

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009255.D
 Acq On : 14 Mar 2017 14:46
 Operator : SJ/MA
 Sample : I2235-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 15 01:53:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 01:51:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	136249	20.00	ng/ul	0.03
18) Naphthalene-d8	10.70	136	518488	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.52	164	331898	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	907005	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1415979	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1493906	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	11858	3.83	ng/uL	0.00
5) Phenol-d5	7.03	99	61903	4.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	229347	23.89	ng/ul	0.01
9) 2-Chlorophenol-d4	7.41	132	172623	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	124818	10.61	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	123447	33.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	127695	31.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	233755	26.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	14633	1.40	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	911082	36.14	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1105948	38.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	24124	4.82	ng/ul	0.00
57) Fluorene-d10	15.51	176	847564	37.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	131023	24.15	ng/ul	0.00
70) Anthracene-d10	17.36	188	1479470	34.47	ng/ul	0.00
78) Pyrene-d10	19.66	212	1922886	33.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2345214	34.31	ng/ul	0.01

Target Compounds

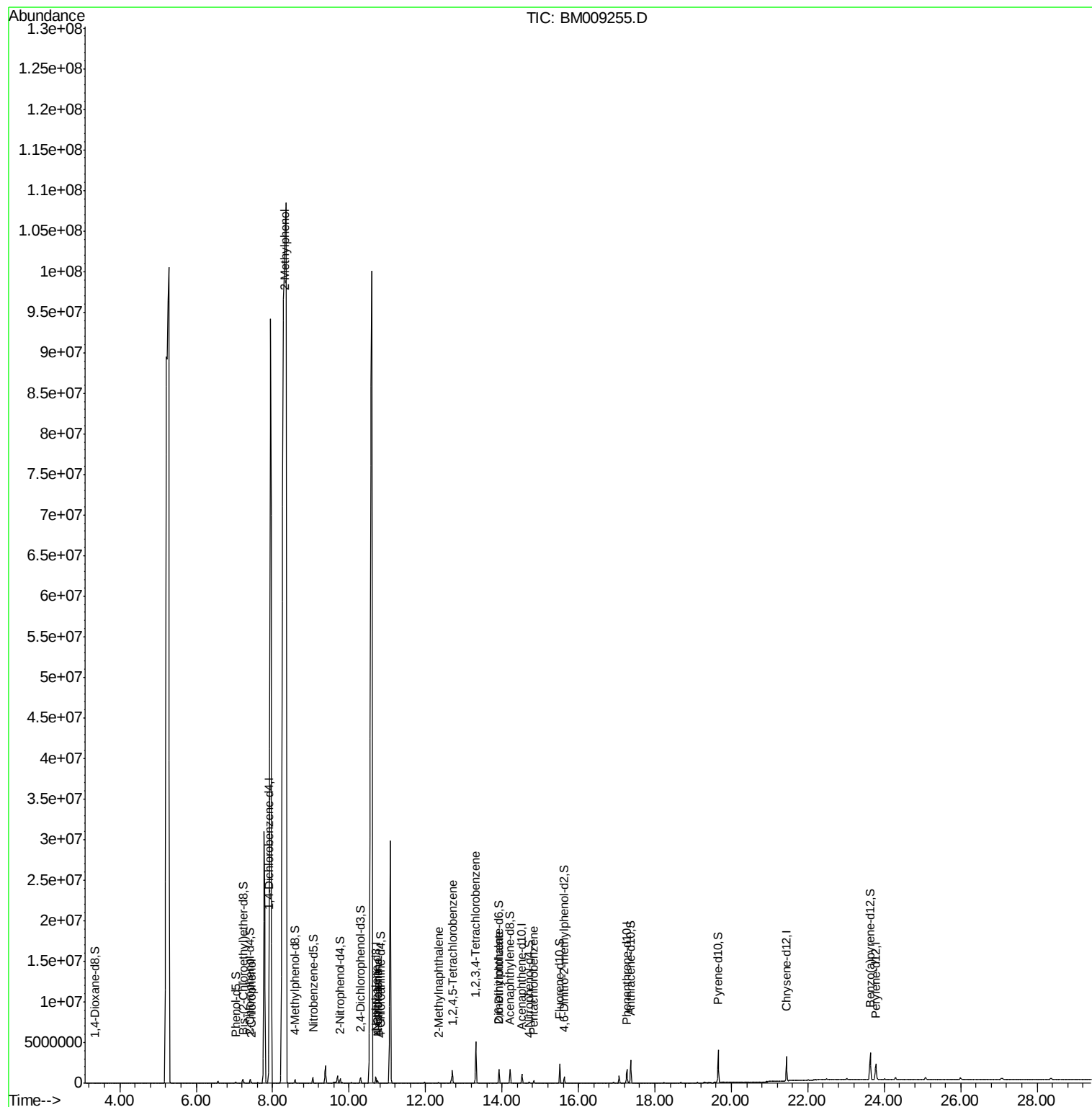
						Ovalue
10) 2-Chlorophenol	7.45	128	25689	2.77	ng/ul#	71
11) 2-Methylphenol	8.32	108	1168779	102.50	ng/ul	91
28) Naphthalene	10.75	128	227319	8.55	ng/ul	98
30) 4-Chloroaniline	10.75	127	30026	2.71	ng/ul#	9
34) 2-Methylnaphthalene	12.33	142	26659	1.26	ng/ul#	81
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	435472	43.62	ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	6177	1.27	ng/ul#	46
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	1412522	132.56	ng/uL	99
73) Pentachlorobenzene	14.83	250	84123	7.35	ng/ul	94

