

Data File : BM010533.D
Acq On : 12 Jun 2017 13:54
Operator : SJ/MA
Sample : I3571-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 13 02:17:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 02:16:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	129312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	474771	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	332143	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	851560	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1265804	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1326902	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	17946	5.69	ng/uL	0.00
5) Phenol-d5	7.07	99	274028	27.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	147095	26.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	236975	30.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	231970	29.34	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	103717	29.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	140447	34.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	303639	36.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	260770	32.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	998697	36.19	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1070951	33.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	124039	30.04	ng/ul	0.00
57) Fluorene-d10	15.52	176	864465	35.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	172765	28.64	ng/ul	0.00
70) Anthracene-d10	17.37	188	1478483	35.68	ng/ul	0.00
76) Pyrene-d10	19.66	212	1943414	37.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	2160478	34.97	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.10	94	300784	29.94	ng/ul	89
10) 2-Chlorophenol	7.46	128	229175	29.24	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.69	70	201177	31.20	ng/ul#	80
21) Isophorone	9.79	82	19703	1.29	ng/ul#	74
28) Naphthalene	10.75	128	66949	2.81	ng/ul	95
33) 4-Chloro-3-methylphenol	11.99	107	285550	36.59	ng/ul	98
44) Dimethylphthalate	13.99	163	199607	7.35	ng/ul	99
49) Acenaphthene	14.59	153	759710	34.43	ng/ul	99
52) 4-Nitrophenol	14.78	109	218307	38.58	ng/ul#	77
54) 2,4-Dinitrotoluene	14.91	165	275133	37.66	ng/ul#	98
68) Pentachlorophenol	16.92	266	231295	33.12	ng/ul	94
69) Phenanthrene	17.32	178	69998	1.54	ng/ul	97
71) Anthracene	17.32	178	70276	1.48	ng/ul	95
74) Fluoranthene	19.33	202	62267	1.11	ng/ul#	96
77) Pyrene	19.69	202	2478234	37.99	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.31	149	43254	1.29	ng/ul	95

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

Data File : BM010533.D

Acq On : 12 Jun 2017 13:54

Operator : SJ/MA

Sample : I3571-03MSD

Misc :

ALS Vial : 8 Sample Multiplier: 1

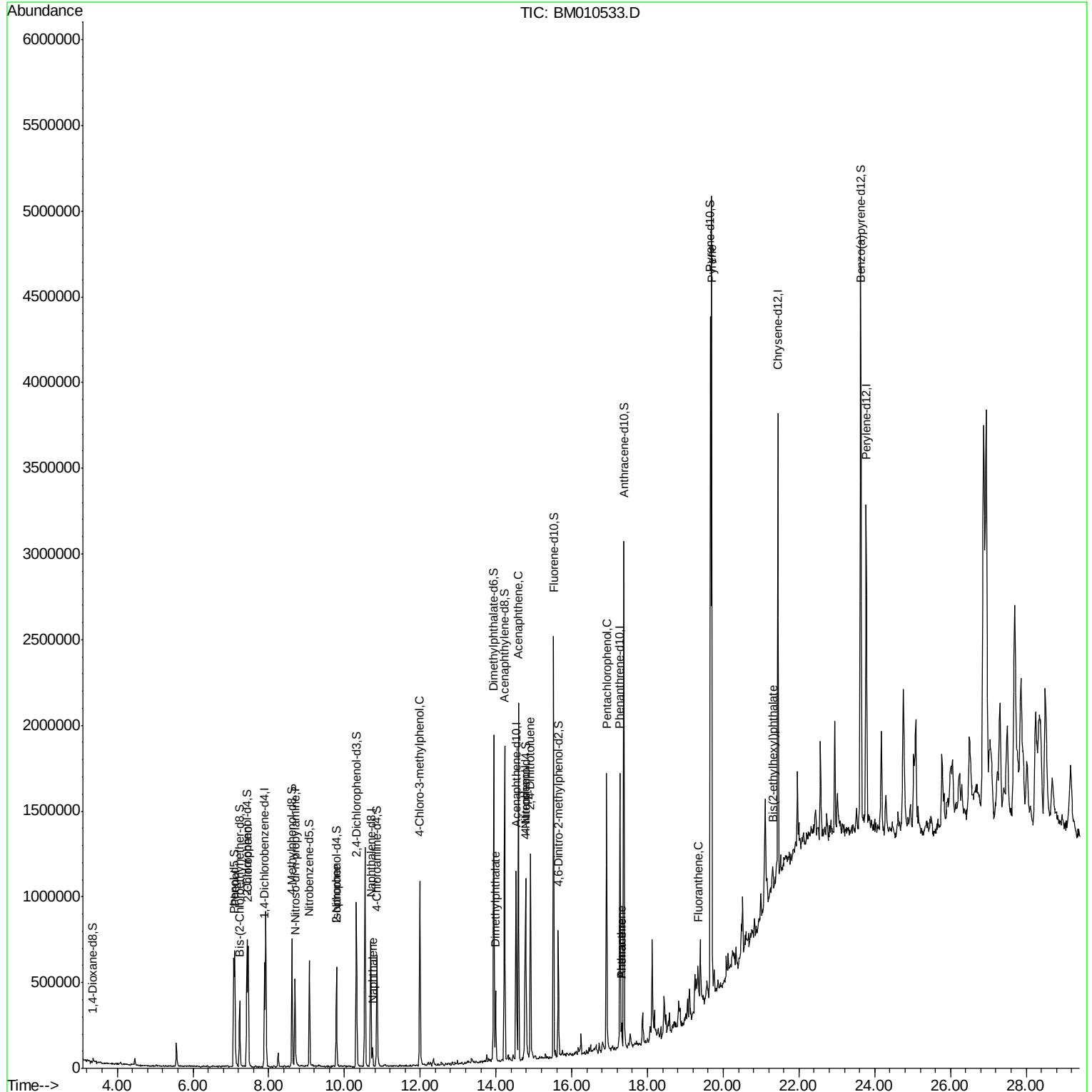
Quant Time: Jun 13 02:17:04 2017

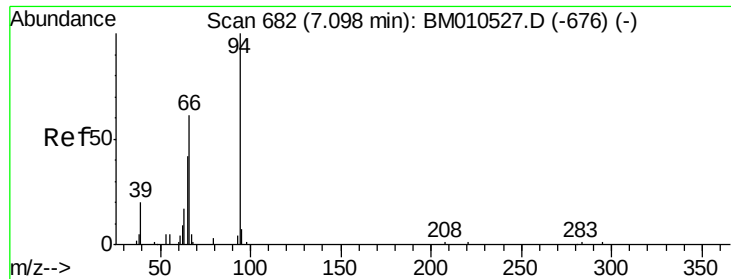
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 13 02:16:10 2017

