

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013023.D
 Acq On : 18 Nov 2017 05:07
 Operator : SJ/JU
 Sample : I6451-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2X1

Quant Time: Nov 18 05:52:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 03:21:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	156159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	619669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	365605	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	864170	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1054976	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1066309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	19527	5.79	ng/uL	0.00
5) Phenol-d5	6.89	99	99539	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	247568	32.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	278113	25.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	181758	16.40	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	170390	38.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	180032	42.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	339322	31.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	992	0.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1149829	35.85	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1404274	34.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	41908	8.62	ng/ul	0.00
57) Fluorene-d10	15.35	176	985689	36.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	154441	41.22	ng/ul	0.00
70) Anthracene-d10	17.20	188	1605634	36.29	ng/ul	0.00
76) Pyrene-d10	19.50	212	1856686	34.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	2020485	37.37	ng/ul	0.00

Target Compounds

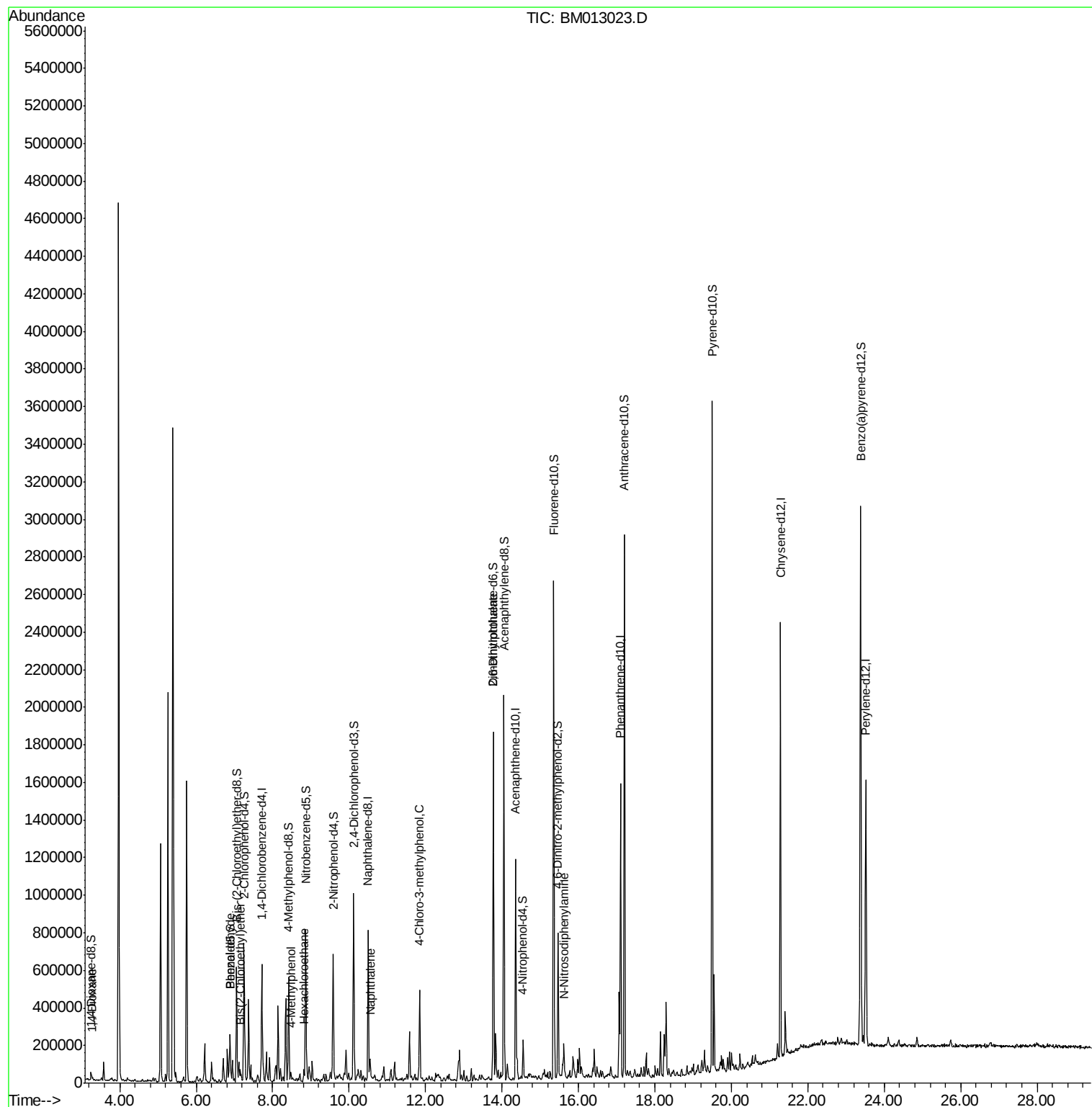
						Ovalue
2) 1,4-Dioxane	3.28	88	6686	1.81	ng/uL#	52
4) Benzaldehyde	6.87	77	8429	1.16	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.15	93	30570	3.04	ng/ul	86
16) 4-Methylphenol	8.47	108	18680	1.74	ng/ul	93
17) Hexachloroethane	8.82	117	4625	1.02	ng/ul#	1
28) Naphthalene	10.55	128	81976	2.57	ng/ul	97
33) 4-Chloro-3-methylphenol	11.85	107	99842	9.46	ng/ul#	21
45) 2,6-Dinitrotoluene	13.77	165	7982	1.71	ng/ul#	25
64) N-Nitrosodiphenylamine	15.62	169	63296	2.33	ng/ul	97

