

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081018\
 Data File : BN002291.D
 Acq On : 10 Aug 2018 17:48
 Operator : JU/SJ
 Sample : J4406-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0848

Quant Time: Aug 11 01:05:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 11 00:34:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	230389	20.00	ng/ul	0.01
18) Naphthalene-d8	10.46	136	1026056	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	539230	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1004706	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	808349	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	833976	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	36541	7.16	ng/uL	0.00
5) Phenol-d5	6.86	99	140206	6.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	424537	32.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	430841	25.14	ng/ul	0.01
13) 4-Methylphenol-d8	8.39	113	271776	15.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	287253	33.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	307322	31.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	479910	27.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	2195	0.11	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	1593024	34.85	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	2015529	35.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	43774	5.01	ng/ul	0.00
57) Fluorene-d10	15.31	176	1294932	32.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	218035	33.32	ng/ul	0.00
70) Anthracene-d10	17.16	188	1776463	36.26	ng/ul	0.00
78) Pyrene-d10	19.46	212	1652055	39.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1556183	34.56	ng/ul	-0.01

Target Compounds

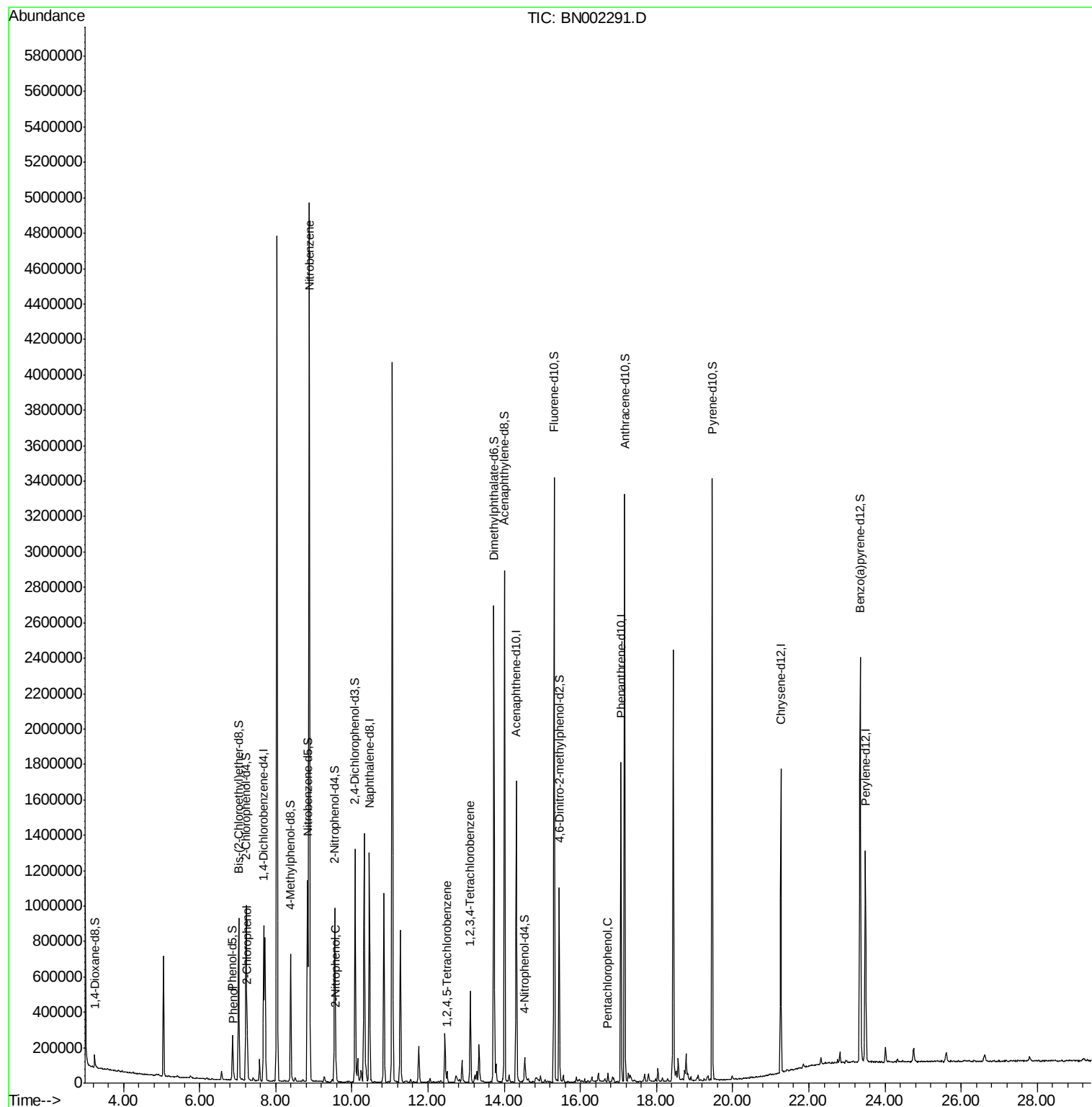
					Qvalue	
6) Phenol	6.89	94	22127	1.016	ng/ul	92
10) 2-Chlorophenol	7.25	128	112546	6.584	ng/ul#	90
20) Nitrobenzene	8.88	77	2719741	139.006	ng/ul	94
23) 2-Nitrophenol	9.58	139	35003	3.556	ng/ul#	90
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	20492	1.172	ng/ul#	92
68) Pentachlorophenol	16.72	266	8402	1.207	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	149821	10.001	ng/uL	97