Response via : Initial Calibration





#6

Phenol

Concen: 29.94 ng/ul

RT: 7.10 min Scan# 683

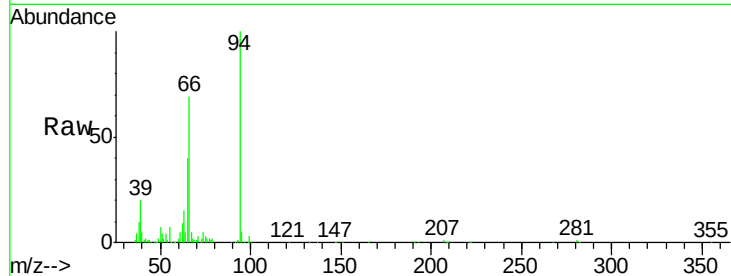
Delta R.T. 0.01 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

Tgt Ion: 94 Resp: 300784

Ion	Ratio	Lower	Upper
94	100		
65	39.8	28.2	42.4
66	68.7	47.2	70.8

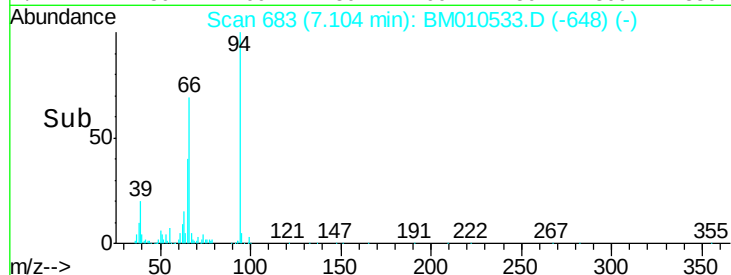


Abundance

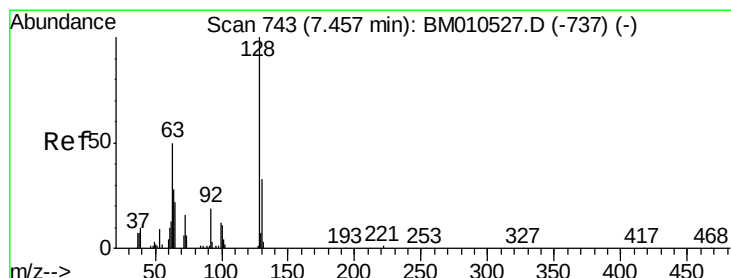
Ion 94.00 (93.70 to 94.70): BM010527.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BM010527.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BM010527.D (-676) (-)



Time-->



#10

2-Chlorophenol

Concen: 29.24 ng/ul

RT: 7.46 min Scan# 743

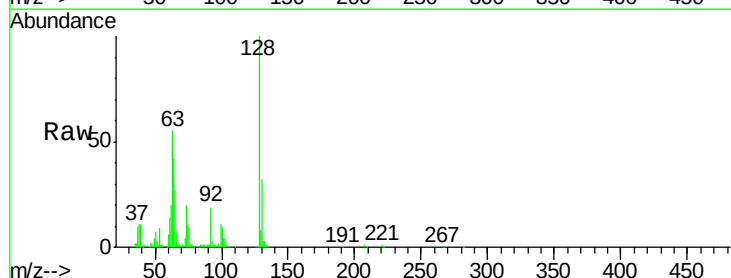
Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

Tgt Ion: 128 Resp: 229175

Ion	Ratio	Lower	Upper
128	100		
64	42.0	38.0	57.0
130	32.2	24.4	36.6

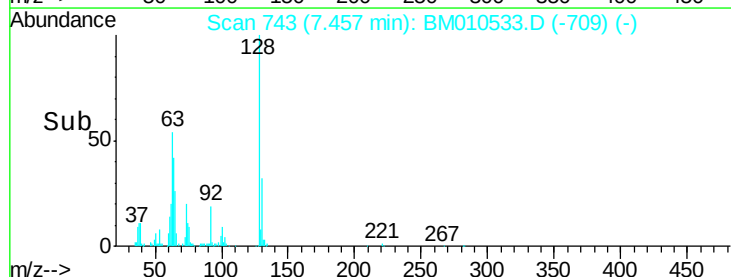


Abundance

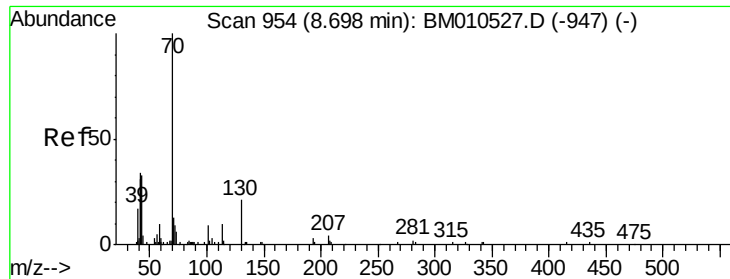
Ion 128.00 (127.70 to 128.70): BM010527.D (-737) (-)

Ion 64.00 (63.70 to 64.70): BM010527.D (-737) (-)

Ion 130.00 (129.70 to 130.70): BM010527.D (-737) (-)