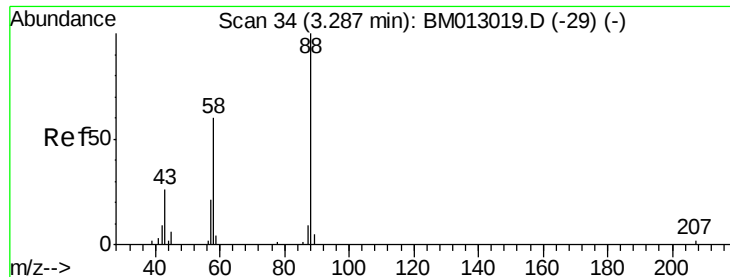
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.81 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

Instrument :

BNA_M

ClientSampleId :

BE2X1

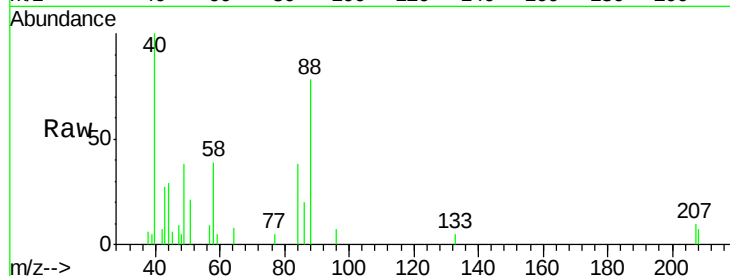
Tot Ion: 88 Resp: 6686

Ion Ratio Lower Upper

88 100

43 30.4 48.0 72.0#

58 46.7 80.0 120.0#

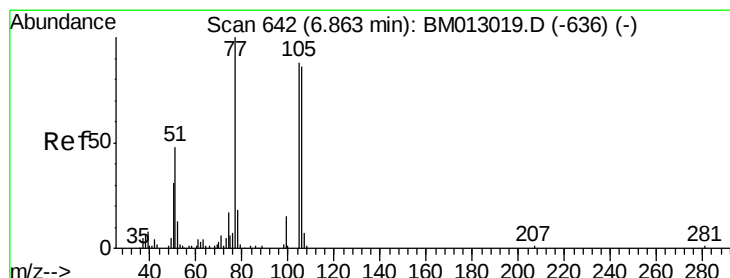
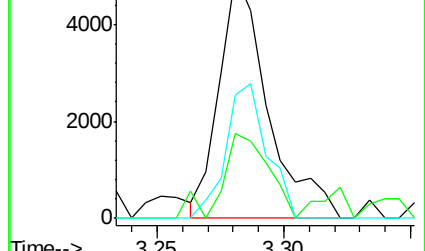
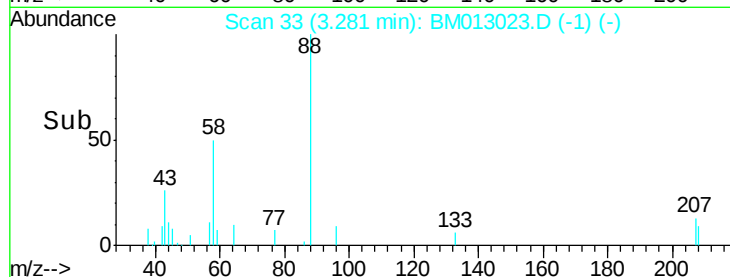


