

Data File : BN008566.D
Acq On : 14 Nov 2019 20:55
Operator : JU
Sample : K5739-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CQ9

Quant Time: Nov 15 04:31:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 04:28:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	239162	20.00	ng/ul	0.02
18) Naphthalene-d8	10.42	136	1045668	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.26	164	688011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1446660	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1355286	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	1408531	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	42501	7.21	ng/uL	0.00
5) Phenol-d5	6.82	99	193579	9.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	515555	40.12	ng/ul	0.01
9) 2-Chlorophenol-d4	7.18	132	555907	34.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	353155	21.66	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	335107	47.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	378925	56.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	662315	38.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	52668	2.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	2229877	40.95	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2530973	40.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	87454	10.36	ng/ul	-0.01
57) Fluorene-d10	15.26	176	1867546	41.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	297476	53.87	ng/ul	0.00
70) Anthracene-d10	17.10	188	3014594	43.97	ng/ul	0.00
78) Pyrene-d10	19.40	212	3342525	43.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	3286256	44.92	ng/ul	0.00

Target Compounds

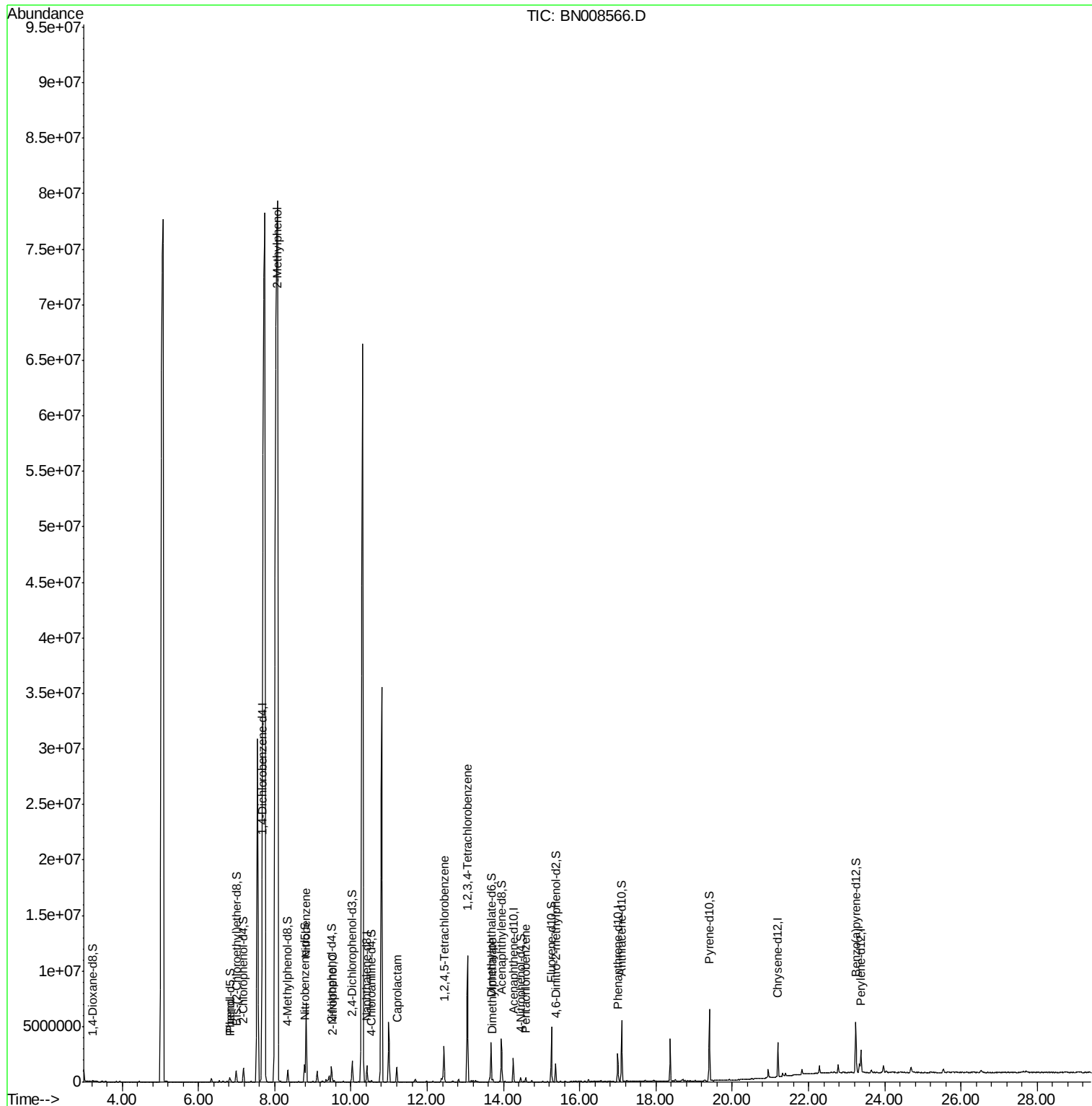
					Qvalue
6) Phenol	6.85	94	48206	2.225	ng/ul 100
11) 2-Methylphenol	8.06	108	648915	39.942	ng/ul 97
20) Nitrobenzene	8.83	77	3552917	181.305	ng/ul 97
23) 2-Nitrophenol	9.52	139	27812	3.683	ng/ul# 92
32) Caprolactam	11.20	113	87476	15.862	ng/ul# 1
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	1109189	52.877	ng/ul 98
44) Dimethylphthalate	13.72	163	73939	1.402	ng/ul 99
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	3411375	170.338	ng/uL 98
73) Pentachlorobenzene	14.59	250	84607	4.325	ng/uL 99

