

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
 Data File : BN002039.D
 Acq On : 13 Jul 2018 18:06
 Operator : JU/SJ
 Sample : J3847-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 14 01:01:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 14 00:59:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	282736	20.00	ng/ul	0.04
18) Naphthalene-d8	10.50	136	1944761	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.34	164	1148478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2692395	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2978520	20.00	ng/ul	-0.01
85) Perylene-d12	23.53	264	2897130	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	62162	9.92	ng/uL	0.00
5) Phenol-d5	6.89	99	293463	11.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	909676	56.08	ng/ul	0.04
9) 2-Chlorophenol-d4	7.26	132	934814	44.45	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	546195	25.47	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	598431	37.14	ng/ul	0.02
22) 2-Nitrophenol-d4	9.58	143	678444	37.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	1052082	31.90	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	2297	0.06	ng/ul	0.02
43) Dimethylphthalate-d6	13.75	166	3698734	37.99	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4400472	36.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	147135	7.91	ng/ul	0.00
57) Fluorene-d10	15.33	176	3175689	37.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	650218	37.08	ng/ul	0.00
70) Anthracene-d10	17.19	188	5053263	38.49	ng/ul	0.00
78) Pyrene-d10	19.49	212	5730373	37.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	6067808	38.79	ng/ul	-0.02

Target Compounds

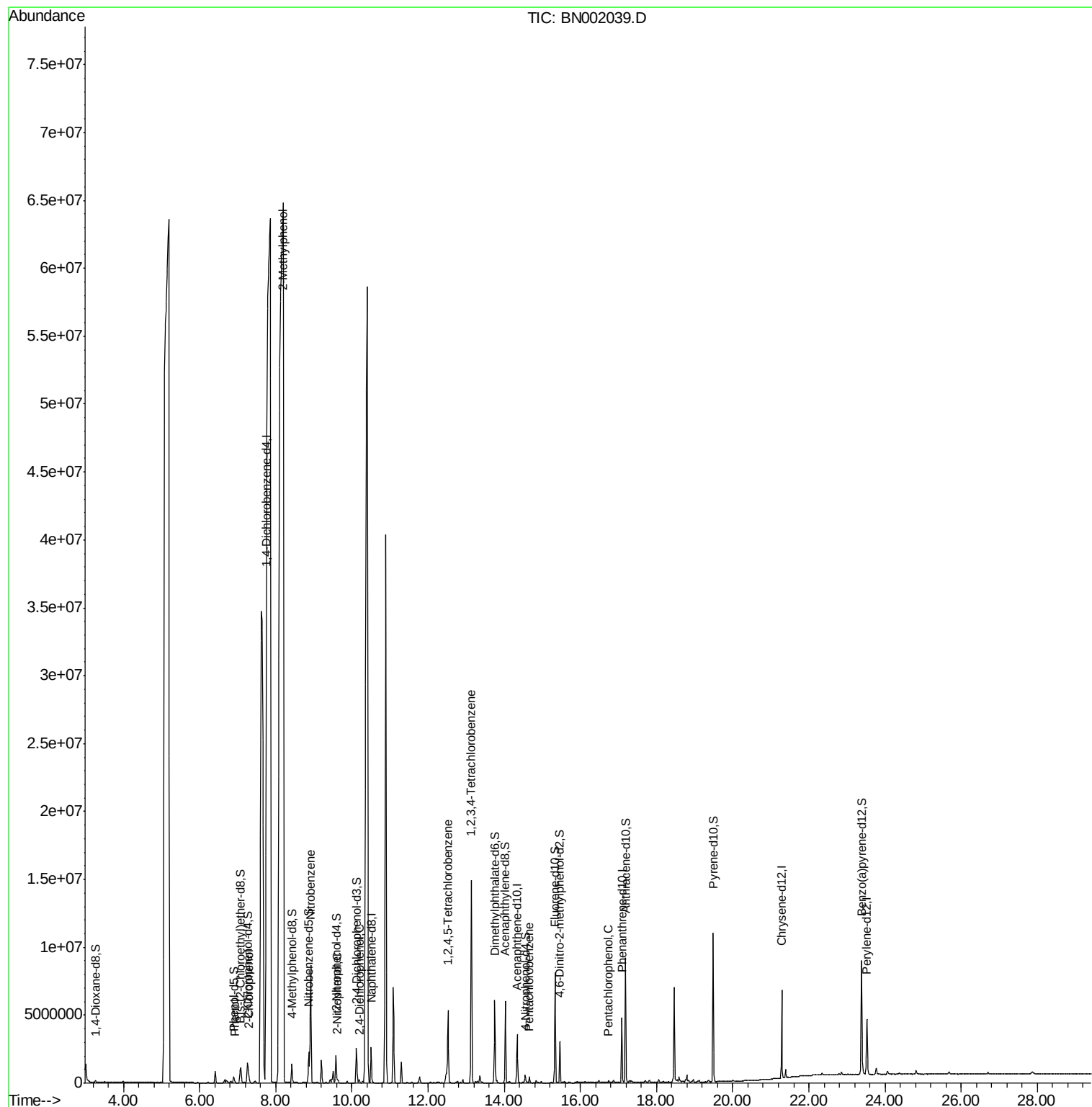
					Ovalue
6) Phenol	6.92	94	39833	1.490	ng/ul 99
10) 2-Chlorophenol	7.29	128	235909	11.246	ng/ul# 88
11) 2-Methylphenol	8.20	108	1059016	51.497	ng/ul 94
20) Nitrobenzene	8.92	77	4793555	129.262	ng/ul 97
23) 2-Nitrophenol	9.61	139	65196	3.494	ng/ul# 88
27) 2,4-Dichlorophenol	10.19	162	105478	3.332	ng/ul# 92
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1863173	50.031	ng/ul 99
68) Pentachlorophenol	16.74	266	26589	1.426	ng/ul 94
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	4799260	119.545	ng/uL 99
73) Pentachlorobenzene	14.66	250	121125	3.225	ng/uL 100

