

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005333.D
 Acq On : 27 Apr 2019 01:06
 Operator : JU/SJ
 Sample : K2497-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHY1MS

Quant Time: Apr 27 03:45:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	437316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1900805	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1188450	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2849848	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2511020	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	2315080	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	51139	5.65	ng/uL	0.00
5) Phenol-d5	6.78	99	1166173	33.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	654224	30.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	879394	33.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	971423	36.18	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	465747	39.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	531562	44.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	957537	35.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1325954	47.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	3264970	37.85	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3791438	35.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	559487	41.07	ng/ul	0.00
57) Fluorene-d10	15.23	176	2721988	37.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	503844	39.31	ng/ul	0.00
70) Anthracene-d10	17.08	188	4419250	36.99	ng/ul	0.00
78) Pyrene-d10	19.39	212	4769148	37.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	3690483	36.48	ng/ul	0.00

Target Compounds

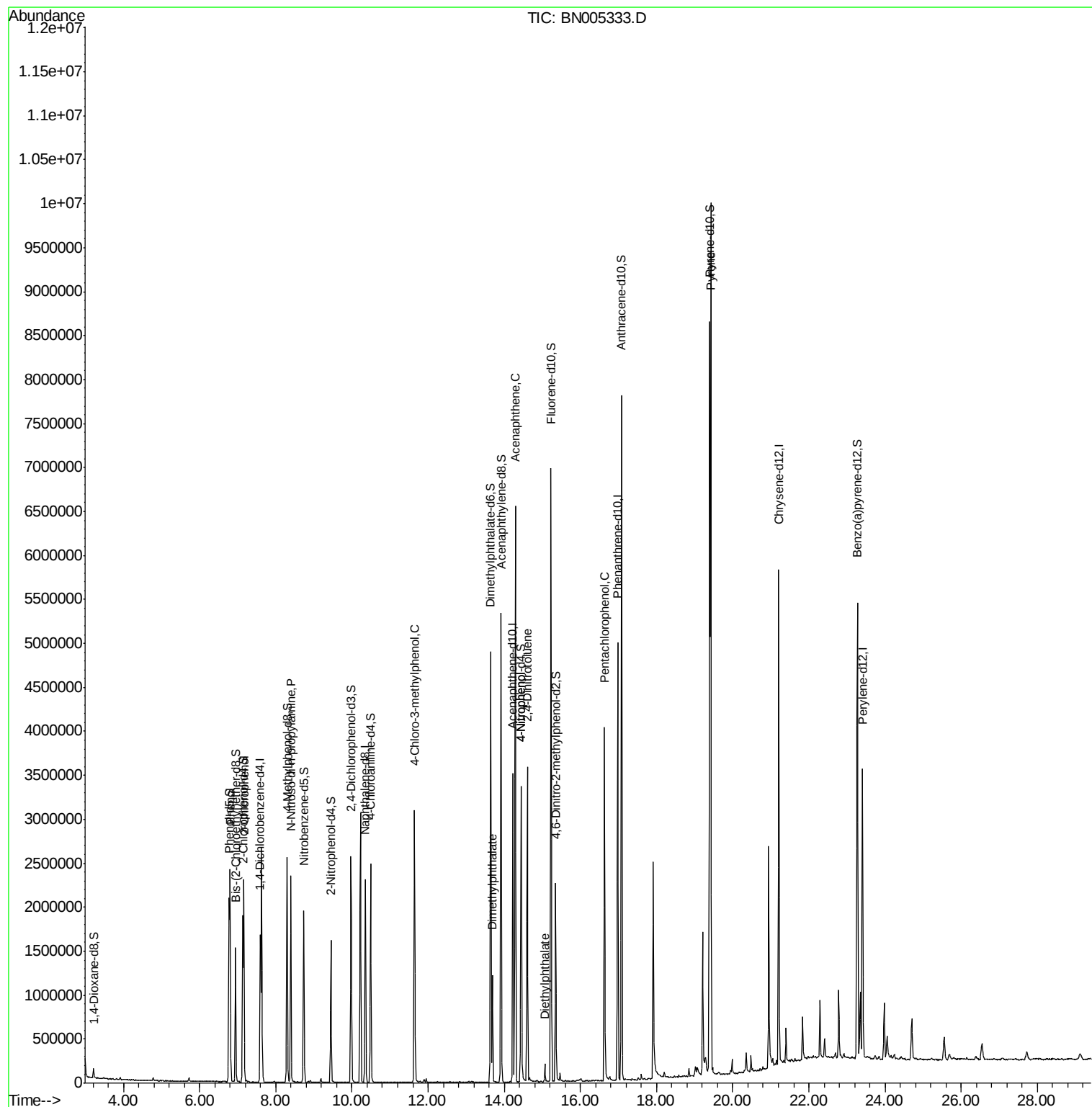
					Ovalue
6) Phenol	6.80	94	1245383	35.251	ng/ul 95
10) 2-Chlorophenol	7.16	128	952523	35.052	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.40	70	837969	36.457	ng/ul# 89
33) 4-Chloro-3-methylphenol	11.65	107	1163838	38.522	ng/ul 97
44) Dimethylphthalate	13.69	163	750837	8.734	ng/ul 100
49) Acenaphthene	14.29	153	2594643	36.498	ng/ul 99
52) 4-Nitrophenol	14.45	109	472533	38.216	ng/ul 86
54) 2,4-Dinitrotoluene	14.60	165	1017480	47.551	ng/ul 89
56) Diethylphthalate	15.07	149	103156	1.197	ng/ul 98
68) Pentachlorophenol	16.63	266	697534	38.967	ng/ul 97
79) Pyrene	19.43	202	6094191	37.694	ng/ul 97

