

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
 Data File : BM013034.D
 Acq On : 18 Nov 2017 11:36
 Operator : SJ/JU
 Sample : I6405-21 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2W2

Quant Time: Nov 20 06:16:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 06:14:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	153716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	631589	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	382848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	900415	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1062586	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1064604	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1310	0.39	ng/uL	0.00
5) Phenol-d5	6.89	99	18214	1.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	54675	7.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	59345	5.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	37764	3.46	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	36436	8.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	37778	8.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	72737	6.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1253	0.11	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	243041	7.24	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	292471	6.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	8576	1.68	ng/ul	0.01
57) Fluorene-d10	15.35	176	205958	7.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	29060	7.44	ng/ul	0.00
70) Anthracene-d10	17.20	188	335277	7.27	ng/ul	0.00
76) Pyrene-d10	19.49	212	384144	7.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	393862	7.30	ng/ul	0.00

Target Compounds

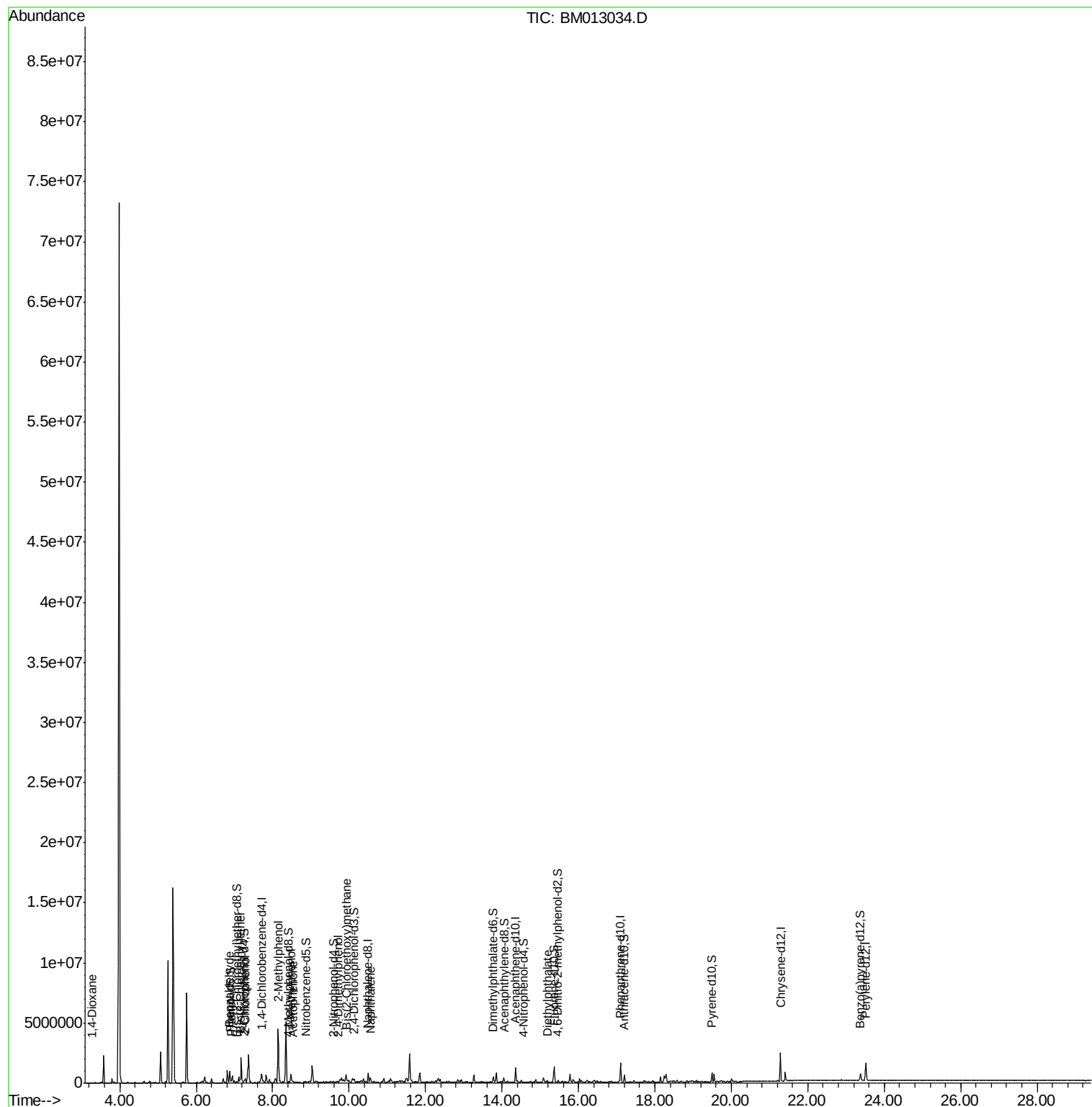
						Qvalue
2) 1,4-Dioxane	3.29	88	5567	1.53	ng/uL#	71
4) Benzaldehyde	6.87	77	47697	6.65	ng/ul#	1
6) Phenol	6.92	94	91922	6.99	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.15	93	190139	19.22	ng/ul	97
10) 2-Chlorophenol	7.28	128	82576	7.84	ng/ul	99
11) 2-Methylphenol	8.16	108	52288	5.24	ng/ul	98
14) Acetophenone	8.53	105	69822	4.18	ng/ul#	76
16) 4-Methylphenol	8.48	108	264844	25.00	ng/ul	84
24) 2,4-Dimethylphenol	9.72	107	22998	1.88	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.92	93	88340	6.68	ng/ul#	1
28) Naphthalene	10.55	128	188123	5.78	ng/ul	97
56) Diethylphthalate	15.19	149	93785	2.89	ng/ul	93

