

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

Manual Integrations
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 11/20/2017 4:30:37 PM

Quant Time: Nov 20 06:52:29 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

					Ovalue	
2) 1,4-Dioxane	3.29	88	5567	1.527	ng/uL#	71
6) Phenol	6.92	94	91922	6.995	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.15	93	190139	19.217	ng/ul	97
10) 2-Chlorophenol	7.28	128	82576	7.840	ng/ul	99
11) 2-Methylphenol	8.16	108	52288	5.242	ng/ul	98
14) Acetophenone	8.53	105	69822	4.177	ng/ul#	76
16) 4-Methylphenol	8.48	108	264844	25.002	ng/ul	84
24) 2,4-Dimethylphenol	9.68	107	58791m	4.796	ng/ul	
25) Bis(2-Chloroethoxy)methane	9.92	93	89750m	6.787	ng/ul	
28) Naphthalene	10.55	128	188123	5.781	ng/ul	97
56) Diethylphthalate	15.19	149	93785	2.889	ng/ul	93

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

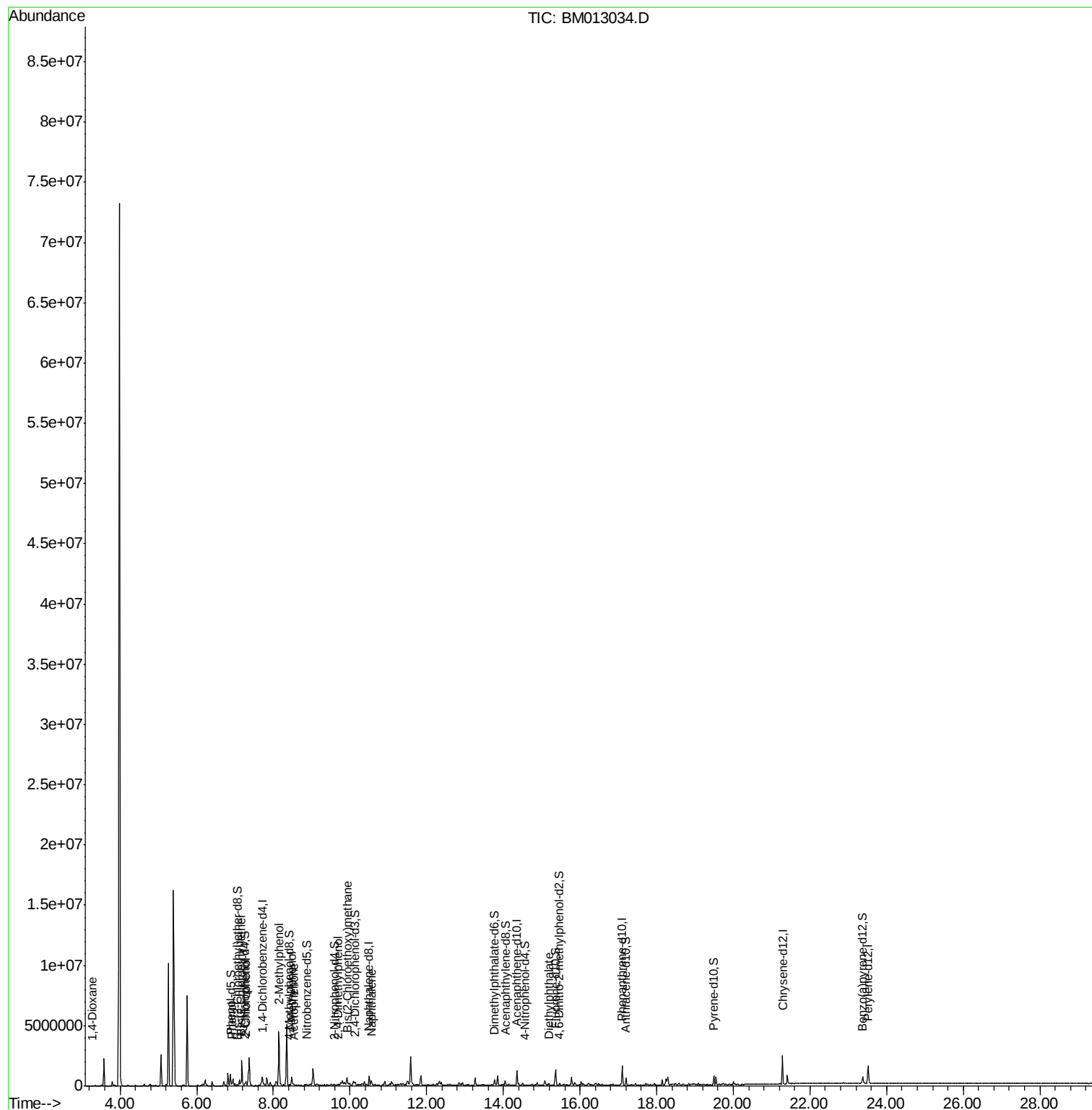
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013034.D
Acq On : 18 Nov 2017 11:36
Operator : SJ/JU
Sample : I6405-21 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

