

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013032.D
 Acq On : 18 Nov 2017 10:25
 Operator : SJ/JU
 Sample : I6405-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 20 00:30:44 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	161367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	638206	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	375137	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	886791	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1048565	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1051990	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	21822	6.26	ng/uL	0.00
5) Phenol-d5	6.89	99	105817	7.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	270127	34.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	311001	27.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	198883	17.37	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	189366	41.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	192625	44.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	365158	33.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1587	0.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1205847	36.65	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1478114	35.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	45645	9.15	ng/ul	0.00
57) Fluorene-d10	15.35	176	1040997	37.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	168673	43.87	ng/ul	0.00
70) Anthracene-d10	17.20	188	1671235	36.81	ng/ul	0.00
76) Pyrene-d10	19.50	212	1935566	36.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	2020784	37.88	ng/ul	0.00

Target Compounds

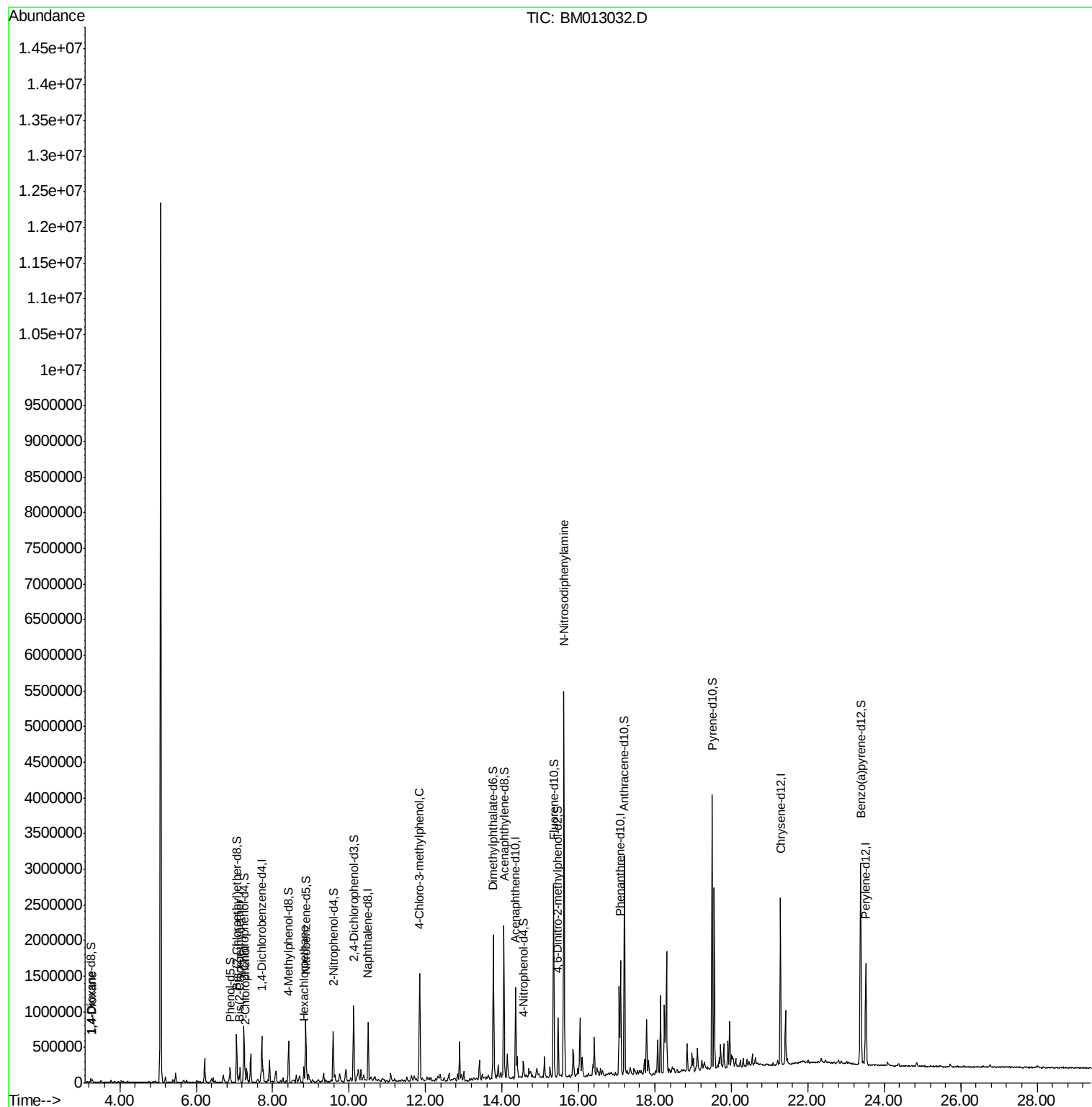
					Ovalue	
2) 1,4-Dioxane	3.28	88	15801	4.13	ng/uL#	62
8) Bis(2-Chloroethyl)ether	7.15	93	108434	10.44	ng/ul	94
10) 2-Chlorophenol	7.28	128	25287	2.29	ng/ul	98
17) Hexachloroethane	8.82	117	13514	2.89	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.85	107	333270	30.66	ng/ul#	21
64) N-Nitrosodiphenylamine	15.62	169	1952075	70.12	ng/ul	98

