

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010533.D
 Acq On : 12 Jun 2017 13:54
 Operator : SJ/MA
 Sample : I3571-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H2TR6MSD

Quant Time: Jun 13 03:13:29 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

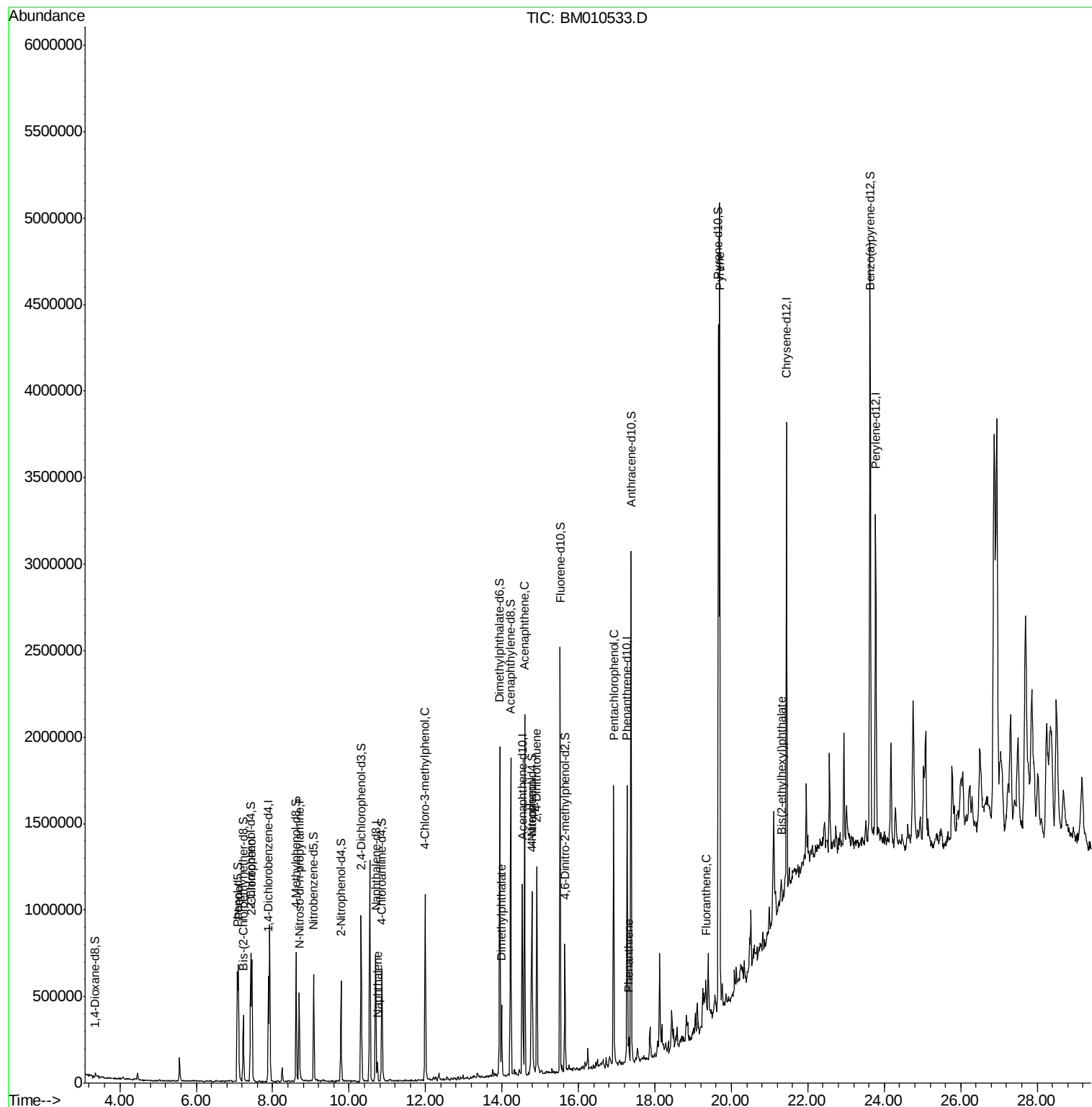
					Qvalue	
6) Phenol	7.10	94	300784	29.941	ng/ul	89
10) 2-Chlorophenol	7.46	128	229175	29.239	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.69	70	201177	31.196	ng/ul#	80
28) Naphthalene	10.75	128	66949	2.811	ng/ul	95
33) 4-Chloro-3-methylphenol	11.99	107	285550	36.586	ng/ul	98
44) Dimethylphthalate	13.99	163	199607	7.355	ng/ul	99
49) Acenaphthene	14.59	153	759710	34.433	ng/ul	99
52) 4-Nitrophenol	14.78	109	218307	38.581	ng/ul#	77
54) 2,4-Dinitrotoluene	14.91	165	275133	37.663	ng/ul#	98
68) Pentachlorophenol	16.92	266	231295	33.115	ng/ul	94
69) Phenanthrene	17.32	178	69998	1.540	ng/ul	97
74) Fluoranthene	19.33	202	62267	1.114	ng/ul#	96
77) Pyrene	19.69	202	2478234	37.994	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.31	149	43254	1.290	ng/ul	95