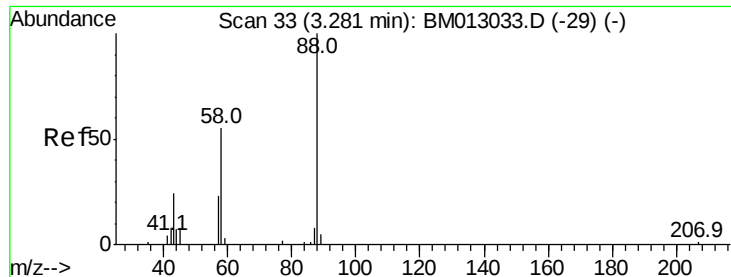
Instrument :
BNA_M
ClientSampleId :
BE2W2

Quant Time: Nov 20 06:52:29 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
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Manual Integrations
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#2

1,4-Dioxane

Concen: 1.527 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

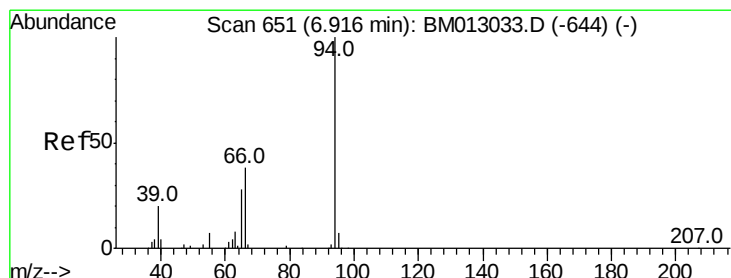
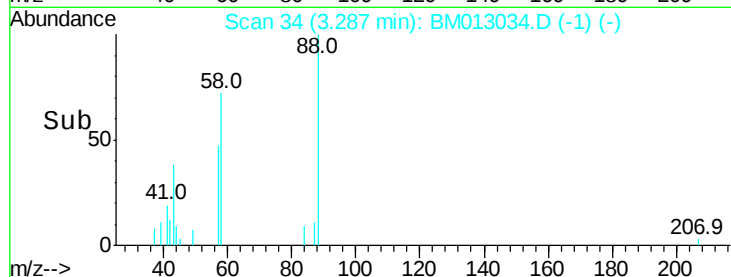
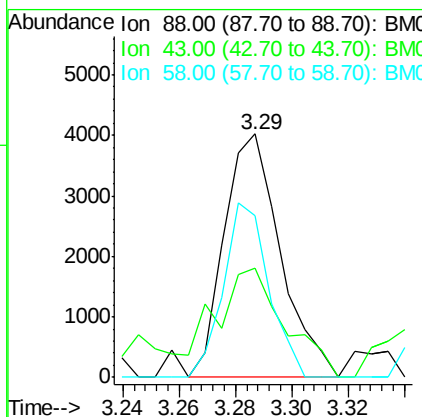
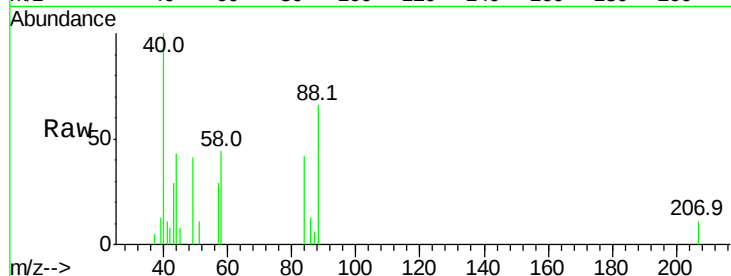
ClientSampled :

