

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
 Data File : BM016809.D
 Acq On : 19 Sep 2018 23:02
 Operator : SJ/JU
 Sample : J4896-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 20 03:07:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 20 03:06:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	300160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1233134	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	663427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1465985	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1643785	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1785717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	57540	8.20	ng/uL	0.00
5) Phenol-d5	6.89	99	494304	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	303986	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	415578	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	392869	20.05	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	186692	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	176647	23.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	368309	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	463049	20.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1151365	21.61	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1312537	19.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	189482	21.67	ng/ul	0.00
58) Fluorene-d10	15.36	176	998636	21.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	123696	20.55	ng/ul	0.00
71) Anthracene-d10	17.21	188	1633255	23.09	ng/ul	0.00
79) Pyrene-d10	19.50	212	1851869	23.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2140376	22.98	ng/ul	0.00

Target Compounds

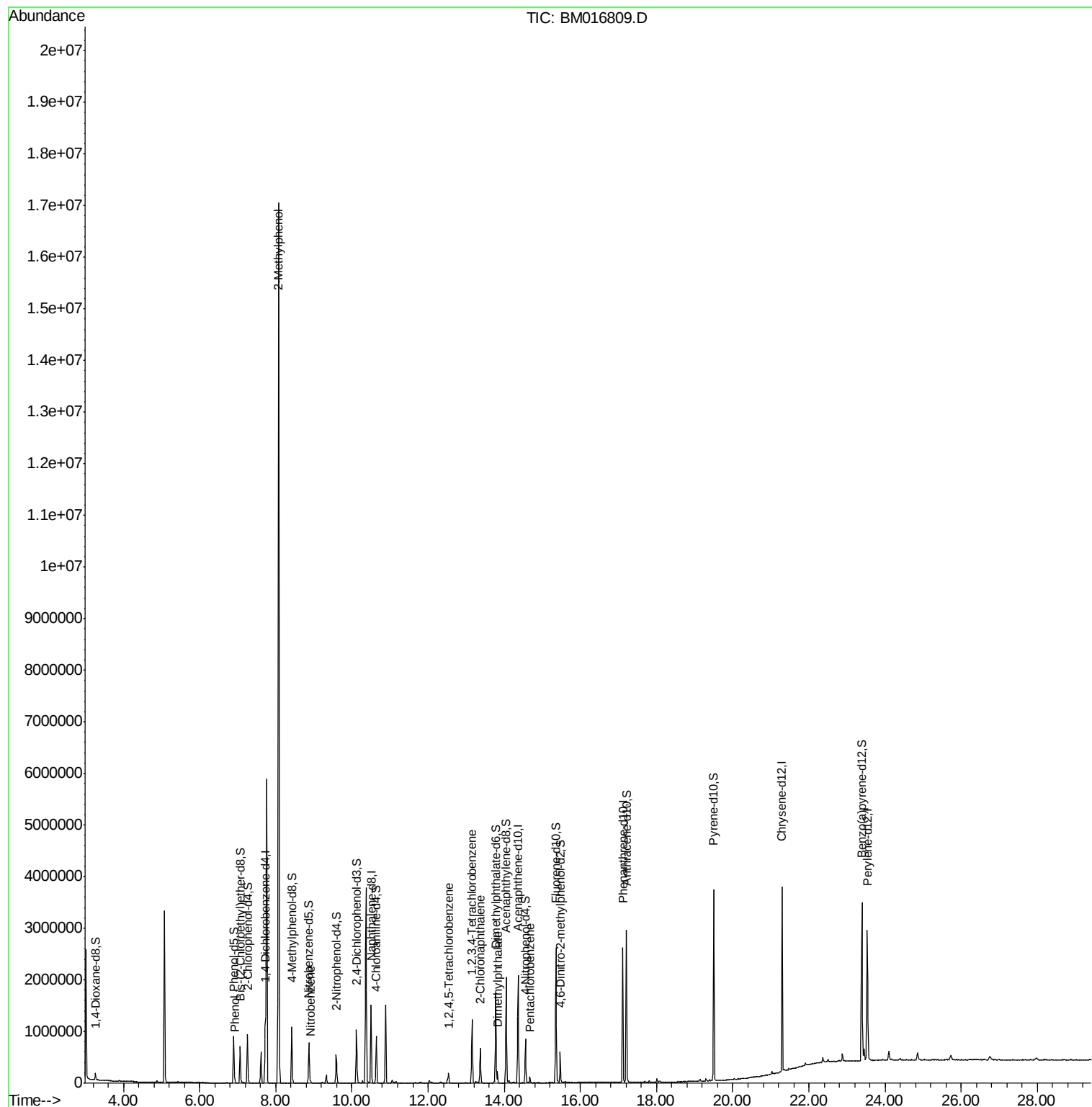
					Ovalue
6) Phenol	6.92	94	28196	1.116 ng/ul	98
11) 2-Methylphenol	8.08	108	53213	2.810 ng/ul	91
20) Nitrobenzene	8.92	77	23708	1.157 ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	61406	2.695 ng/ul#	98
42) 2-Chloronaphthalene	13.37	162	153636	3.557 ng/ul#	44
45) Dimethylphthalate	13.82	163	113740	2.185 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	339213	13.981 ng/uL	99
74) Pentachlorobenzene	14.68	250	32140	1.468 ng/uL	96