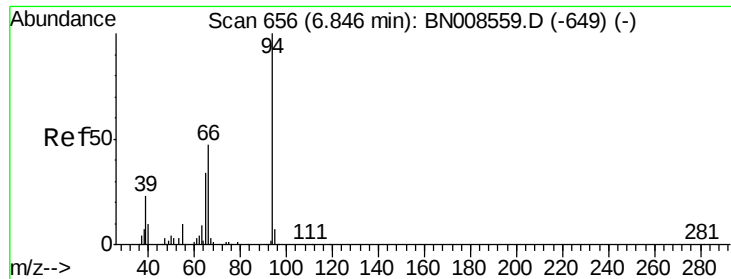
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.225 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BN008566.D

Acq: 14 Nov 2019 20:55

Instrument :

BNA_N

ClientSampleId :

C0CQ9

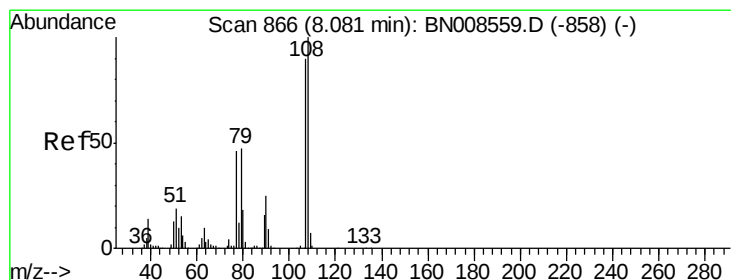
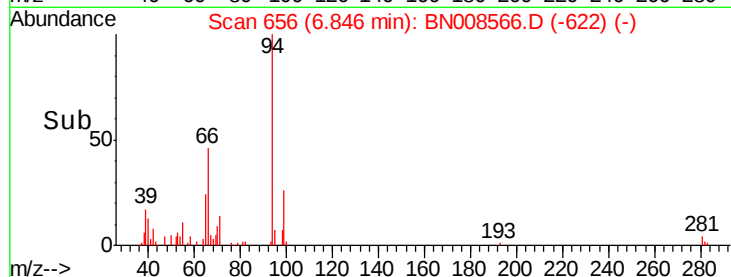
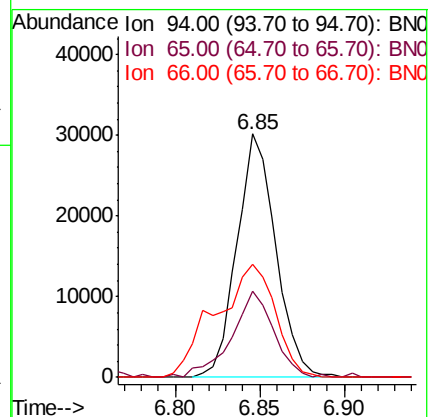