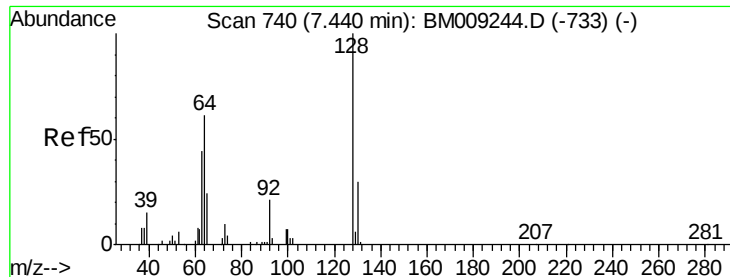
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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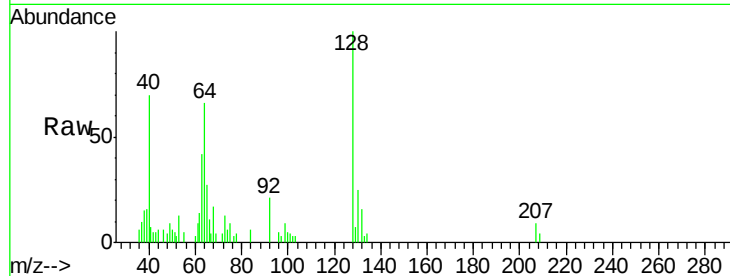




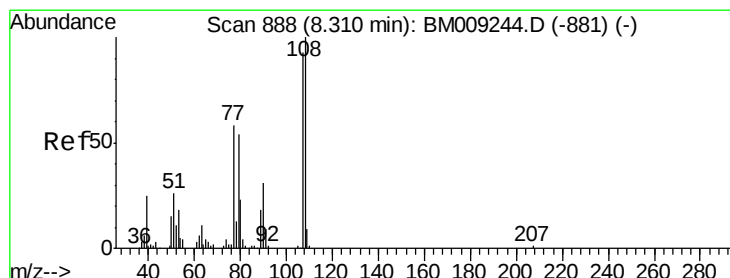
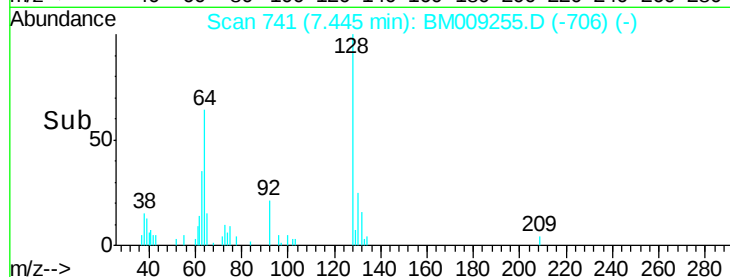
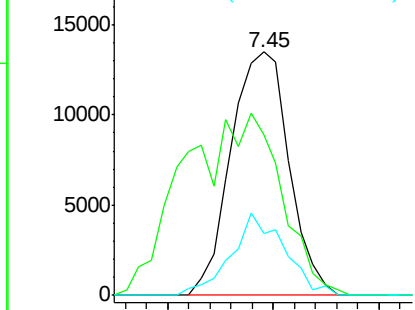
#10
2-Chlorophenol
Concen: 2.77 ng/ul
RT: 7.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BM009255.D
Acq: 14 Mar 2017 14:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 25689
Ion Ratio Lower Upper
128 100
64 65.9 31.9 47.9#
130 25.5 25.6 38.4#

