

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 :
 C08W9

Manual Integrations
 APPROVED

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Quant Time: Sep 27 10:46:42 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
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
69) Pentachlorophenol	16.75	266	13074m	1.741	ng/ul
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

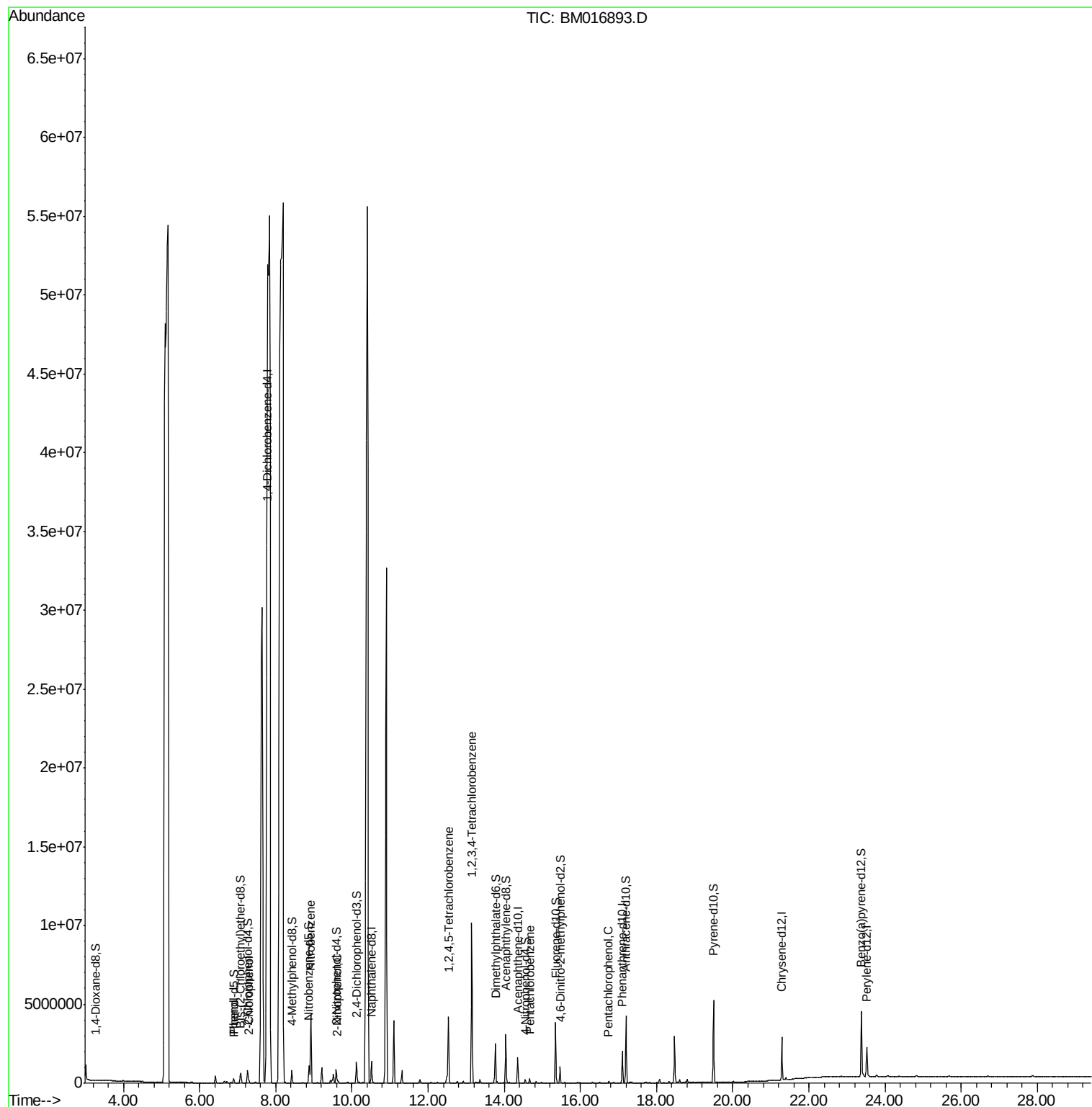
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016893.D
Acq On : 26 Sep 2018 11:21
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Misc :
ALS Vial : 6 Sample Multiplier: 1