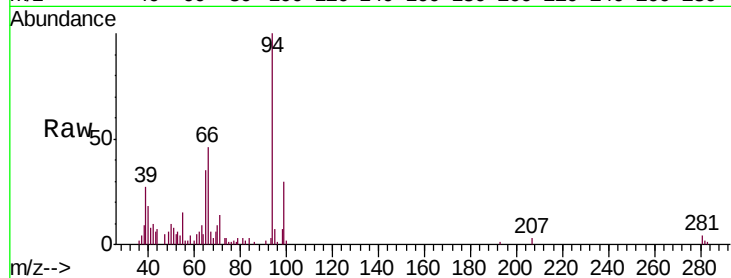
Tgt Ion: 94 Resp: 48206

Ion Ratio Lower Upper

94 100

65 35.2 27.7 41.5

66 46.2 37.0 55.6



#11

2-Methylphenol

Concen: 39.942 ng/ul

RT: 8.06 min Scan# 862

Delta R.T. -0.02 min

Lab File: BN008566.D

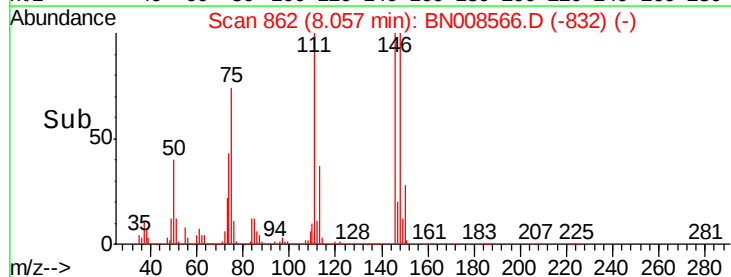
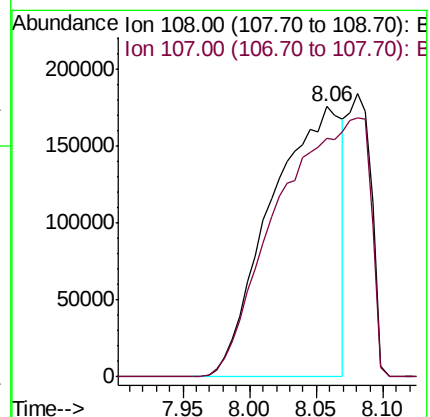
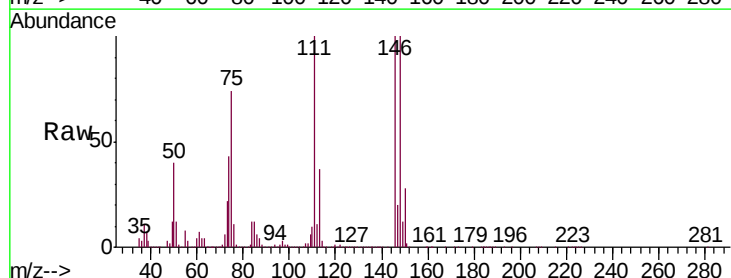
Acq: 14 Nov 2019 20:55