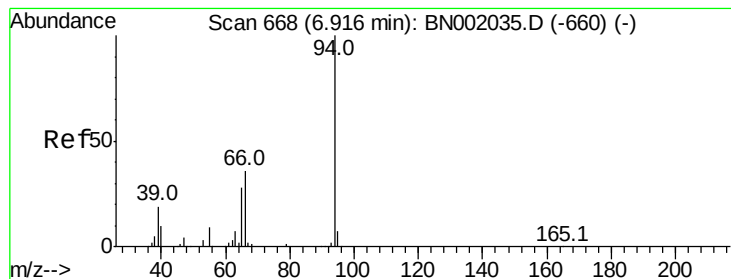
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.490 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.01 min

Lab File: BN002039.D

Acq: 13 Jul 2018 18:06

Instrument :

BNA_N

ClientSampled :

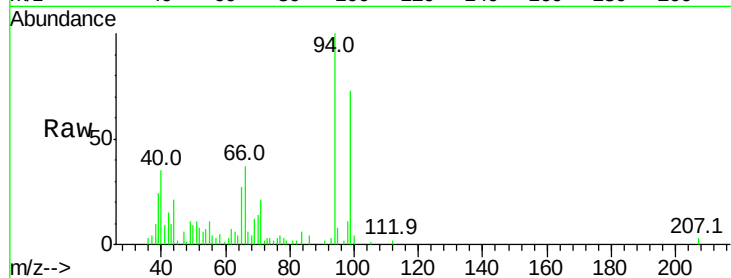
Tot Ion: 94 Resp: 39833

Ion Ratio Lower Upper

94 100

65 26.6 21.0 31.6

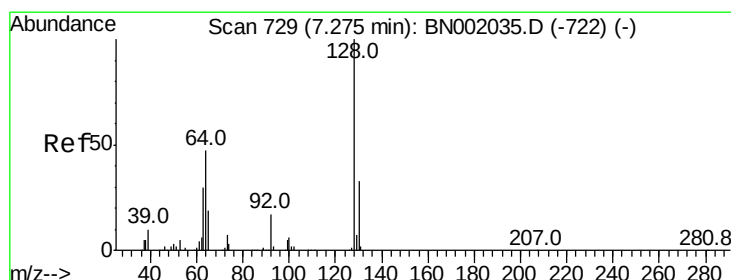
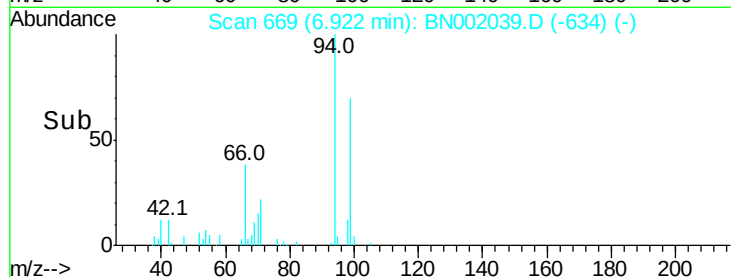
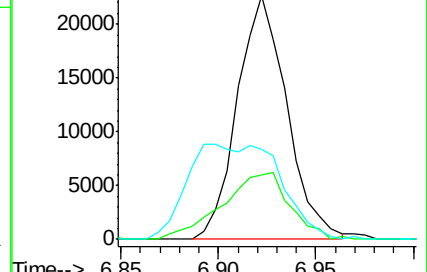
66 36.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002035.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BN002035.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BN002035.D (-660) (-)



