

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016893.D
 Acq On : 26 Sep 2018 11:21
 Operator : MJ/SJ
 Sample : J5036-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 27 01:22:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 01:22:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	195680	20.00	ng/ul	0.04
18) Naphthalene-d8	10.52	136	1016887	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.35	164	524150	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1140175	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1258685	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1351983	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	8471	1.85	ng/uL	0.00
5) Phenol-d5	6.89	99	146950	8.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	406040	39.73	ng/ul	0.03
9) 2-Chlorophenol-d4	7.26	132	458257	34.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	289731	22.69	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	283739	42.46	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	287965	47.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	512764	33.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	4308	0.23	ng/ul	0.02
44) Dimethylphthalate-d6	13.77	166	1683093	39.99	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	2161477	39.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	52615	7.62	ng/ul	0.00
58) Fluorene-d10	15.35	176	1500900	40.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	212073	45.31	ng/ul	0.00
71) Anthracene-d10	17.20	188	2307982	41.96	ng/ul	0.00
79) Pyrene-d10	19.50	212	2555919	41.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2956693	41.92	ng/ul	0.00

Target Compounds

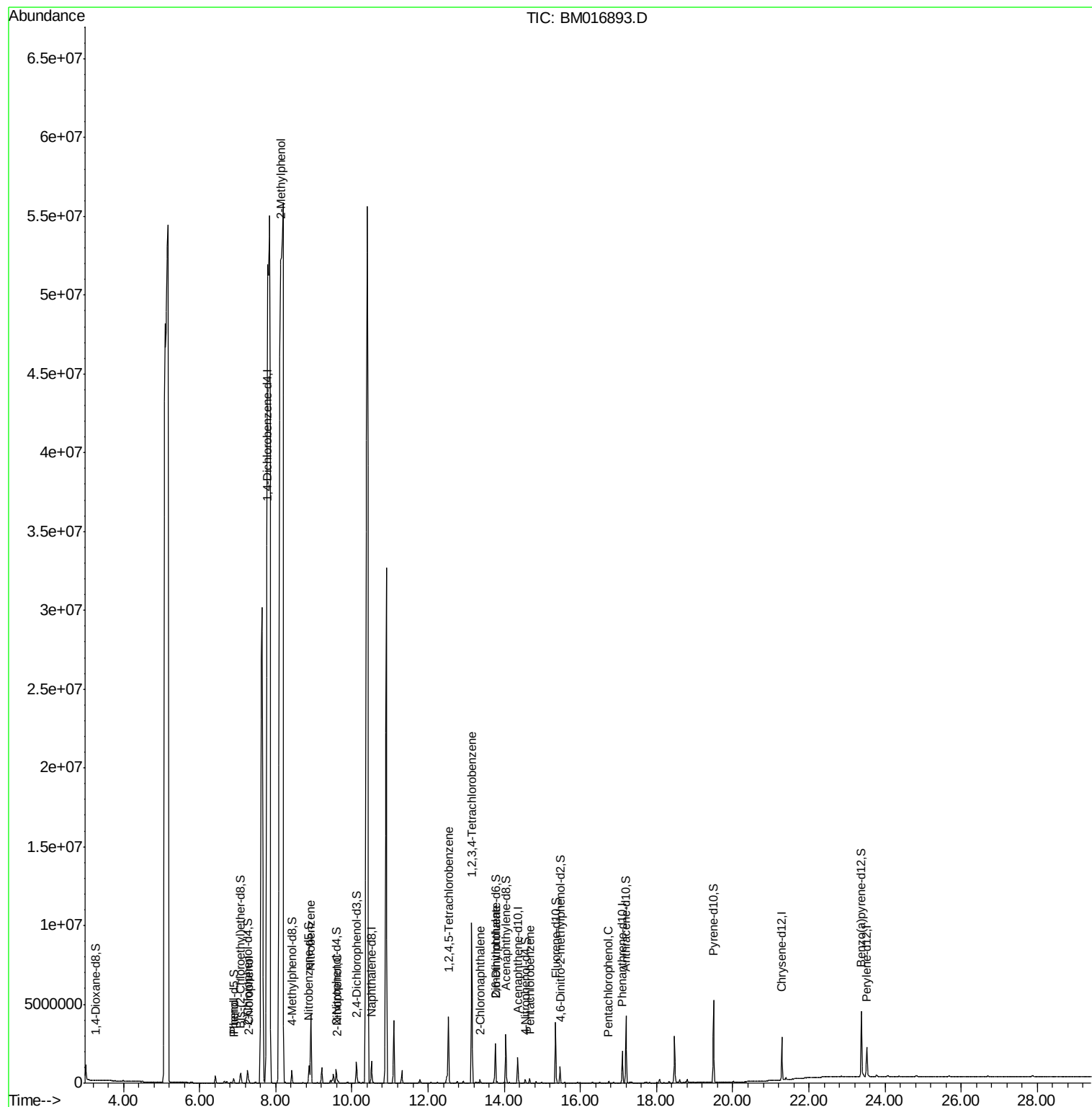
					Ovalue
6) Phenol	6.92	94	18099	1.099	ng/ul 98
10) 2-Chlorophenol	7.29	128	68103	5.034	ng/ul 98
11) 2-Methylphenol	8.12	108	290139	23.498	ng/ul 96
20) Nitrobenzene	8.92	77	2309457	136.642	ng/ul# 88
23) 2-Nitrophenol	9.62	139	33062	4.714	ng/ul# 89
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	1492804	82.928	ng/ul 97
42) 2-Chloronaphthalene	13.36	162	54837	1.607	ng/ul# 43
46) 2,6-Dinitrotoluene	13.77	165	12591	1.993	ng/ul# 42
69) Pentachlorophenol	16.75	266	12832	1.709	ng/ul 93
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	3149167	166.881	ng/uL 98
74) Pentachlorobenzene	14.67	250	75120	4.413	ng/uL 97

