

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 :

Quant Time: Aug 11 00:35:04 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

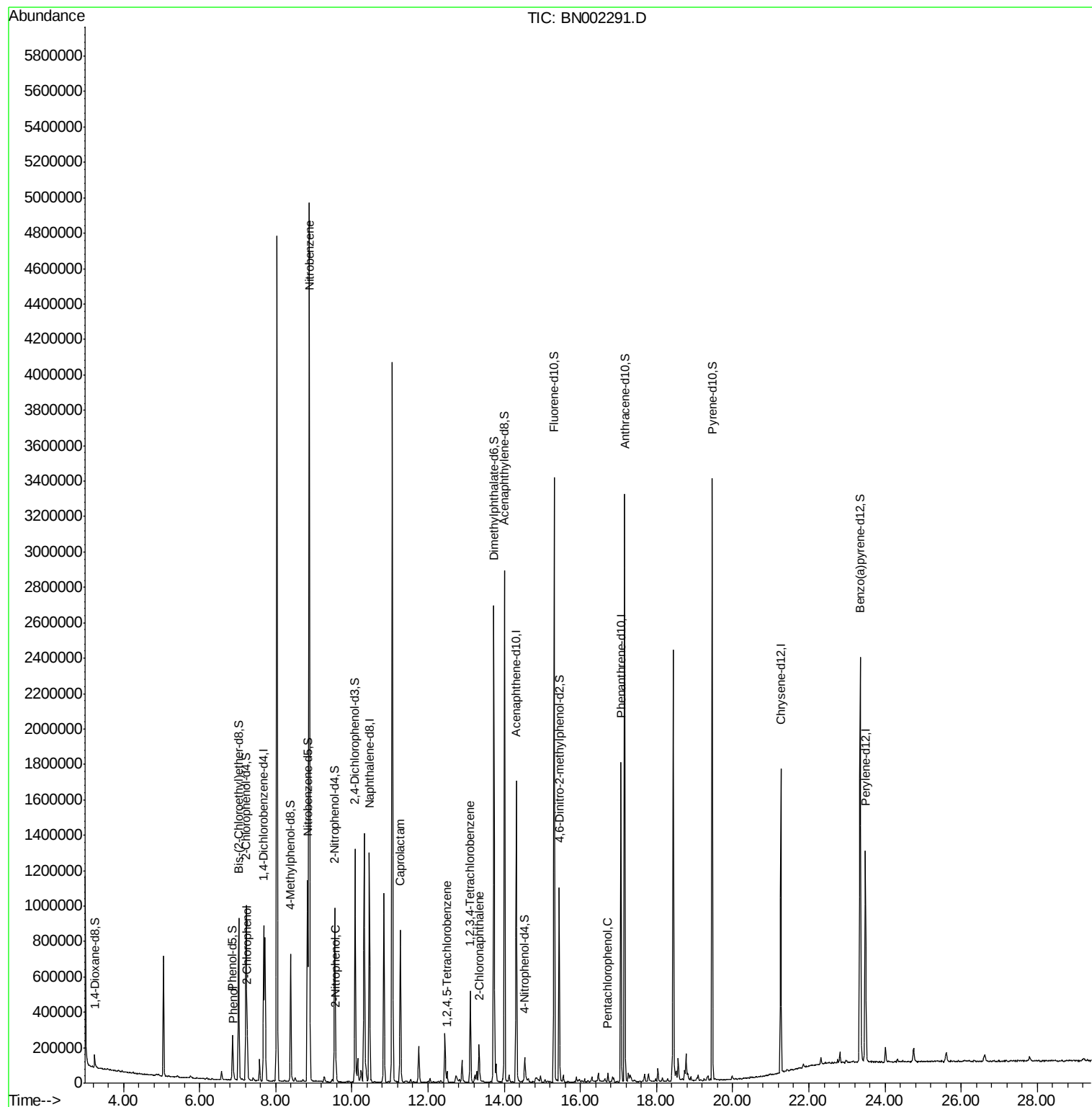
					Ovalue
6) Phenol	6.89	94	22127	1.016 ng/ul	92
10) 2-Chlorophenol	7.25	128	112546	6.584 ng/ul#	90
20) Nitrobenzene	8.88	77	2719741	139.006 ng/ul	94
23) 2-Nitrophenol	9.58	139	35003	3.556 ng/ul#	90
32) Caprolactam	11.27	113	63198	10.180 ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	20492	1.172 ng/ul#	92
41) 2-Chloronaphthalene	13.34	162	64977	1.862 ng/ul#	40
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