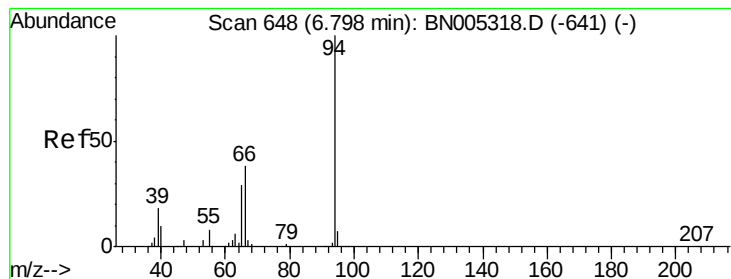
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:54:49 2019
Response via : Initial Calibration





#6

Phenol

Concen: 35.251 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.01 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

Instrument :

BNA_N

ClientSampleId :

GAHY1MS

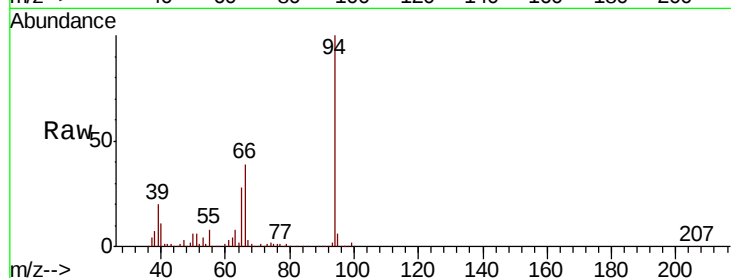
Tot Ion: 94 Resp: 1245383

Ion Ratio Lower Upper

94 100

65 27.9 24.2 36.4

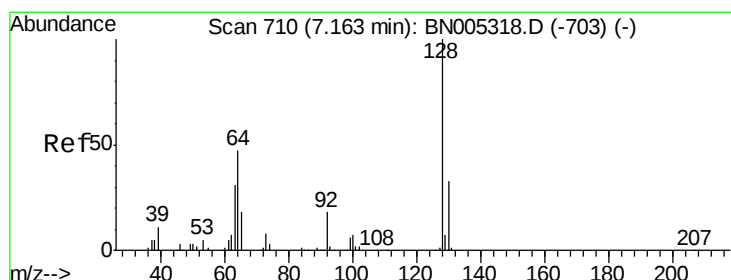
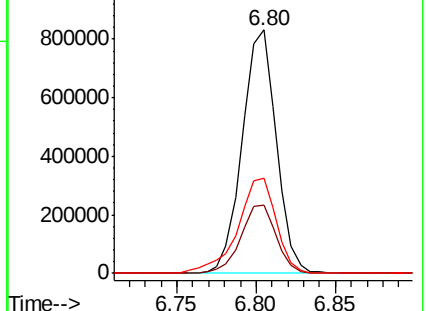
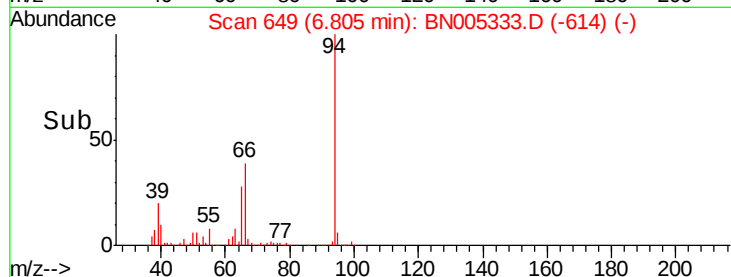
66 39.0 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005333.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BN005333.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BN005333.D (-614) (-)