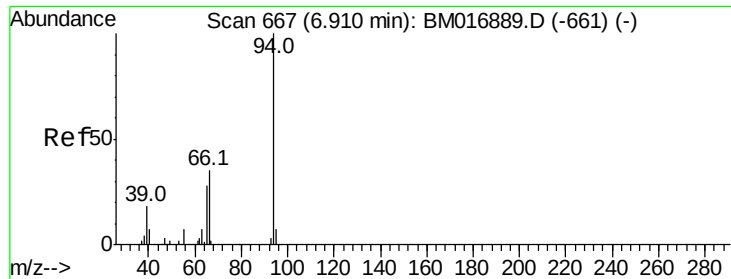
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 01:22:07 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.099 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM016893.D

Acq: 26 Sep 2018 11:21

Instrument :

BNA_M

ClientSampled :

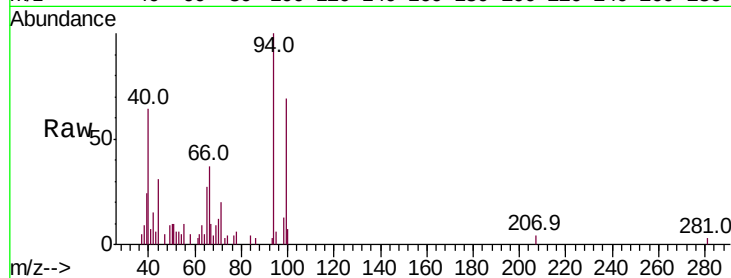
Tot Ion: 94 Resp: 18099

Ion Ratio Lower Upper

94 100

65 26.7 23.0 34.6

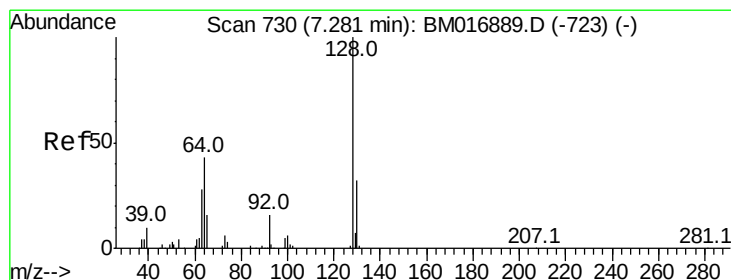
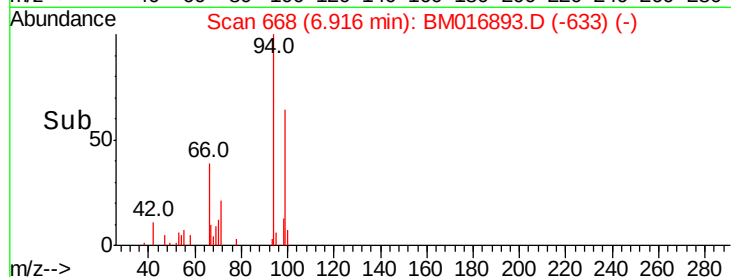
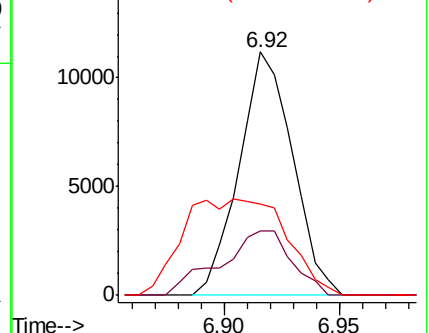
66 37.3 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016889.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016889.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016889.D (-661) (-)