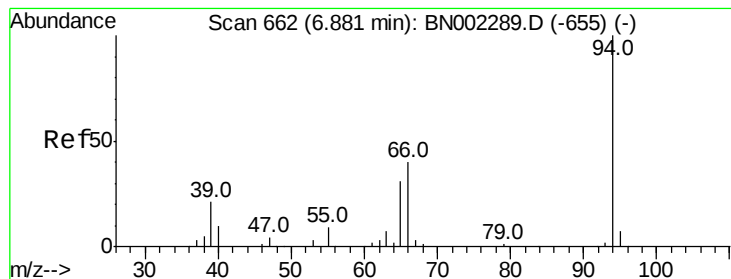
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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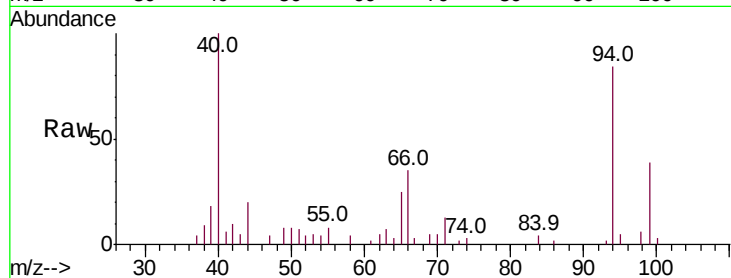
#6

Phenol

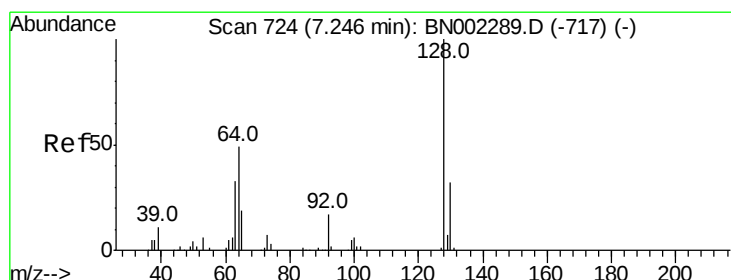
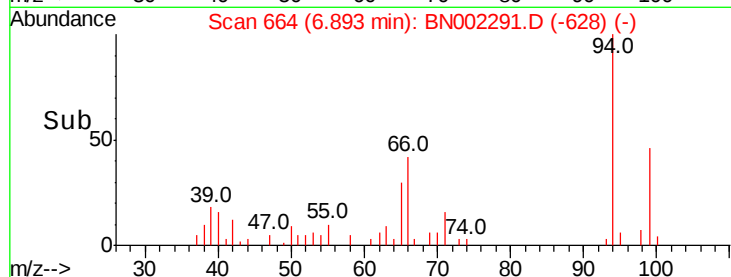
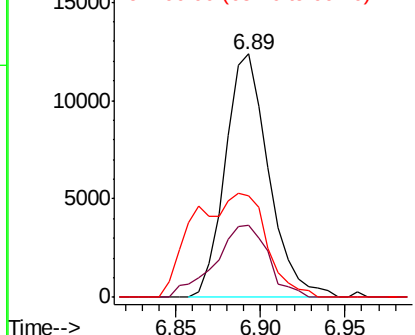
Concen: 1.016 ng/ul
 RT: 6.89 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BN002291.D
 Acq: 10 Aug 2018 17:48

Instrument :
 BNA_N
 ClientSampleId :

Tot 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): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

