

Data File : BN006404.D
Acq On : 19 Jun 2019 19:46
Operator : JU/SJ
Sample : K3224-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C57

Quant Time: Jun 20 05:43:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 05:40:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	123642	20.00	ng/ul	0.02
18) Naphthalene-d8	10.44	136	991051	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.29	164	590573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1324421	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1322822	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1524440	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	10499	3.32	ng/uL	0.00
5) Phenol-d5	6.82	99	195850	14.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.99	67	519130	63.70	ng/ul	0.02
9) 2-Chlorophenol-d4	7.18	132	512889	52.84	ng/ul	0.02
13) 4-Methylphenol-d8	8.35	113	337527	32.32	ng/ul	0.01
19) Nitrobenzene-d5	8.80	128	315910	39.81	ng/ul	0.02
22) 2-Nitrophenol-d4	9.51	143	342956	39.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	558011	33.60	ng/ul	0.02
29) 4-Chloroaniline-d4	10.57	131	7889	0.41	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	1944204	37.56	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2358024	37.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	68543	7.75	ng/ul	0.01
57) Fluorene-d10	15.29	176	1642997	37.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	295709	35.28	ng/ul	0.00
70) Anthracene-d10	17.14	188	2557568	38.36	ng/ul	0.00
78) Pyrene-d10	19.45	212	2910057	37.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	3273624	38.02	ng/ul	0.01

Target Compounds

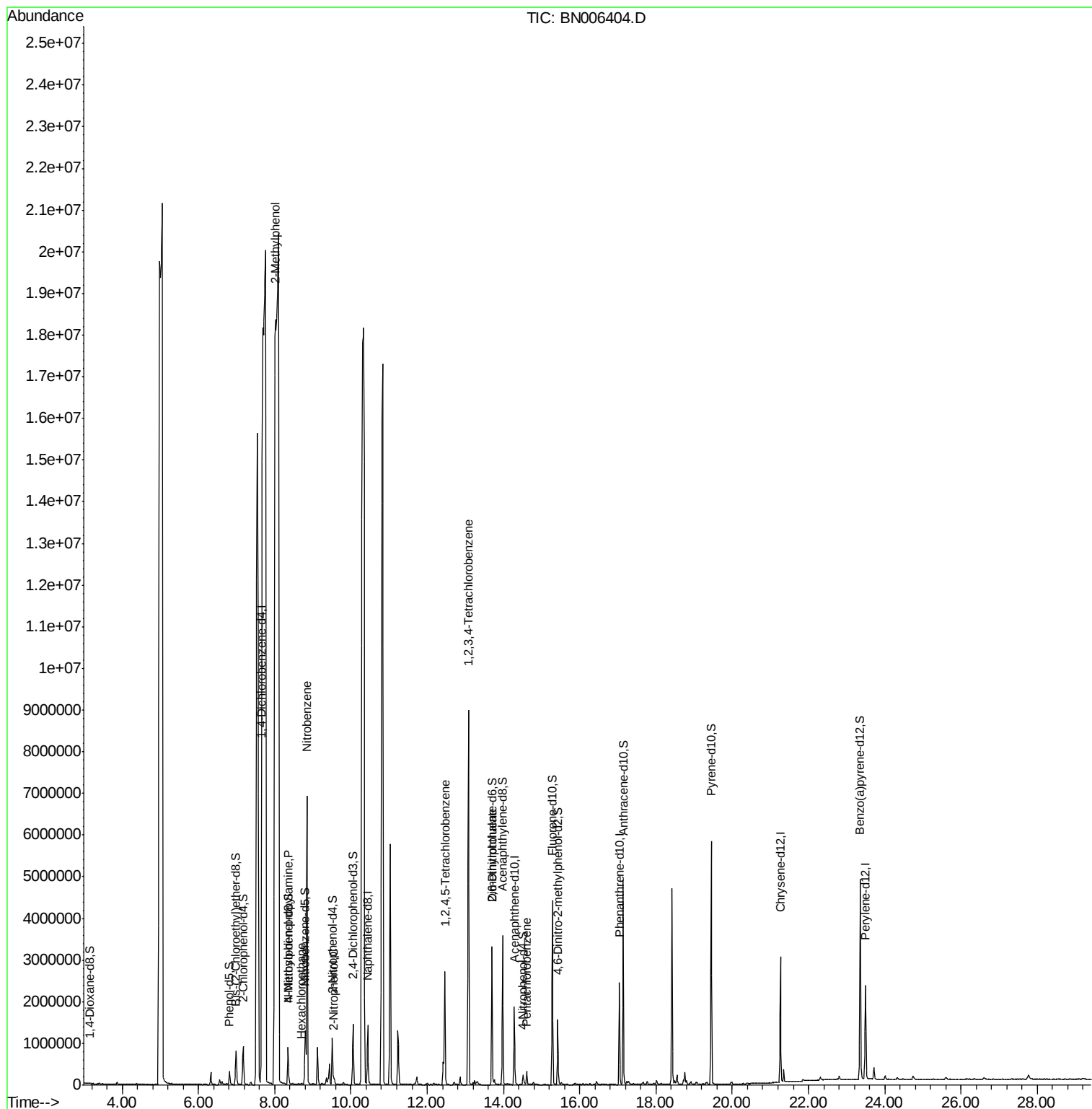
					Qvalue	
11) 2-Methylphenol	8.01	108	69230	7.202	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.35	70	8667	1.030	ng/ul#	1
17) Hexachloroethane	8.70	117	3909	1.036	ng/ul	89
20) Nitrobenzene	8.85	77	4106999	214.467	ng/ul	95
23) 2-Nitrophenol	9.54	139	35638	4.096	ng/ul	94
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	826687	47.195	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	13922	1.497	ng/ul#	44
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	2751513	154.371	ng/uL	97
73) Pentachlorobenzene	14.61	250	68837	3.873	ng/uL	98