#10

2-Chlorophenol

Concen: 11.246 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. 0.02 min

Lab File: BN002039.D

Acq: 13 Jul 2018 18:06

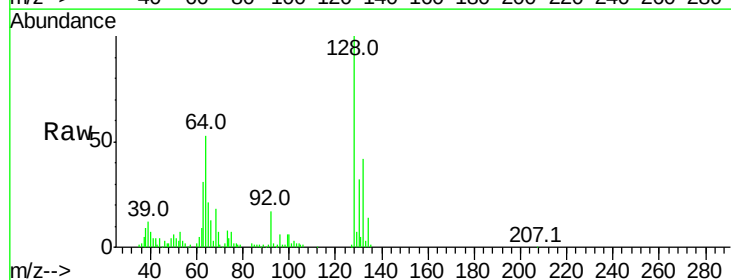
Tgt Ion:128 Resp: 235909

Ion Ratio Lower Upper

128 100

64 53.1 31.9 47.9#

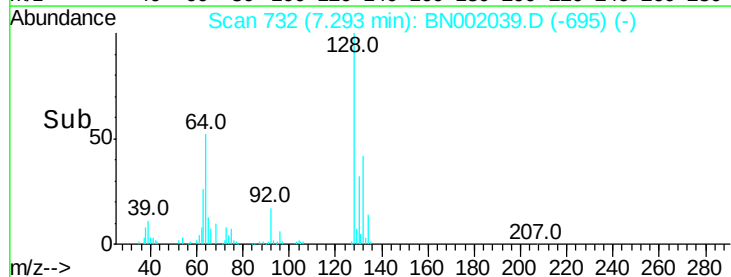
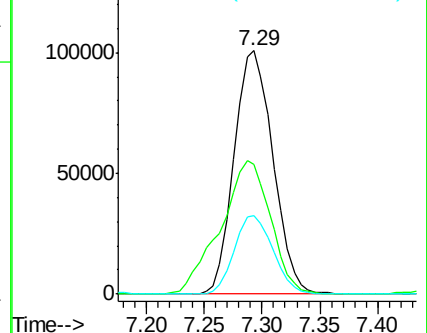
130 32.4 25.6 38.4

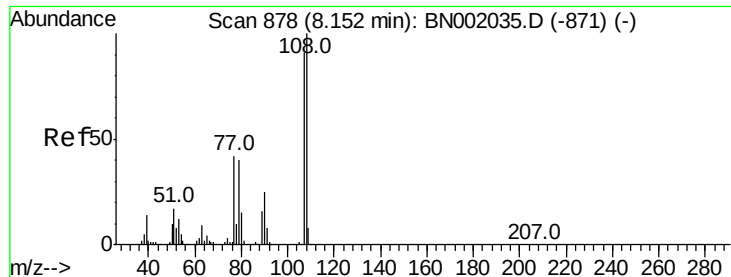


Abundance Ion 128.00 (127.70 to 128.70): BN002035.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BN002035.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BN002035.D (-722) (-)

