

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013833.D
 Acq On : 26 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1233-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 08:07:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 02:50:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	143626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	511609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	290858	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	655267	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	752447	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	727503	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15079	4.15	ng/uL	0.00
5) Phenol-d5	6.77	99	352333	31.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	211254	31.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	294388	32.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	291679	34.41	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	151792	38.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	165096	39.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	301140	37.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	347753	49.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	829341	34.60	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1030789	33.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	116297	29.85	ng/ul	0.00
57) Fluorene-d10	15.24	176	703870	33.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	123315	31.27	ng/ul	0.00
70) Anthracene-d10	17.09	188	1092734	34.24	ng/ul	0.00
76) Pyrene-d10	19.40	212	1343297	38.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	1502975	44.95	ng/ul	0.00

Target Compounds

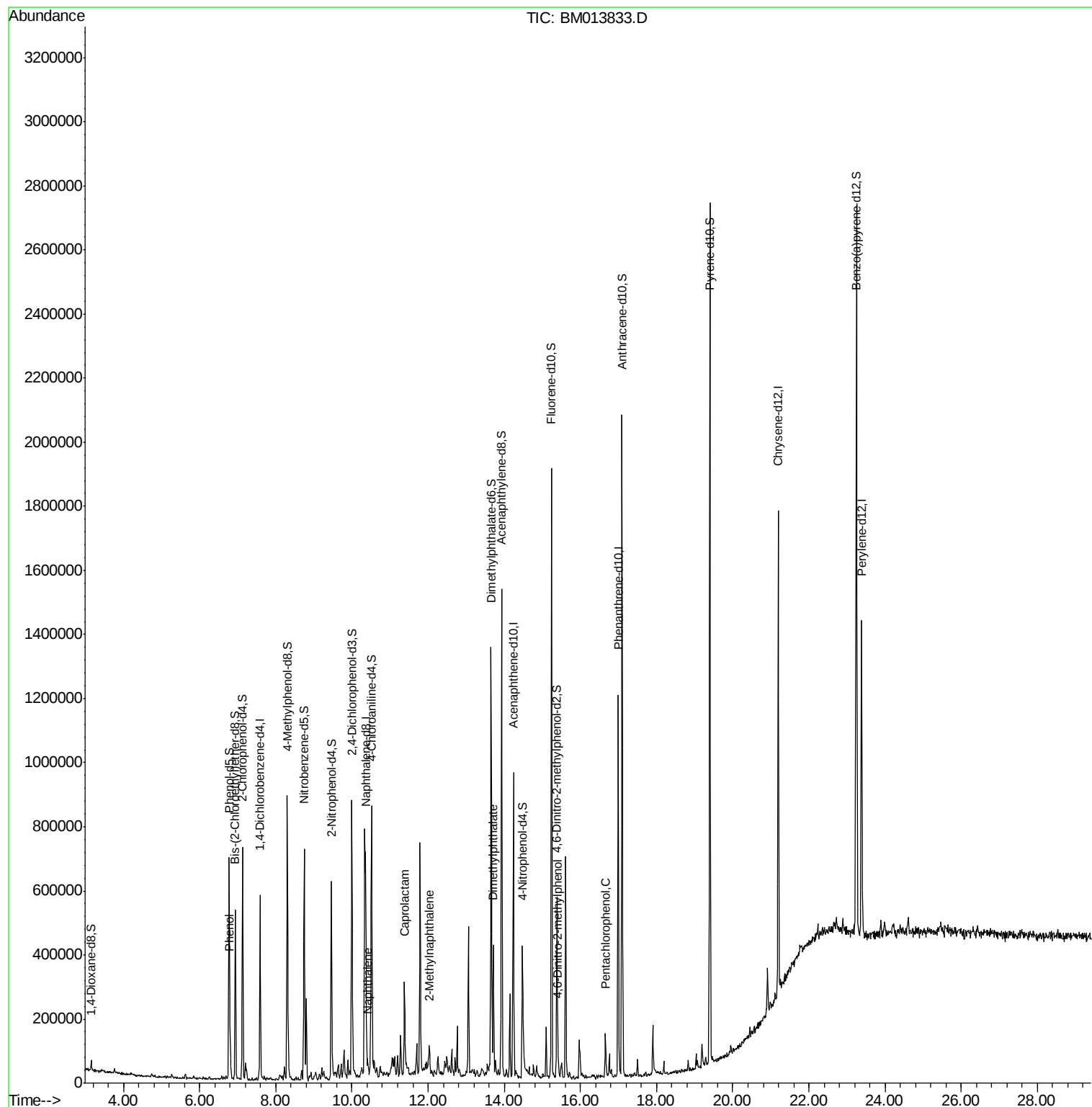
				Ovalue	
6) Phenol	6.80	94	32375	2.927	ng/ul 98
28) Naphthalene	10.41	128	29904	1.175	ng/ul 97
32) Caprolactam	11.39	113	10714	4.931	ng/ul# 78
34) 2-Methylnaphthalene	12.04	142	41491	2.186	ng/ul 95
44) Dimethylphthalate	13.71	163	207354	8.798	ng/ul 98
63) 4,6-Dinitro-2-methylphenol	15.41	198	10384	2.494	ng/ul# 80
68) Pentachlorophenol	16.66	266	26212	5.921	ng/ul 94

