

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007679.D
 Acq On : 16 Sep 2019 22:50
 Operator : HP/JU
 Sample : K4682-13MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 02:34:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	490080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2078223	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1356092	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	2918743	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	2951538	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	3095646	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	59355	4.60	ng/uL	0.00
5) Phenol-d5	6.88	99	441224	9.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	869635	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	983791	30.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	708621	19.93	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	584819	38.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	590094	40.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1141719	33.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	125769	2.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4249318	39.38	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	4440489	35.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	196201	10.22	ng/ul	0.00
57) Fluorene-d10	15.33	176	3574973	38.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	518838	32.94	ng/ul	0.00
70) Anthracene-d10	17.17	188	6072914	41.80	ng/ul	0.00
78) Pyrene-d10	19.47	212	7211903	45.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	7139894	44.33	ng/ul	0.00

Target Compounds

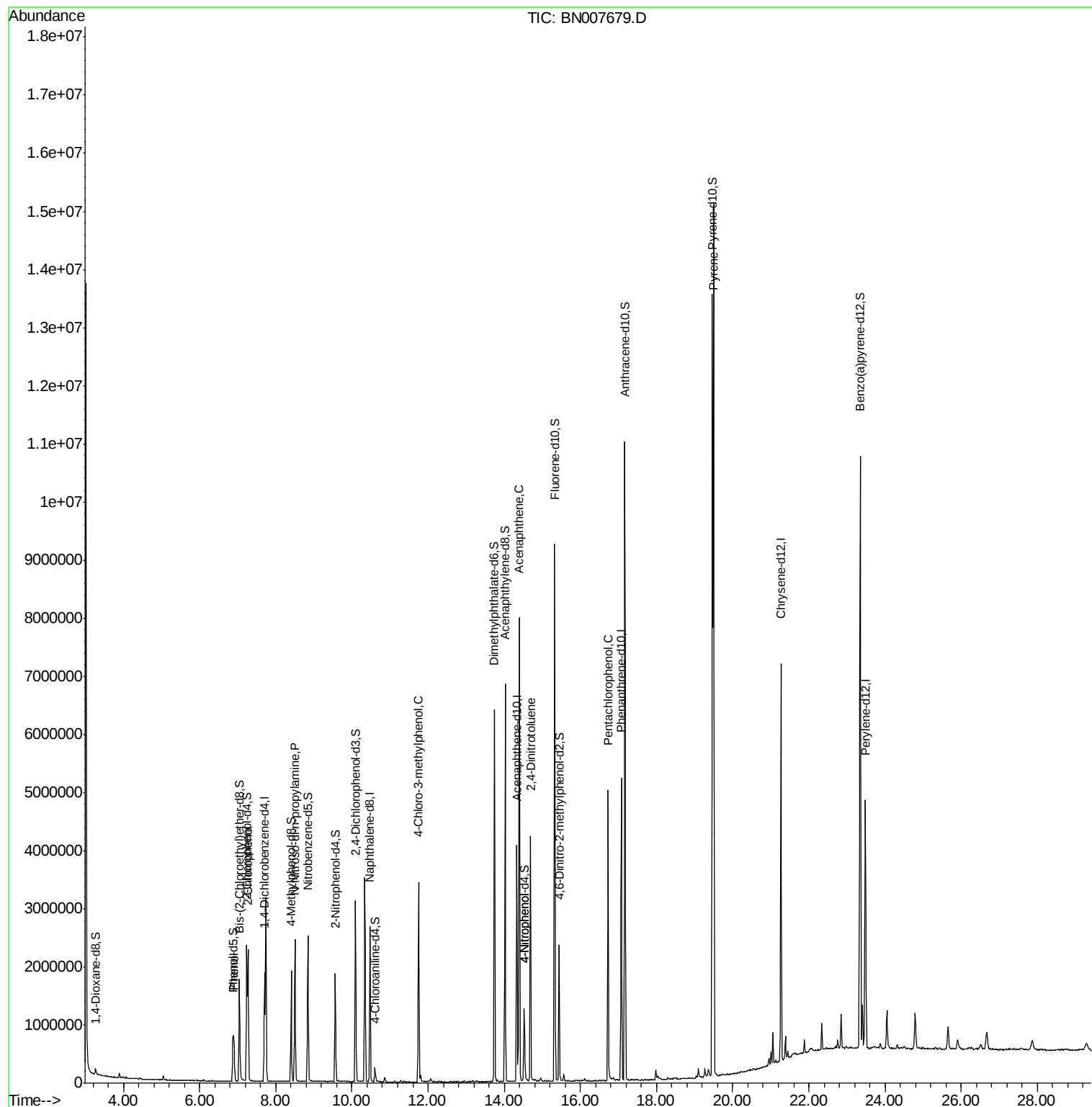
					Ovalue
6) Phenol	6.90	94	450659	8.888	ng/ul 98
10) 2-Chlorophenol	7.27	128	953916	26.794	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.50	70	1052184	33.619	ng/ul 96
33) 4-Chloro-3-methylphenol	11.75	107	1237432	30.787	ng/ul 100
49) Acenaphthene	14.39	153	3057085	33.383	ng/ul 98
52) 4-Nitrophenol	14.53	109	155833	9.893	ng/ul 98
54) 2,4-Dinitrotoluene	14.69	165	1171524	38.932	ng/ul 95
68) Pentachlorophenol	16.73	266	877680	41.409	ng/ul 99
79) Pvrene	19.50	202	8517782	43.339	ng/ul 100