#10

2-Chlorophenol

Concen: 35.052 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

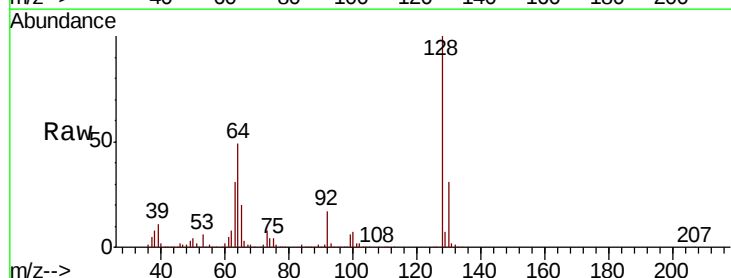
Tgt Ion: 128 Resp: 952523

Ion Ratio Lower Upper

128 100

64 49.3 42.3 63.5

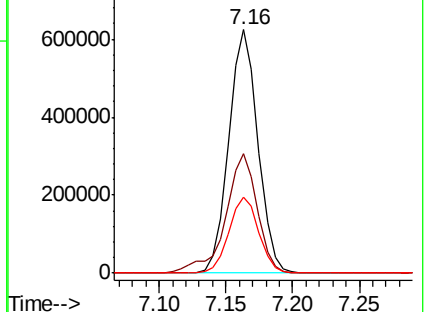
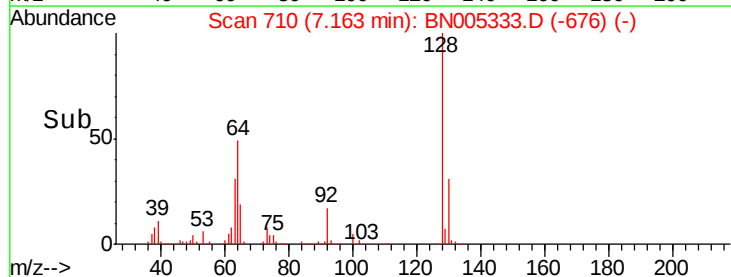
130 31.4 26.5 39.7

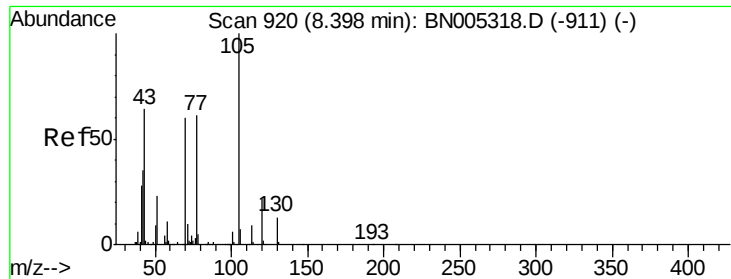


Abundance Ion 128.00 (127.70 to 128.70): BN005333.D (-676) (-)

Ion 64.00 (63.70 to 64.70): BN005333.D (-676) (-)

Ion 130.00 (129.70 to 130.70): BN005333.D (-676) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 36.457 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

Instrument :

BNA_N

ClientSampleId :

