

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031319\
 Data File : BN004748.D
 Acq On : 14 Mar 2019 02:00
 Operator : JU/SJ
 Sample : K1859-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR0

Quant Time: Mar 14 04:49:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 14 03:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	29693	20.00	ng/ul	0.05
18) Naphthalene-d8	10.53	136	165956	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	93078	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	204501	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	197760	20.00	ng/ul	-0.01
86) Perylene-d12	23.56	264	200951	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2342	4.45	ng/uL	0.00
5) Phenol-d5	6.90	99	19012	7.75	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.09	67	44281	34.60	ng/ul	0.03
9) 2-Chlorophenol-d4	7.26	132	64542	30.32	ng/ul	0.02
13) 4-Methylphenol-d8	8.43	113	36270	17.00	ng/ul	0.02
19) Nitrobenzene-d5	8.89	128	38215	30.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.60	143	43572	30.33	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	70633	25.79	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	2351	0.72	ng/ul	0.02
44) Dimethylphthalate-d6	13.77	166	234302	29.11	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	294519	30.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	4784	3.20	ng/ul	0.02
58) Fluorene-d10	15.36	176	198558	29.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	35636	25.24	ng/ul	0.00
71) Anthracene-d10	17.21	188	310308	31.15	ng/ul	0.00
79) Pyrene-d10	19.51	212	327765	33.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	315520	29.24	ng/ul	-0.01

Target Compounds

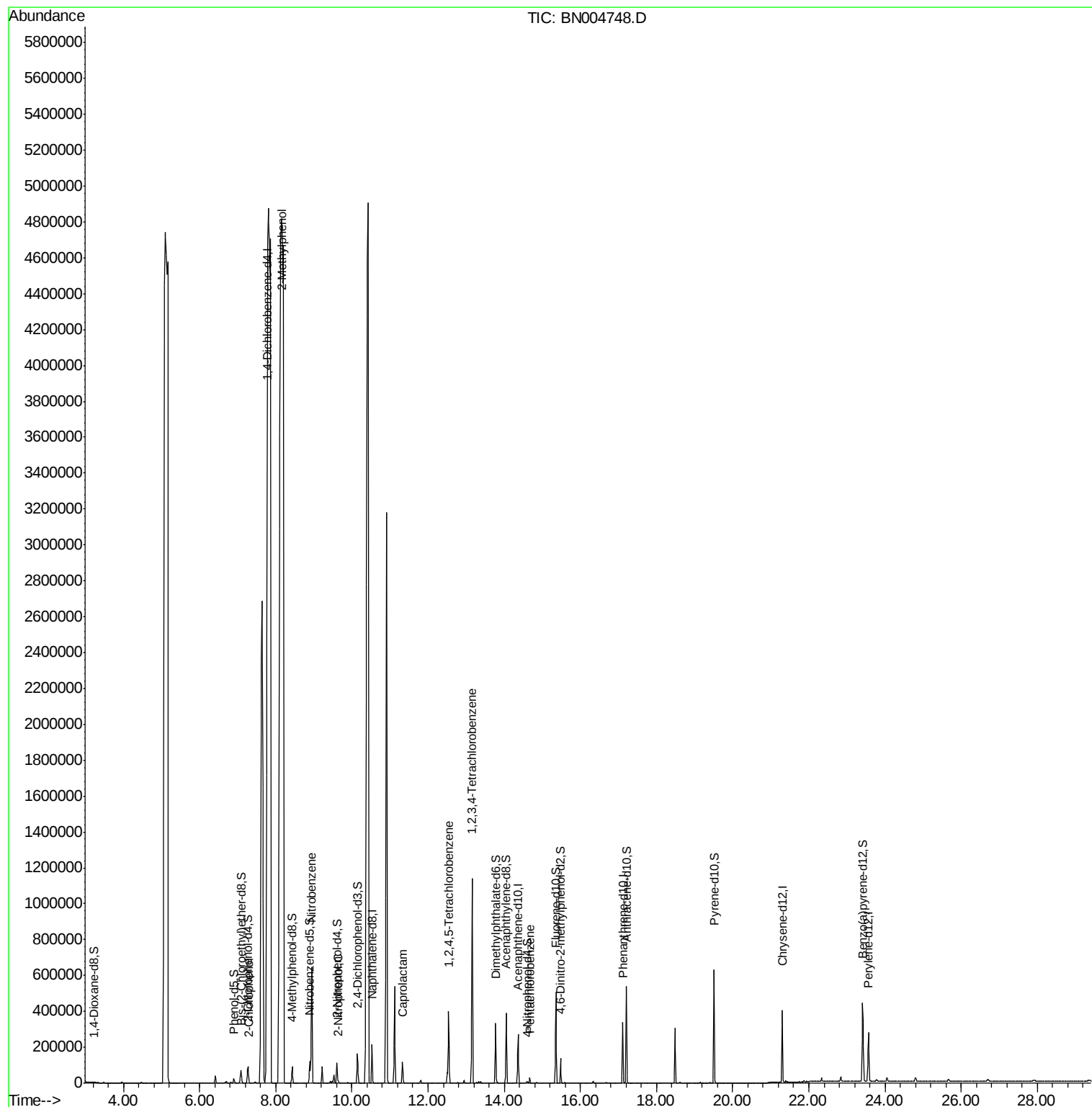
					Qvalue
10) 2-Chlorophenol	7.30	128	3834	1.785	ng/ul 98
11) 2-Methylphenol	8.15	108	38326	19.111	ng/ul 99
20) Nitrobenzene	8.95	77	368859	142.004	ng/ul 97
23) 2-Nitrophenol	9.63	139	3749	2.413	ng/ul# 91
32) Caprolactam	11.33	113	9721	10.648	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	134174	40.993	ng/ul 98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	368572	121.422	ng/uL 100
74) Pentachlorobenzene	14.67	250	10014	3.094	ng/uL 96