BE2W2

Tot Ion	Ratio	Lower	Upper
88	100		
43	54.0	48.0	72.0
58	57.8	80.0	120.0#

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#6

Phenol

Concen: 6.995 ng/uL

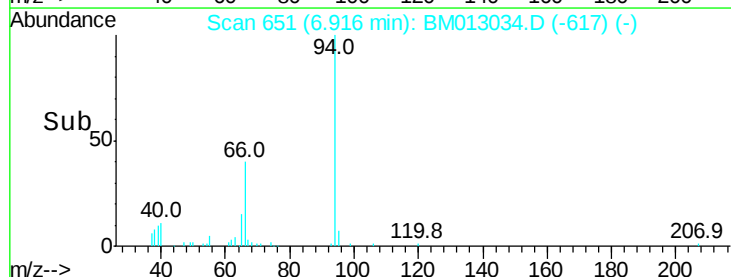
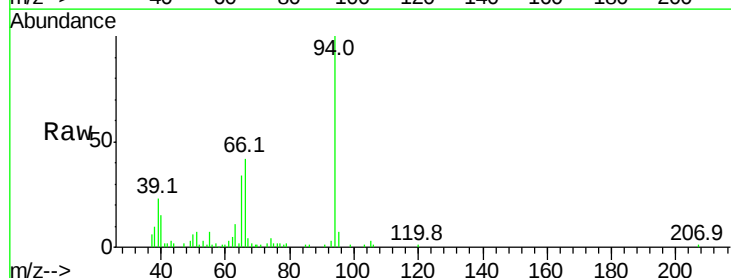
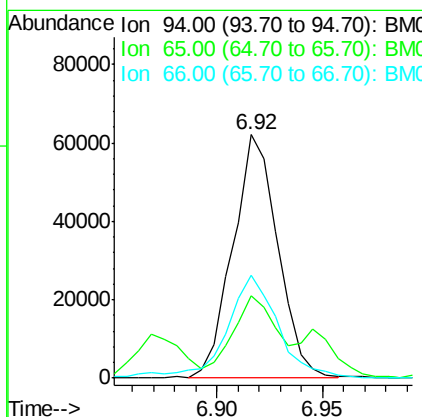
RT: 6.92 min Scan# 651

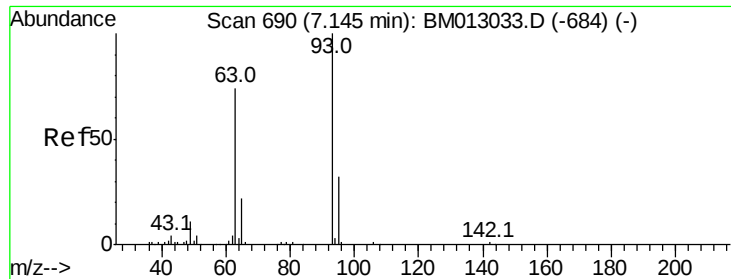
Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	28.2	42.4
66	42.3	47.2	70.8#





