

Data File : BN002840.D
Acq On : 24 Sep 2018 23:03
Operator : JU/SJ
Sample : J5036-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C08W4

Quant Time: Sep 25 05:44:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 05:43:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	137168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	584941	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	327579	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	673618	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	620373	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	599200	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18579	6.25	ng/uL	0.00
5) Phenol-d5	6.83	99	97894	8.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	272309	37.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	293637	30.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	181241	20.09	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	179978	39.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	206956	40.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	331625	35.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	428	0.04	ng/ul	0.02
43) Dimethylphthalate-d6	13.69	166	1080277	42.13	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1358437	40.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	27456	6.48	ng/ul	0.02
57) Fluorene-d10	15.27	176	923108	41.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	160956	38.20	ng/ul	0.00
70) Anthracene-d10	17.13	188	1332069	41.42	ng/ul	0.00
78) Pyrene-d10	19.43	212	1353481	41.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1310251	41.54	ng/ul	0.00

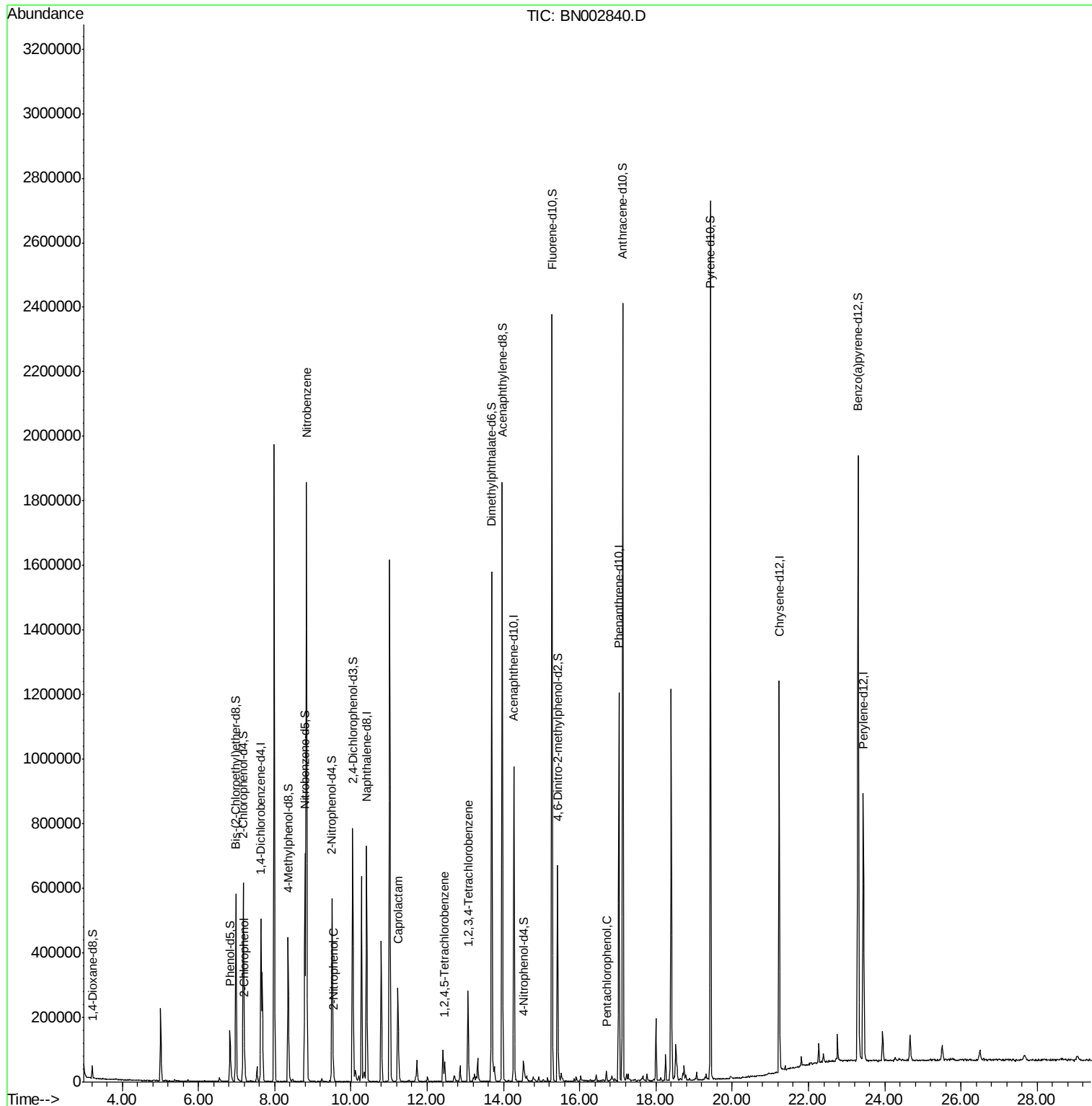
Target Compounds					Qvalue
10) 2-Chlorophenol	7.21	128	38408	4.037 ng/ul	96
20) Nitrobenzene	8.84	77	1058054	100.462 ng/ul	96
23) 2-Nitrophenol	9.54	139	15763	2.969 ng/ul	93
32) Caprolactam	11.23	113	25318	9.175 ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	22014	2.023 ng/ul	90
68) Pentachlorophenol	16.70	266	7422	1.975 ng/ul	89
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	85306	7.413 ng/uL	99

