

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012715.D
 Acq On : 04 Nov 2017 19:44
 Operator : SJ/JU
 Sample : I6198-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0235

Quant Time: Nov 06 01:43:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:42:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	78271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	318767	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	192169	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	456265	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	473398	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	291985	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	11305	7.80	ng/uL	0.00
5) Phenol-d5	6.98	99	46685	8.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	122199	38.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	155666	32.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	94540	18.81	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	93295	39.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	113610	42.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	191071	34.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	115	0.02	ng/ul	-0.14
43) Dimethylphthalate-d6	13.86	166	685216	43.09	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	531592	27.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	22665	8.90	ng/ul	0.00
57) Fluorene-d10	15.44	176	564610	41.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	120873	40.13	ng/ul	0.00
70) Anthracene-d10	17.29	188	731711	33.19	ng/ul	0.00
78) Pyrene-d10	19.58	212	801027	36.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	416030	30.13	ng/ul	0.00

Target Compounds

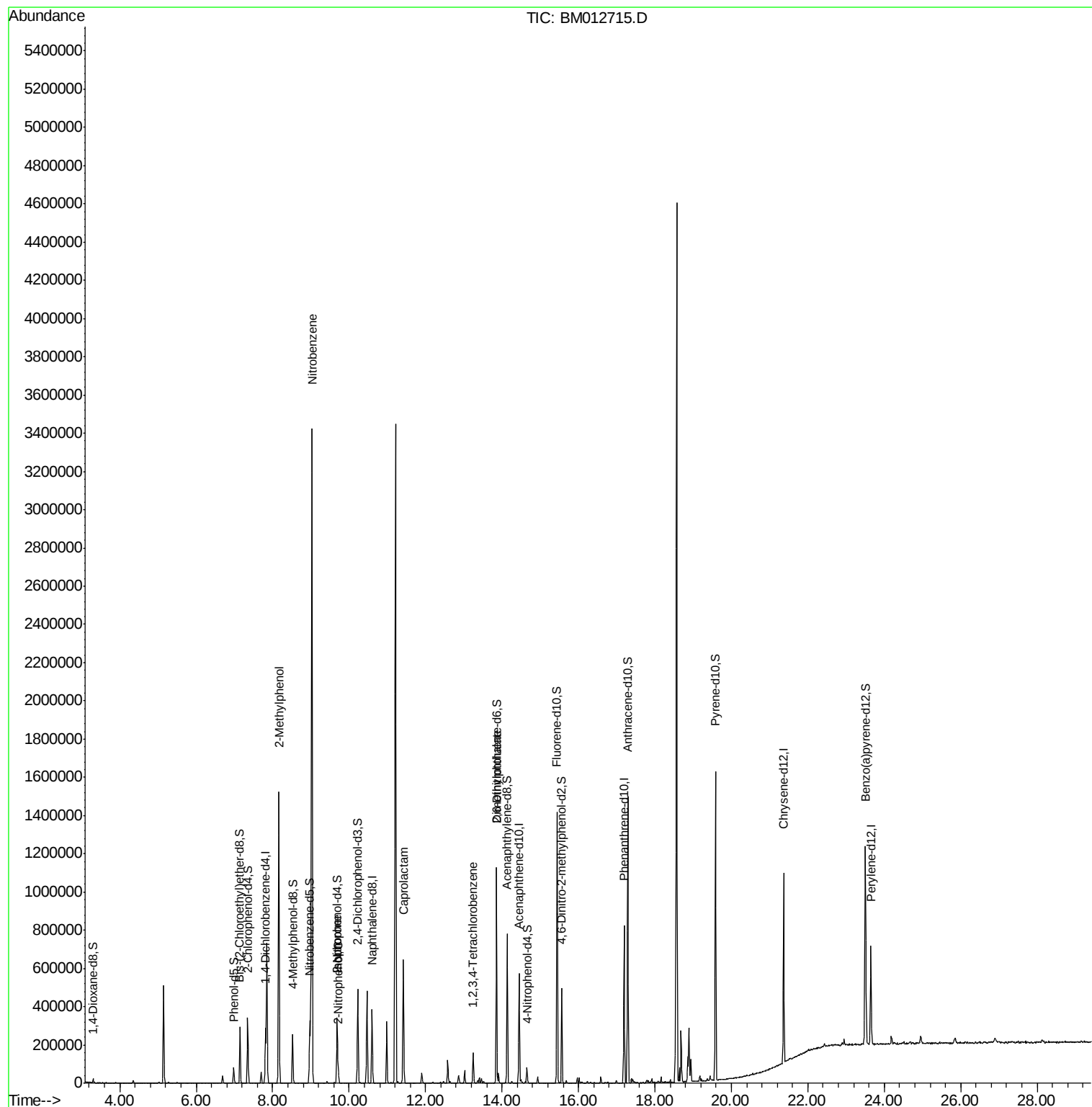
						Ovalue
11) 2-Methylphenol	8.16	108	4637	1.02	ng/ul	82
20) Nitrobenzene	9.03	77	2002551	361.25	ng/ul	100
21) Isophorone	9.69	82	10403	1.04	ng/ul#	69
23) 2-Nitrophenol	9.72	139	18355	6.33	ng/ul	94
32) Caprolactam	11.42	113	43383	28.65	ng/ul#	1
45) 2,6-Dinitrotoluene	13.86	165	5403	1.71	ng/ul#	45
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	48983	6.57	ng/uL	99