GAHY1MS

Tot Ion: 70 Resp: 837969

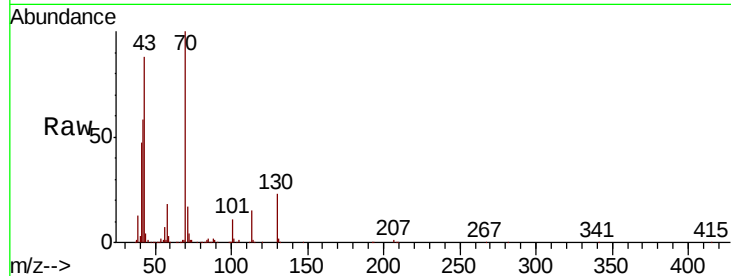
Ion Ratio Lower Upper

70 100

42 57.6 53.8 80.8

101 10.6 7.7 11.5

130 22.8 15.0 22.4#

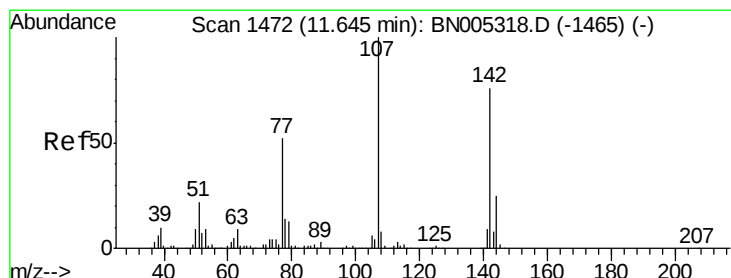
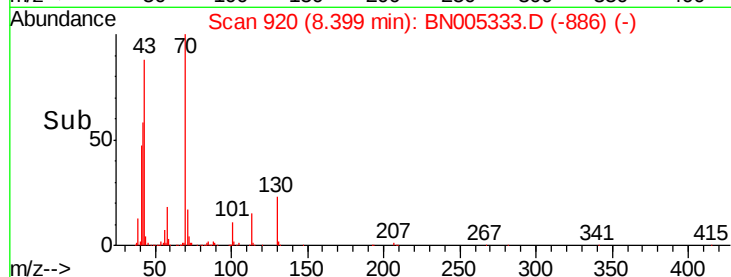
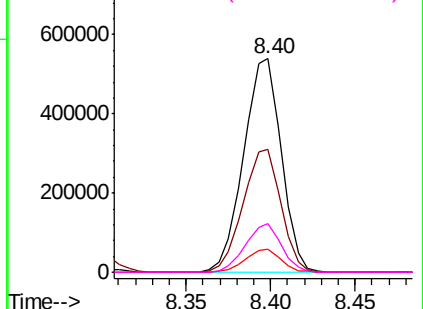


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 38.522 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

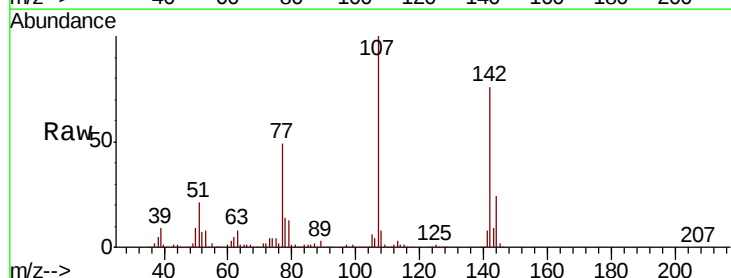
Tgt Ion:107 Resp: 1163838

Ion Ratio Lower Upper

107 100

144 24.4 19.4 29.0

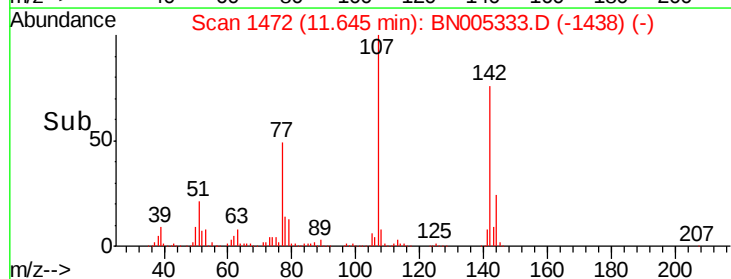
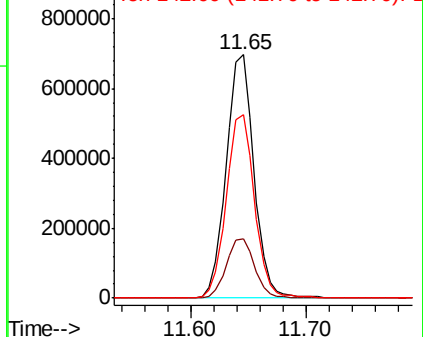
142 75.6 57.7 86.5