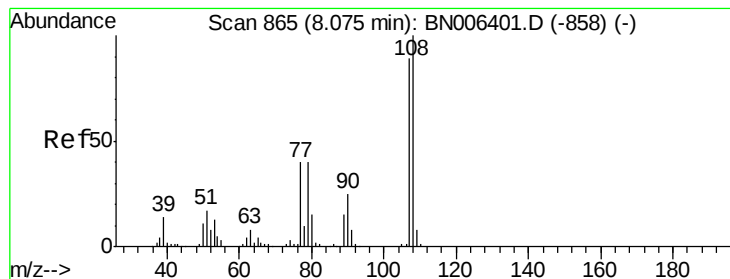
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 7.202 ng/ul

RT: 8.01 min Scan# 854

Delta R.T. -0.06 min

Lab File: BN006404.D

Acq: 19 Jun 2019 19:46

Instrument :

BNA_N

ClientSampleId :

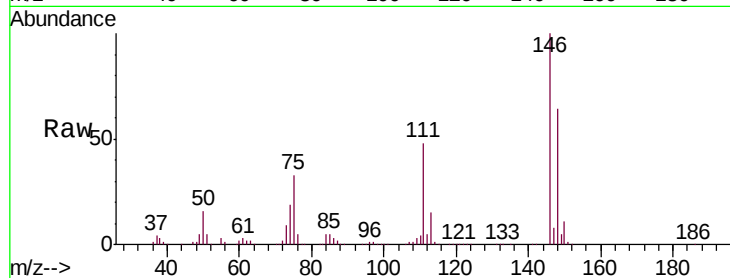
C0C57

Tgt Ion: 108 Resp: 69230

Ion Ratio Lower Upper

108 100

107 90.7 71.3 106.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

40000

30000

20000

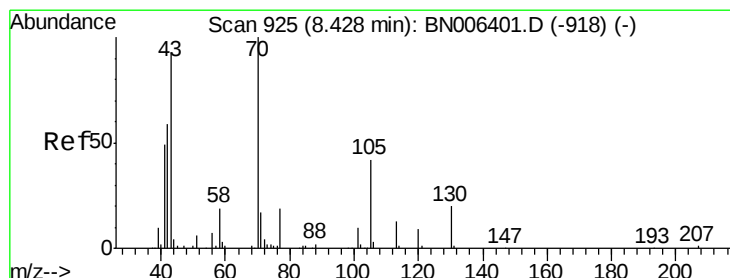
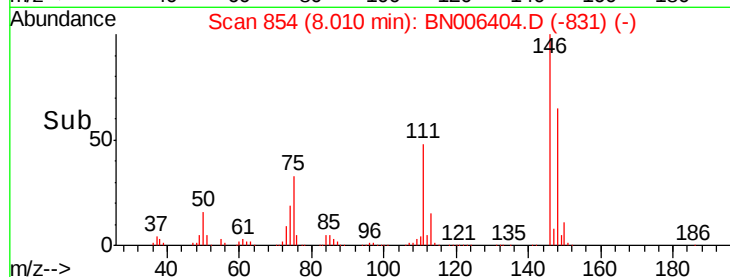
10000

