

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
 Data File : BM009676.D
 Acq On : 19 Apr 2017 19:27
 Operator : SJ/MA
 Sample : I2691-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB58MS

Quant Time: Apr 20 05:30:13 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 05:29:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	169067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	657952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	376315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	850039	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1049498	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1026893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	15749	3.43	ng/uL	0.00
5) Phenol-d5	6.99	99	364801	23.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	251498	23.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	256033	23.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	272252	23.91	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	124295	24.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	131355	24.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	252620	23.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	231708	21.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	725528	23.91	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	939165	24.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	124743	22.90	ng/ul	0.00
57) Fluorene-d10	15.47	176	687145	26.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	89364	16.50	ng/ul	0.00
70) Anthracene-d10	17.33	188	1076440	26.14	ng/ul	0.00
76) Pyrene-d10	19.62	212	1244551	27.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1251765	26.95	ng/ul	0.00

Target Compounds

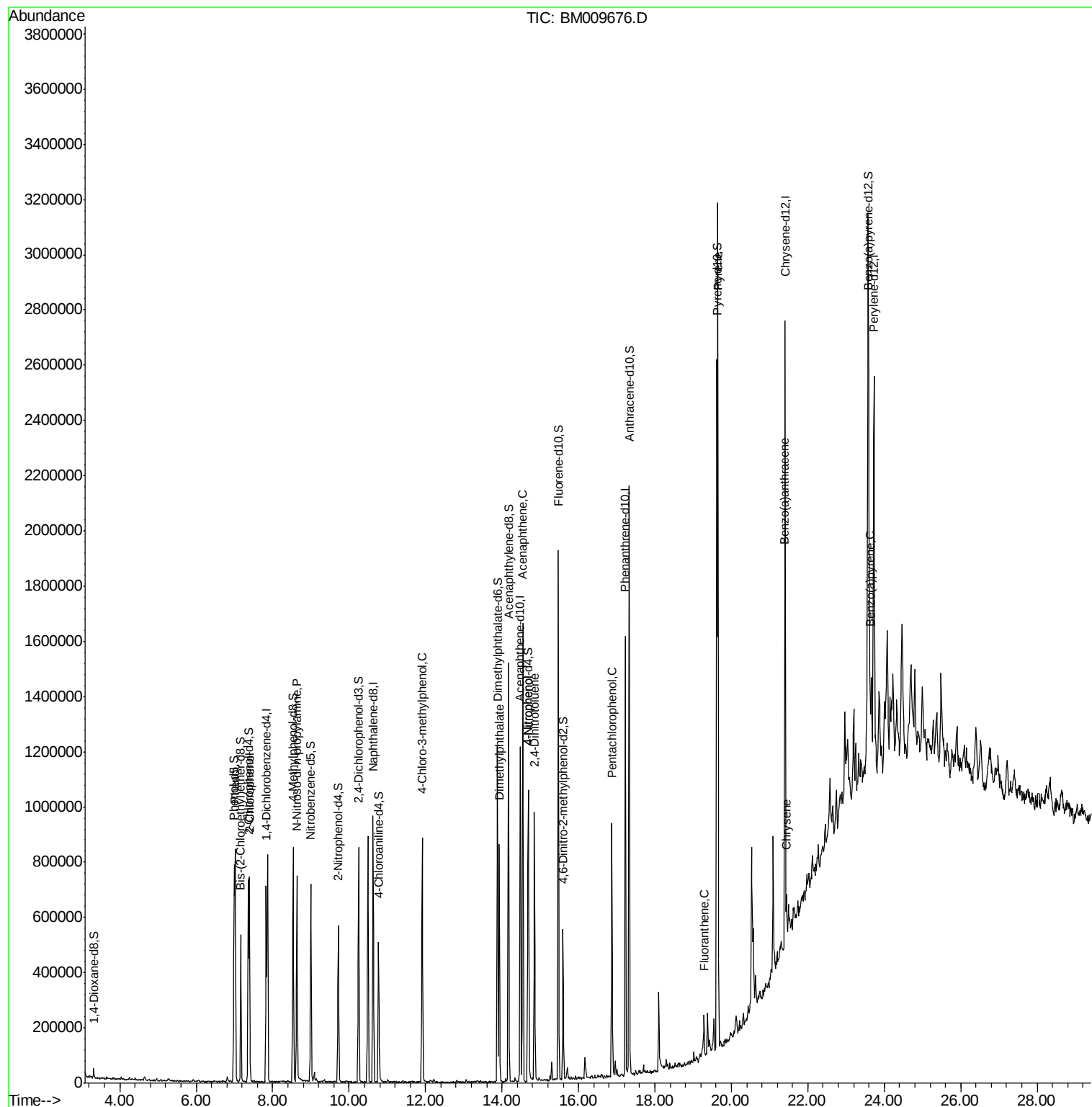
						Qvalue
6) Phenol	7.02	94	382548	22.99	ng/ul#	62
10) 2-Chlorophenol	7.39	128	242851	21.70	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.63	70	244646	21.27	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.91	107	276985	23.10	ng/ul#	89
44) Dimethylphthalate	13.93	163	471175	15.44	ng/ul	98
49) Acenaphthene	14.54	153	615261	23.72	ng/ul	98
52) 4-Nitrophenol	14.69	109	131447	20.67	ng/ul#	60
54) 2,4-Dinitrotoluene	14.85	165	208155	23.06	ng/ul#	69
68) Pentachlorophenol	16.87	266	145198	21.96	ng/ul	86
74) Fluoranthene	19.28	202	75089	1.27	ng/ul#	87
77) Pyrene	19.65	202	1659336	27.83	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	65628	1.07	ng/ul	94
82) Chrysene	21.44	228	69310	1.25	ng/ul	93
88) Benzo(a)pyrene	23.63	252	76314	1.25	ng/ul#	83