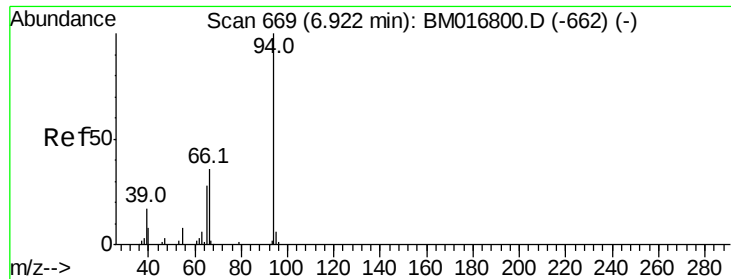
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.116 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM016809.D

Acq: 19 Sep 2018 23:02

Instrument :

BNA_M

ClientSampleId :

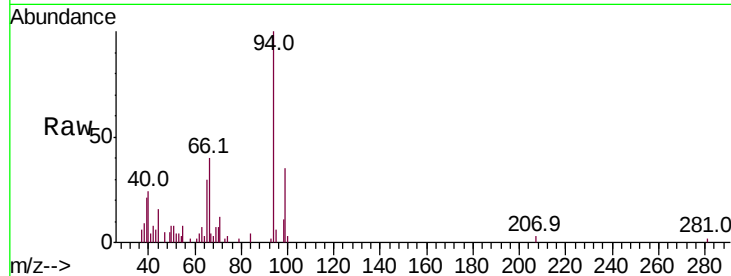
Tot Ion: 94 Resp: 28196

Ion Ratio Lower Upper

94 100

65 30.1 23.0 34.6

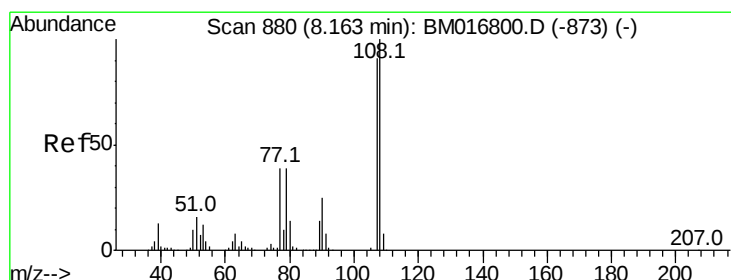
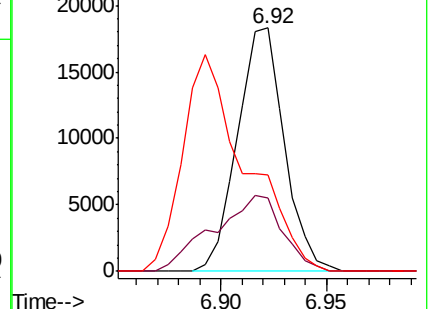
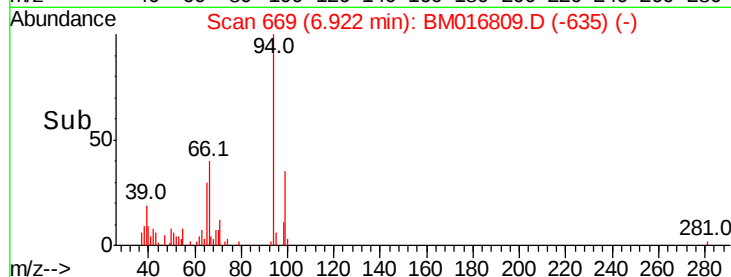
66 39.5 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016809.