0

7.95

8.00

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 1.030 ng/ul

RT: 8.35 min Scan# 912

Delta R.T. -0.08 min

Lab File: BN006404.D

Acq: 19 Jun 2019 19:46

Tgt Ion: 70 Resp: 8667

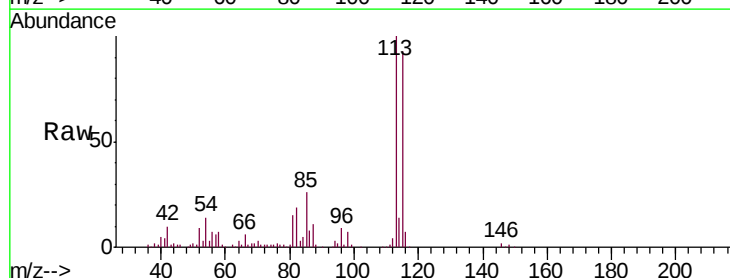
Ion Ratio Lower Upper

70 100

42 394.0 48.0 72.0#

101 0.0 7.4 11.0#

130 0.0 16.1 24.1#



Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

30000

25000

20000

15000

10000

5000

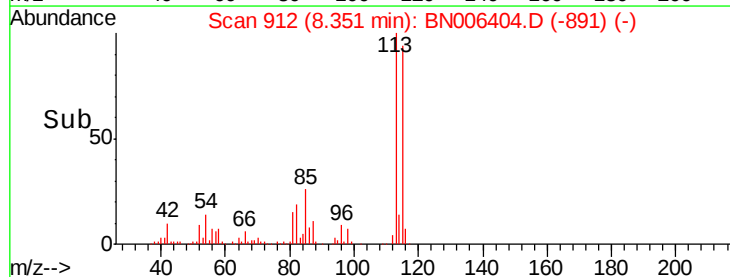
0

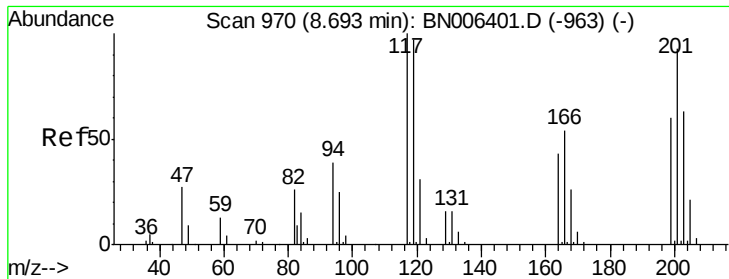
8.30

8.35

8.40

Time-->

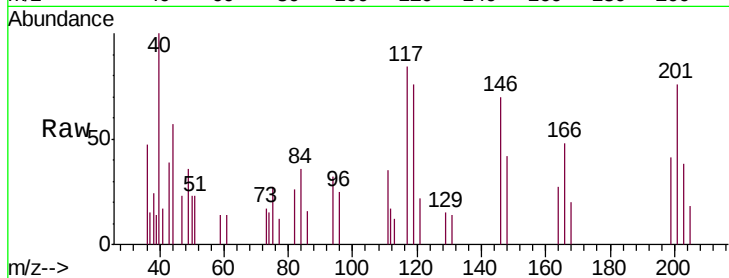




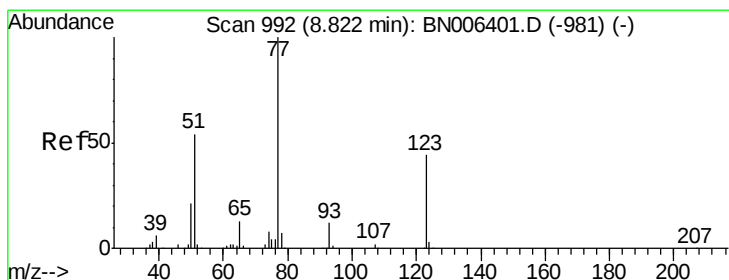
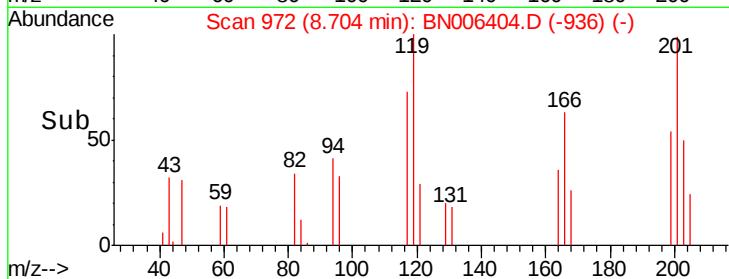