Abundance Ion 88.00 (87.70 to 88.70): BM013019.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM013019.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM013019.D (-29) (-)

Time-->



#4

Benzaldehyde

Concen: 1.16 ng/uL

RT: 6.87 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

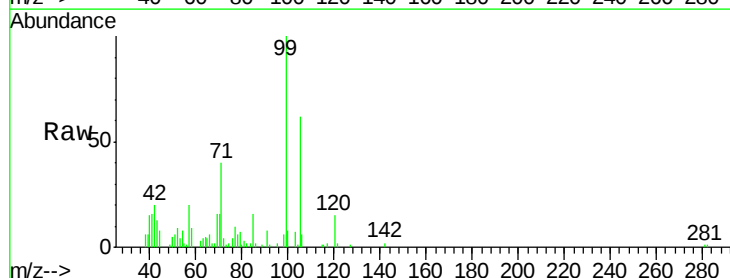
Tgt Ion: 77 Resp: 8429

Ion Ratio Lower Upper

77 100

105 608.2 66.1 99.1#

106 61.2 67.8 101.6#

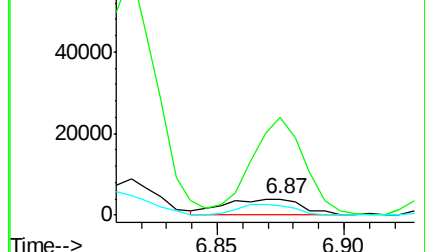
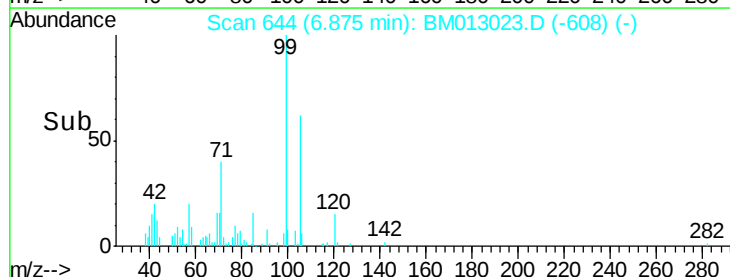


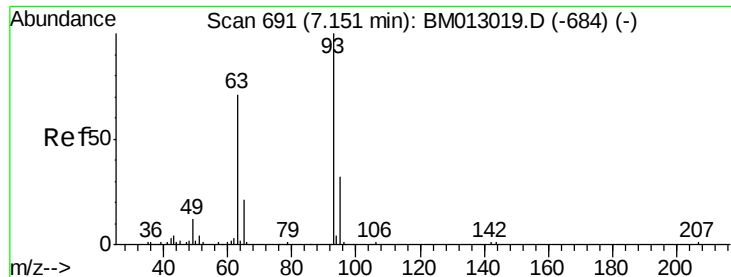
Abundance Ion 77.00 (76.70 to 77.70): BM013019.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM013019.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM013019.D (-636) (-)

Time-->





#8

Bis(2-Chloroethyl)ether

Concen: 3.04 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BM013023.D

Acq: 18 Nov 2017 05:07

Instrument :

BNA_M

ClientSampled :