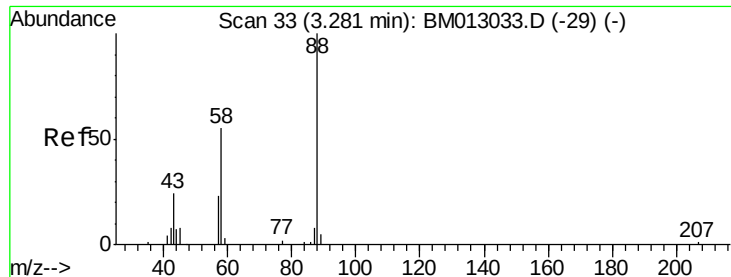
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 20 06:14:09 2017
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.53 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

ClientSampled :

BE2W2

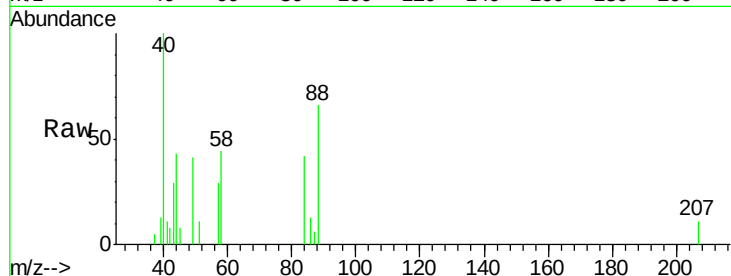
Tgt Ion: 88 Resp: 5567

Ion Ratio Lower Upper

88 100

43 54.0 48.0 72.0

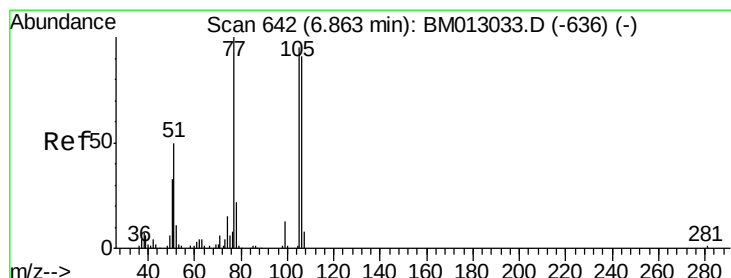
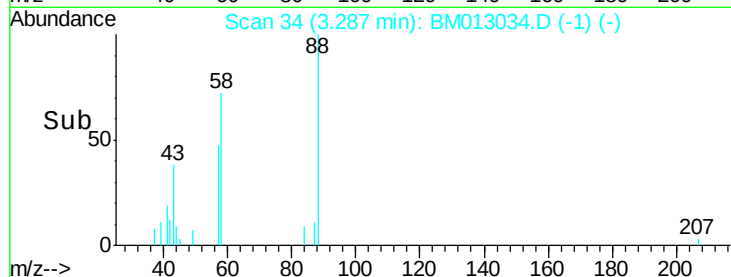
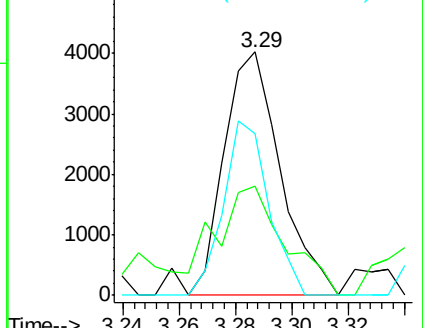
58 57.8 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013033.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM013033.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM013033.D (-29) (-)