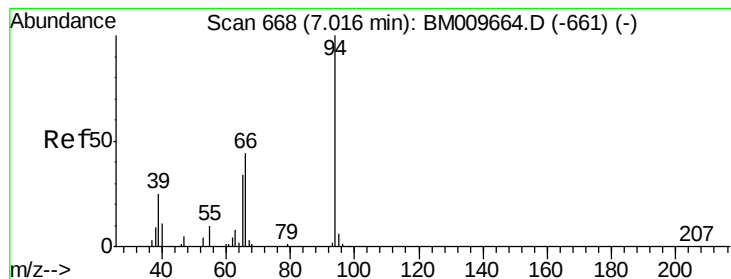
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 05:29:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 22.99 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM009676.D

Acq: 19 Apr 2017 19:27

Instrument :

BNA_M

ClientSampleId :

YAB58MS

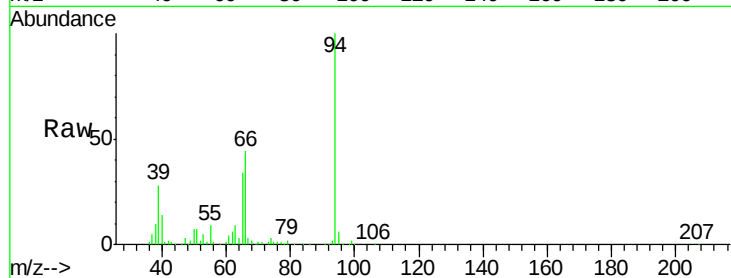
Tgt Ion: 94 Resp: 382548

Ion Ratio Lower Upper

94 100

65 33.8 39.8 59.6#

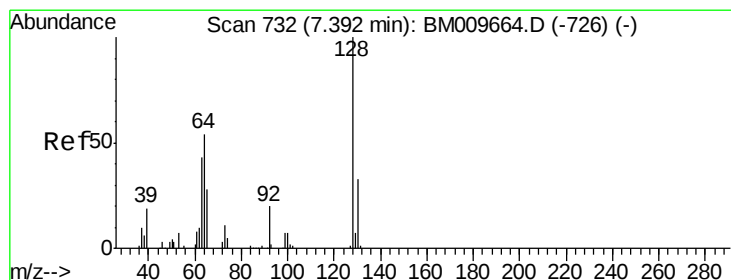
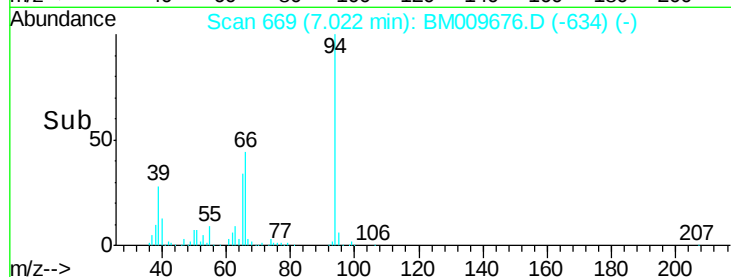
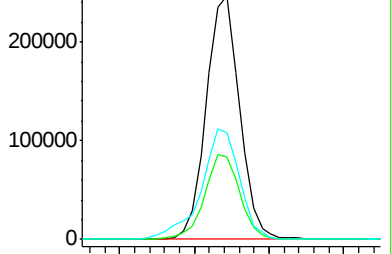
66 44.0 69.9 104.9#



Abundance Ion 94.00 (93.70 to 94.70): BM009664.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM009664.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM009664.D (-661) (-)



#10

2-Chlorophenol

Concen: 21.70 ng/ul

RT: 7.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BM009676.D

Acq: 19 Apr 2017 19:27

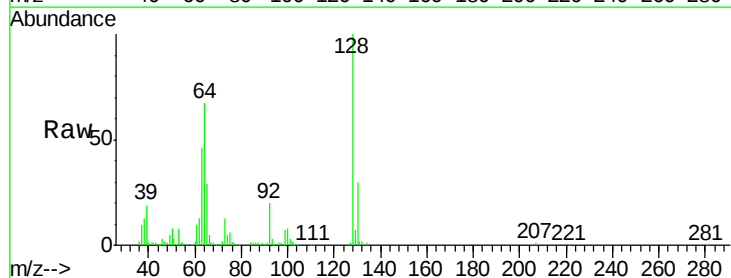
Tgt Ion: 128 Resp: 242851

Ion Ratio Lower Upper

128 100

64 67.1 76.6 115.0#

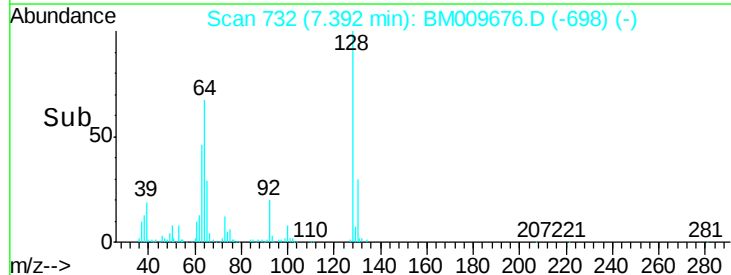
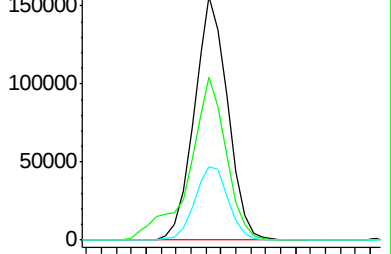
130 30.3 26.5 39.7