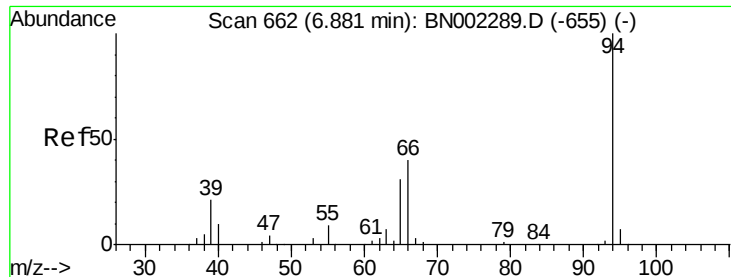
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.016 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BN002291.D

Acq: 10 Aug 2018 17:48

Instrument :

BNA_N

ClientSampleId :

C0848

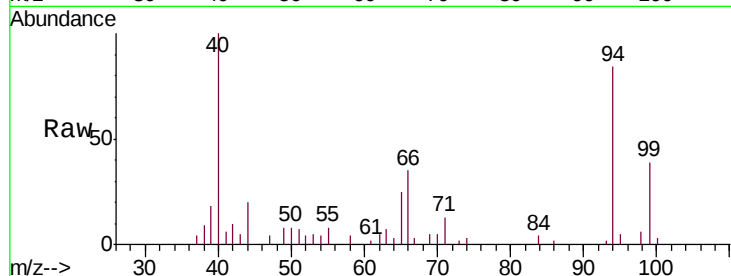
Tgt Ion: 94 Resp: 22127

Ion Ratio Lower Upper

94 100

65 29.5 21.0 31.6

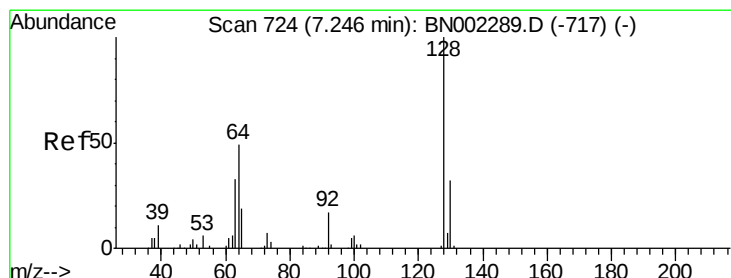
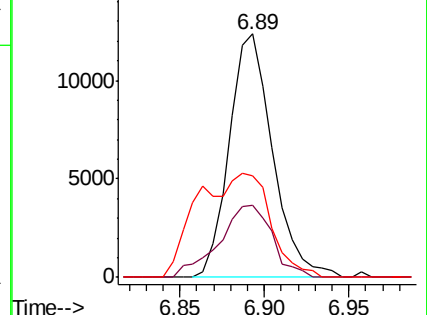
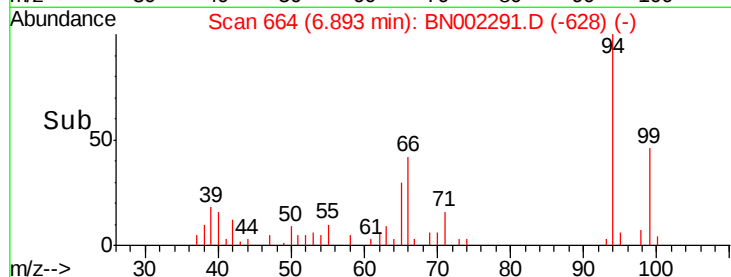
66 41.7 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002289.D (-655) (-)