#4

Benzaldehyde

Concen: 6.65 ng/uL

RT: 6.87 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

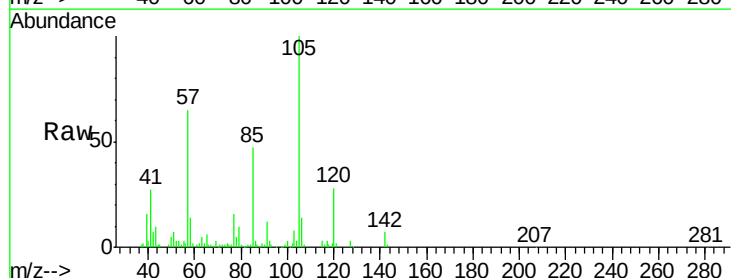
Tgt Ion: 77 Resp: 47697

Ion Ratio Lower Upper

77 100

105 629.4 66.1 99.1#

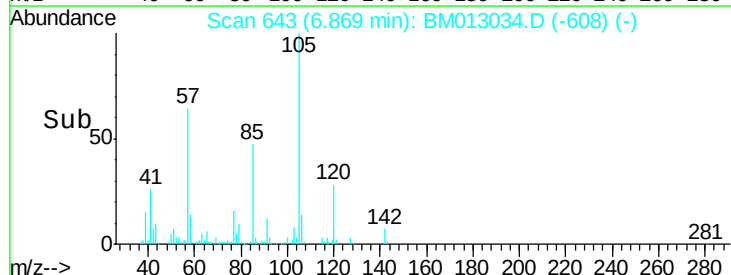
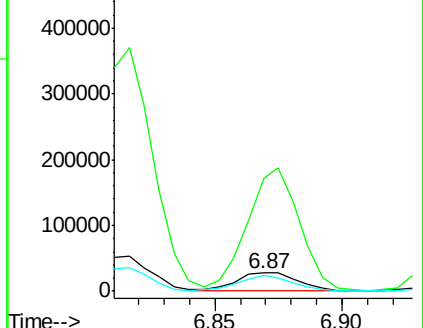
106 85.6 67.8 101.6

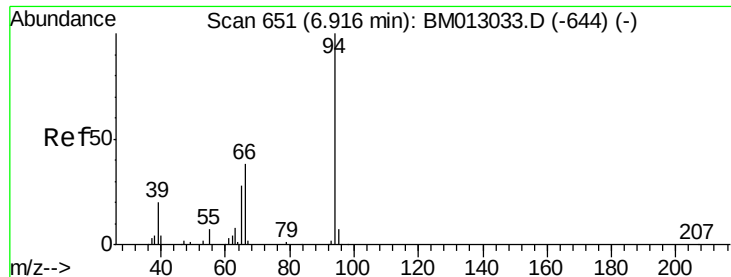


Abundance Ion 77.00 (76.70 to 77.70): BM013033.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM013033.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM013033.D (-636) (-)





#6

Phenol

Concen: 6.99 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

ClientSampleId :

BE2W2

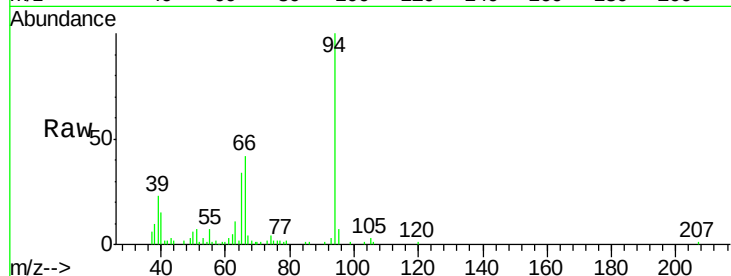
Tgt Ion: 94 Resp: 91922

Ion Ratio Lower Upper

94 100

65 33.9 28.2 42.4

66 42.3 47.2 70.8#

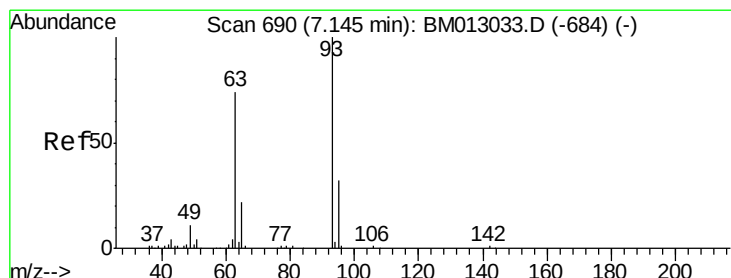
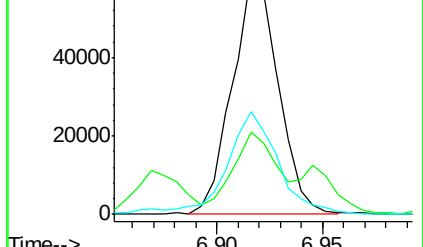
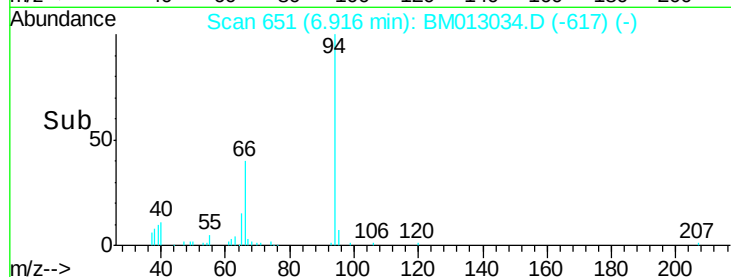