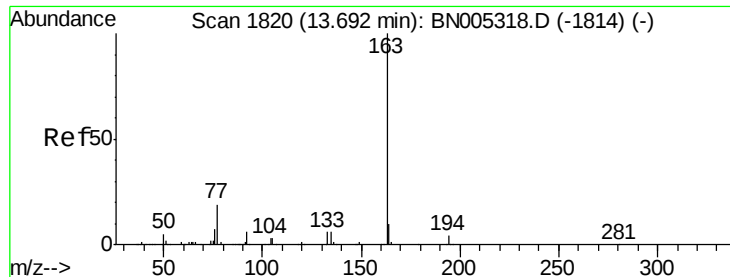


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

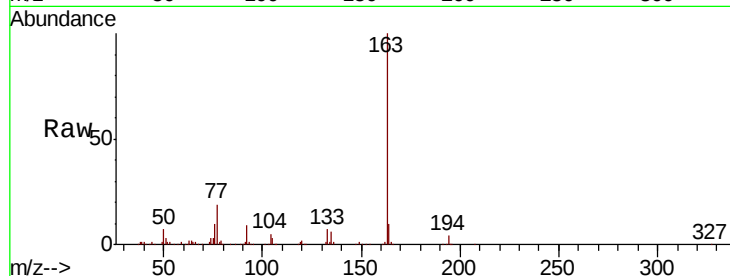




#44
Dimethylphthalate
Concen: 8.734 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BN005333.D
Acq: 27 Apr 2019 01:06

Instrument :
BNA_N
ClientSampleId :
GAHY1MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.1	12.1

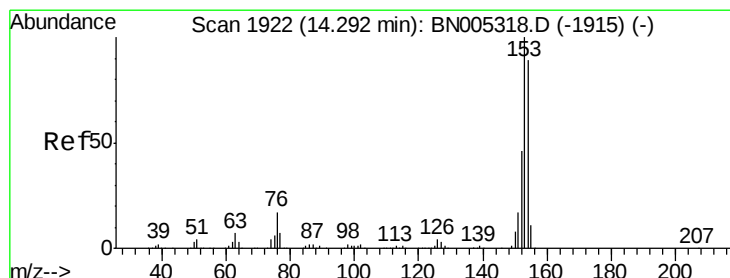
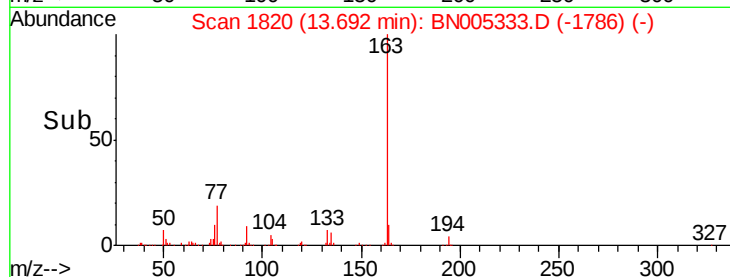
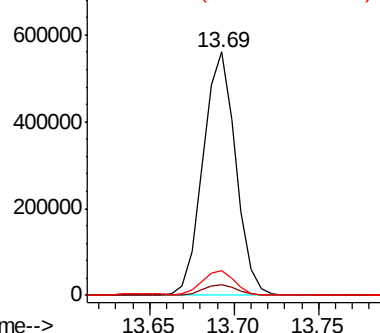


Abundance

Ion 163.00 (162.70 to 163.70): E

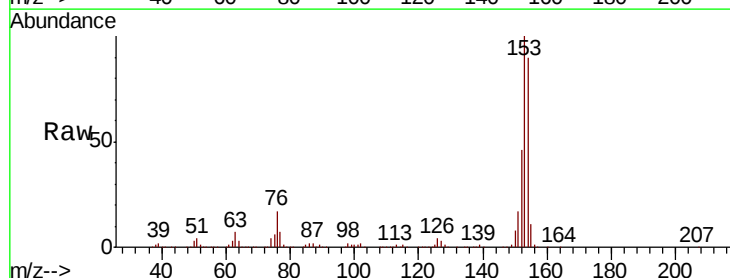
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 36.498 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BN005333.D
Acq: 27 Apr 2019 01:06

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.4	56.0
154	89.9	71.2	106.8

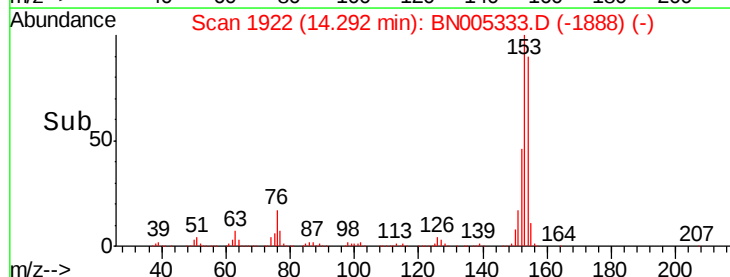
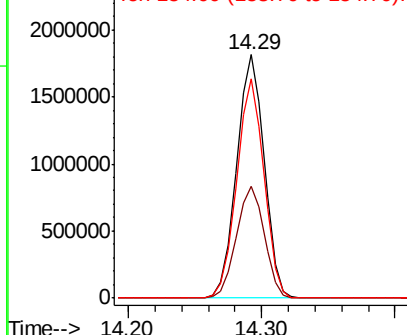


