

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013813.D
 Acq On : 25 Jan 2018 19:37
 Operator : SJ/JU
 Sample : J1233-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 00:25:23 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 00:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	107156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	382134	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	209948	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	481017	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	538101	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	509965	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	12229	4.51	ng/uL	0.00
5) Phenol-d5	6.78	99	230519	28.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	143468	28.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	207250	30.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	194121	30.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	99542	33.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	111405	35.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	201732	33.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	238033	45.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	618699	35.76	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	756802	34.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	68114	24.22	ng/ul	0.00
57) Fluorene-d10	15.24	176	532132	34.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	77254	26.68	ng/ul	0.00
70) Anthracene-d10	17.10	188	808127	34.49	ng/ul	0.00
76) Pyrene-d10	19.40	212	875754	34.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	846109	36.10	ng/ul	0.00

Target Compounds

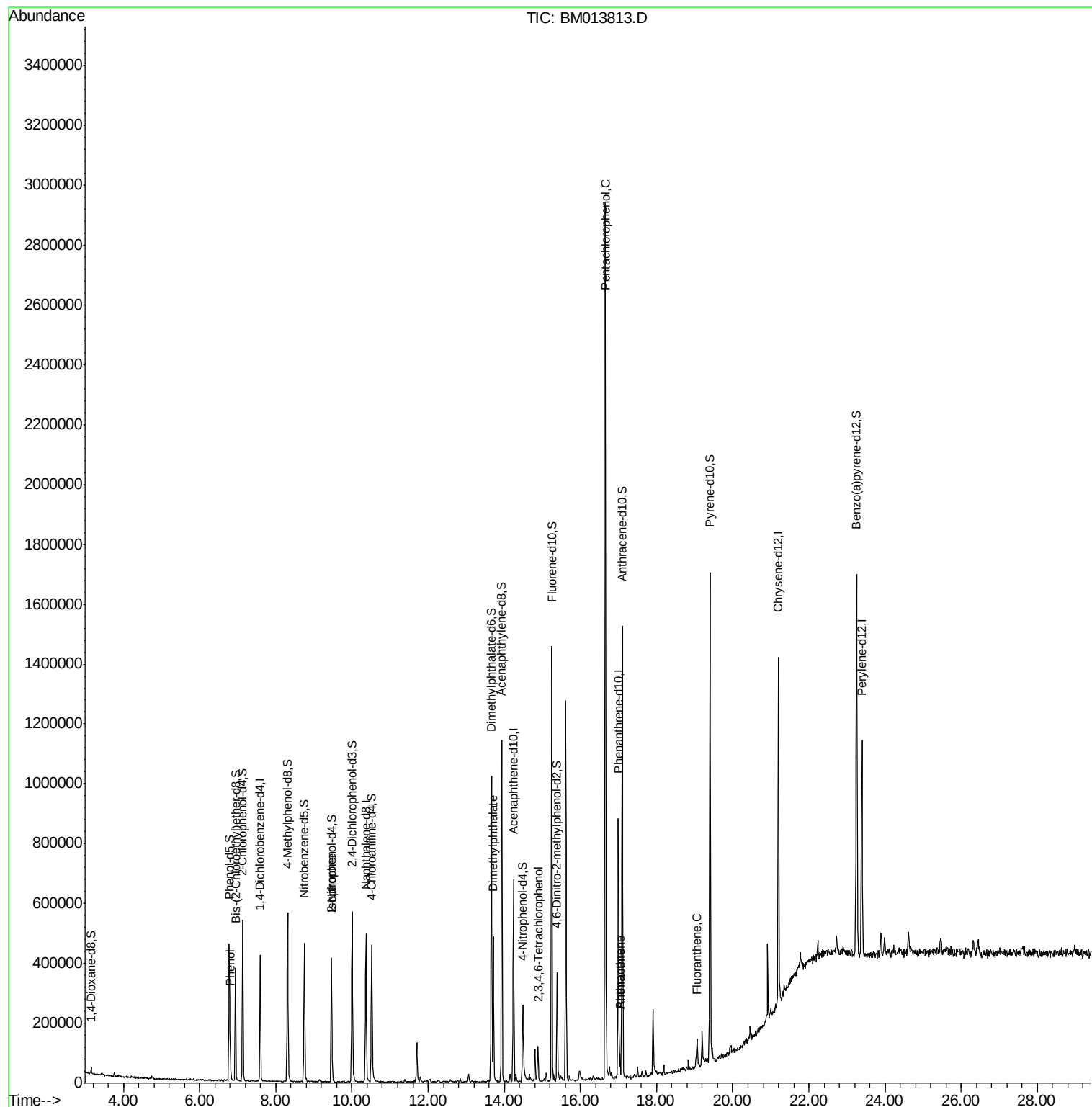
					Ovalue	
6) Phenol	6.80	94	22486	2.725	ng/ul	98
21) Isophorone	9.46	82	13979	1.129	ng/ul#	73
44) Dimethylphthalate	13.71	163	281526	16.548	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.89	232	20974	4.759	ng/ul#	86
68) Pentachlorophenol	16.66	266	482504	148.477	ng/ul	97
69) Phenanthrene	17.04	178	44052	1.648	ng/ul	96
71) Anthracene	17.04	178	44052	1.597	ng/ul	96
74) Fluoranthene	19.07	202	38498	1.206	ng/ul#	93

