

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
 Data File : BN005774.D
 Acq On : 19 May 2019 04:00
 Operator : JU/SJ
 Sample : K2742-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C31

Quant Time: May 20 04:06:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 20 03:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	98818	20.00	ng/ul	0.04
18) Naphthalene-d8	10.35	136	445437	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.21	164	279377	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	694977	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	838628	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	983660	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	10449	5.92	ng/uL	0.00
5) Phenol-d5	6.77	99	50675	6.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	126077	31.64	ng/ul	0.01
9) 2-Chlorophenol-d4	7.12	132	161462	26.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	104411	15.99	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	112126	34.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	129123	34.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	212847	29.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	7309	0.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	757620	35.24	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	934499	35.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	15135	5.00	ng/ul	0.04
57) Fluorene-d10	15.21	176	668463	36.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	123676	29.61	ng/ul	0.00
70) Anthracene-d10	17.07	188	1121752	37.36	ng/ul	0.00
78) Pyrene-d10	19.39	212	1399167	33.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1648710	37.36	ng/ul	-0.01

Target Compounds

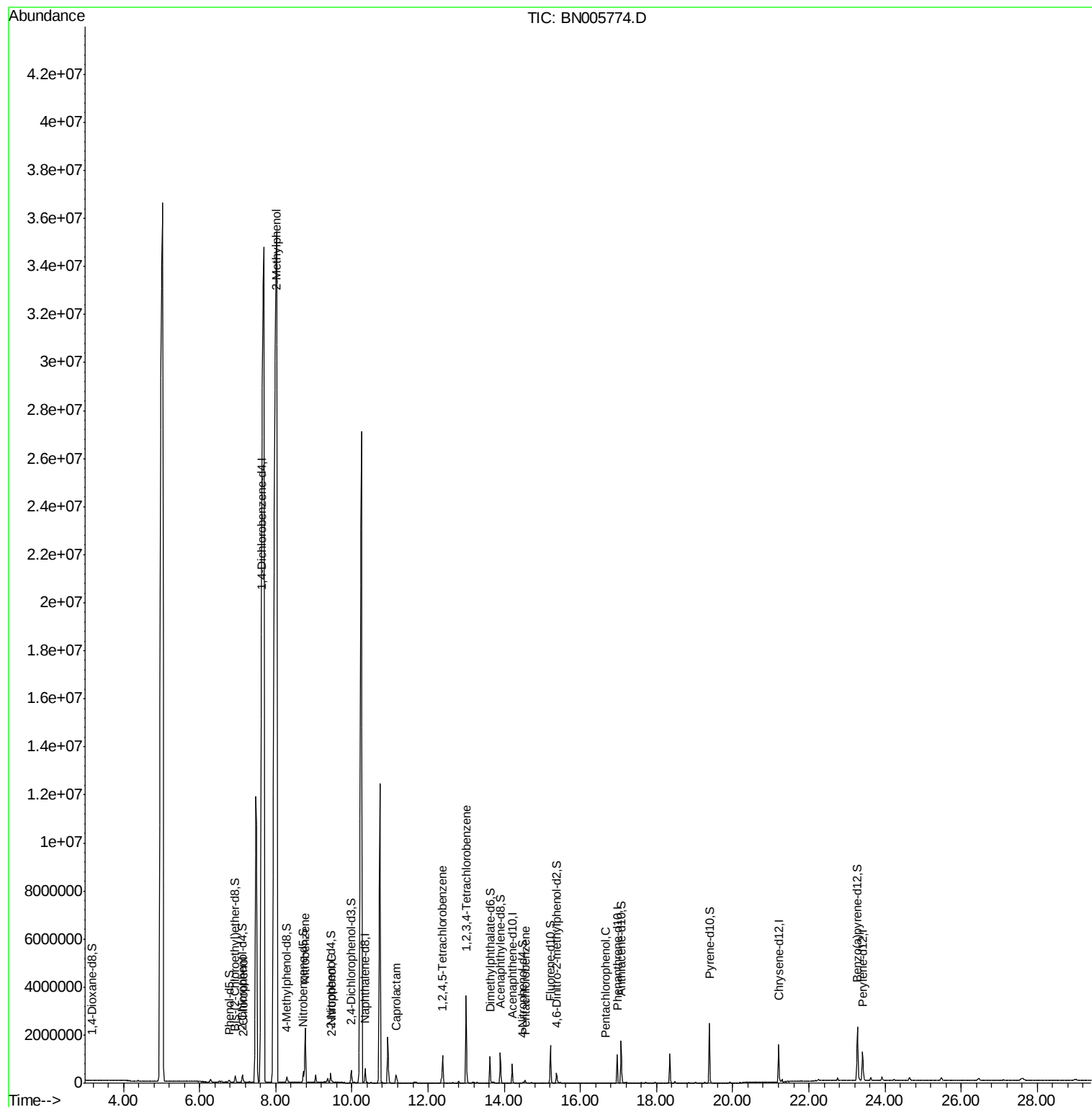
					Qvalue	
10) 2-Chlorophenol	7.15	128	9143	1.470	ng/ul#	87
11) 2-Methylphenol	8.03	108	376984	60.989	ng/ul	93
20) Nitrobenzene	8.78	77	1225221	163.925	ng/ul	93
23) 2-Nitrophenol	9.47	139	11142	2.866	ng/ul	92
32) Caprolactam	11.16	113	32893	13.094	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	438044	48.700	ng/ul	97
68) Pentachlorophenol	16.66	266	4114	1.092	ng/ul	86
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	1211097	129.987	ng/uL	99
73) Pentachlorobenzene	14.55	250	31759	3.456	ng/uL	99

