

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013826.D
 Acq On : 26 Jan 2018 03:20
 Operator : SJ/JU
 Sample : J1233-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 03:50:38 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	142378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	527704	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	295881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	667498	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	750584	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	728489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	16462	4.57	ng/uL	0.00
5) Phenol-d5	6.77	99	367281	33.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	223227	33.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	317923	35.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	308255	36.69	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	160602	39.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	174182	40.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	319259	38.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	333580	46.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	995341	40.82	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1225083	39.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	121419	30.64	ng/ul	0.00
57) Fluorene-d10	15.24	176	838873	39.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	139474	34.71	ng/ul	0.00
70) Anthracene-d10	17.09	188	1308961	40.26	ng/ul	0.00
76) Pyrene-d10	19.40	212	1479202	42.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	1450991	43.33	ng/ul	0.00

Target Compounds

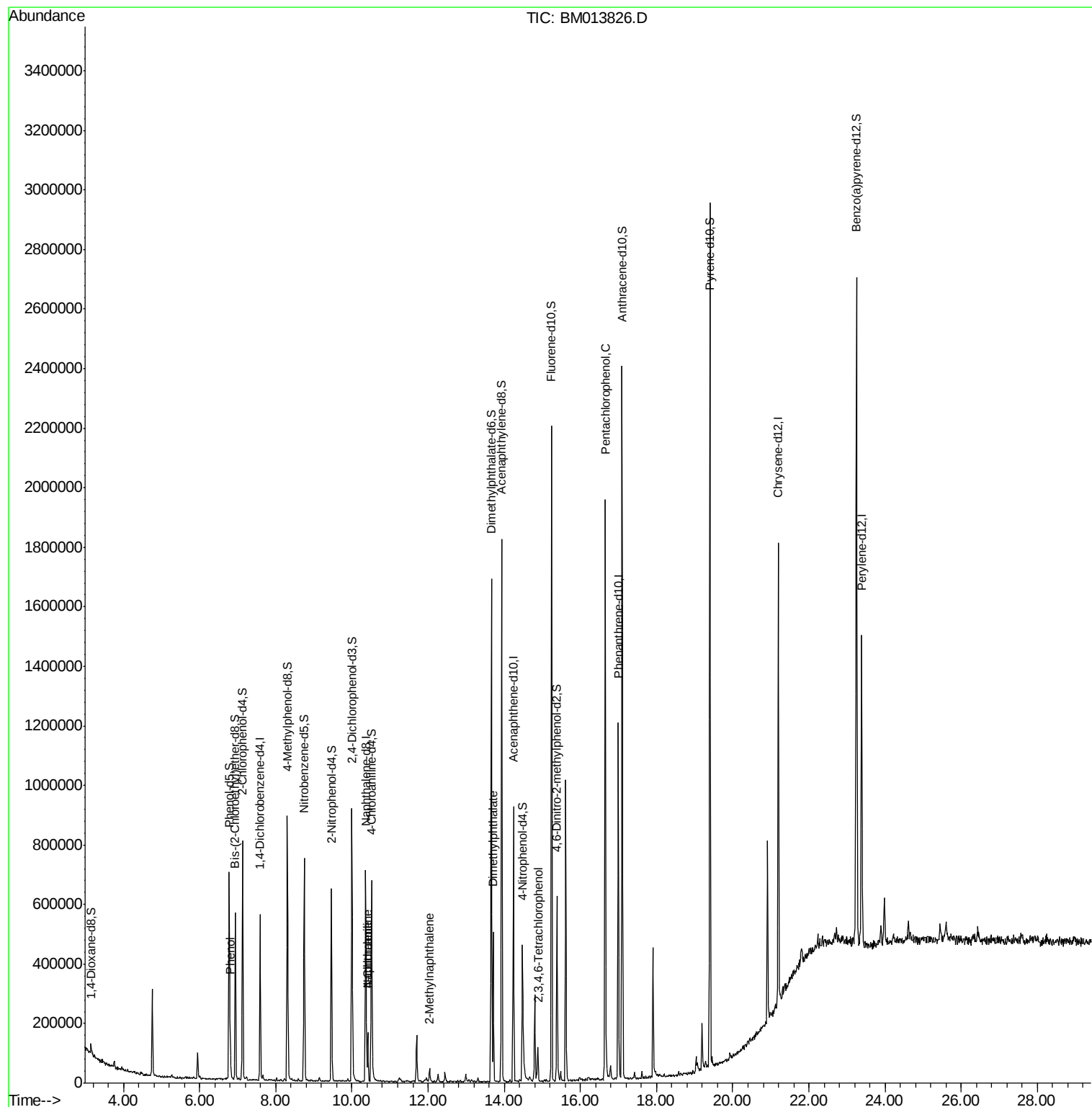
					Ovalue	
6) Phenol	6.80	94	50146	4.574	ng/ul#	88
28) Naphthalene	10.42	128	122884	4.681	ng/ul	98
30) 4-Chloroaniline	10.41	127	15919	2.214	ng/ul#	4
34) 2-Methylnaphthalene	12.04	142	23000	1.175	ng/ul	95
44) Dimethylphthalate	13.71	163	297862	12.423	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	20549	3.308	ng/ul#	80
68) Pentachlorophenol	16.65	266	307575	68.206	ng/ul	97

