

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011612.D
 Acq On : 19 Sep 2017 19:50
 Operator : SJ/JU
 Sample : I5271-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH3

Quant Time: Sep 20 05:49:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	414104	20.00	ng/ul	0.03
18) Naphthalene-d8	10.80	136	1739768	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.60	164	991774	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2242901	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2377472	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2155710	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	42023	4.56	ng/uL	0.00
5) Phenol-d5	7.12	99	212480	5.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	738993	27.58	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	664511	22.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.67	113	392945	12.66	ng/ul	0.01
19) Nitrobenzene-d5	9.14	128	402997	30.51	ng/ul	0.01
22) 2-Nitrophenol-d4	9.86	143	429717	31.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.40	165	746499	27.01	ng/ul	0.01
29) 4-Chloroaniline-d4	10.92	131	53474	1.75	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2597360	30.98	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3098650	30.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	70336	4.46	ng/ul	0.00
58) Fluorene-d10	15.59	176	2205892	30.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	337207	25.84	ng/ul	0.00
71) Anthracene-d10	17.43	188	3563405	32.26	ng/ul	0.00
79) Pyrene-d10	19.72	212	4059398	36.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3402620	33.12	ng/ul	0.00

Target Compounds

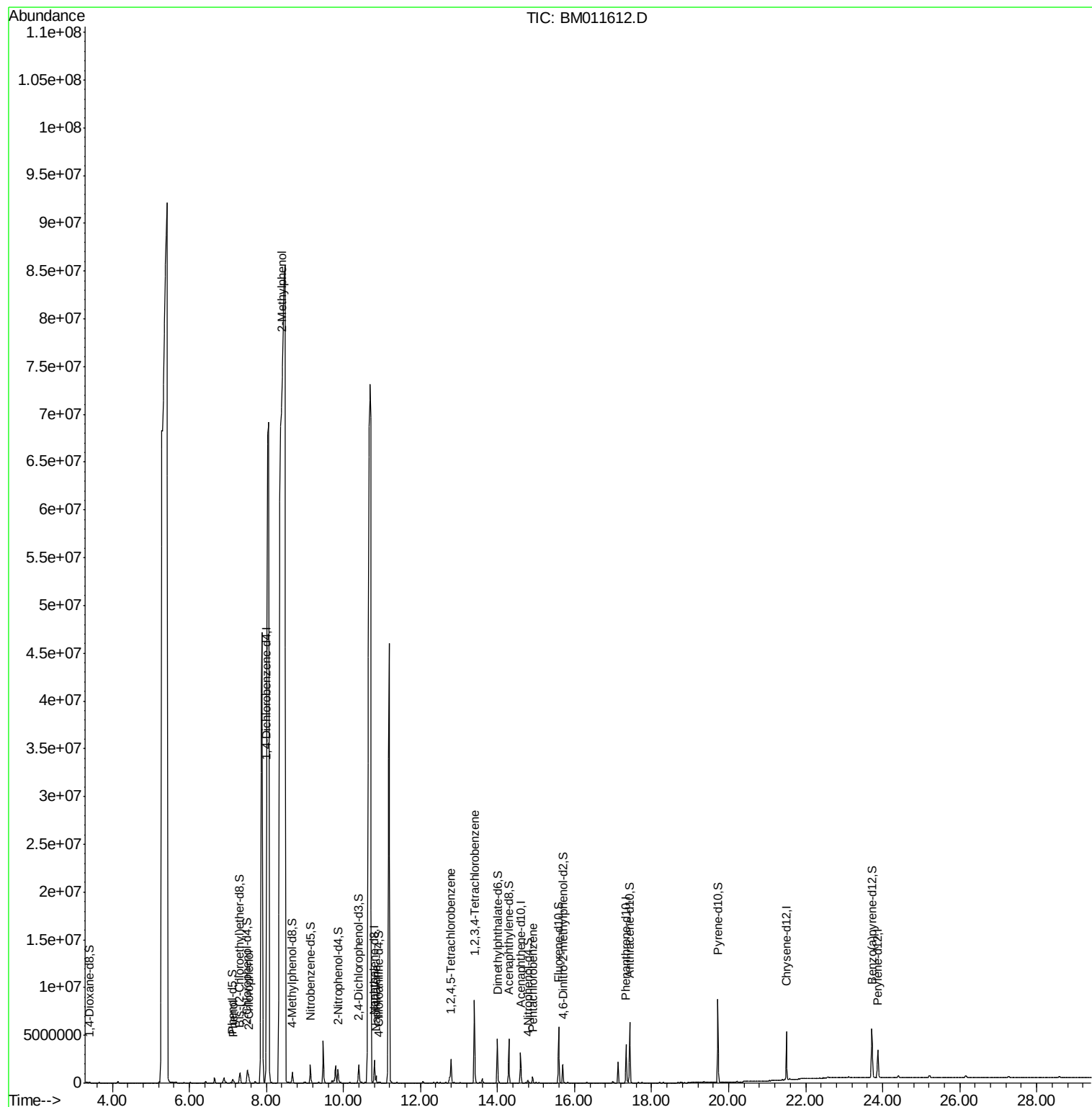
					Ovalue
6) Phenol	7.15	94	67041	1.699	ng/ul 96
10) 2-Chlorophenol	7.54	128	359053	12.282	ng/ul 91
11) 2-Methylphenol	8.40	108	706948	23.622	ng/ul 94
28) Naphthalene	10.85	128	499880	5.541	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	862948	29.332	ng/ul# 96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	2565810	85.848	ng/uL 98
74) Pentachlorobenzene	14.91	250	161096	5.314	ng/uL 98