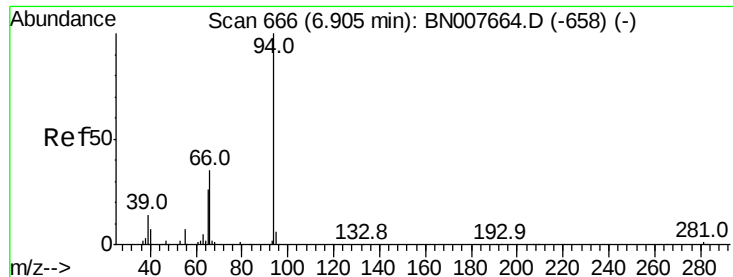
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration





#6

Phenol

Concen: 8.888 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN007679.D

Acq: 16 Sep 2019 22:50

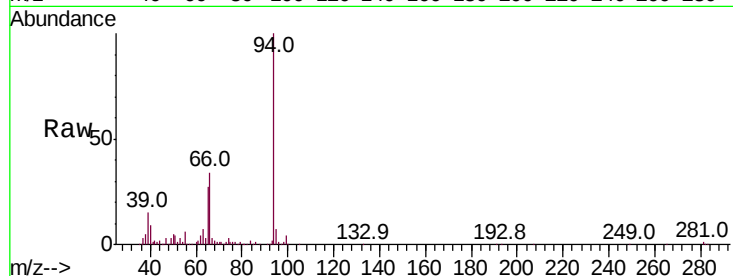
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 94 Resp: 450659

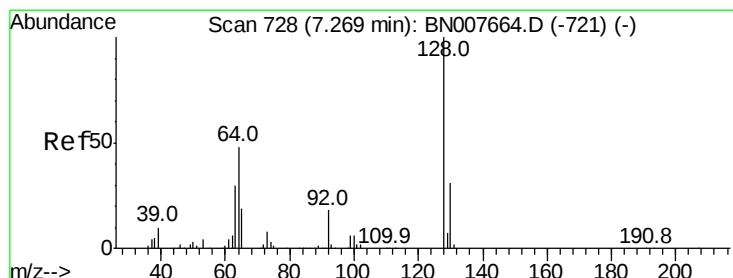
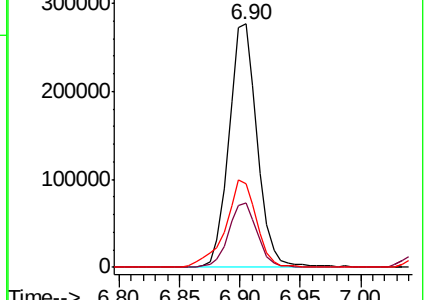
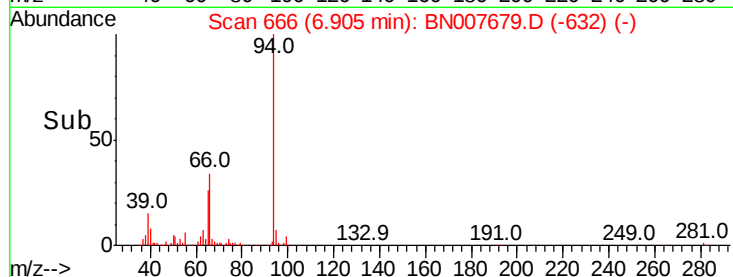
Ion	Ratio	Lower	Upper
94	100		
65	26.6	20.7	31.1
66	34.2	28.6	42.8