#10

2-Chlorophenol

Concen: 5.034 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. 0.01 min

Lab File: BM016893.D

Acq: 26 Sep 2018 11:21

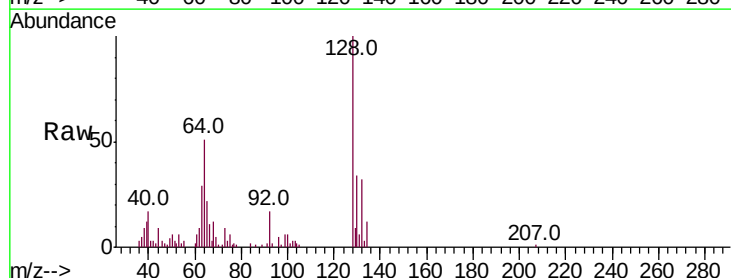
Tgt Ion: 128 Resp: 68103

Ion Ratio Lower Upper

128 100

64 51.4 39.8 59.6

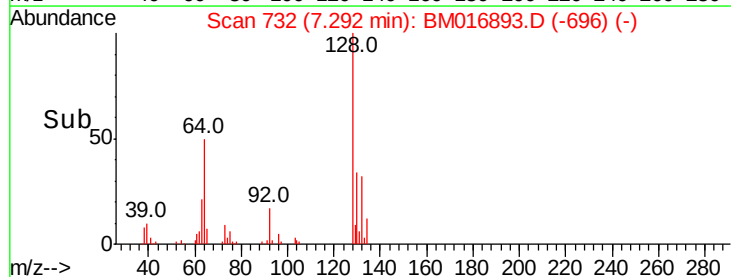
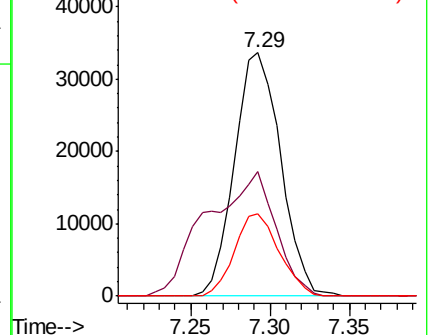
130 33.6 25.8 38.8

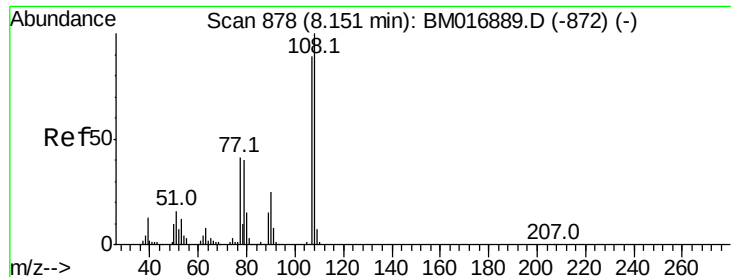


Abundance Ion 128.00 (127.70 to 128.70): BM016889.D (-723) (-)

Ion 64.00 (63.70 to 64.70): BM016889.D (-723) (-)

Ion 130.00 (129.70 to 130.70): BM016889.D (-723) (-)

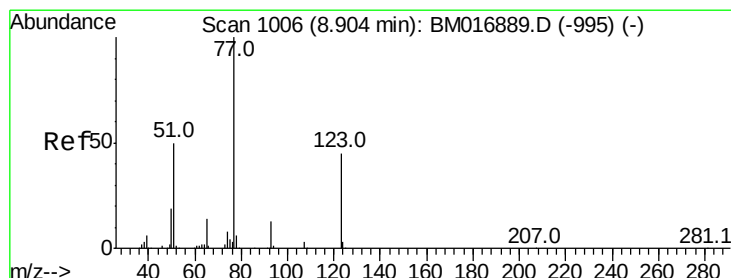
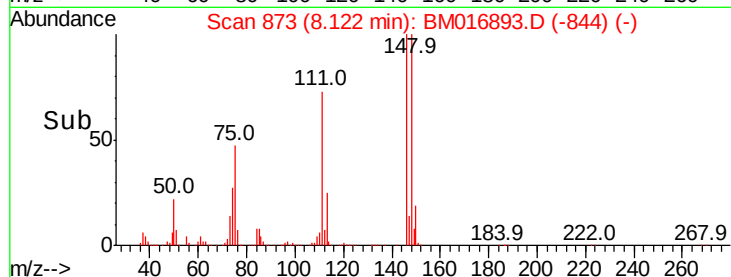
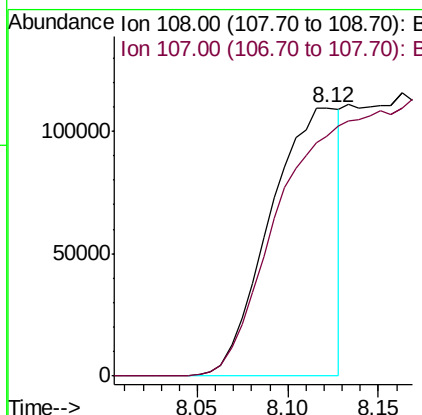
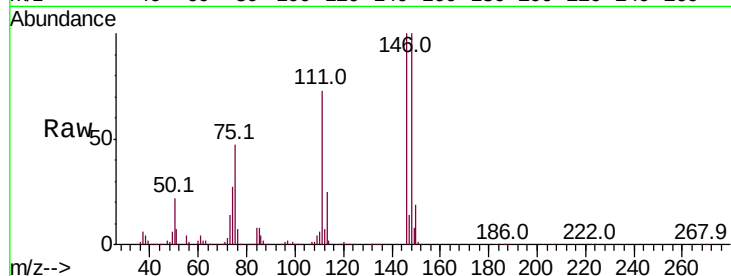