Ion 65.00 (64.70 to 65.70): BN002289.D (-655) (-)

Ion 66.00 (65.70 to 66.70): BN002289.D (-655) (-)



#10

2-Chlorophenol

Concen: 6.584 ng/ul

RT: 7.25 min Scan# 725

Delta R.T. 0.01 min

Lab File: BN002291.D

Acq: 10 Aug 2018 17:48

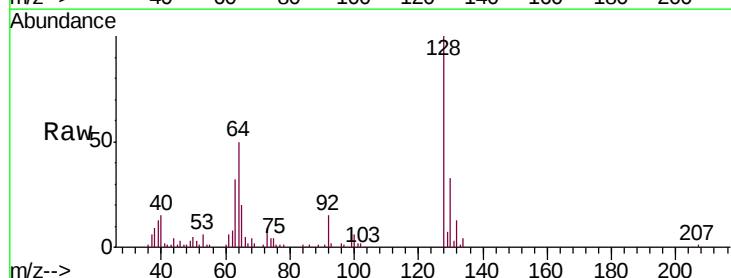
Tgt Ion: 128 Resp: 112546

Ion Ratio Lower Upper

128 100

64 49.9 31.9 47.9#

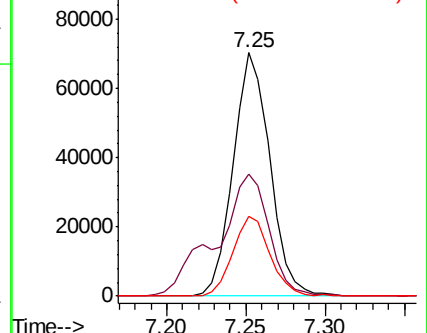
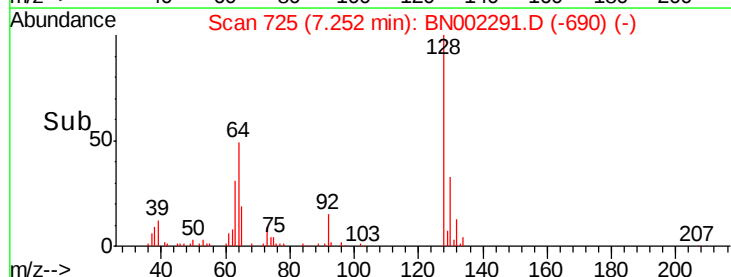
130 32.7 25.6 38.4

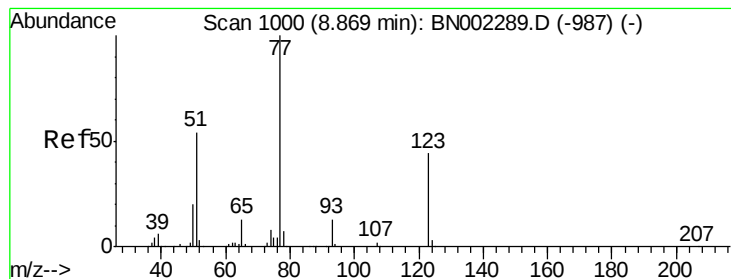


Abundance Ion 128.00 (127.70 to 128.70): BN002289.D (-717) (-)