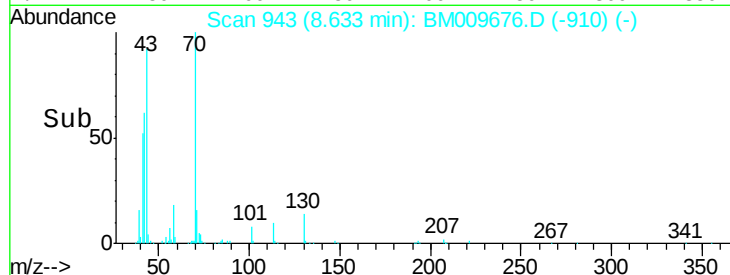
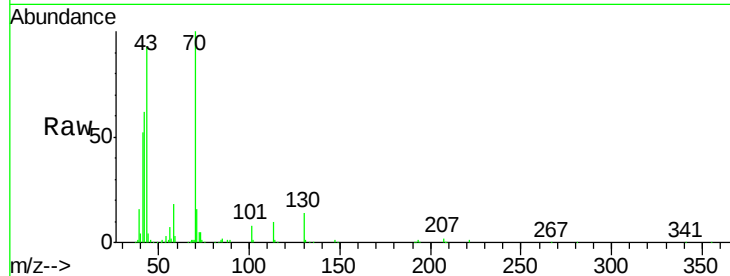
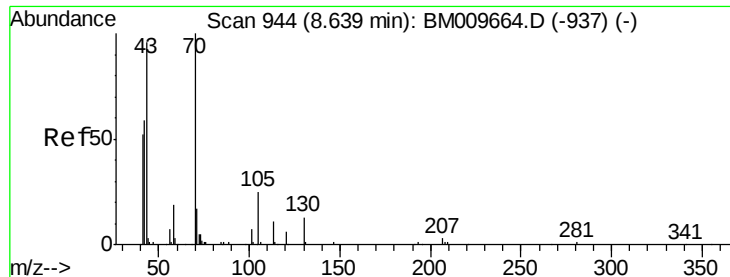


Abundance Ion 128.00 (127.70 to 128.70): BM009664.D (-726) (-)

Ion 64.00 (63.70 to 64.70): BM009664.D (-726) (-)

Ion 130.00 (129.70 to 130.70): BM009664.D (-726) (-)

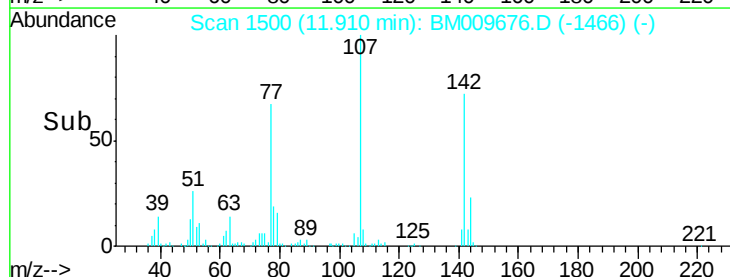
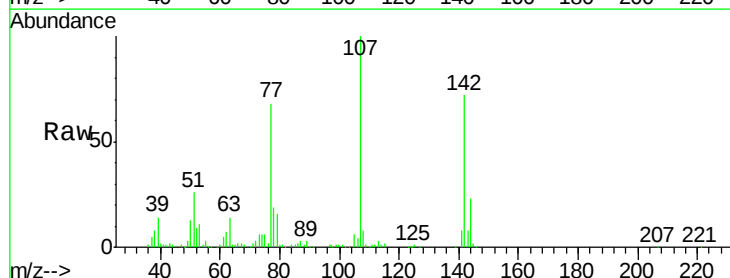
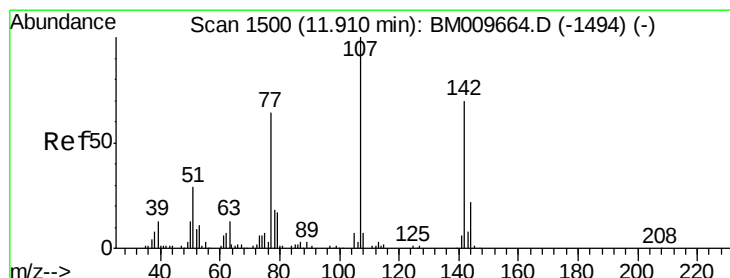
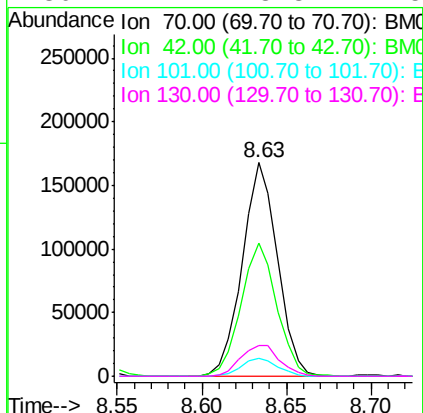




#15
N-Nitroso-di-n-propylamine
Concen: 21.27 ng/ul
RT: 8.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM009676.D
Acq: 19 Apr 2017 19:27