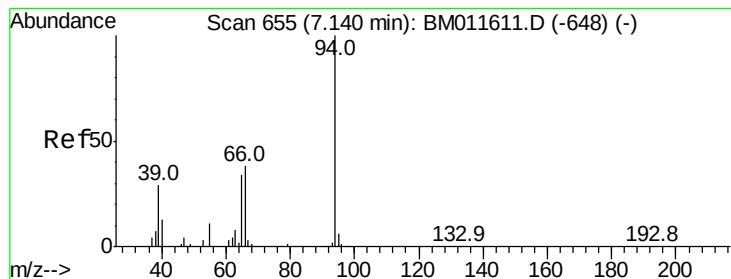
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.699 ng/ul

RT: 7.15 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM011612.D

Acq: 19 Sep 2017 19:50

Instrument :

BNA_M

ClientSampled :

C0AH3

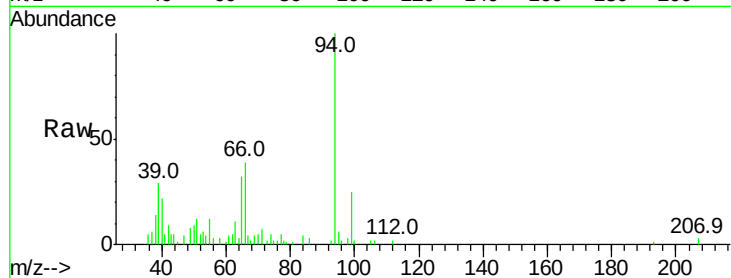
Tot Ion: 94 Resp: 67041

Ion Ratio Lower Upper

94 100

65 32.4 23.0 34.6

66 39.4 30.4 45.6

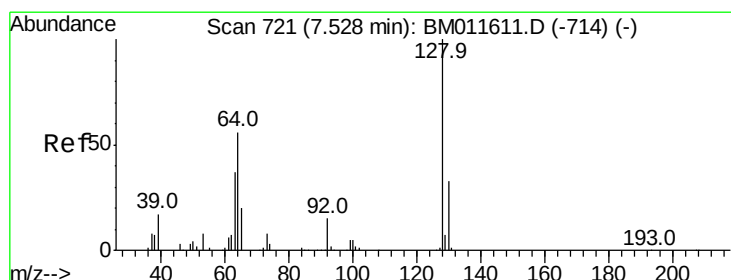
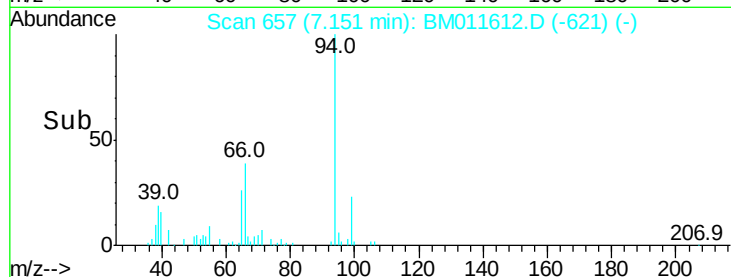
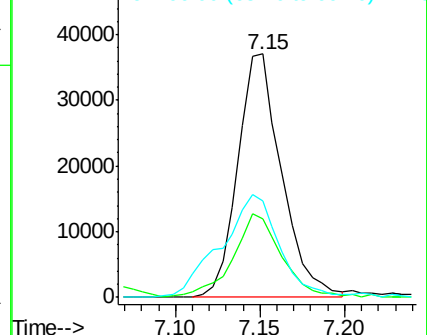