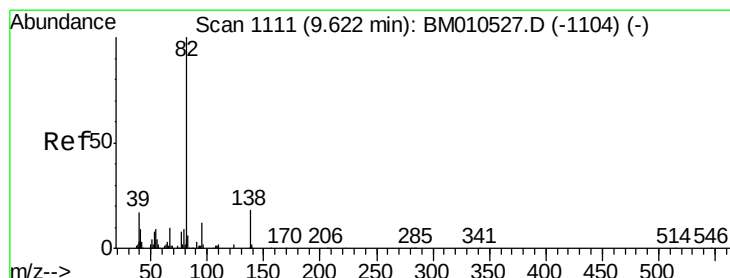
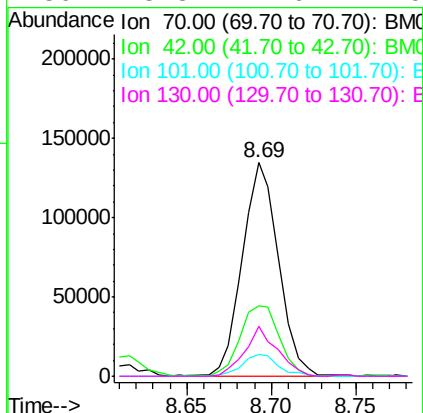
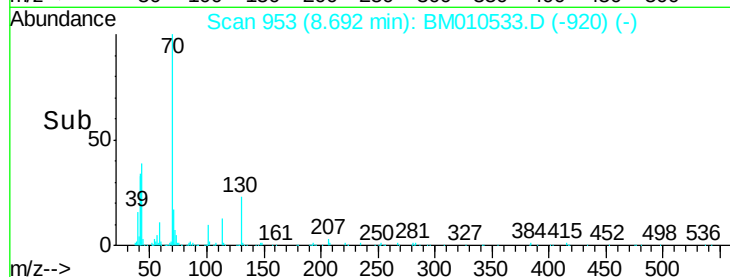
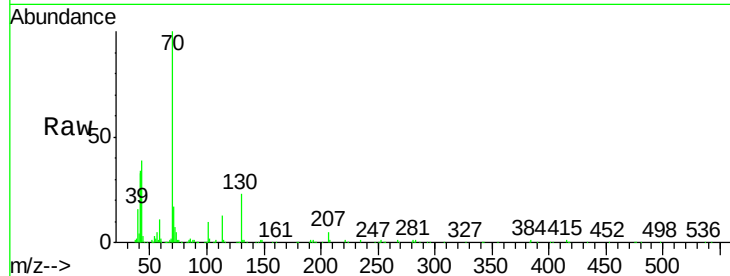


Time-->



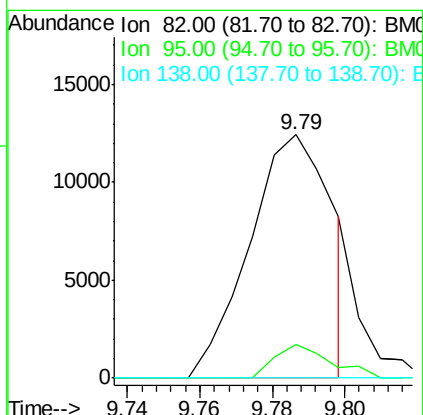
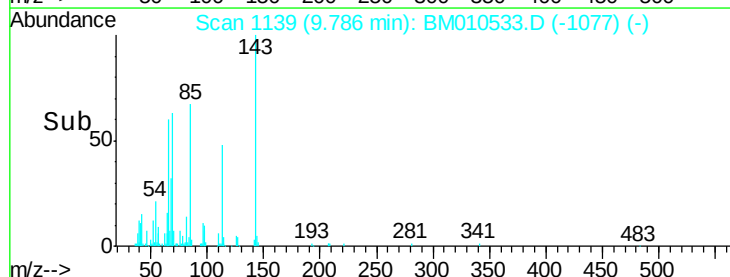
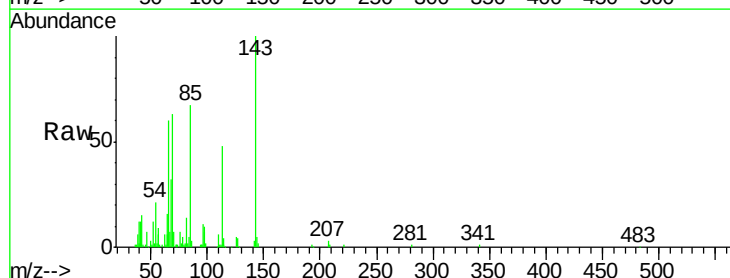
#15
N-Nitroso-di-n-propylamine
Concen: 31.20 ng/ul
RT: 8.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

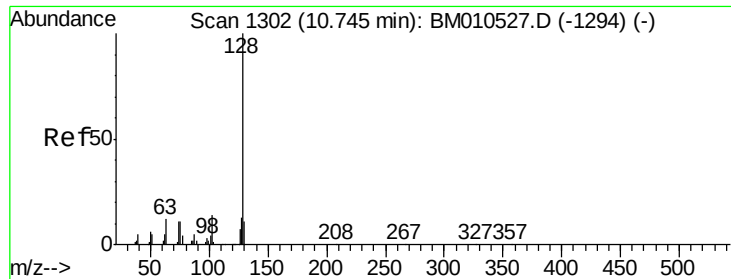
Tgt Ion:	70	Resp:	201177
Ion	Ratio	Lower	Upper
70	100		
42	33.2	41.1	61.7#
101	10.0	6.7	10.1
130	23.3	14.6	22.0#



#21
Isophorone
Concen: 1.29 ng/ul
RT: 9.79 min Scan# 1139
Delta R.T. 0.16 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

