

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013341.D
 Acq On : 12 Dec 2017 16:21
 Operator : SJ/JU
 Sample : I6775-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A04

Quant Time: Dec 13 01:17:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:12:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	168224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	757877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	484623	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1228129	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1438127	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1266474	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9853	2.90	ng/uL	0.00
5) Phenol-d5	6.86	99	215834	14.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	134214	16.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	179404	15.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	188794	15.18	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	97848	16.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	100996	15.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	198134	14.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	248391	20.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	750753	17.41	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	857824	16.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	91139	12.16	ng/ul	0.00
57) Fluorene-d10	15.33	176	645853	17.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	85942	11.12	ng/ul	0.00
70) Anthracene-d10	17.17	188	1066132	17.33	ng/ul	0.00
76) Pyrene-d10	19.47	212	1244492	17.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1044925	16.20	ng/ul	0.00

Target Compounds

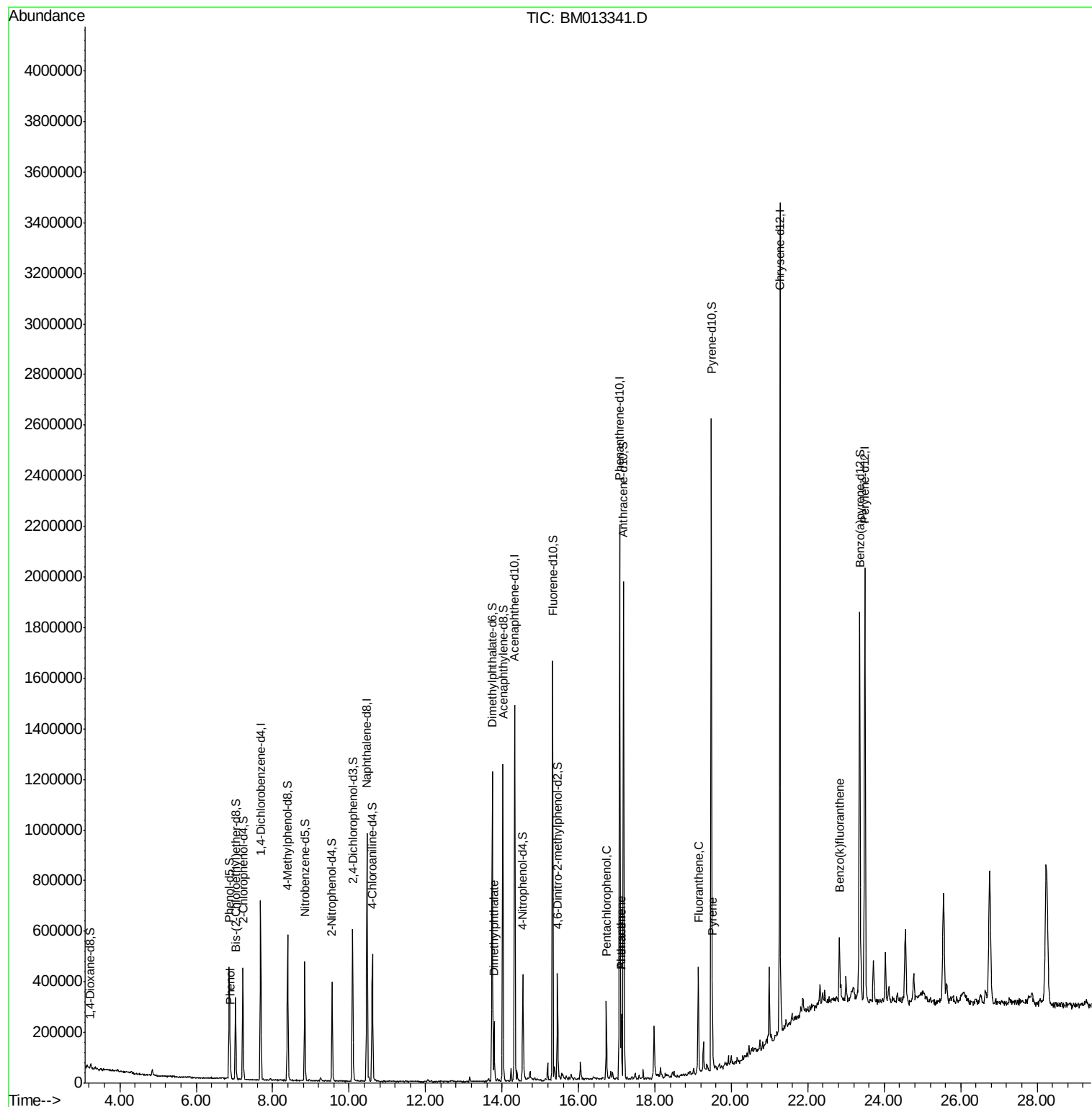
					Ovalue	
6) Phenol	6.89	94	30261	2.103	ng/ul#	87
44) Dimethylphthalate	13.79	163	137193	3.326	ng/ul#	97
68) Pentachlorophenol	16.73	266	47166	5.122	ng/ul	95
69) Phenanthrene	17.12	178	152345	2.183	ng/ul	99
71) Anthracene	17.12	178	152345	2.136	ng/ul	98
74) Fluoranthene	19.14	202	225180	2.634	ng/ul#	95
77) Pyrene	19.50	202	175844	2.013	ng/ul#	95
86) Benzo(k)fluoranthene	22.83	252	84878	1.056	ng/ul#	93