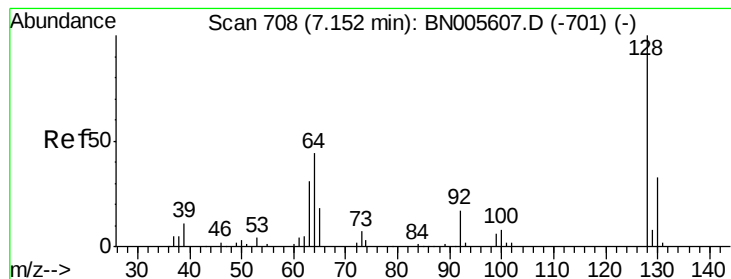
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 20 03:44:27 2019
Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 1.470 ng/ul

RT: 7.15 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN005774.D

Acq: 19 May 2019 04:00

Instrument :

BNA_N

ClientSampleId :

C0C31

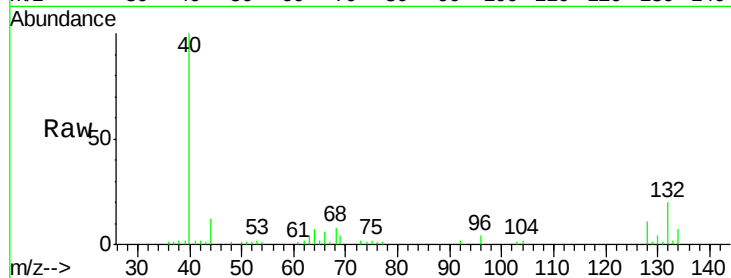
Tgt Ion:128 Resp: 9143

Ion Ratio Lower Upper

128 100

64 67.6 42.3 63.5#

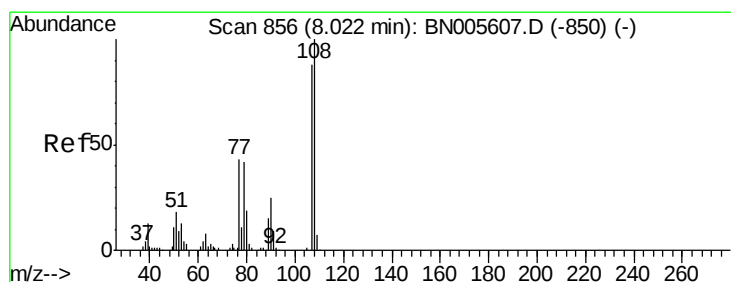