Abundance Ion 94.00 (93.70 to 94.70): BM013033.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013033.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013033.D (-644) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.22 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

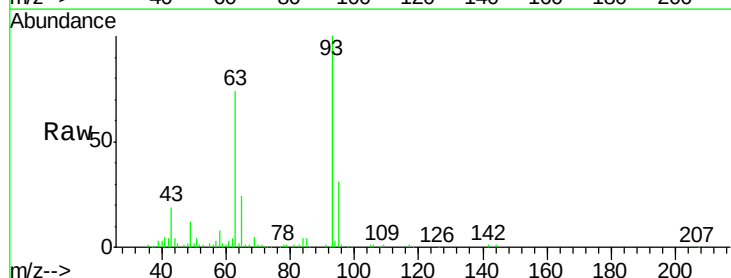
Tgt Ion: 93 Resp: 190139

Ion Ratio Lower Upper

93 100

63 73.7 57.3 85.9

95 30.9 26.6 39.8

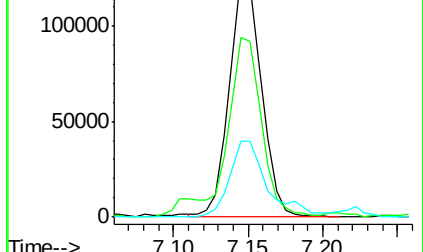
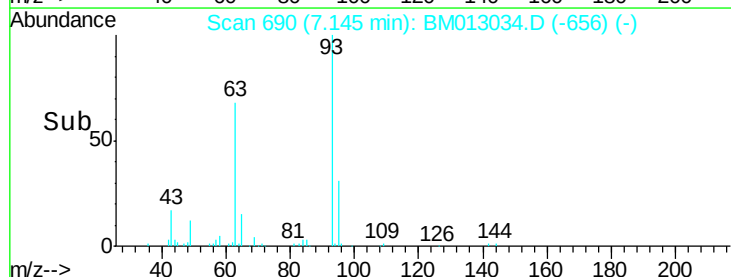


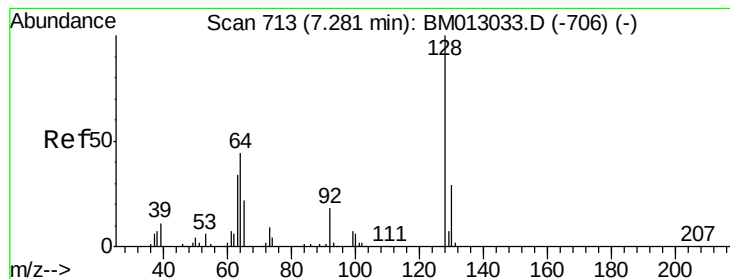
Abundance Ion 93.00 (92.70 to 93.70): BM013033.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013033.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013033.D (-684) (-)

Time-->





#10

2-Chlorophenol

Concen: 7.84 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

ClientSampleId :