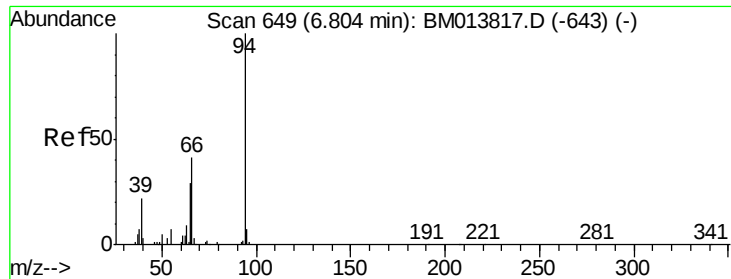
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.574 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM013826.D

Acq: 26 Jan 2018 03:20

Instrument :

BNA_M

ClientSampleId :

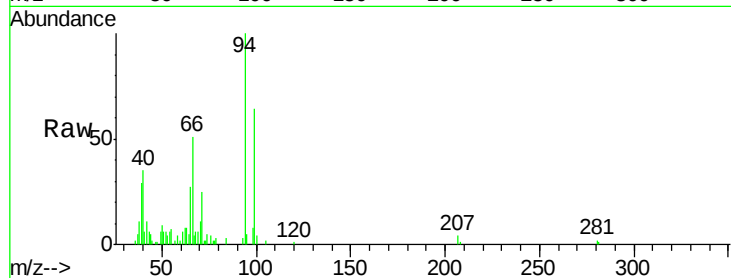
Tot Ion: 94 Resp: 50146

Ion Ratio Lower Upper

94 100

65 27.1 28.2 42.4#

66 50.8 47.2 70.8

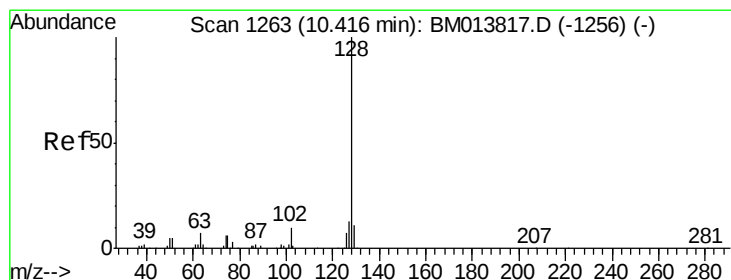
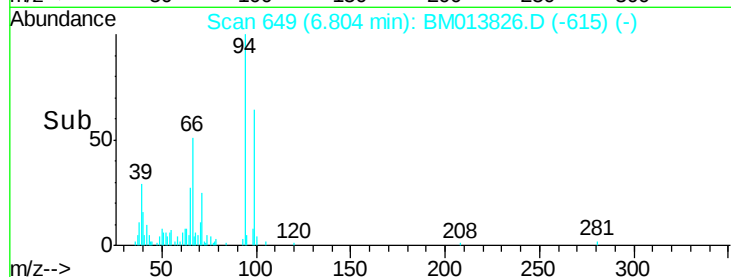
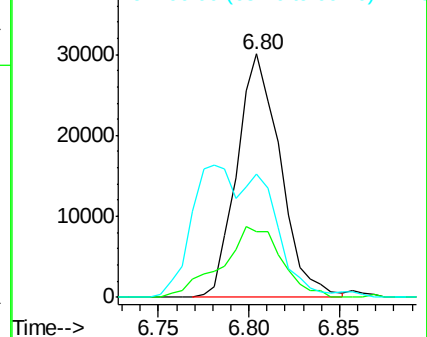