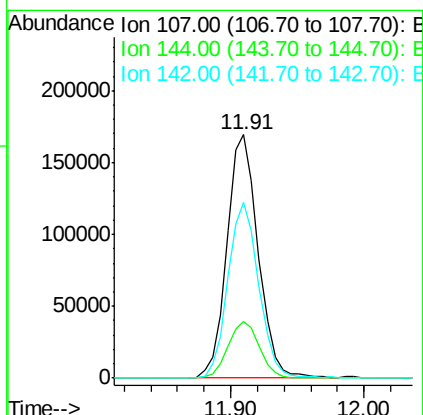
Instrument :
BNA_M
ClientSampleId :
YAB58MS

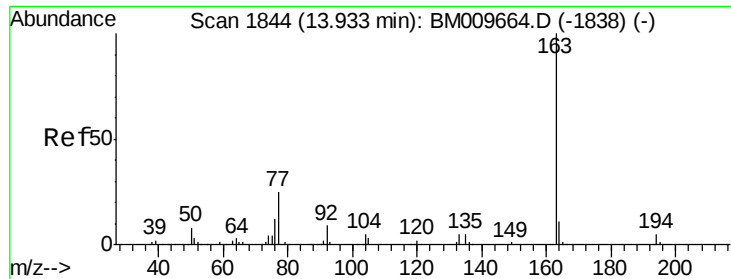
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.2	64.2	96.2#
101	8.3	5.1	7.7#
130	14.1	8.3	12.5#



#33
4-Chloro-3-methylphenol
Concen: 23.10 ng/ul
RT: 11.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BM009676.D
Acq: 19 Apr 2017 19:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	14.4	21.6#
142	72.2	50.7	76.1

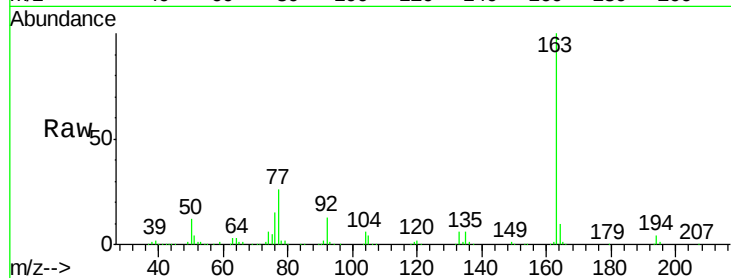




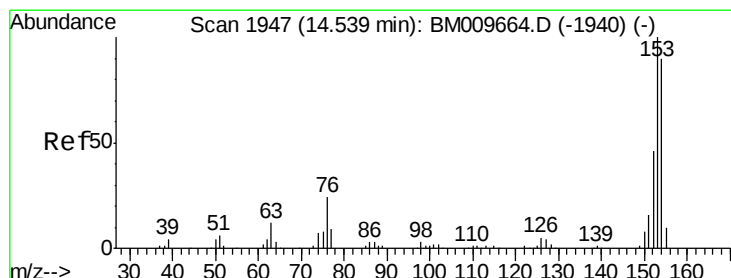
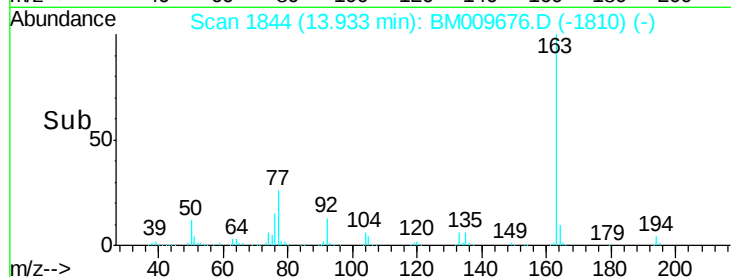
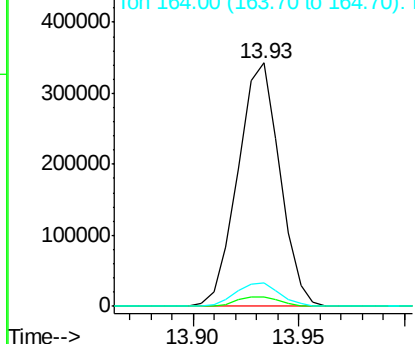
#44
Dimethylphthalate
Concen: 15.44 ng/ul
RT: 13.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM009676.D
Acq: 19 Apr 2017 19:27

Instrument :
BNA_M
ClientSampleId :
YAB58MS

Tgt Ion:163 Resp: 471175
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.6 8.6 12.8

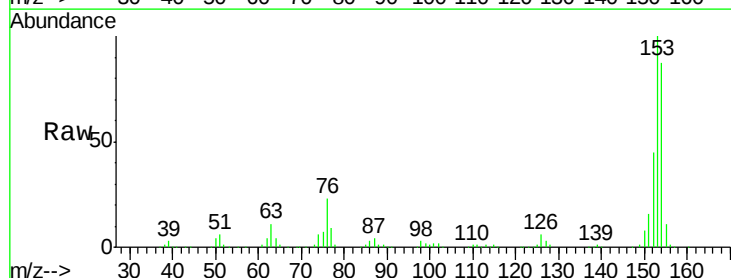


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

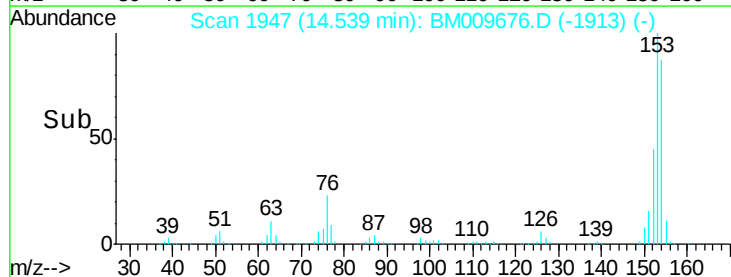
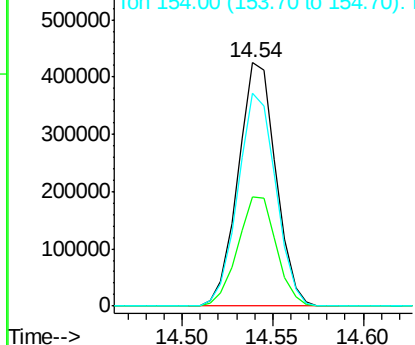