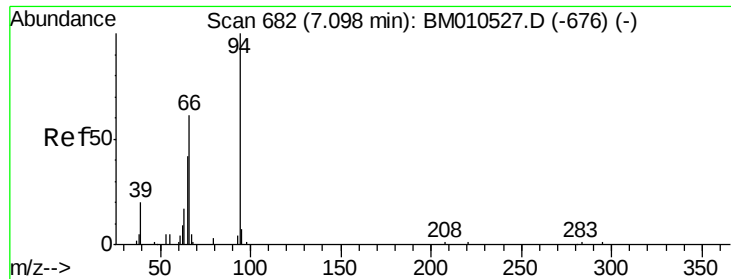
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 29.941 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

Instrument :

BNA_M

ClientSampleId :

H2TR6MSD

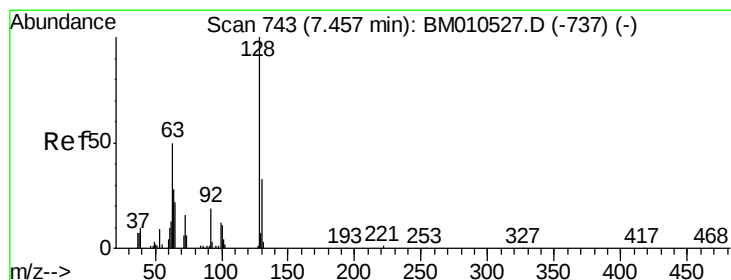
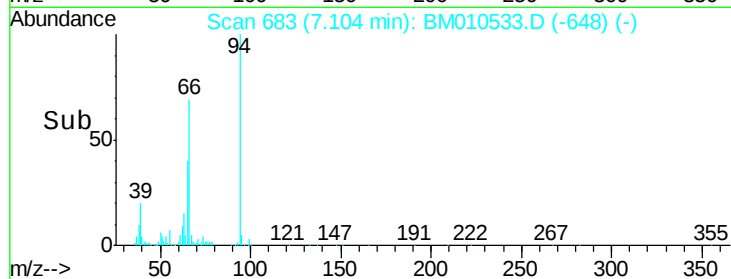
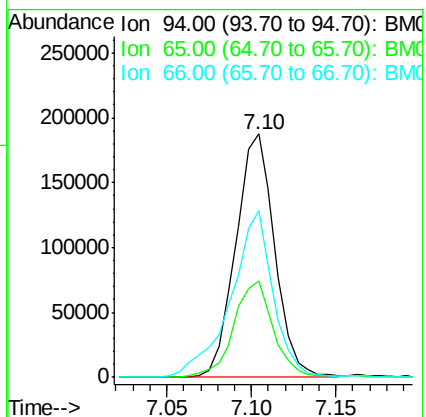
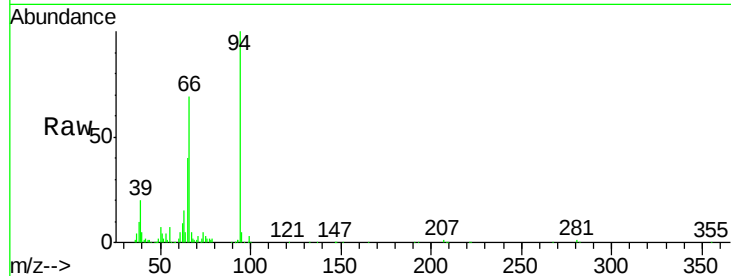
Tgt Ion: 94 Resp: 300784

Ion Ratio Lower Upper

94 100

65 39.8 28.2 42.4

66 68.7 47.2 70.8



#10

2-Chlorophenol

Concen: 29.239 ng/ul

RT: 7.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

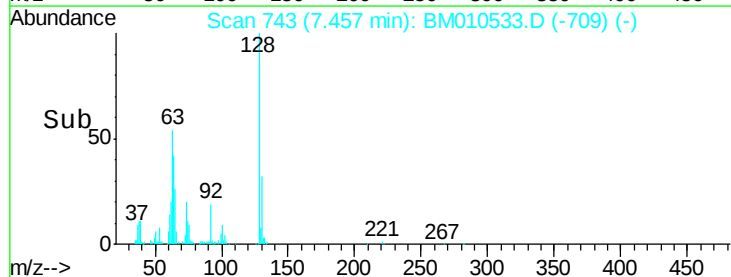
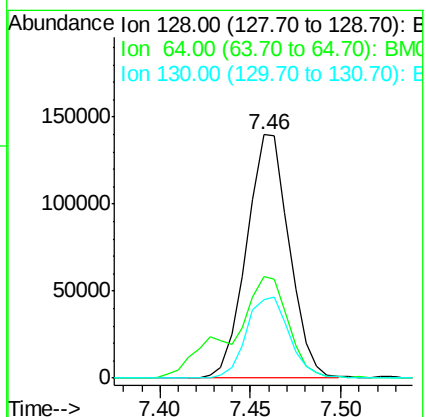
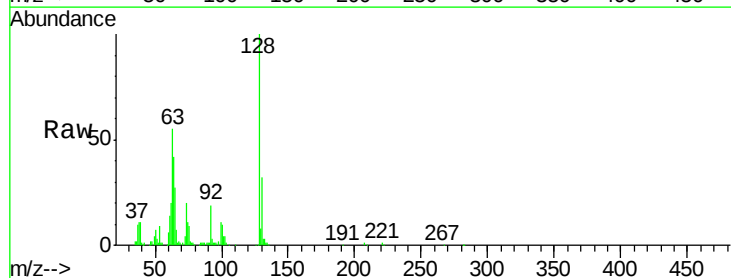
Tgt Ion: 128 Resp: 229175