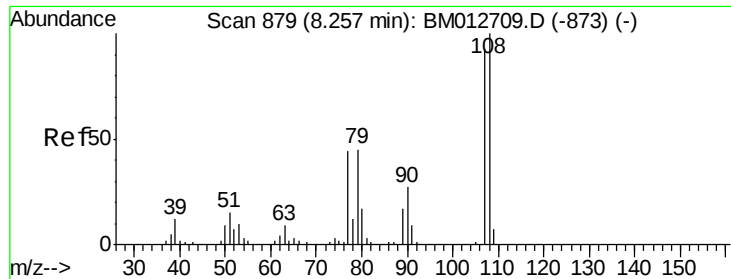
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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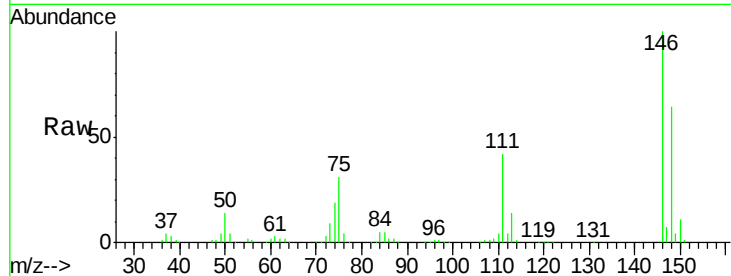




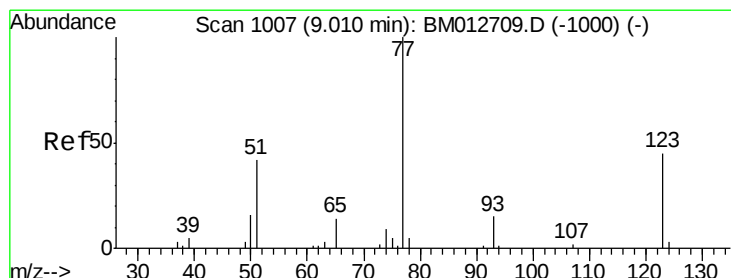
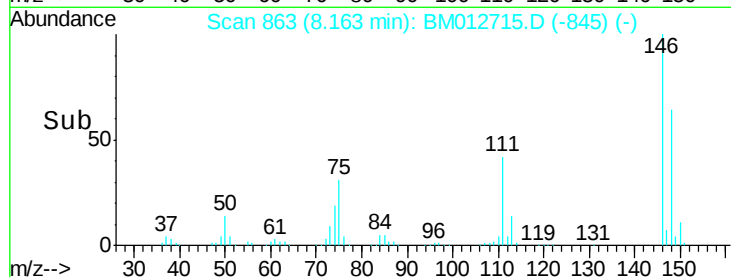
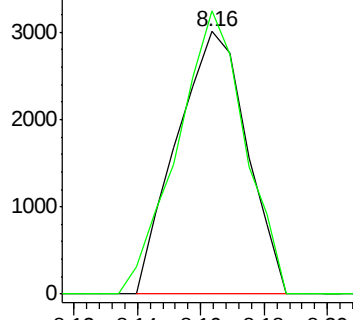
#11
2-Methylphenol
Concen: 1.02 ng/ul
RT: 8.16 min Scan# 863
Delta R.T. -0.09 min
Lab File: BM012715.D
Acq: 04 Nov 2017 19:44