Ion 64.00 (63.70 to 64.70): BN002289.D (-717) (-)

Ion 130.00 (129.70 to 130.70): BN002289.D (-717) (-)





#20

Nitrobenzene

Concen: 139.006 ng/ul

RT: 8.88 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BN002291.D

Acq: 10 Aug 2018 17:48

Instrument :

BNA_N

ClientSampleId :

C0848

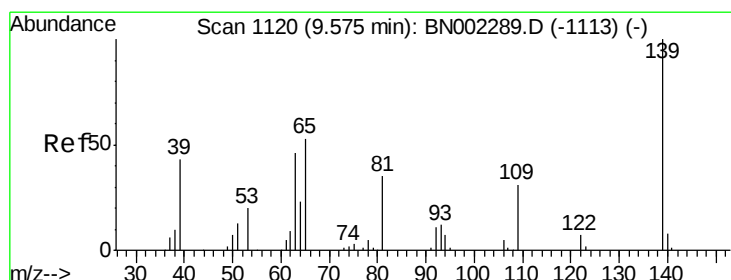
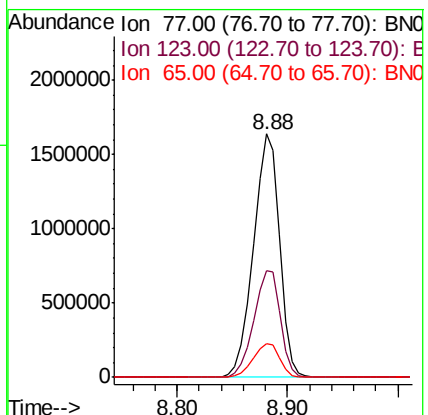
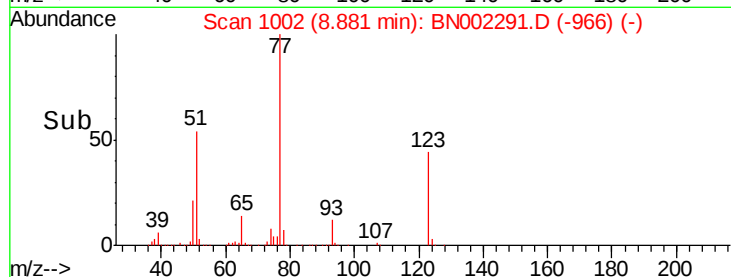
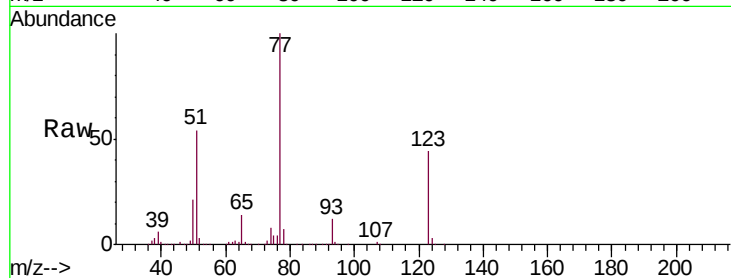
Tgt Ion: 77 Resp: 2719741

