

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013820.D
 Acq On : 25 Jan 2018 23:46
 Operator : SJ/JU
 Sample : J1233-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 02:57:24 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	144752	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	549945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	306296	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	697566	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	754696	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	737350	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15049	4.11	ng/uL	0.00
5) Phenol-d5	6.78	99	309312	27.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	184726	27.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	258508	28.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	264618	30.98	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	129750	30.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	143425	31.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	263940	30.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	282963	37.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	836180	33.12	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1027970	31.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	108327	26.40	ng/ul	0.00
57) Fluorene-d10	15.24	176	706314	31.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	121112	28.84	ng/ul	0.00
70) Anthracene-d10	17.10	188	1083954	31.90	ng/ul	0.00
76) Pyrene-d10	19.40	212	1225065	34.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	1177241	34.74	ng/ul	0.00

Target Compounds

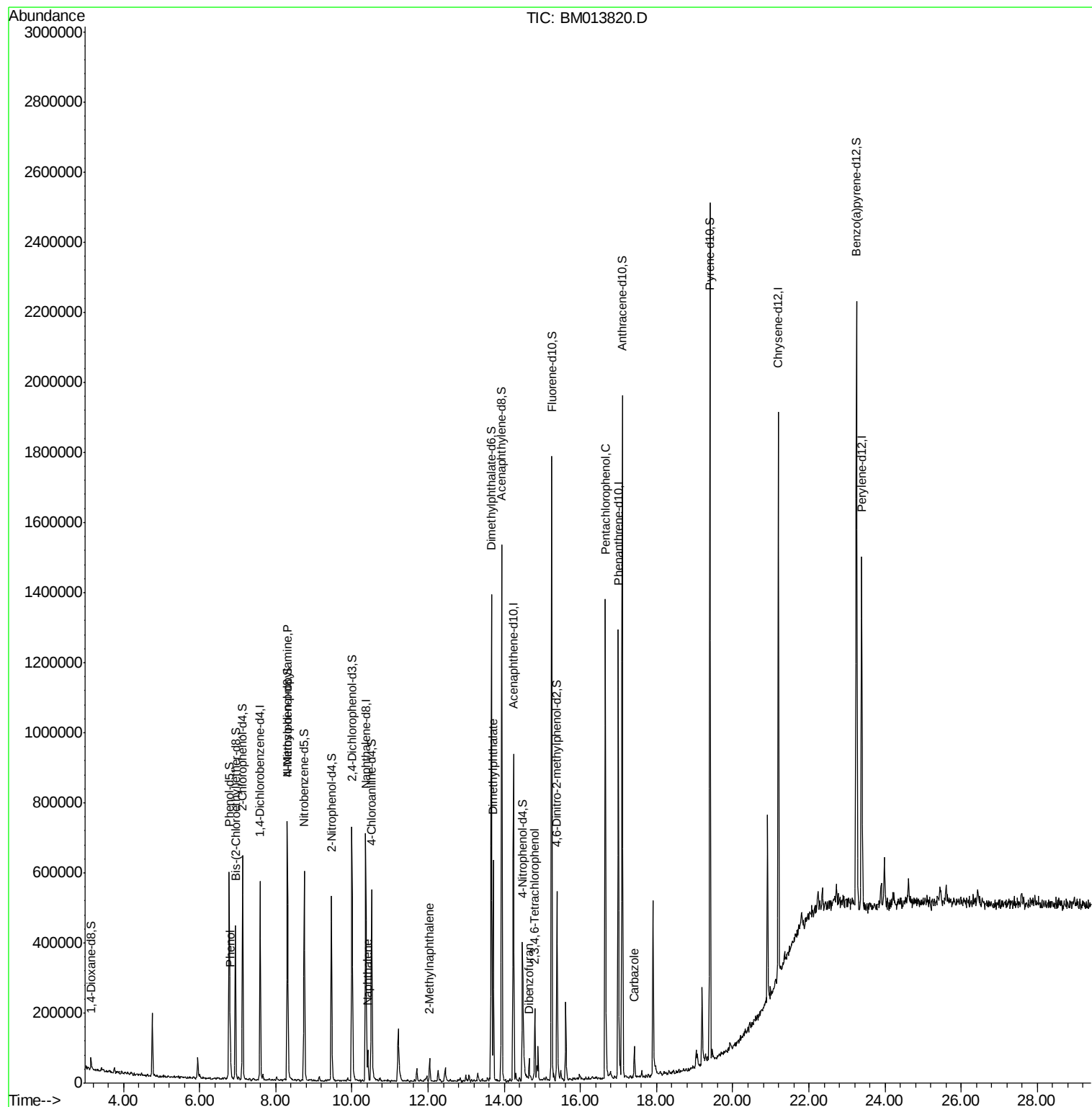
					Ovalue	
6) Phenol	6.80	94	44994	4.037	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.31	70	8315	1.206	ng/ul#	1
28) Naphthalene	10.42	128	66636	2.436	ng/ul#	93
34) 2-Methylnaphthalene	12.04	142	29688	1.455	ng/ul	94
44) Dimethylphthalate	13.71	163	374396	15.084	ng/ul	98
53) Dibenzofuran	14.65	168	33796	1.101	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.80	232	43517	6.768	ng/ul	94
68) Pentachlorophenol	16.66	266	230392	48.888	ng/ul	99
72) Carbazole	17.42	167	55470	1.680	ng/ul	96