Abundance

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: 4.681 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM013826.D

Acq: 26 Jan 2018 03:20

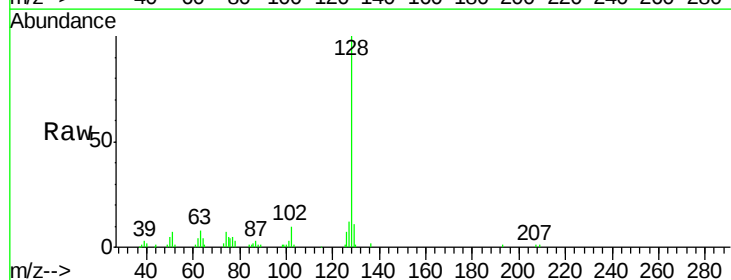
Tgt Ion: 128 Resp: 122884

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 12.2 10.6 16.0

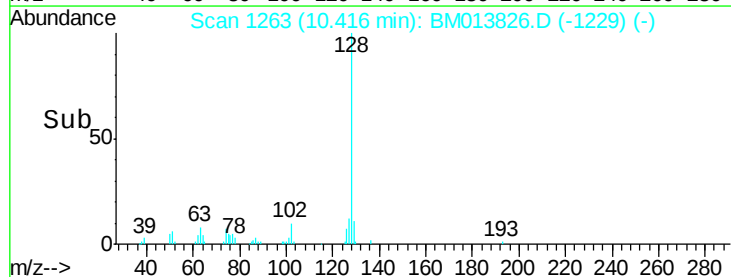
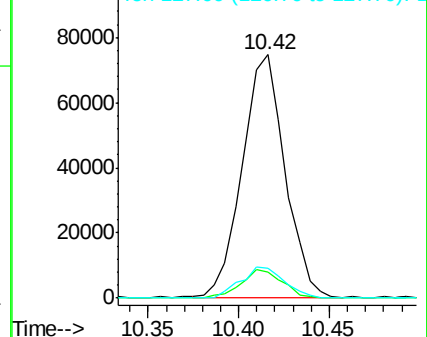


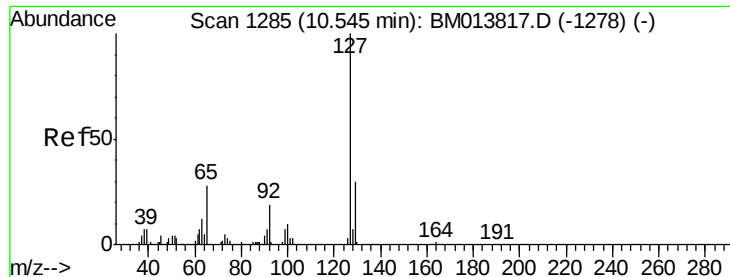
Abundance

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) (-)

