

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006431.D
 Acq On : 20 Jun 2019 16:30
 Operator : JU/SJ
 Sample : K3335-15MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Z6MS

Quant Time: Jun 20 17:27:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 07:11:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	212977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1016670	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	635772	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1456614	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1477735	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	1730596	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	20388	3.74	ng/uL	0.00
5) Phenol-d5	6.80	99	380495	16.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	299001	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	299426	17.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	319693	17.77	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	166624	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	173097	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	288312	16.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	425964	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1307327	23.46	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1315546	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	153914	16.17	ng/ul	0.00
57) Fluorene-d10	15.28	176	1006901	21.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	141597	15.36	ng/ul	0.00
70) Anthracene-d10	17.13	188	1467708	20.01	ng/ul	0.00
78) Pyrene-d10	19.45	212	1617526	18.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1765165	18.06	ng/ul	0.02

Target Compounds

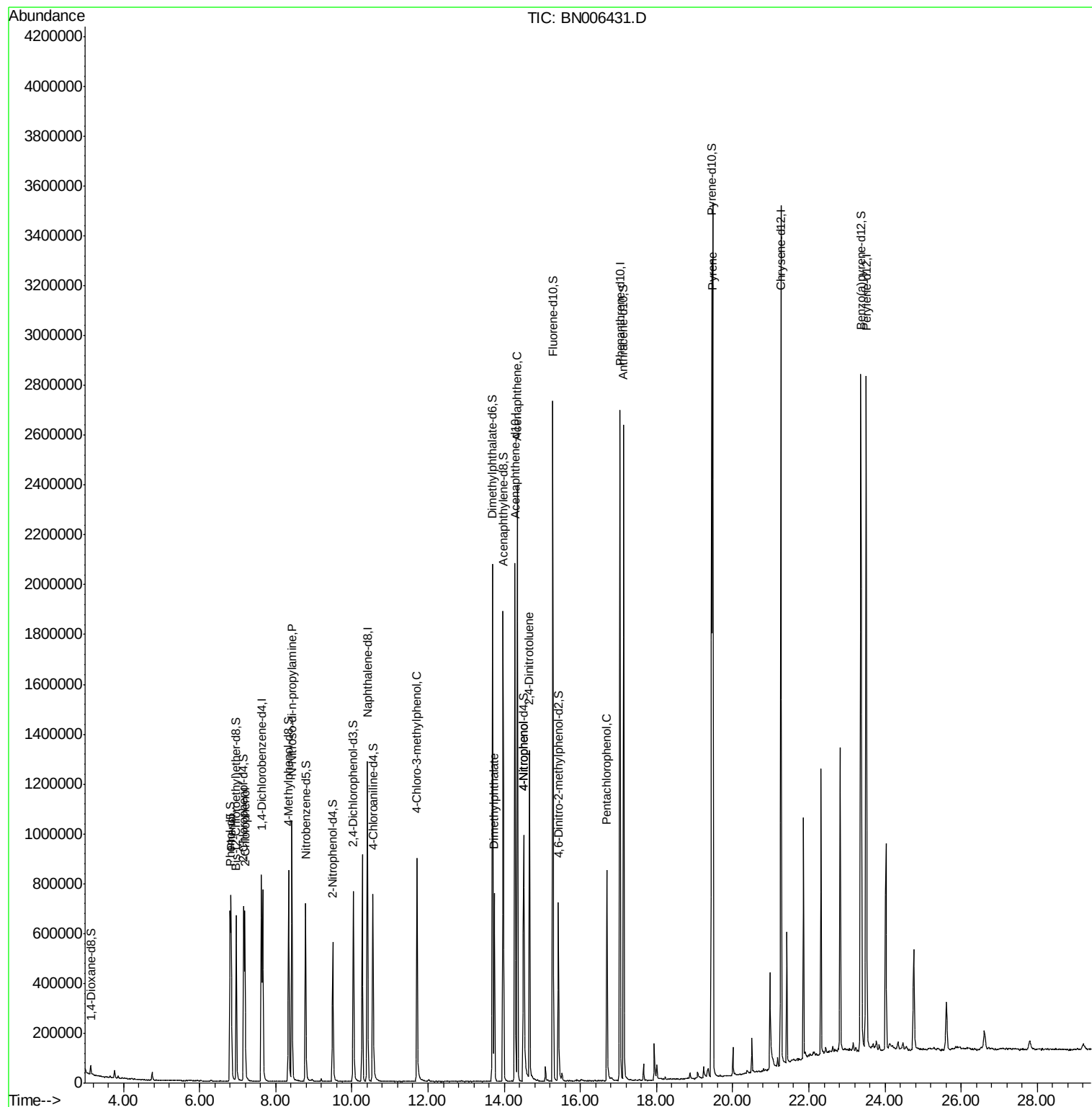
					Ovalue
6) Phenol	6.83	94	392446	17.950	ng/ul 99
10) 2-Chlorophenol	7.19	128	291070	18.167	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.43	70	352690	24.328	ng/ul 99
33) 4-Chloro-3-methylphenol	11.70	107	350449	18.705	ng/ul 99
44) Dimethylphthalate	13.74	163	449896	8.758	ng/ul 100
49) Acenaphthene	14.35	153	890428	20.645	ng/ul 99
52) 4-Nitrophenol	14.52	109	131513	19.746	ng/ul 99
54) 2,4-Dinitrotoluene	14.67	165	354581	24.598	ng/ul 92
68) Pentachlorophenol	16.70	266	150364	18.445	ng/ul 99
79) Pyrene	19.48	202	2007318	19.951	ng/ul 99