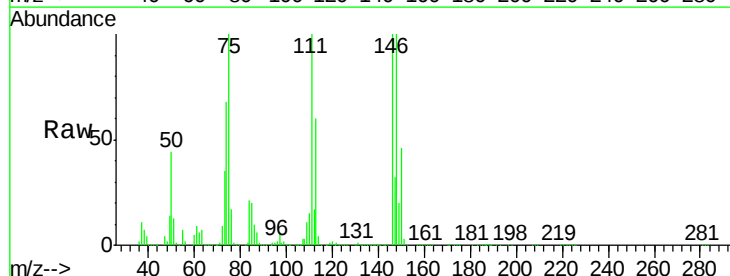


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM009244.D (-733) (-)
Ion 130.00 (129.70 to 130.70): E

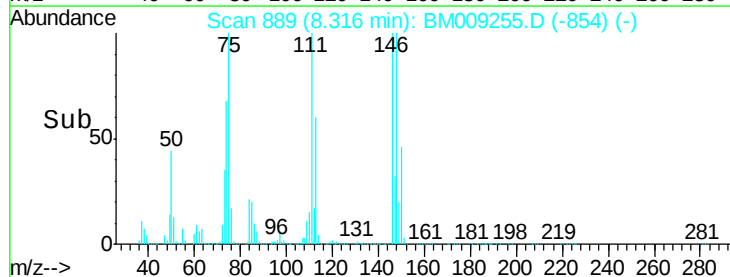
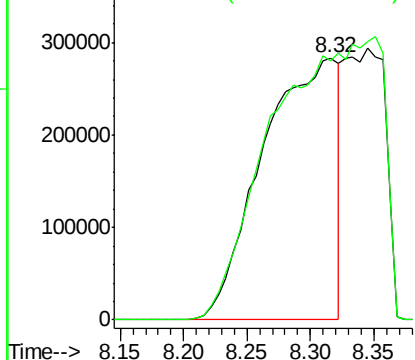


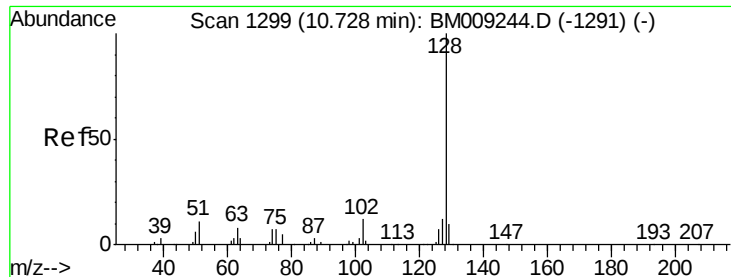
#11
2-Methylphenol
Concen: 102.50 ng/ul
RT: 8.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BM009255.D
Acq: 14 Mar 2017 14:46