Abundance

Ion 94.00 (93.70 to 94.70): BM011612.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM011612.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM011612.D (-657) (-)



#10

2-Chlorophenol

Concen: 12.282 ng/ul

RT: 7.54 min Scan# 723

Delta R.T. 0.01 min

Lab File: BM011612.D

Acq: 19 Sep 2017 19:50

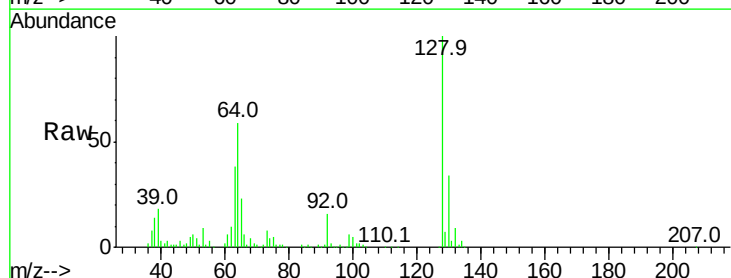
Tgt Ion: 128 Resp: 359053

Ion Ratio Lower Upper

128 100

64 59.3 39.8 59.6

130 33.6 25.8 38.8

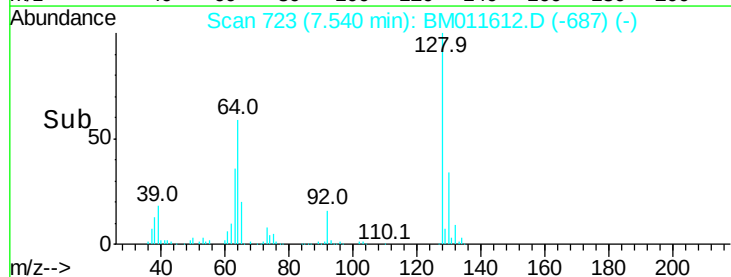
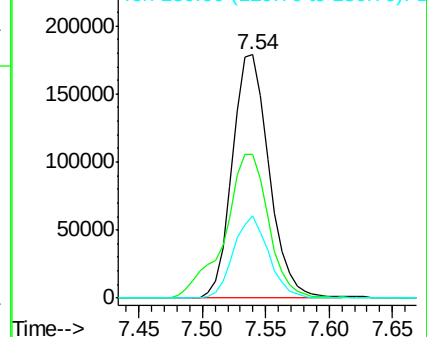


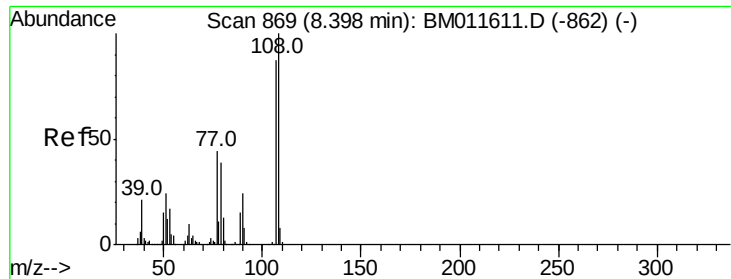
Abundance

Ion 128.00 (127.70 to 128.70): BM011612.D (-723) (-)

Ion 64.00 (63.70 to 64.70): BM011612.D (-723) (-)

Ion 130.00 (129.70 to 130.70): BM011612.D (-723) (-)