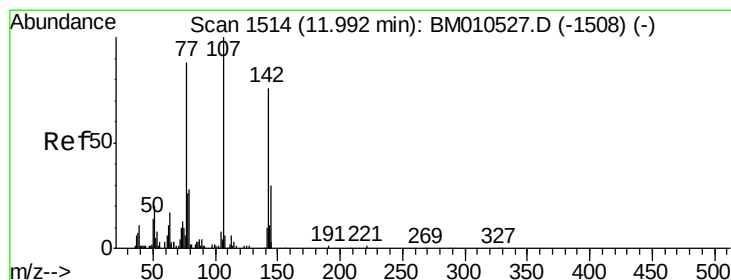
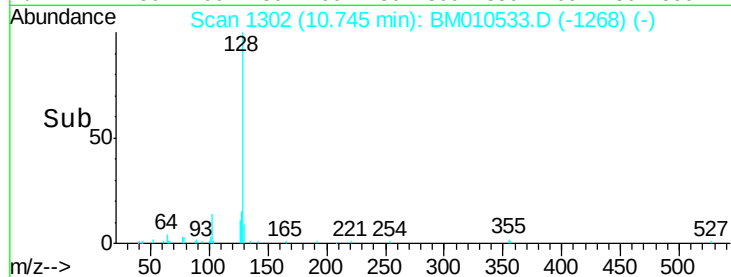
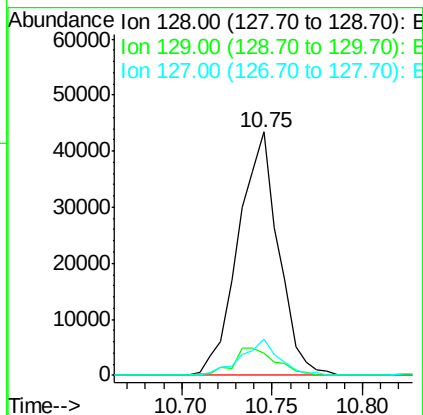
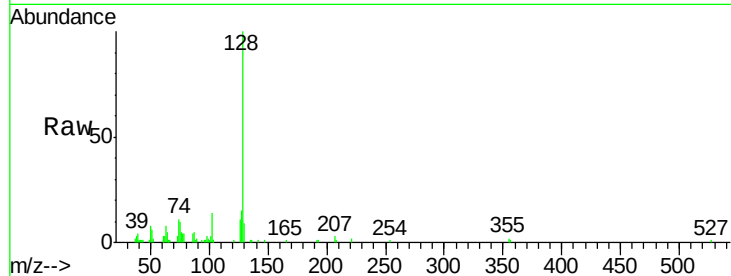
Tgt Ion:	82	Resp:	19703
Ion	Ratio	Lower	Upper
82	100		
95	13.9	7.8	11.8#
138	0.0	11.9	17.9#





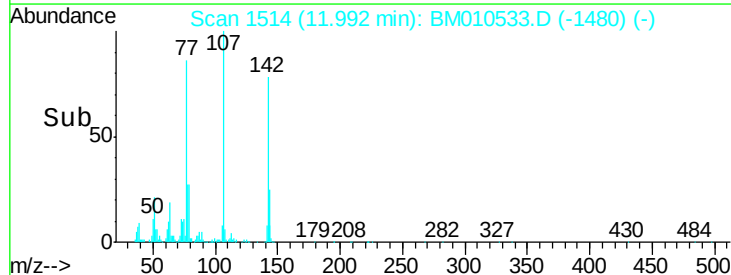
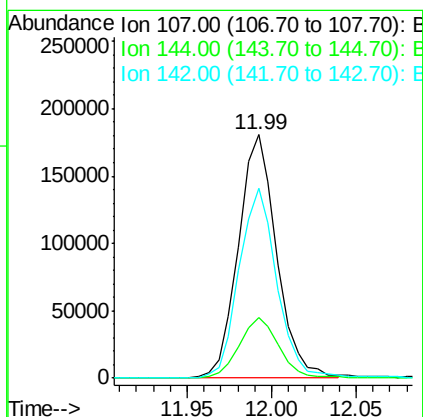
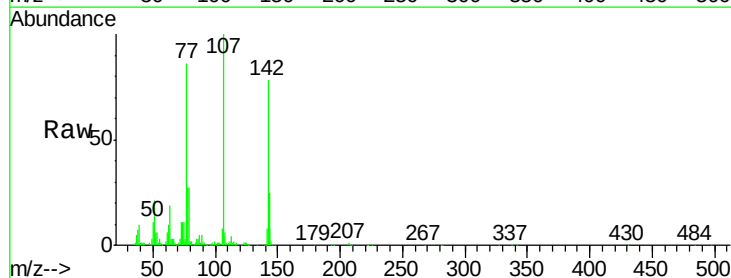
#28
Naphthalene
Concen: 2.81 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

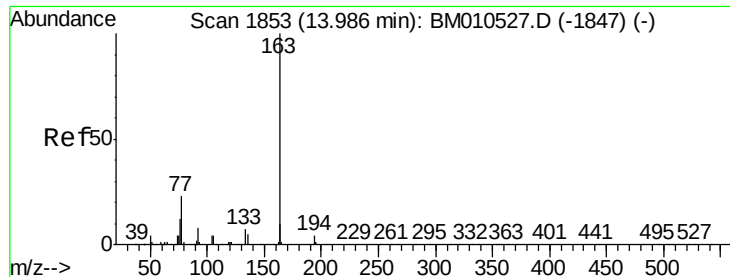
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.0	8.8	13.2
127	15.1	10.6	16.0



#33
4-Chloro-3-methylphenol
Concen: 36.59 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

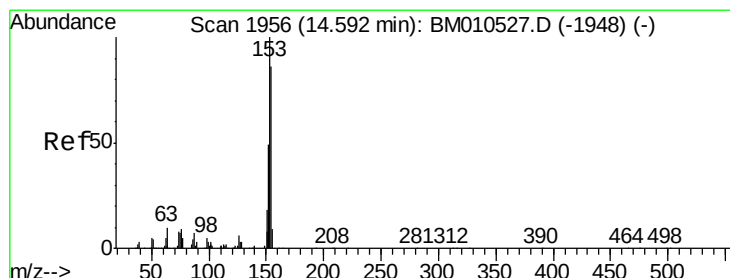
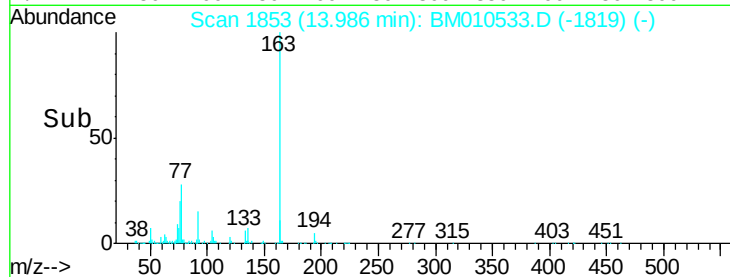
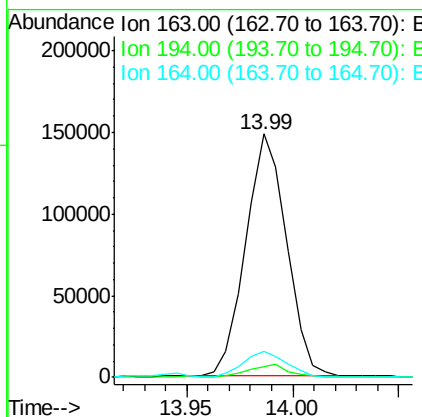
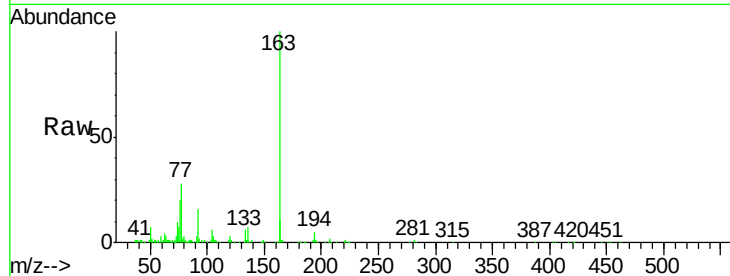
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.4	30.6
142	78.2	60.5	90.7