Tgt Ion:108 Resp: 1168779
Ion Ratio Lower Upper
108 100
107 98.7 72.4 108.6



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

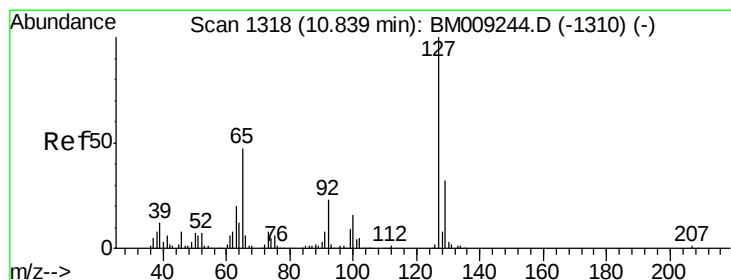
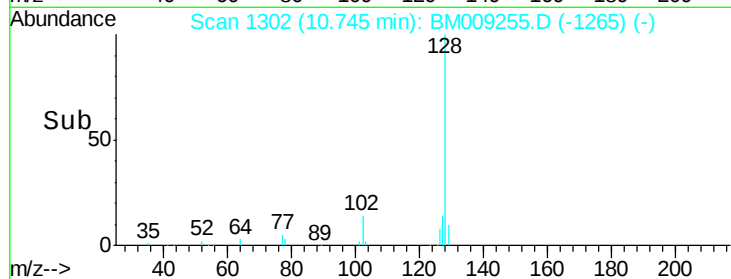
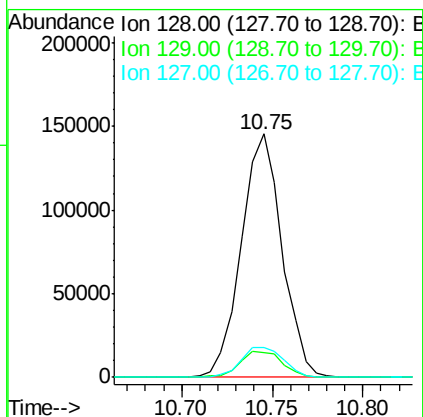
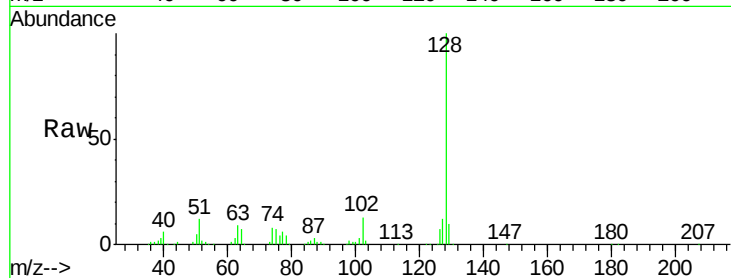




#28
Naphthalene
Concen: 8.55 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BM009255.D
Acq: 14 Mar 2017 14:46

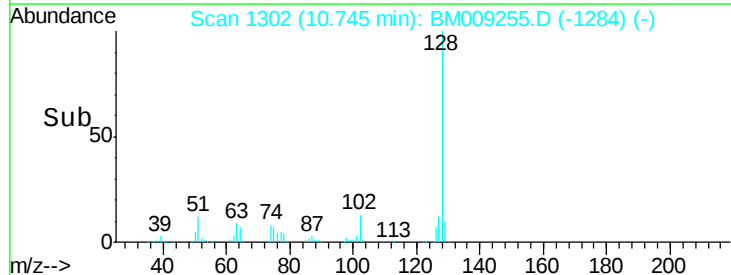
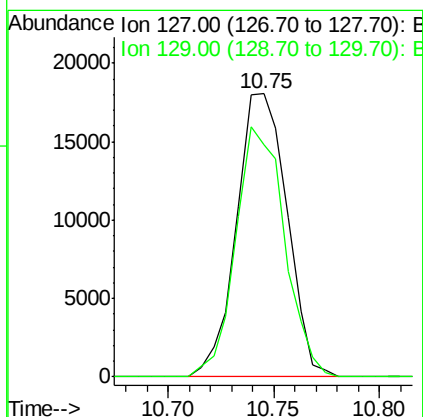
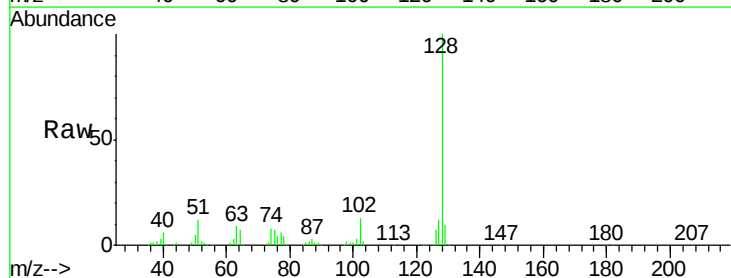
Instrument :
BNA_M
ClientSampleId :

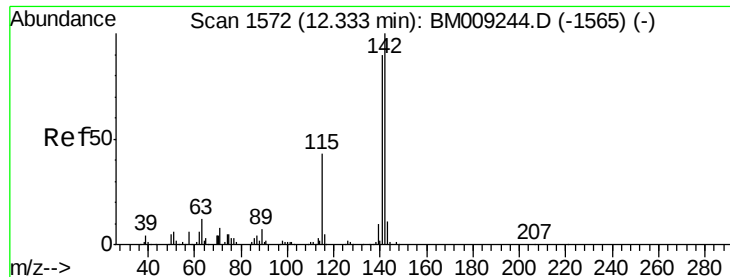
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	12.4	10.5	15.7