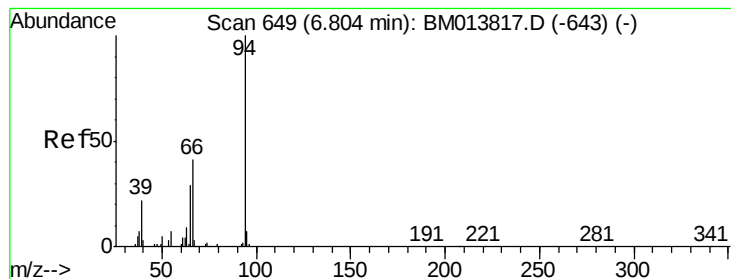
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.037 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013820.D

Acq: 25 Jan 2018 23:46

Instrument :

BNA_M

ClientSampleId :

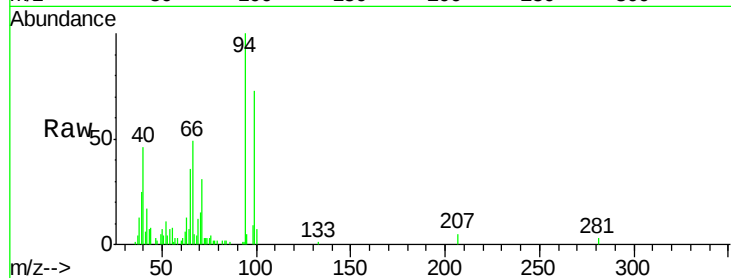
Tot Ion: 94 Resp: 44994

Ion Ratio Lower Upper

94 100

65 36.5 28.2 42.4

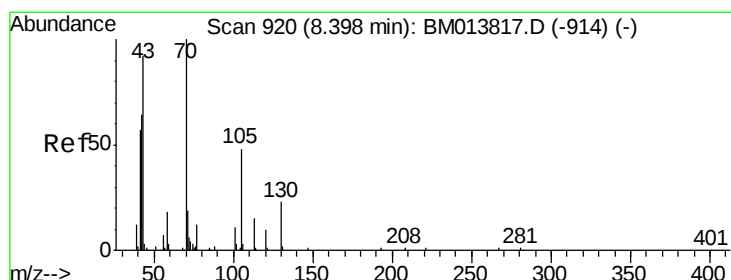
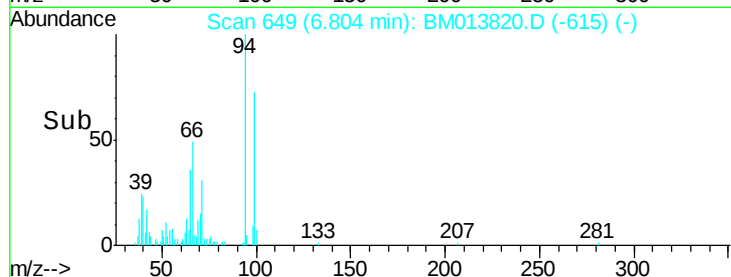
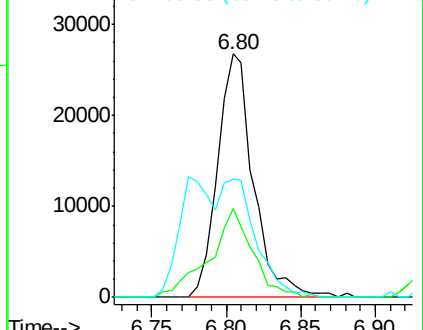
66 48.8 47.2 70.8