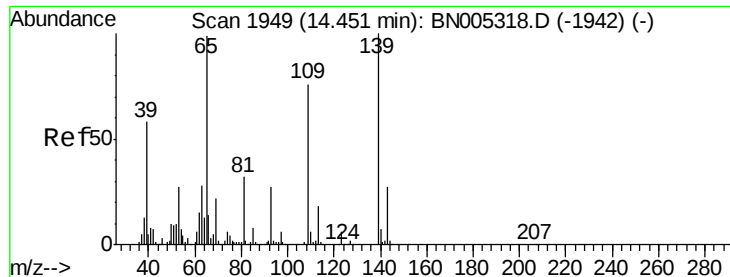
Abundance

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: 38.216 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

Instrument :

BNA_N

ClientSampleId :

GAHY1MS

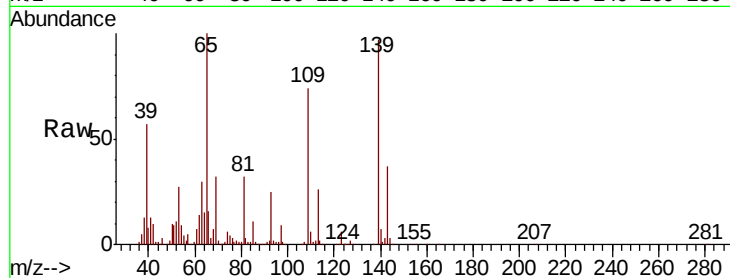
Tot Ion:109 Resp: 472533

Ion Ratio Lower Upper

109 100

139 132.0 92.3 138.5

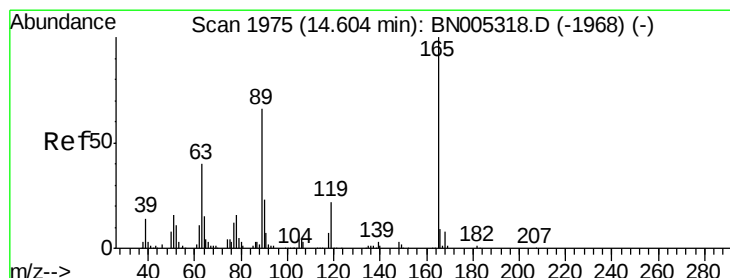
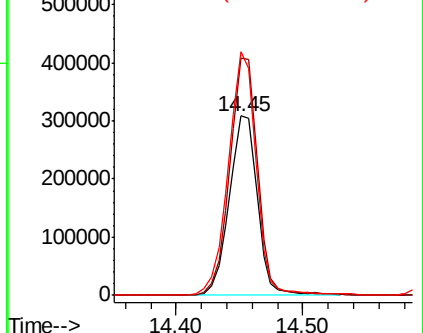
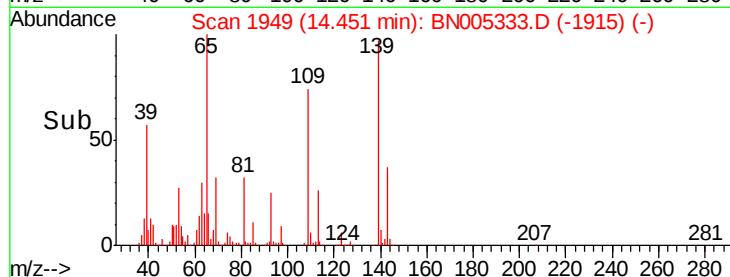
65 135.7 97.5 146.3



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: 47.551 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