#11
2-Methylphenol
Concen: 23.498 ng/ul
RT: 8.12 min Scan# 873
Delta R.T. -0.03 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

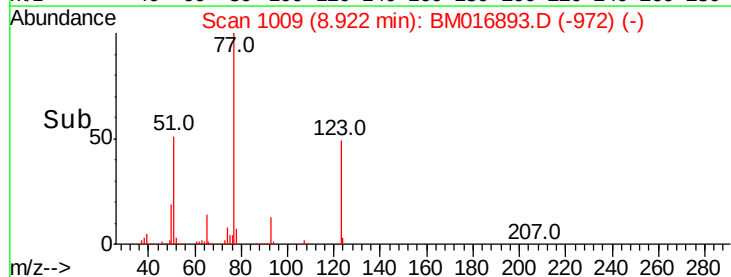
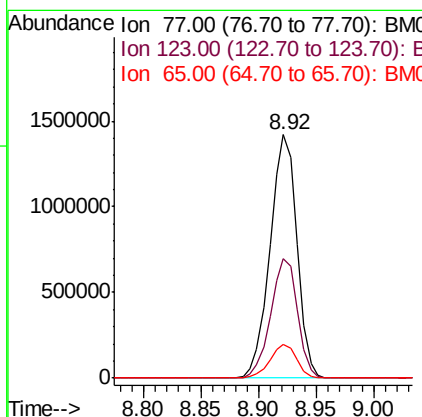
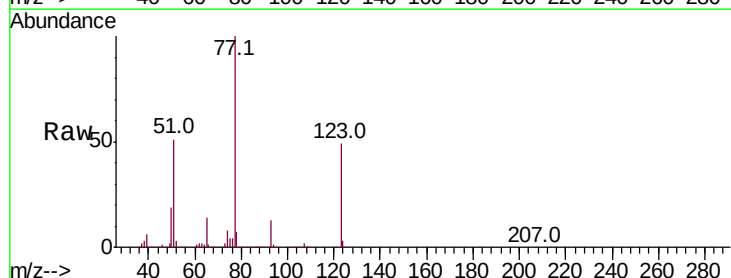
Instrument :
BNA_M
ClientSampleId :

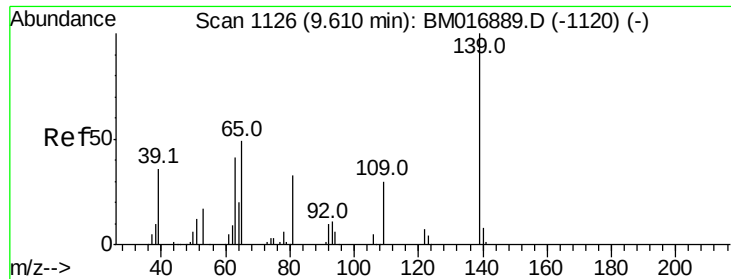
Tot Ion:108 Resp: 290139
Ion Ratio Lower Upper
108 100
107 89.2 74.1 111.1



#20
Nitrobenzene
Concen: 136.642 ng/ul
RT: 8.92 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

Tgt Ion: 77 Resp: 2309457
Ion Ratio Lower Upper
77 100
123 49.1 31.8 47.8#
65 14.1 10.6 16.0