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM016809.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM016809.D (-635) (-)



#11

2-Methylphenol

Concen: 2.810 ng/ul

RT: 8.08 min Scan# 866

Delta R.T. -0.08 min

Lab File: BM016809.D

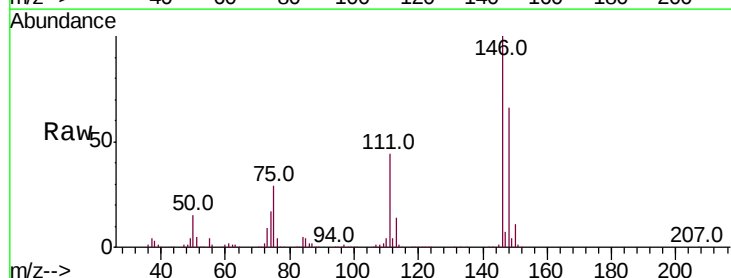
Acq: 19 Sep 2018 23:02

Tgt Ion: 108 Resp: 53213

Ion Ratio Lower Upper

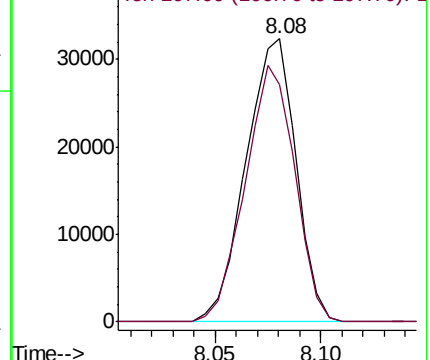
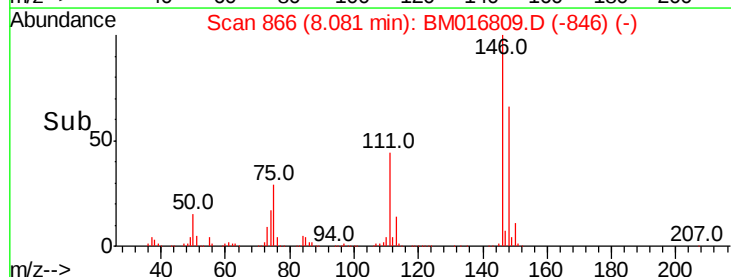
108 100

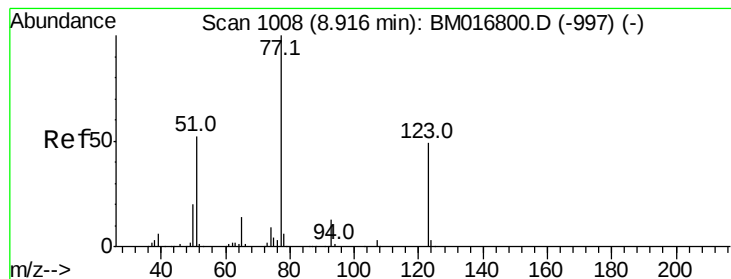
107 83.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): BM016809.D (-846) (-)