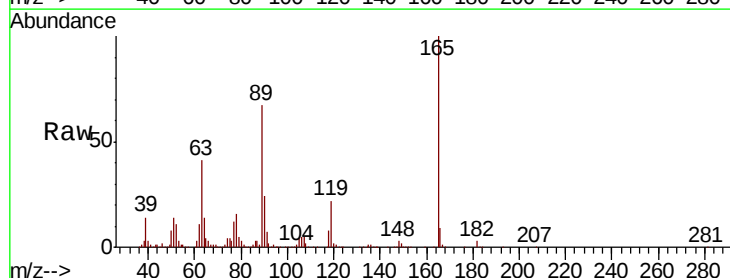
Tgt Ion:165 Resp: 1017480

Ion Ratio Lower Upper

165 100

63 41.0 38.9 58.3

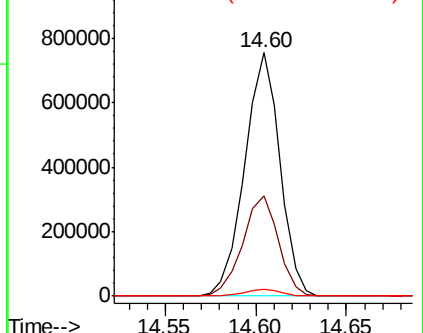
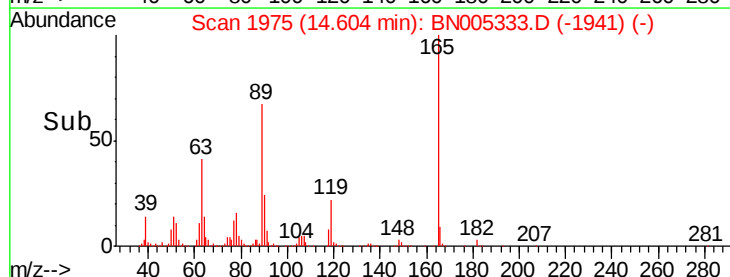
182 2.9 2.6 3.8

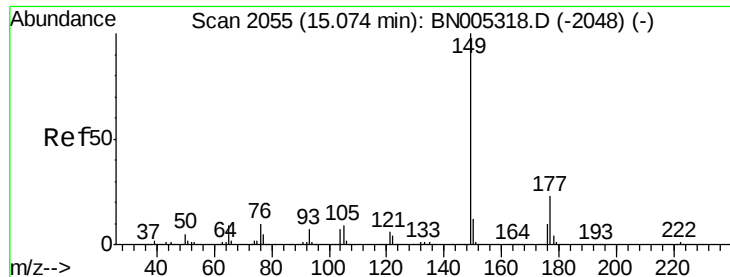


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 1.197 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

Instrument :

BNA_N

ClientSampleId :

GAHY1MS

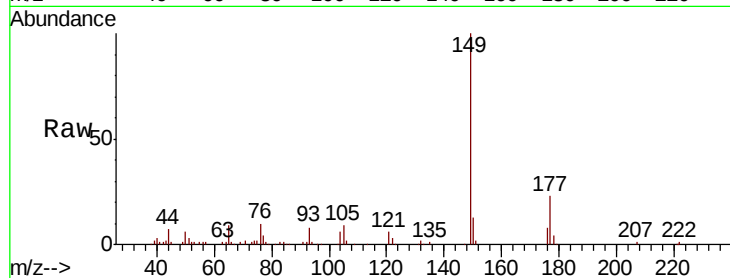
Tot Ion:149 Resp: 103156

Ion Ratio Lower Upper

149 100

177 23.5 17.7 26.5

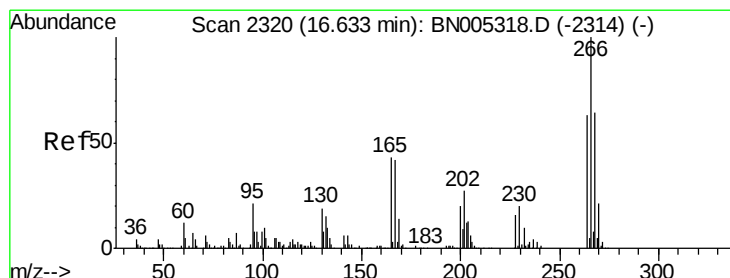
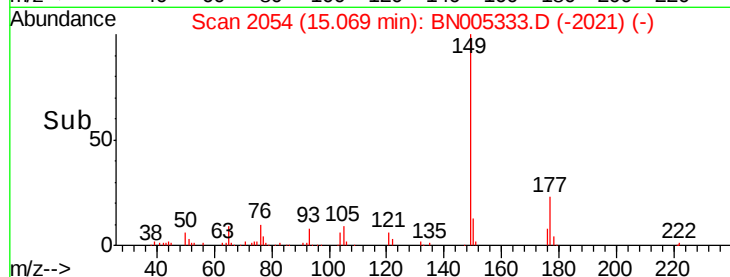
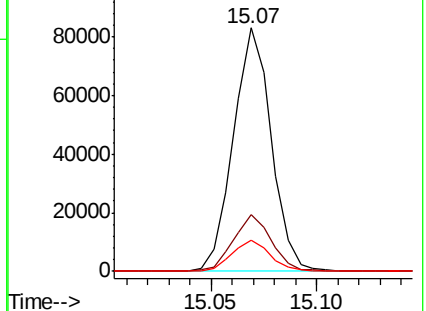
150 13.0 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#68