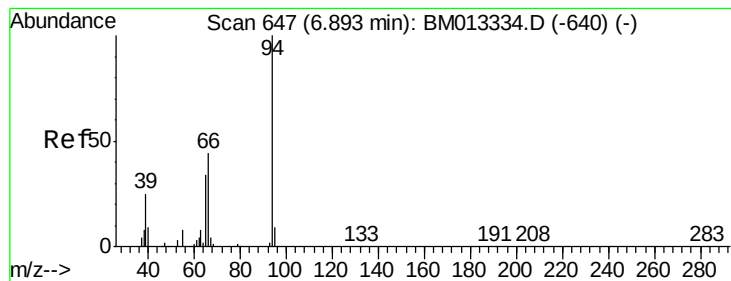
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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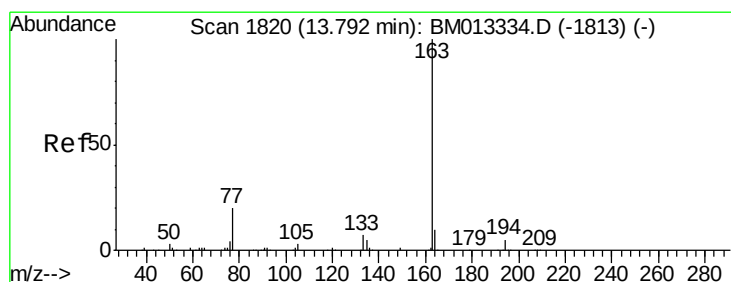
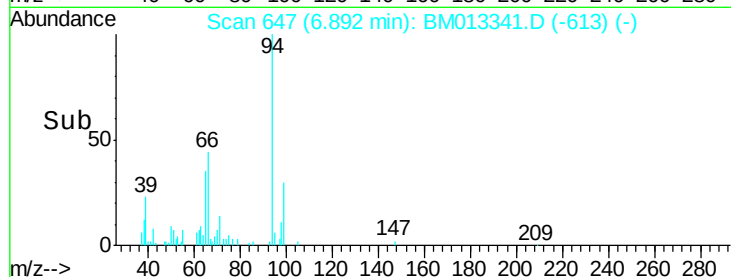
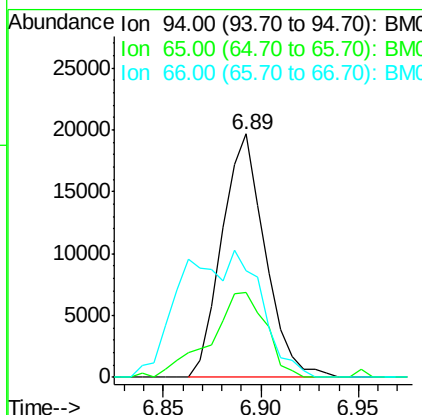
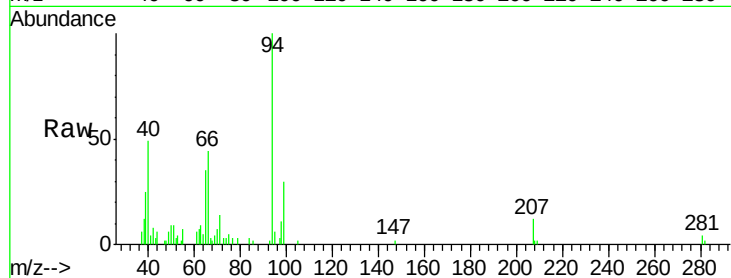
#6