BE2X1

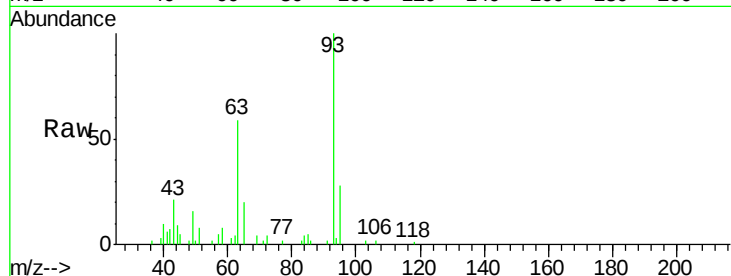
Tot Ion: 93 Resp: 30570

Ion Ratio Lower Upper

93 100

63 58.8 57.3 85.9

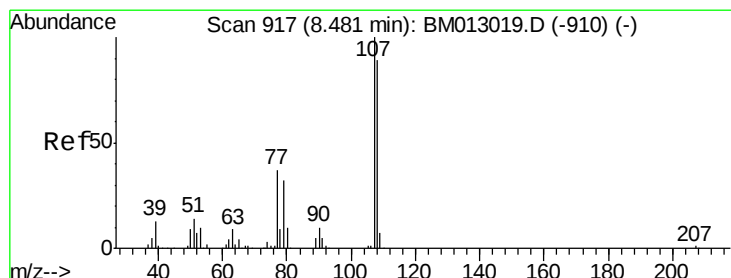
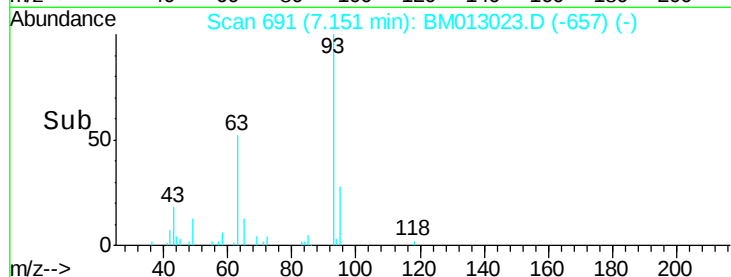
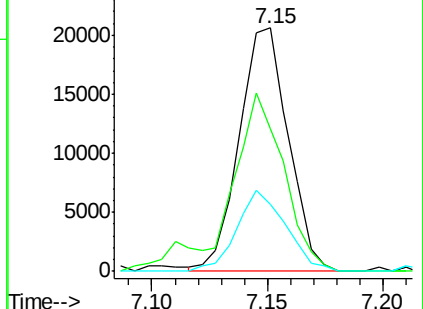
95 27.6 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BM013019.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013019.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013019.D (-684) (-)



#16

4-Methylphenol

Concen: 1.74 ng/ul

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM013023.D

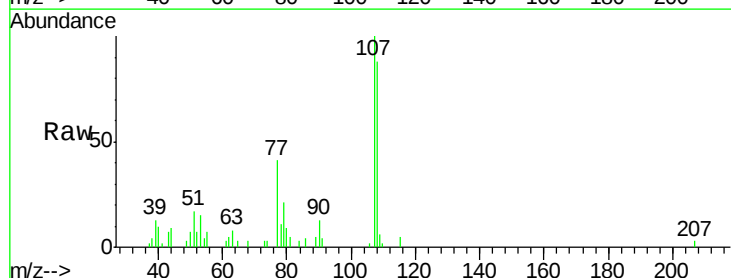
Acq: 18 Nov 2017 05:07

Tgt Ion: 108 Resp: 18680

Ion Ratio Lower Upper

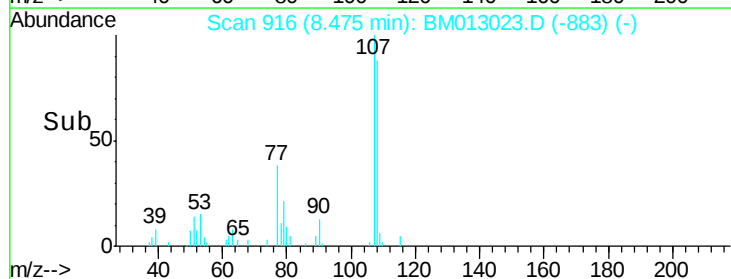
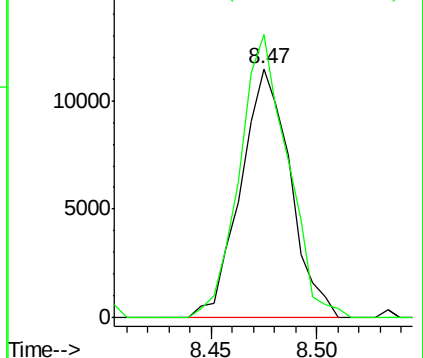
108 100