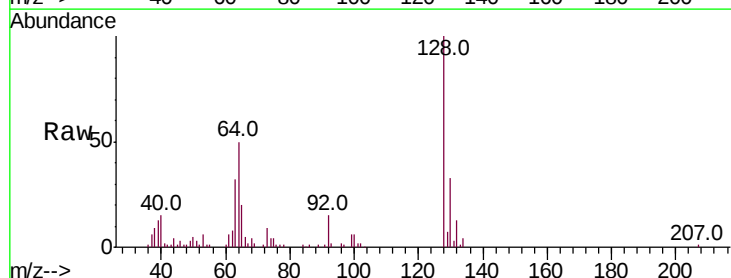


#10

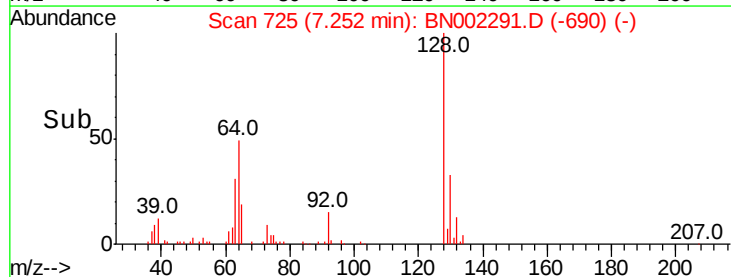
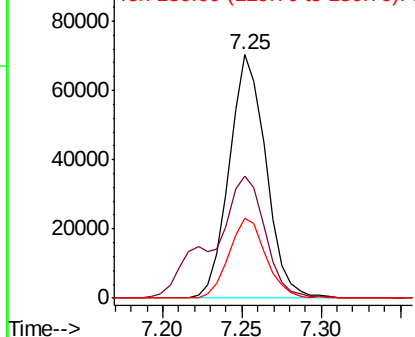
2-Chlorophenol

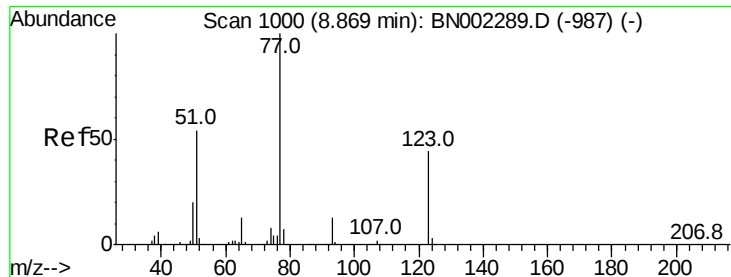
Concen: 6.584 ng/ul
 RT: 7.25 min Scan# 725
 Delta R.T. 0.01 min
 Lab File: BN002291.D
 Acq: 10 Aug 2018 17:48

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): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 130.00 (129.70 to 130.70): E

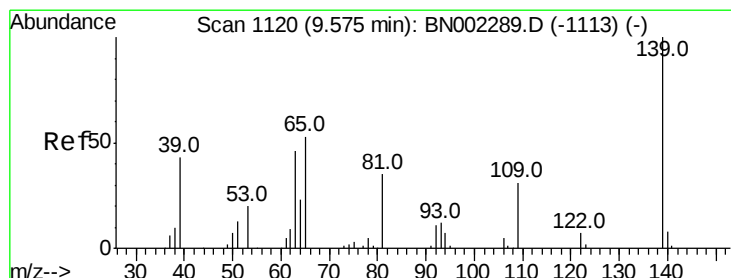
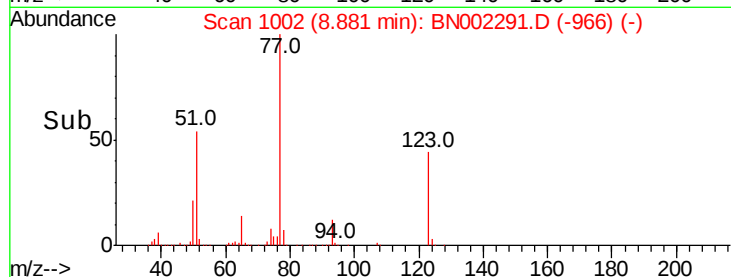
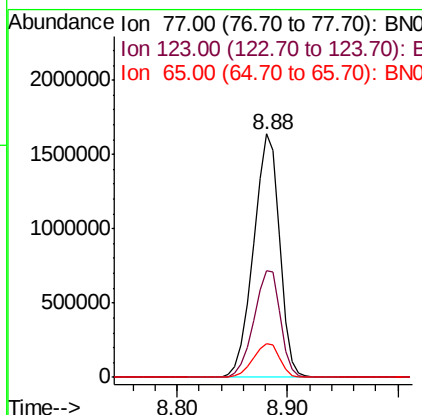
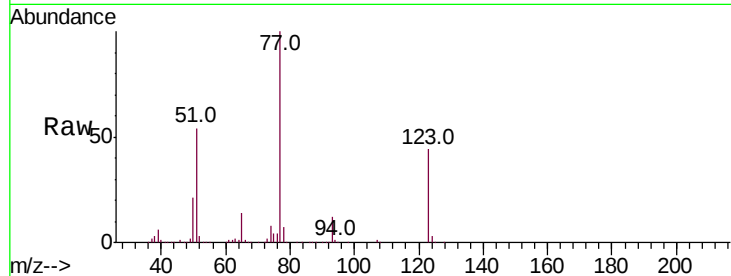