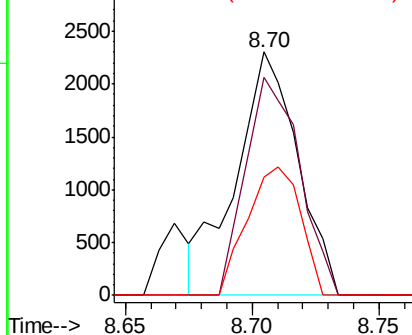
#17
 Hexachloroethane
 Concen: 1.036 ng/ul
 RT: 8.70 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BN006404.D
 Acq: 19 Jun 2019 19:46

Instrument :
 BNA_N
 ClientSampleId :
 C0C57

Tgt Ion: 117 Resp: 3909
 Ion Ratio Lower Upper
 117 100
 201 89.6 77.4 116.0
 199 48.7 48.6 73.0

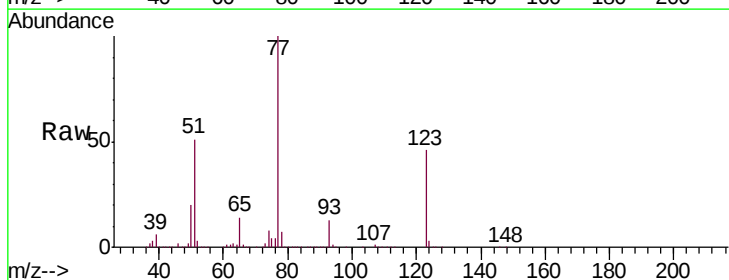


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

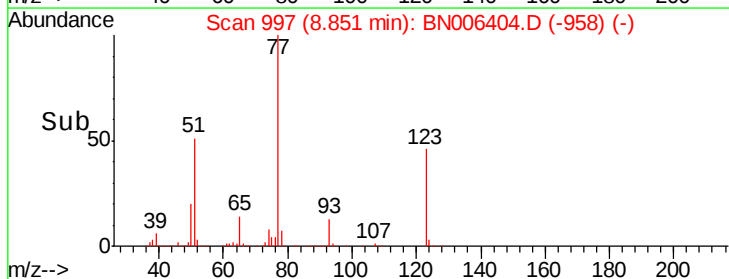
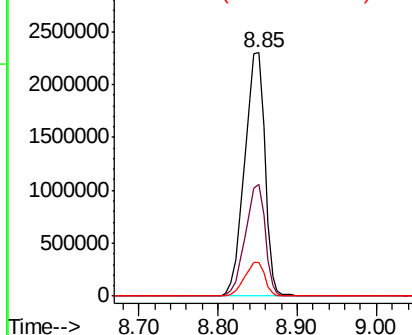


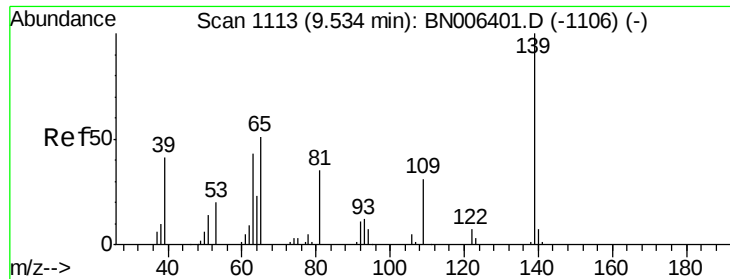
#20
 Nitrobenzene
 Concen: 214.467 ng/ul
 RT: 8.85 min Scan# 997
 Delta R.T. 0.03 min
 Lab File: BN006404.D
 Acq: 19 Jun 2019 19:46