Ion 107.00 (106.70 to 107.70): BM016809.D (-846) (-)





#20

Nitrobenzene

Concen: 1.157 ng/ul

RT: 8.92 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BM016809.D

Acq: 19 Sep 2018 23:02

Instrument :

BNA_M

ClientSampleId :

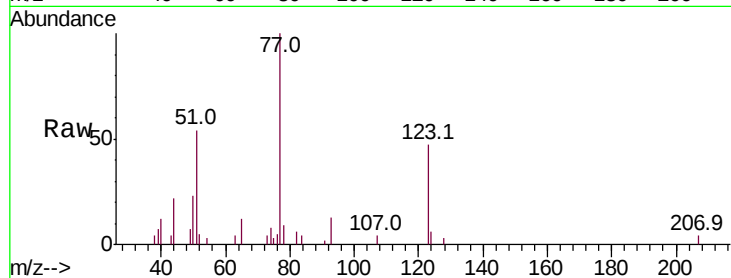
Tot Ion: 77 Resp: 23708

Ion Ratio Lower Upper

77 100

123 46.8 31.8 47.8

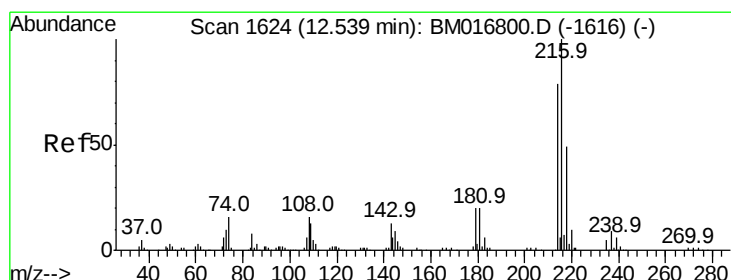
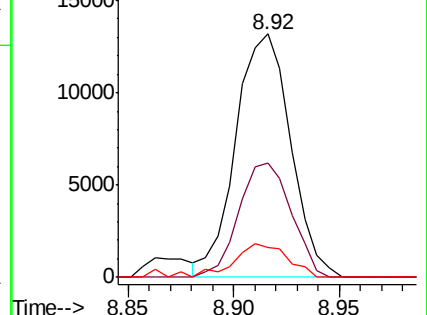
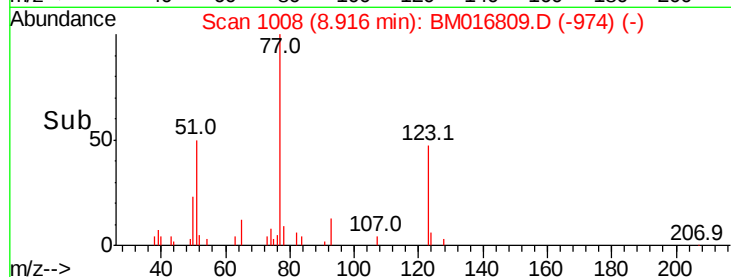
65 12.4 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM016809.D (-974) (-)

Ion 123.00 (122.70 to 123.70): BM016809.D (-974) (-)

Ion 65.00 (64.70 to 65.70): BM016809.D (-974) (-)



#37

1,2,4,5-Tetrachlorobenzene

Concen: 2.695 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BM016809.D

Acq: 19 Sep 2018 23:02

Tgt Ion: 216 Resp: 61406

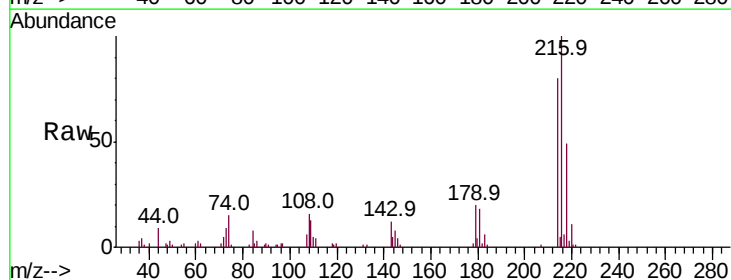
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 20.3 14.5 21.7