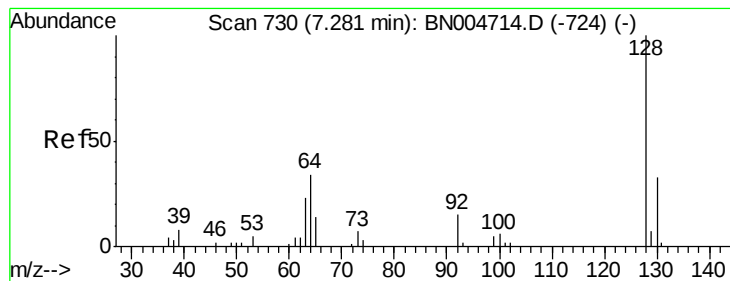
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.785 ng/ul

RT: 7.30 min Scan# 734

Delta R.T. 0.02 min

Lab File: BN004748.D

Acq: 14 Mar 2019 02:00

Instrument :

BNA_N

ClientSampleId :

C0BR0

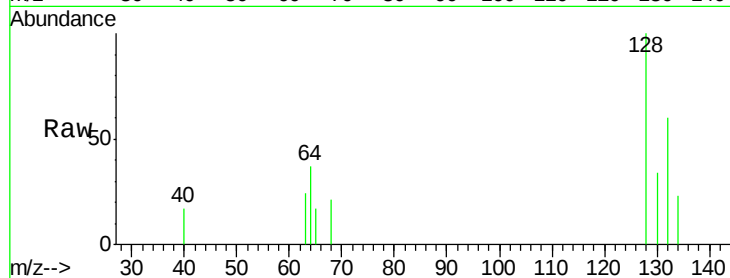
Tgt Ion:128 Resp: 3834

Ion Ratio Lower Upper

128 100

64 37.4 31.0 46.6

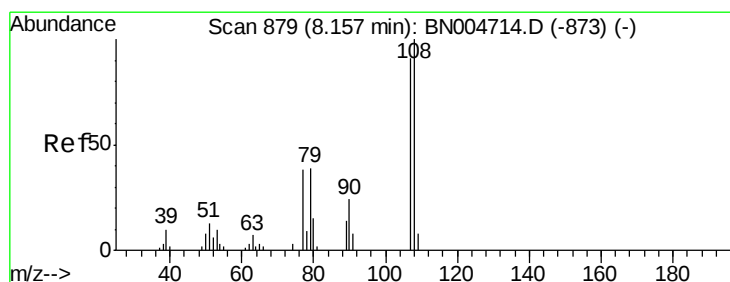