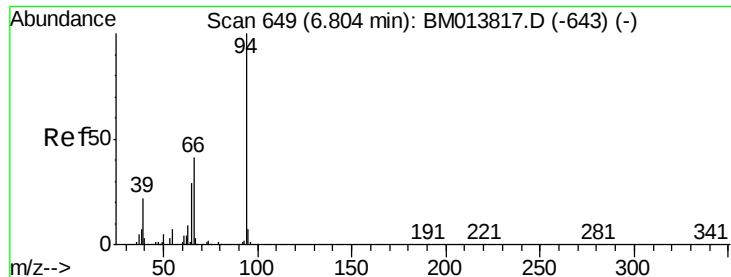
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.927 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM013833.D

Acq: 26 Jan 2018 07:28

Instrument :

BNA_M

ClientSampleId :

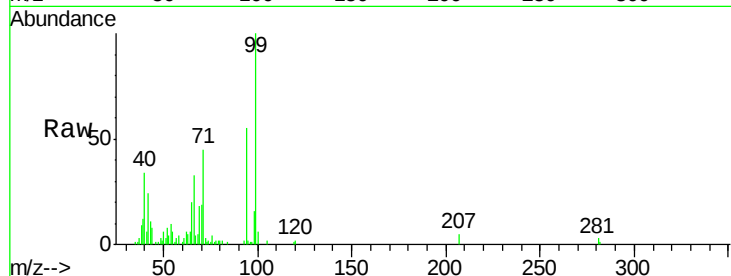
Tot Ion: 94 Resp: 32375

Ion Ratio Lower Upper

94 100

65 36.0 28.2 42.4

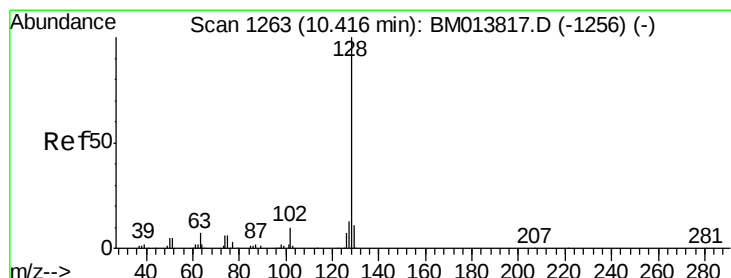
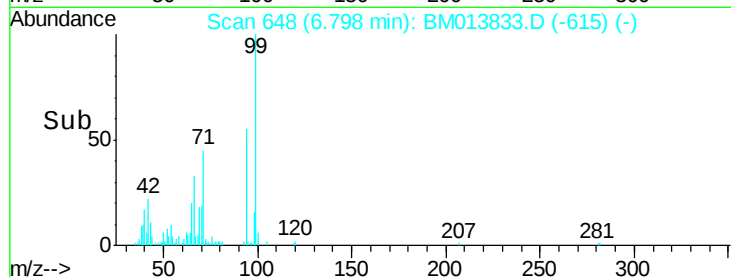
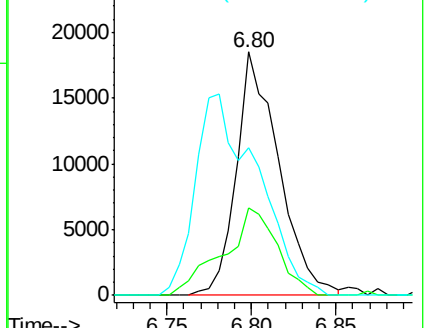
66 60.8 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013817.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013817.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013817.D (-643) (-)