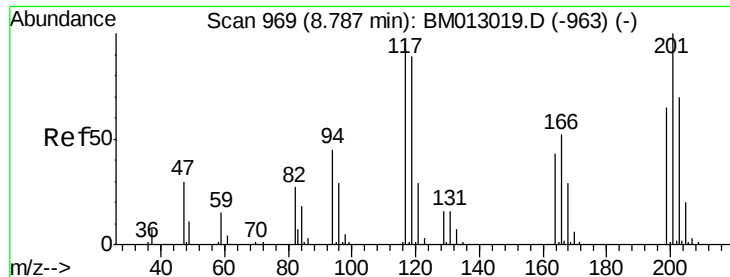
107 113.7 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM013019.D (-910) (-)

Ion 107.00 (106.70 to 107.70): BM013019.D (-910) (-)

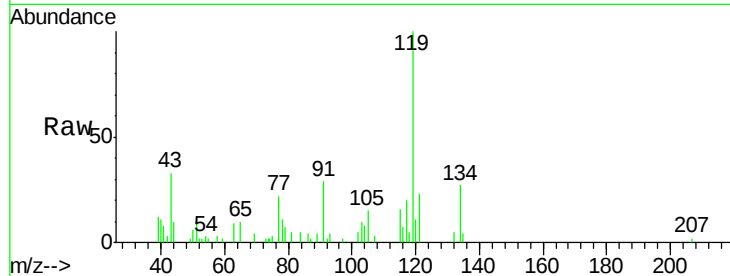




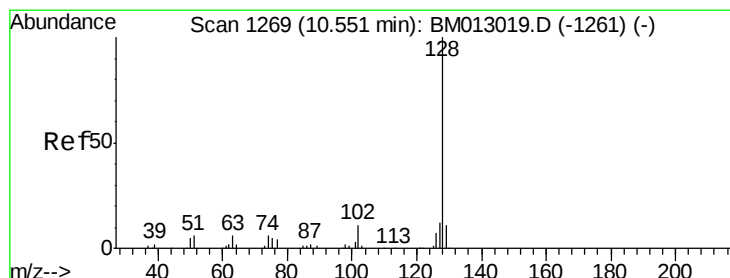
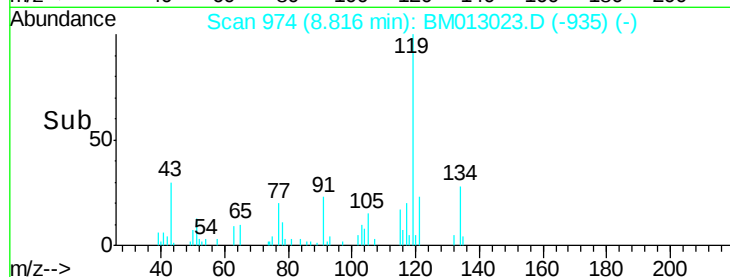
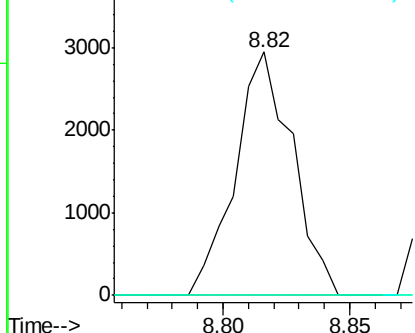
#17
Hexachloroethane
Concen: 1.02 ng/ul
RT: 8.82 min Scan# 974
Delta R.T. 0.03 min
Lab File: BM013023.D
Acq: 18 Nov 2017 05:07

Instrument :
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Tot Ion:117 Resp: 4625
Ion Ratio Lower Upper
117 100
201 0.0 111.6 167.4#
199 0.0 67.8 101.6#