108 16.1 10.4 15.6#

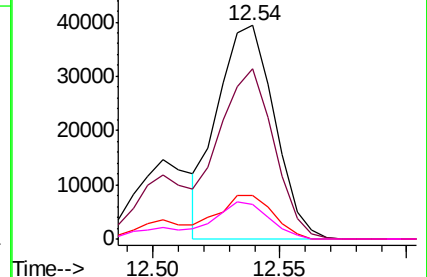
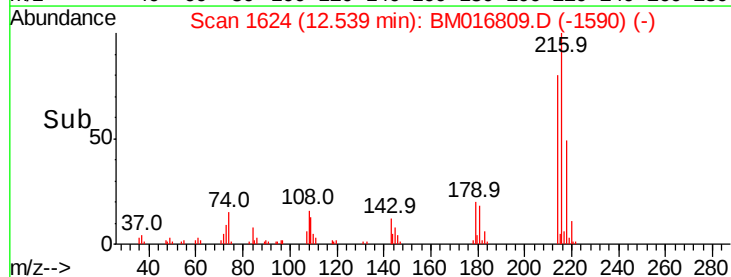


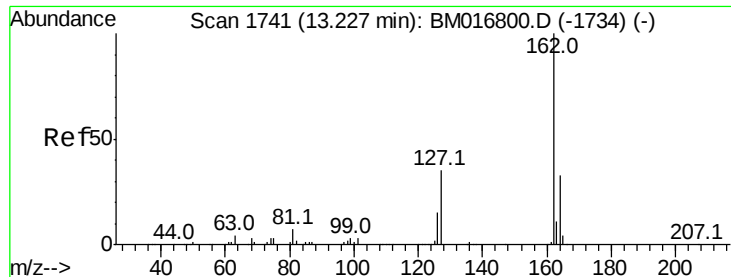
Abundance Ion 216.00 (215.70 to 216.70): BM016809.D (-1590) (-)

Ion 214.00 (213.70 to 214.70): BM016809.D (-1590) (-)

Ion 179.00 (178.70 to 179.70): BM016809.D (-1590) (-)

Ion 108.00 (107.70 to 108.70): BM016809.D (-1590) (-)