Tgt Ion: 77 Resp: 4106999
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.7 50.5
 65 13.6 10.6 15.8



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: 4.096 ng/ul

RT: 9.54 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BN006404.D

Acq: 19 Jun 2019 19:46

Instrument :

BNA_N

ClientSampled :

C0C57

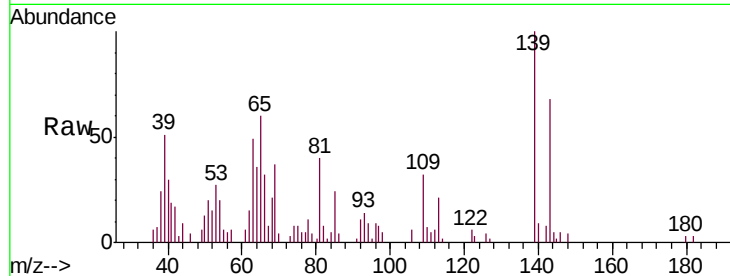
Tgt Ion:139 Resp: 35638

Ion Ratio Lower Upper

139 100

65 60.2 44.1 66.1

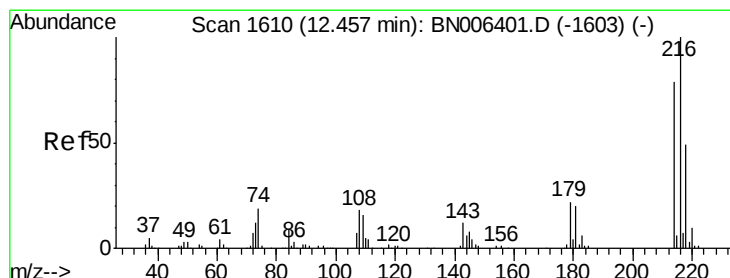
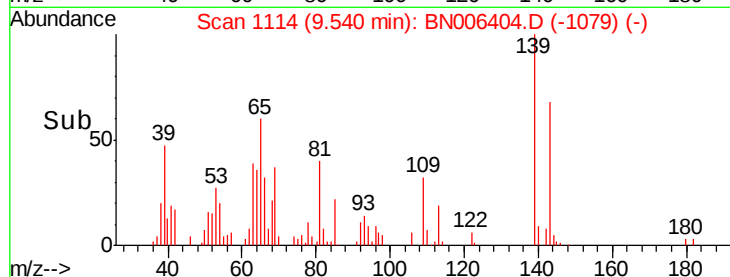
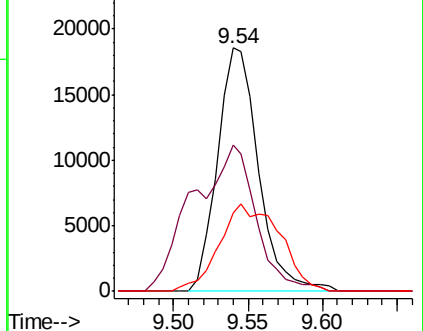
109 32.4 23.8 35.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): B

Ion 109.00 (108.70 to 109.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 47.195 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BN006404.D