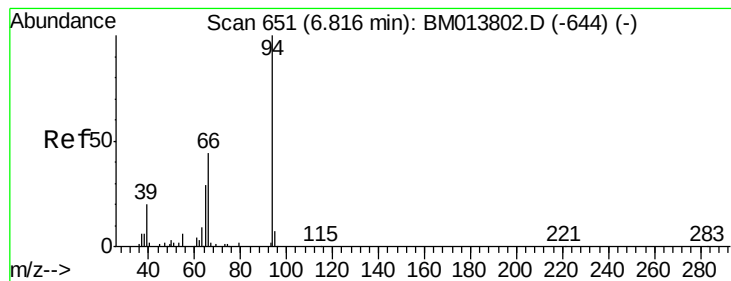
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.725 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM013813.D

Acq: 25 Jan 2018 19:37

Instrument :

BNA_M

ClientSampleId :

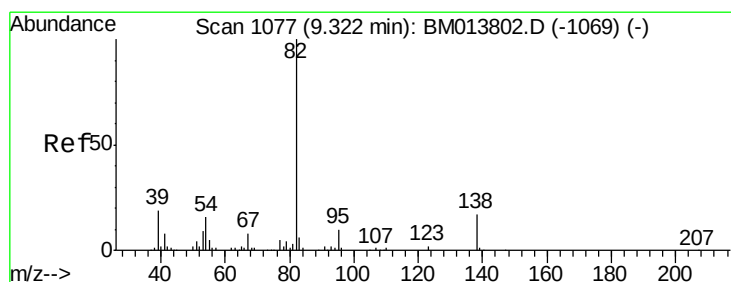
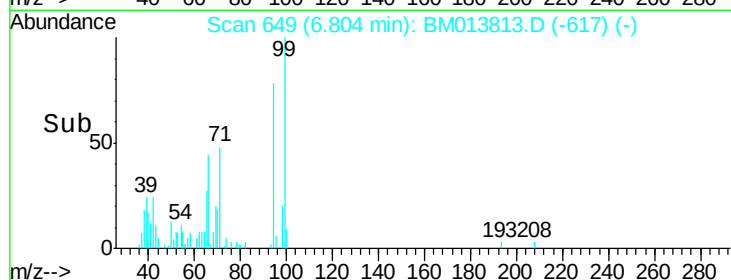
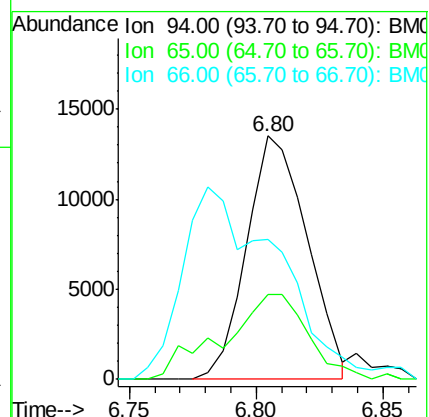
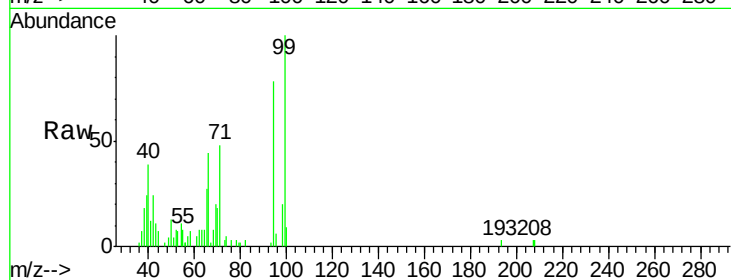
Tot Ion: 94 Resp: 22486