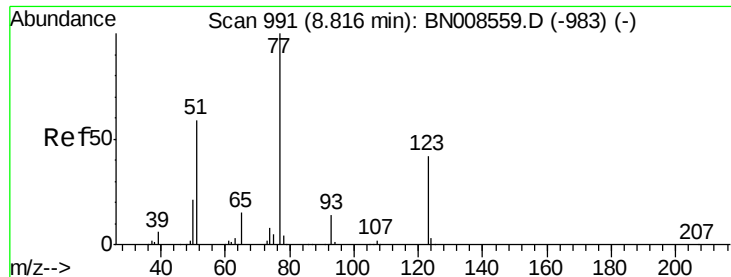
Tgt Ion: 108 Resp: 648915

Ion Ratio Lower Upper

108 100

107 88.2 72.5 108.7

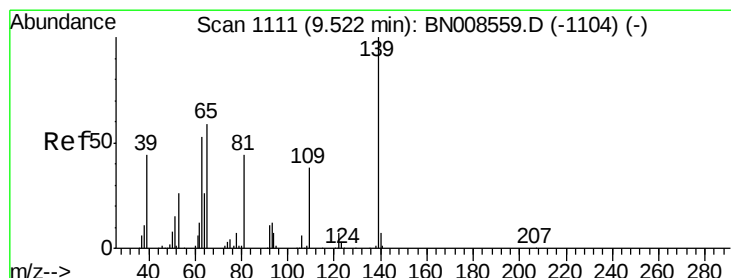
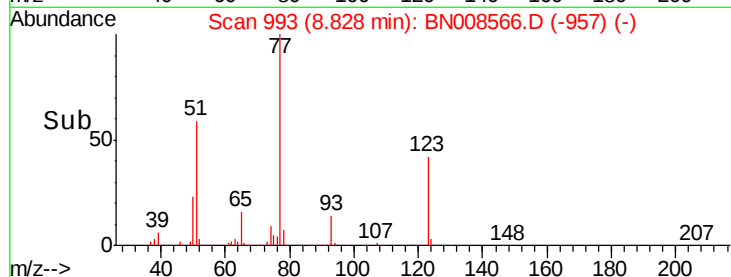
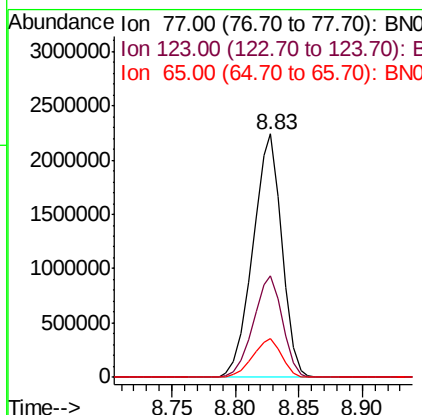
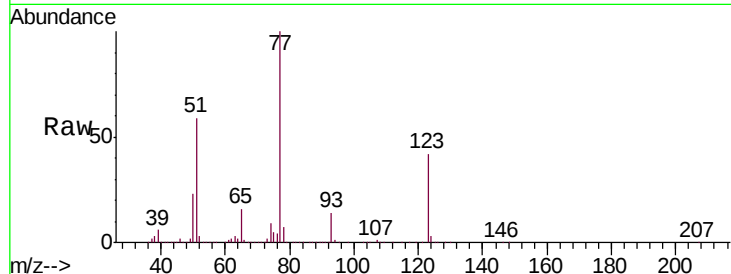




#20
Nitrobenzene
Concen: 181.305 ng/ul
RT: 8.83 min Scan# 993
Delta R.T. 0.01 min
Lab File: BN008566.D
Acq: 14 Nov 2019 20:55