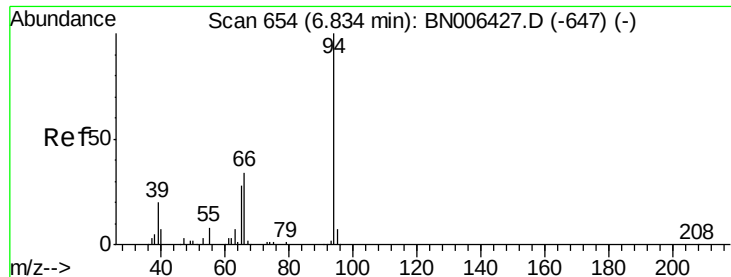
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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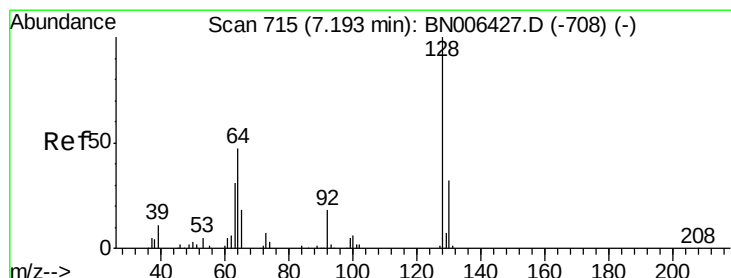
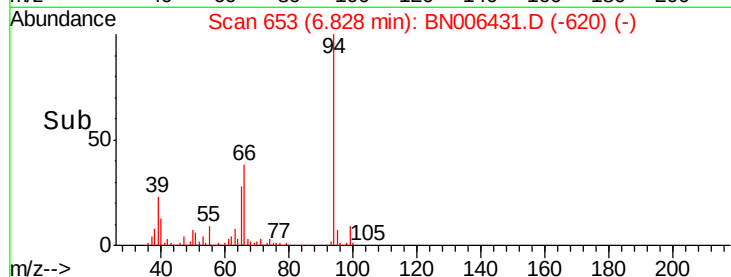
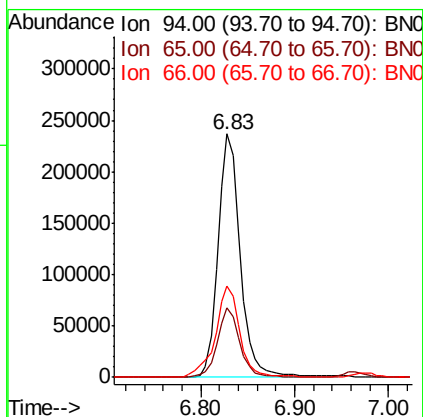
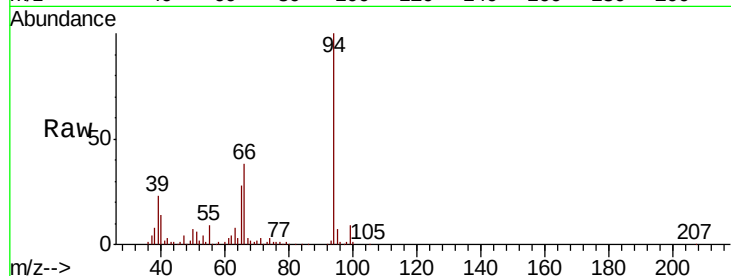
#6