Ion Ratio Lower Upper

94 100

65 34.9 28.2 42.4

66 57.2 47.2 70.8



#21

Isophorone

Concen: 1.129 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. 0.14 min

Lab File: BM013813.D

Acq: 25 Jan 2018 19:37

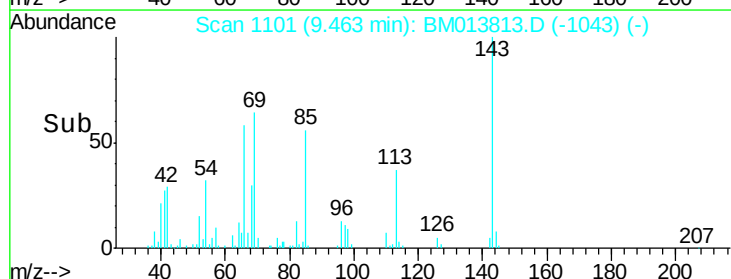
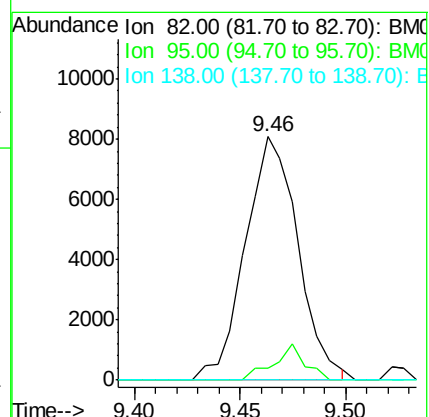
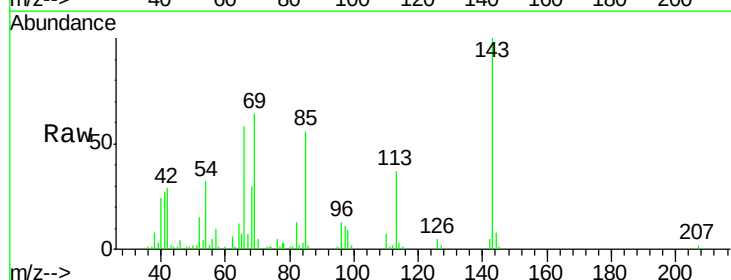
Tgt Ion: 82 Resp: 13979

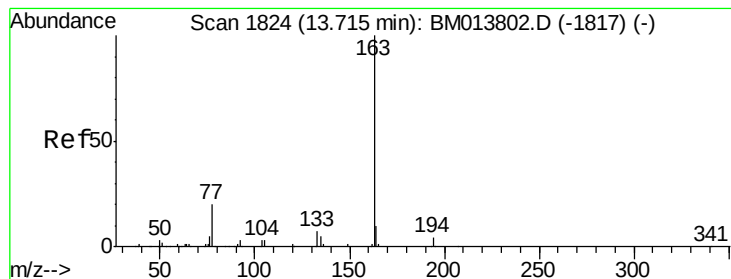
Ion Ratio Lower Upper

82 100

95 4.7 7.8 11.8#

138 0.0 11.9 17.9#





#44

Dimethylphthalate

Concen: 16.548 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM013813.D

Acq: 25 Jan 2018 19:37

Instrument :

BNA_M

ClientSampleId :