#30
4-Chloroaniline
Concen: 2.71 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. -0.09 min
Lab File: BM009255.D
Acq: 14 Mar 2017 14:46

Tgt Ion	Ratio	Lower	Upper
127	100		
129	82.2	25.4	38.2





#34

2-Methylnaphthalene

Concen: 1.26 ng/ul

RT: 12.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BM009255.D

Acq: 14 Mar 2017 14:46

Instrument :

BNA_M

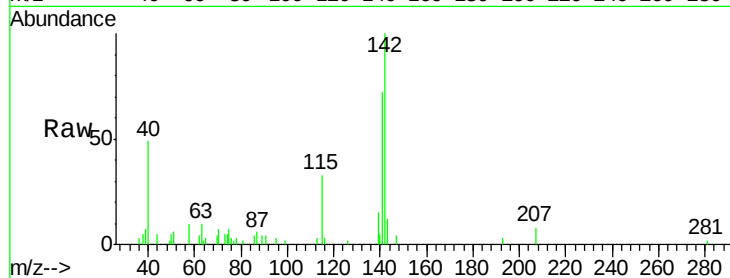
ClientSampleId :

Tot Ion:142 Resp: 26659

Ion Ratio Lower Upper

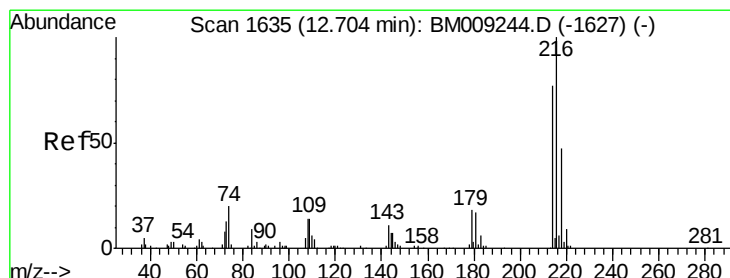
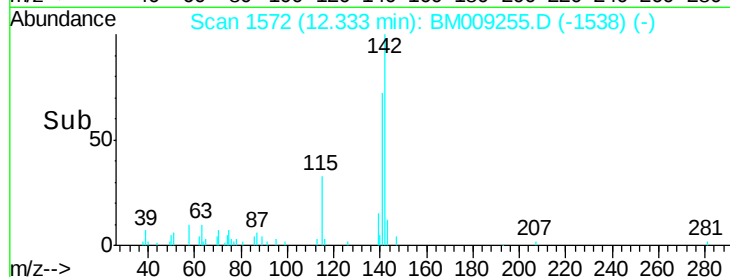
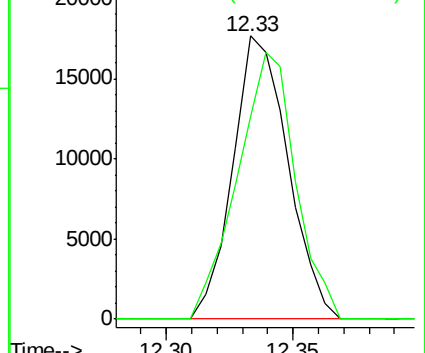
142 100

141 71.6 71.6 107.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 43.62 ng/ul