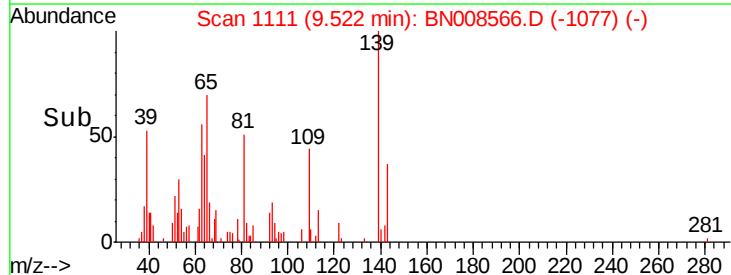
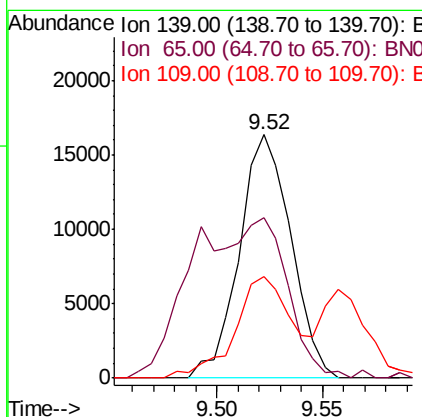
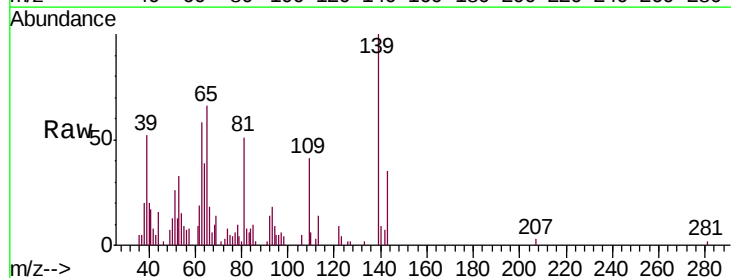
Instrument :
BNA_N
ClientSampled :
C0CQ9

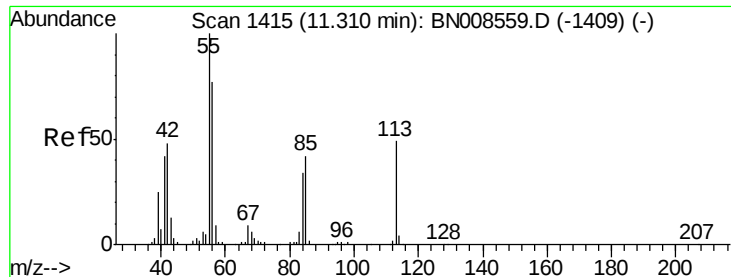
Tgt Ion: 77 Resp: 3552917
Ion Ratio Lower Upper
77 100
123 41.9 31.3 46.9
65 15.7 12.5 18.7



#23
2-Nitrophenol
Concen: 3.683 ng/ul
RT: 9.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BN008566.D
Acq: 14 Nov 2019 20:55

Tgt Ion: 139 Resp: 27812
Ion Ratio Lower Upper
139 100
65 65.7 49.8 74.6
109 41.5 26.8 40.2#





#32

Caprolactam

Concen: 15.862 ng/ul

RT: 11.20 min Scan# 1397

Delta R.T. -0.11 min

Lab File: BN008566.D

Acq: 14 Nov 2019 20:55

Instrument :

BNA_N

ClientSampleId :