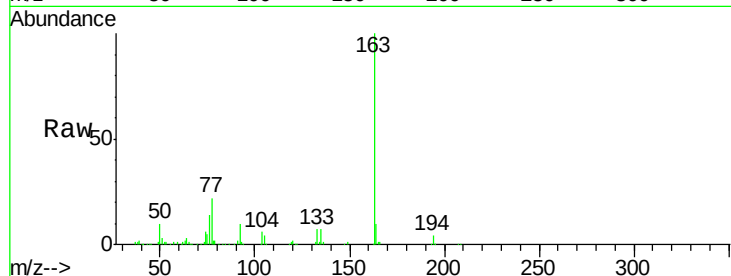
Tot Ion:163 Resp: 281526

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

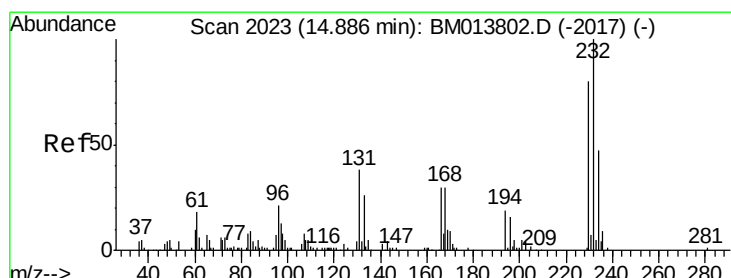
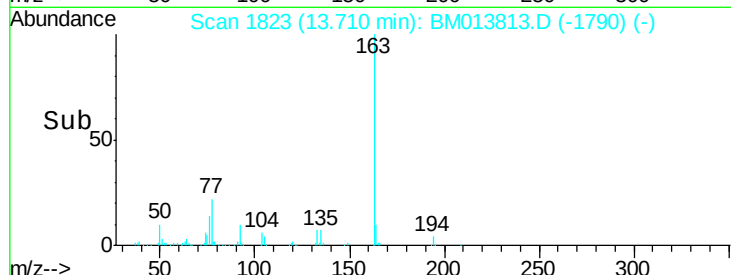
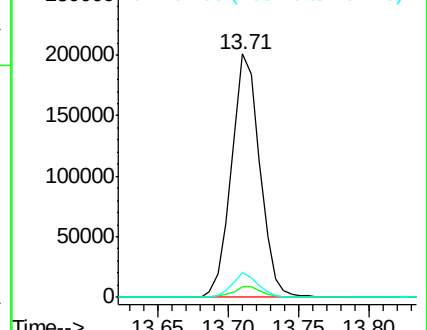
164 10.1 8.2 12.4



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: 4.759 ng/ul

RT: 14.89 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BM013813.D

Acq: 25 Jan 2018 19:37

Tgt Ion:232 Resp: 20974

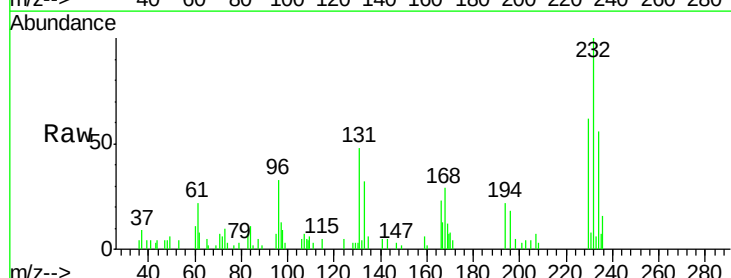
Ion Ratio Lower Upper

232 100

131 48.1 29.0 43.4#

130 2.6 2.0 3.0

166 23.3 21.4 32.2

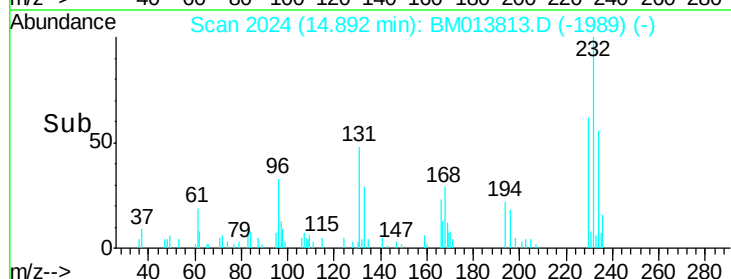
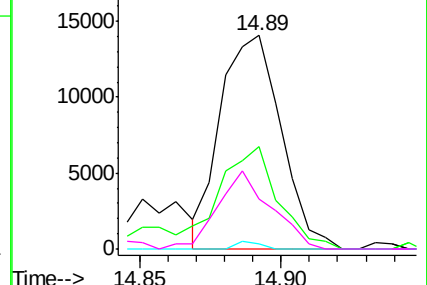


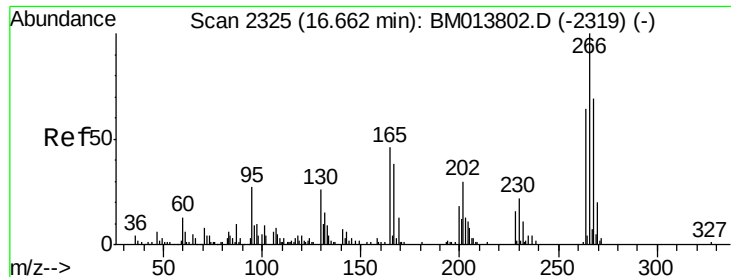
Abundance Ion 232.00 (231.70 to 232.70): E