#20
Nitrobenzene
Concen: 139.006 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BN002291.D
Acq: 10 Aug 2018 17:48

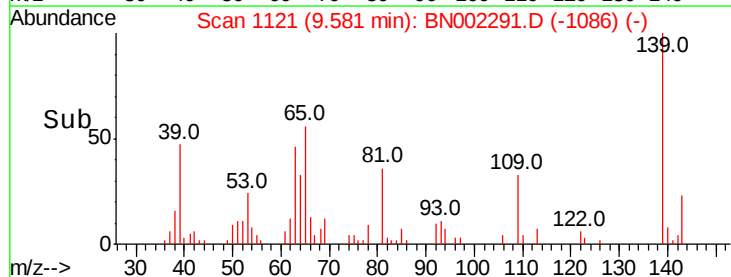
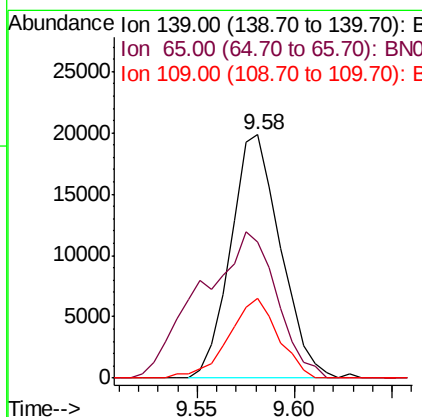
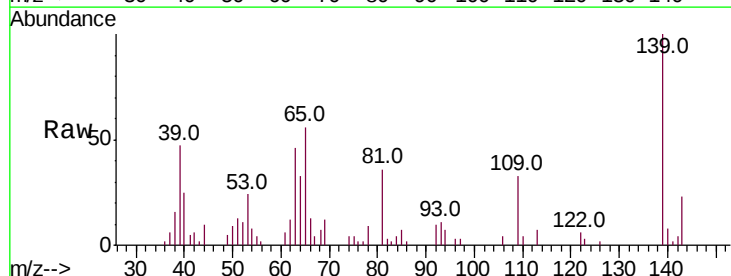
Instrument :
BNA_N
ClientSampleId :

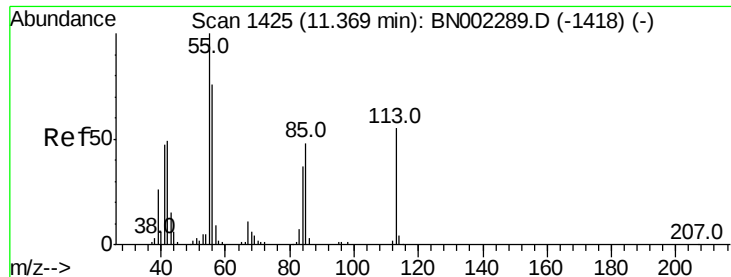
Tot Ion: 77 Resp: 2719741
Ion Ratio Lower Upper
77 100
123 43.7 39.0 58.4
65 14.1 10.4 15.6