Instrument :
BNA_M
ClientSampleId :
C0235

Tot Ion:108 Resp: 4637
Ion Ratio Lower Upper
108 100
107 107.7 72.4 108.6

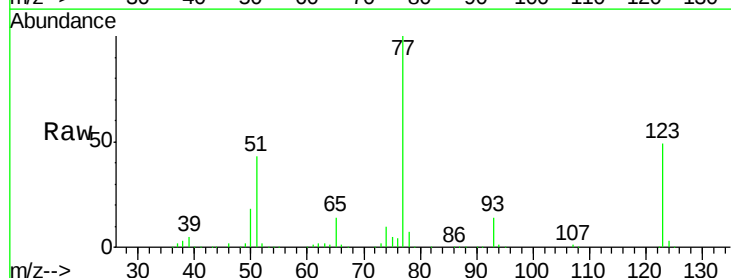


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

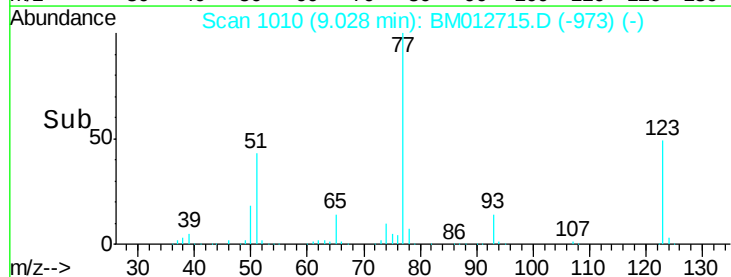
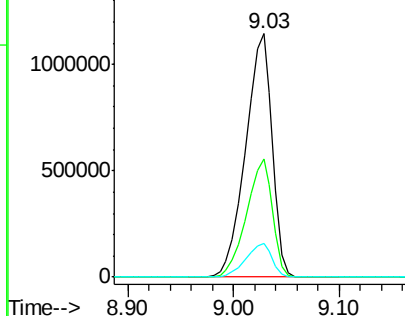


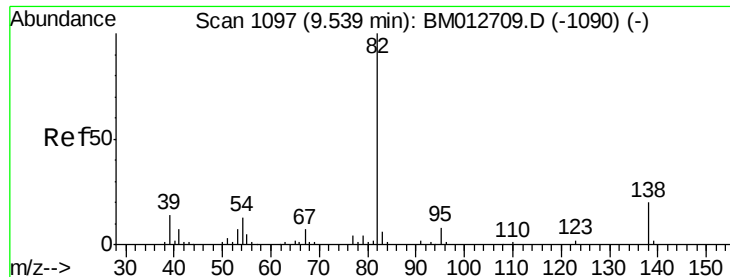
#20
Nitrobenzene
Concen: 361.25 ng/ul
RT: 9.03 min Scan# 1010
Delta R.T. 0.02 min
Lab File: BM012715.D
Acq: 04 Nov 2017 19:44

Tgt Ion: 77 Resp: 2002551
Ion Ratio Lower Upper
77 100
123 48.7 39.0 58.4
65 13.9 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 1.04 ng/ul

RT: 9.69 min Scan# 1122

Delta R.T. 0.15 min

Lab File: BM012715.D

Acq: 04 Nov 2017 19:44

Instrument :

BNA_M

ClientSampleId :