#11

2-Methylphenol

Concen: 23.622 ng/ul

RT: 8.40 min Scan# 870

Delta R.T. 0.01 min

Lab File: BM011612.D

Acq: 19 Sep 2017 19:50

Instrument :

BNA_M

ClientSampleId :

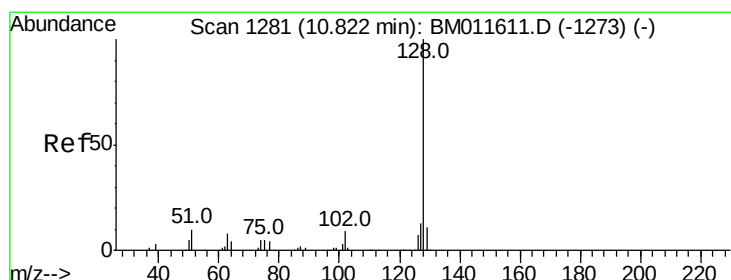
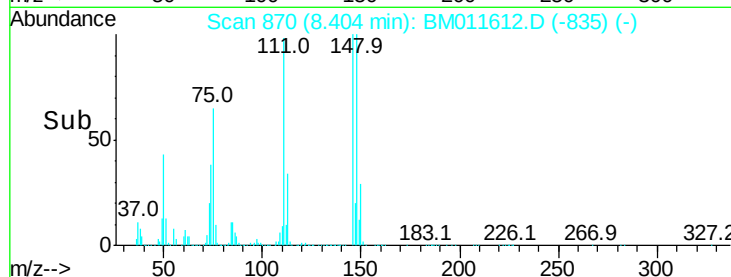
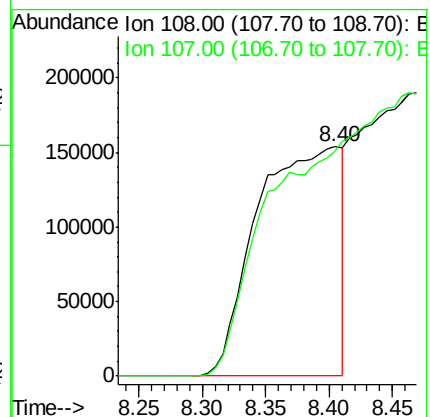
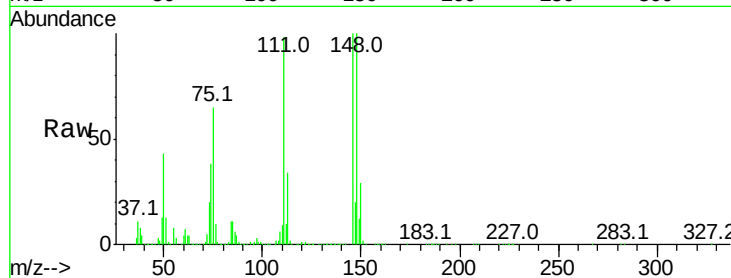
C0AH3

Tot Ion:108 Resp: 706948

Ion Ratio Lower Upper

108 100

107 98.1 74.1 111.1



#28

Naphthalene

Concen: 5.541 ng/ul

RT: 10.85 min Scan# 1285

Delta R.T. 0.02 min

Lab File: BM011612.D

Acq: 19 Sep 2017 19:50

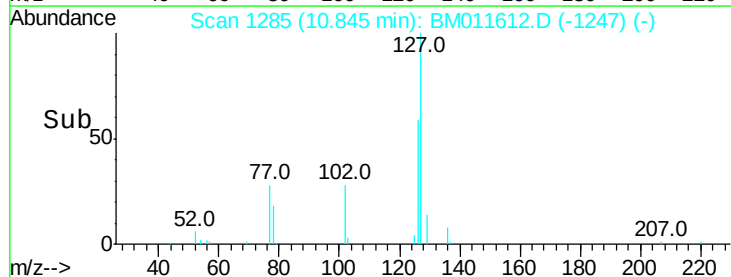
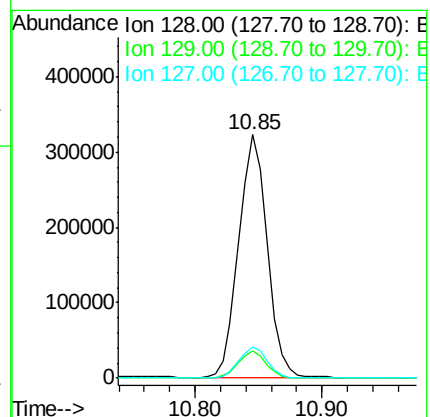
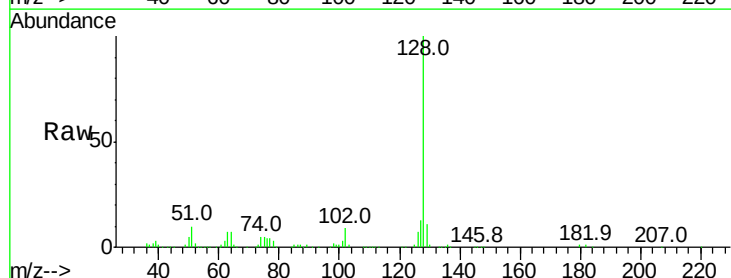
Tgt Ion:128 Resp: 499880