Phenol

Concen: 17.950 ng/ul
 RT: 6.83 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BN006431.D
 Acq: 20 Jun 2019 16:30

Instrument :
 BNA_N
 ClientSampleId :
 A41Z6MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.5	22.5	33.7
66	37.5	29.5	44.3

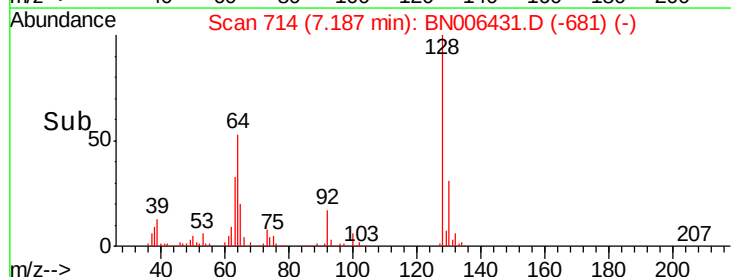
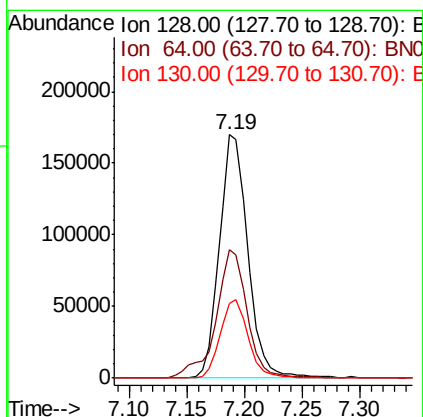
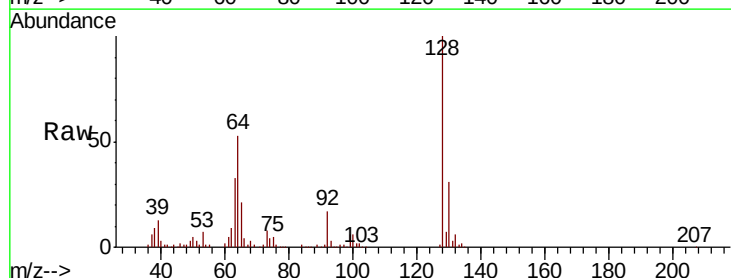


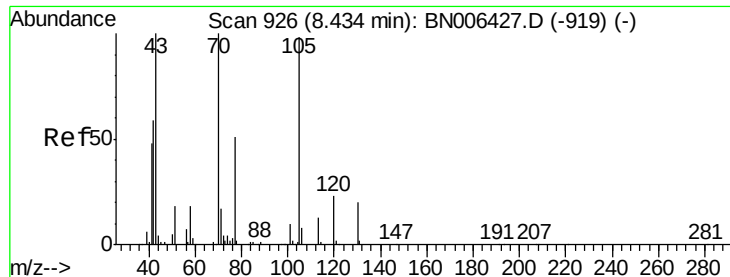
#10

2-Chlorophenol

Concen: 18.167 ng/ul
 RT: 7.19 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BN006431.D
 Acq: 20 Jun 2019 16:30