C0235

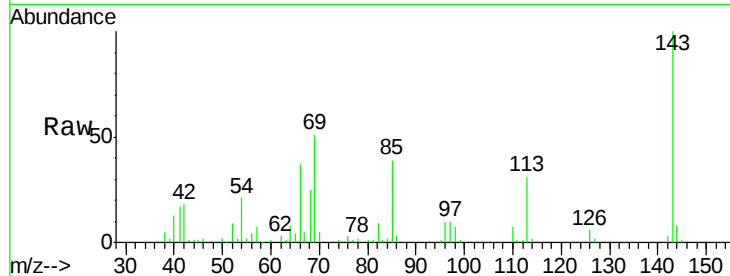
Tot Ion: 82 Resp: 10403

Ion Ratio Lower Upper

82 100

95 5.6 6.4 9.6#

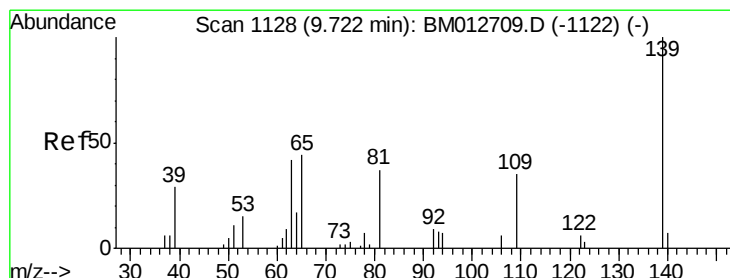
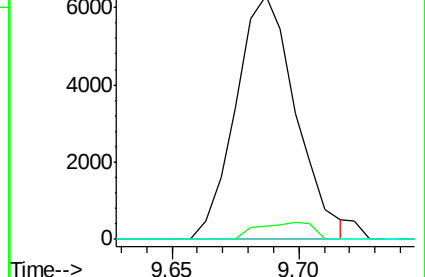
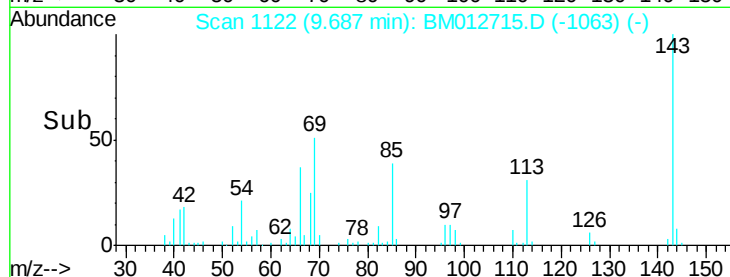
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BM012715.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BM012715.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BM012715.D (-1063) (-)



#23

2-Nitrophenol

Concen: 6.33 ng/ul

RT: 9.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BM012715.D

Acq: 04 Nov 2017 19:44

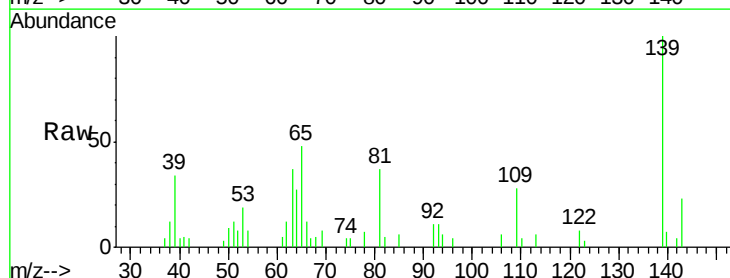
Tgt Ion: 139 Resp: 18355

Ion Ratio Lower Upper

139 100

65 47.7 36.3 54.5

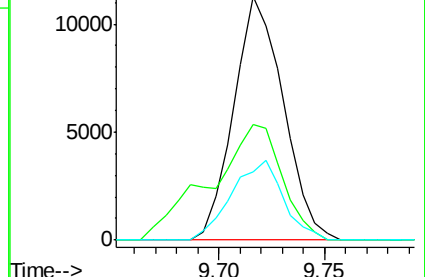
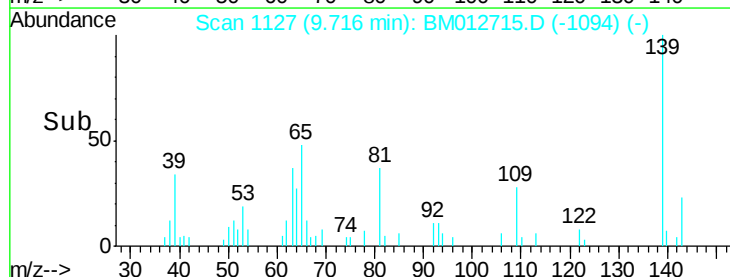
109 27.9 26.4 39.6