Ion Ratio Lower Upper

77 100

123 43.7 39.0 58.4

65 14.1 10.4 15.6



#23

2-Nitrophenol

Concen: 3.556 ng/ul

RT: 9.58 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BN002291.D

Acq: 10 Aug 2018 17:48

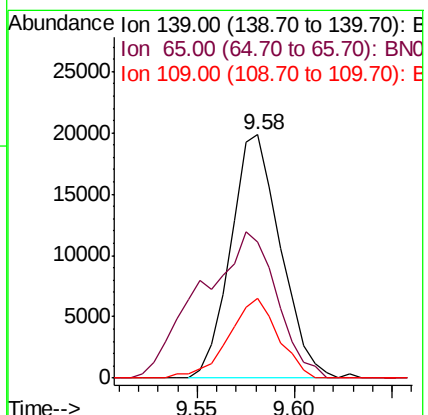
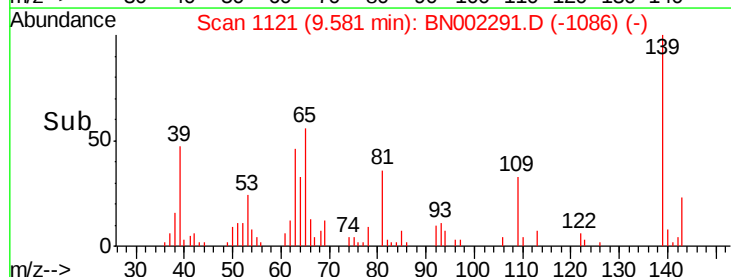
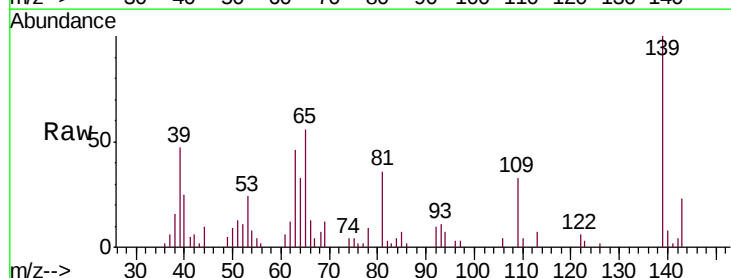
Tgt Ion: 139 Resp: 35003

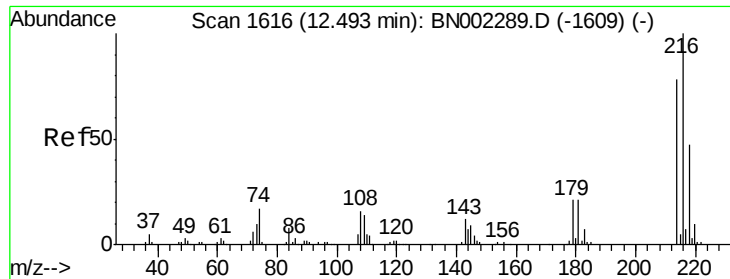
Ion Ratio Lower Upper

139 100

65 56.2 36.3 54.5#

109 32.6 26.4 39.6

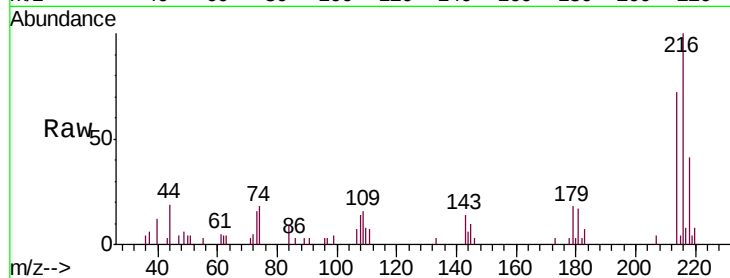




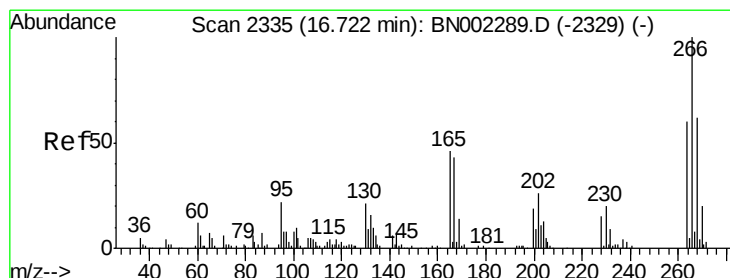
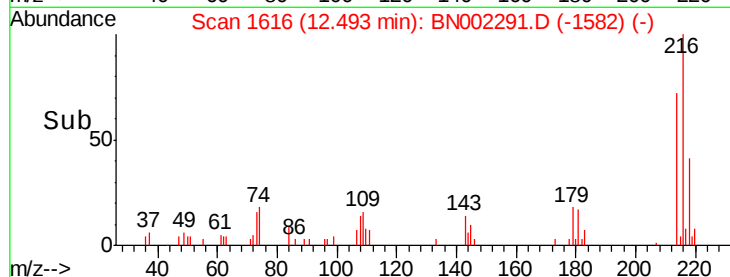
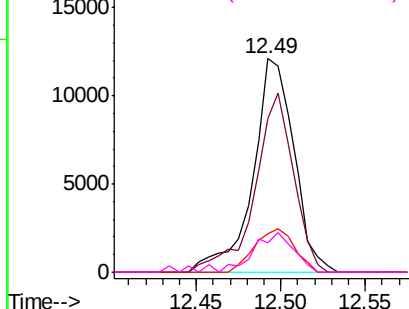
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.172 ng/ul
 RT: 12.49 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BN002291.D
 Acq: 10 Aug 2018 17:48