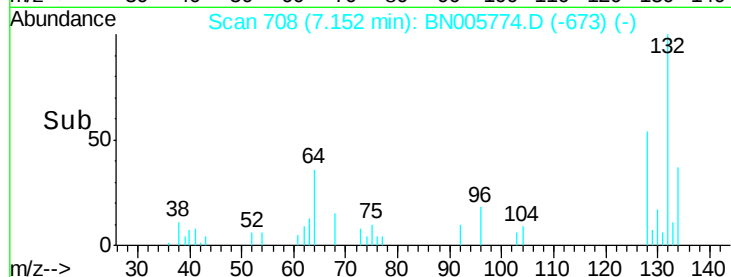
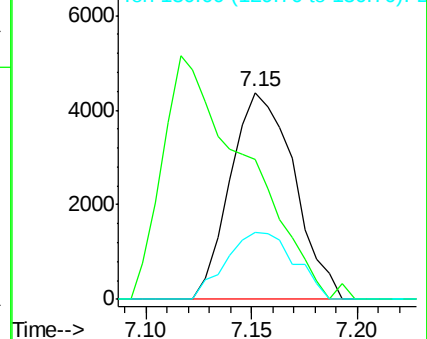
130 32.5 26.5 39.7



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: 60.989 ng/ul

RT: 8.03 min Scan# 857

Delta R.T. 0.01 min

Lab File: BN005774.D

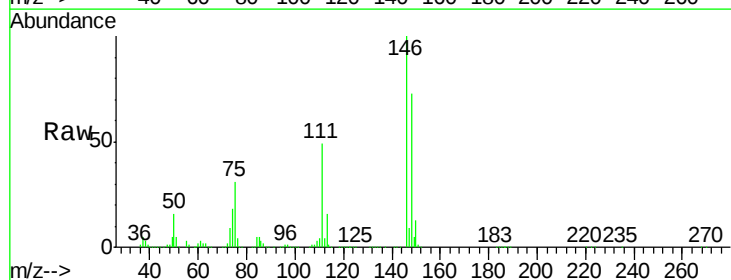
Acq: 19 May 2019 04:00

Tgt Ion:108 Resp: 376984

Ion Ratio Lower Upper

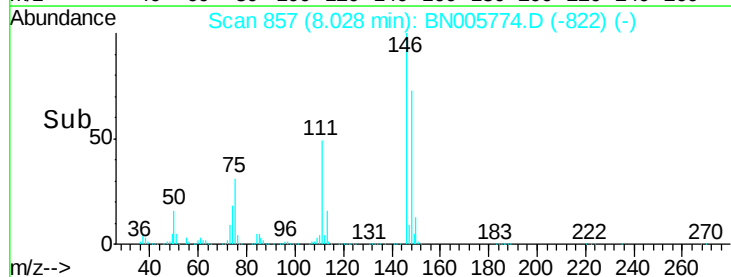
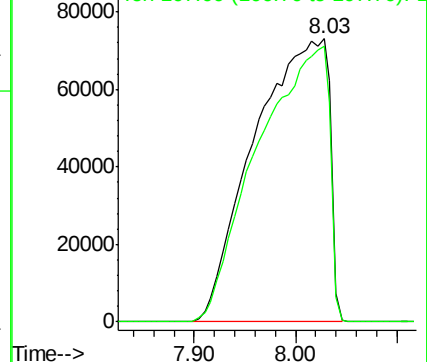
108 100