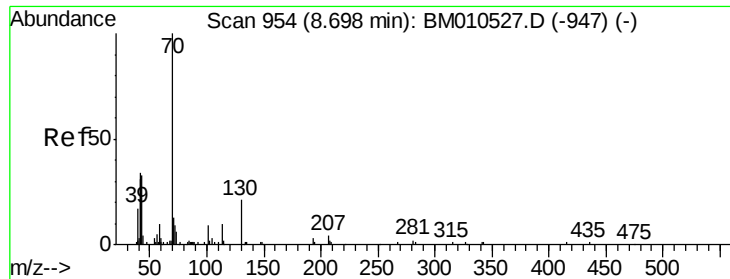
Ion Ratio Lower Upper

128 100

64 42.0 38.0 57.0

130 32.2 24.4 36.6

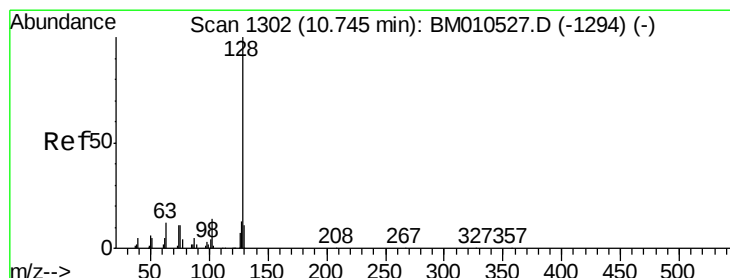
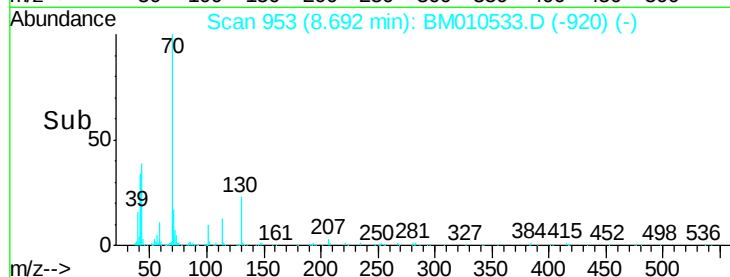
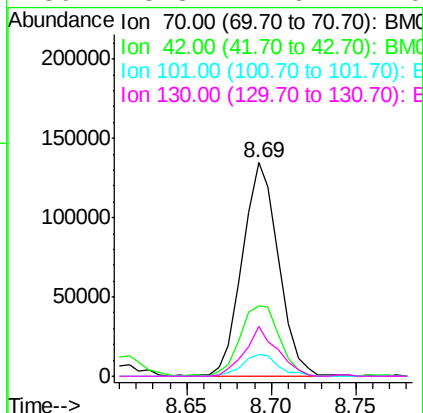
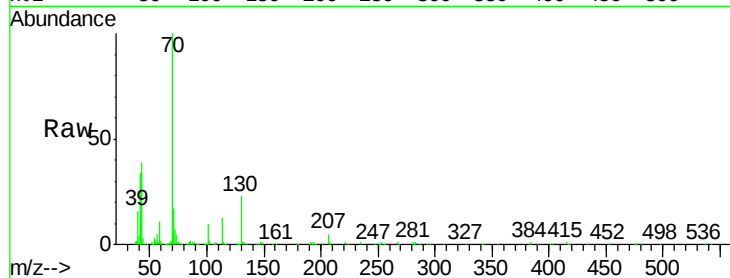




#15
N-Nitroso-di-n-propylamine
Concen: 31.196 ng/ul
RT: 8.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

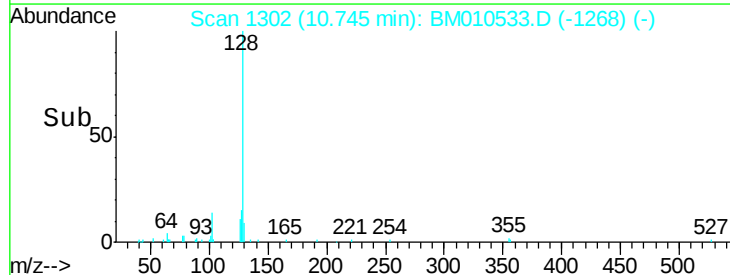
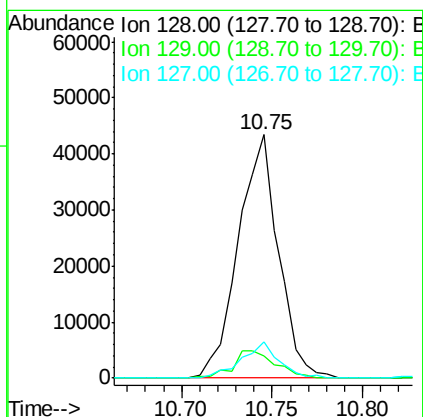
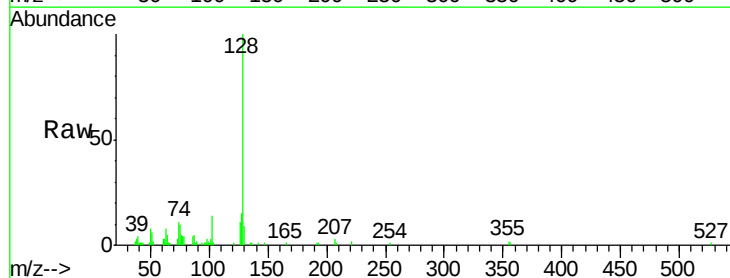
Instrument :
BNA_M
ClientSampleId :
H2TR6MSD