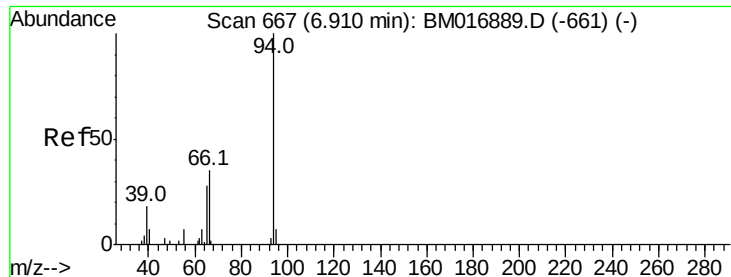
Instrument :
BNA_M
ClientSampleId :
C08W9

Quant Time: Sep 27 10:46:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
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#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 :

C08W9

Tot Ion: 94 Resp: 18099

Ion Ratio Lower Upper

94 100

65 26.7 23.0 34.6

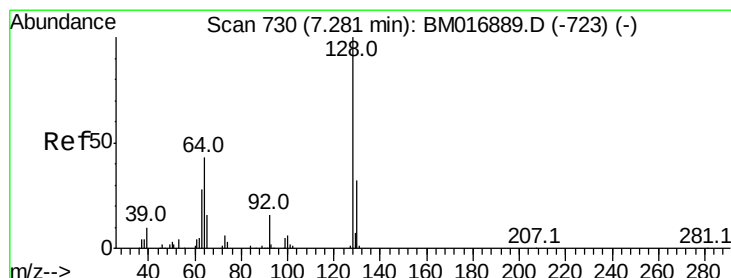
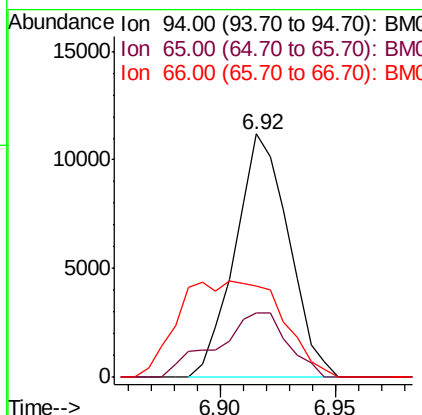
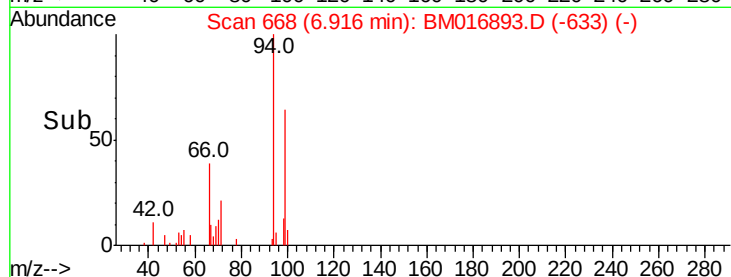
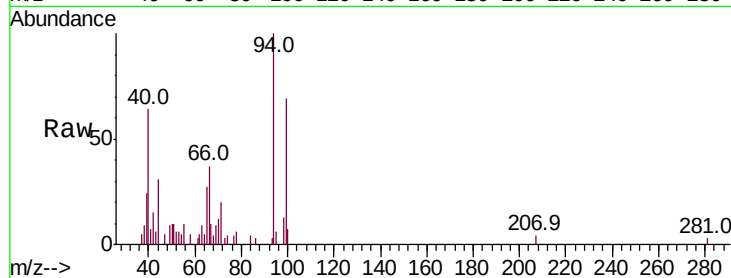
66 37.3 30.4 45.6

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#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