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) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.206 ng/ul

RT: 8.31 min Scan# 905

Delta R.T. -0.09 min

Lab File: BM013820.D

Acq: 25 Jan 2018 23:46

Tgt Ion: 70 Resp: 8315

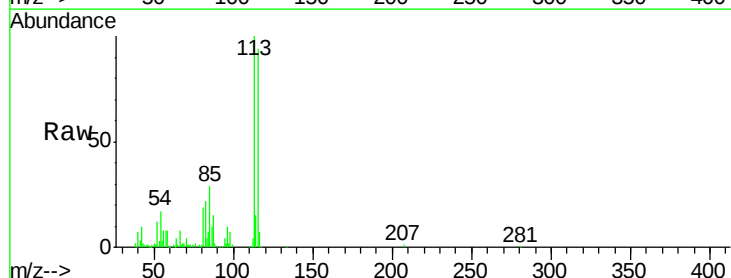
Ion Ratio Lower Upper

70 100

42 279.6 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

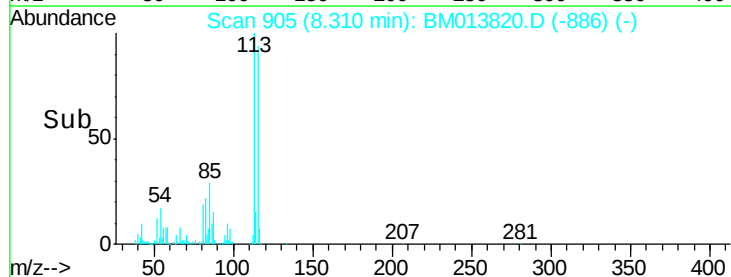
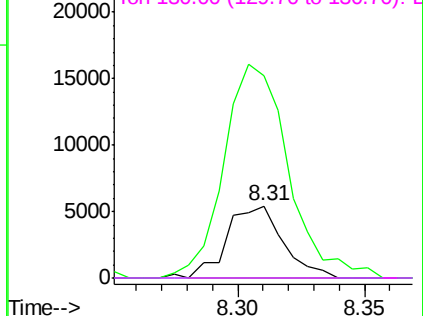


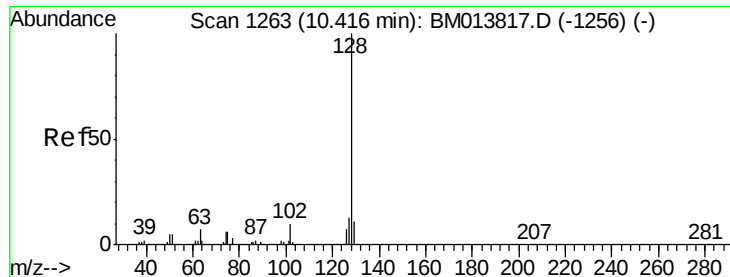
Abundance Ion 70.00 (69.70 to 70.70): BM013817.D (-914) (-)

Ion 42.00 (41.70 to 42.70): BM013817.D (-914) (-)

Ion 101.00 (100.70 to 101.70): BM013817.D (-914) (-)

Ion 130.00 (129.70 to 130.70): BM013817.D (-914) (-)





#28

Naphthalene

Concen: 2.436 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM013820.D

Acq: 25 Jan 2018 23:46

Instrument :

BNA_M

ClientSampleId :