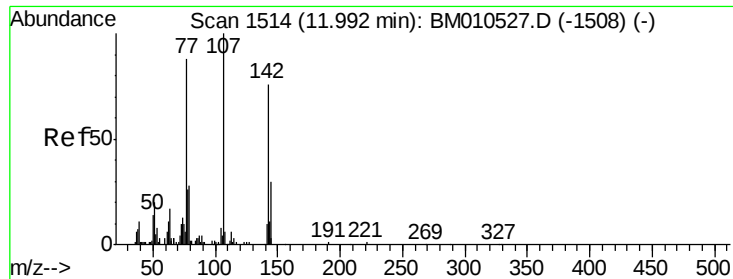
Tgt Ion:	70	Resp:	201177
Ion	Ratio	Lower	Upper
70	100		
42	33.2	41.1	61.7#
101	10.0	6.7	10.1
130	23.3	14.6	22.0#



#28
Naphthalene
Concen: 2.811 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:	128	Resp:	66949
Ion	Ratio	Lower	Upper
128	100		
129	9.0	8.8	13.2
127	15.1	10.6	16.0

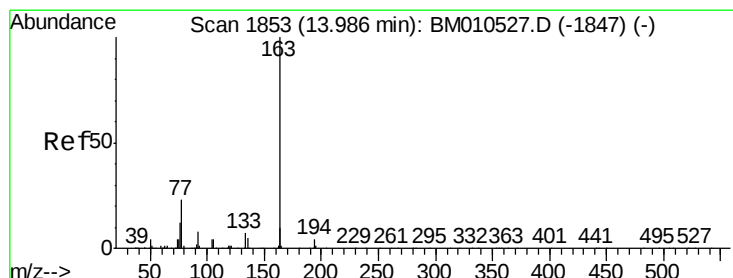
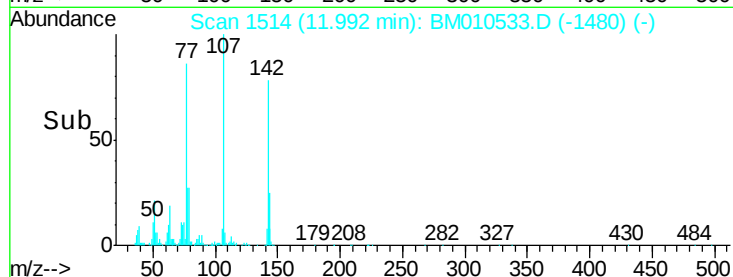
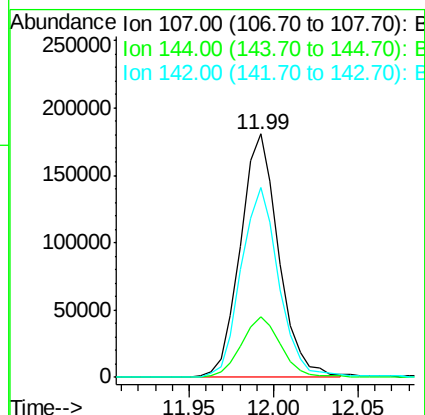
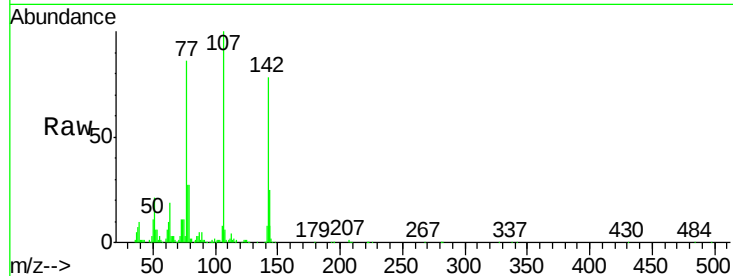




#33
4-Chloro-3-methylphenol
Concen: 36.586 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BM010533.D
Acq: 12 Jun 2017 13:54

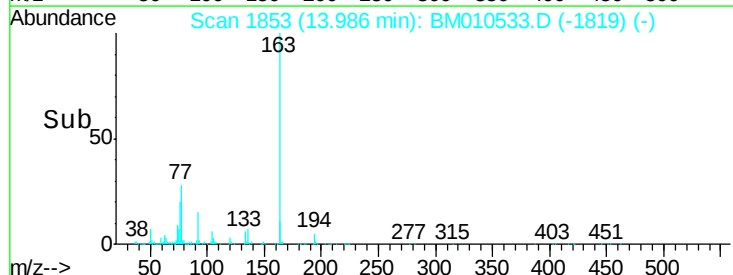
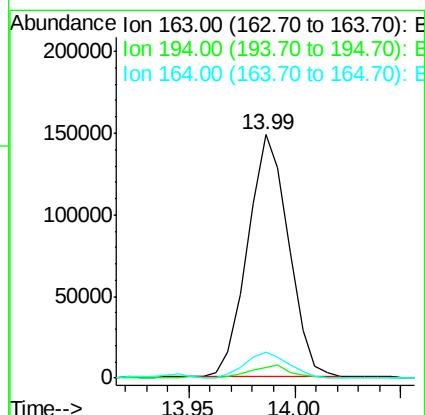
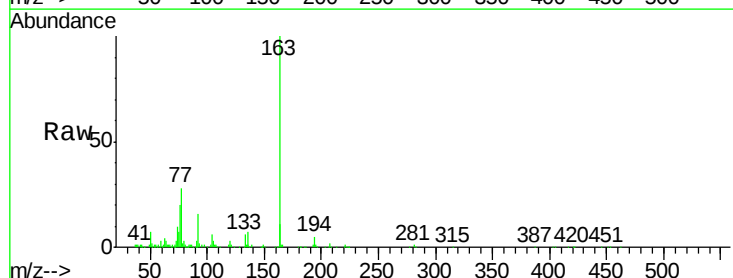
Instrument :
BNA_M
ClientSampleId :
H2TR6MSD