Tgt Ion	Ratio	Lower	Upper
128	100		
64	52.7	42.4	63.6
130	30.8	26.6	39.8

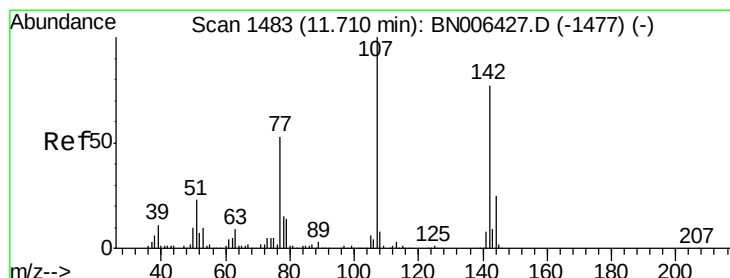
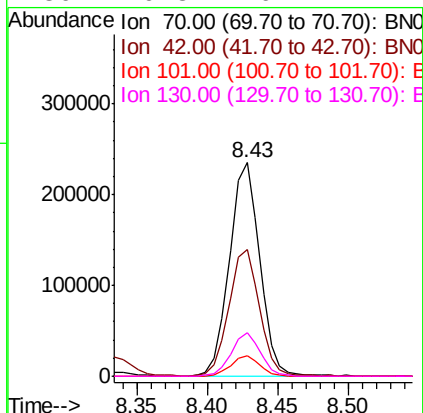
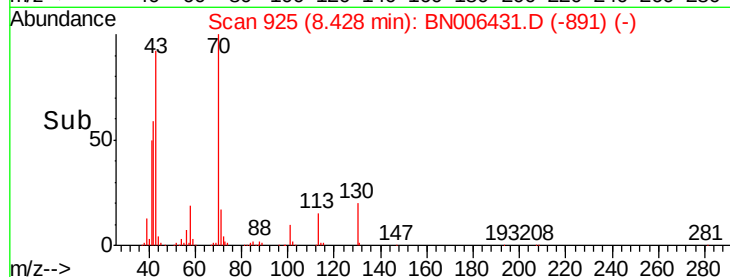
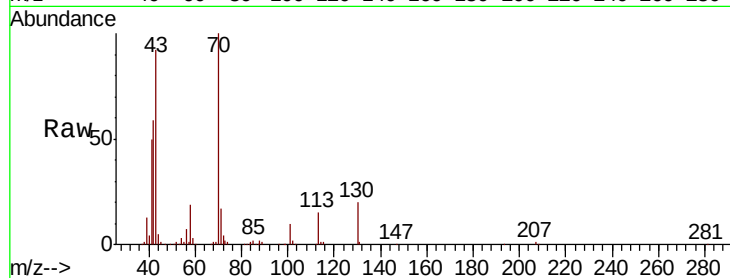




#15
N-Nitroso-di-n-propylamine
Concen: 24.328 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BN006431.D
Acq: 20 Jun 2019 16:30

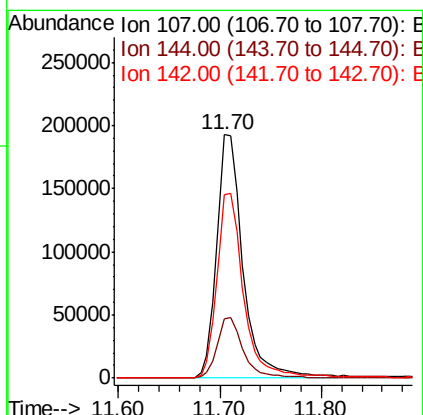
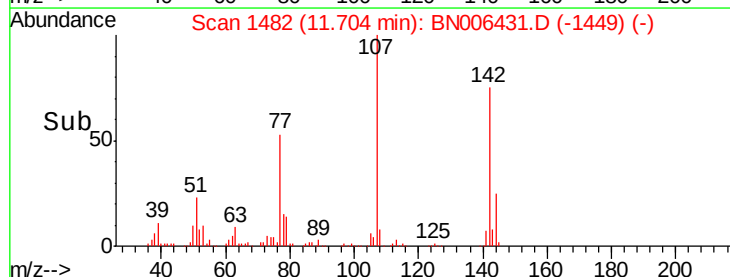
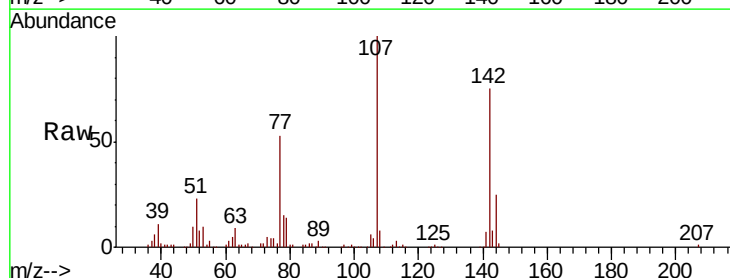
Instrument :
BNA_N
ClientSampleId :
A41Z6MS