#8

Bis(2-Chloroethyl)ether

Concen: 19.217 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

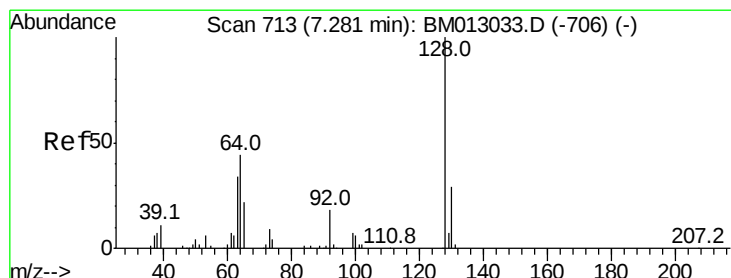
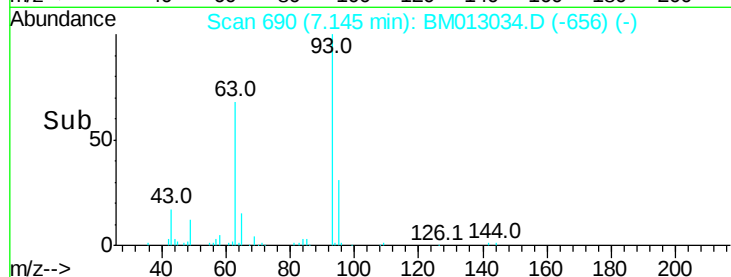
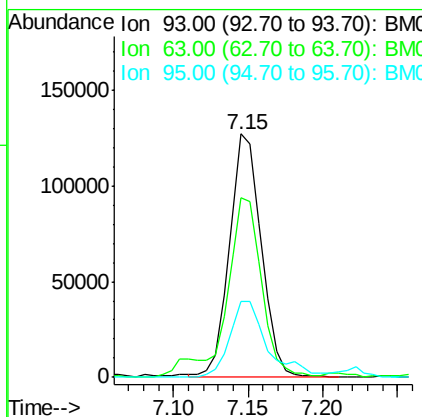
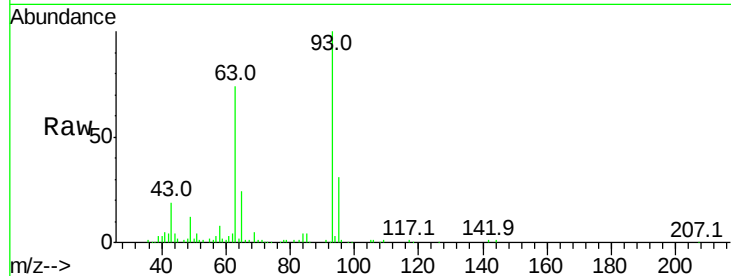
ClientSampleId :

BE2W2

Tot Ion:	93	Resp:	190139
Ion Ratio	Lower	Upper	
93	100		
63	73.7	57.3	85.9
95	30.9	26.6	39.8

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#10

2-Chlorophenol

Concen: 7.840 ng/ul

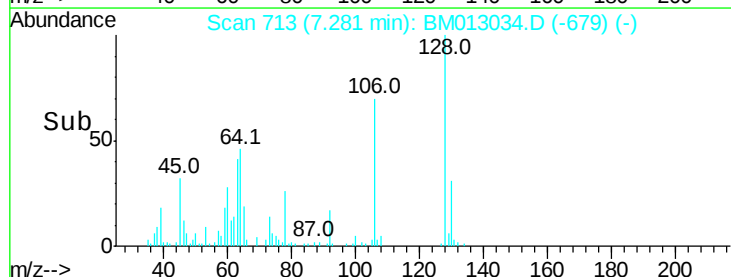
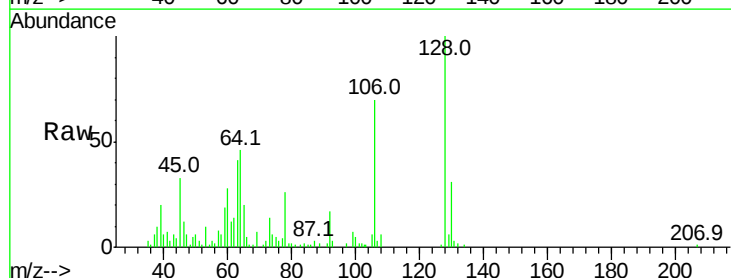
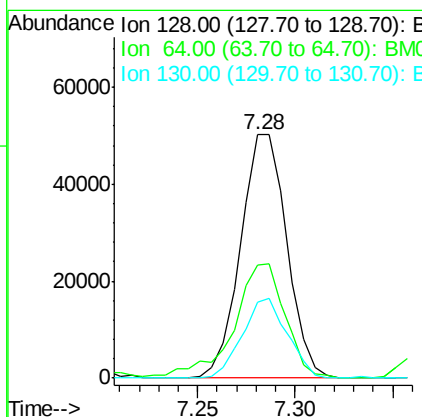
RT: 7.28 min Scan# 713

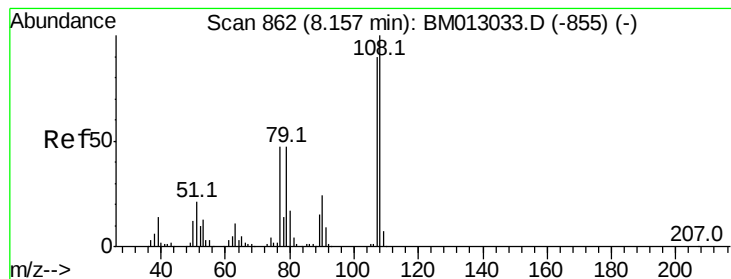
Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