BE2W2

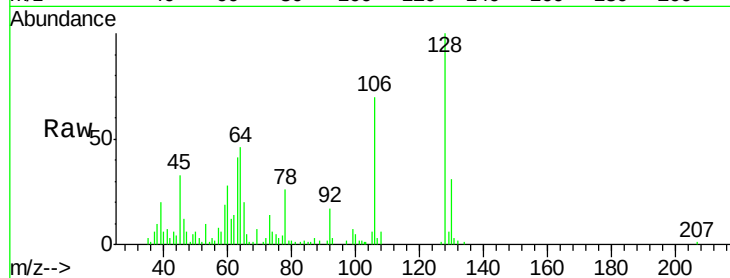
Tgt Ion:128 Resp: 82576

Ion Ratio Lower Upper

128 100

64 46.4 38.0 57.0

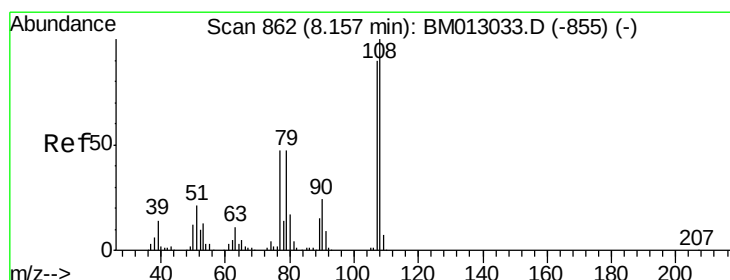
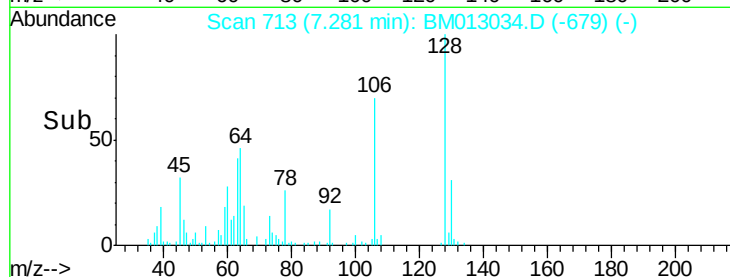
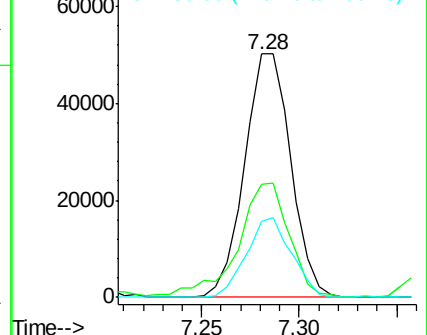
130 30.9 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 5.24 ng/ul

RT: 8.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BM013034.D

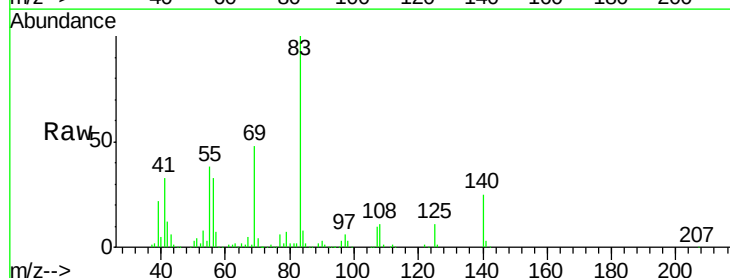
Acq: 18 Nov 2017 11:36

Tgt Ion:108 Resp: 52288

Ion Ratio Lower Upper

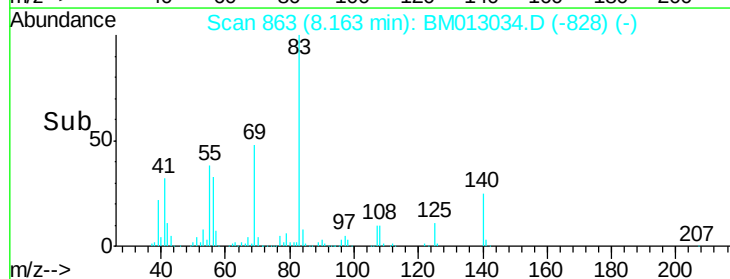
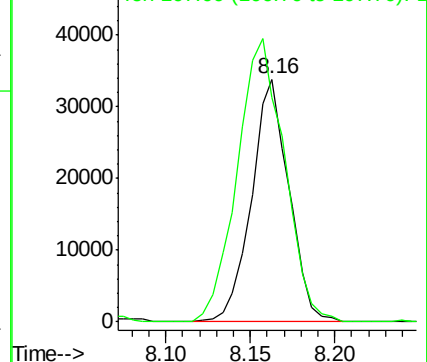
108 100

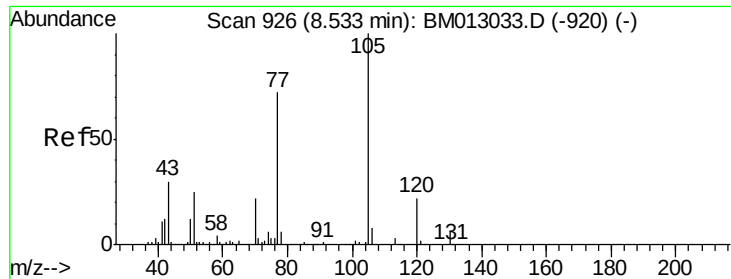
107 92.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