C0CQ9

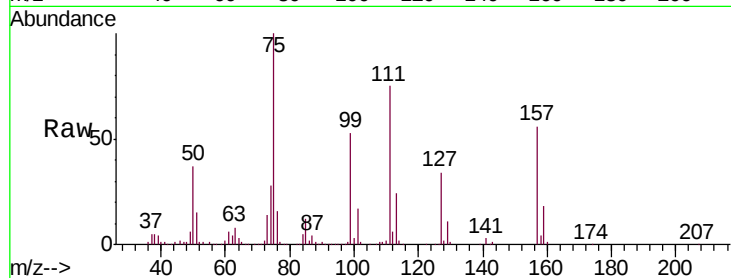
Tgt Ion:113 Resp: 87476

Ion Ratio Lower Upper

113 100

55 2.7 163.8 245.8#

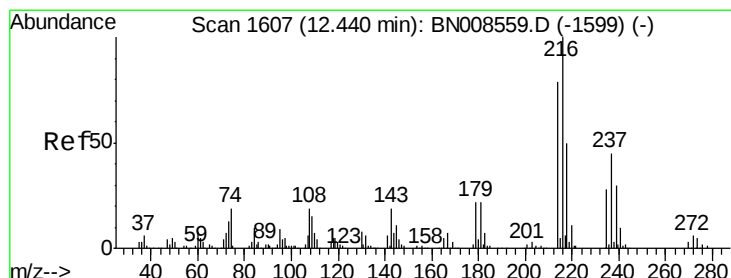
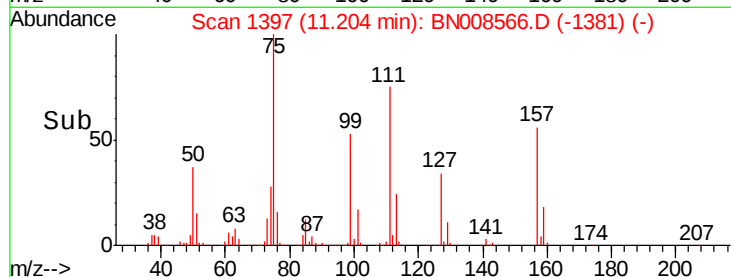
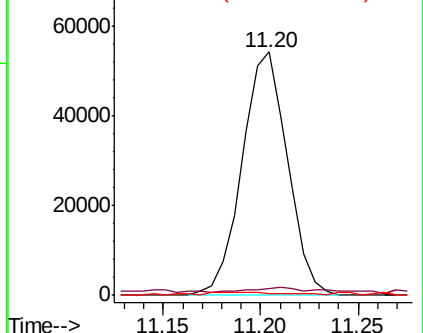
56 0.9 133.5 200.3#



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: 52.877 ng/ul

RT: 12.45 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BN008566.D

Acq: 14 Nov 2019 20:55

Tgt Ion:216 Resp: 1109189

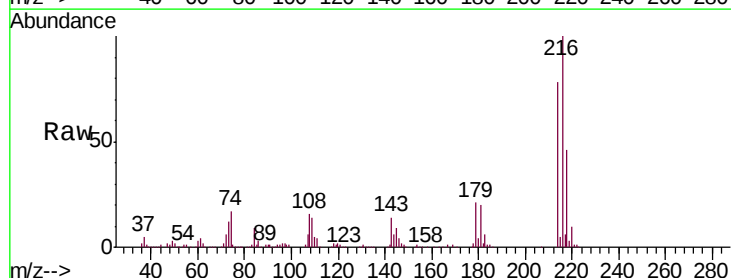
Ion Ratio Lower Upper

216 100

214 78.5 63.9 95.9

179 21.1 17.3 25.9

108 16.0 15.5 23.3

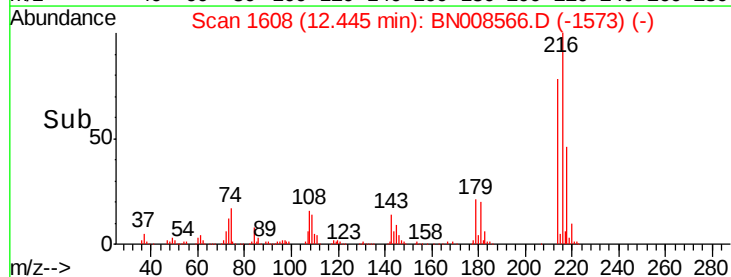
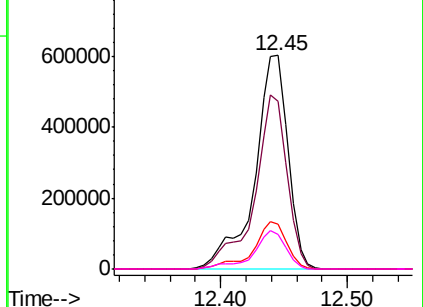