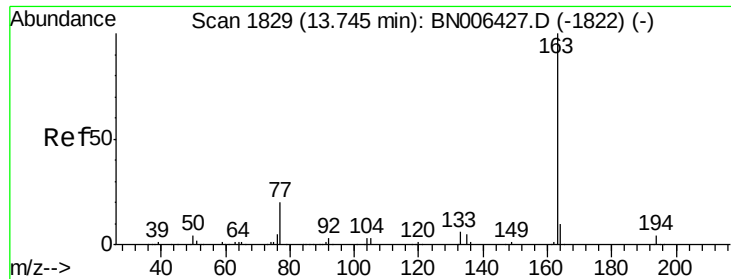
Tot Ion: 70 Resp: 352690
Ion Ratio Lower Upper
70 100
42 59.4 48.0 72.0
101 9.9 7.4 11.0
130 20.3 16.1 24.1



#33
4-Chloro-3-methylphenol
Concen: 18.705 ng/ul
RT: 11.70 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN006431.D
Acq: 20 Jun 2019 16:30

Tgt Ion: 107 Resp: 350449
Ion Ratio Lower Upper
107 100
144 24.6 20.7 31.1
142 75.3 60.8 91.2





#44

Dimethylphthalate

Concen: 8.758 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN006431.D

Acq: 20 Jun 2019 16:30

Instrument :

BNA_N

ClientSampleId :

A41Z6MS

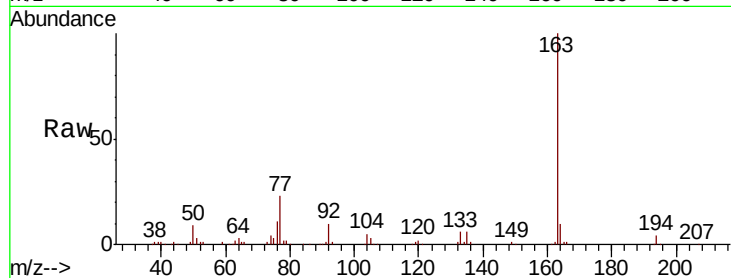
Tot Ion:163 Resp: 449896

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

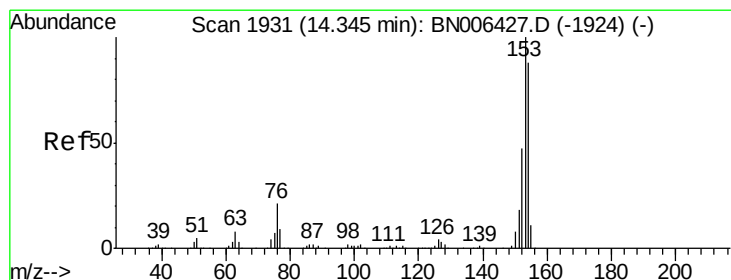
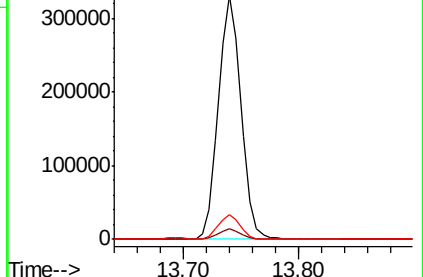
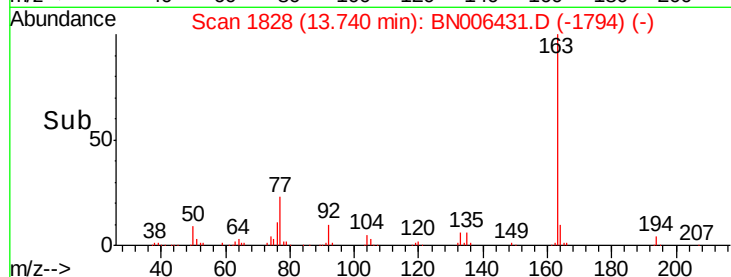
164 10.1 8.0 12.0