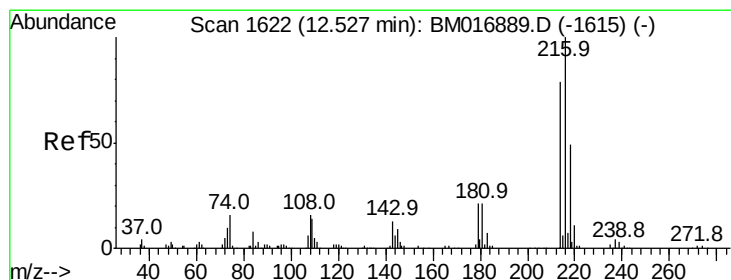
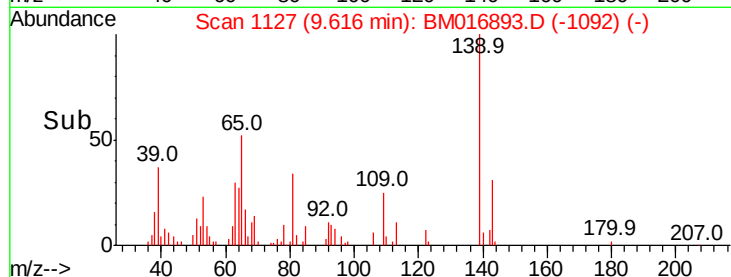
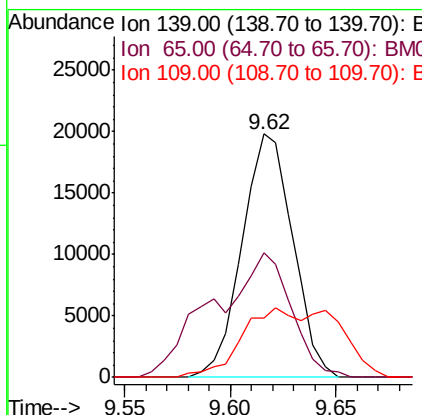
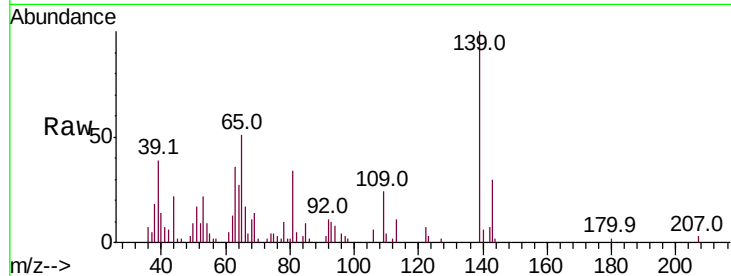




#23
2-Nitrophenol
Concen: 4.714 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

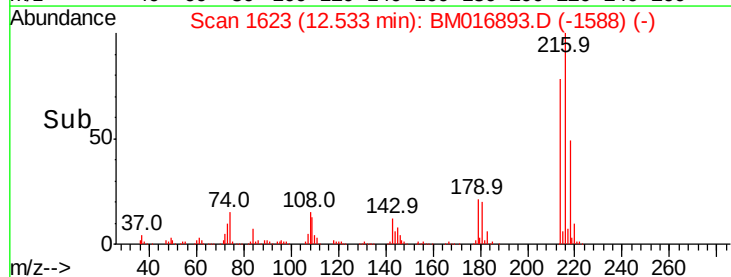
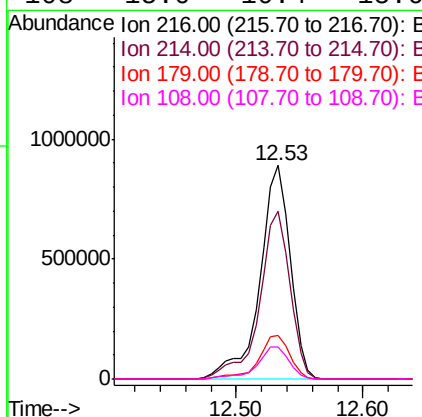
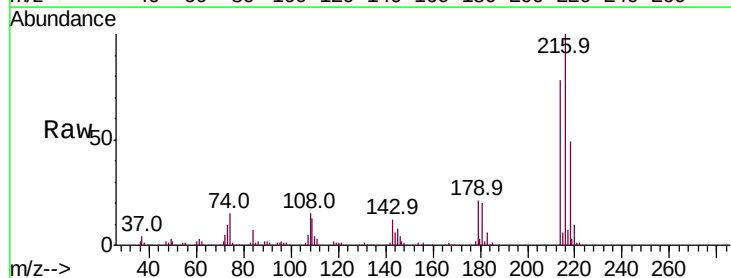
Instrument :
BNA_M
ClientSampleId :