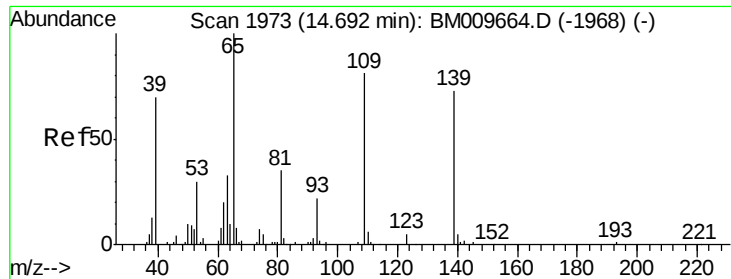
#49
Acenaphthene
Concen: 23.72 ng/ul
RT: 14.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM009676.D
Acq: 19 Apr 2017 19:27

Tgt Ion:153 Resp: 615261
Ion Ratio Lower Upper
153 100
152 44.7 36.7 55.1
154 87.5 68.3 102.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

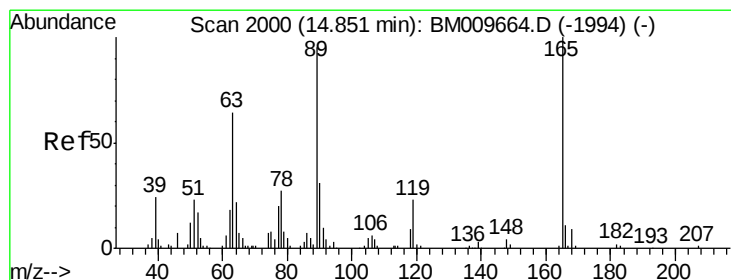
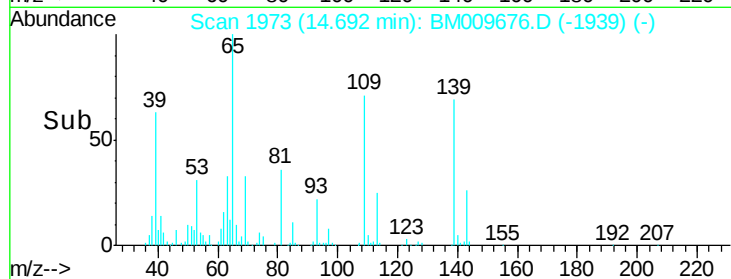
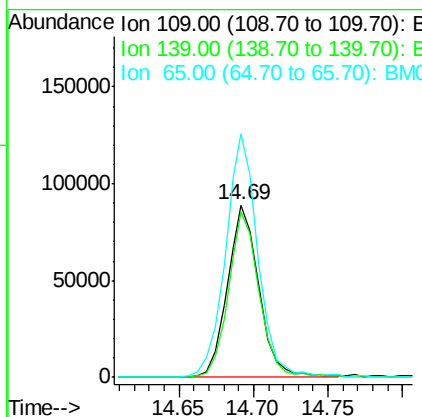
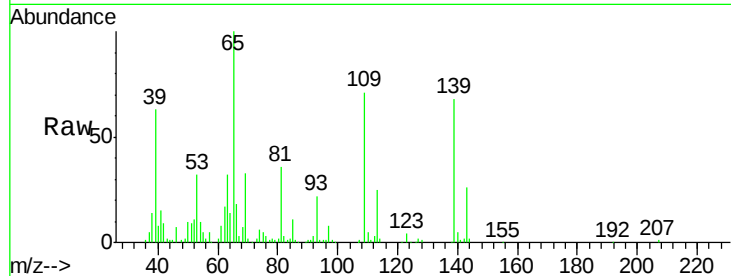




#52
4-Nitrophenol
Concen: 20.67 ng/ul
RT: 14.69 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BM009676.D
Acq: 19 Apr 2017 19:27