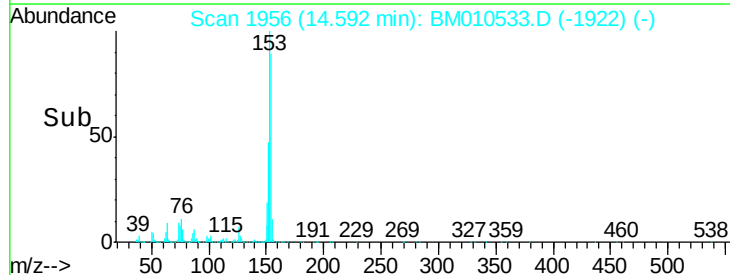
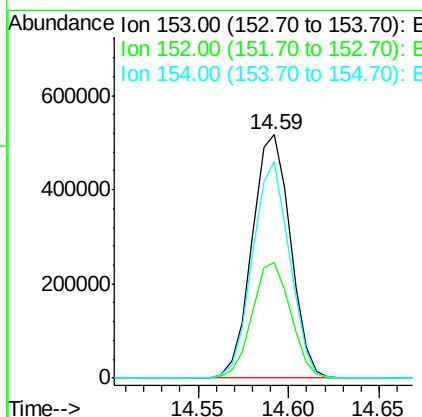
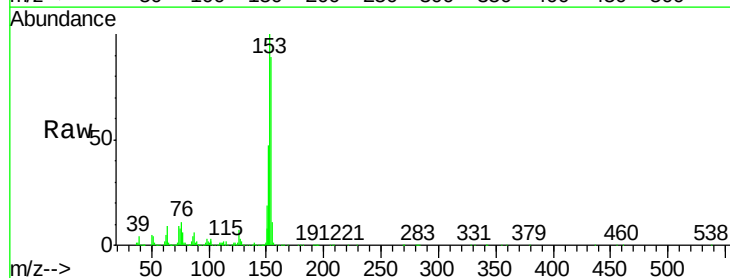
#44
Dimethylphthalate
Concen: 7.35 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

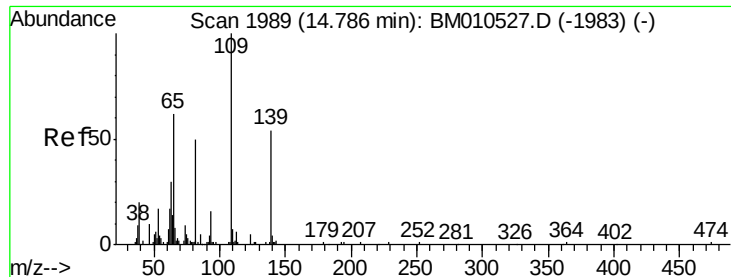
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.9	8.2	12.4



#49
Acenaphthene
Concen: 34.43 ng/ul
RT: 14.59 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.6	56.4
154	88.8	70.4	105.6





#52

4-Nitrophenol

Concen: 38.58 ng/ul

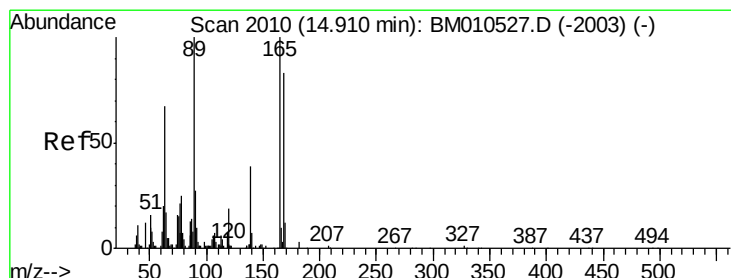
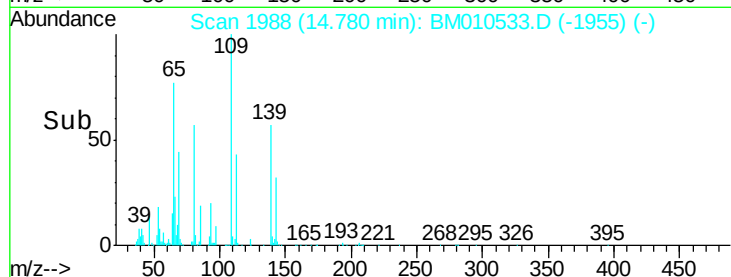
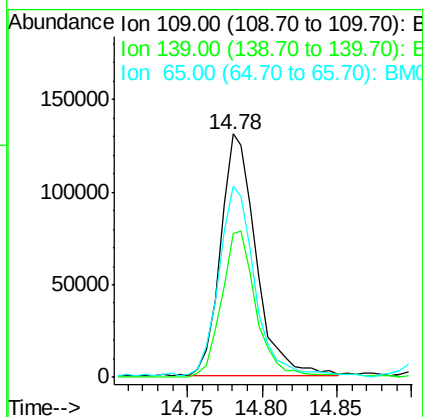
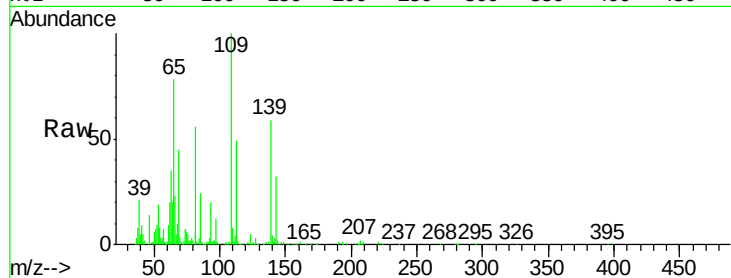
RT: 14.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