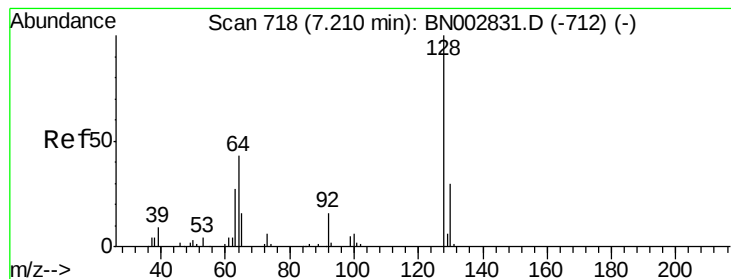
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 4.037 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampled :

C08W4

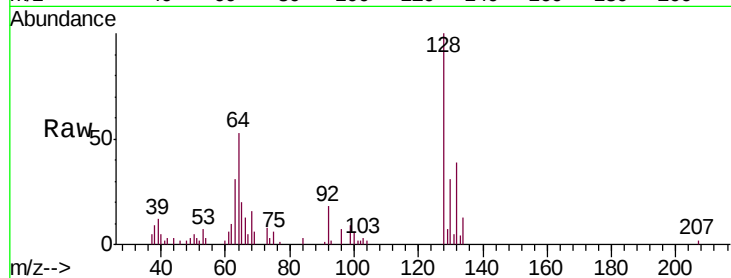
Tgt Ion:128 Resp: 38408

Ion Ratio Lower Upper

128 100

64 53.1 40.4 60.6

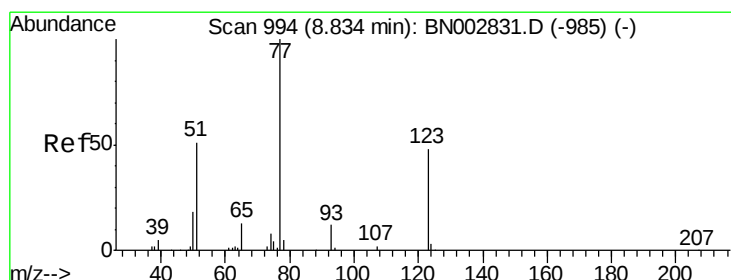
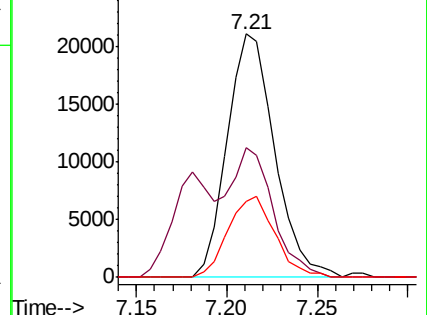
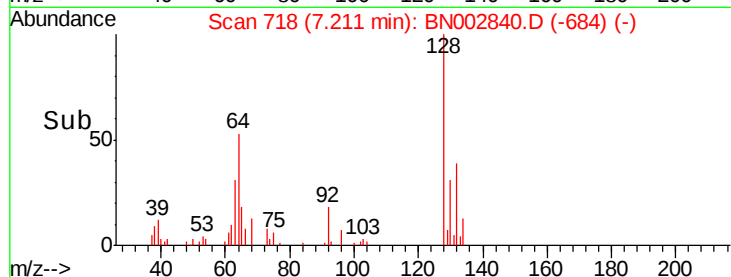
130 31.2 26.8 40.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 100.462 ng/ul