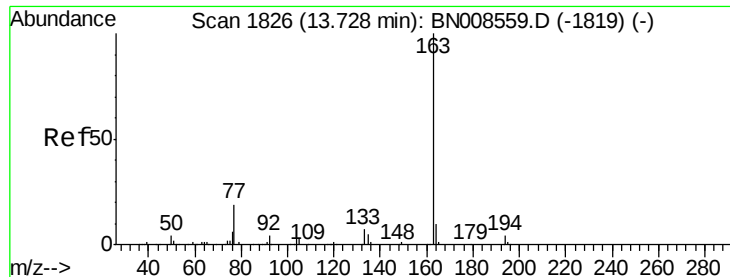
Abundance Ion 216.00 (215.70 to 216.70): E

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





#44

Dimethylphthalate

Concen: 1.402 ng/uL

RT: 13.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BN008566.D

Acq: 14 Nov 2019 20:55

Instrument :

BNA_N

ClientSampleId :

C0CQ9

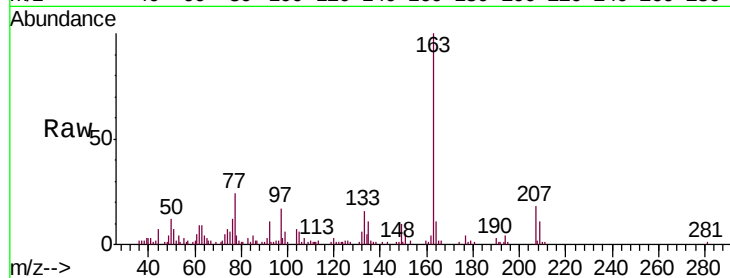
Tgt Ion:163 Resp: 73939

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

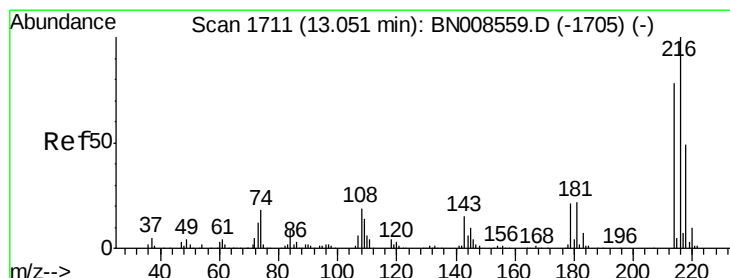
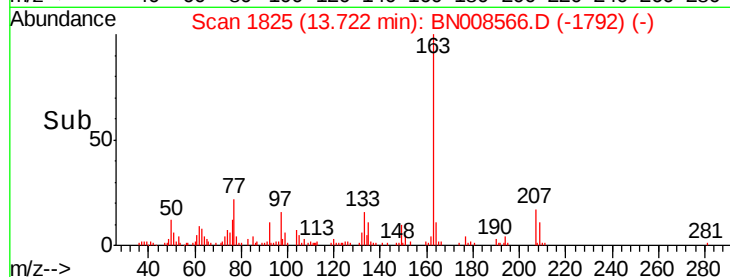
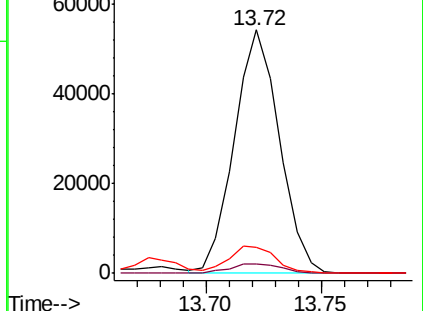
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 170.338 ng/uL