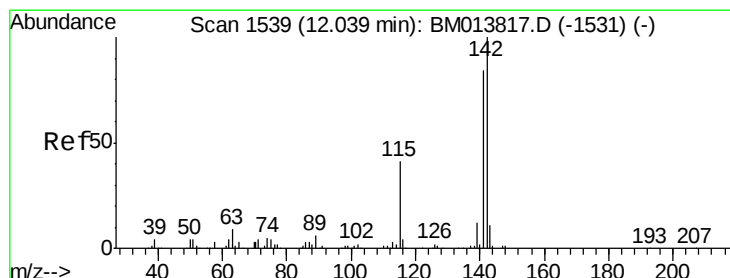
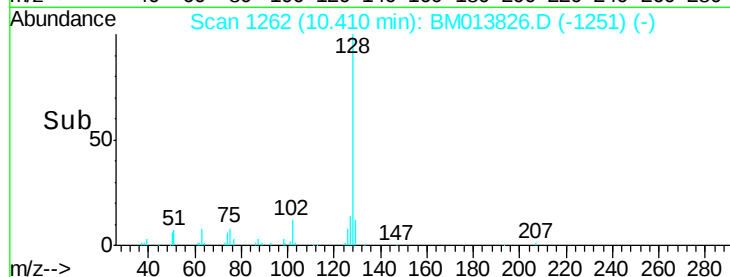
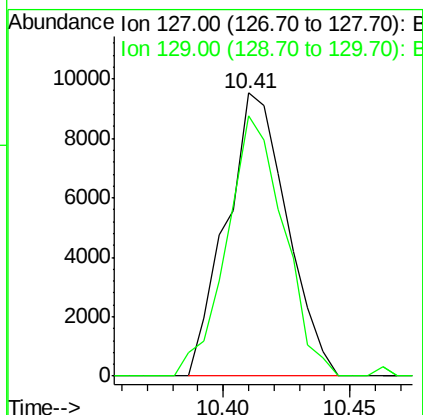
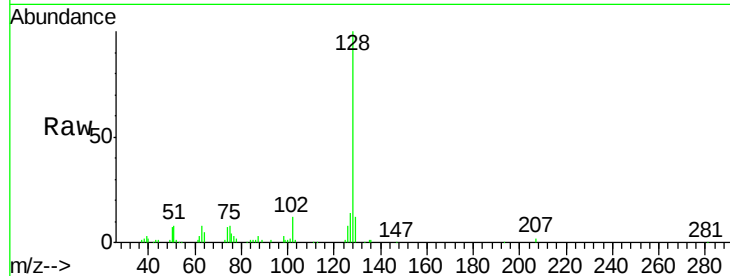




#30
4-Chloroaniline
Concen: 2.214 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.14 min
Lab File: BM013826.D
Acq: 26 Jan 2018 03:20

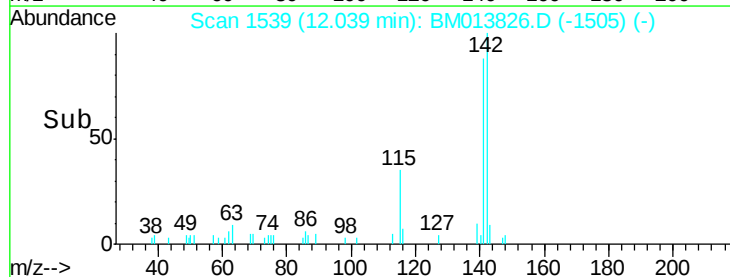
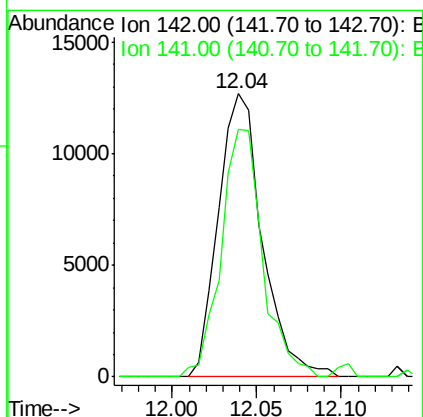
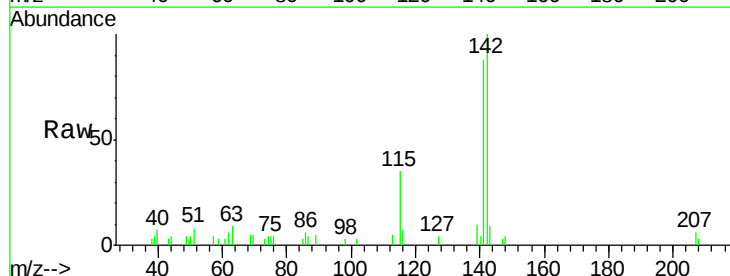
Instrument :
BNA_M
ClientSampled :