Acq: 19 Jun 2019 19:46

Tgt Ion:216 Resp: 826687

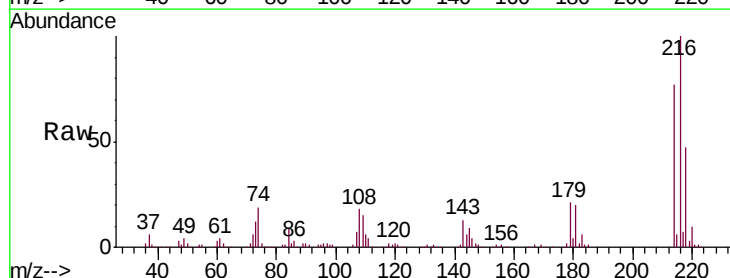
Ion Ratio Lower Upper

216 100

214 77.4 61.4 92.0

179 20.6 16.9 25.3

108 17.6 14.5 21.7

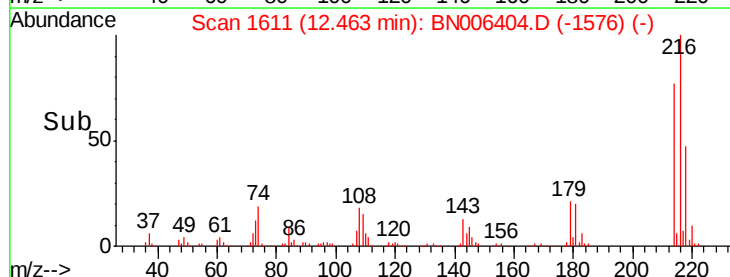
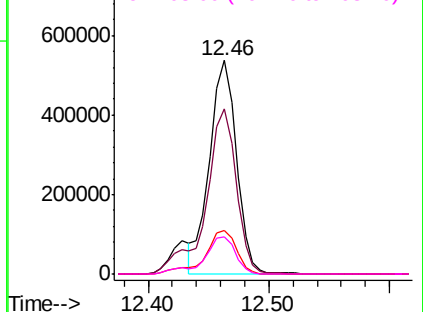


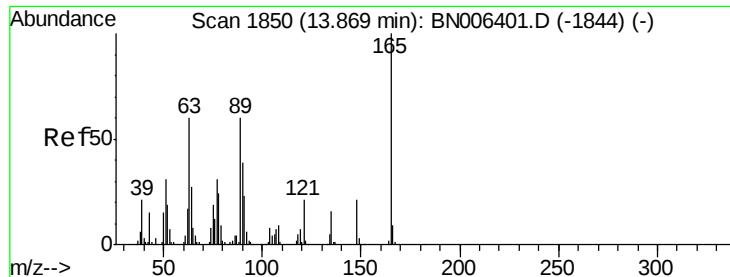
Abundance Ion 216.00 (215.70 to 216.70): E

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

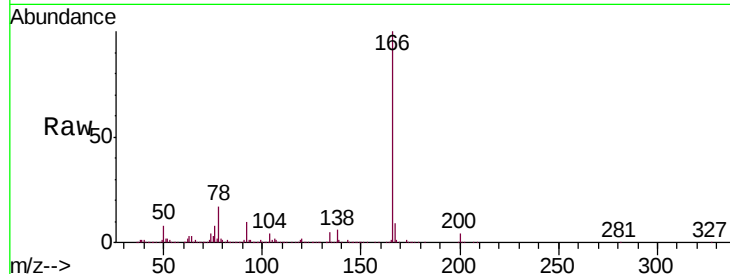




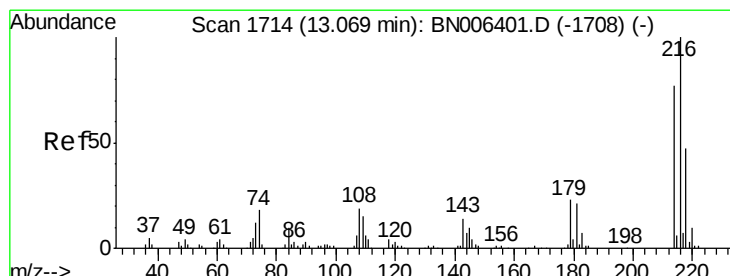
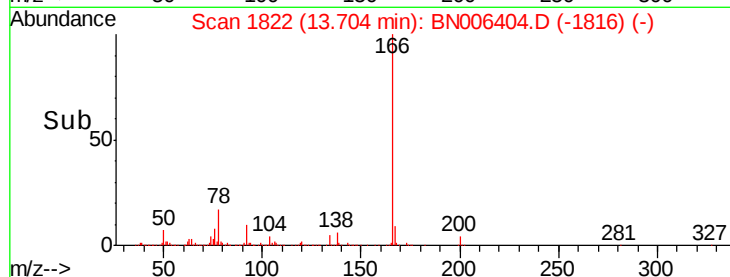
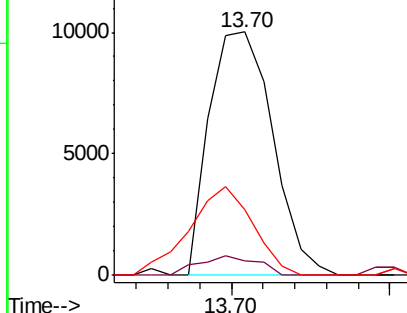
#45
 2,6-Dinitrotoluene
 Concen: 1.497 ng/uL
 RT: 13.70 min Scan# 1822
 Delta R.T. -0.16 min
 Lab File: BN006404.D
 Acq: 19 Jun 2019 19:46