RT: 13.06 min Scan# 1712

Delta R.T. 0.01 min

Lab File: BN008566.D

Acq: 14 Nov 2019 20:55

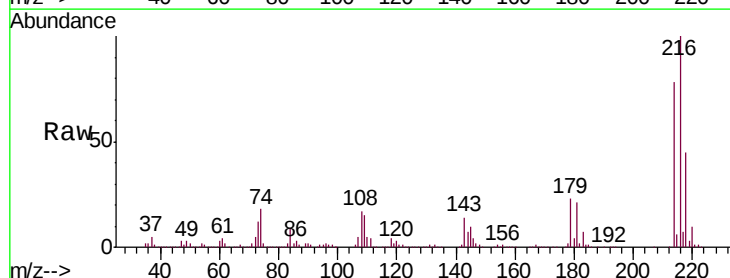
Tgt Ion:216 Resp: 3411375

Ion Ratio Lower Upper

216 100

214 78.1 62.1 93.1

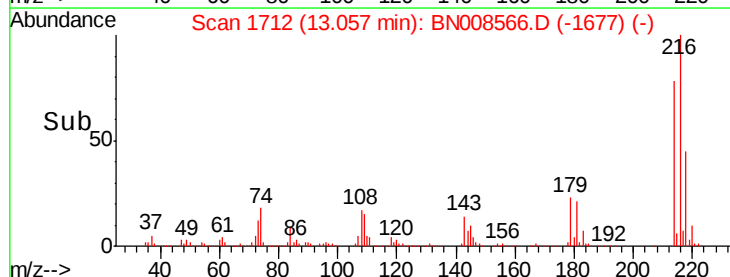
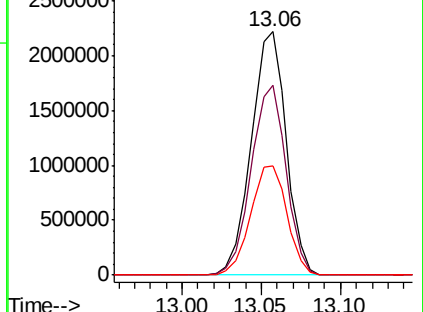
218 44.6 37.4 56.0

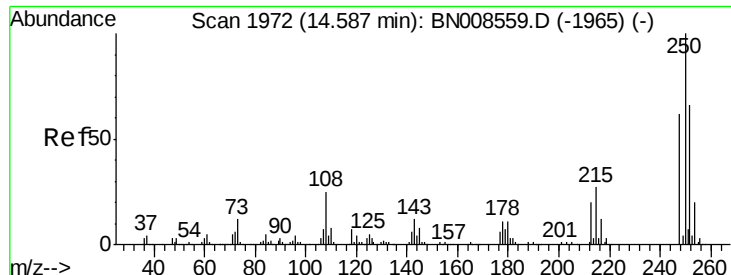


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

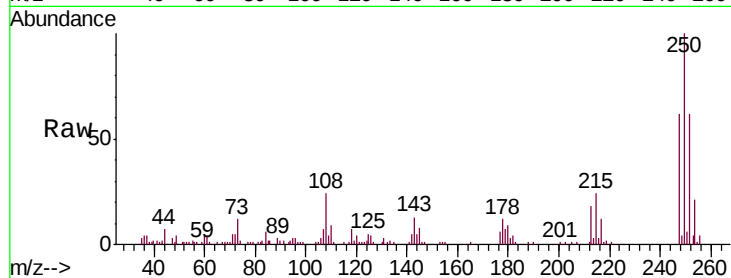




#73
 Pentachlorobenzene
 Concen: 4.325 ng/uL
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BN008566.D
 Acq: 14 Nov 2019 20:55

Instrument :
 BNA_N
 ClientSampleId :
 C0CQ9

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.2	49.3	73.9
252	62.1	48.6	73.0



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