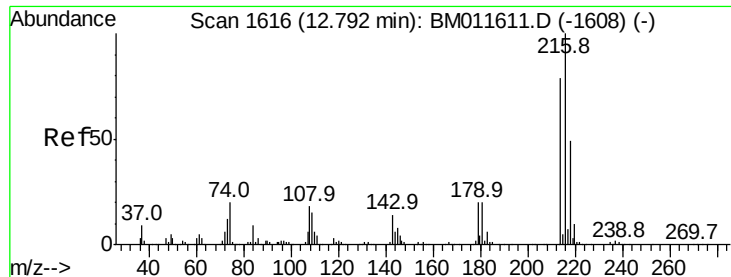
Ion Ratio Lower Upper

128 100

129 11.2 8.3 12.5

127 12.7 10.8 16.2





#37

1,2,4,5-Tetrachlorobenzene

Concen: 29.332 ng/uL

RT: 12.79 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BM011612.D

Acq: 19 Sep 2017 19:50

Instrument :

BNA_M

ClientSampleId :

C0AH3

Tot Ion:216 Resp: 862948

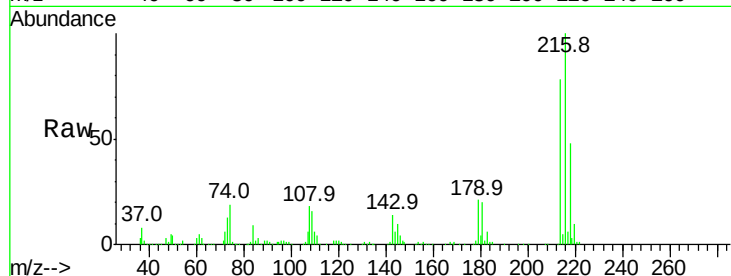
Ion Ratio Lower Upper

216 100

214 77.7 64.1 96.1

179 20.5 14.5 21.7

108 17.6 10.4 15.6#

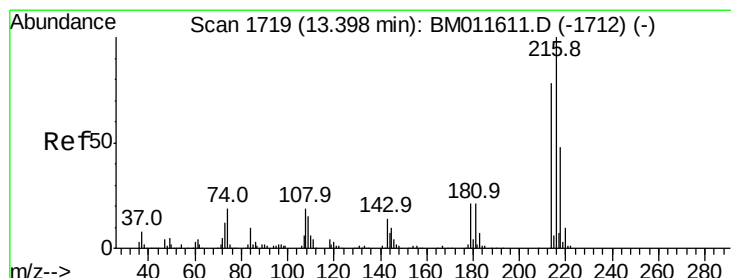
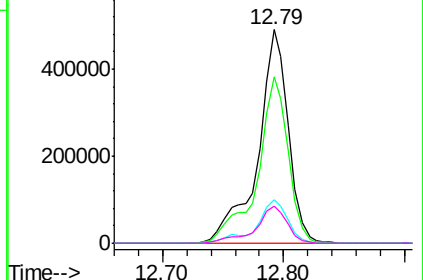
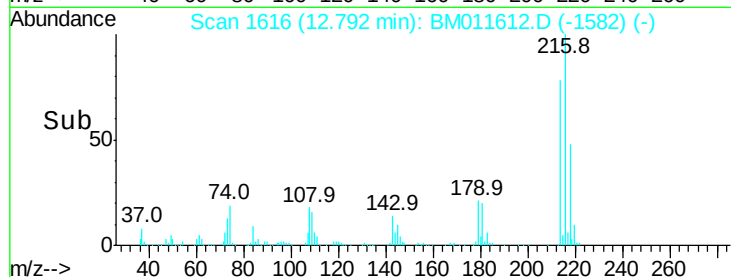