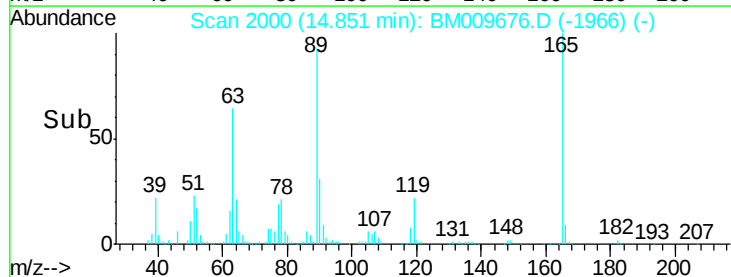
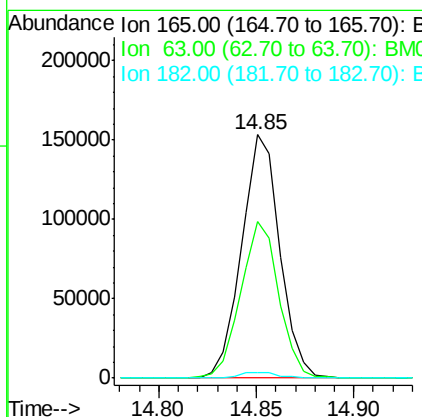
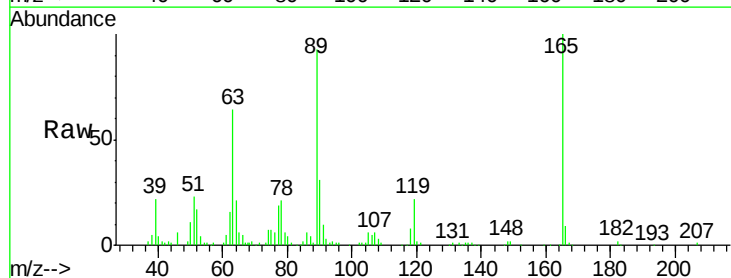
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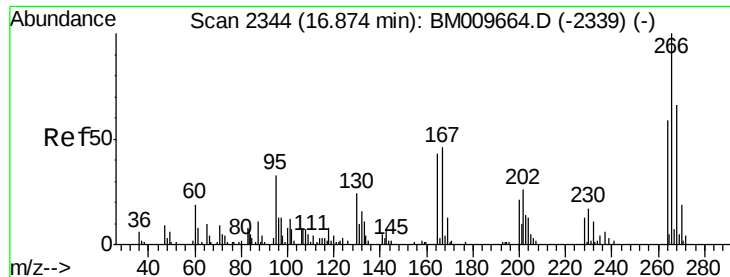
Tgt Ion:109 Resp: 131447
Ion Ratio Lower Upper
109 100
139 95.9 33.9 50.9#
65 141.1 92.2 138.2#



#54
2,4-Dinitrotoluene
Concen: 23.06 ng/ul
RT: 14.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BM009676.D
Acq: 19 Apr 2017 19:27

Tgt Ion:165 Resp: 208155
Ion Ratio Lower Upper
165 100
63 64.3 75.7 113.5#
182 2.3 1.7 2.5

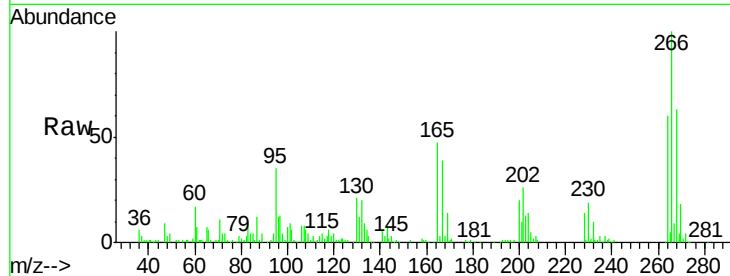




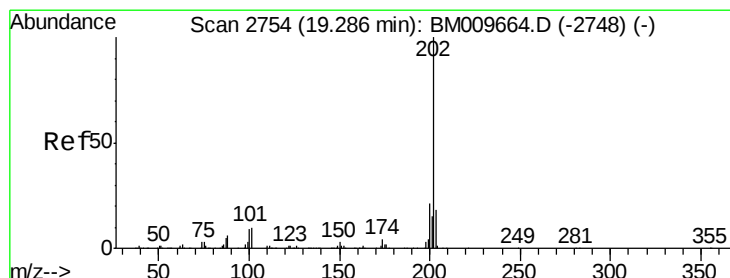
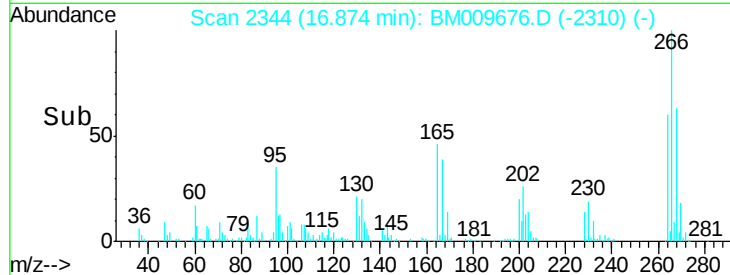
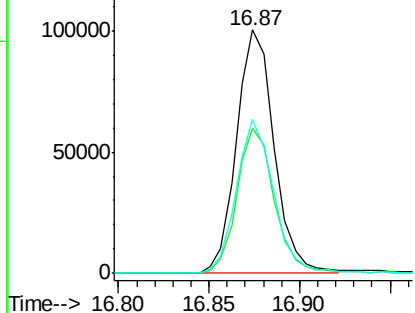
#68
 Pentachlorophenol
 Concen: 21.96 ng/ul
 RT: 16.87 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BM009676.D
 Acq: 19 Apr 2017 19:27

Instrument :
 BNA_M
 ClientSampleId :
 YAB58MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	145198		
264	59.8		54.8	82.2
268	63.1		62.1	93.1