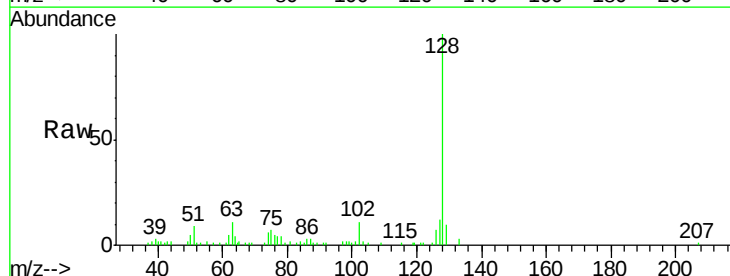


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

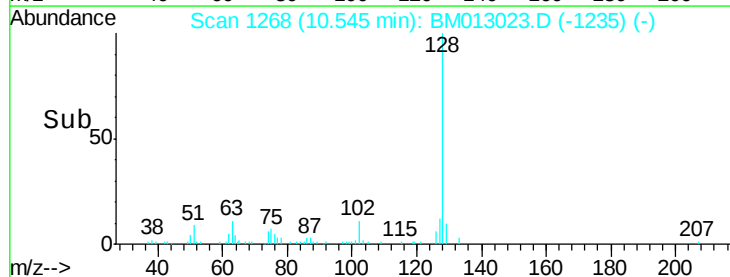
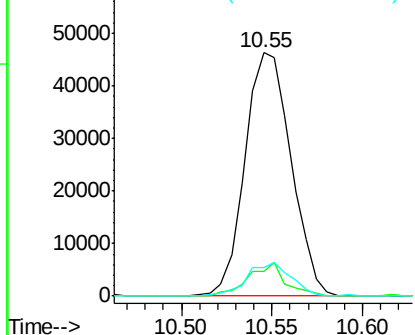


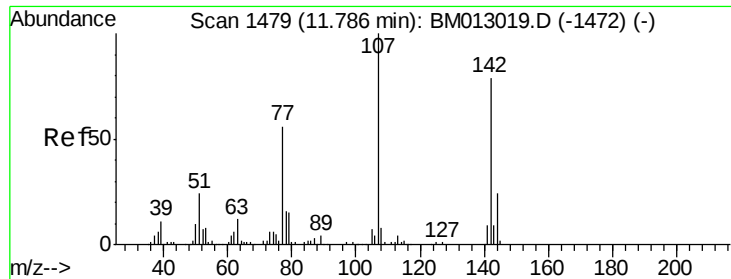
#28
Naphthalene
Concen: 2.57 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM013023.D
Acq: 18 Nov 2017 05:07

Tgt Ion:128 Resp: 81976
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 11.7 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

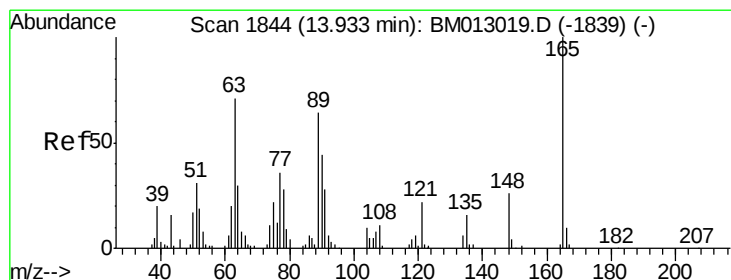
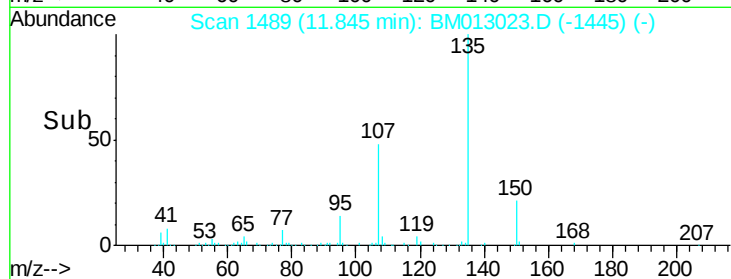
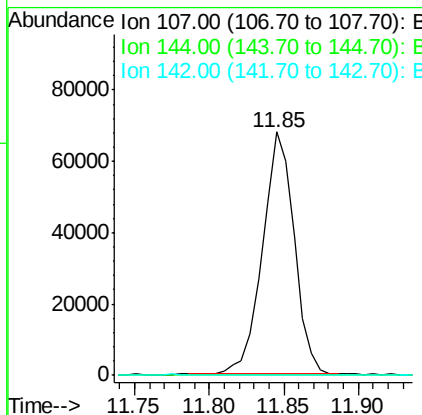
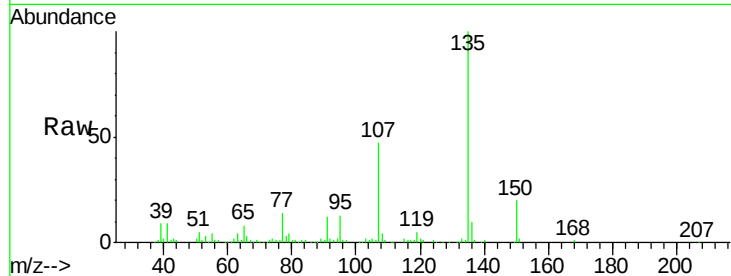