Phenol

Concen: 2.103 ng/ul
 RT: 6.89 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BM013341.D
 Acq: 12 Dec 2017 16:21

Instrument :
 BNA_M
 ClientSampleId :
 F9A04

Tot Ion	Ratio	Lower	Upper
94	100		
65	35.1	28.2	42.4
66	44.0	47.2	70.8#

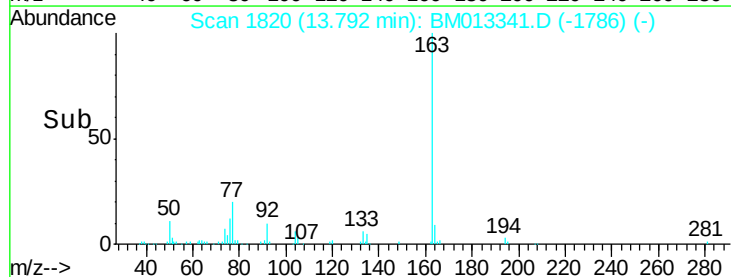
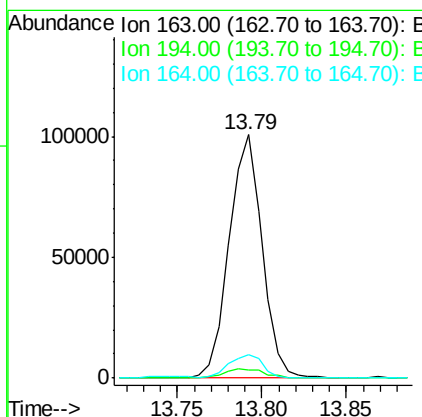
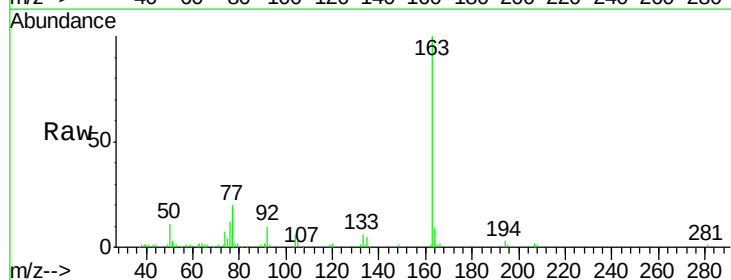


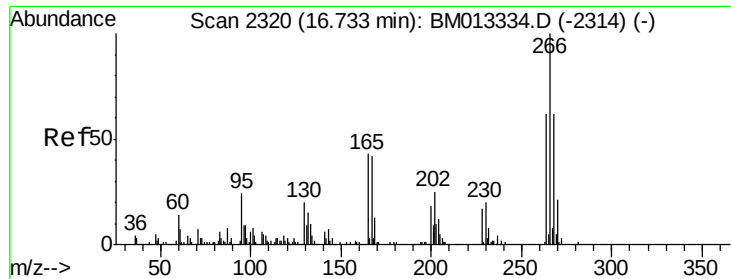
#44

Dimethylphthalate

Concen: 3.326 ng/ul
 RT: 13.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BM013341.D
 Acq: 12 Dec 2017 16:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	9.4	8.2	12.4