Abundance Ion 94.00 (93.70 to 94.70): BN007664.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN007664.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN007664.D (-658) (-)



#10

2-Chlorophenol

Concen: 26.794 ng/ul

RT: 7.27 min Scan# 728

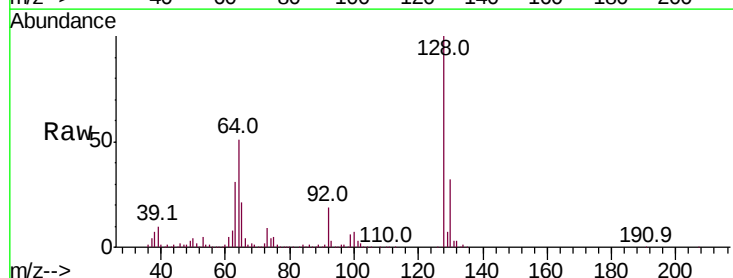
Delta R.T. -0.00 min

Lab File: BN007679.D

Acq: 16 Sep 2019 22:50

Tgt Ion: 128 Resp: 953916

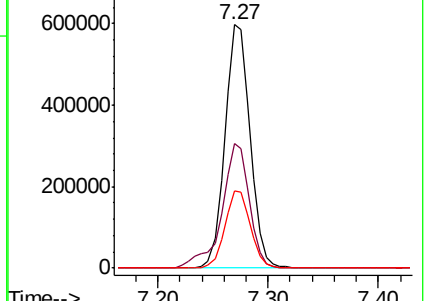
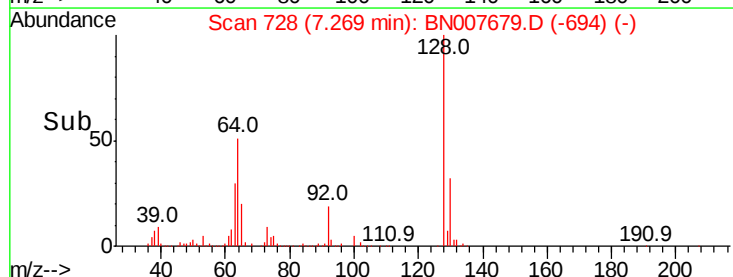
Ion	Ratio	Lower	Upper
128	100		
64	51.3	40.6	60.8
130	31.5	25.2	37.8

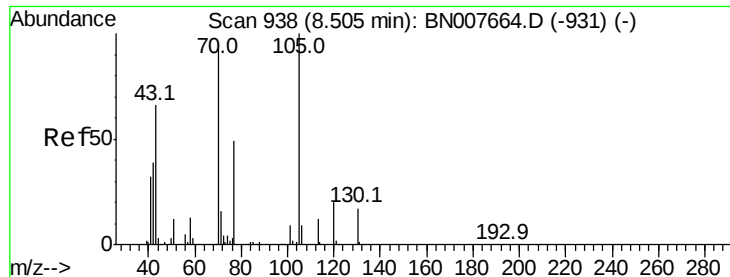


Abundance Ion 128.00 (127.70 to 128.70): BN007664.D (-721) (-)

Ion 64.00 (63.70 to 64.70): BN007664.D (-721) (-)

Ion 130.00 (129.70 to 130.70): BN007664.D (-721) (-)