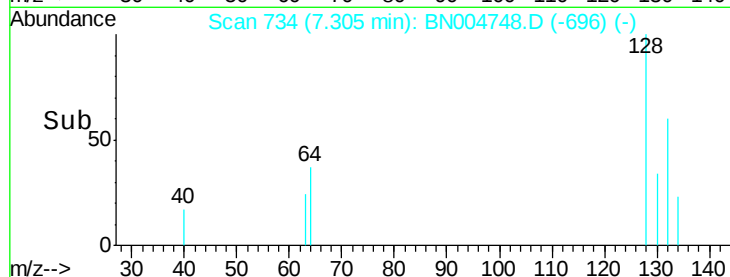
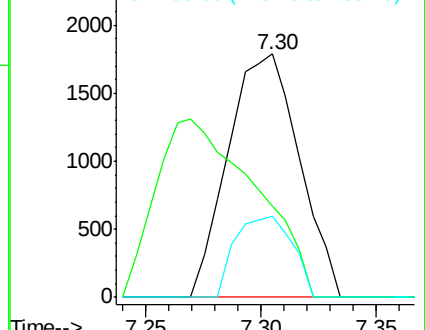
130 33.5 26.1 39.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.111 ng/ul

RT: 8.15 min Scan# 877

Delta R.T. -0.01 min

Lab File: BN004748.D

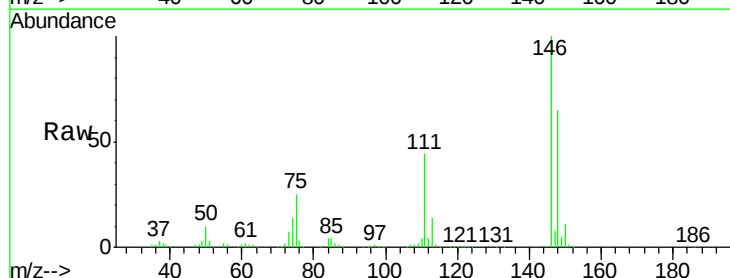
Acq: 14 Mar 2019 02:00

Tgt Ion:108 Resp: 38326

Ion Ratio Lower Upper

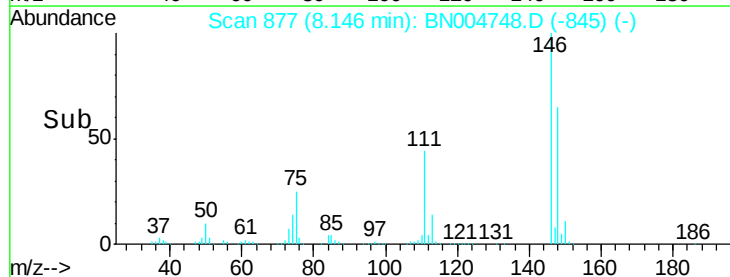
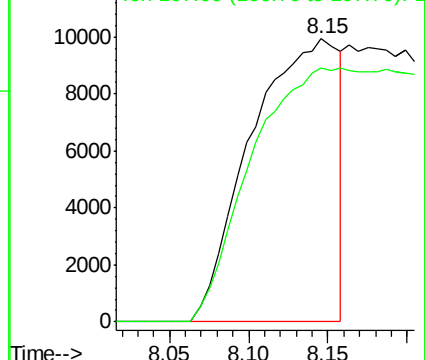
108 100