#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





#32

Caprolactam

Concen: 10.180 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. -0.10 min

Lab File: BN002291.D

Acq: 10 Aug 2018 17:48

Instrument :

BNA_N

ClientSampleId :

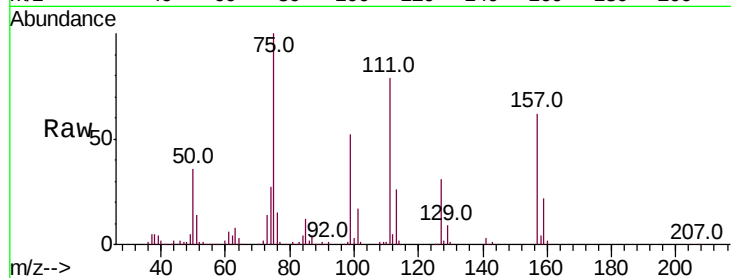
Tot Ion:113 Resp: 63198

Ion Ratio Lower Upper

113 100

55 1.4 101.9 152.9#

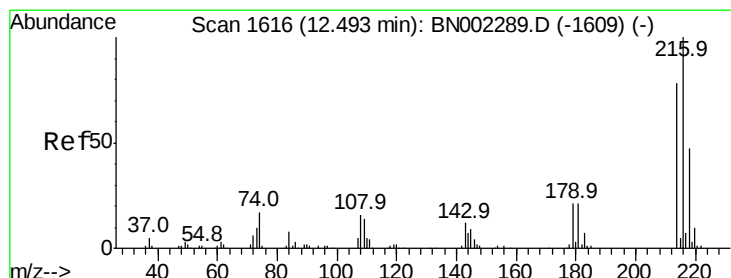
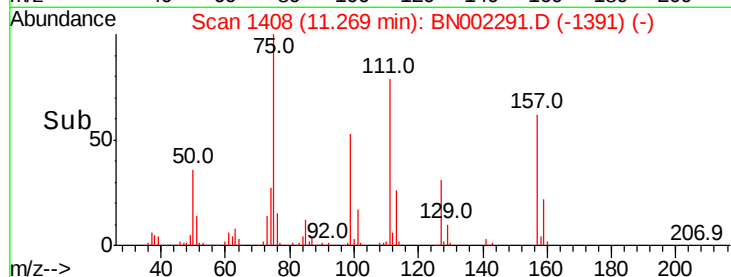
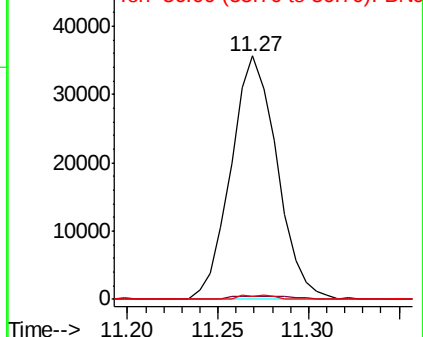
56 1.4 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#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