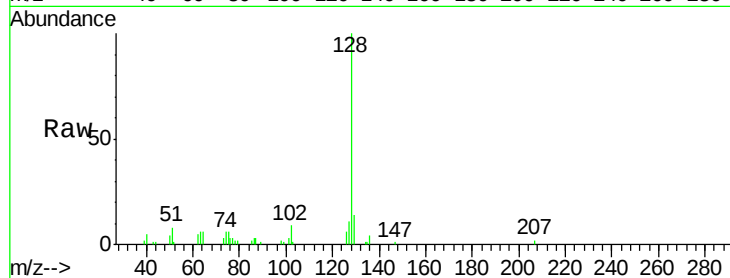
Tot Ion:128 Resp: 66636

Ion Ratio Lower Upper

128 100

129 13.6 8.8 13.2#

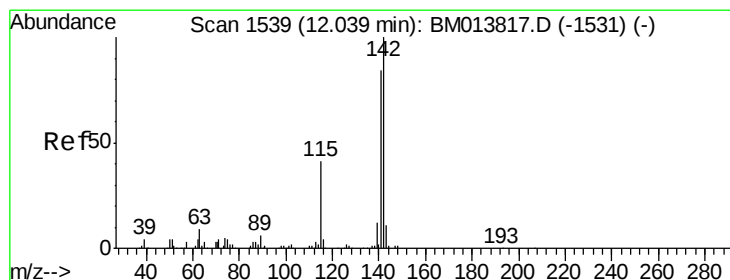
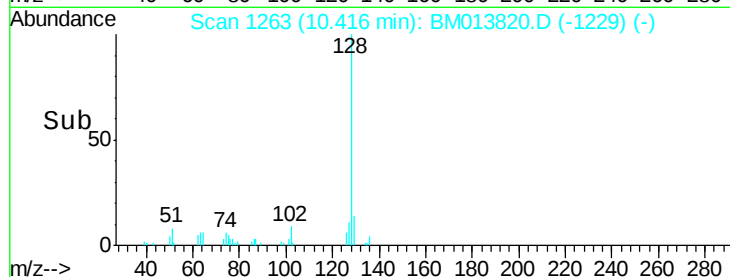
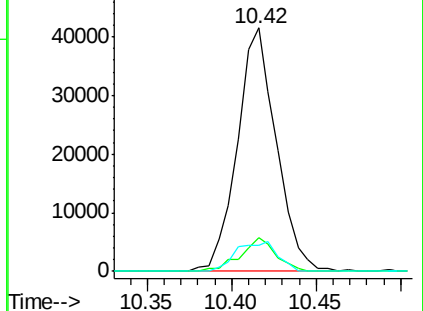
127 10.6 10.6 16.0#



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



#34

2-Methylnaphthalene

Concen: 1.455 ng/ul

RT: 12.04 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM013820.D

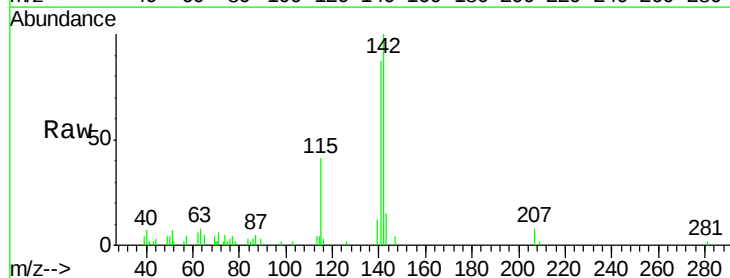
Acq: 25 Jan 2018 23:46

Tgt Ion:142 Resp: 29688

Ion Ratio Lower Upper

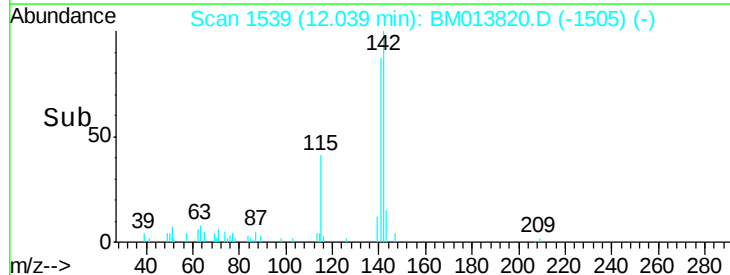
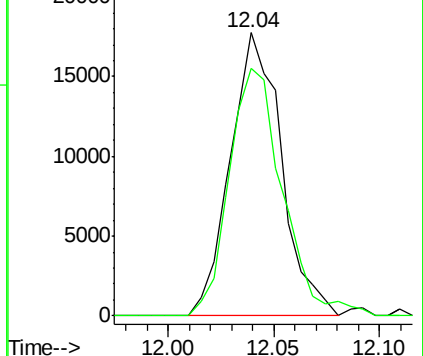
142 100