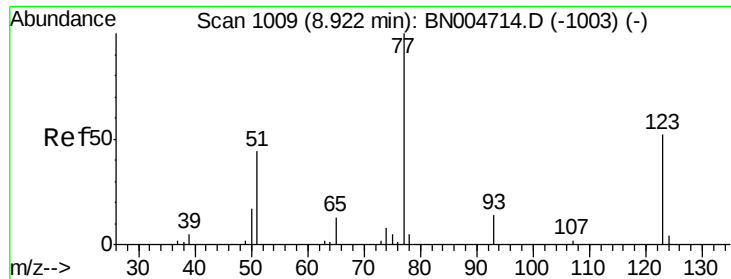
107 89.8 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

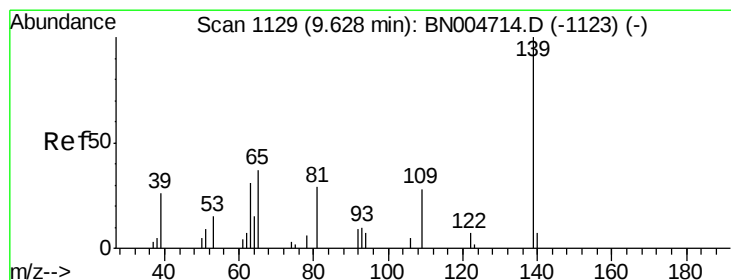
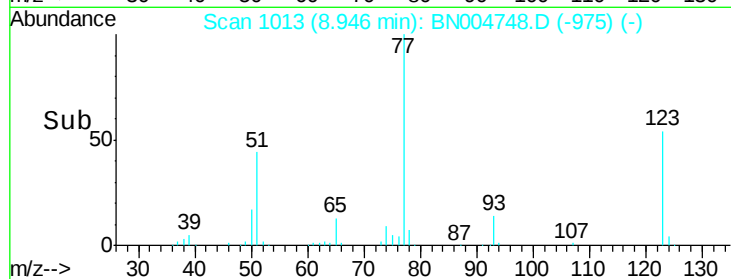
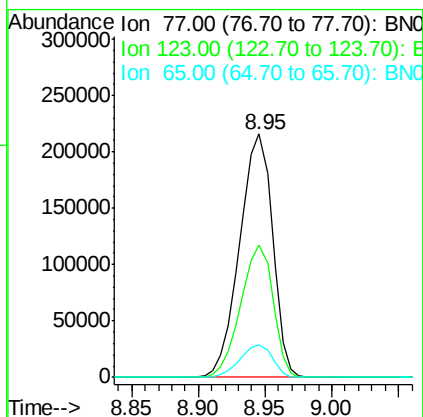
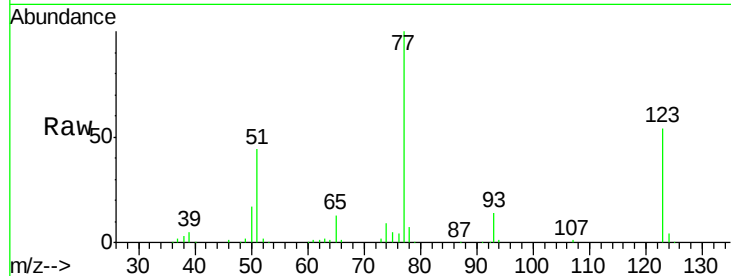




#20
Nitrobenzene
Concen: 142.004 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BN004748.D
Acq: 14 Mar 2019 02:00