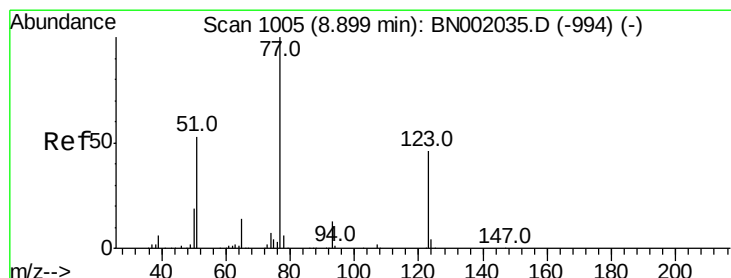
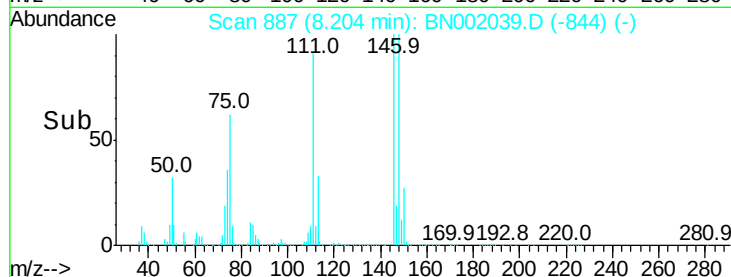
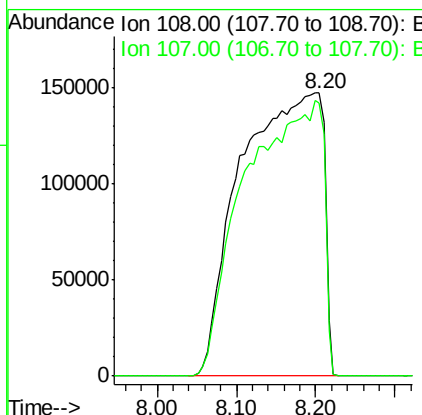
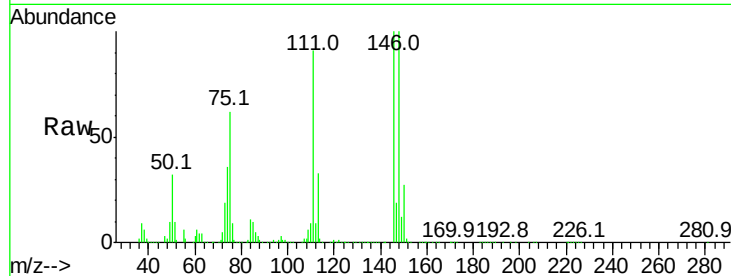




#11
2-Methylphenol
Concen: 51.497 ng/ul
RT: 8.20 min Scan# 887
Delta R.T. 0.05 min
Lab File: BN002039.D
Acq: 13 Jul 2018 18:06

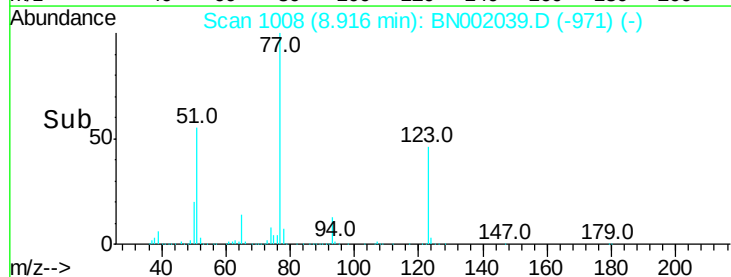
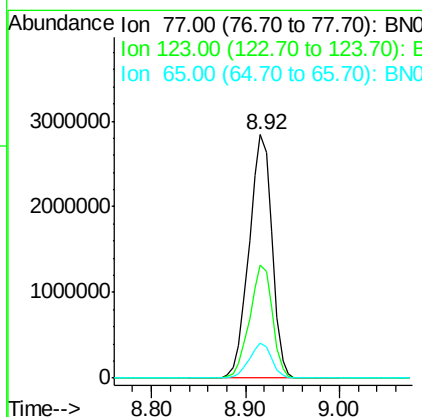
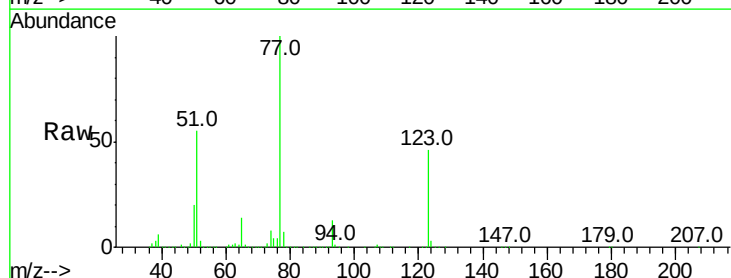
Instrument :
BNA_N
ClientSampleId :