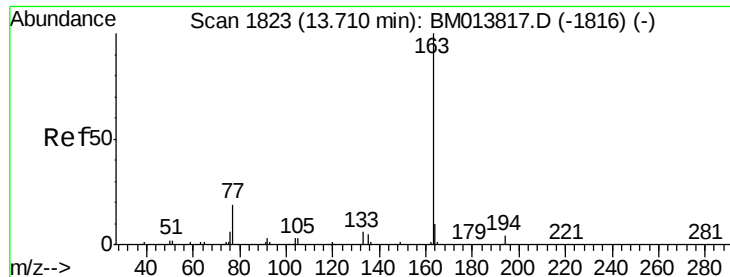
141 87.2 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

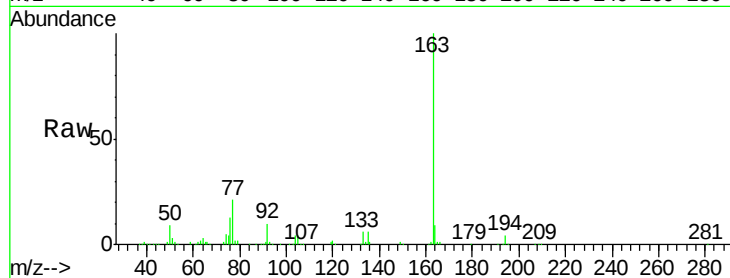




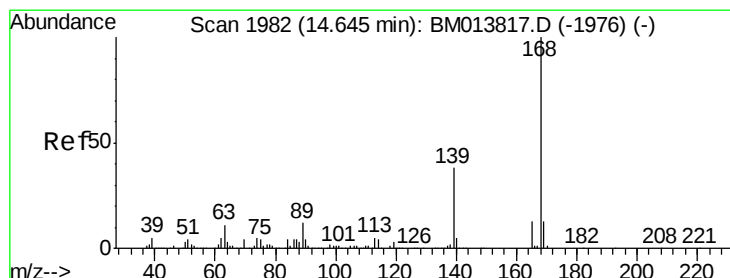
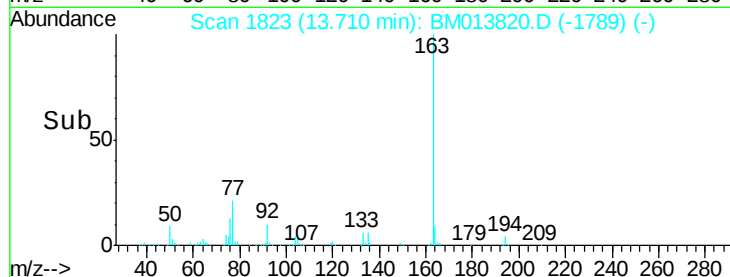
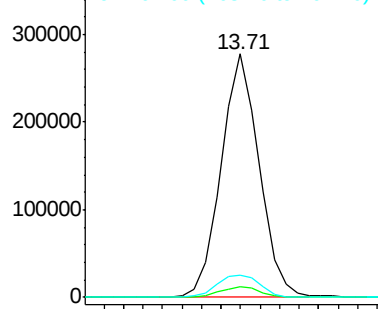
#44
Dimethylphthalate
Concen: 15.084 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 374396
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.0 8.2 12.4