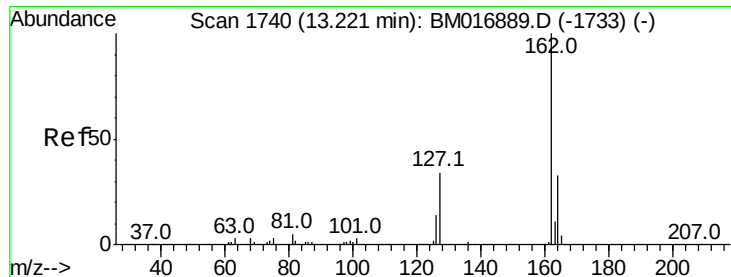
Tot Ion:139 Resp: 33062
Ion Ratio Lower Upper
139 100
65 51.0 45.3 67.9
109 24.5 27.7 41.5#



#37
1,2,4,5-Tetrachlorobenzene
Concen: 82.928 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

Tgt Ion:216 Resp: 1492804
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 20.5 14.5 21.7
108 15.0 10.4 15.6

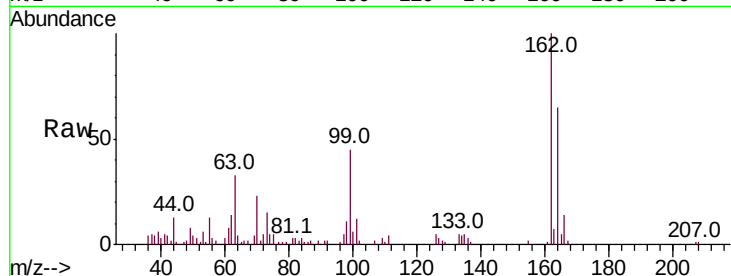




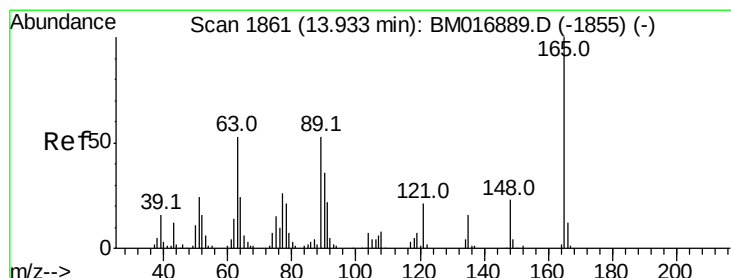
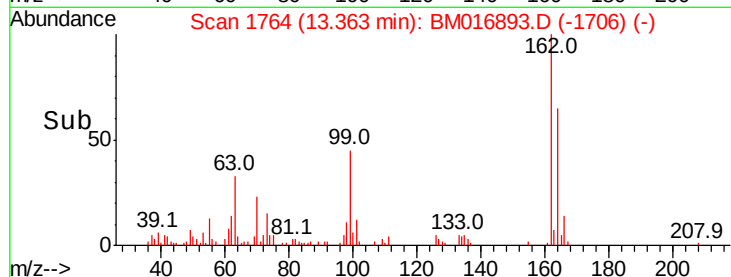
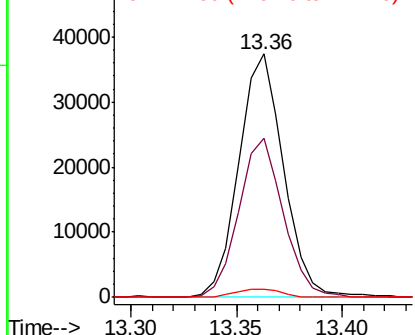
#42
2-Chloronaphthalene
Concen: 1.607 ng/ul
RT: 13.36 min Scan# 1764
Delta R.T. 0.14 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 54837
Ion Ratio Lower Upper
162 100
164 65.3 26.2 39.4#
127 3.3 29.5 44.3#