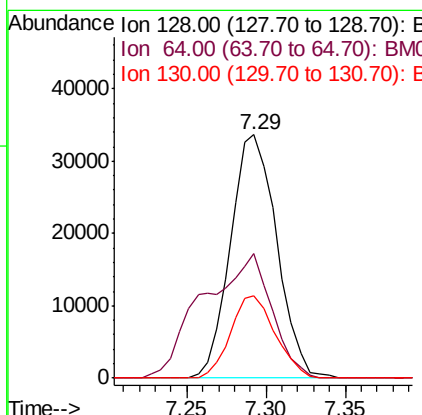
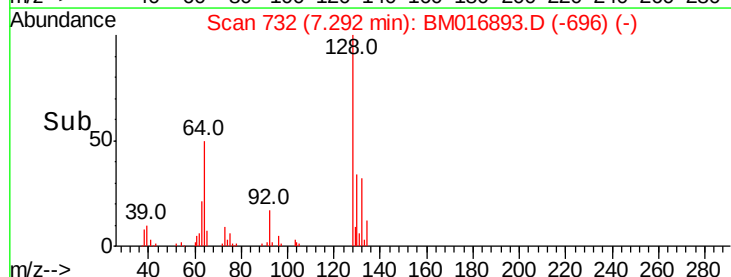
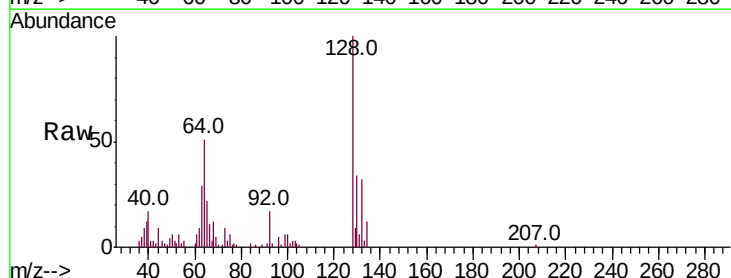
Tgt Ion: 128 Resp: 68103

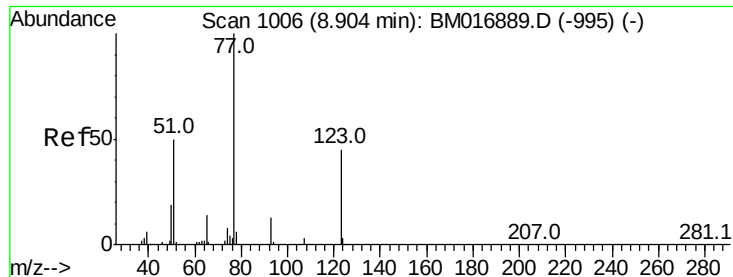
Ion Ratio Lower Upper

128 100

64 51.4 39.8 59.6

130 33.6 25.8 38.8





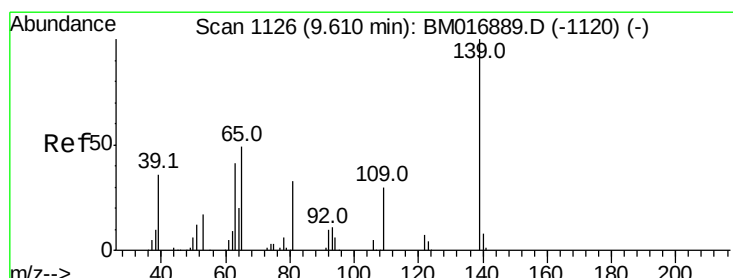
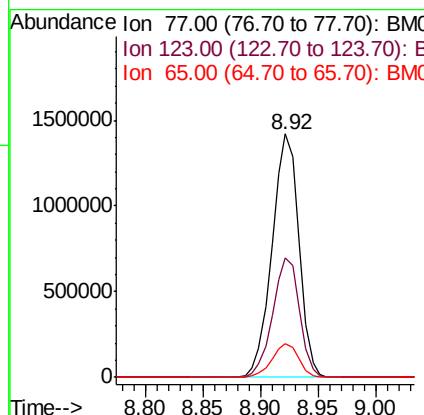
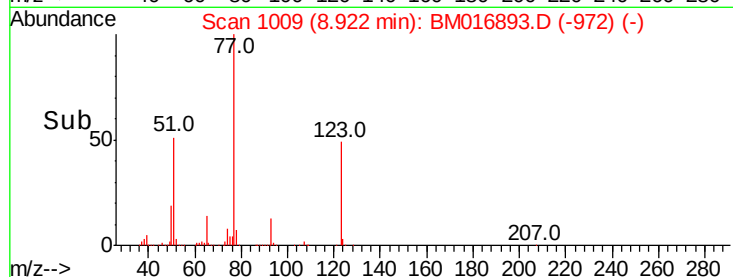
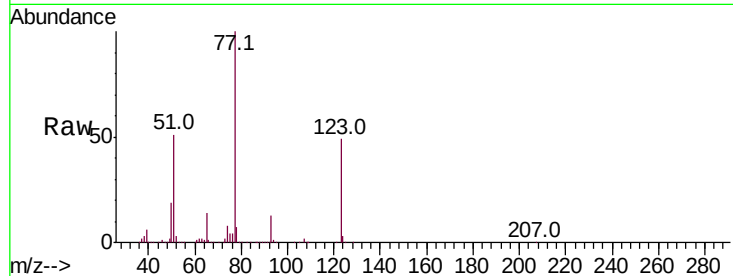
#20
Nitrobenzene
Concen: 136.642 ng/ul
RT: 8.92 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