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

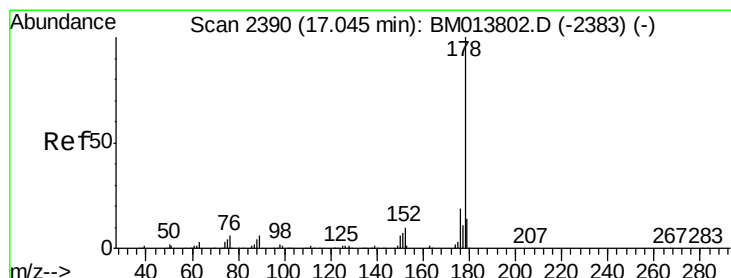
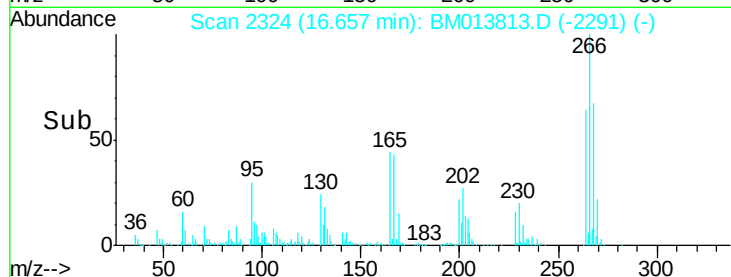
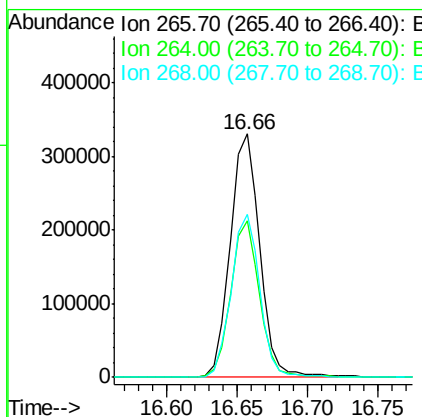
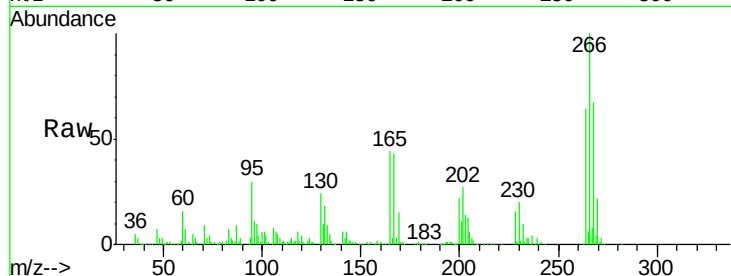




#68
 Pentachlorophenol
 Concen: 148.477 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BM013813.D
 Acq: 25 Jan 2018 19:37

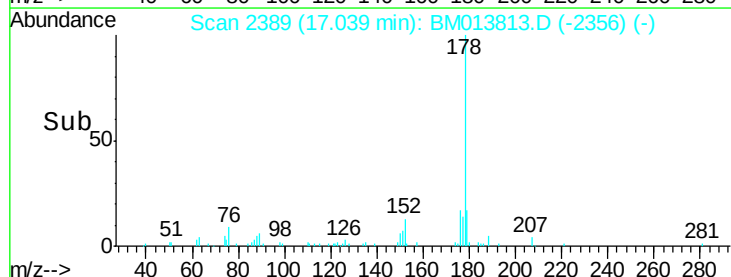
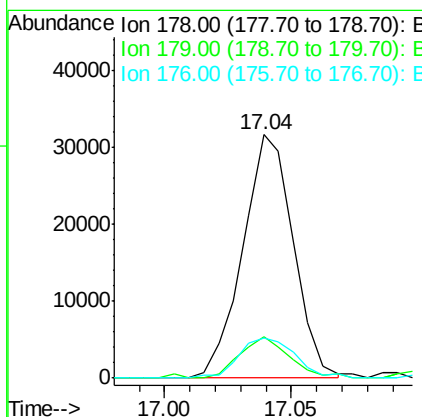
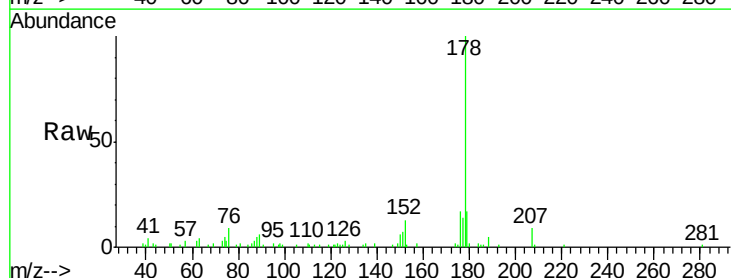
Instrument :
 BNA_M
 ClientSampleId :