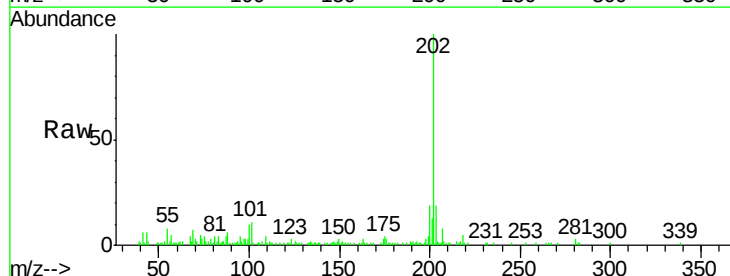


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

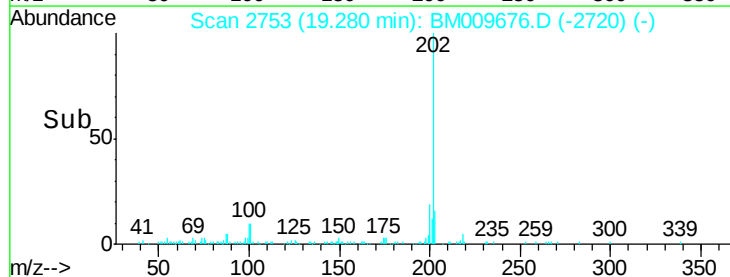
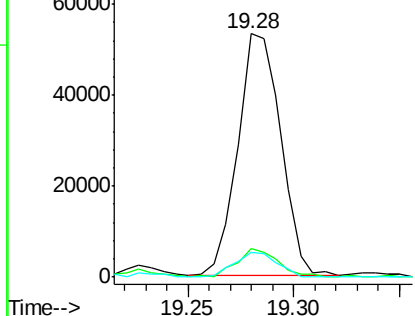


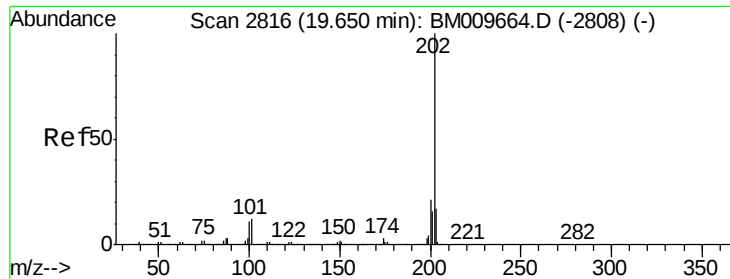
#74
 Fluoranthene
 Concen: 1.27 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BM009676.D
 Acq: 19 Apr 2017 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	75089		
101	11.5		5.7	8.5#
100	10.0		4.6	7.0#



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





#77

Pyrene

Concen: 27.83 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM009676.D

Acq: 19 Apr 2017 19:27

Instrument :

BNA_M

ClientSampleId :

YAB58MS

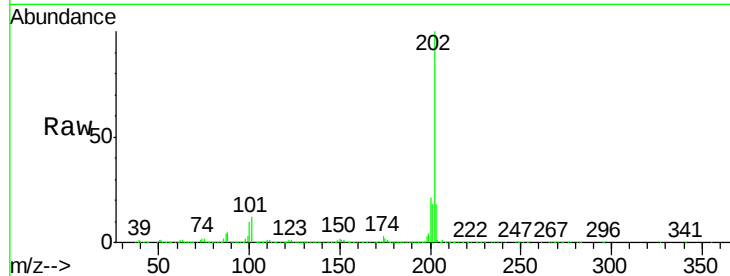
Tgt Ion:202 Resp: 1659336

Ion Ratio Lower Upper

202 100

101 12.2 6.2 9.4#

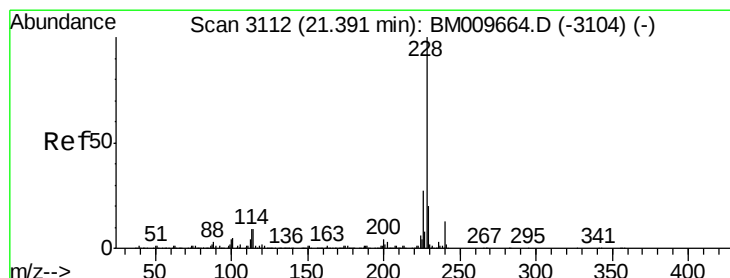
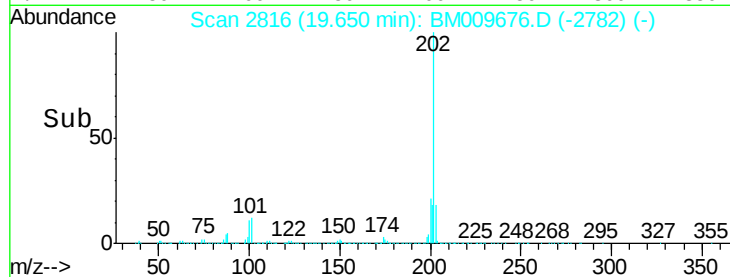
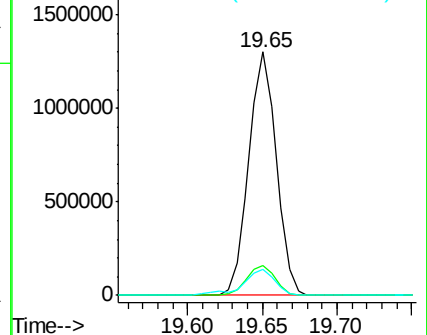
100 10.5 6.4 9.6#