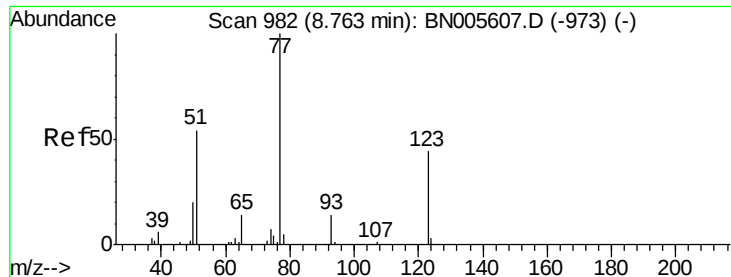
107 97.6 72.9 109.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

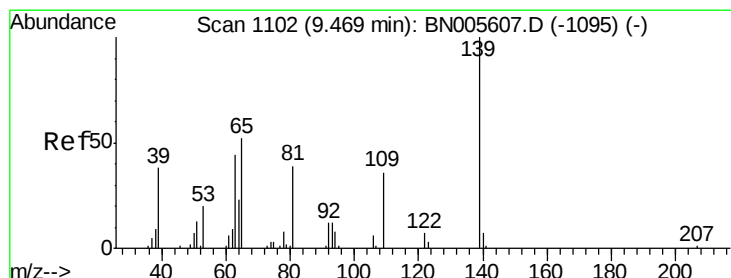
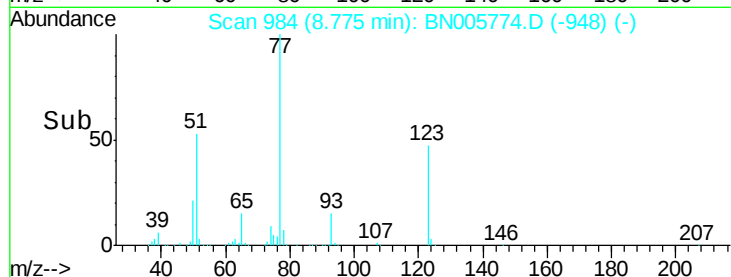
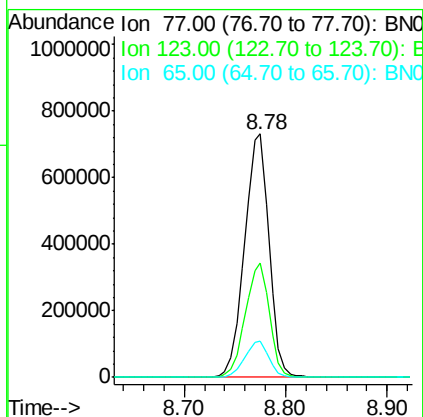
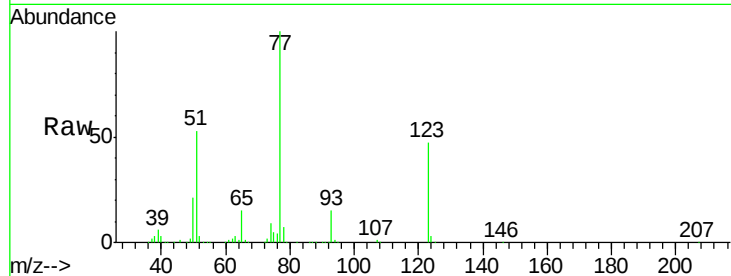




#20
Nitrobenzene
Concen: 163.925 ng/ul
RT: 8.78 min Scan# 984
Delta R.T. 0.01 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