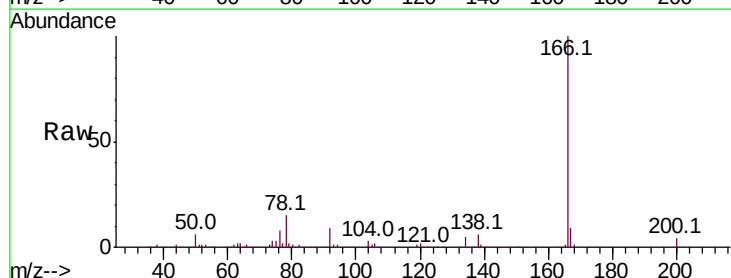


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

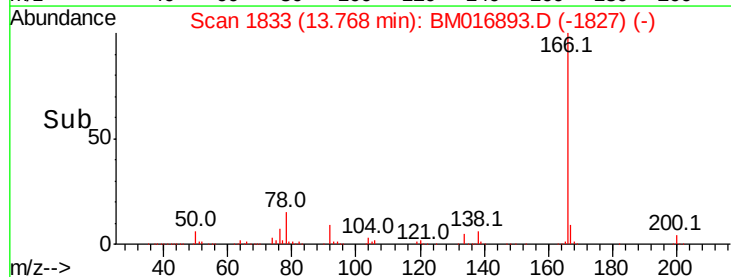
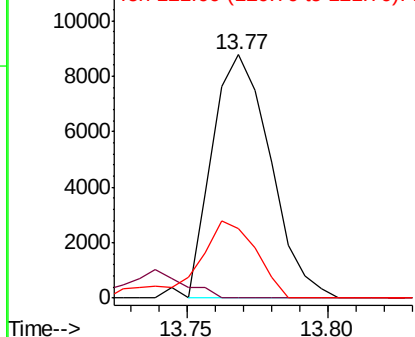


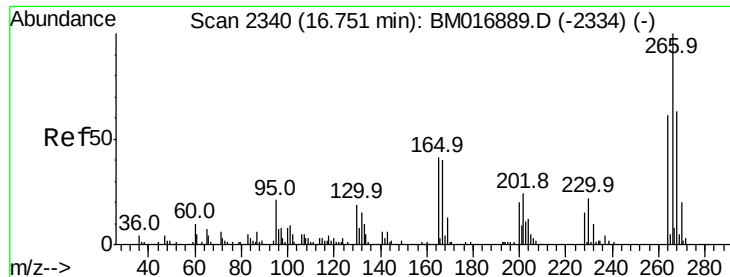
#46
2,6-Dinitrotoluene
Concen: 1.993 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.16 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

Tgt Ion:165 Resp: 12591
Ion Ratio Lower Upper
165 100
89 0.0 43.8 65.8#
121 28.7 17.8 26.6#



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





#69

Pentachlorophenol

Concen: 1.709 ng/uL

RT: 16.75 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BM016893.D

Acq: 26 Sep 2018 11:21

Instrument :

BNA_M

ClientSampleId :

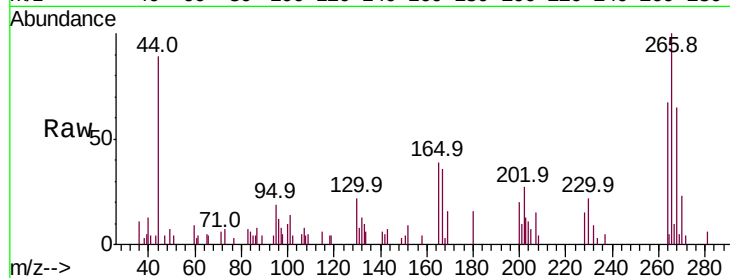
Tot Ion:266 Resp: 12832

Ion Ratio Lower Upper

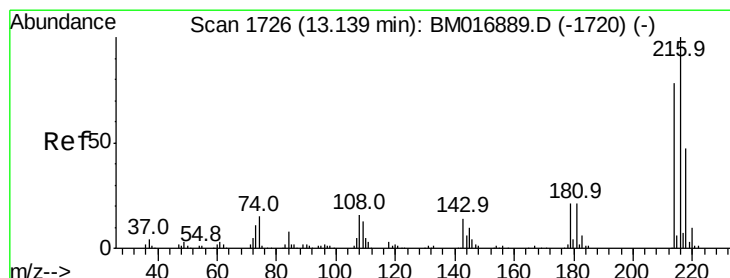
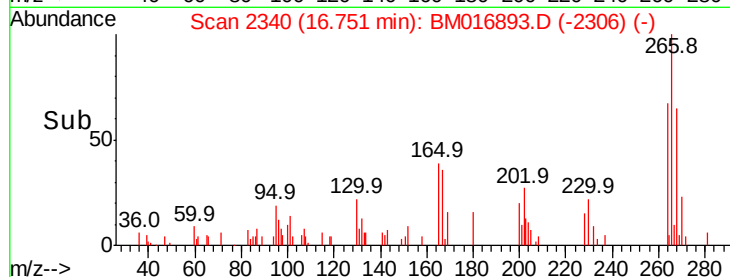
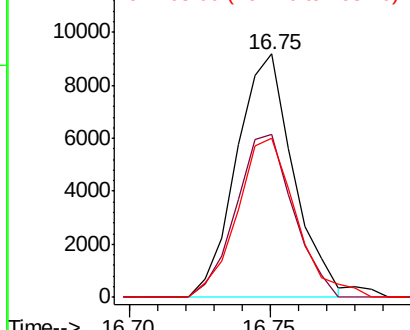
266 100