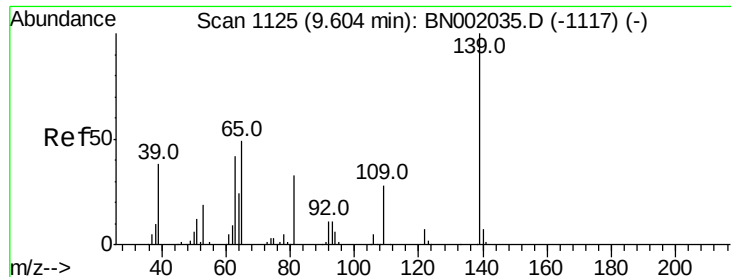
Tot Ion:108 Resp: 1059016
Ion Ratio Lower Upper
108 100
107 96.5 72.4 108.6



#20
Nitrobenzene
Concen: 129.262 ng/ul
RT: 8.92 min Scan# 1008
Delta R.T. 0.02 min
Lab File: BN002039.D
Acq: 13 Jul 2018 18:06

Tgt Ion: 77 Resp: 4793555
Ion Ratio Lower Upper
77 100
123 46.4 39.0 58.4
65 14.2 10.4 15.6

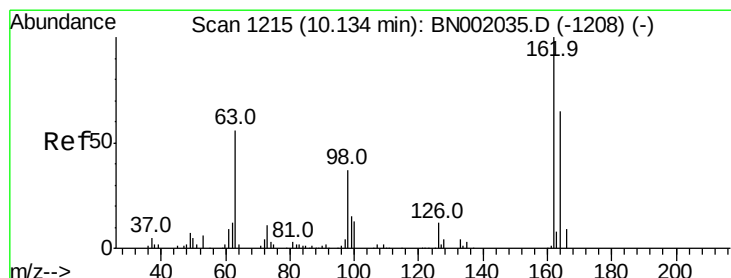
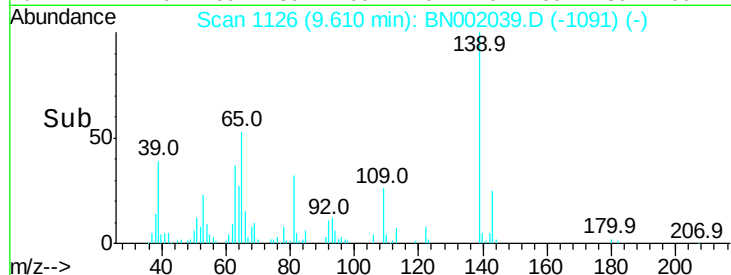
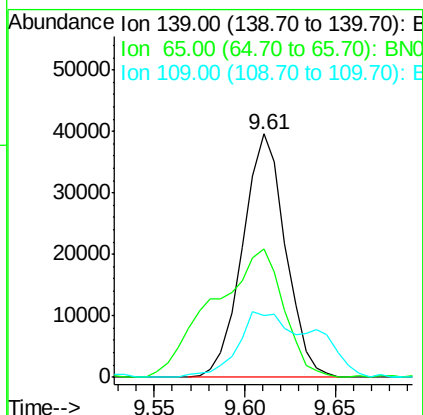
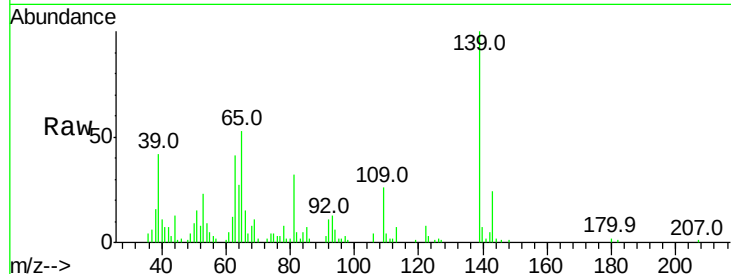




#23
2-Nitrophenol
Concen: 3.494 ng/ul
RT: 9.61 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BN002039.D
Acq: 13 Jul 2018 18:06