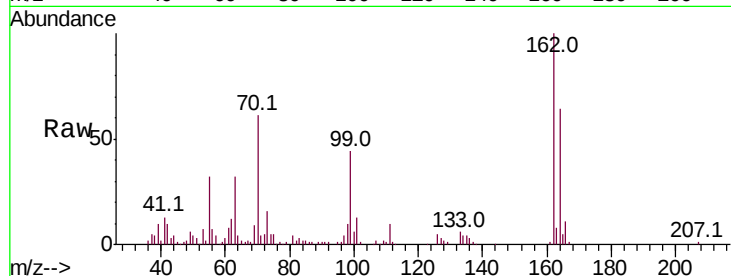




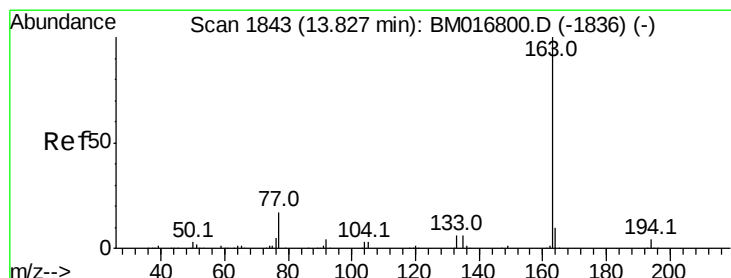
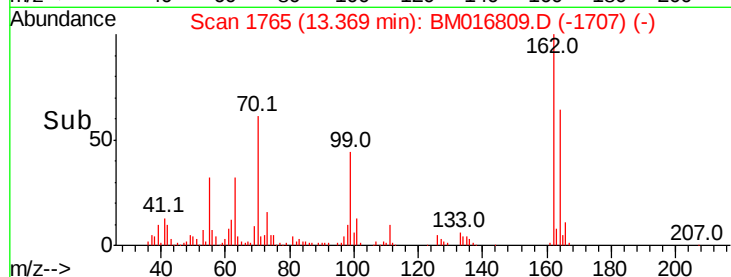
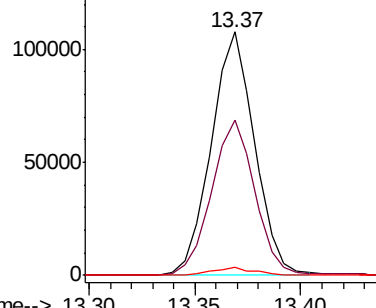
#42
 2-Chloronaphthalene
 Concen: 3.557 ng/ul
 RT: 13.37 min Scan# 1765
 Delta R.T. 0.14 min
 Lab File: BM016809.D
 Acq: 19 Sep 2018 23:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 153636
 Ion Ratio Lower Upper
 162 100
 164 63.7 26.2 39.4#
 127 3.4 29.5 44.3#

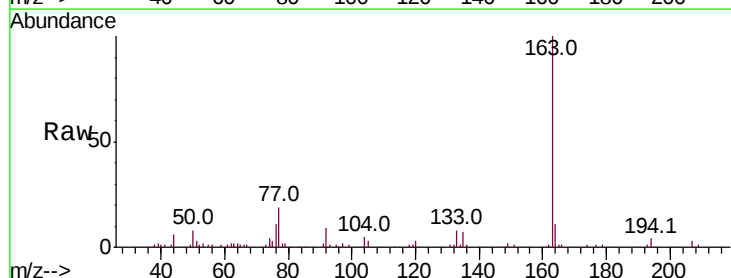


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

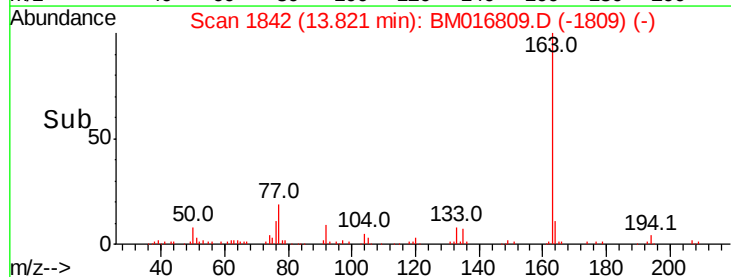
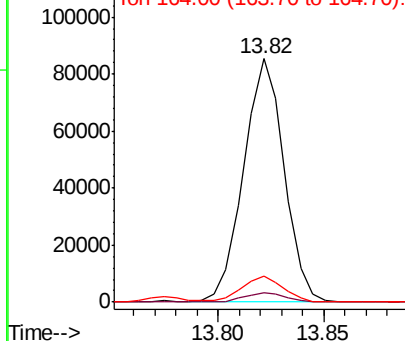


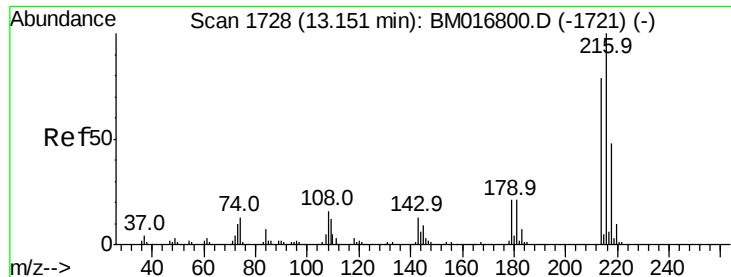
#45
 Dimethylphthalate
 Concen: 2.185 ng/ul
 RT: 13.82 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BM016809.D
 Acq: 19 Sep 2018 23:02