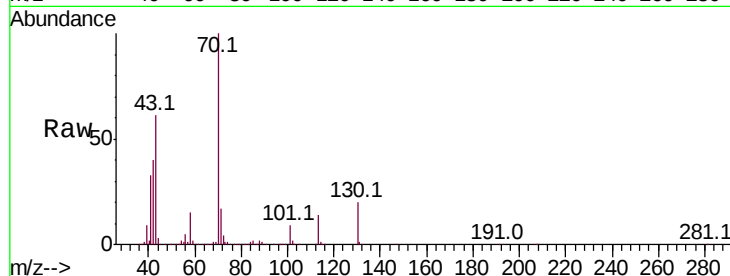




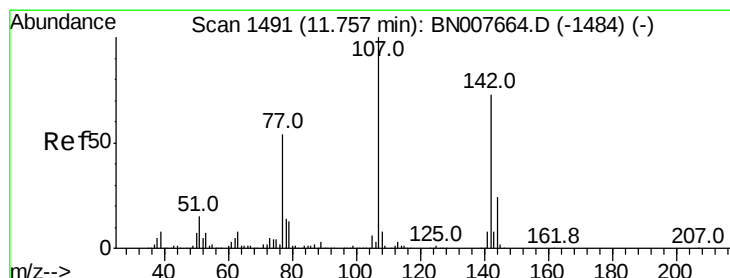
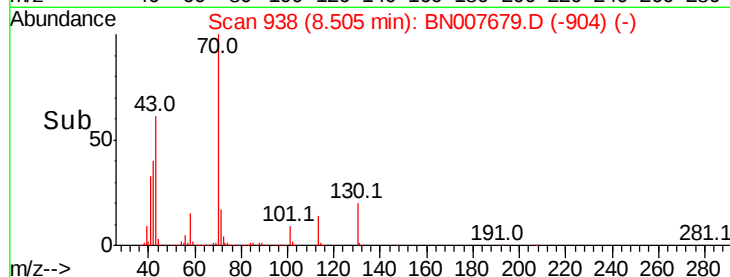
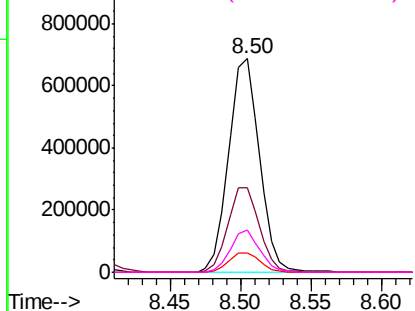
#15
N-Nitroso-di-n-propylamine
Concen: 33.619 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. -0.00 min
Lab File: BN007679.D
Acq: 16 Sep 2019 22:50

Instrument :
BNA_N
ClientSampled :

Tot Ion: 70 Resp: 1052184
Ion Ratio Lower Upper
70 100
42 39.6 34.1 51.1
101 9.0 7.5 11.3
130 19.6 14.9 22.3

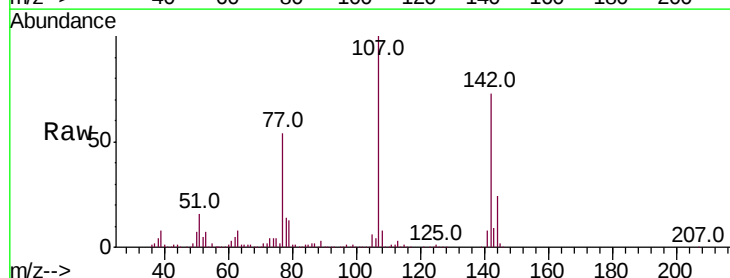


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

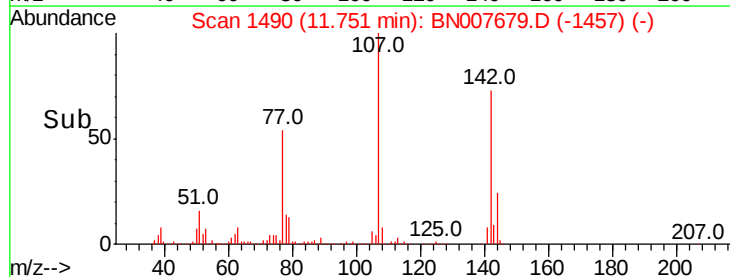
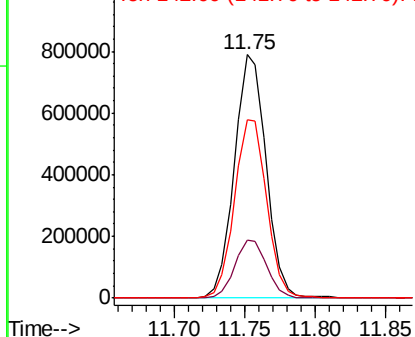