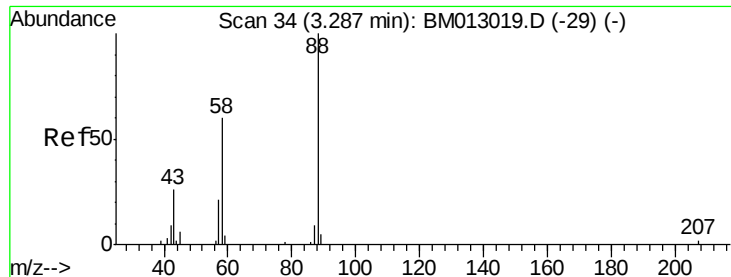
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.13 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM013032.D

Acq: 18 Nov 2017 10:25

Instrument :

BNA_M

ClientSampleId :

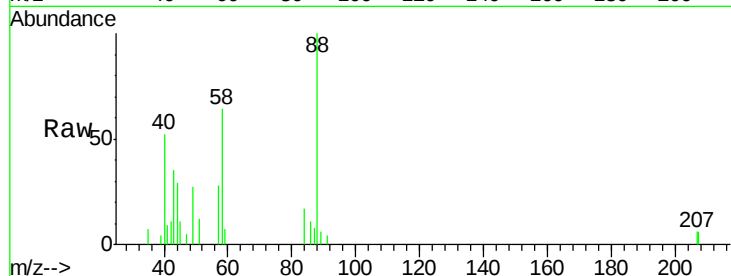
Tot Ion: 88 Resp: 15801

Ion Ratio Lower Upper

88 100

43 37.2 48.0 72.0#

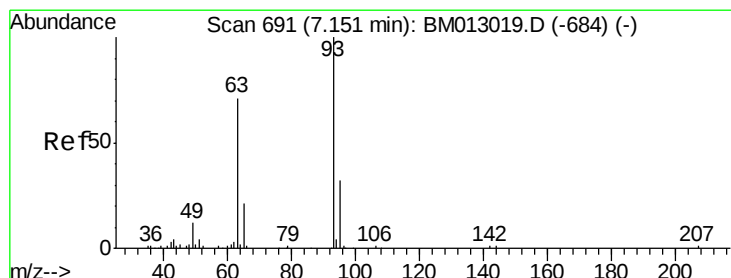
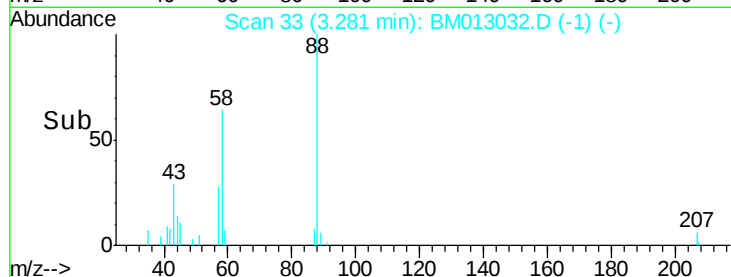
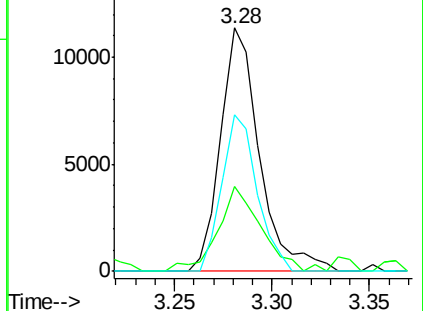
58 58.0 80.0 120.0#