RT: 12.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BM009255.D

Acq: 14 Mar 2017 14:46

Tgt Ion:216 Resp: 435472

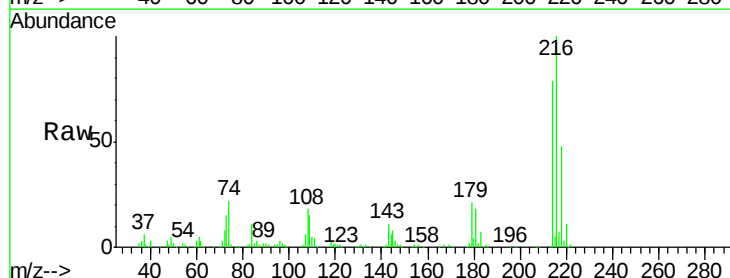
Ion Ratio Lower Upper

216 100

214 79.2 62.5 93.7

179 20.5 18.2 27.2

108 18.1 14.2 21.2

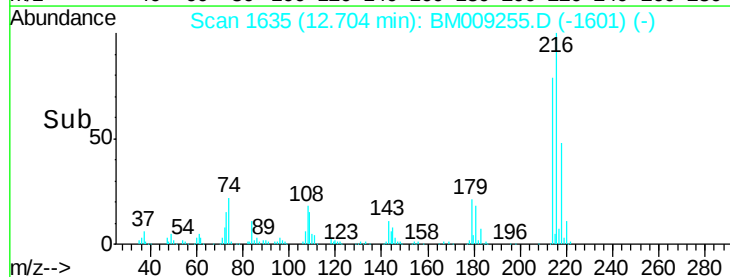
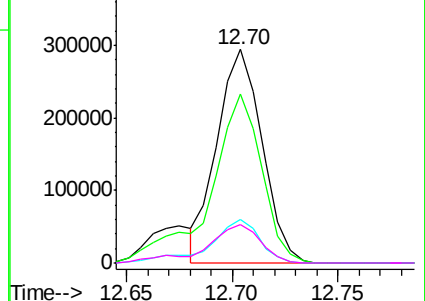


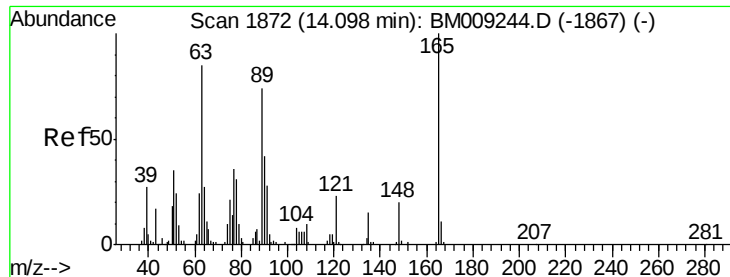
Abundance Ion 216.00 (215.70 to 216.70): E

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





#45

2,6-Dinitrotoluene

Concen: 1.27 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.17 min

Lab File: BM009255.D

Acq: 14 Mar 2017 14:46

Instrument :

BNA_M

ClientSampleId :

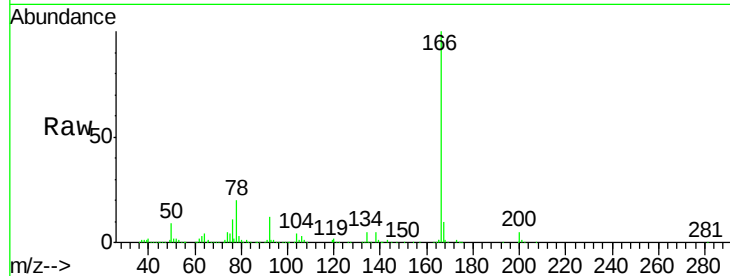
Tot Ion:165 Resp: 6177

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

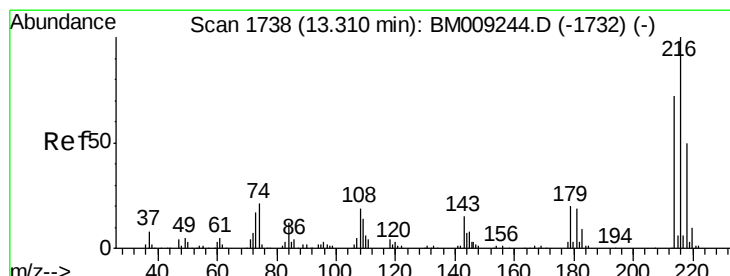
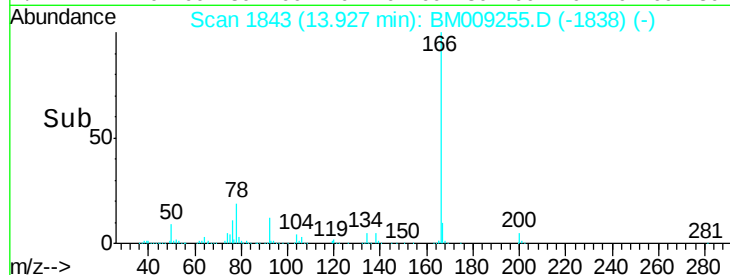
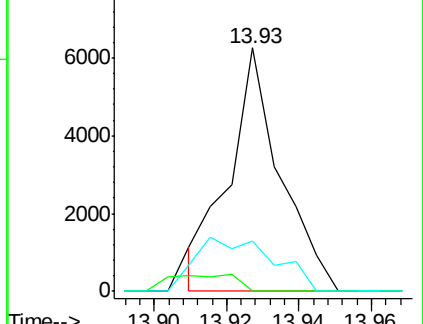
121 20.5 16.6 24.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 132.56 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. 0.01 min