Instrument :
BNA_M
ClientSampled :
C08W9

Tot Ion	Ratio	Lower	Upper
77	100		
123	49.1	31.8	47.8#
65	14.1	10.6	16.0

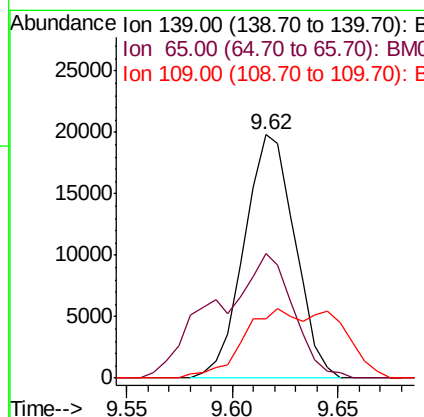
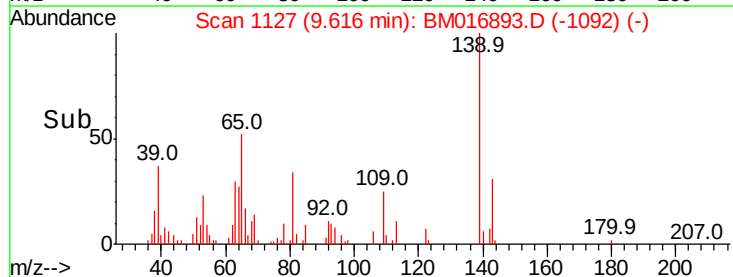
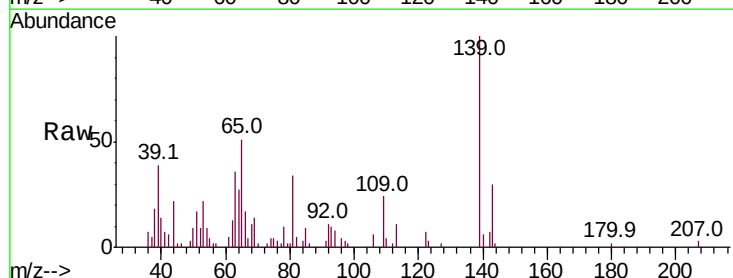
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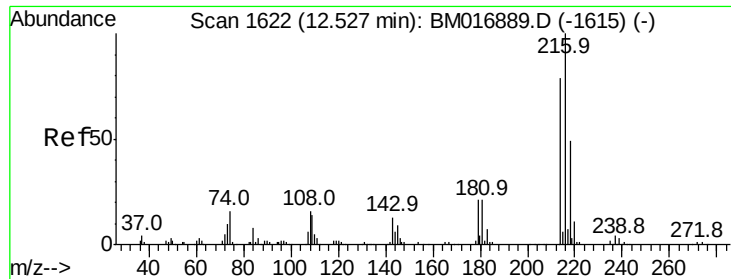
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#23
2-Nitrophenol
Concen: 4.714 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BM016893.D
Acq: 26 Sep 2018 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
65	51.0	45.3	67.9
109	24.5	27.7	41.5#