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) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 10.44 ng/uL

RT: 7.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM013032.D

Acq: 18 Nov 2017 10:25

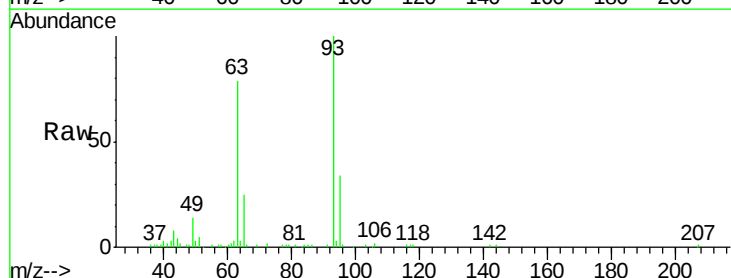
Tgt Ion: 93 Resp: 108434

Ion Ratio Lower Upper

93 100

63 78.6 57.3 85.9

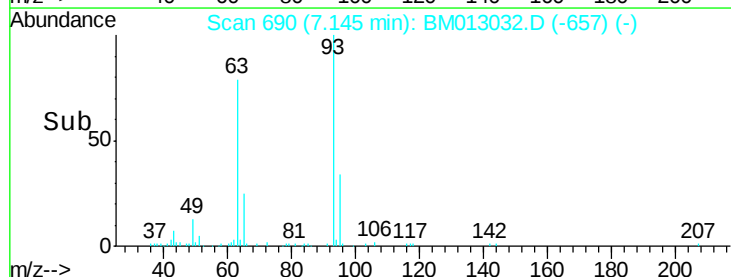
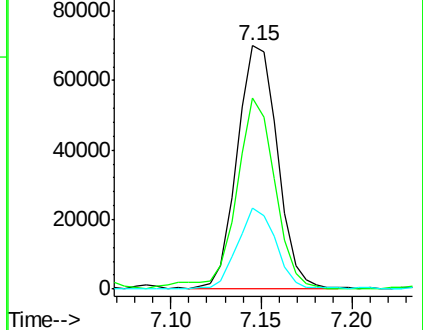
95 33.5 26.6 39.8

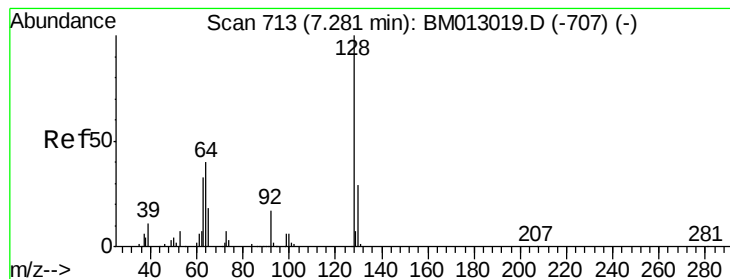


Abundance Ion 93.00 (92.70 to 93.70): BM013019.D (-684) (-)

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

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





#10

2-Chlorophenol

Concen: 2.29 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM013032.D

Acq: 18 Nov 2017 10:25

Instrument :

BNA_M

ClientSampled :