RT: 8.84 min Scan# 995

Delta R.T. 0.01 min

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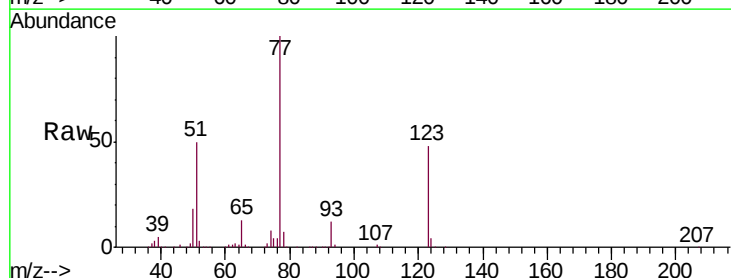
Tgt Ion: 77 Resp: 1058054

Ion Ratio Lower Upper

77 100

123 48.1 35.8 53.8

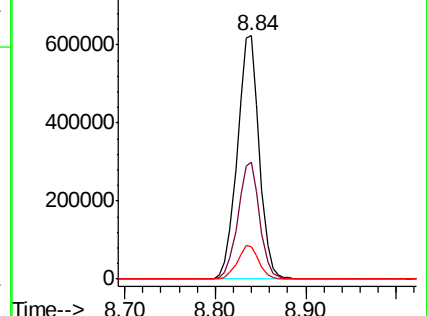
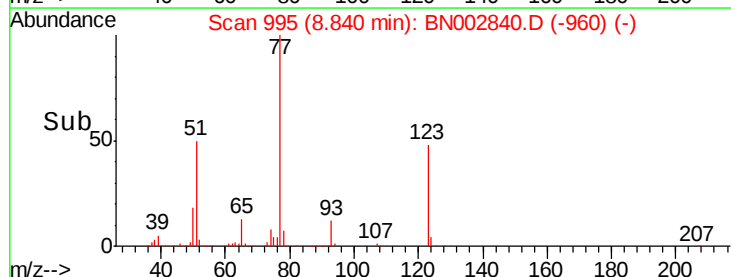
65 13.1 11.1 16.7