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



#49

Acenaphthene

Concen: 20.645 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN006431.D

Acq: 20 Jun 2019 16:30

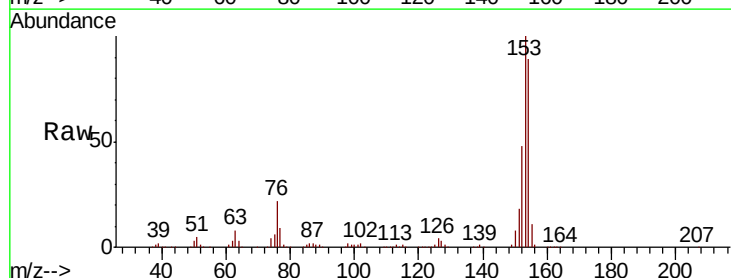
Tgt Ion:153 Resp: 890428

Ion Ratio Lower Upper

153 100

152 47.8 37.8 56.6

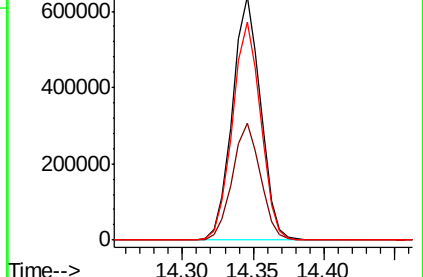
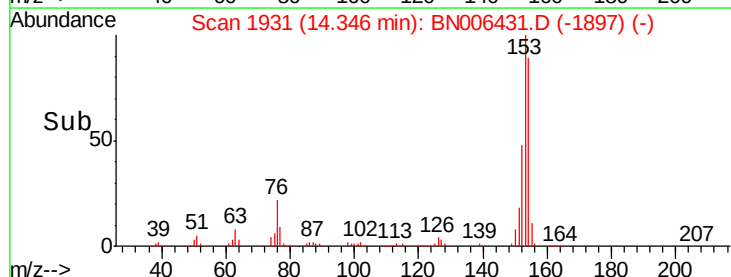
154 89.5 71.2 106.8

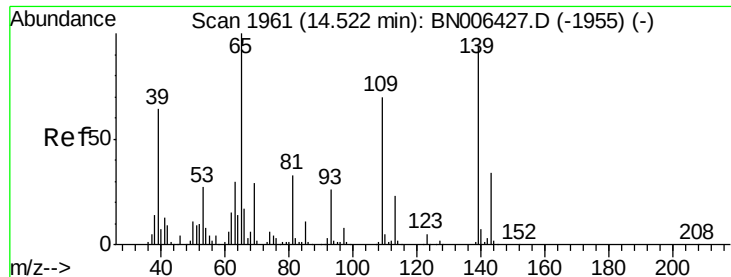


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

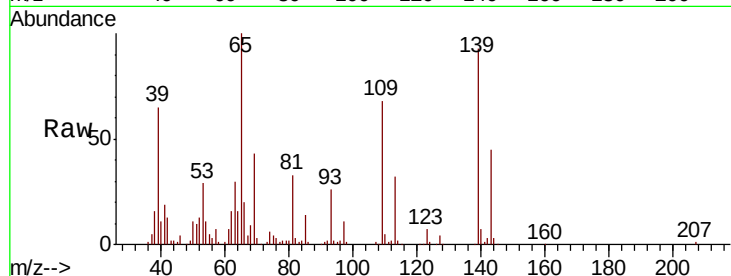




#52
4-Nitrophenol
Concen: 19.746 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BN006431.D
Acq: 20 Jun 2019 16:30