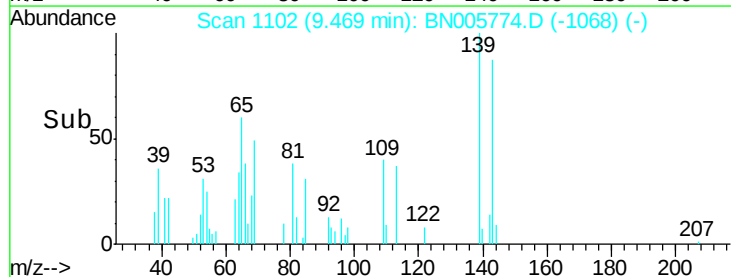
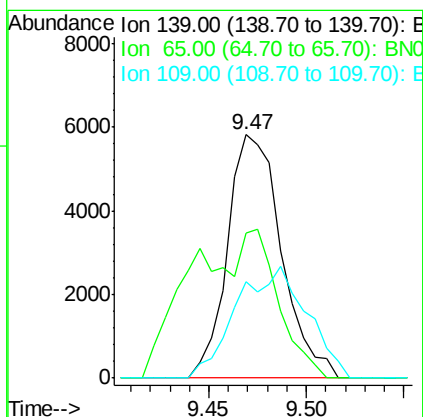
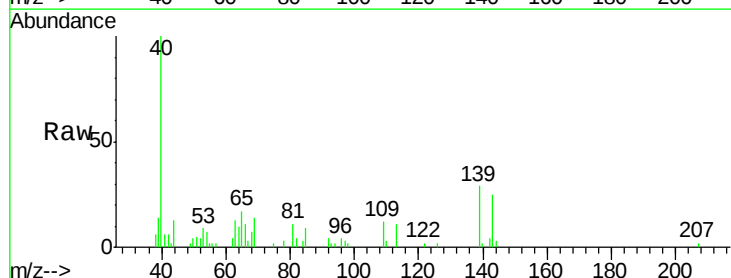
Instrument :
BNA_N
ClientSampled :
C0C31

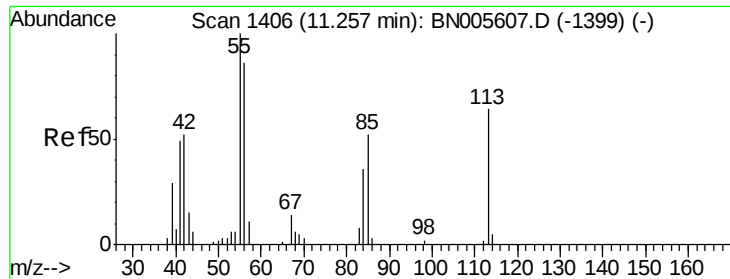
Tgt Ion: 77 Resp: 1225221
Ion Ratio Lower Upper
77 100
123 46.8 32.6 49.0
65 14.7 11.6 17.4



#23
2-Nitrophenol
Concen: 2.866 ng/ul
RT: 9.47 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Tgt Ion: 139 Resp: 11142
Ion Ratio Lower Upper
139 100
65 59.6 44.2 66.4
109 39.6 26.8 40.2





#32

Caprolactam

Concen: 13.094 ng/ul

RT: 11.16 min Scan# 1390

Delta R.T. -0.11 min

Lab File: BN005774.D

Acq: 19 May 2019 04:00

Instrument :

BNA_N

ClientSampleId :