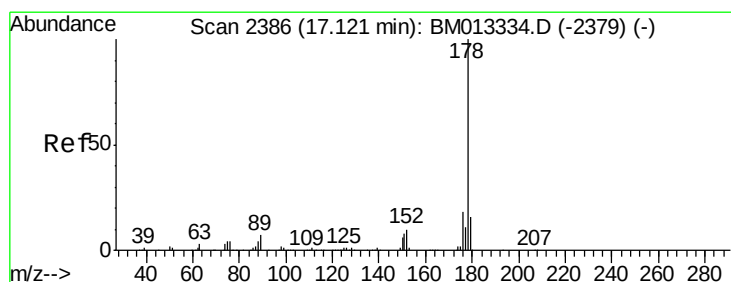
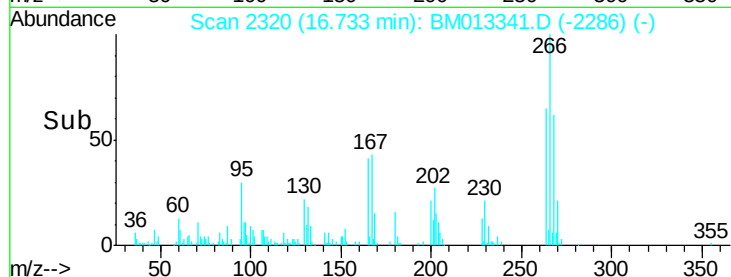
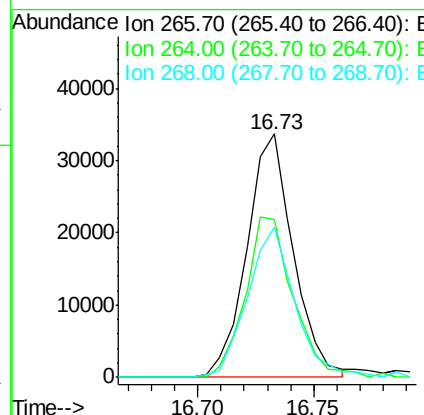
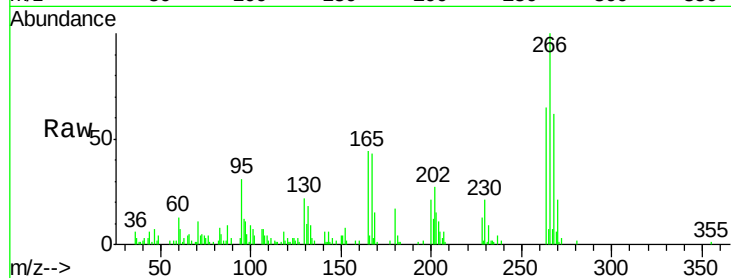




#68
 Pentachlorophenol
 Concen: 5.122 ng/ul
 RT: 16.73 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BM013341.D
 Acq: 12 Dec 2017 16:21