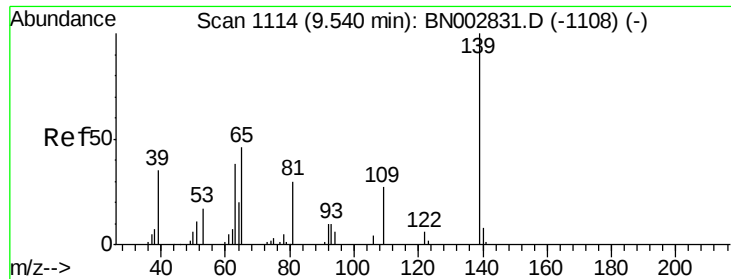


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

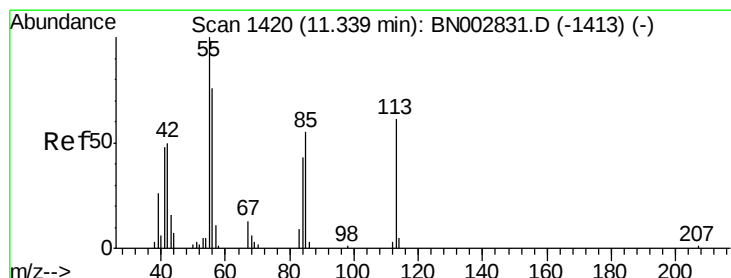
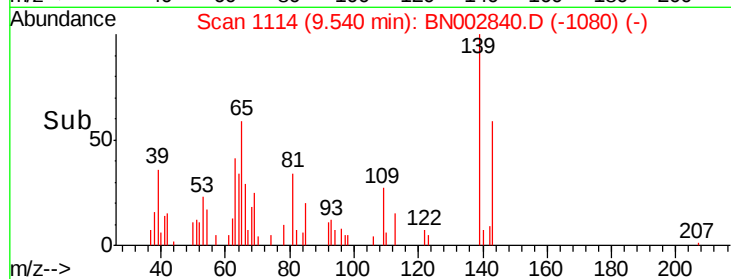
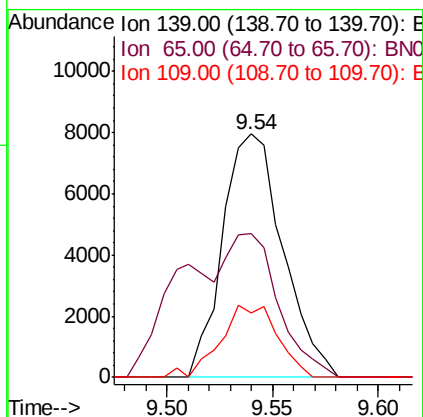
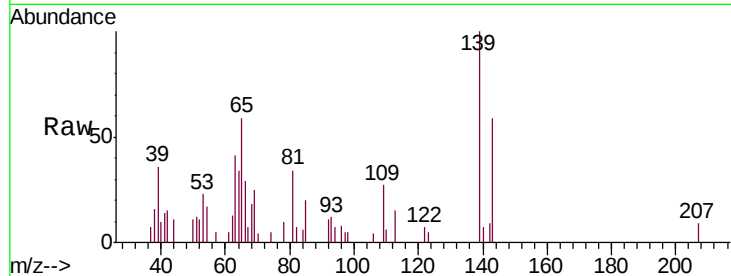




#23
 2-Nitrophenol
 Concen: 2.969 ng/ul
 RT: 9.54 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BN002840.D
 Acq: 24 Sep 2018 23:03

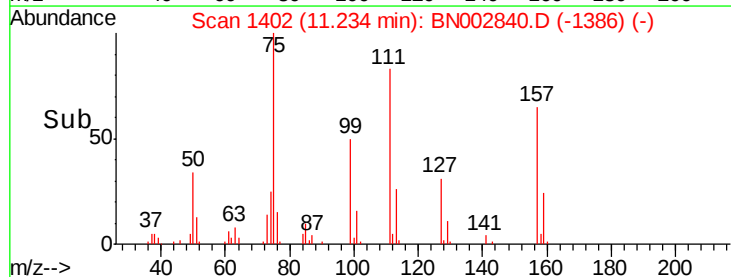
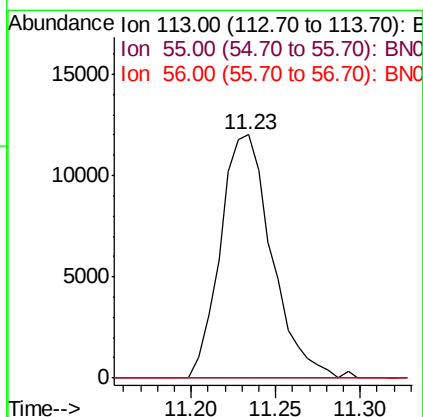
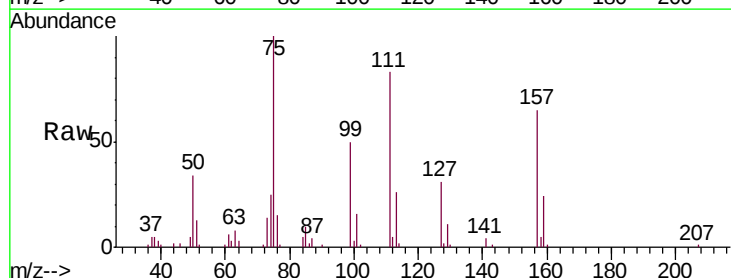
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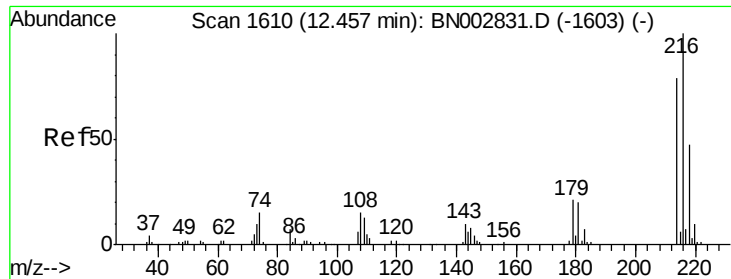
Tgt Ion:139 Resp: 15763
 Ion Ratio Lower Upper
 139 100
 65 59.1 42.0 63.0
 109 26.7 22.0 33.0