Lab File: BM009255.D

Acq: 14 Mar 2017 14:46

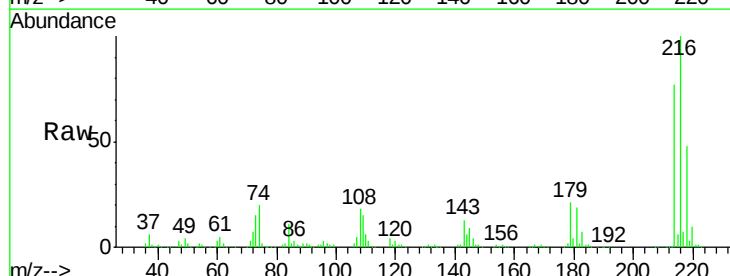
Tgt Ion:216 Resp: 1412522

Ion Ratio Lower Upper

216 100

214 76.9 62.5 93.7

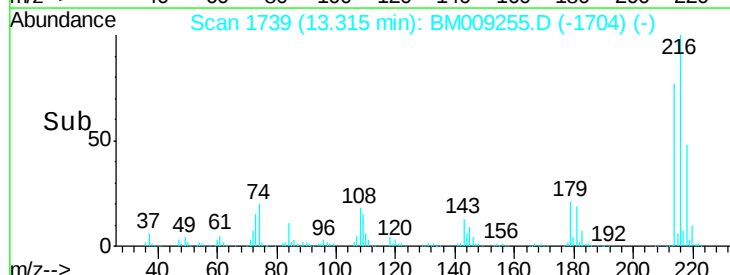
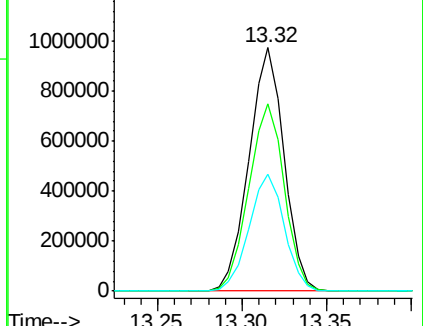
218 47.9 38.4 57.6

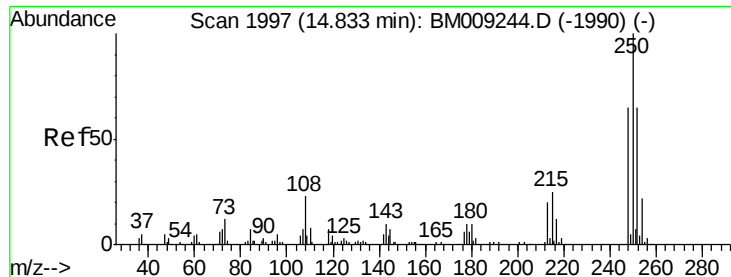


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

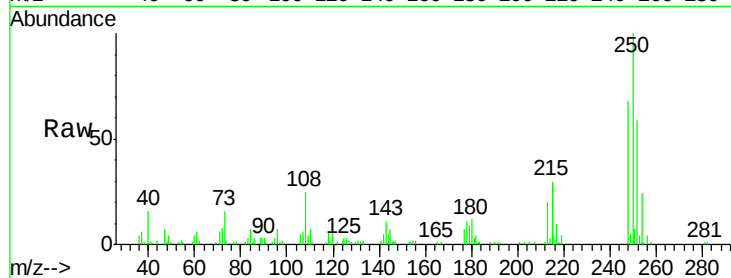




#73
 Pentachlorobenzene
 Concen: 7.35 ng/uL
 RT: 14.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BM009255.D
 Acq: 14 Mar 2017 14:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
250	100		
248	67.5	50.6	75.8
252	58.5	51.4	77.0



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