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





#11

2-Methylphenol

Concen: 5.242 ng/ul

RT: 8.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

ClientSampleId :

BE2W2

Tot Ion:108 Resp: 52288

Ion Ratio Lower Upper

108 100

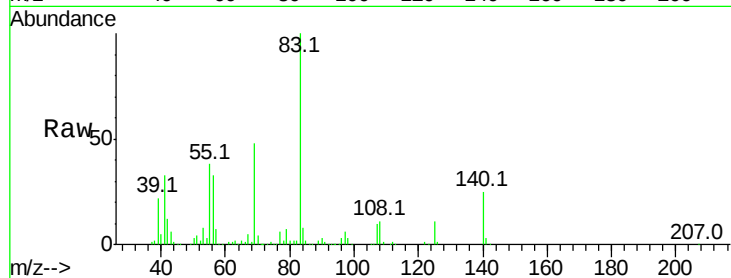
107 92.7 72.6 108.8

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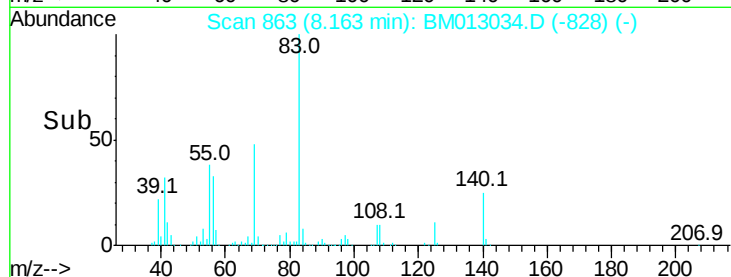
11/20/2017 4:30:37 PM



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.16



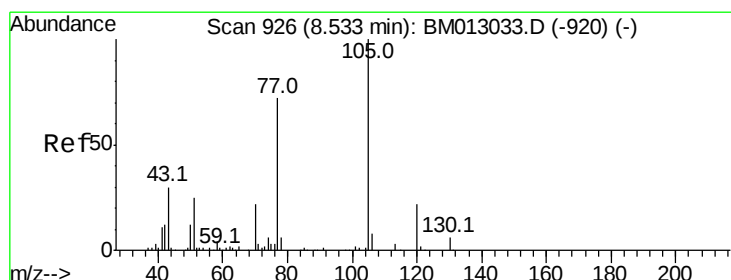
Abundance

Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.16

Time-->



#14

Acetophenone

Concen: 4.177 ng/ul

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

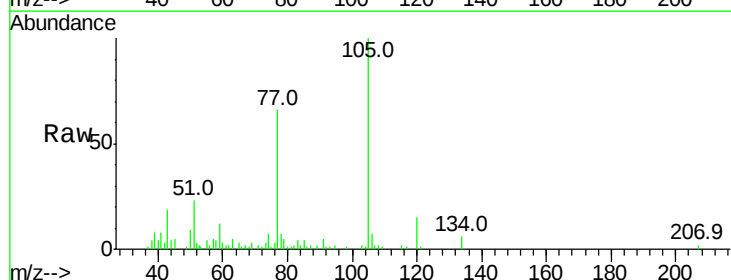
Tgt Ion:105 Resp: 69822

Ion Ratio Lower Upper

105 100

77 66.1 74.2 111.4#

51 22.6 23.4 35.2#

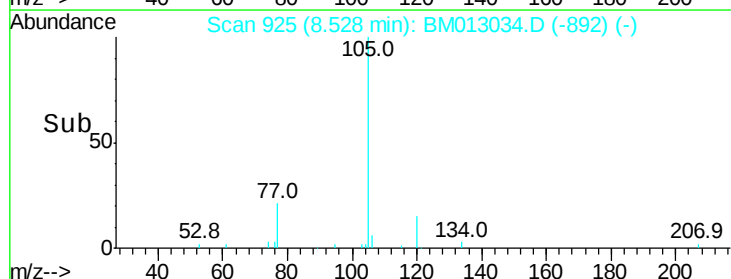


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

8.53



Abundance

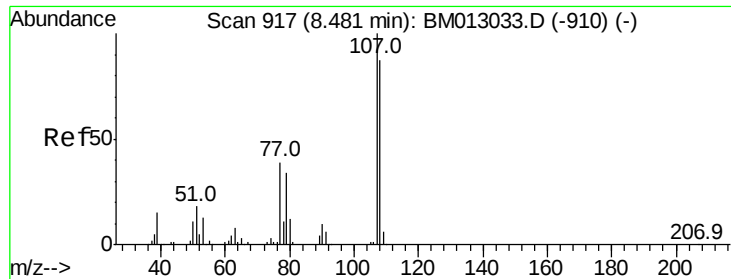
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