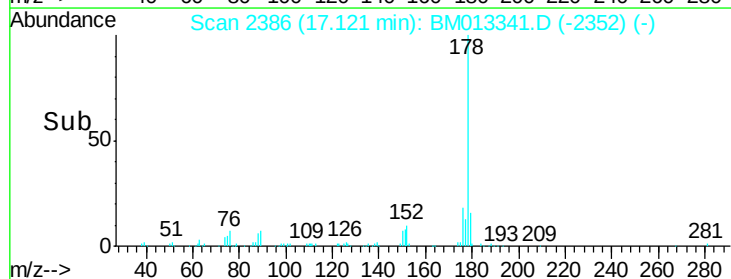
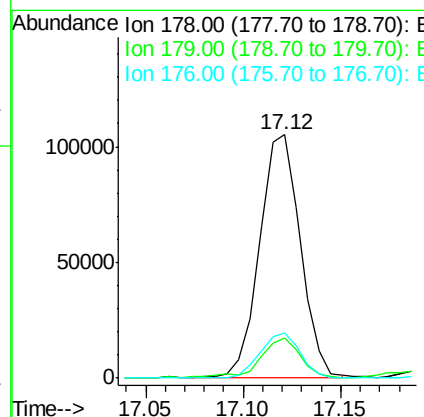
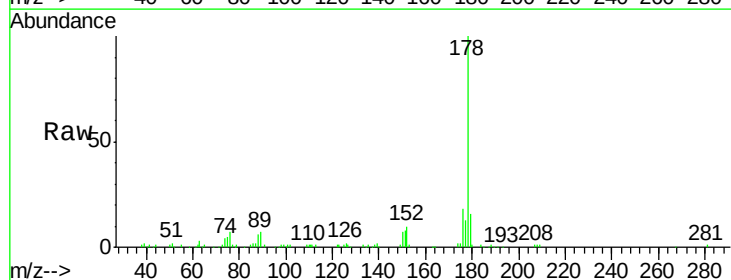
Instrument :
 BNA_M
 ClientSampleId :
 F9A04

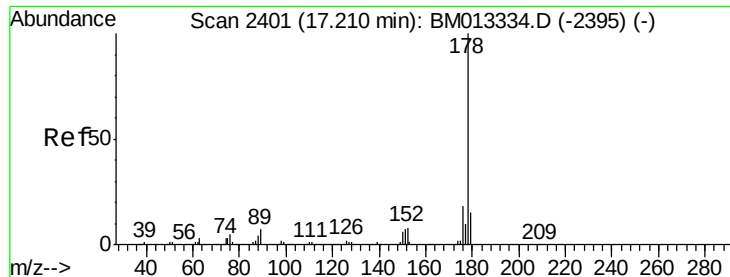
Tot Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.3	73.9
268	61.8	52.6	78.8



#69
 Phenanthrene
 Concen: 2.183 ng/ul
 RT: 17.12 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BM013341.D
 Acq: 12 Dec 2017 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	18.3	14.9	22.3

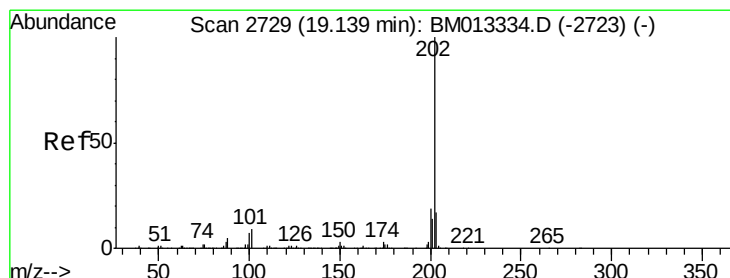
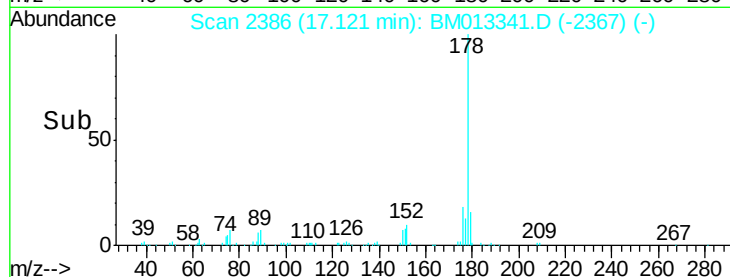
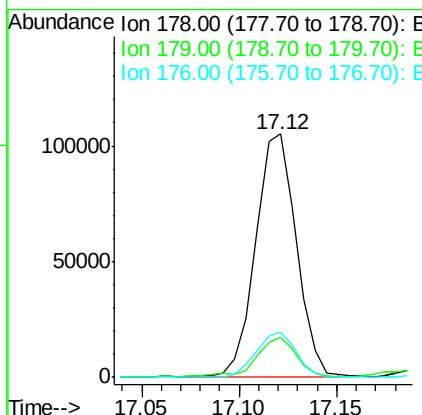
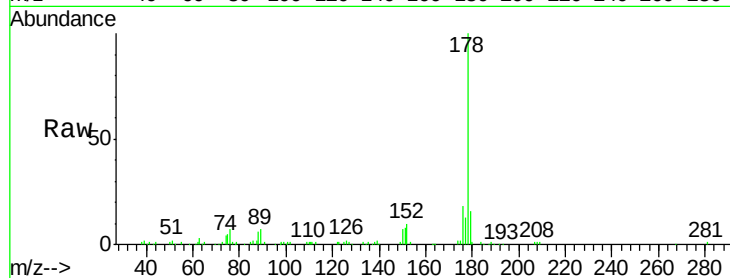