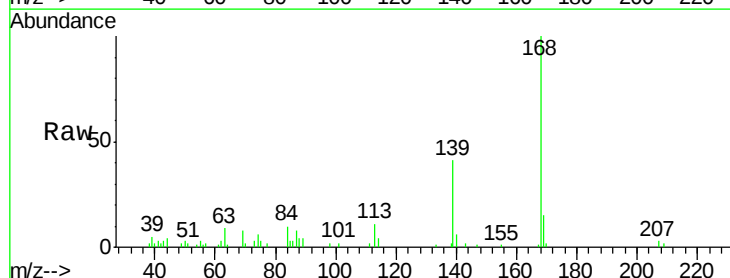


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

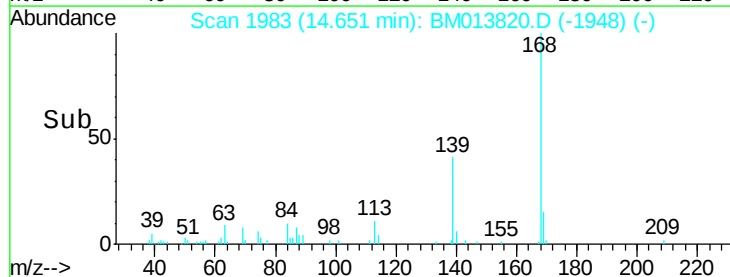
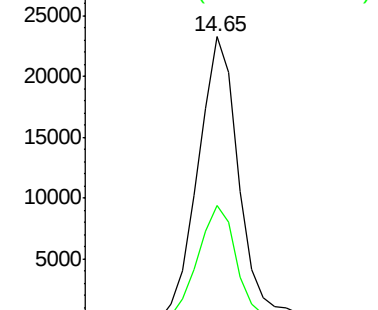


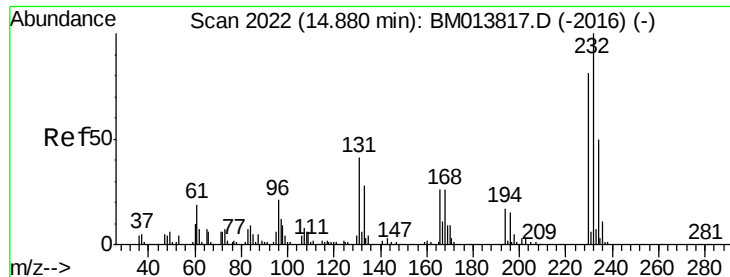
#53
Dibenzofuran
Concen: 1.101 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM013820.D
Acq: 25 Jan 2018 23:46

Tgt Ion:168 Resp: 33796
Ion Ratio Lower Upper
168 100
139 40.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 6.768 ng/ul

RT: 14.80 min Scan# 2009

Delta R.T. -0.08 min

Lab File: BM013820.D

Acq: 25 Jan 2018 23:46

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 43517

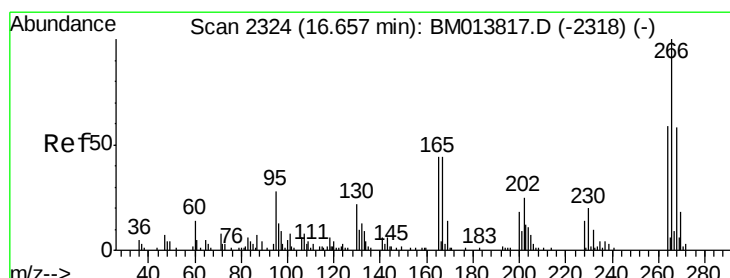
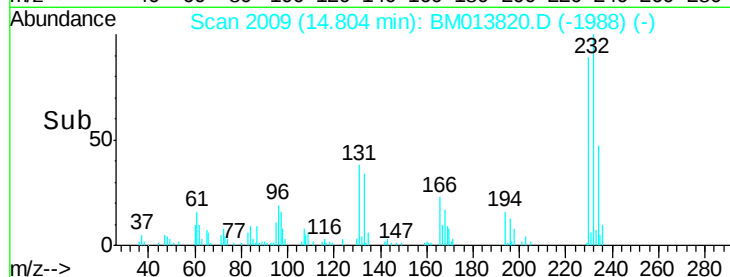
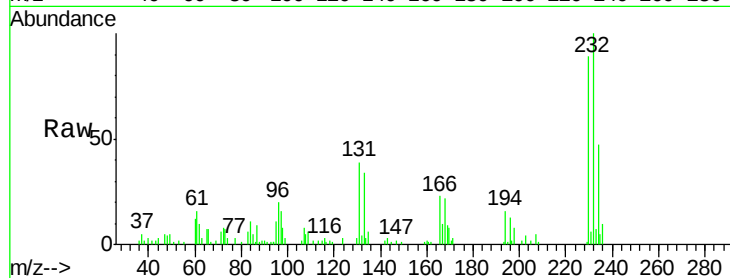
Ion	Ratio	Lower	Upper
232	100		
131	39.2	29.0	43.4
130	3.0	2.0	3.0
166	22.9	21.4	32.2