8.53

Time-->



#16

4-Methylphenol

Concen: 25.002 ng/ul

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

ClientSampleId :

BE2W2

Tot Ion:108 Resp: 264844

Ion Ratio Lower Upper

108 100

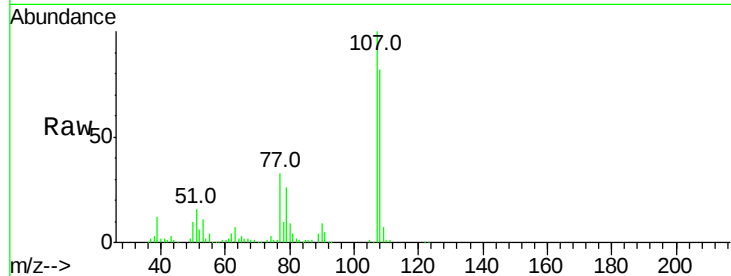
107 122.5 84.9 127.3

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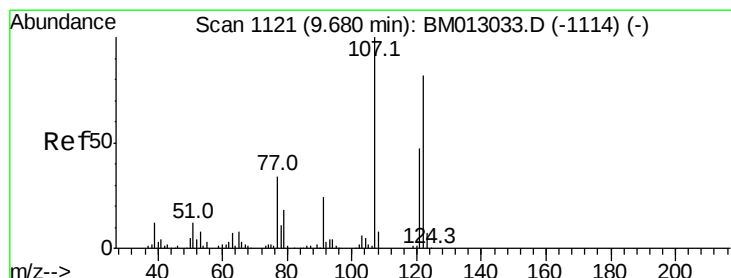
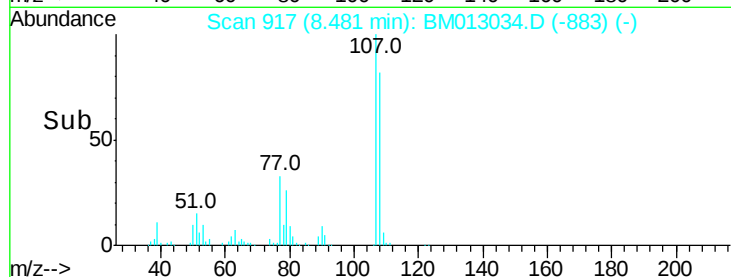
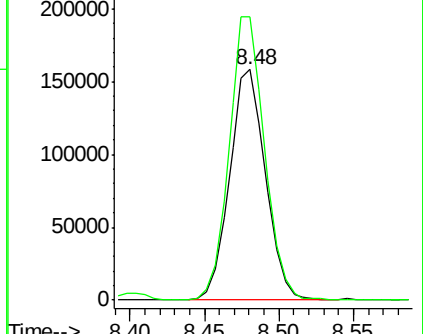
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#24