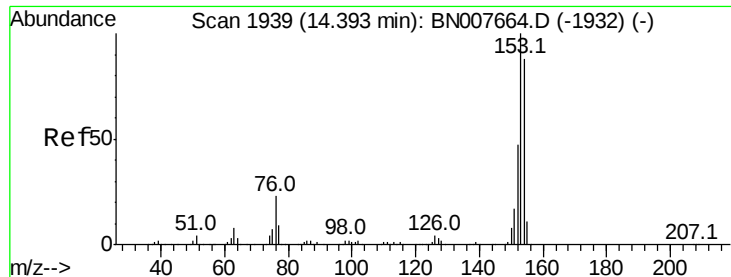
#33
4-Chloro-3-methylphenol
Concen: 30.787 ng/ul
RT: 11.75 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BN007679.D
Acq: 16 Sep 2019 22:50

Tgt Ion:107 Resp: 1237432
Ion Ratio Lower Upper
107 100
144 23.6 19.3 28.9
142 73.3 58.7 88.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#49

Acenaphthene

Concen: 33.383 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN007679.D

Acq: 16 Sep 2019 22:50

Instrument :

BNA_N

ClientSampled :

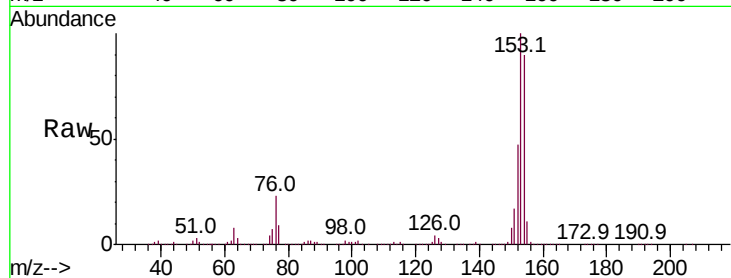
Tot Ion:153 Resp: 3057085

Ion Ratio Lower Upper

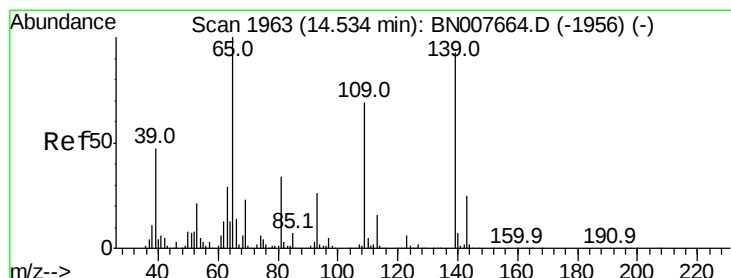
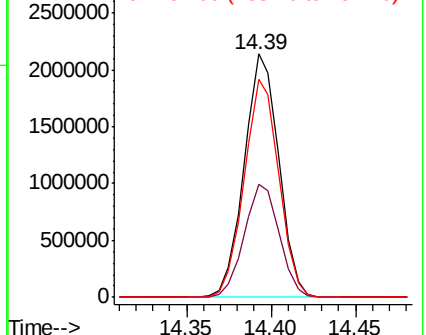
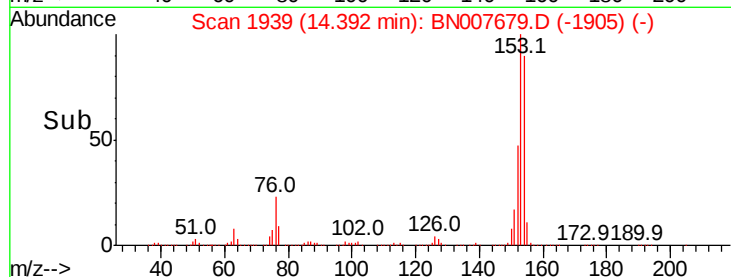
153 100

152 46.7 37.8 56.8

154 89.7 70.3 105.5



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: 9.893 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007679.D