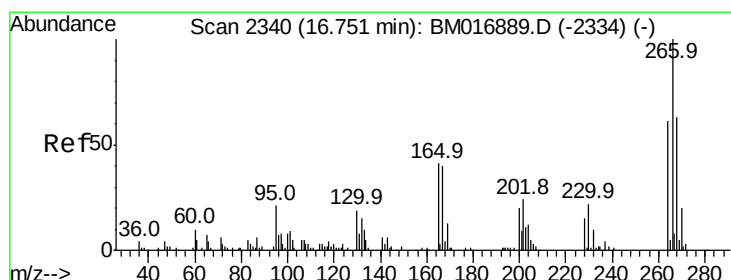
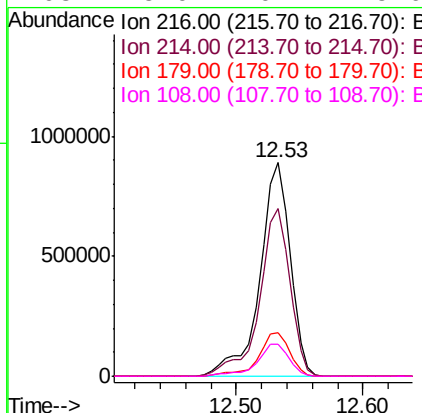
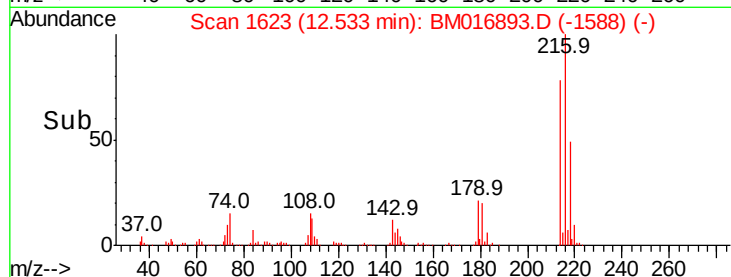
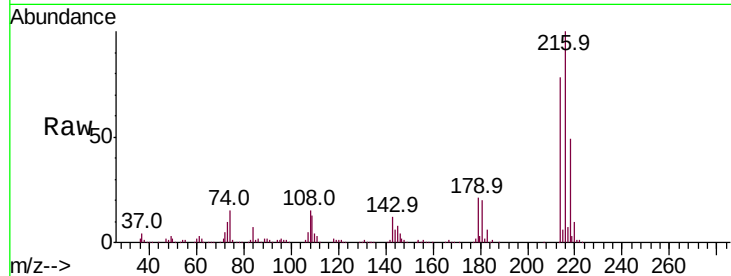
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 82.928 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BM016893.D
 Acq: 26 Sep 2018 11:21

Instrument :
 BNA_M
 ClientSampled :
 C08W9

Tot 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

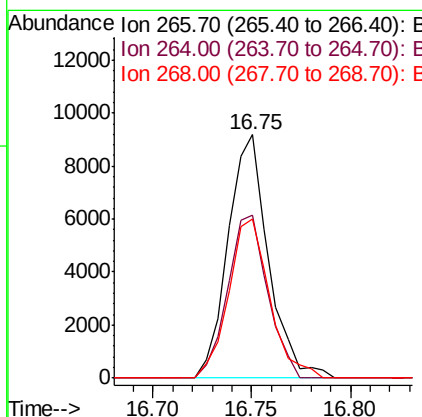
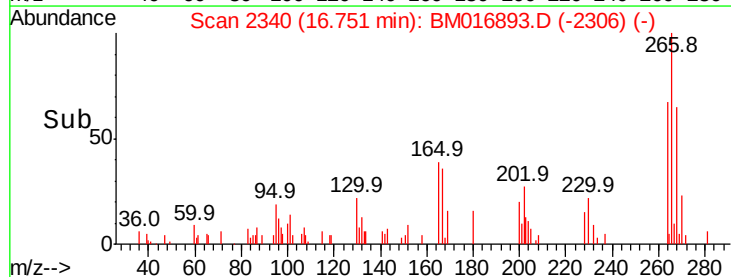
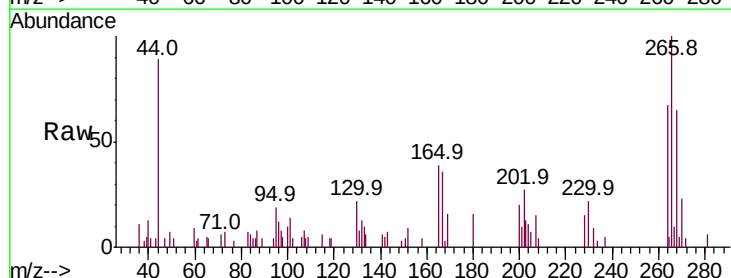
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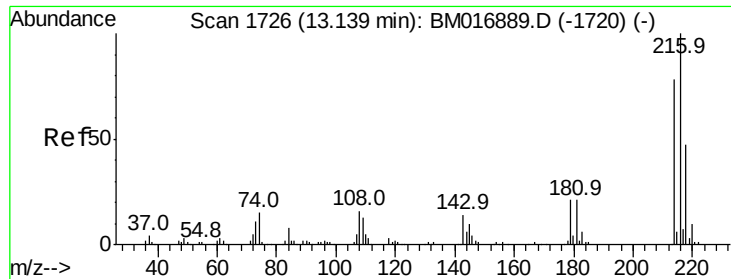
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#69
 Pentachlorophenol
 Concen: 1.741 ng/ul m
 RT: 16.75 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: BM016893.D
 Acq: 26 Sep 2018 11:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.8	48.2	72.4
268	65.1	52.3	78.5