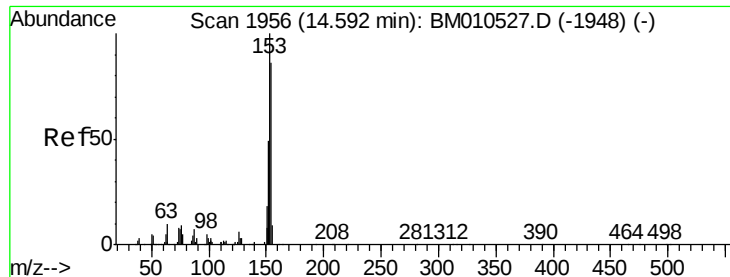
Tgt Ion:107 Resp: 285550
Ion Ratio Lower Upper
107 100
144 25.1 20.4 30.6
142 78.2 60.5 90.7



#44
Dimethylphthalate
Concen: 7.355 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:163 Resp: 199607
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.9 8.2 12.4





#49

Acenaphthene

Concen: 34.433 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

Instrument :

BNA_M

ClientSampleId :

H2TR6MSD

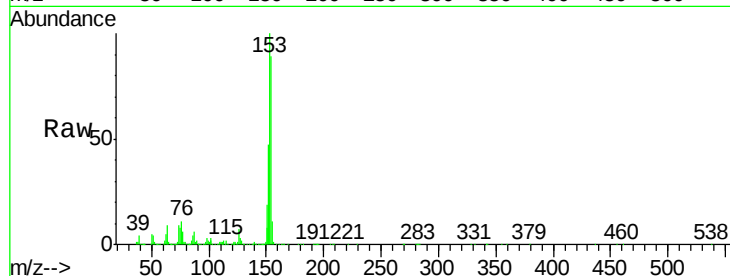
Tgt Ion:153 Resp: 759710

Ion Ratio Lower Upper

153 100

152 47.4 37.6 56.4

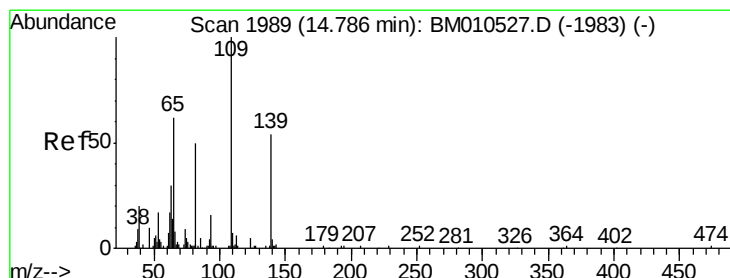
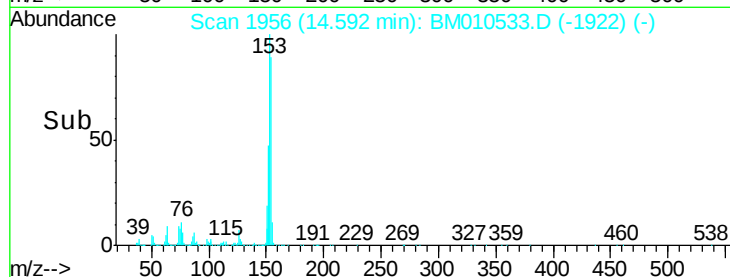
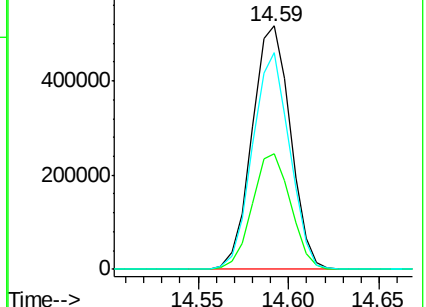
154 88.8 70.4 105.6