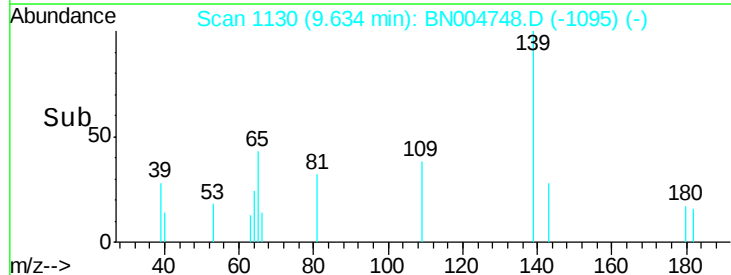
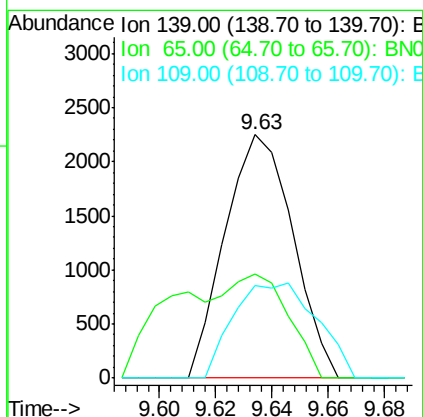
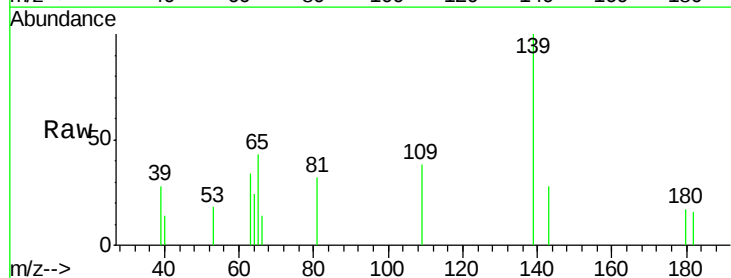
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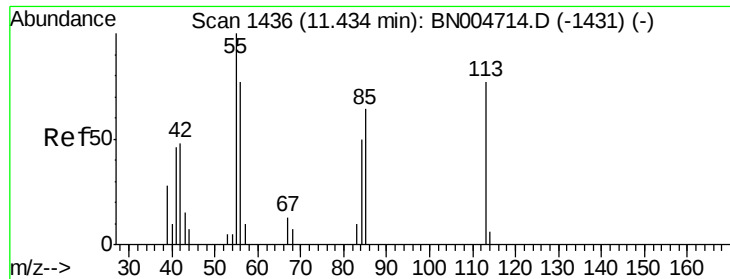
Tgt Ion: 77 Resp: 368859
Ion Ratio Lower Upper
77 100
123 54.2 41.6 62.4
65 13.5 10.2 15.4



#23
2-Nitrophenol
Concen: 2.413 ng/ul
RT: 9.63 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BN004748.D
Acq: 14 Mar 2019 02:00

Tgt Ion: 139 Resp: 3749
Ion Ratio Lower Upper
139 100
65 42.8 32.7 49.1
109 37.8 22.8 34.2#





#32

Caprolactam

Concen: 10.648 ng/ul

RT: 11.33 min Scan# 1418

Delta R.T. -0.11 min

Lab File: BN004748.D

Acq: 14 Mar 2019 02:00

Instrument :

BNA_N

ClientSampleId :