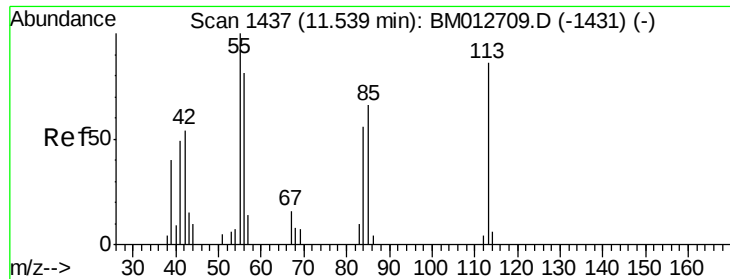


Abundance Ion 139.00 (138.70 to 139.70): BM012715.D (-1094) (-)

Ion 65.00 (64.70 to 65.70): BM012715.D (-1094) (-)

Ion 109.00 (108.70 to 109.70): BM012715.D (-1094) (-)





#32

Caprolactam

Concen: 28.65 ng/ul

RT: 11.42 min Scan# 1416

Delta R.T. -0.12 min

Lab File: BM012715.D

Acq: 04 Nov 2017 19:44

Instrument :

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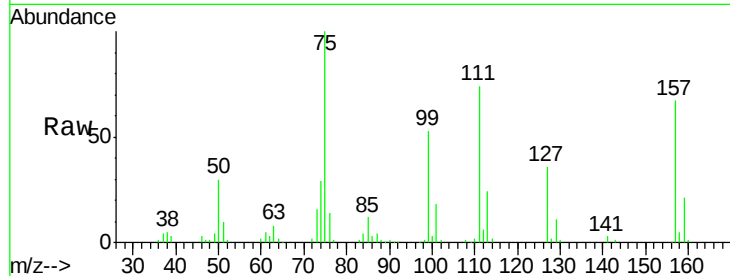
Tot Ion:113 Resp: 43383

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

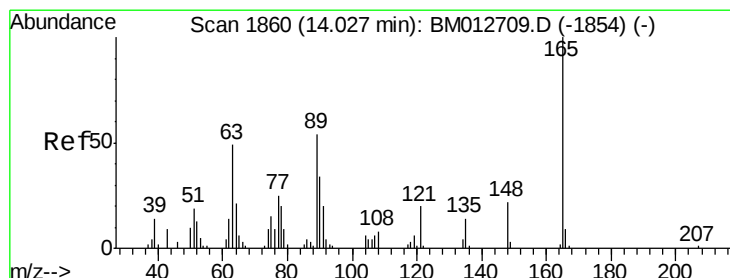
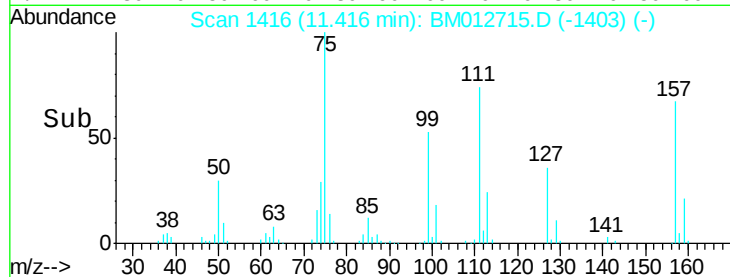
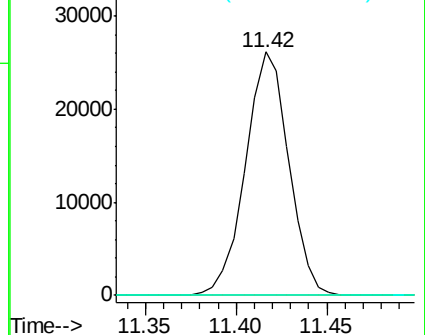
56 0.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#45