Tgt Ion:	109	Resp:	218307
Ion	Ratio	Lower	Upper
109	100		
139	58.9	66.6	100.0#
65	78.4	78.3	117.5



#54

2,4-Dinitrotoluene

Concen: 37.66 ng/ul

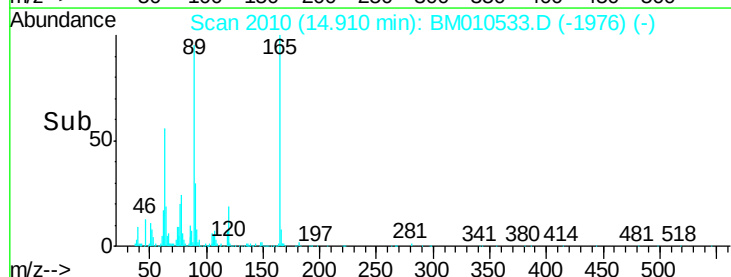
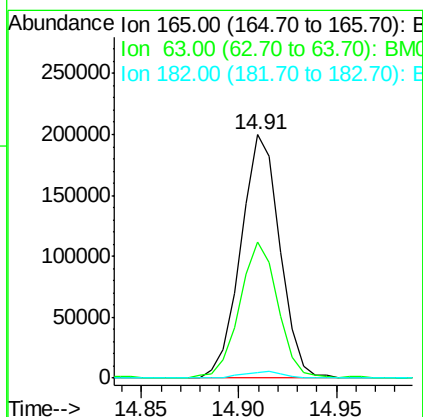
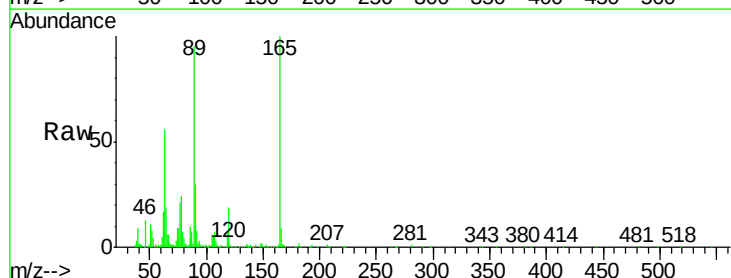
RT: 14.91 min Scan# 2010

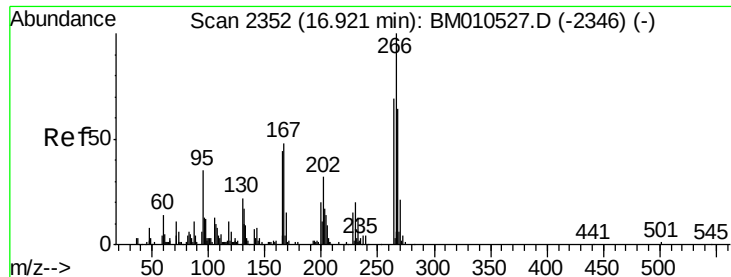
Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

Tgt Ion:	165	Resp:	275133
Ion	Ratio	Lower	Upper
165	100		
63	56.1	45.8	68.8
182	2.2	2.6	4.0#





#68

Pentachlorophenol

Concen: 33.12 ng/ul

RT: 16.92 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

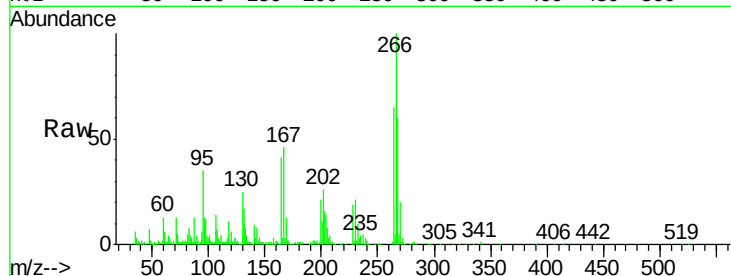
Tgt Ion:266 Resp: 231295

Ion Ratio Lower Upper

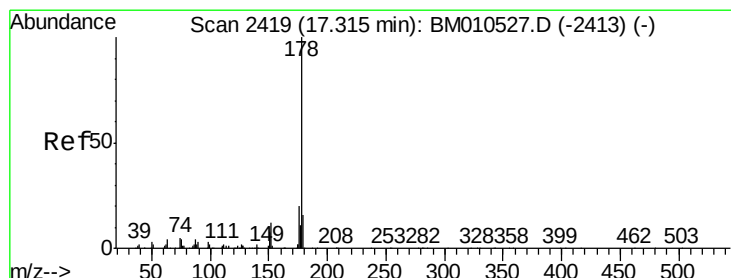
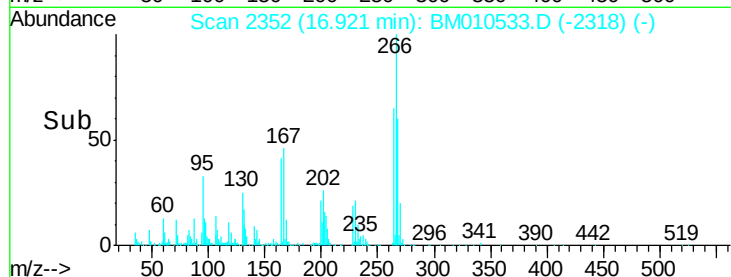
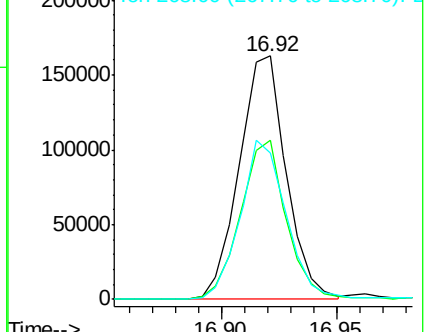
266 100