#28

Naphthalene

Concen: 1.175 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM013833.D

Acq: 26 Jan 2018 07:28

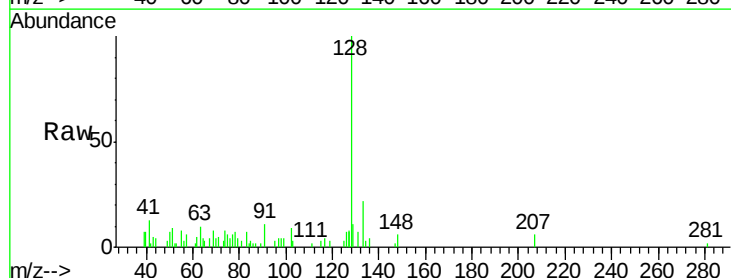
Tgt Ion: 128 Resp: 29904

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

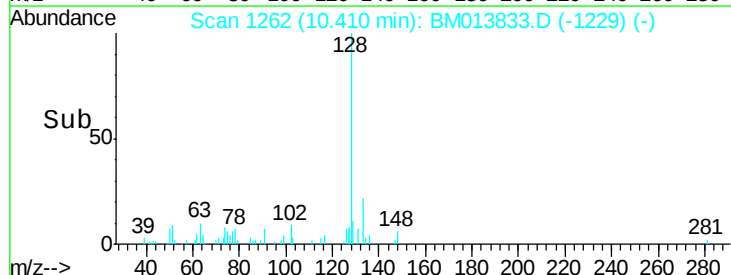
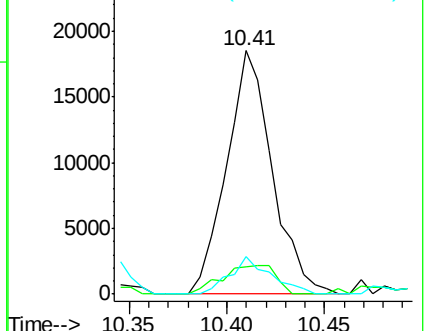
127 15.4 10.6 16.0

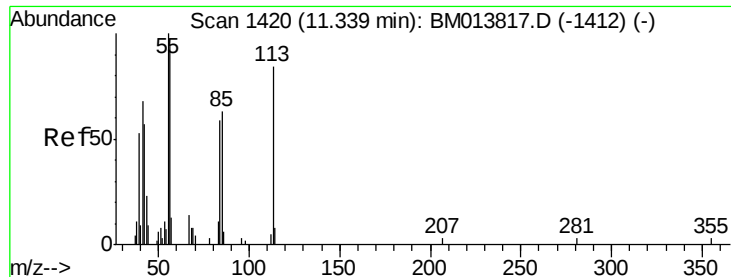


Abundance Ion 128.00 (127.70 to 128.70): BM013817.D (-1256) (-)

Ion 129.00 (128.70 to 129.70): BM013817.D (-1256) (-)

Ion 127.00 (126.70 to 127.70): BM013817.D (-1256) (-)