#33
 4-Chloro-3-methylphenol
 Concen: 9.46 ng/ul
 RT: 11.85 min Scan# 1489
 Delta R.T. 0.06 min
 Lab File: BM013023.D
 Acq: 18 Nov 2017 05:07

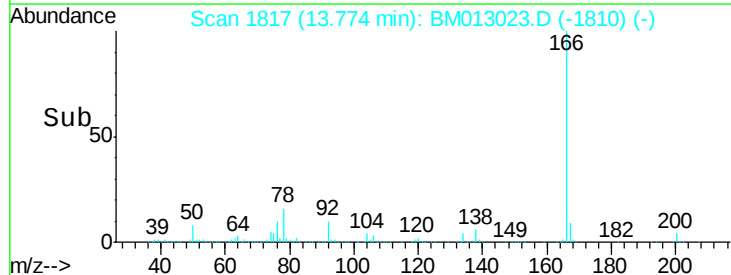
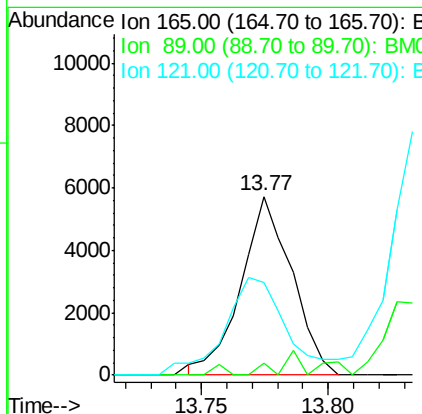
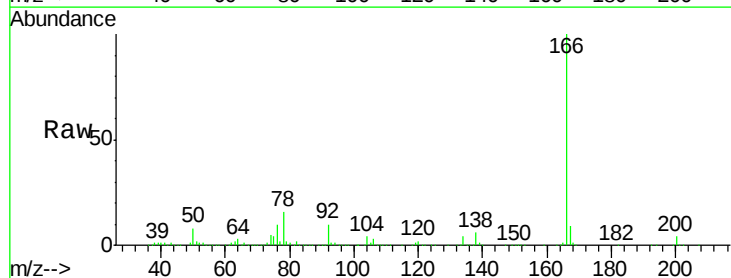
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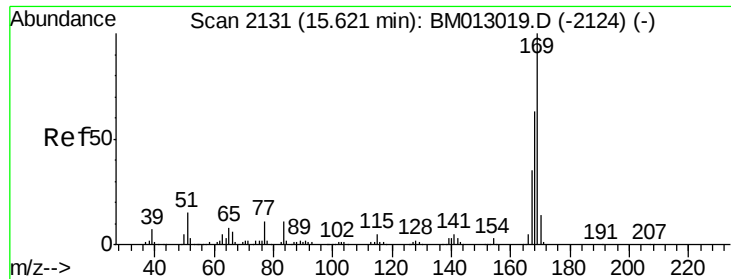
Tot Ion:107 Resp: 99842
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.4 30.6#
 142 0.0 60.5 90.7#



#45
 2,6-Dinitrotoluene
 Concen: 1.71 ng/ul
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.16 min
 Lab File: BM013023.D
 Acq: 18 Nov 2017 05:07

Tgt Ion:165 Resp: 7982
 Ion Ratio Lower Upper
 165 100
 89 6.5 52.6 79.0#
 121 51.6 14.6 22.0#





#64
 N-Nitrosodiphenylamine
 Concen: 2.33 ng/ul
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM013023.D
 Acq: 18 Nov 2017 05:07

Instrument :
 BNA_M
 ClientSampleId :
 BE2X1

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.0	81.0
167	32.3	29.1	43.7