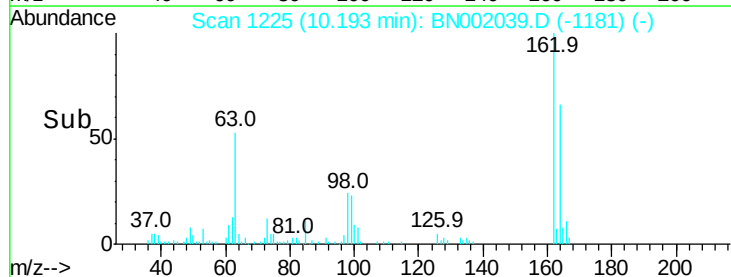
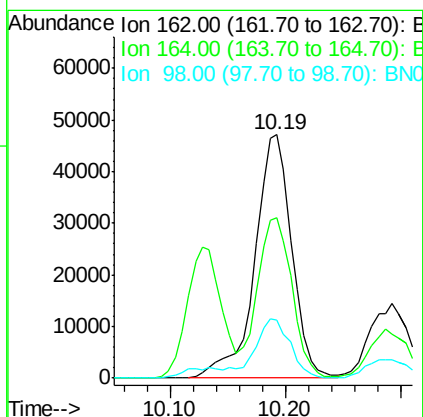
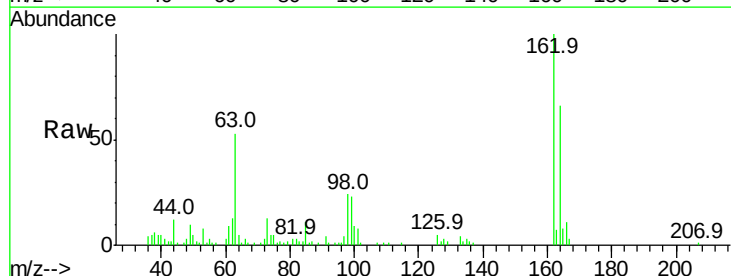
Instrument :
BNA_N
ClientSampleId :

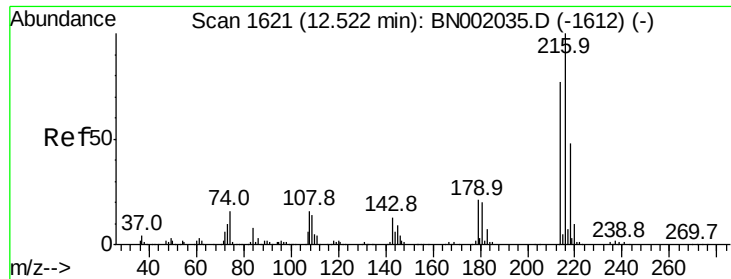
Tot Ion:139 Resp: 65196
Ion Ratio Lower Upper
139 100
65 52.7 36.3 54.5
109 25.5 26.4 39.6#



#27
2,4-Dichlorophenol
Concen: 3.332 ng/ul
RT: 10.19 min Scan# 1225
Delta R.T. 0.06 min
Lab File: BN002039.D
Acq: 13 Jul 2018 18:06

Tgt Ion:162 Resp: 105478
Ion Ratio Lower Upper
162 100
164 66.0 52.1 78.1
98 24.0 28.4 42.6#



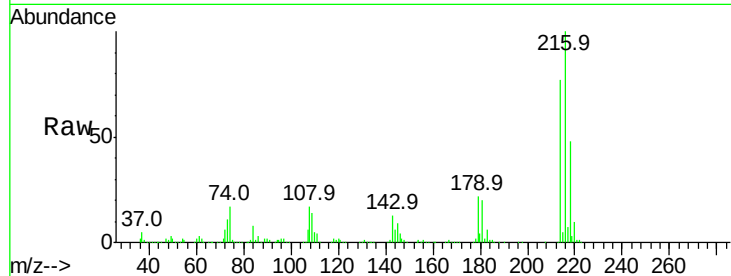


#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.031 ng/ul
 RT: 12.52 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BN002039.D
 Acq: 13 Jul 2018 18:06