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: 38.581 ng/ul

RT: 14.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

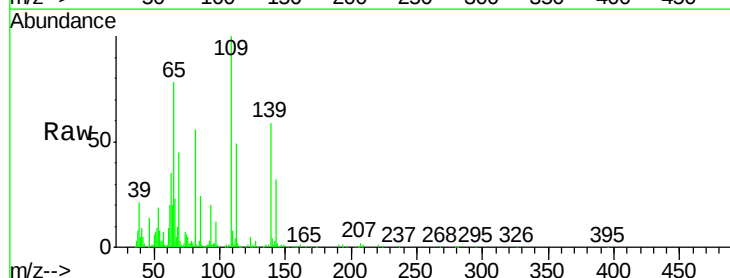
Tgt Ion:109 Resp: 218307

Ion Ratio Lower Upper

109 100

139 58.9 66.6 100.0#

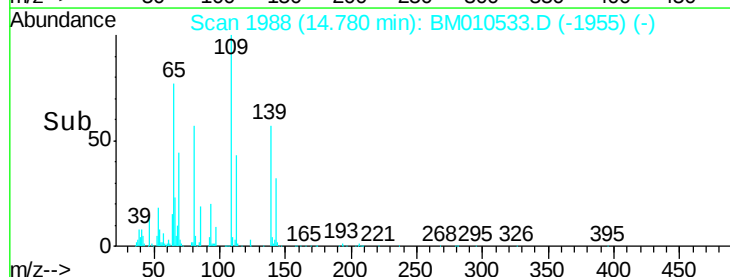
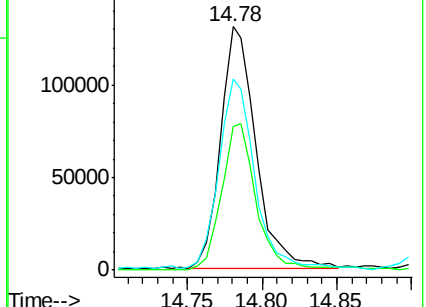
65 78.4 78.3 117.5

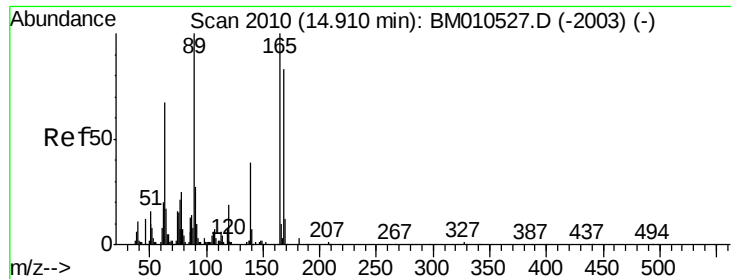


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

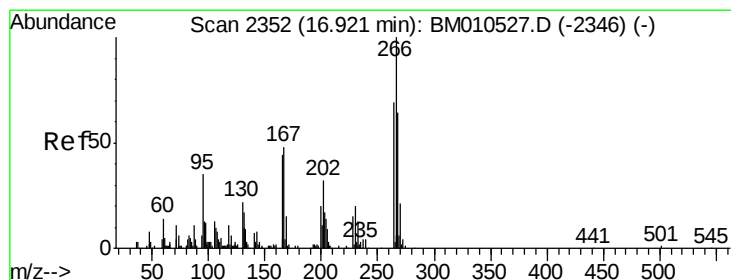
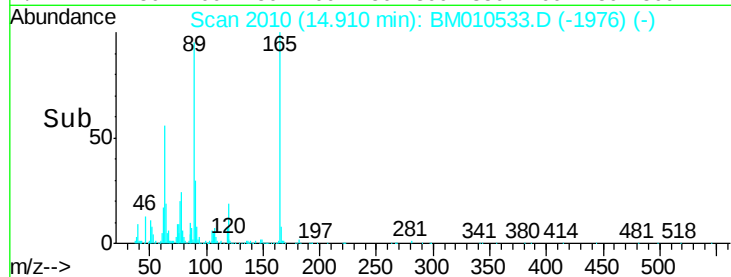
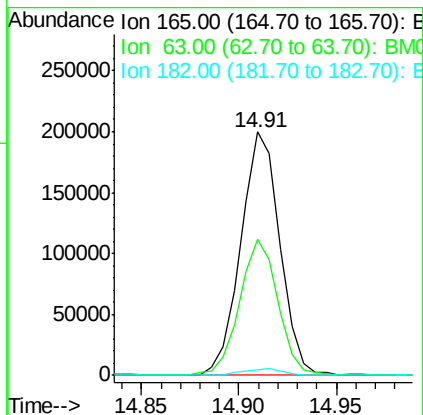
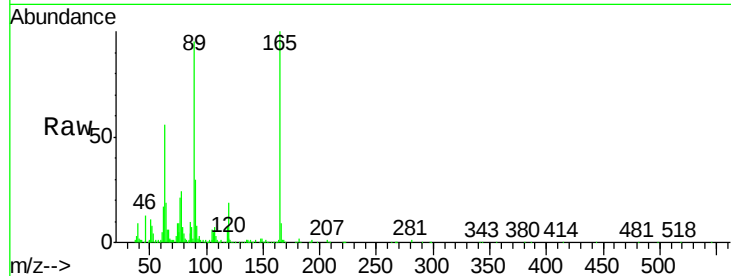




#54
 2,4-Dinitrotoluene
 Concen: 37.663 ng/ul
 RT: 14.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BM010533.D
 Acq: 12 Jun 2017 13:54