Acq: 16 Sep 2019 22:50

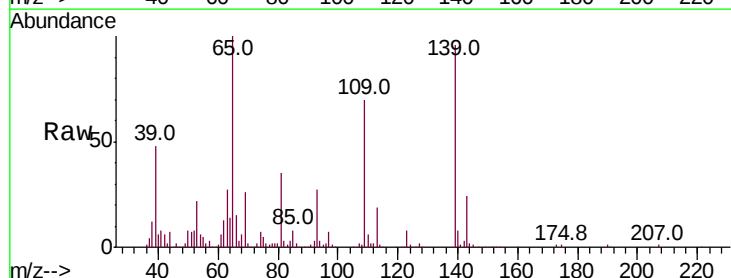
Tgt Ion:109 Resp: 155833

Ion Ratio Lower Upper

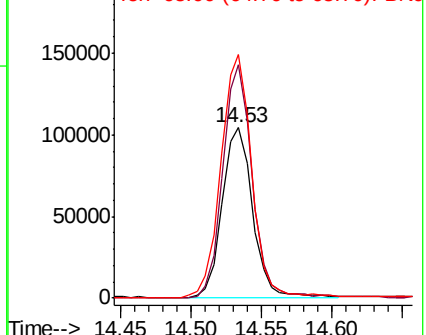
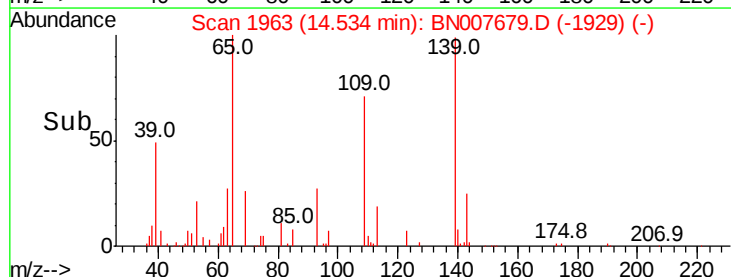
109 100

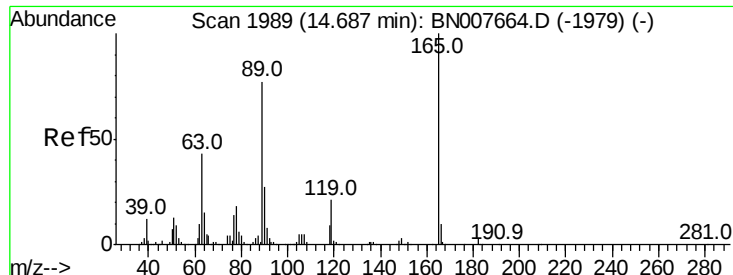
139 137.3 108.2 162.4

65 142.9 116.5 174.7



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): BNO

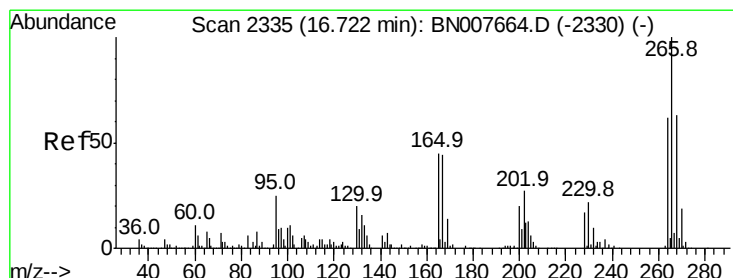
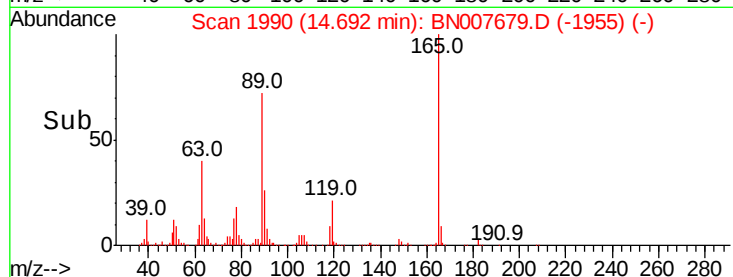
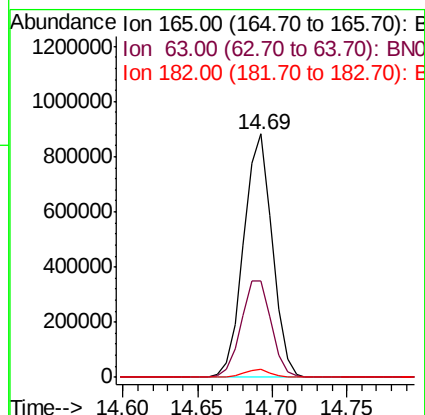
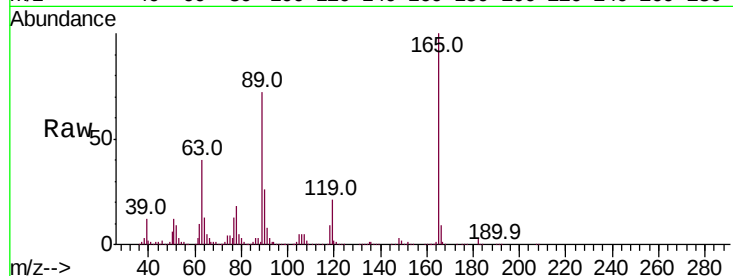