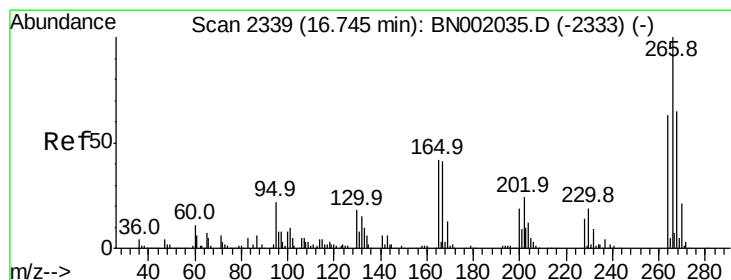
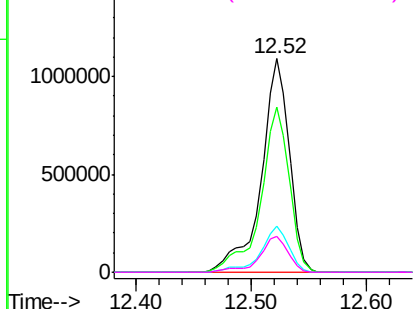
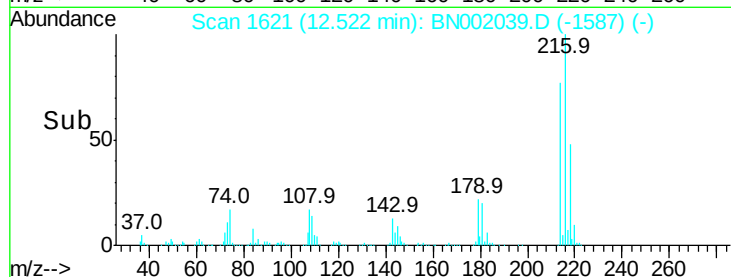
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:216 Resp: 1863173

Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.5	93.7
179	21.6	18.2	27.2
108	16.9	14.2	21.2



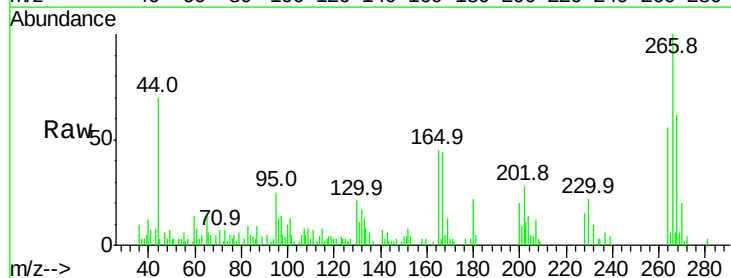
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



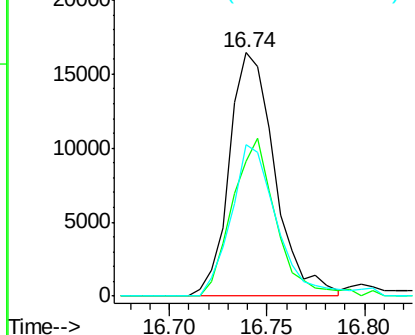
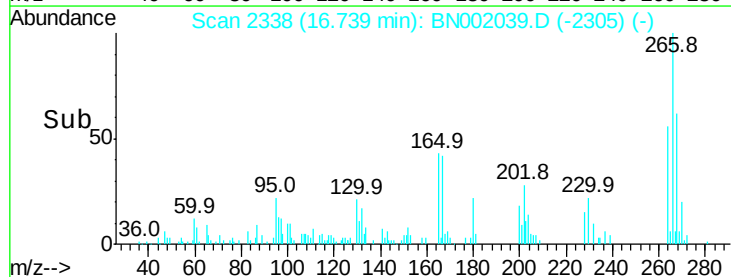
#68
 Pentachlorophenol
 Concen: 1.426 ng/ul
 RT: 16.74 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BN002039.D
 Acq: 13 Jul 2018 18:06

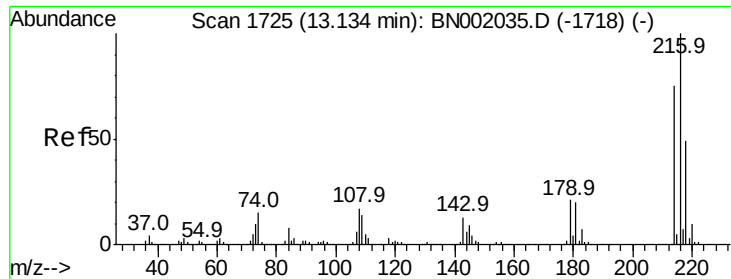
Tgt Ion:266 Resp: 26589

Ion	Ratio	Lower	Upper
266	100		
264	55.6	50.5	75.7
268	62.1	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