C0C31

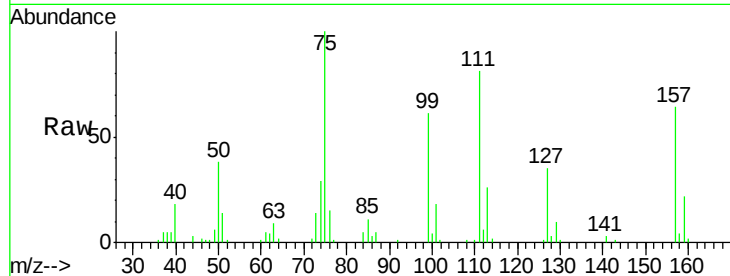
Tgt Ion:113 Resp: 32893

Ion Ratio Lower Upper

113 100

55 0.0 157.0 235.4#

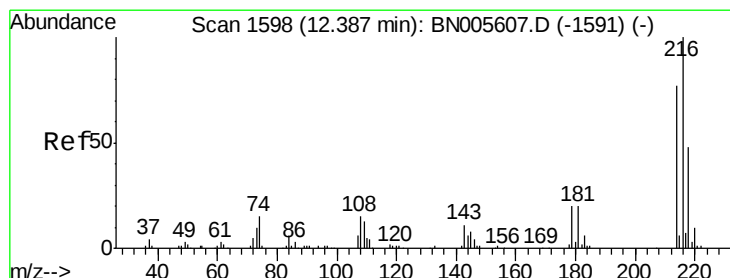
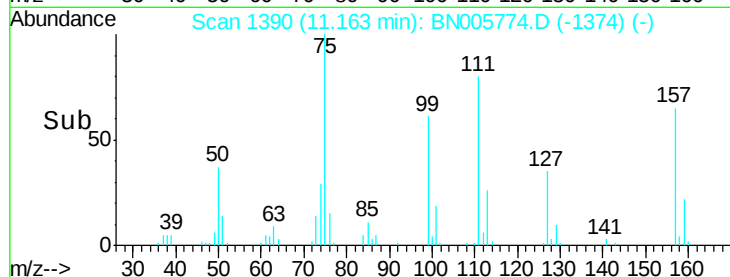
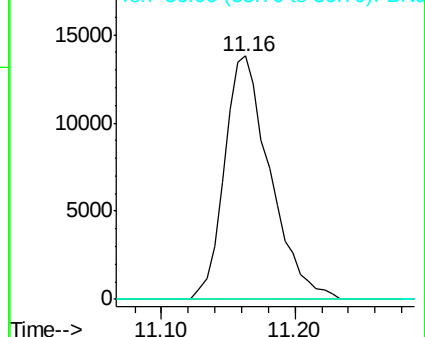
56 0.0 119.1 178.7#



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: 48.700 ng/ul

RT: 12.39 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BN005774.D

Acq: 19 May 2019 04:00

Tgt Ion:216 Resp: 438044

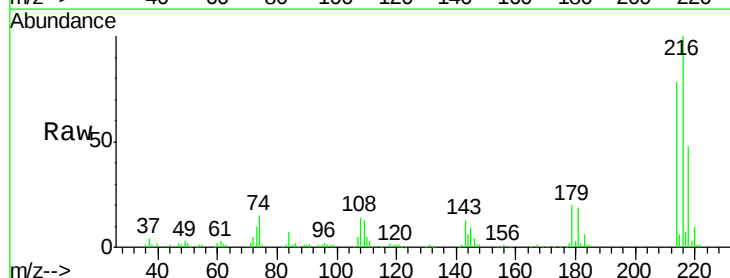
Ion Ratio Lower Upper

216 100

214 78.3 64.1 96.1

179 20.2 17.4 26.0

108 14.2 13.7 20.5

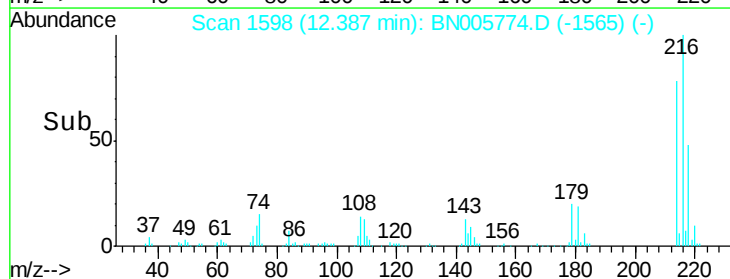
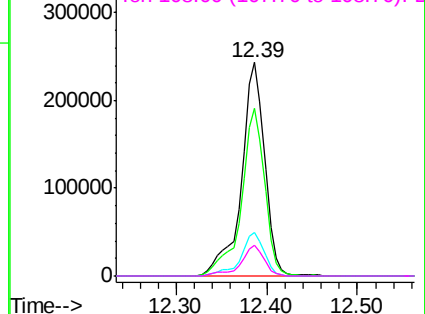