C0BR0

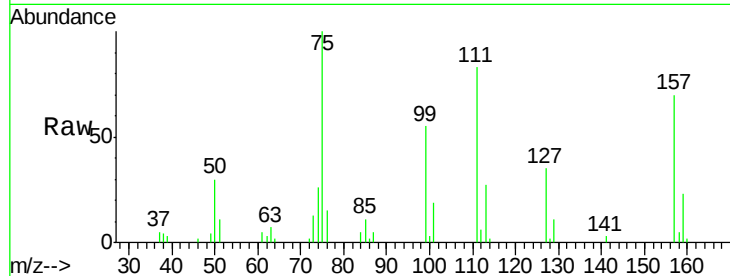
Tgt Ion:113 Resp: 9721

Ion Ratio Lower Upper

113 100

55 0.0 100.7 151.1#

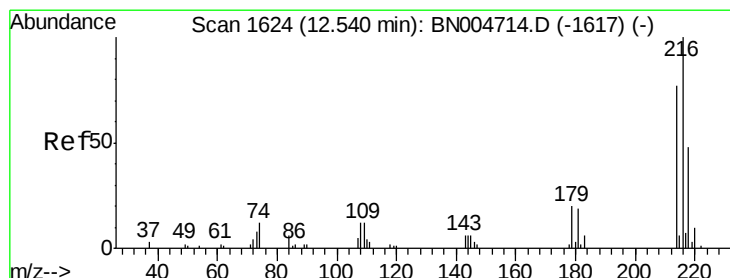
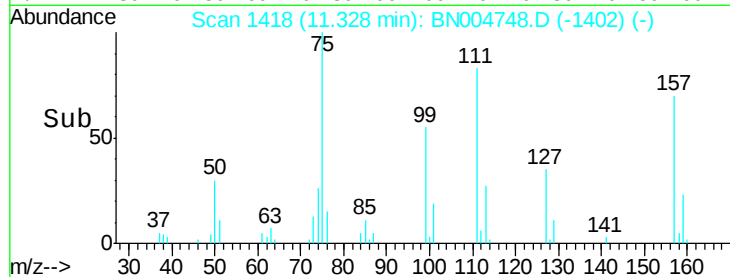
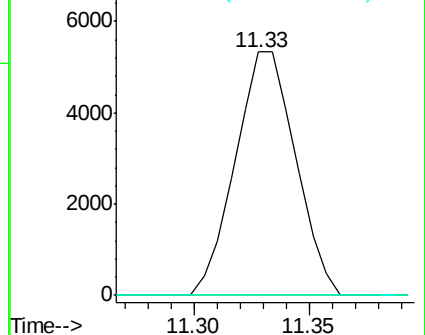
56 0.0 76.1 114.1#



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 40.993 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BN004748.D

Acq: 14 Mar 2019 02:00

Tgt Ion:216 Resp: 134174

Ion Ratio Lower Upper

216 100

214 78.4 60.9 91.3

179 20.7 16.2 24.4

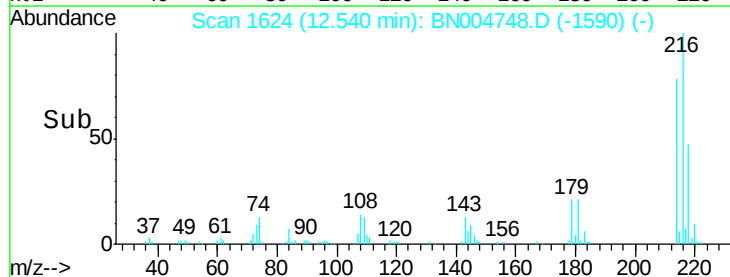
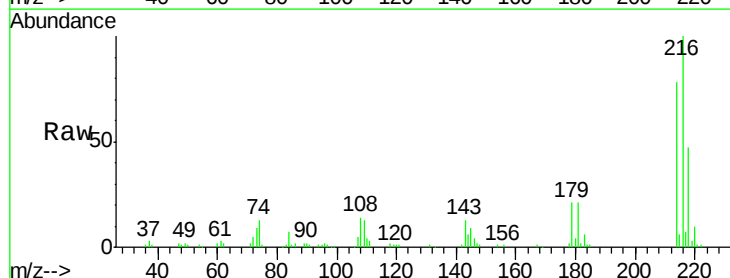
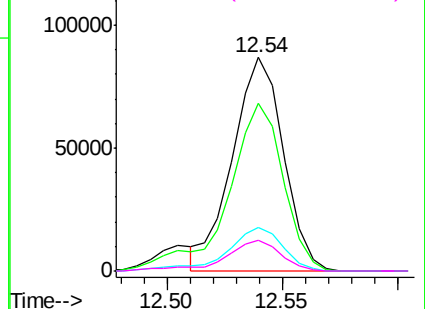
108 14.1 11.5 17.3