Instrument :
 BNA_N
 ClientSampled :
 C0C57

Tgt Ion:165 Resp: 13922
 Ion Ratio Lower Upper
 165 100
 89 5.8 48.6 72.8#
 121 26.9 17.2 25.8#

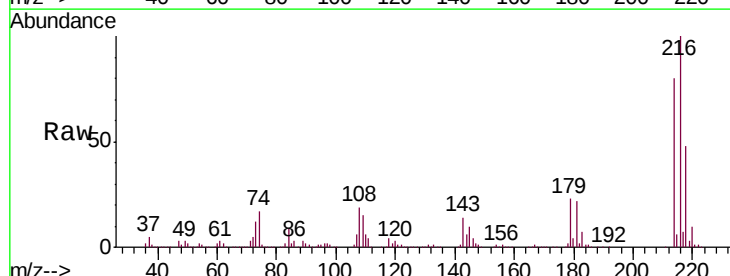


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

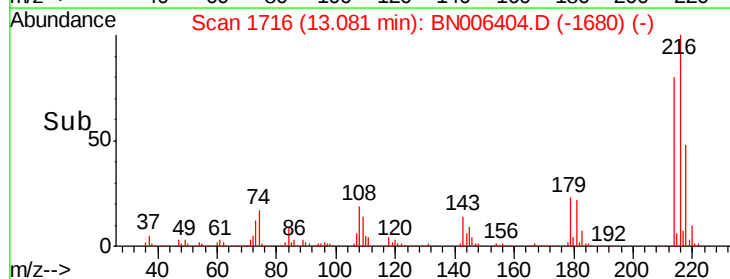
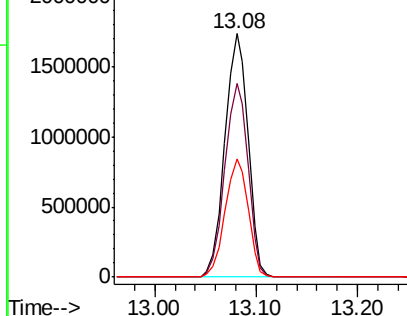


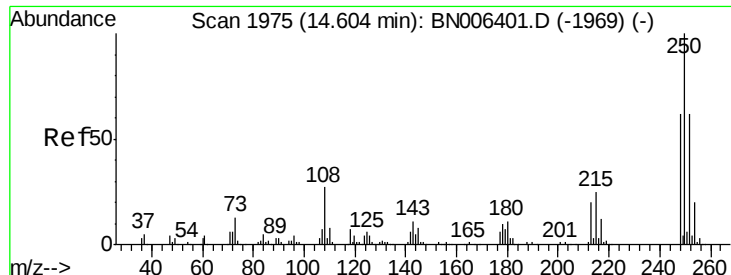
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 154.371 ng/uL
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BN006404.D
 Acq: 19 Jun 2019 19:46

Tgt Ion:216 Resp: 2751513
 Ion Ratio Lower Upper
 216 100
 214 79.6 62.1 93.1
 218 48.4 37.2 55.8



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: 3.873 ng/uL

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN006404.D

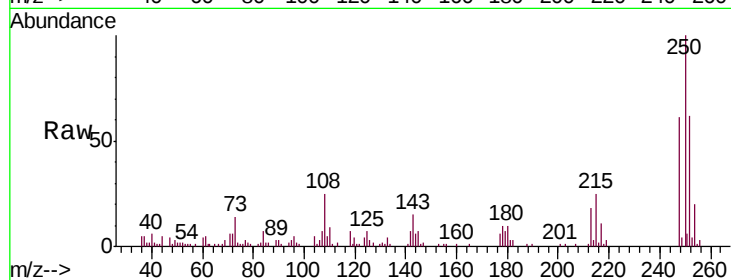
Acq: 19 Jun 2019 19:46

Instrument :

BNA_N

ClientSampleId :

C0C57



Tgt Ion:	250	Resp:	68837
Ion Ratio	Lower	Upper	
250	100		
248	61.5	50.0	75.0
252	61.6	50.9	76.3