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



#80

Benzo(a)anthracene

Concen: 1.07 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BM009676.D

Acq: 19 Apr 2017 19:27

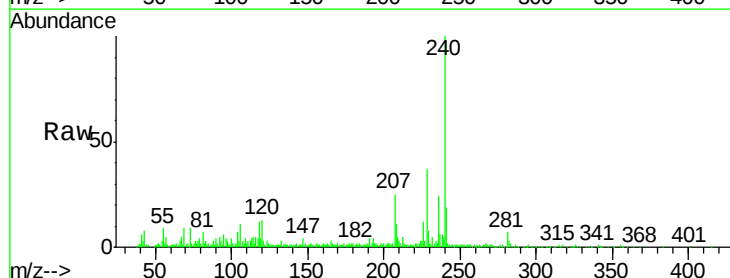
Tgt Ion:228 Resp: 65628

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.2

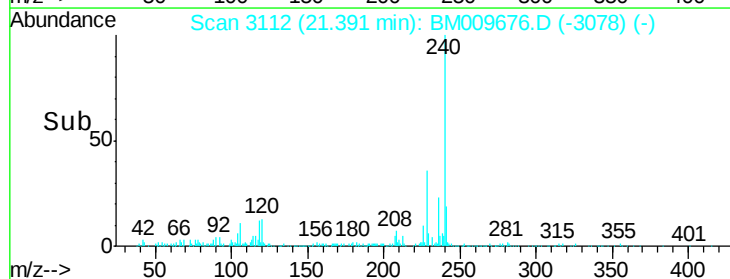
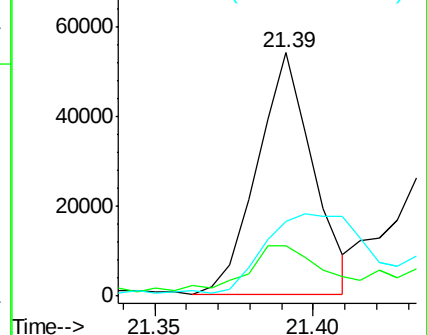
226 30.8 21.2 31.8

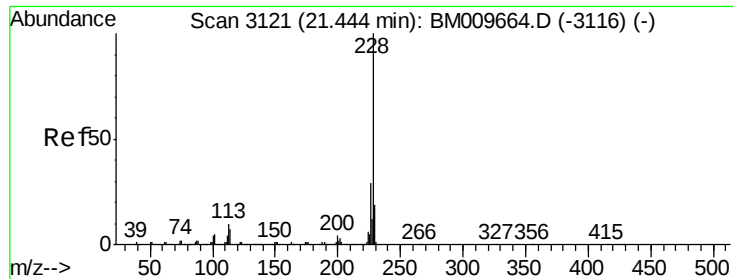


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.25 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. 0.00 min

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YAB58MS

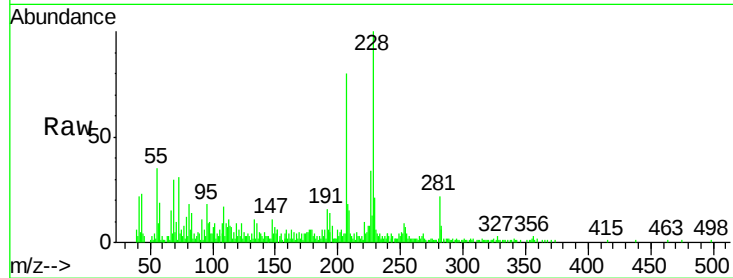
Tgt Ion:228 Resp: 69310

Ion Ratio Lower Upper

228 100

226 34.4 23.9 35.9

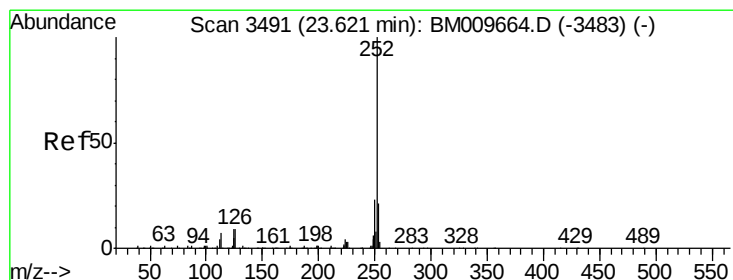
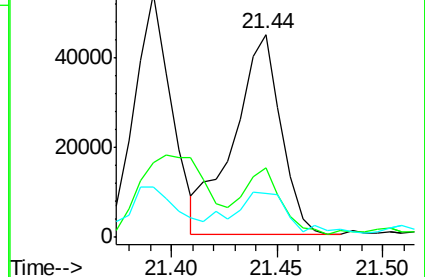
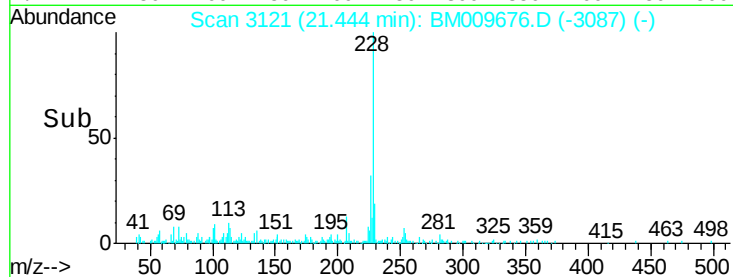
229 21.5 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(a)pyrene

Concen: 1.25 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BM009676.D

Acq: 19 Apr 2017 19:27

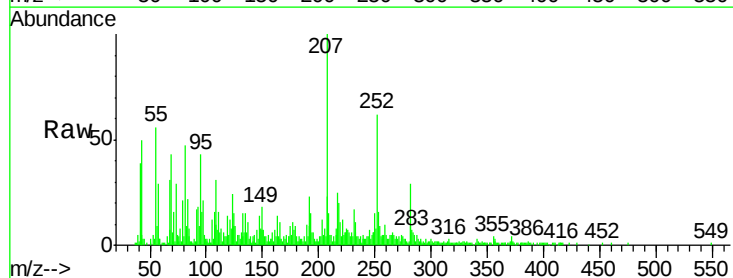
Tgt Ion:252 Resp: 76314

Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.0

125 24.1 3.7 5.5#



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