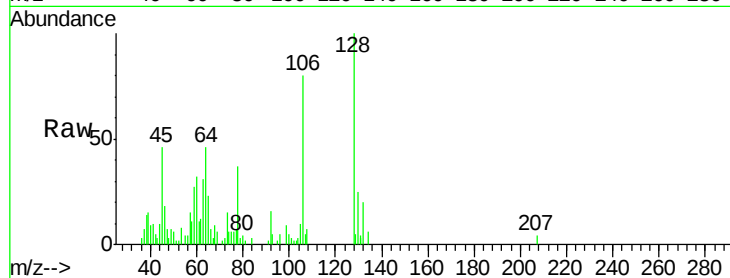
Tot Ion:128 Resp: 25287

Ion Ratio Lower Upper

128 100

64 46.4 38.0 57.0

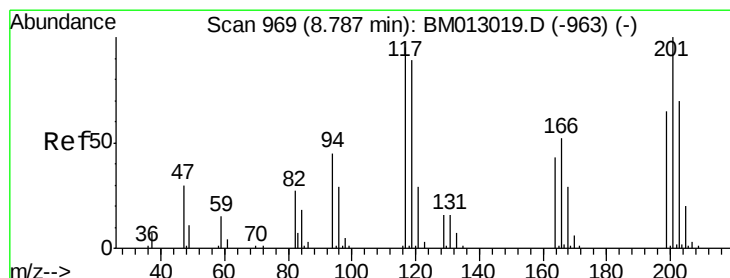
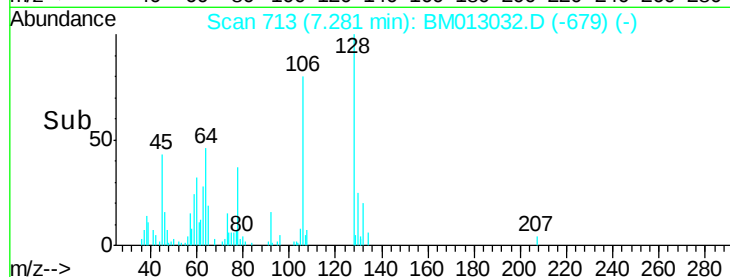
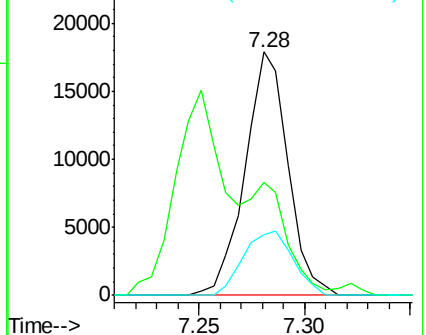
130 28.7 24.4 36.6



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



#17

Hexachloroethane

Concen: 2.89 ng/ul

RT: 8.82 min Scan# 974

Delta R.T. 0.03 min

Lab File: BM013032.D

Acq: 18 Nov 2017 10:25

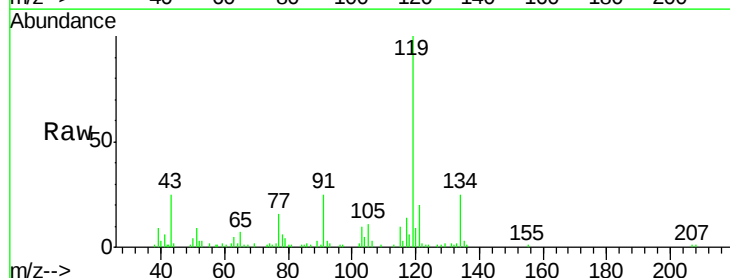
Tgt Ion:117 Resp: 13514

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

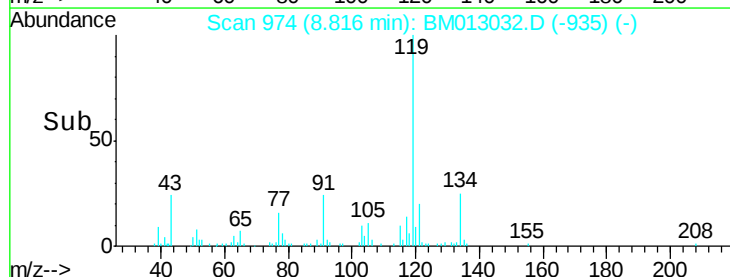
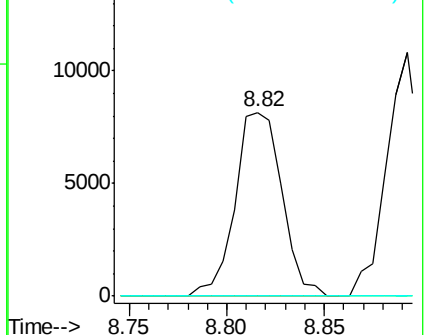
199 0.0 67.8 101.6#