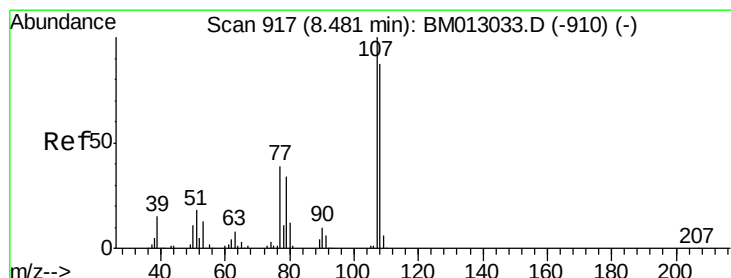
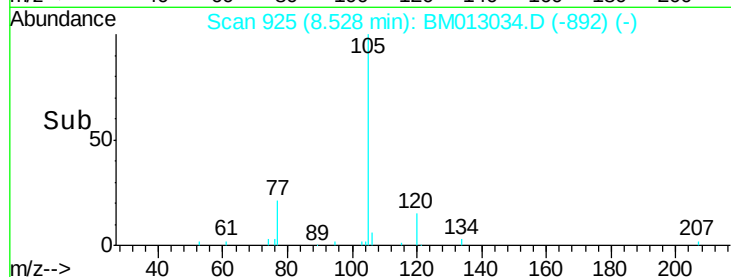
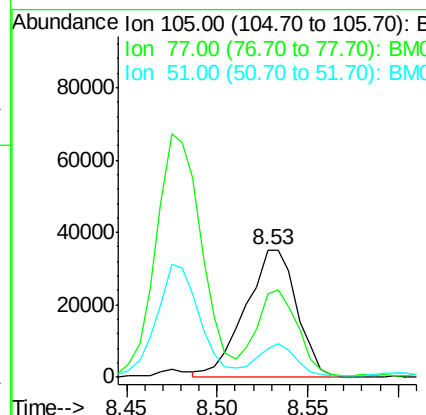
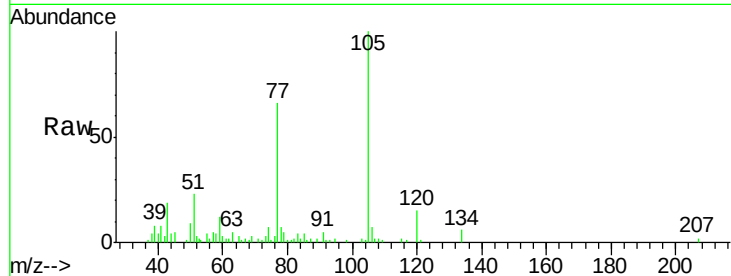




#14
 Acetophenone
 Concen: 4.18 ng/ul
 RT: 8.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BM013034.D
 Acq: 18 Nov 2017 11:36

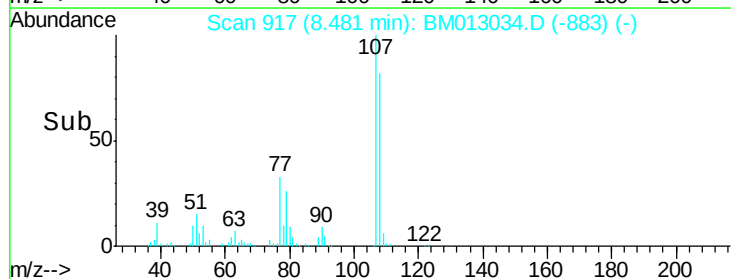
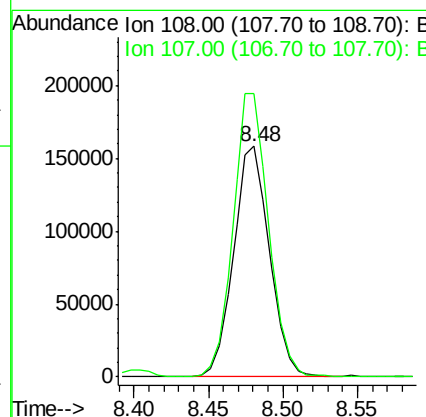
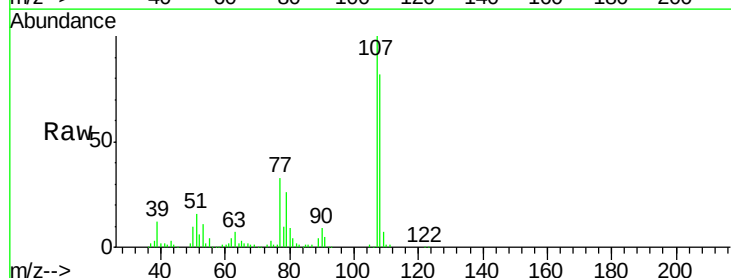
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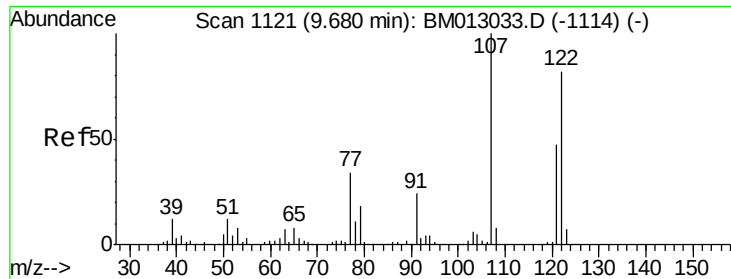
Tgt Ion:105 Resp: 69822
 Ion Ratio Lower Upper
 105 100
 77 66.1 74.2 111.4#
 51 22.6 23.4 35.2#



#16
 4-Methylphenol
 Concen: 25.00 ng/ul
 RT: 8.48 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BM013034.D
 Acq: 18 Nov 2017 11:36