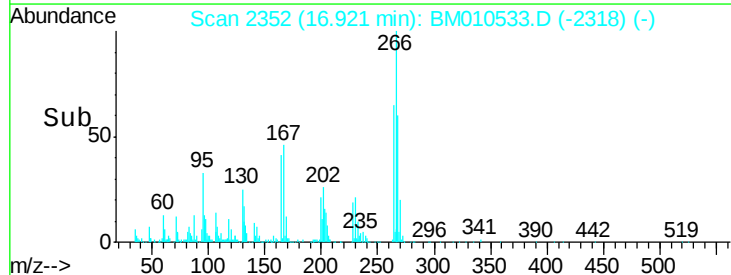
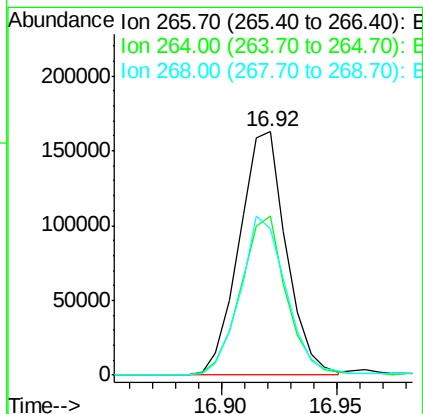
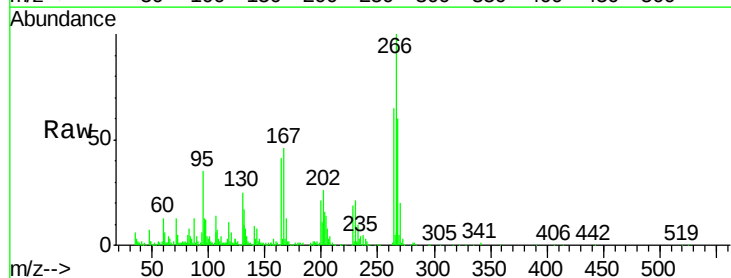
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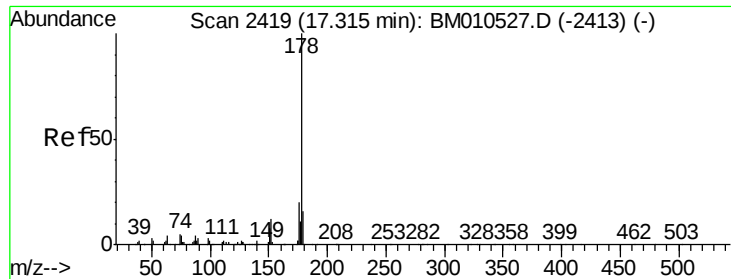
Tgt Ion:165 Resp: 275133
 Ion Ratio Lower Upper
 165 100
 63 56.1 45.8 68.8
 182 2.2 2.6 4.0#



#68
 Pentachlorophenol
 Concen: 33.115 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





#69

Phenanthrene

Concen: 1.540 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

Instrument :

BNA_M

ClientSampleId :

H2TR6MSD

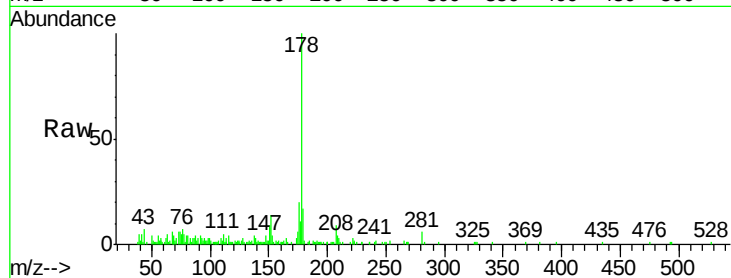
Tgt Ion:178 Resp: 69998

Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

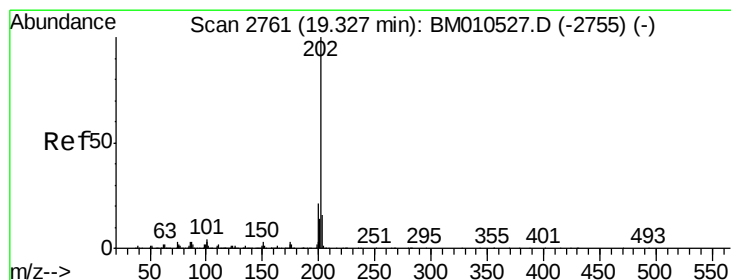
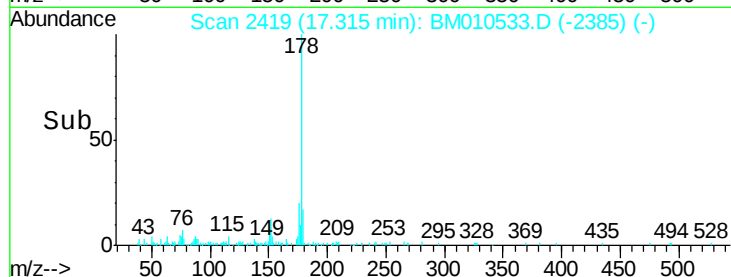
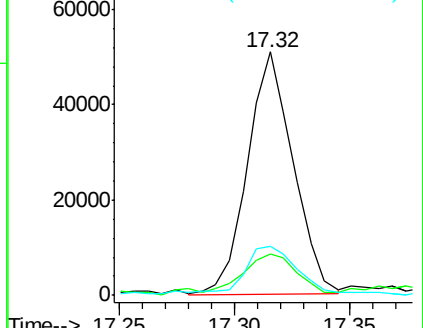
176 20.3 14.9 22.3