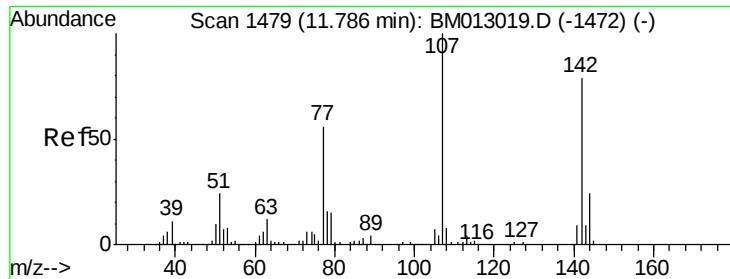


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

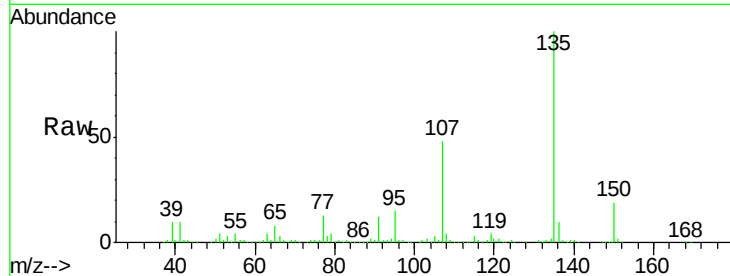




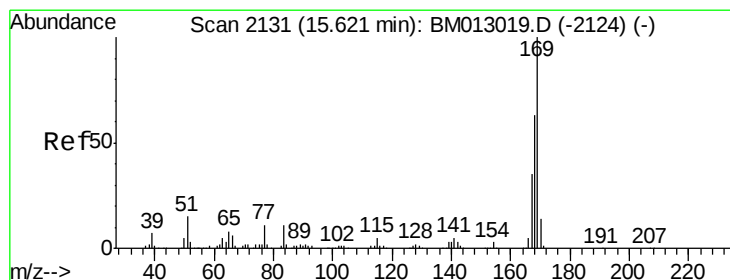
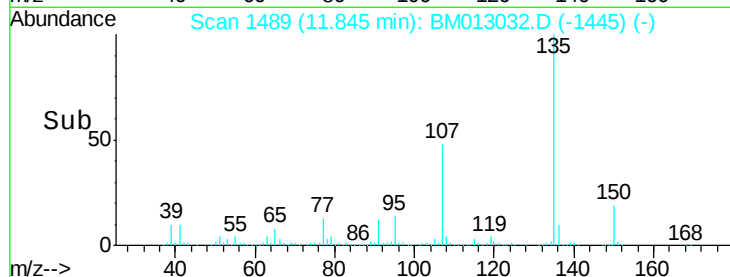
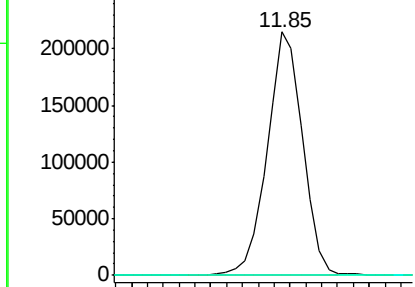
#33
 4-Chloro-3-methylphenol
 Concen: 30.66 ng/ul
 RT: 11.85 min Scan# 1489
 Delta R.T. 0.06 min
 Lab File: BM013032.D
 Acq: 18 Nov 2017 10:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:107 Resp: 333270
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.4 30.6#
 142 0.0 60.5 90.7#

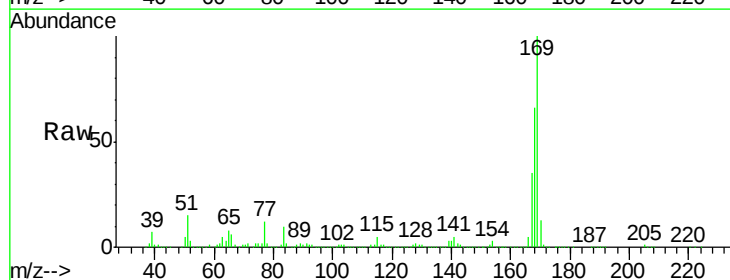


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



#64
 N-Nitrosodiphenylamine
 Concen: 70.12 ng/ul
 RT: 15.62 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BM013032.D
 Acq: 18 Nov 2017 10:25

Tgt Ion:169 Resp: 1952075
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.0 81.0
 167 34.7 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