#54
 2,4-Dinitrotoluene
 Concen: 38.932 ng/ul
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BN007679.D
 Acq: 16 Sep 2019 22:50

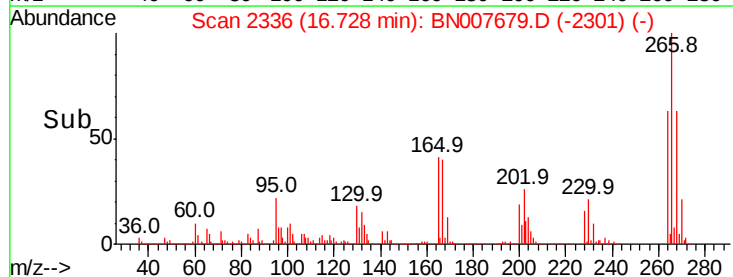
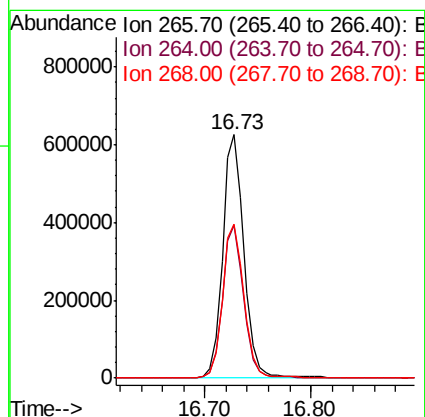
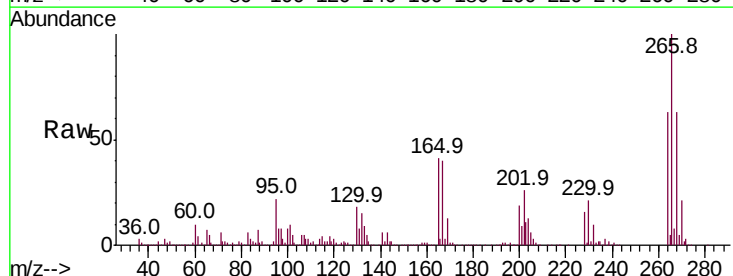
Instrument :
 BNA_N
 ClientSampled :

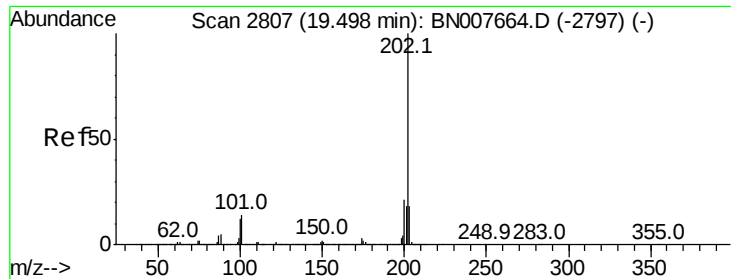
Tot Ion:165 Resp: 1171524
 Ion Ratio Lower Upper
 165 100
 63 39.6 34.6 51.8
 182 3.2 2.5 3.7



#68
 Pentachlorophenol
 Concen: 41.409 ng/ul
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.01 min
 Lab File: BN007679.D
 Acq: 16 Sep 2019 22:50

Tgt Ion:266 Resp: 877680
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.4 74.2
 268 63.5 50.4 75.6





#79

Pvrene

Concen: 43.339 ng/ul

RT: 19.50 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BN007679.D

Acq: 16 Sep 2019 22:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion:202 Resp: 8517782

Ion Ratio Lower Upper

202 100

101 14.3 11.2 16.8

100 11.7 9.4 14.0