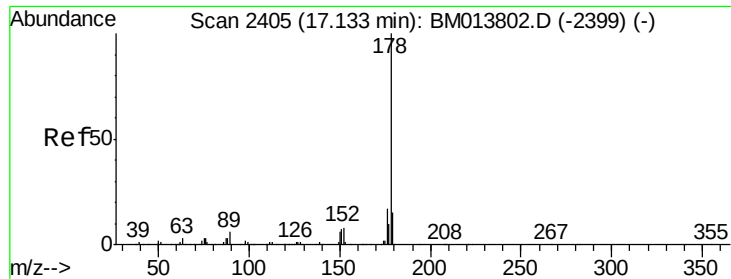
Tot Ion	Ratio	Lower	Upper
266	100		
264	64.5	49.3	73.9
268	67.1	52.6	78.8



#69
 Phenanthrene
 Concen: 1.648 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM013813.D
 Acq: 25 Jan 2018 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	16.7	14.9	22.3

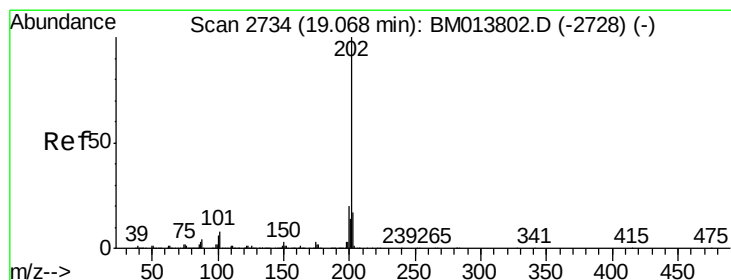
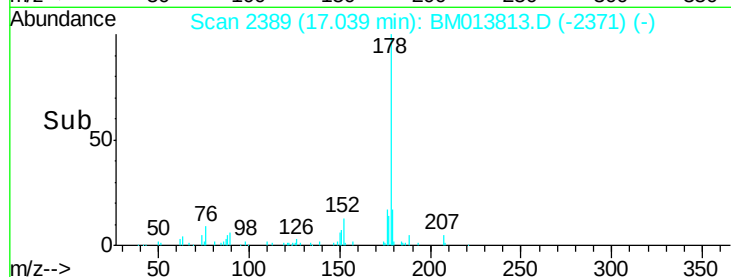
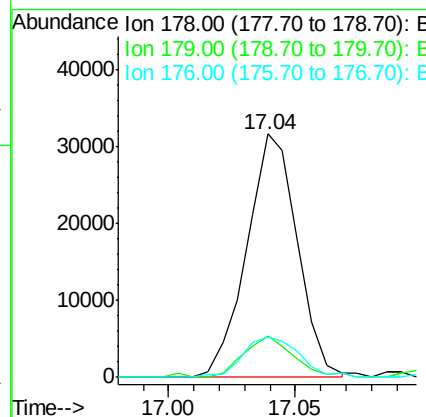
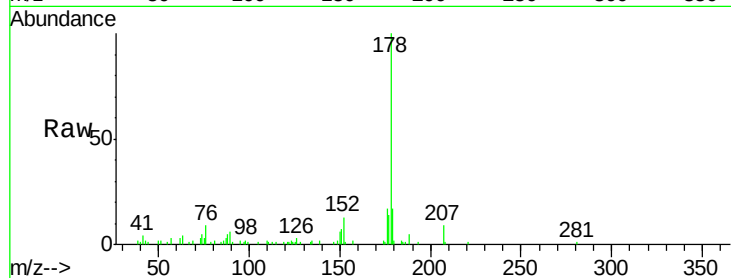




#71
 Anthracene
 Concen: 1.597 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. -0.09 min
 Lab File: BM013813.D
 Acq: 25 Jan 2018 19:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 44052
 Ion Ratio Lower Upper
 178 100
 179 17.0 11.7 17.5
 176 16.7 14.6 21.8



#74
 Fluoranthene
 Concen: 1.206 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BM013813.D
 Acq: 25 Jan 2018 19:37

Tgt Ion:202 Resp: 38498
 Ion Ratio Lower Upper
 202 100
 101 6.2 4.6 7.0
 100 9.2 3.4 5.2#