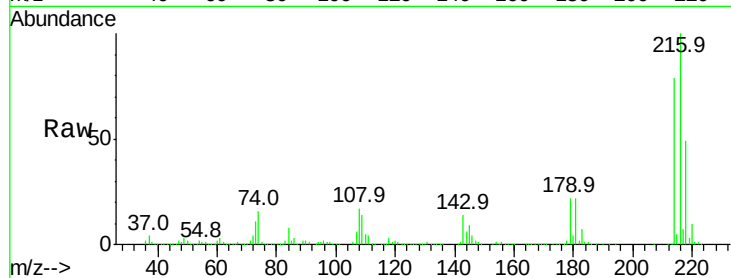




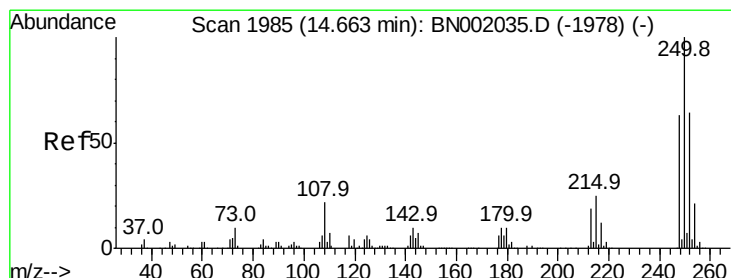
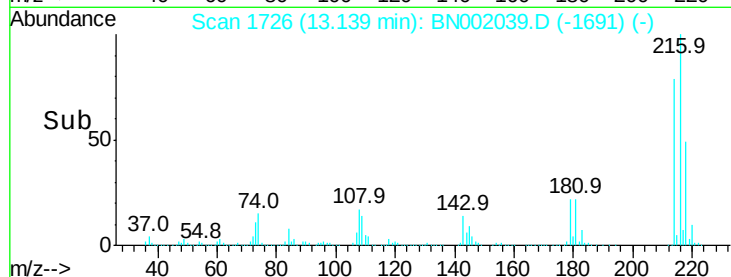
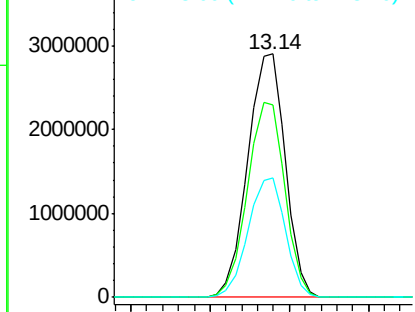
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 119.545 ng/uL
 RT: 13.14 min Scan# 1726
 Delta R.T. 0.01 min
 Lab File: BN002039.D
 Acq: 13 Jul 2018 18:06

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:216 Resp: 4799260
 Ion Ratio Lower Upper
 216 100
 214 79.3 62.5 93.7
 218 49.1 38.4 57.6

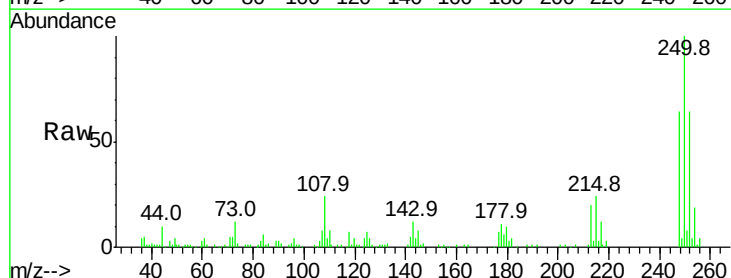


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#73
 Pentachlorobenzene
 Concen: 3.225 ng/uL
 RT: 14.66 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BN002039.D
 Acq: 13 Jul 2018 18:06

Tgt Ion:250 Resp: 121125
 Ion Ratio Lower Upper
 250 100
 248 63.6 50.6 75.8
 252 64.1 51.4 77.0



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