2,4-Dimethylphenol

Concen: 4.796 ng/ul m

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

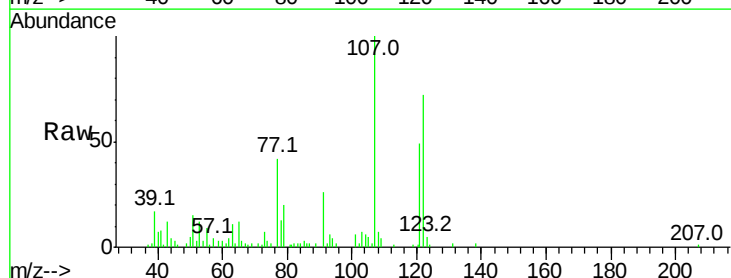
Tgt Ion:107 Resp: 58791

Ion Ratio Lower Upper

107 100

121 48.6 31.9 47.9#

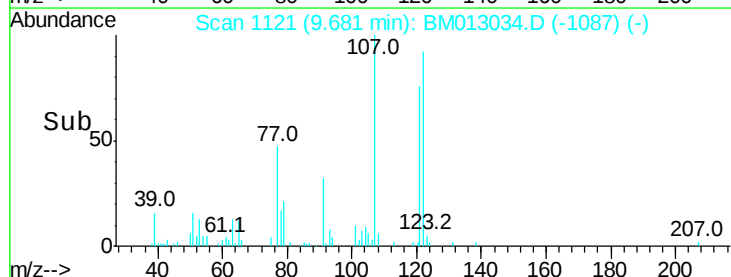
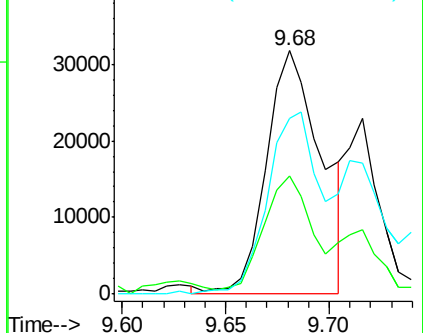
122 72.1 57.8 86.6

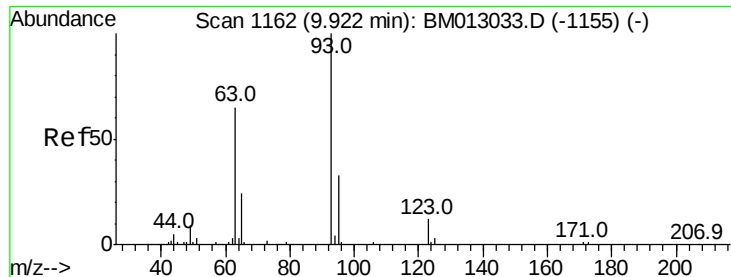


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 6.787 ng/ul m

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Instrument :

BNA_M

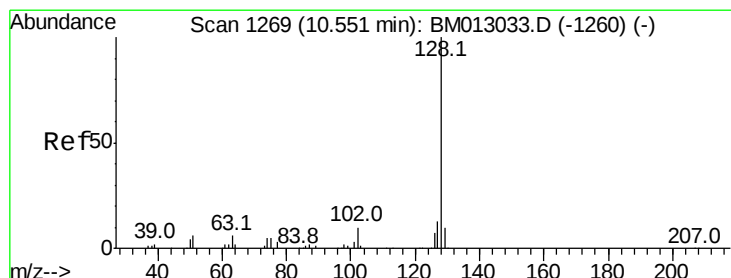
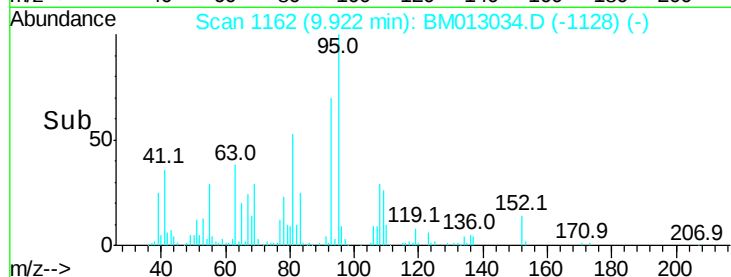
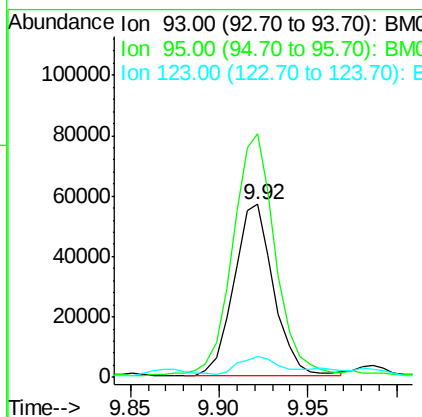
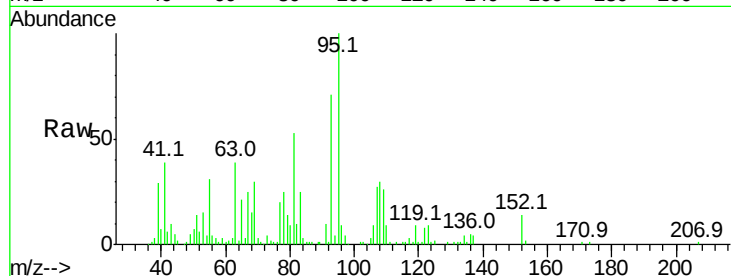
ClientSampled :

