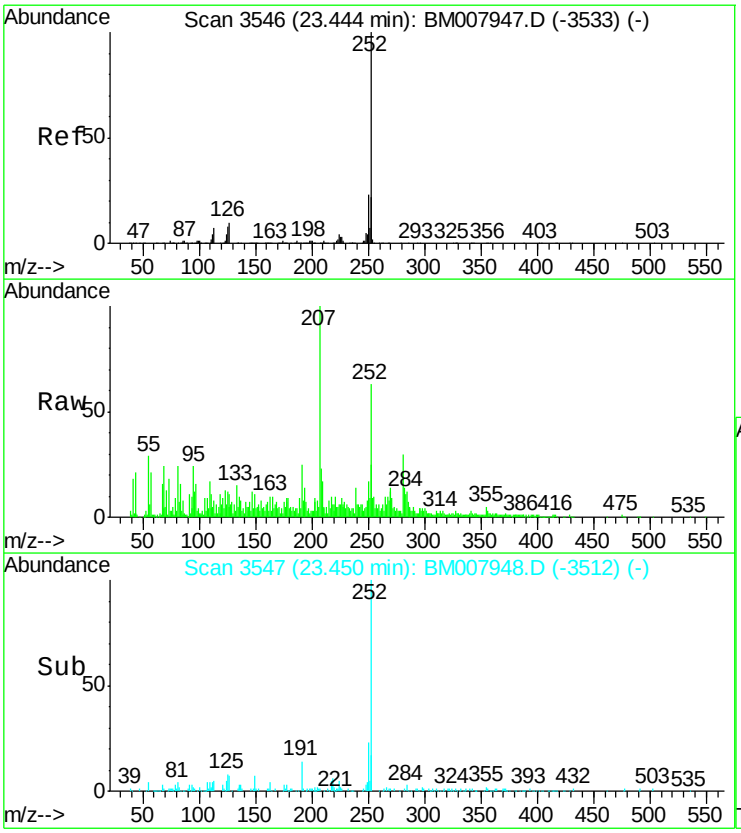
#85
Benzo(b)fluoranthene
Concen: 1.00 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:252 Resp: 57324

Ion	Ratio	Lower	Upper
252	100		
253	52.1	17.1	25.7#
125	28.3	5.8	8.8#

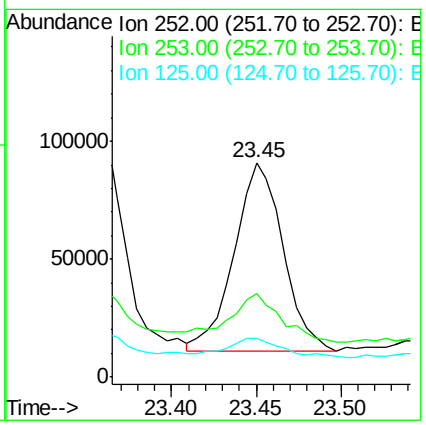


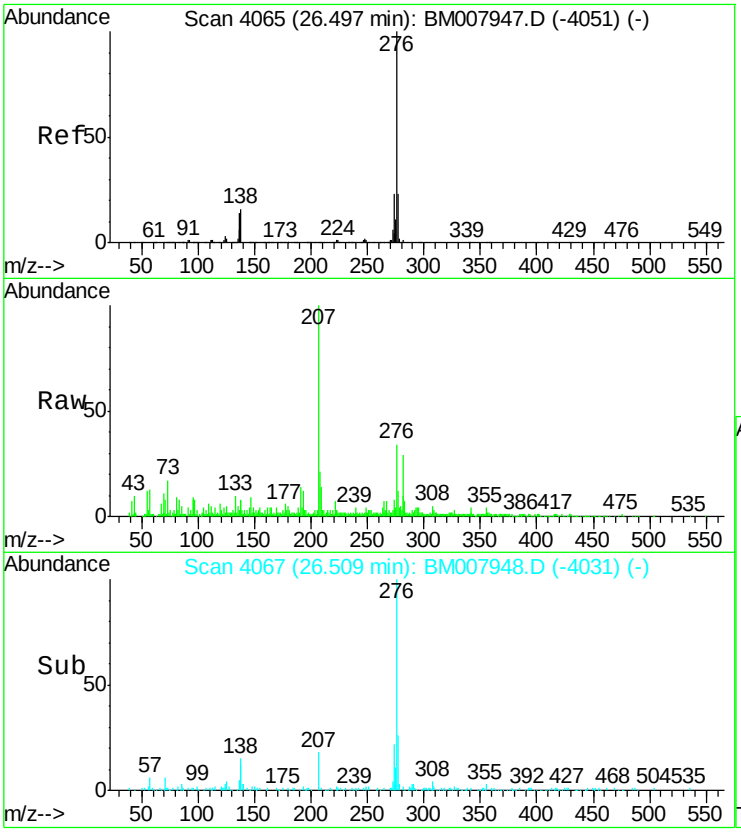


#88
Benzo(a)pyrene
Concen: 2.93 ng/ul
RT: 23.45 min Scan# 3547
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Tgt Ion:252 Resp: 159344

Ion	Ratio	Lower	Upper
252	100		
253	38.9	17.7	26.5#
125	18.4	6.6	9.8#





#91
Benzo(g,h,i)perylene
Concen: 2.66 ng/ul
RT: 26.51 min Scan# 4067
Delta R.T. 0.01 min
Lab File: BM007948.D
Acq: 17 Nov 2016 20:17

Instrument :
BNA_M
ClientSampleId :
A4WL6

Tgt Ion:276 Resp: 145640

Ion	Ratio	Lower	Upper
276	100		
138	21.9	13.5	20.3#
277	33.8	19.3	28.9#