264 65.3 49.3 73.9

268 60.3 52.6 78.8



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



#69

Phenanthrene

Concen: 1.54 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

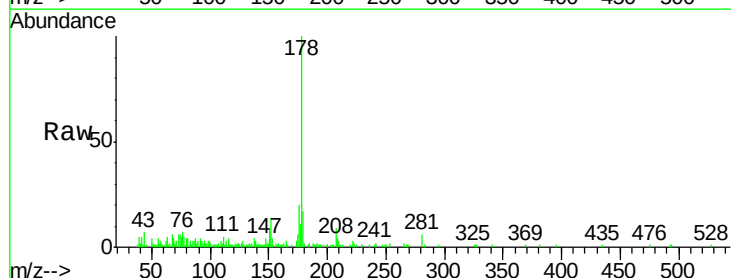
Tgt Ion:178 Resp: 69998

Ion Ratio Lower Upper

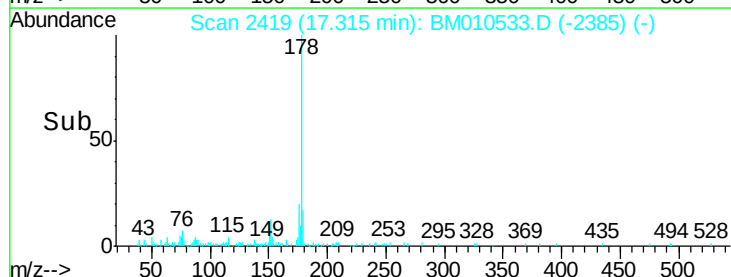
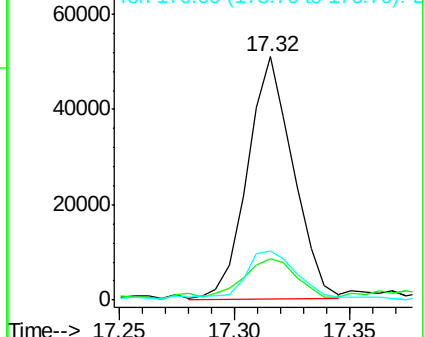
178 100

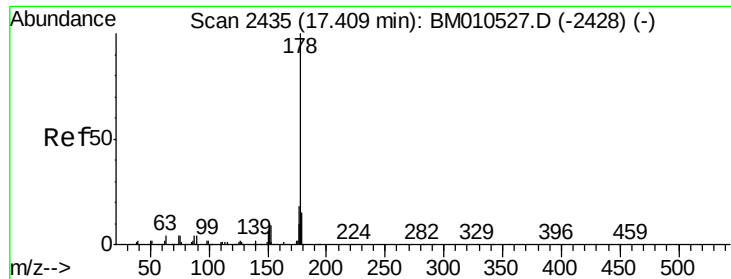
179 16.8 12.6 19.0

176 20.3 14.9 22.3



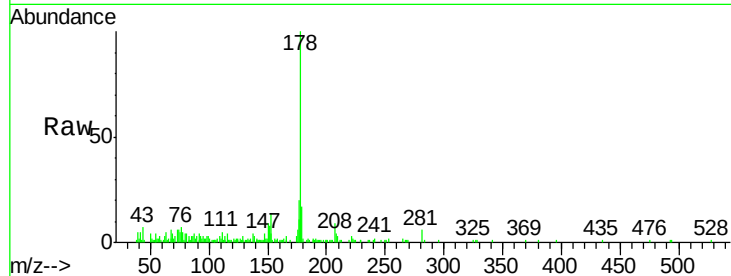
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



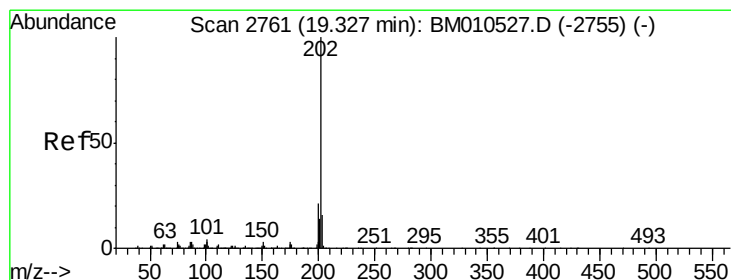
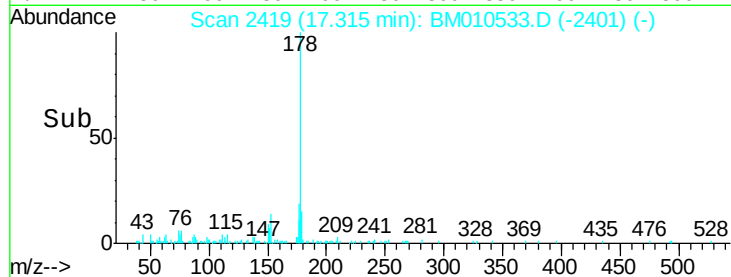
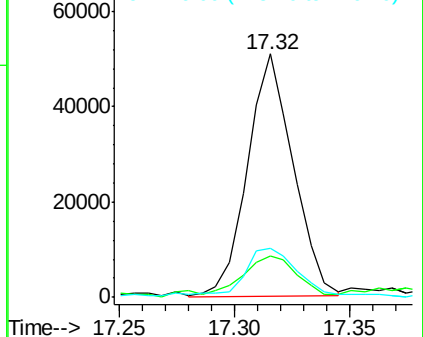


#71
 Anthracene
 Concen: 1.48 ng/ul
 RT: 17.32 min Scan# 2419
 Delta R.T. -0.09 min
 Lab File: BM010533.D
 Acq: 12 Jun 2017 13:54

Tgt Ion:178 Resp: 70276
 Ion Ratio Lower Upper
 178 100
 179 16.8 11.7 17.5
 176 20.3 14.6 21.8