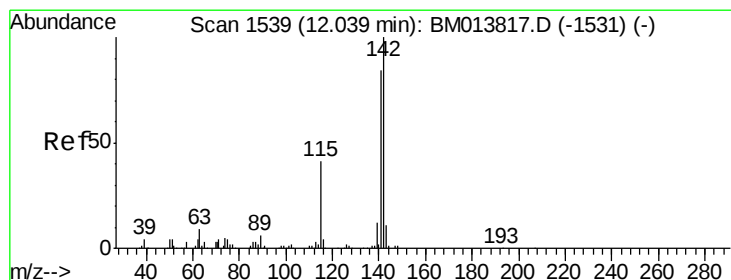
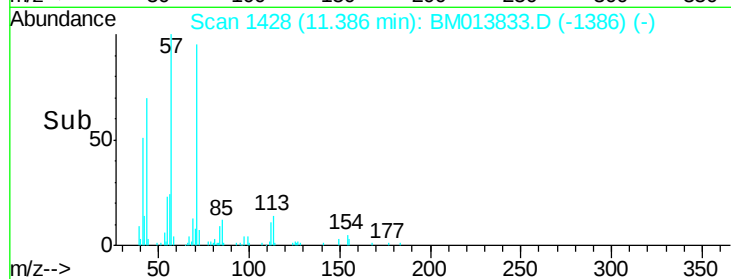
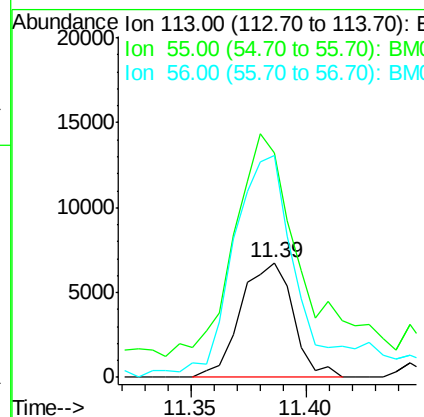
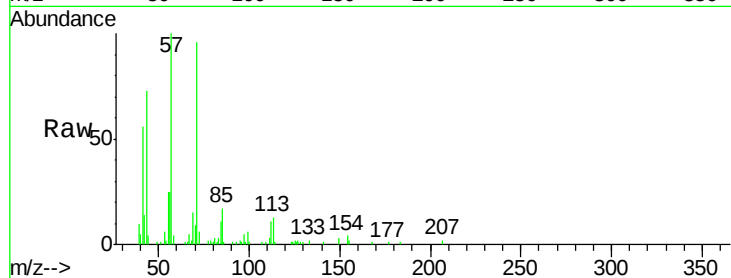




#32
 Caprolactam
 Concen: 4.931 ng/ul
 RT: 11.39 min Scan# 1428
 Delta R.T. 0.05 min
 Lab File: BM013833.D
 Acq: 26 Jan 2018 07:28

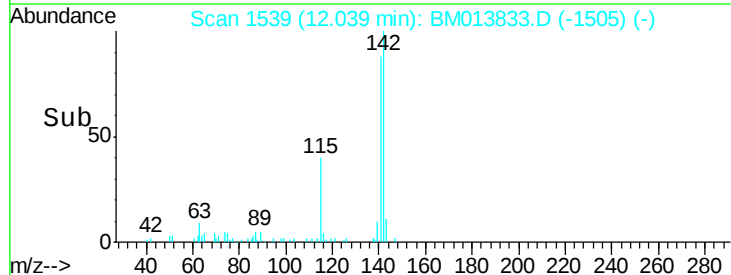
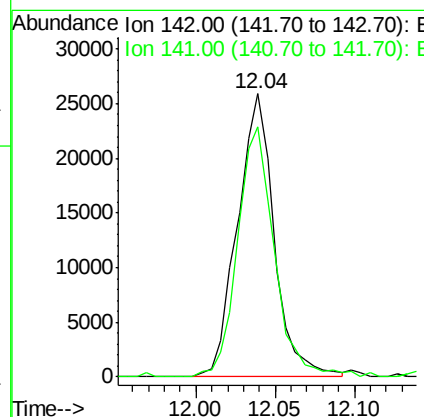
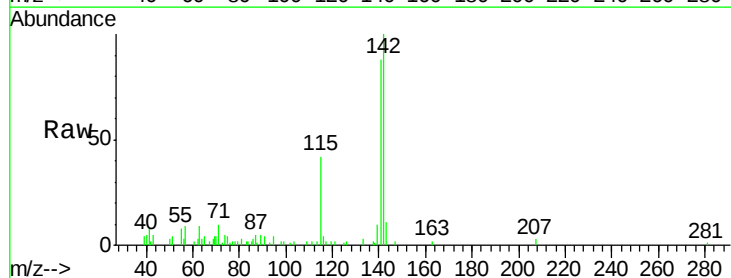
Instrument :
 BNA_M
 ClientSampled :