#32
 Caprolactam
 Concen: 9.175 ng/ul
 RT: 11.23 min Scan# 1402
 Delta R.T. -0.11 min
 Lab File: BN002840.D
 Acq: 24 Sep 2018 23:03

Tgt Ion:113 Resp: 25318
 Ion Ratio Lower Upper
 113 100
 55 0.0 137.0 205.4#
 56 0.0 102.4 153.6#

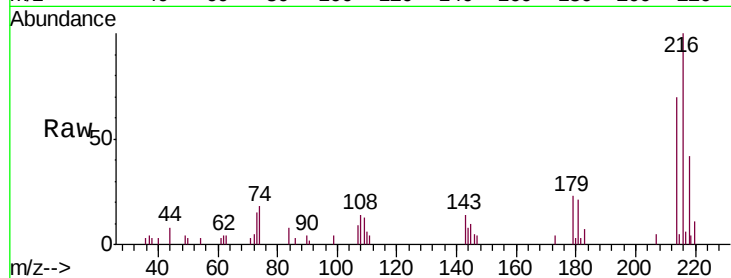




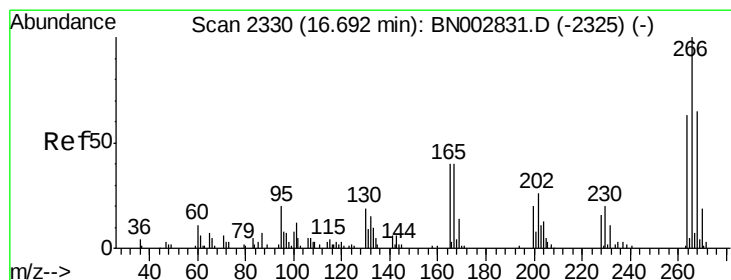
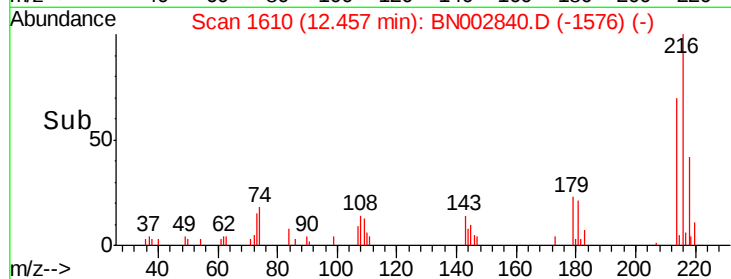
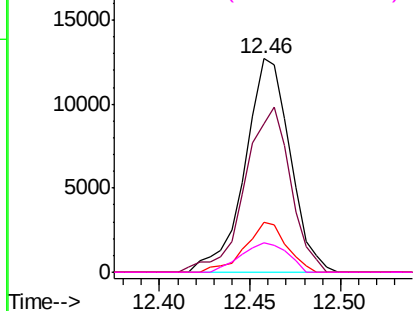
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.023 ng/ul
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BN002840.D
 Acq: 24 Sep 2018 23:03