Tgt Ion:216 Resp: 20492

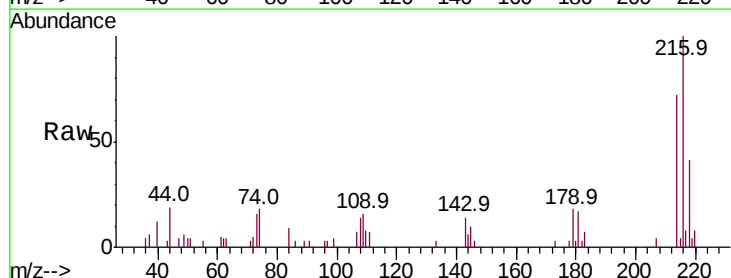
Ion Ratio Lower Upper

216 100

214 71.8 62.5 93.7

179 18.3 18.2 27.2

108 13.5 14.2 21.2#

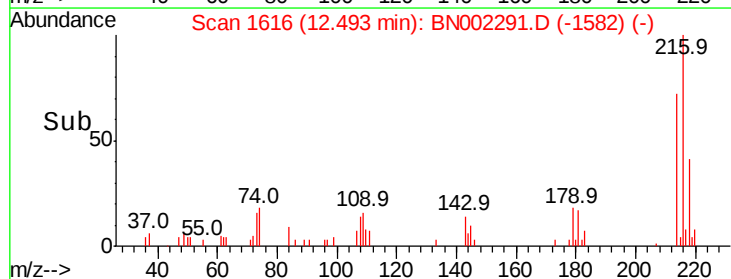
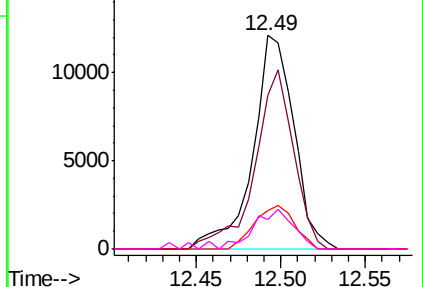


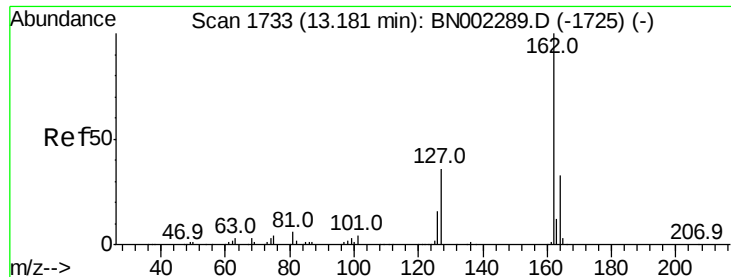
Abundance Ion 216.00 (215.70 to 216.70): E

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

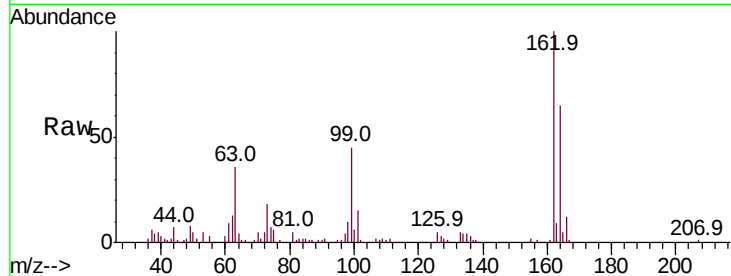




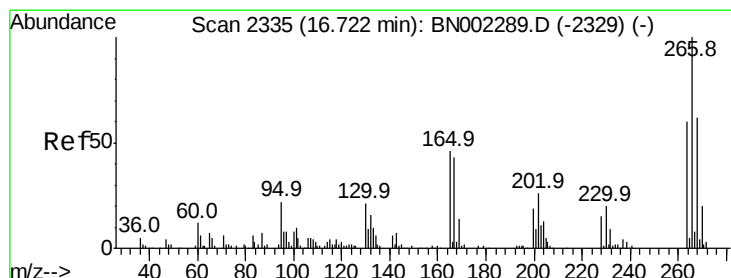
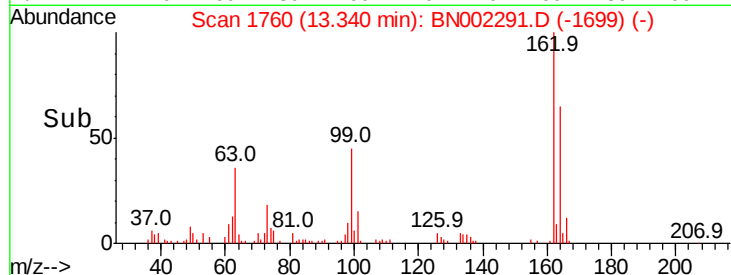
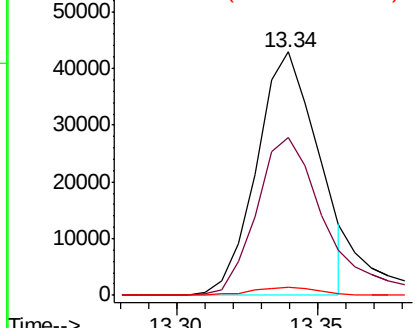
#41
 2-Chloronaphthalene
 Concen: 1.862 ng/ul
 RT: 13.34 min Scan# 1760
 Delta R.T. 0.16 min
 Lab File: BN002291.D
 Acq: 10 Aug 2018 17:48