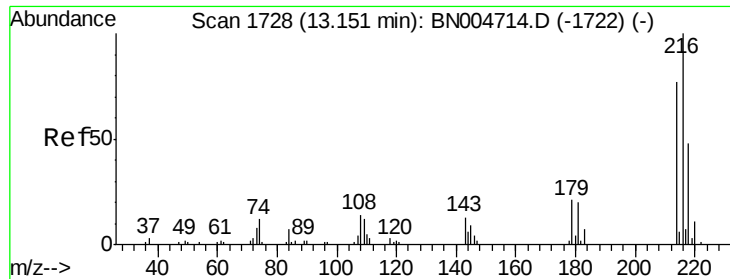
Abundance Ion 216.00 (215.70 to 216.70): E

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

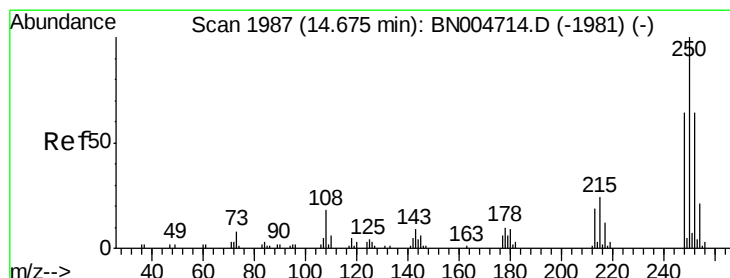
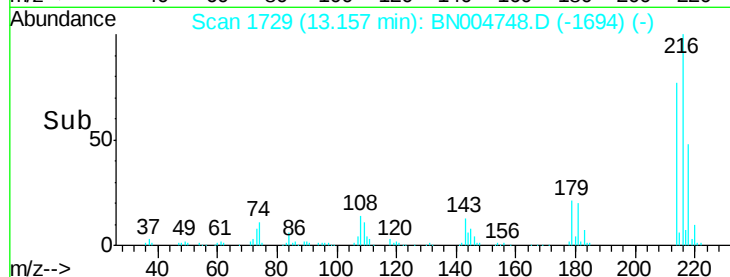
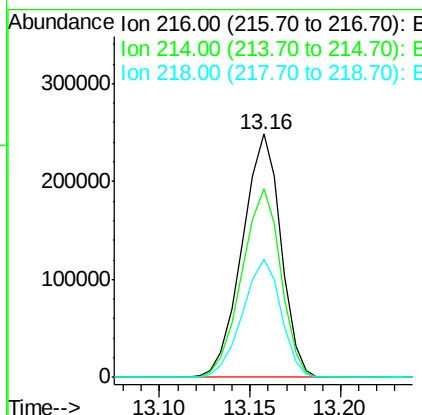
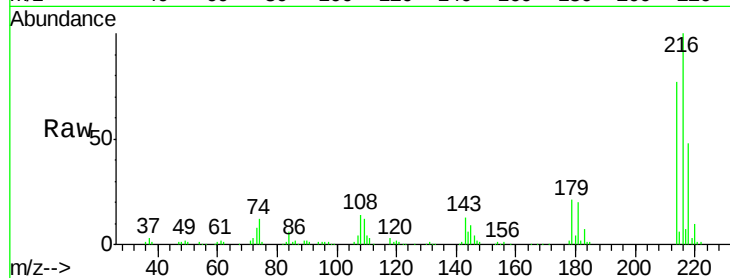




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 121.422 ng/uL
 RT: 13.16 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BN004748.D
 Acq: 14 Mar 2019 02:00

Instrument :
 BNA_N
 ClientSampleId :
 C0BR0

Tgt Ion:216 Resp: 368572
 Ion Ratio Lower Upper
 216 100
 214 77.3 61.9 92.9
 218 48.3 38.7 58.1



#74
 Pentachlorobenzene
 Concen: 3.094 ng/uL
 RT: 14.67 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BN004748.D
 Acq: 14 Mar 2019 02:00

Tgt Ion:250 Resp: 10014
 Ion Ratio Lower Upper
 250 100
 248 60.5 51.5 77.3
 252 64.5 50.4 75.6