Instrument :
 BNA_N
 ClientSampleId :
 C08W4

Tgt Ion:	216	Resp:	22014
Ion	Ratio	Lower	Upper
216	100		
214	69.5	63.5	95.3
179	23.3	16.5	24.7
108	14.1	13.4	20.2

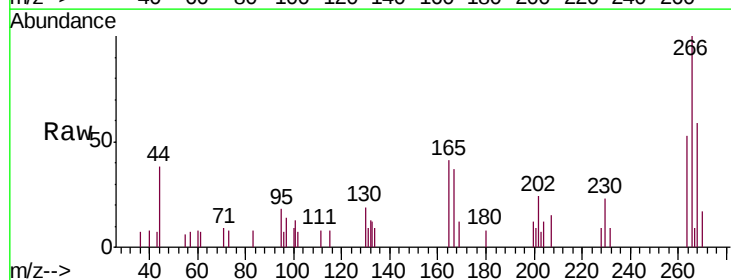


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

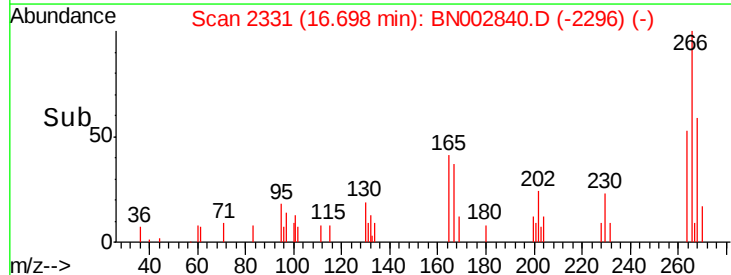
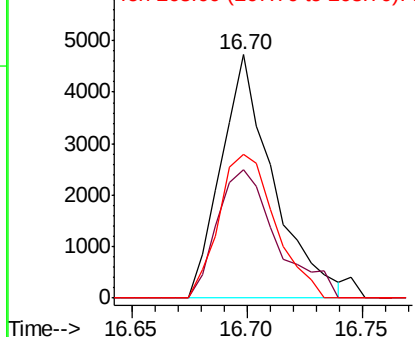


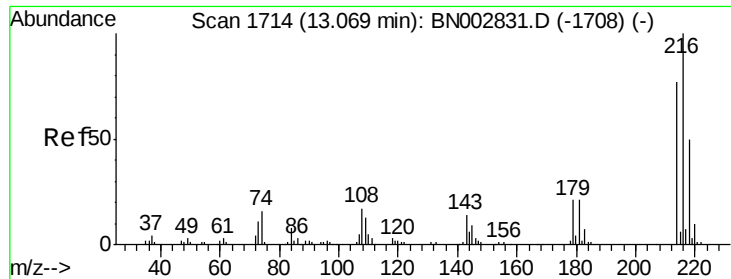
#68
 Pentachlorophenol
 Concen: 1.975 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.01 min
 Lab File: BN002840.D
 Acq: 24 Sep 2018 23:03

Tgt Ion:	266	Resp:	7422
Ion	Ratio	Lower	Upper
266	100		
264	52.6	49.9	74.9
268	59.0	52.6	79.0



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

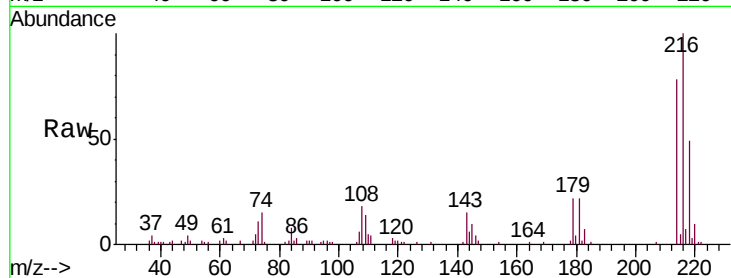




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 7.413 ng/uL
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BN002840.D
 Acq: 24 Sep 2018 23:03

Instrument :
 BNA_N
 ClientSampleId :
 C08W4

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.9	94.3
218	48.9	37.8	56.6



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