Tgt Ion:163 Resp: 113740
 Ion Ratio Lower Upper
 163 100
 194 4.1 4.0 6.0
 164 10.6 8.4 12.6



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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 13.981 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BM016809.D

Acq: 19 Sep 2018 23:02

Instrument :

BNA_M

ClientSampleId :

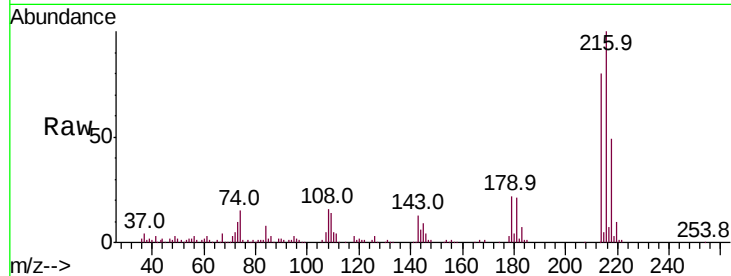
Tot Ion:216 Resp: 339213

Ion Ratio Lower Upper

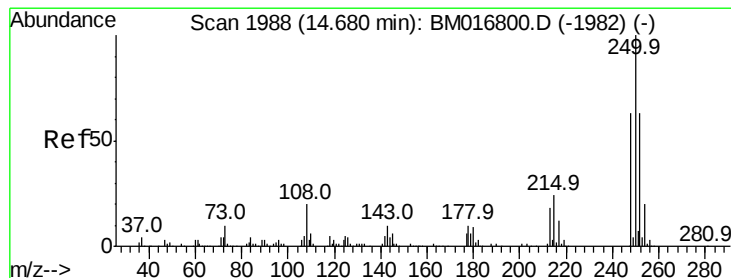
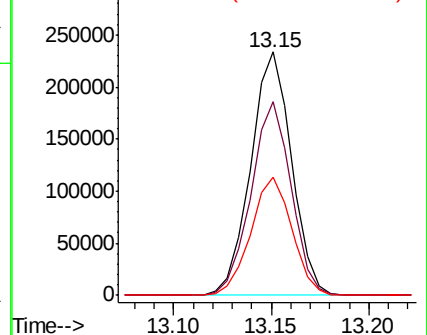
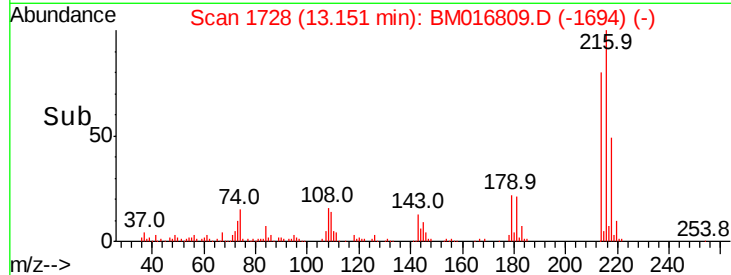
216 100

214 79.5 64.1 96.1

218 48.6 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 1.468 ng/uL

RT: 14.68 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BM016809.D

Acq: 19 Sep 2018 23:02

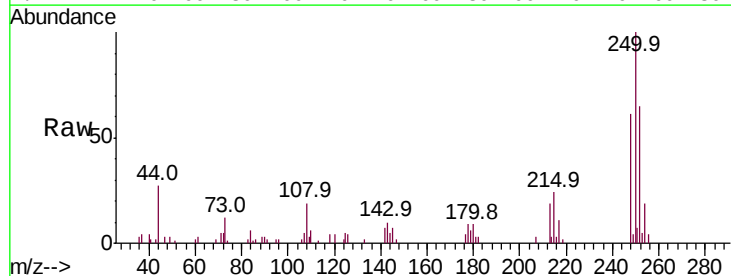
Tgt Ion:250 Resp: 32140

Ion Ratio Lower Upper

250 100

248 60.6 51.4 77.2

252 65.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E