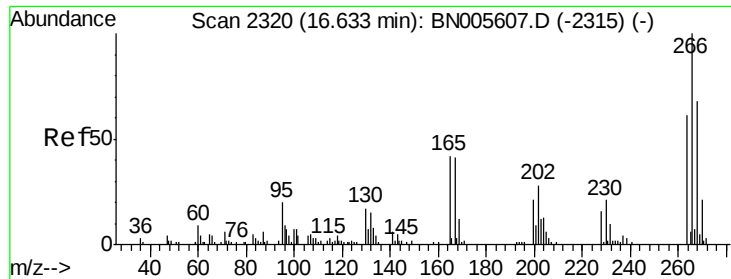
Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.092 ng/ul

RT: 16.66 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BN005774.D

Acq: 19 May 2019 04:00

Instrument :

BNA_N

ClientSampleId :

C0C31

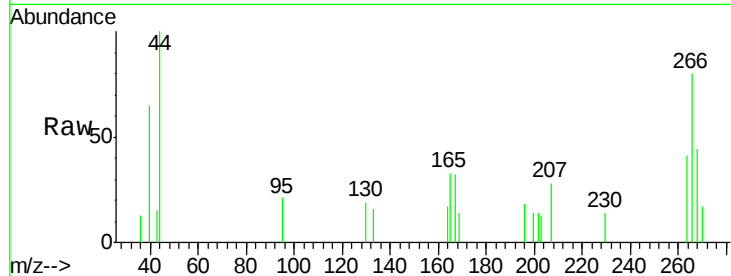
Tgt Ion:266 Resp: 4114

Ion Ratio Lower Upper

266 100

264 51.2 49.7 74.5

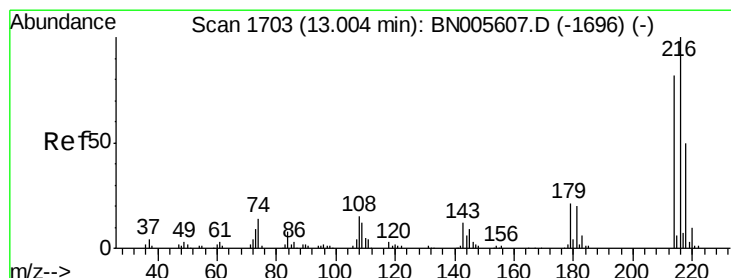
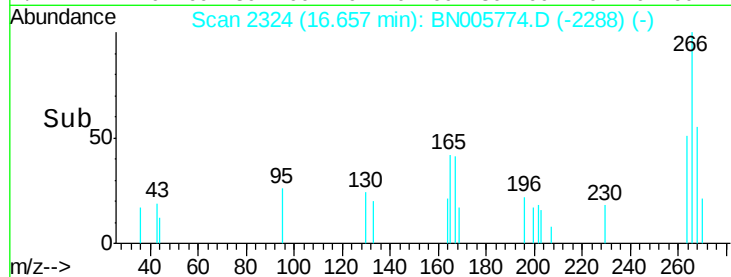
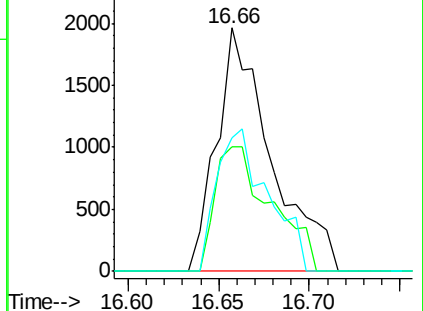
268 54.8 52.4 78.6