Instrument :
BNA_N
ClientSampleId :
A41Z6MS

Tot Ion	Ratio	Lower	Upper
109	100		
139	135.6	109.0	163.4
65	146.5	118.1	177.1

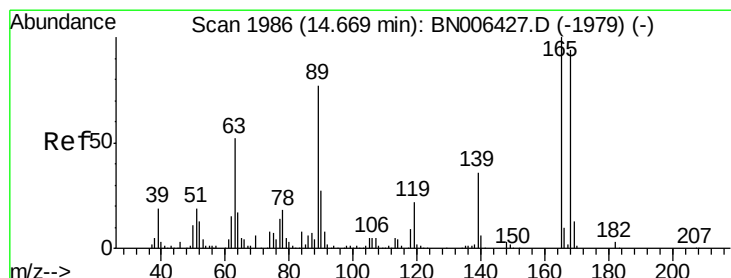
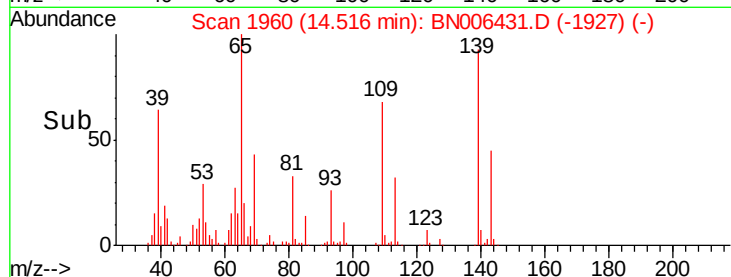
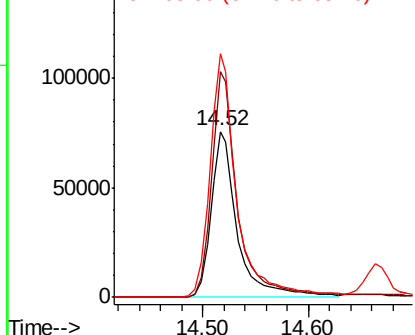


Abundance

Ion 109.00 (108.70 to 109.70): E

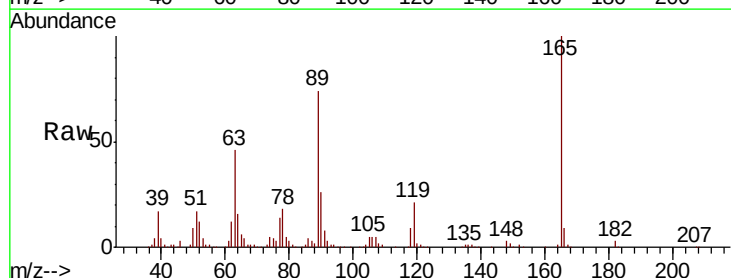
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#54
2,4-Dinitrotoluene
Concen: 24.598 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BN006431.D
Acq: 20 Jun 2019 16:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	41.7	62.5
182	2.7	2.2	3.4

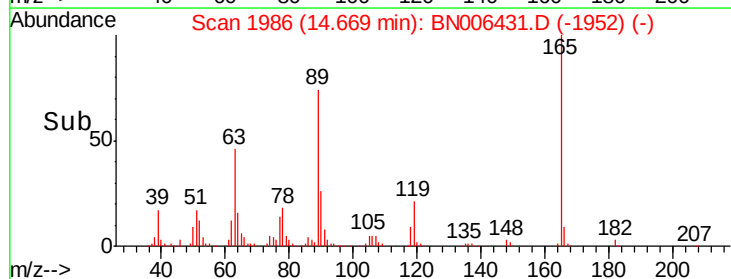
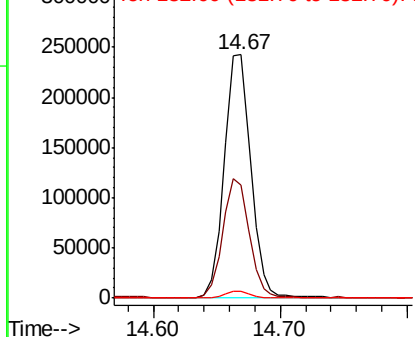


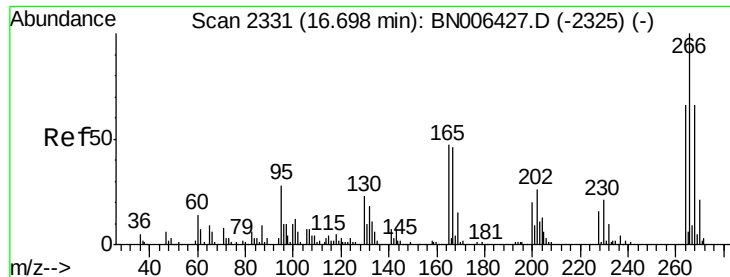
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