Tgt Ion:108 Resp: 264844
 Ion Ratio Lower Upper
 108 100
 107 122.5 84.9 127.3

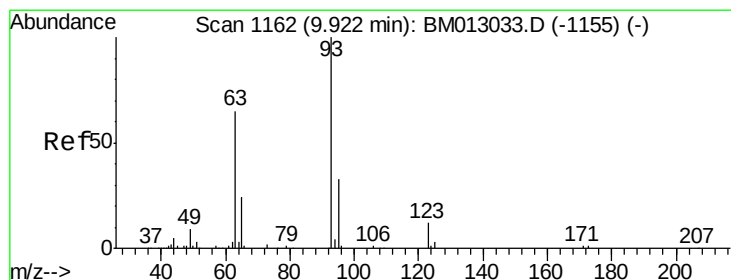
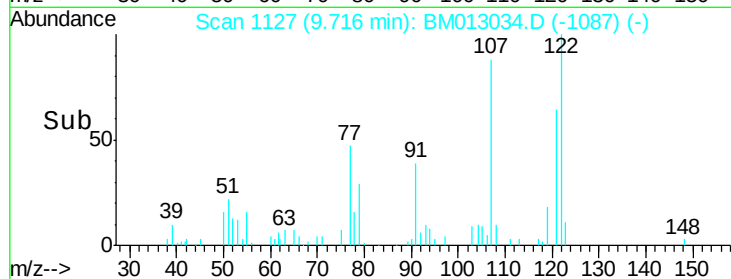
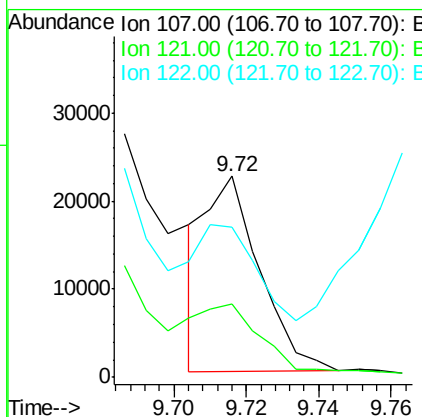
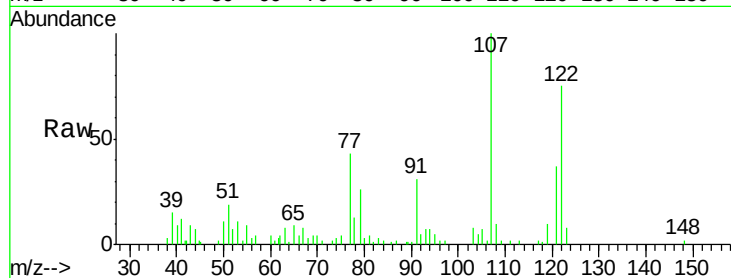




#24
 2,4-Dimethylphenol
 Concen: 1.88 ng/ul
 RT: 9.72 min Scan# 1127
 Delta R.T. 0.04 min
 Lab File: BM013034.D
 Acq: 18 Nov 2017 11:36

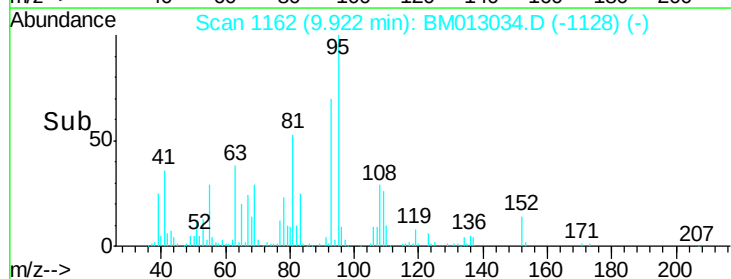
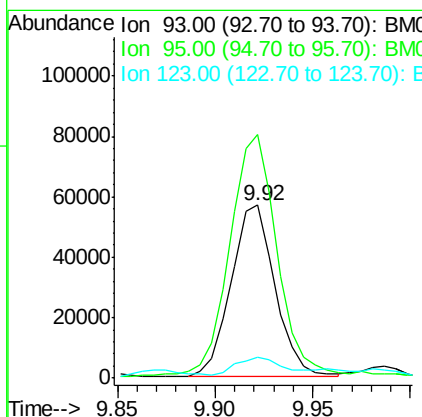
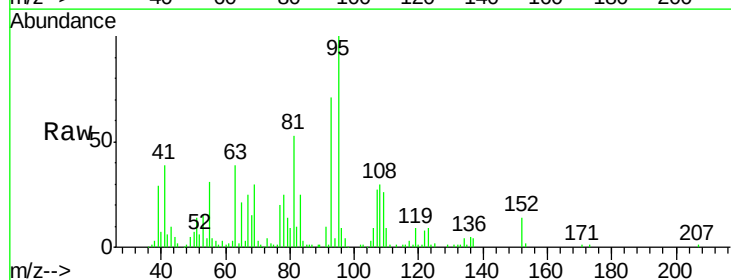
Instrument :
 BNA_M
 ClientSampleId :
 BE2W2