#71
 Anthracene
 Concen: 2.136 ng/ul
 RT: 17.12 min Scan# 2386
 Delta R.T. -0.09 min
 Lab File: BM013341.D
 Acq: 12 Dec 2017 16:21

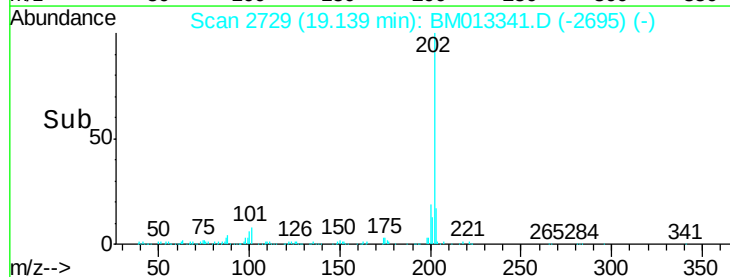
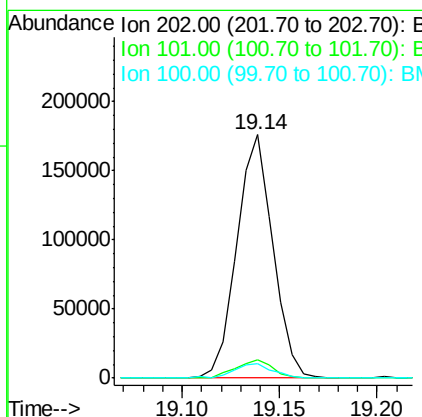
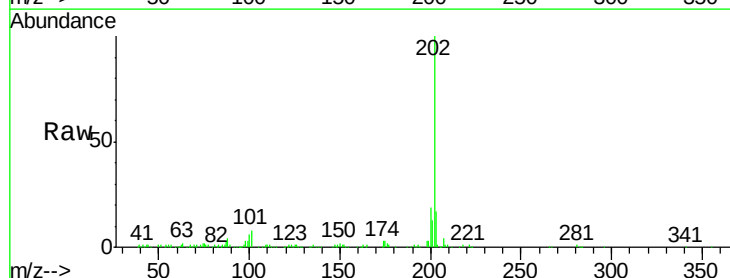
Instrument :
 BNA_M
 ClientSampled :
 F9A04

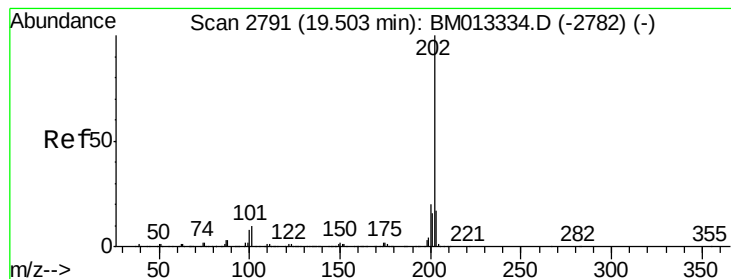
Tot Ion:178 Resp: 152345
 Ion Ratio Lower Upper
 178 100
 179 16.3 11.7 17.5
 176 18.3 14.6 21.8



#74
 Fluoranthene
 Concen: 2.634 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM013341.D
 Acq: 12 Dec 2017 16:21