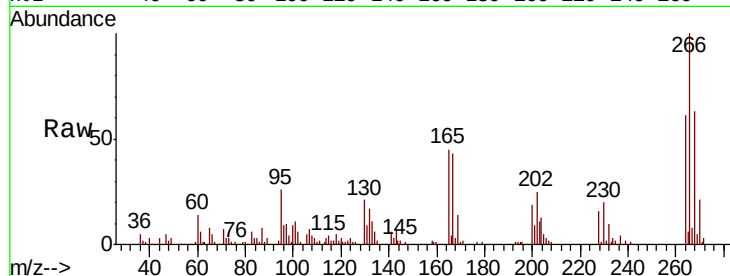




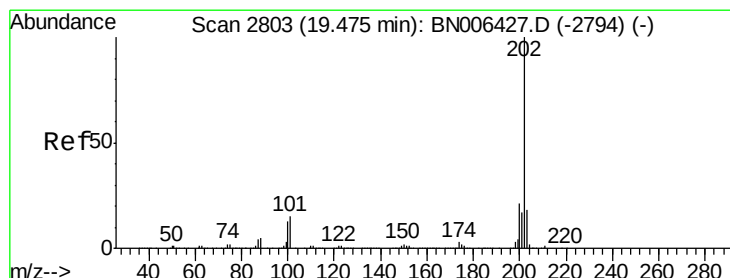
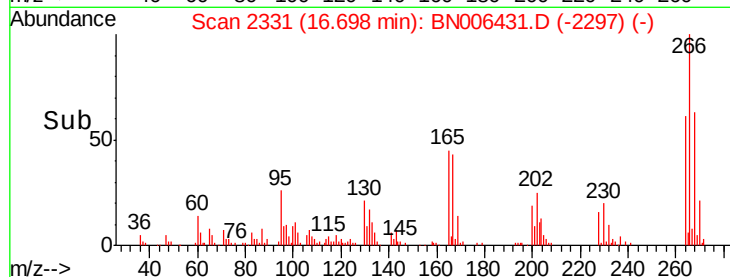
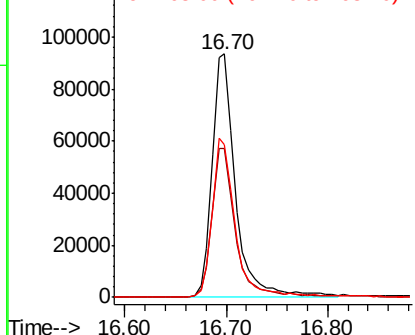
#68
 Pentachlorophenol
 Concen: 18.445 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BN006431.D
 Acq: 20 Jun 2019 16:30

Instrument :
 BNA_N
 ClientSampleId :
 A41Z6MS

Tot Ion:266 Resp: 150364
 Ion Ratio Lower Upper
 266 100
 264 61.1 47.8 71.6
 268 62.6 50.8 76.2

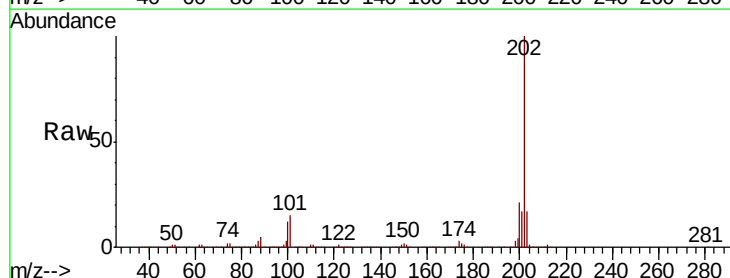


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 19.951 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BN006431.D
 Acq: 20 Jun 2019 16:30

Tgt Ion:202 Resp: 2007318
 Ion Ratio Lower Upper
 202 100
 101 14.7 12.2 18.4
 100 11.7 9.8 14.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