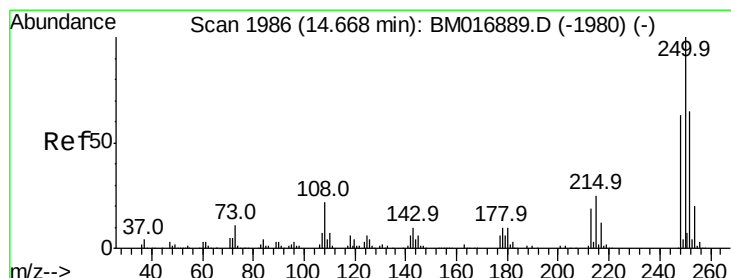
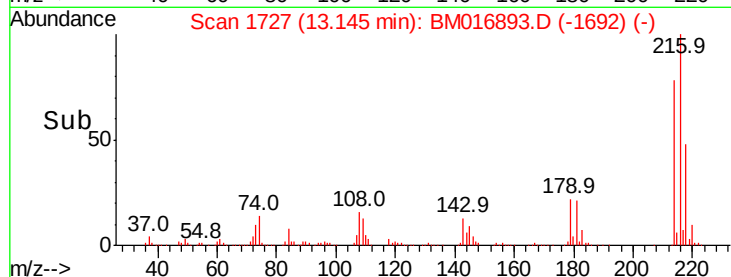
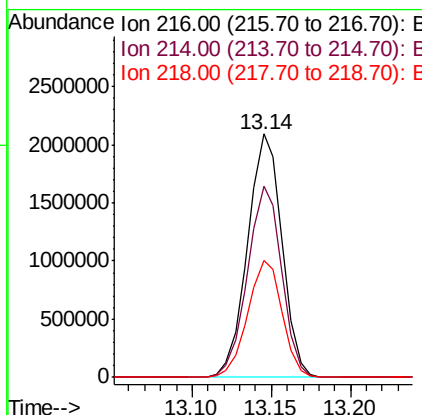
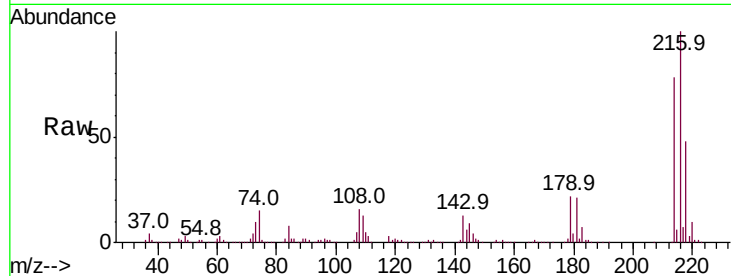
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 166.881 ng/uL
 RT: 13.14 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BM016893.D
 Acq: 26 Sep 2018 11:21

Instrument :
 BNA_M
 ClientSampled :
 C08W9

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.1	96.1
218	48.2	39.4	59.0

Manual Integrations
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#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

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.6	51.4	77.2
252	64.5	49.8	74.6