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#68

Pentachlorophenol

Concen: 48.888 ng/ul

RT: 16.66 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BM013820.D

Acq: 25 Jan 2018 23:46

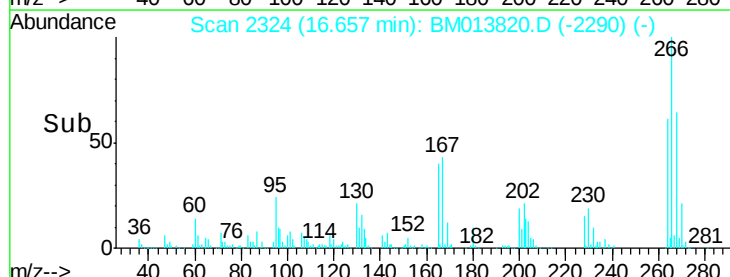
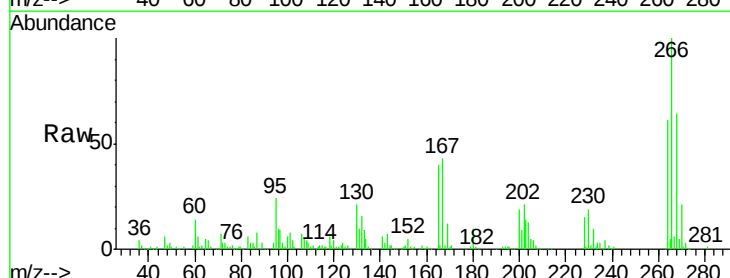
Tgt Ion:266 Resp: 230392

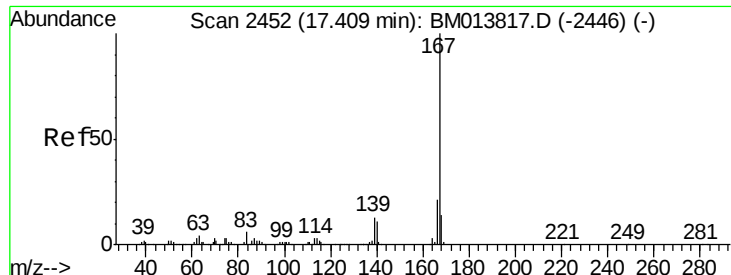
Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.3	73.9
268	64.2	52.6	78.8

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





#72

Carbazole

Concen: 1.680 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. 0.01 min

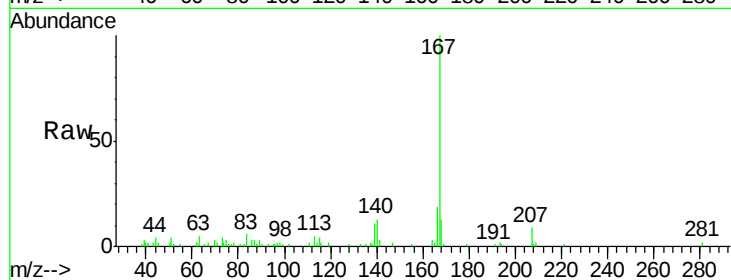
Lab File: BM013820.D

Acq: 25 Jan 2018 23:46

Instrument :

BNA_M

ClientSampleId :



Tot Ion:	167	Resp:	55470
Ion	Ratio	Lower	Upper
167	100		
166	19.1	17.1	25.7
139	11.2	10.0	15.0