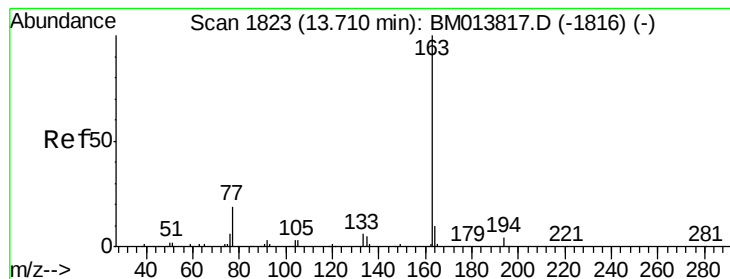
Tot Ion:113 Resp: 10714
 Ion Ratio Lower Upper
 113 100
 55 195.8 208.0 312.0#
 56 193.5 160.0 240.0



#34
 2-Methylnaphthalene
 Concen: 2.186 ng/ul
 RT: 12.04 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BM013833.D
 Acq: 26 Jan 2018 07:28

Tgt Ion:142 Resp: 41491
 Ion Ratio Lower Upper
 142 100
 141 88.1 74.1 111.1





#44

Dimethylphthalate

Concen: 8.798 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM013833.D

Acq: 26 Jan 2018 07:28

Instrument :

BNA_M

ClientSampleId :

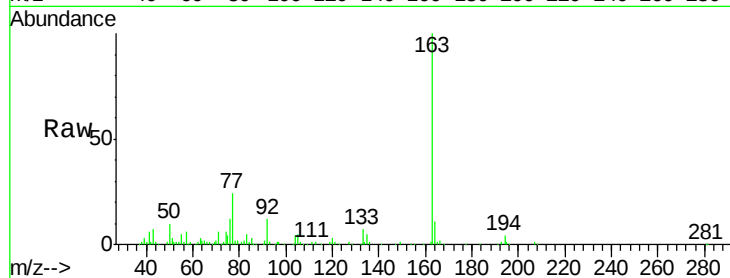
Tot Ion:163 Resp: 207354

Ion Ratio Lower Upper

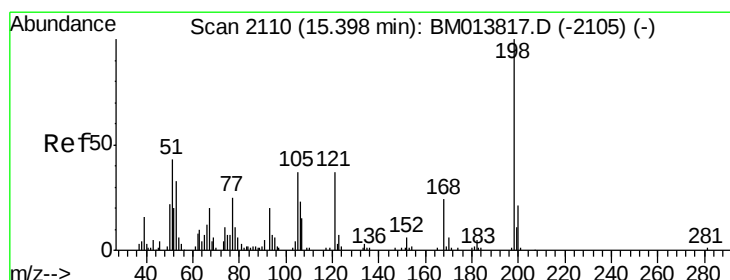
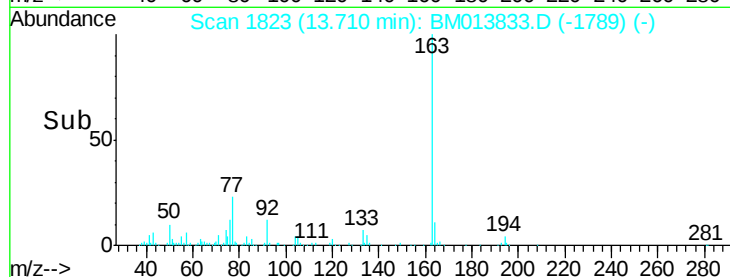
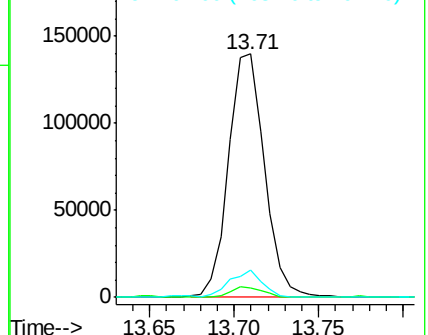
163 100

194 3.6 3.5 5.3

164 11.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 2.494 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BM013833.D