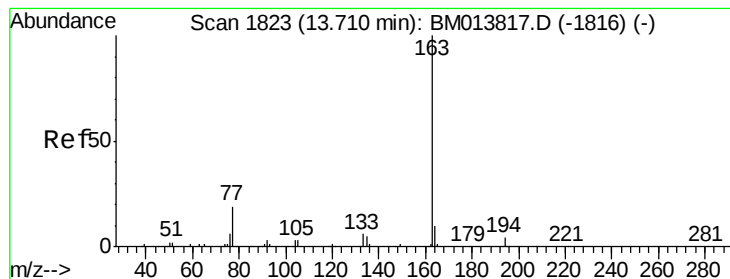
Tot Ion:127 Resp: 15919
Ion Ratio Lower Upper
127 100
129 91.8 28.4 42.6#



#34
2-Methylnaphthalene
Concen: 1.175 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM013826.D
Acq: 26 Jan 2018 03:20

Tgt Ion:142 Resp: 23000
Ion Ratio Lower Upper
142 100
141 87.6 74.1 111.1





#44

Dimethylphthalate

Concen: 12.423 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM013826.D

Acq: 26 Jan 2018 03:20

Instrument :

BNA_M

ClientSampled :

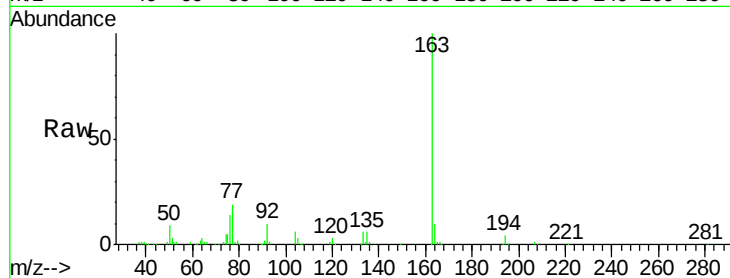
Tot Ion:163 Resp: 297862

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

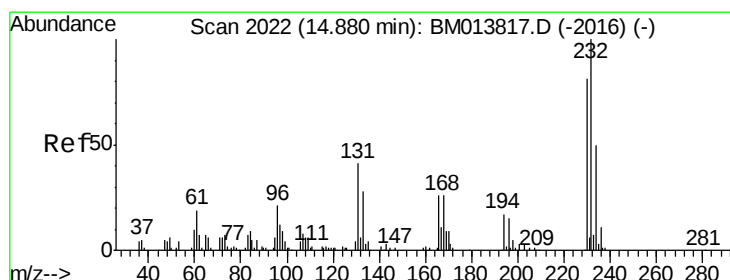
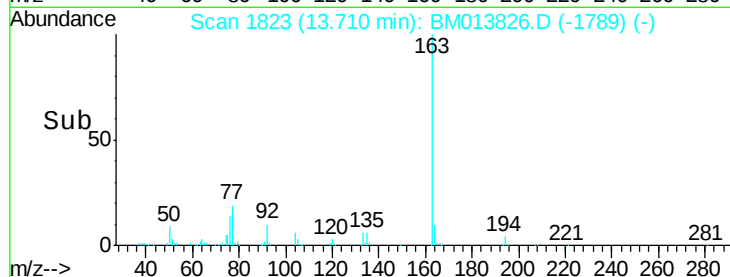
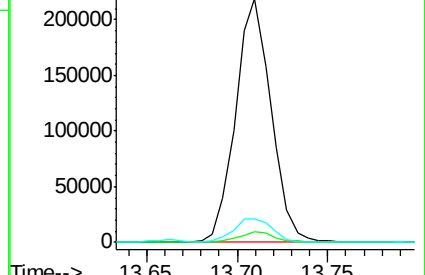
164 9.7 8.2 12.4