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: 129.987 ng/uL

RT: 13.00 min Scan# 1703

Delta R.T. -0.00 min

Lab File: BN005774.D

Acq: 19 May 2019 04:00

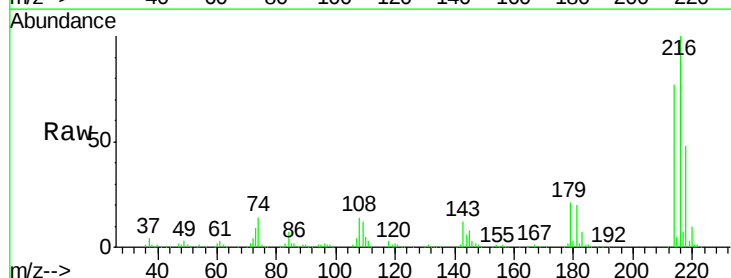
Tgt Ion:216 Resp: 1211097

Ion Ratio Lower Upper

216 100

214 77.1 60.8 91.2

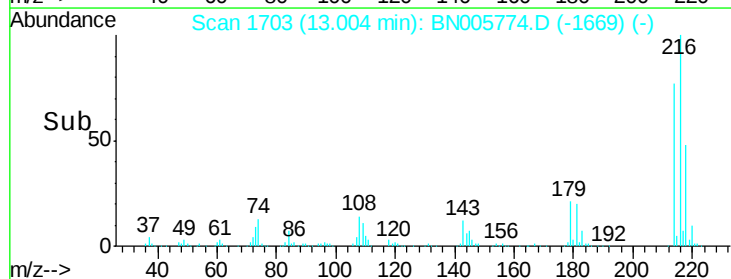
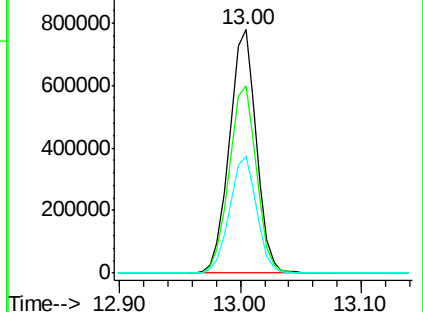
218 48.0 38.6 58.0

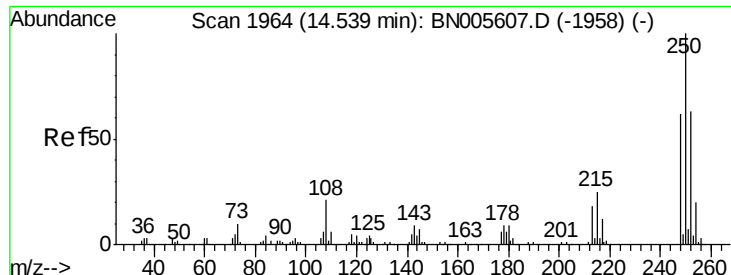


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 3.456 ng/uL

RT: 14.55 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BN005774.D

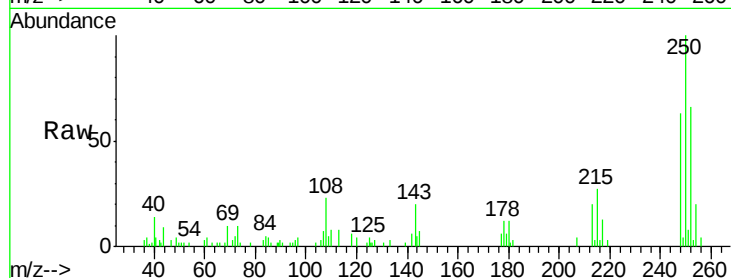
Acq: 19 May 2019 04:00

Instrument :

BNA_N

ClientSampleId :

C0C31



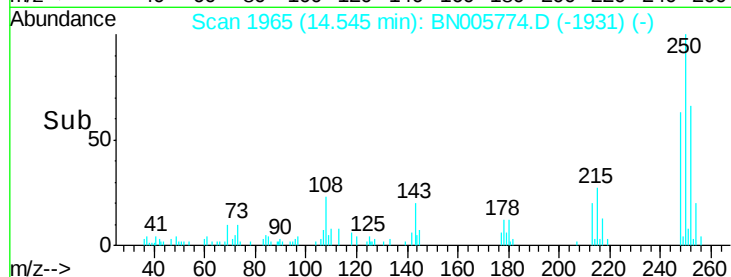
Tgt Ion:250 Resp: 31759

Ion Ratio Lower Upper

250 100

248 62.9 50.6 75.8

252 65.7 51.8 77.8



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