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	25.9	38.9#
127	3.3	34.1	51.1#

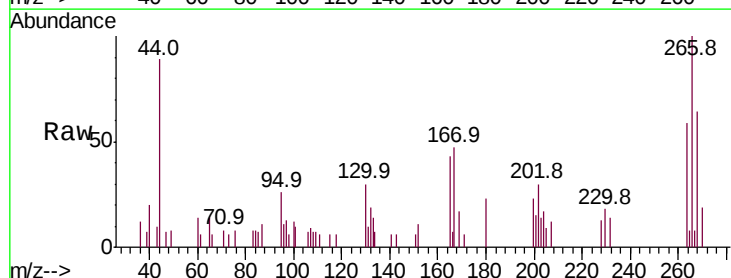


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

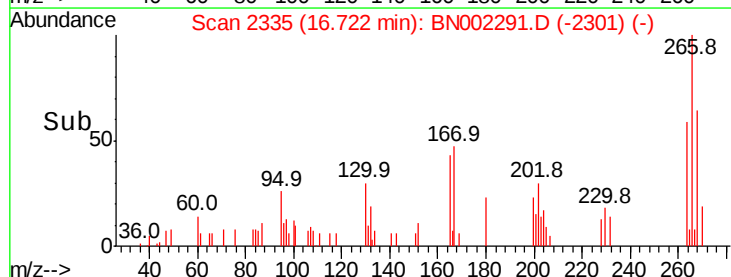
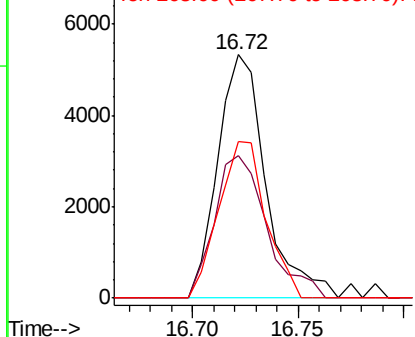


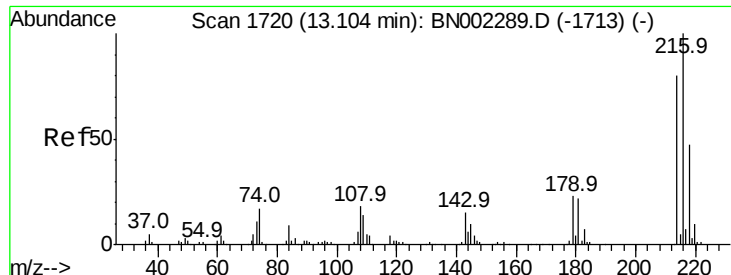
#68
 Pentachlorophenol
 Concen: 1.207 ng/ul
 RT: 16.72 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BN002291.D
 Acq: 10 Aug 2018 17:48

Tgt Ion	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 :

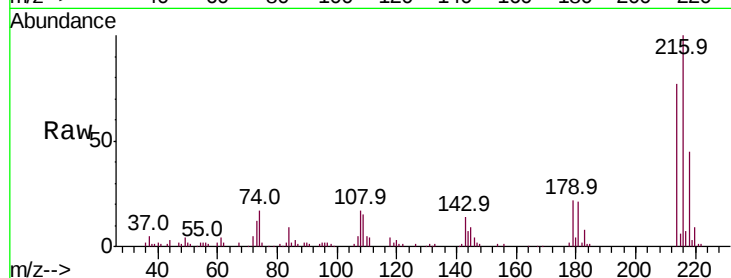
Tot Ion:216 Resp: 149821

Ion Ratio Lower Upper

216 100

214 76.6 62.5 93.7

218 45.2 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