Acq: 26 Jan 2018 07:28

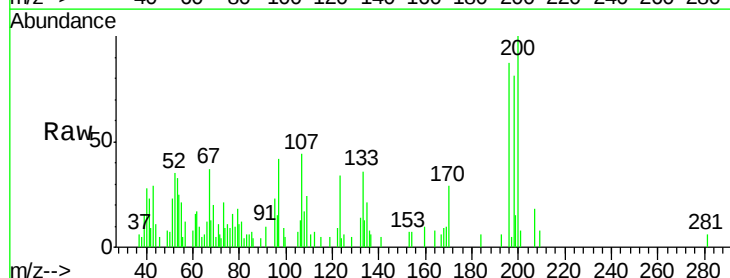
Tgt Ion:198 Resp: 10384

Ion Ratio Lower Upper

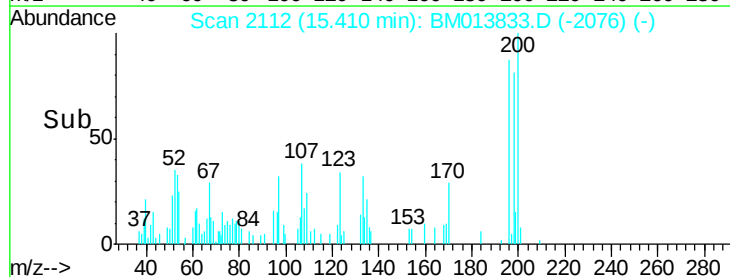
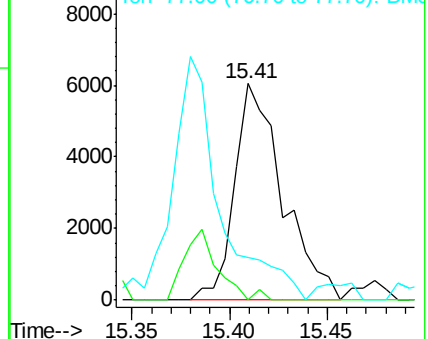
198 100

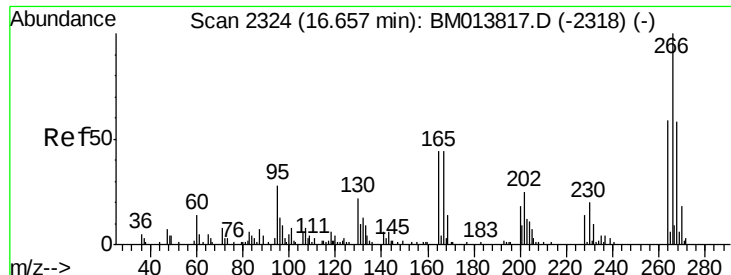
182 0.0 3.8 5.6#

77 19.9 25.2 37.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM





#68

Pentachlorophenol

Concen: 5.921 ng/ul

RT: 16.66 min Scan# 2325

Delta R.T. 0.01 min

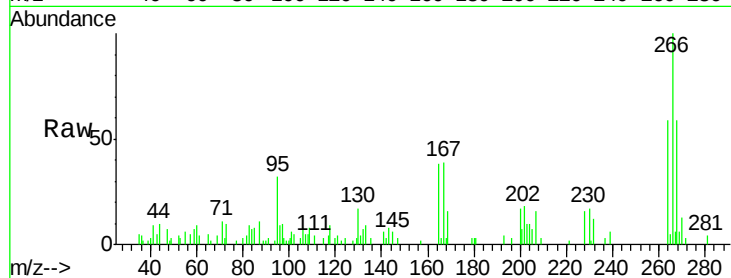
Lab File: BM013833.D

Acq: 26 Jan 2018 07:28

Instrument :

BNA_M

ClientSampleId :



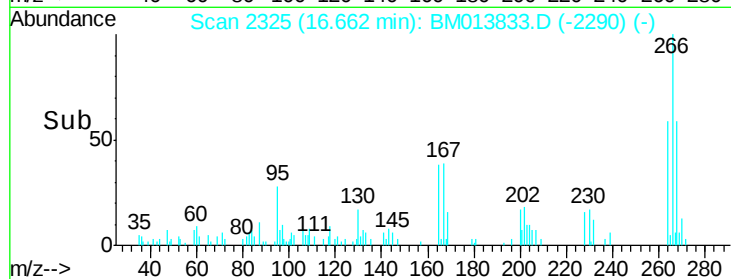
Tot Ion:266 Resp: 26212

Ion Ratio Lower Upper

266 100

264 59.0 49.3 73.9

268 59.1 52.6 78.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