BE2W2

Tot Ion	93	95	123
Ratio	100	140.9	12.4
Lower		28.5	8.9
Upper		42.7#	13.3

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#28

Naphthalene

Concen: 5.781 ng/ul

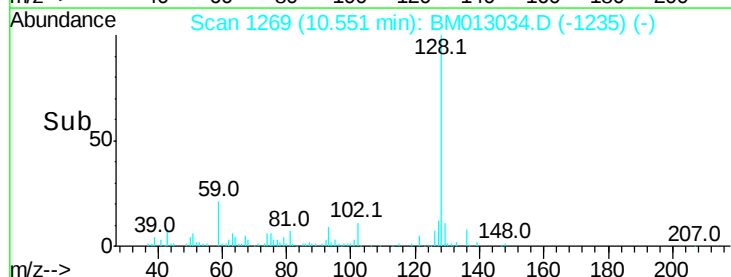
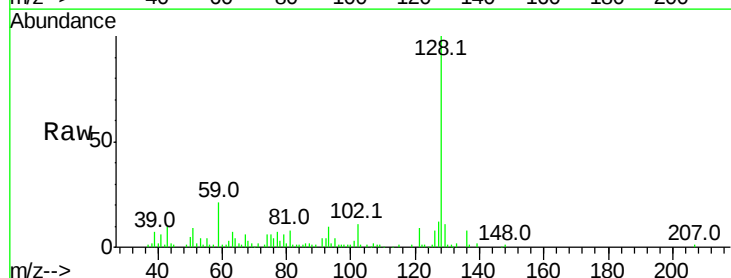
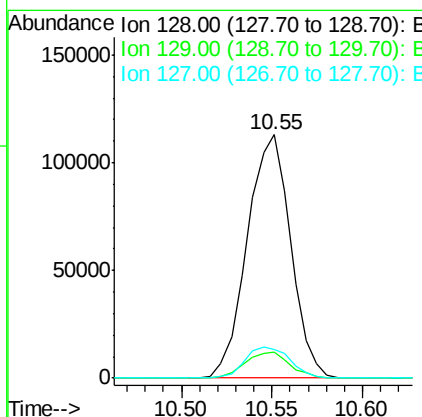
RT: 10.55 min Scan# 1269

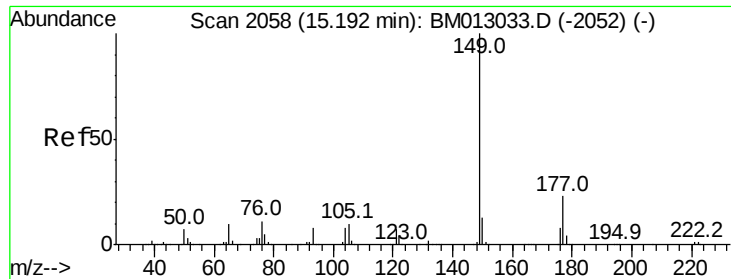
Delta R.T. 0.00 min

Lab File: BM013034.D

Acq: 18 Nov 2017 11:36

Tgt Ion	128	129	127
Ratio	100	10.6	11.5
Lower		8.8	10.6
Upper		13.2	16.0





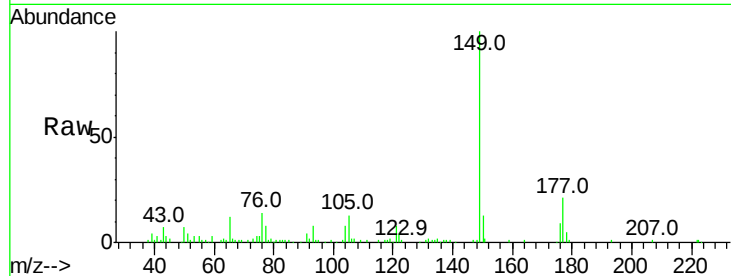
#56
 Diethylphthalate
 Concen: 2.889 ng/ul
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM013034.D
 Acq: 18 Nov 2017 11:36

Instrument :
 BNA_M
 ClientSampleId :
 BE2W2

Tot Ion:	149	Resp:	93785
Ion Ratio	Lower	Upper	
149	100		
177	20.6	20.5	30.7
150	13.2	10.6	15.8

Manual Integrations
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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