Tgt Ion:202 Resp: 225180
 Ion Ratio Lower Upper
 202 100
 101 7.7 4.6 7.0#
 100 5.9 3.4 5.2#





#77

Pvrene

Concen: 2.013 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM013341.D

Acq: 12 Dec 2017 16:21

Instrument :

BNA_M

ClientSampleId :

F9A04

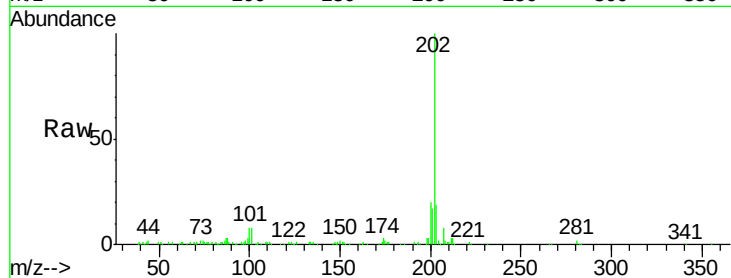
Tot Ion:202 Resp: 175844

Ion Ratio Lower Upper

202 100

101 8.1 5.1 7.7#

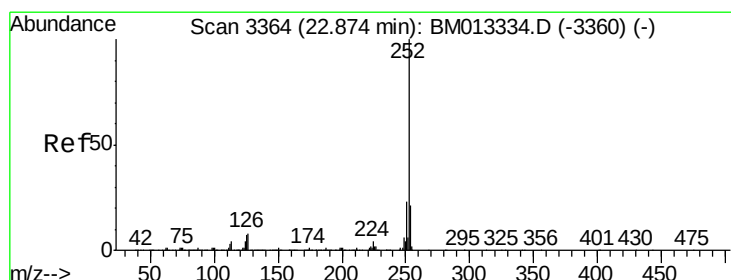
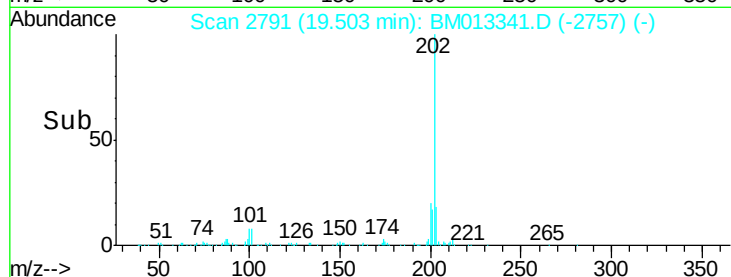
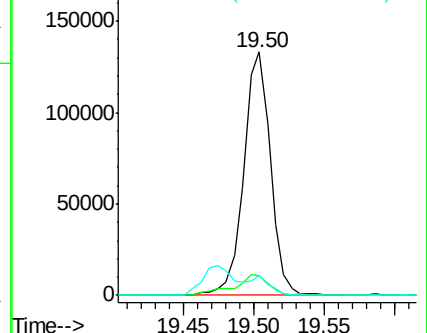
100 8.1 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#86

Benzo(k)fluoranthene

Concen: 1.056 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BM013341.D

Acq: 12 Dec 2017 16:21

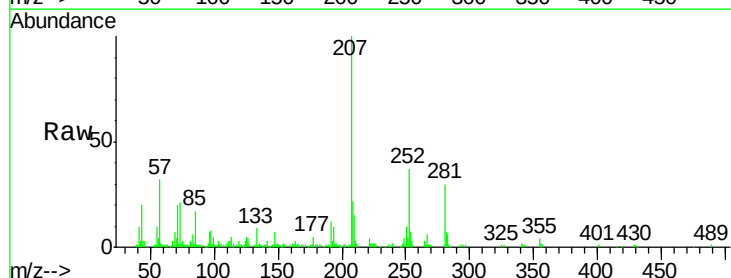
Tgt Ion:252 Resp: 84878

Ion Ratio Lower Upper

252 100

253 20.0 17.1 25.7

125 13.5 3.4 5.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