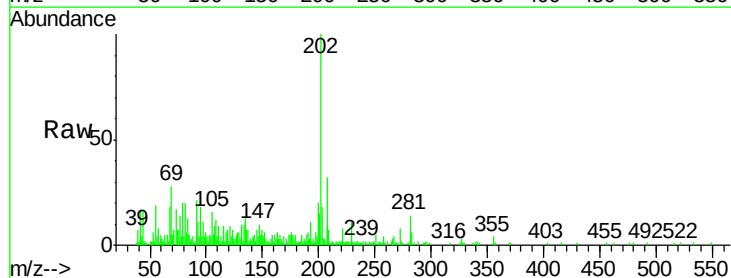


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

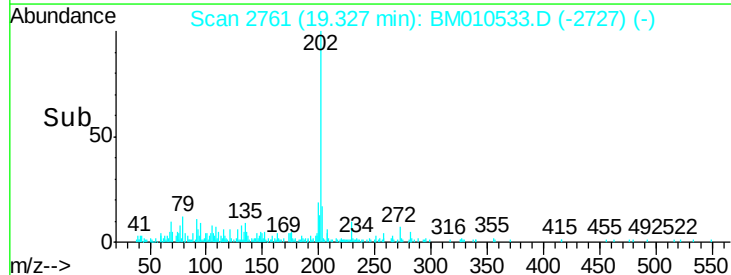
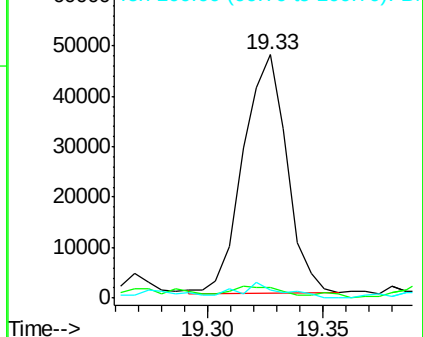


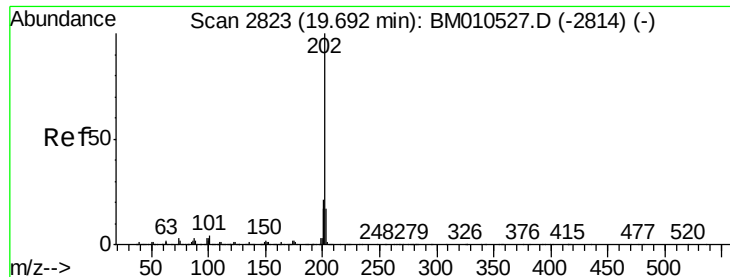
#74
 Fluoranthene
 Concen: 1.11 ng/ul
 RT: 19.33 min Scan# 2761
 Delta R.T. 0.00 min
 Lab File: BM010533.D
 Acq: 12 Jun 2017 13:54

Tgt Ion:202 Resp: 62267
 Ion Ratio Lower Upper
 202 100
 101 4.3 4.6 7.0#
 100 3.3 3.4 5.2#



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: 37.99 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

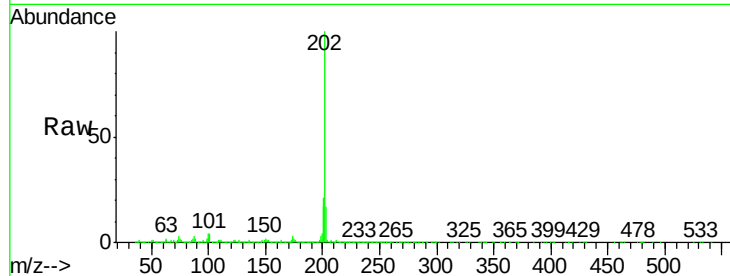
Tgt Ion: 202 Resp: 2478234

Ion Ratio Lower Upper

202 100

101 4.3 5.1 7.7#

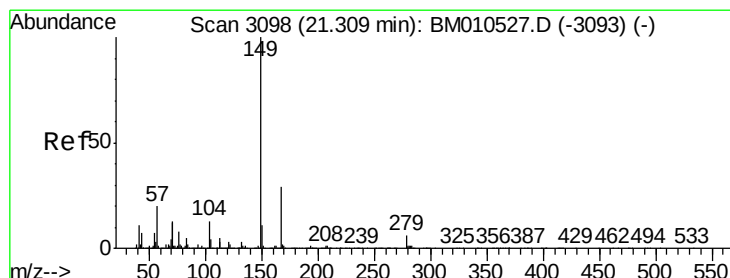
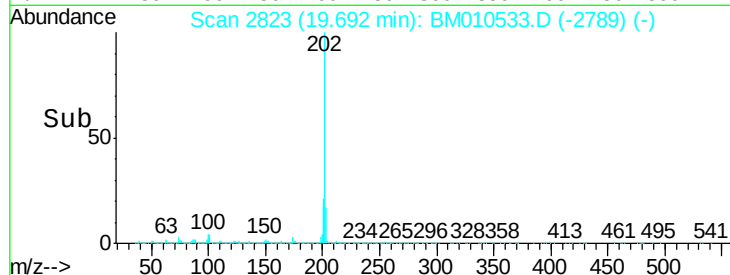
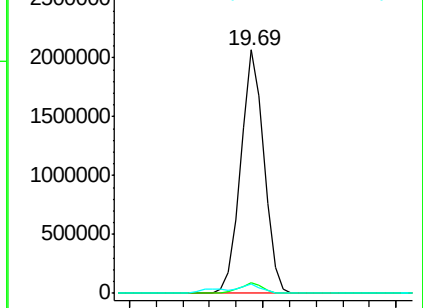
100 3.9 4.9 7.3#



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.29 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

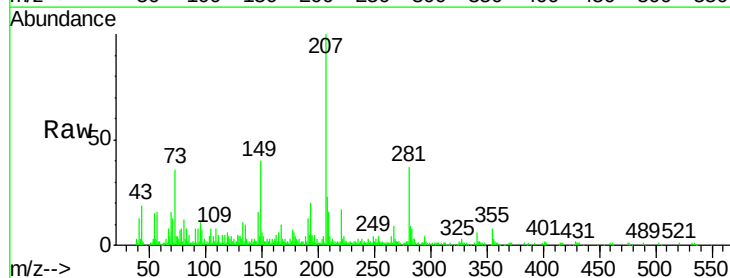
Tgt Ion: 149 Resp: 43254

Ion Ratio Lower Upper

149 100

167 25.4 22.8 34.2

279 6.0 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