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 85.848 ng/uL

RT: 13.40 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BM011612.D

Acq: 19 Sep 2017 19:50

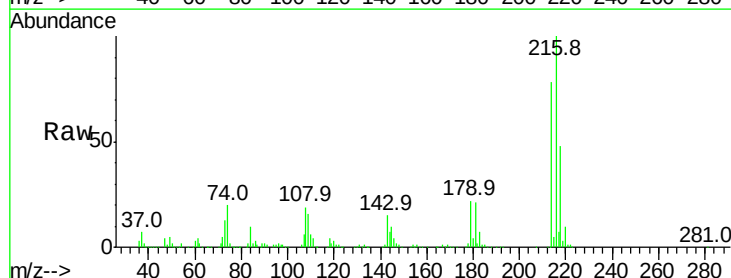
Tgt Ion:216 Resp: 2565810

Ion Ratio Lower Upper

216 100

214 78.1 64.1 96.1

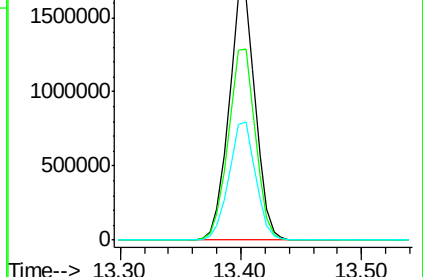
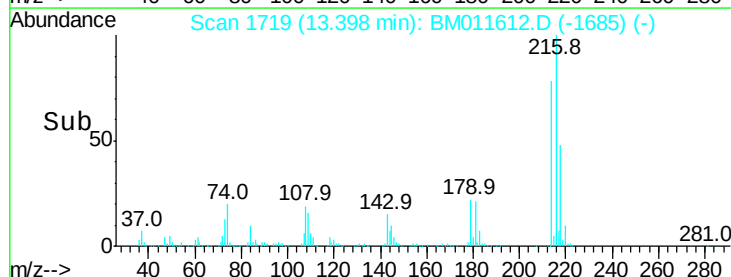
218 47.6 39.4 59.0

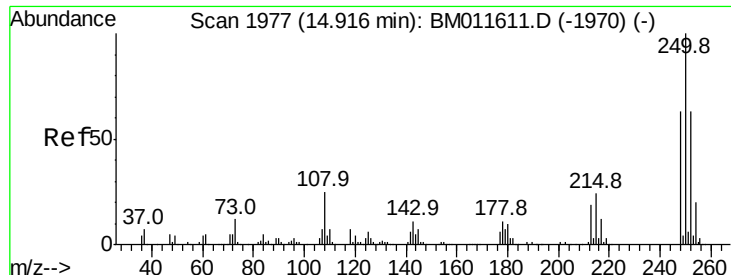


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 5.314 ng/uL

RT: 14.91 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM011612.D

Acq: 19 Sep 2017 19:50

Instrument :

BNA_M

ClientSampleId :

C0AH3

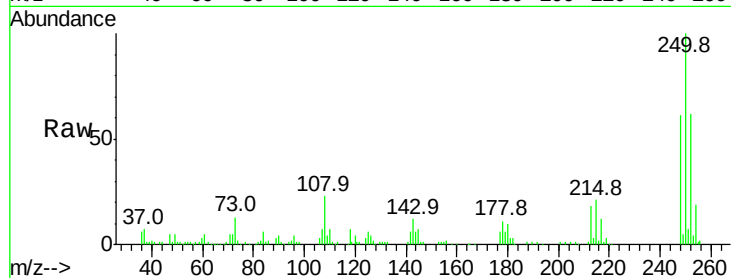
Tot Ion:250 Resp: 161096

Ion Ratio Lower Upper

250 100

248 61.5 51.4 77.2

252 62.1 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