264 71.8 48.2 72.4

268 65.1 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 166.881 ng/uL

RT: 13.14 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BM016893.D

Acq: 26 Sep 2018 11:21

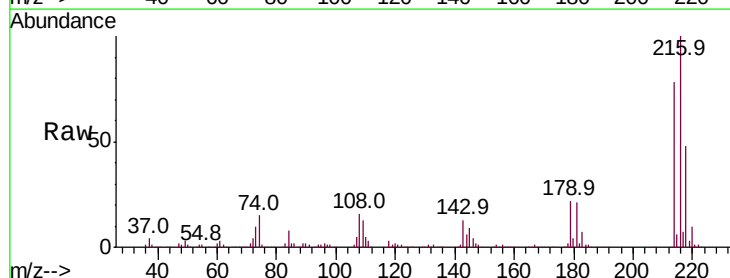
Tgt Ion:216 Resp: 3149167

Ion Ratio Lower Upper

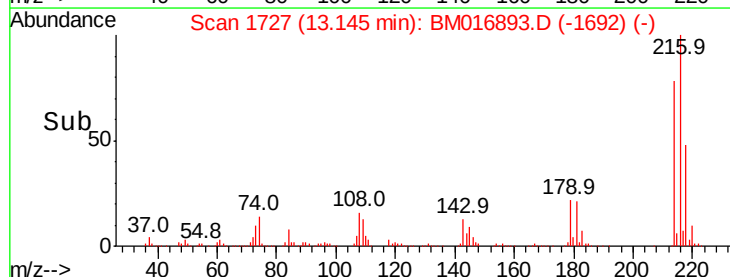
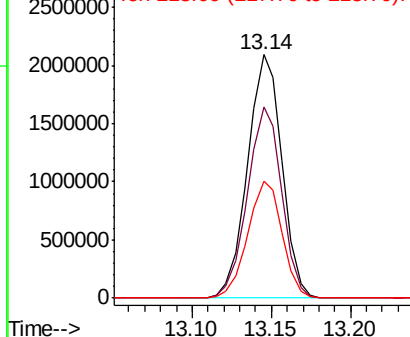
216 100

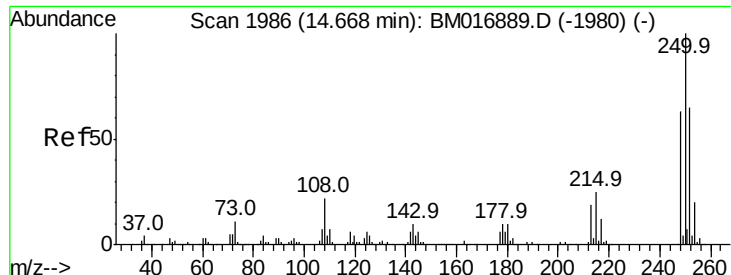
214 78.3 64.1 96.1

218 48.2 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: 4.413 ng/uL

RT: 14.67 min Scan# 1986

Delta R.T. -0.00 min

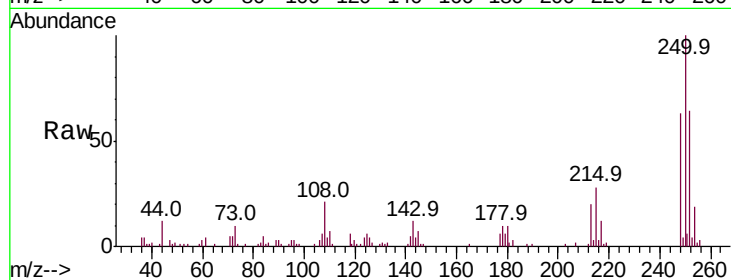
Lab File: BM016893.D

Acq: 26 Sep 2018 11:21

Instrument :

BNA_M

ClientSampleId :



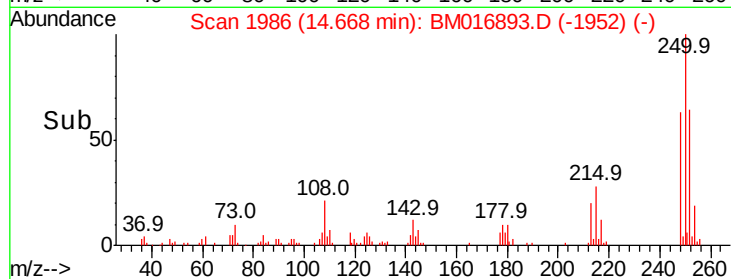
Tot Ion:250 Resp: 75120

Ion Ratio Lower Upper

250 100

248 62.6 51.4 77.2

252 64.5 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