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



#55

2,3,4,6-Tetrachlorophenol

Concen: 3.308 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013826.D

Acq: 26 Jan 2018 03:20

Tgt Ion:232 Resp: 20549

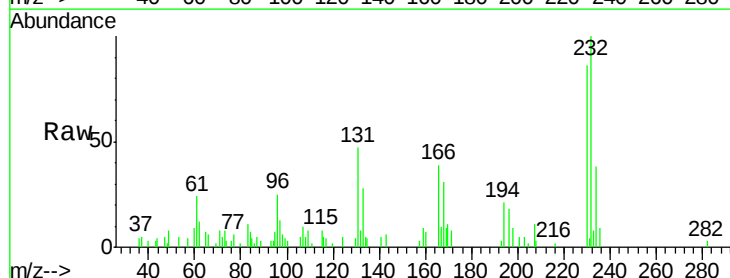
Ion Ratio Lower Upper

232 100

131 47.2 29.0 43.4#

130 4.2 2.0 3.0#

166 38.7 21.4 32.2#

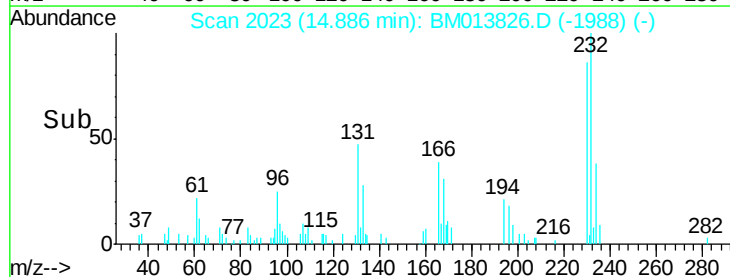
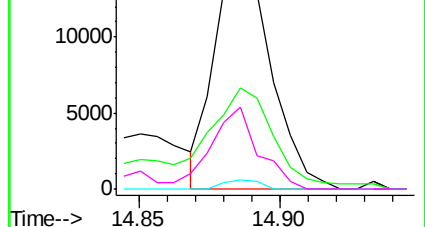


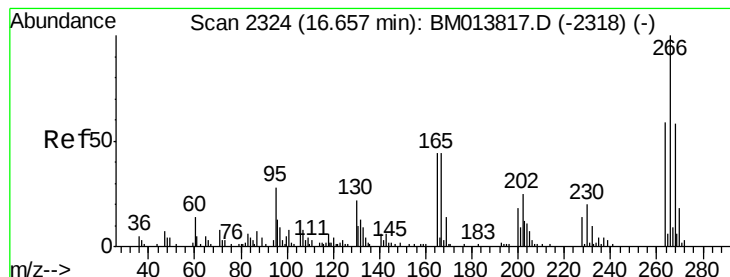
Abundance Ion 232.00 (231.70 to 232.70): E

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

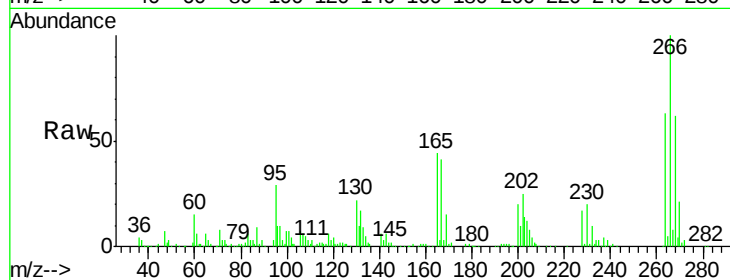




#68
 Pentachlorophenol
 Concen: 68.206 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM013826.D
 Acq: 26 Jan 2018 03:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.3	73.9
268	61.8	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