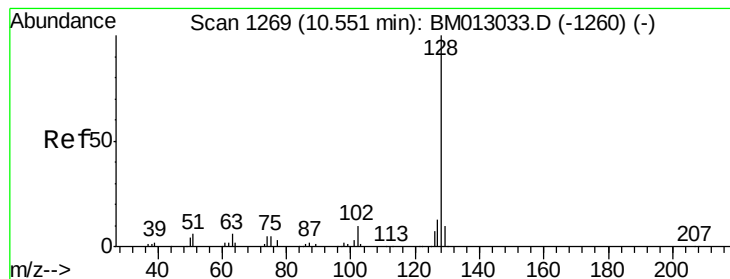
Tgt Ion:107 Resp: 22998
 Ion Ratio Lower Upper
 107 100
 121 36.5 31.9 47.9
 122 74.6 57.8 86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 6.68 ng/ul
 RT: 9.92 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BM013034.D
 Acq: 18 Nov 2017 11:36

Tgt Ion: 93 Resp: 88340
 Ion Ratio Lower Upper
 93 100
 95 140.9 28.5 42.7#
 123 12.4 8.9 13.3





#28

Naphthalene

Concen: 5.78 ng/ul

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

ClientSampleId :

BE2W2

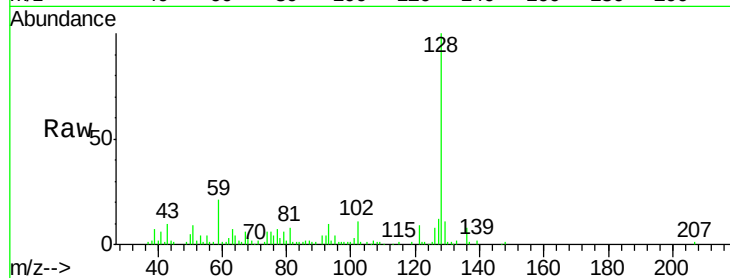
Tgt Ion:128 Resp: 188123

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

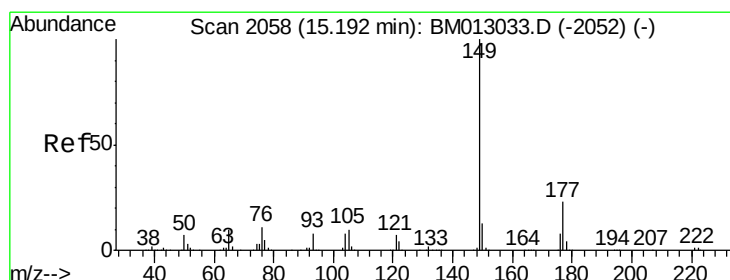
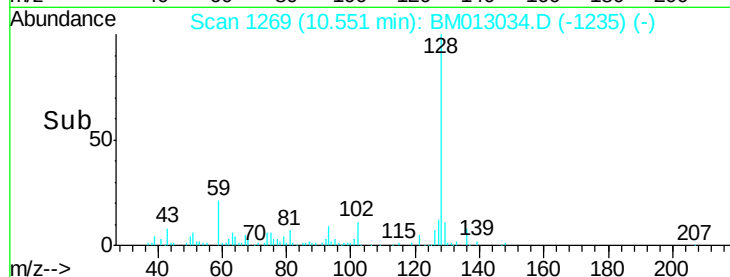
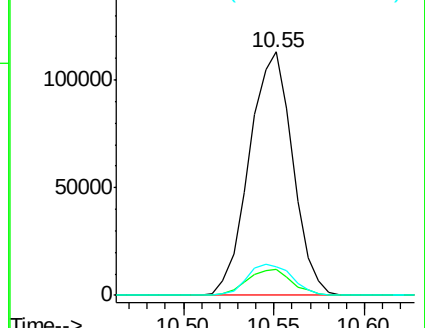
127 11.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#56

Diethylphthalate

Concen: 2.89 ng/ul

RT: 15.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

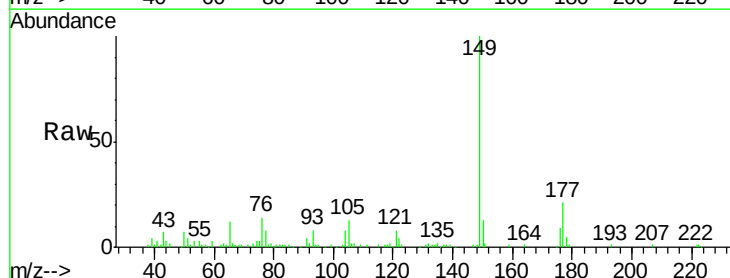
Tgt Ion:149 Resp: 93785

Ion Ratio Lower Upper

149 100

177 20.6 20.5 30.7

150 13.2 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