Instrument :
 BNA_N
 ClientSampleId :
 C0848

Tgt Ion:216 Resp: 20492
 Ion Ratio Lower Upper
 216 100
 214 71.8 62.5 93.7
 179 18.3 18.2 27.2
 108 13.5 14.2 21.2#

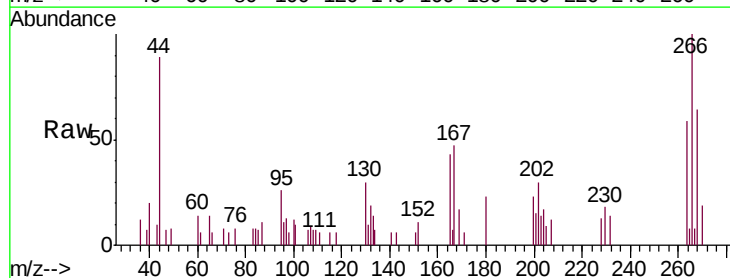


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

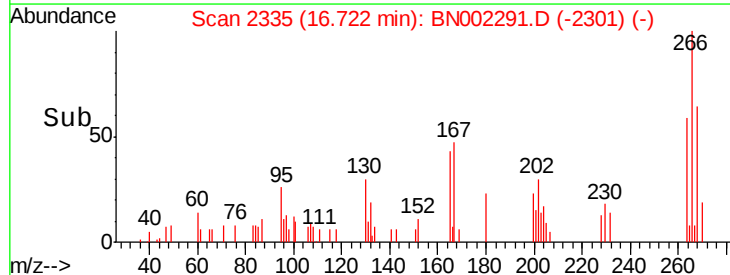
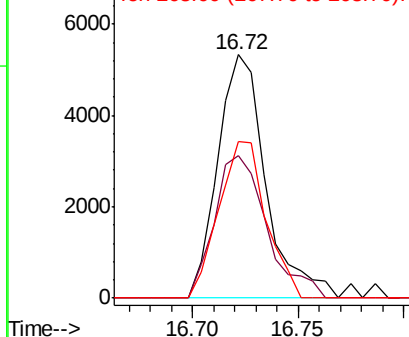


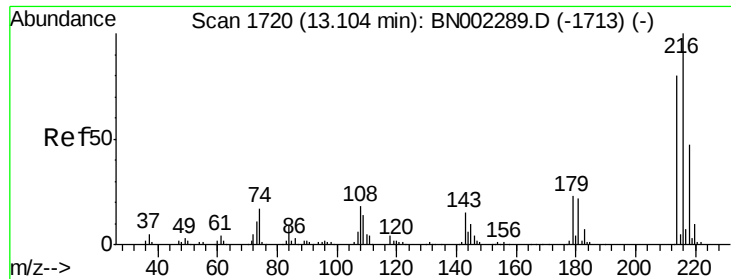
#68
 Pentachlorophenol
 Concen: 1.207 ng/ul
 RT: 16.72 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BN002291.D
 Acq: 10 Aug 2018 17:48

Tgt Ion:266 Resp: 8402
 Ion Ratio Lower Upper
 266 100
 264 58.6 50.5 75.7
 268 64.2 50.9 76.3



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





#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 10.001 ng/uL
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN002291.D
 Acq: 10 Aug 2018 17:48

Instrument :
 BNA_N
 ClientSampleId :
 C0848

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	62.5	93.7
218	45.2	38.4	57.6