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



#74

Fluoranthene

Concen: 1.114 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

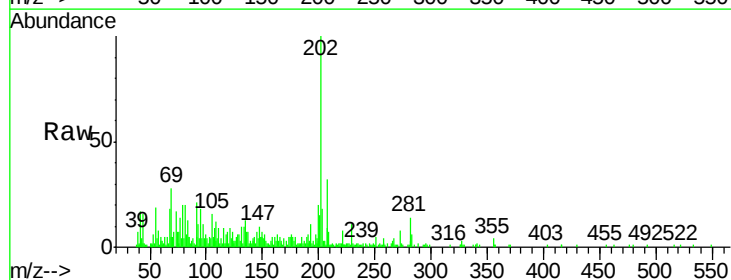
Tgt Ion:202 Resp: 62267

Ion Ratio Lower Upper

202 100

101 4.3 4.6 7.0#

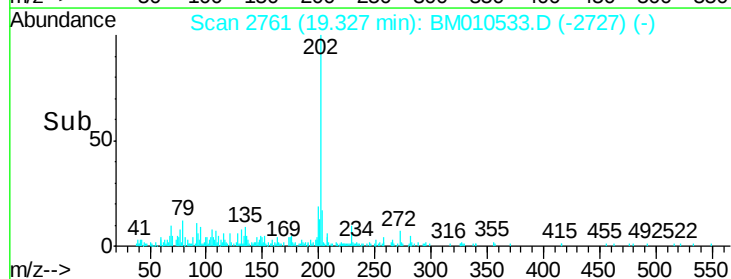
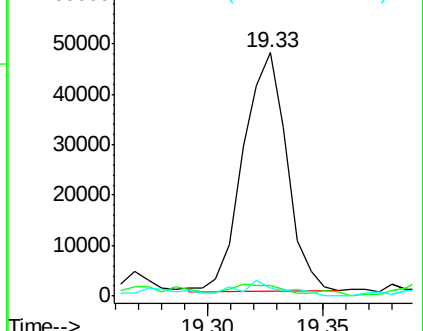
100 3.3 3.4 5.2#

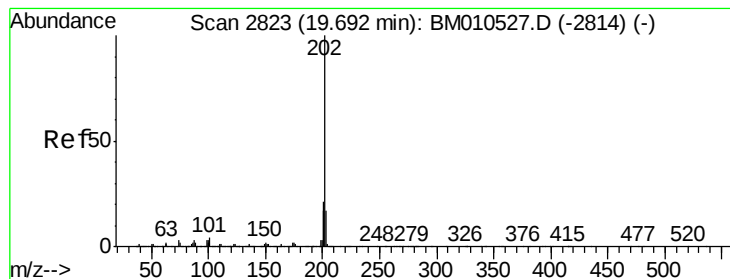


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 37.994 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

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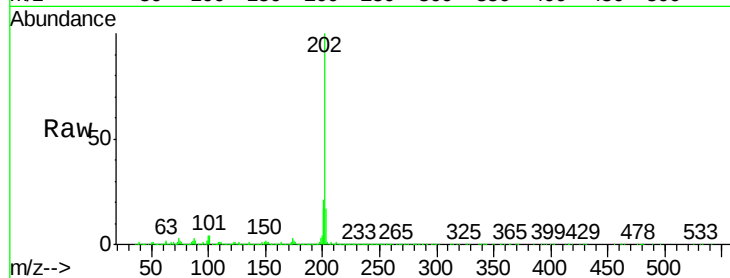
Tgt Ion:202 Resp: 2478234

Ion Ratio Lower Upper

202 100

101 4.3 5.1 7.7#

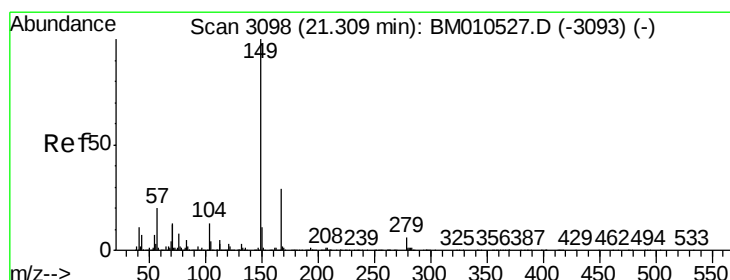
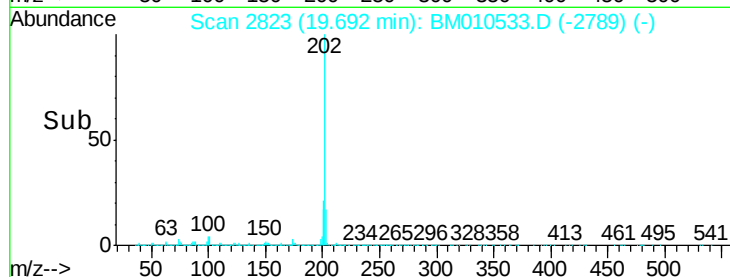
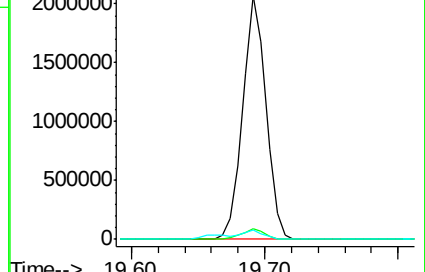
100 3.9 4.9 7.3#



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: 1.290 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM010533.D

Acq: 12 Jun 2017 13:54

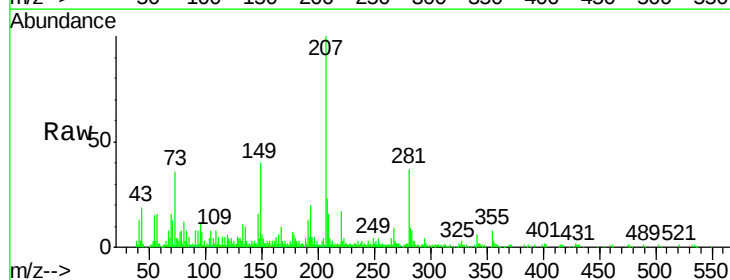
Tgt Ion:149 Resp: 43254

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