2,6-Dinitrotoluene

Concen: 1.71 ng/ul

RT: 13.86 min Scan# 1831

Delta R.T. -0.17 min

Lab File: BM012715.D

Acq: 04 Nov 2017 19:44

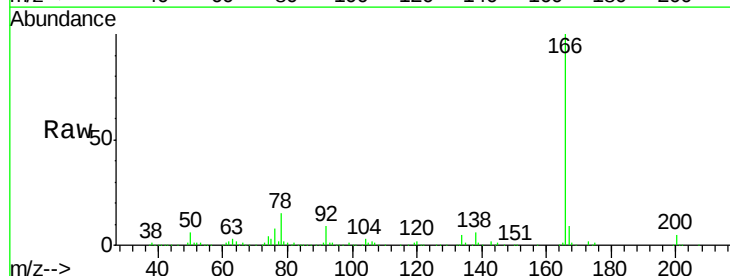
Tgt Ion:165 Resp: 5403

Ion Ratio Lower Upper

165 100

89 8.2 42.4 63.6#

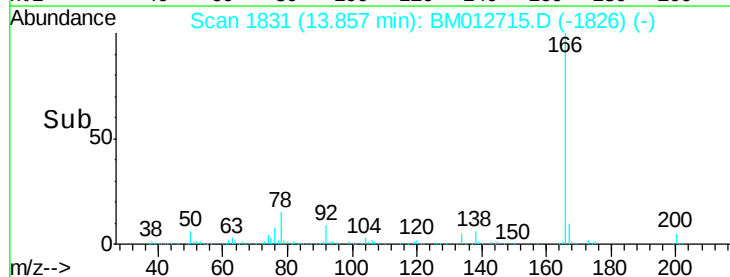
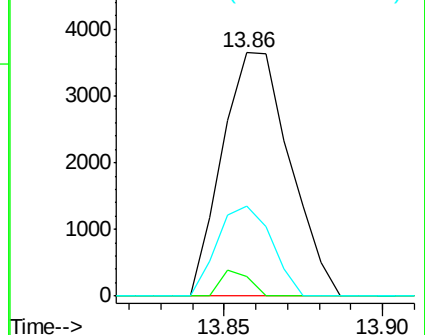
121 36.9 16.6 24.8#

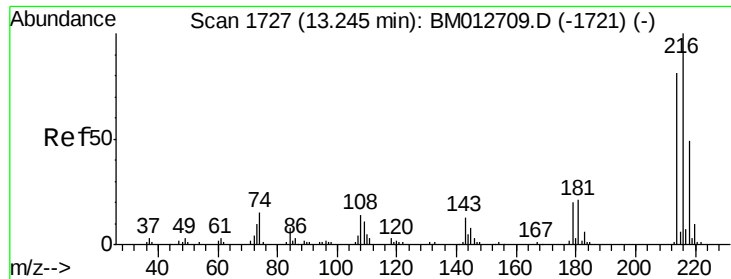


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 6.57 ng/uL

RT: 13.25 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM012715.D

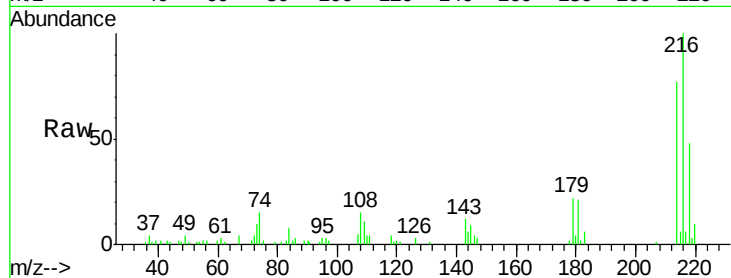
Acq: 04 Nov 2017 19:44

Instrument :

BNA_M

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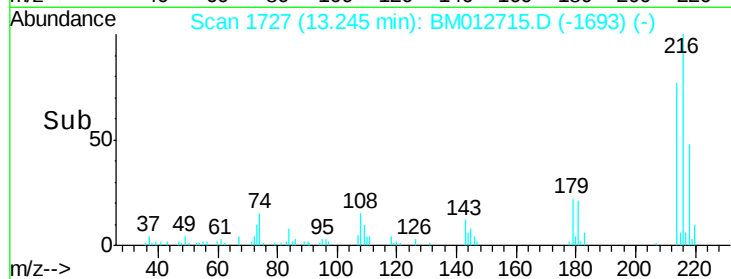
Tot Ion:216 Resp: 48983

Ion Ratio Lower Upper

216 100

214 77.2 62.5 93.7

218 47.7 38.4 57.6



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