Pentachlorophenol

Concen: 38.967 ng/ul

RT: 16.63 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

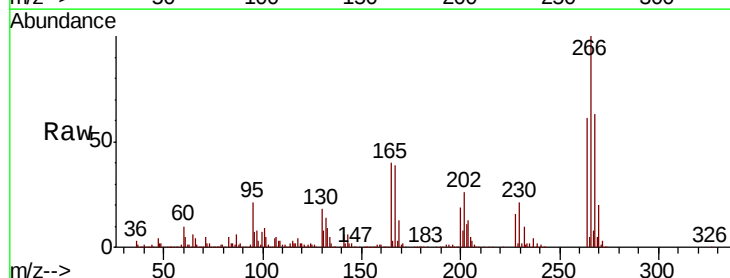
Tgt Ion:266 Resp: 697534

Ion Ratio Lower Upper

266 100

264 61.2 49.7 74.5

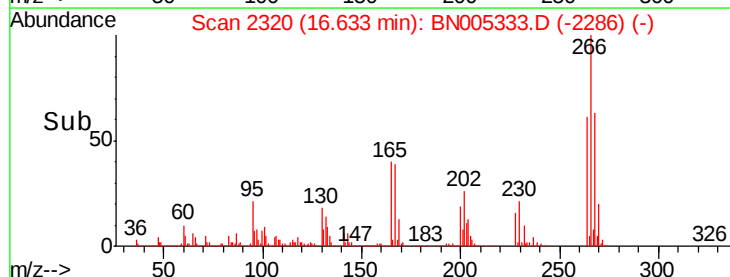
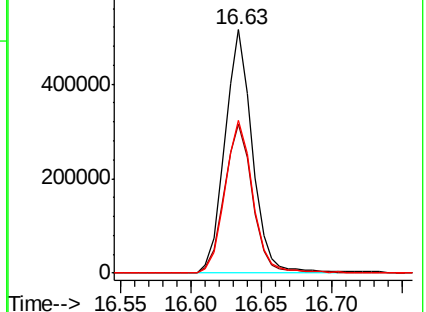
268 62.5 52.4 78.6

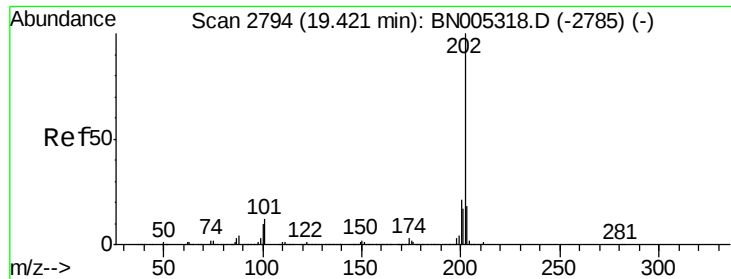


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 37.694 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005333.D

Acq: 27 Apr 2019 01:06

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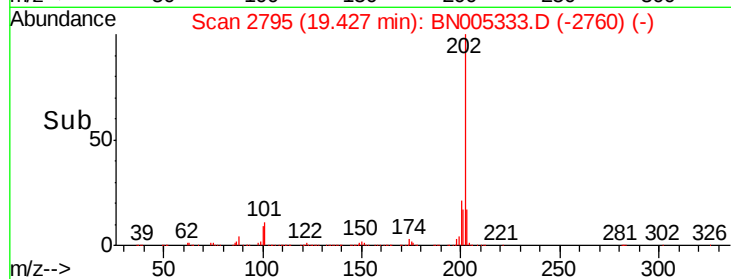
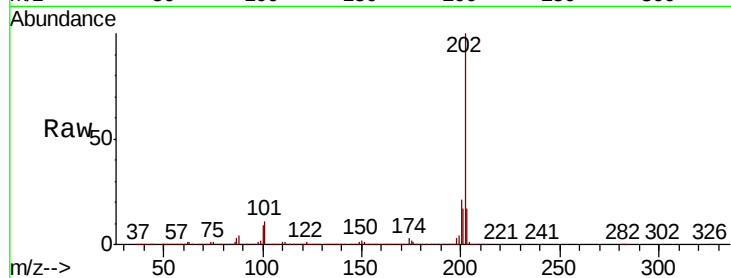
Tot Ion:202 Resp: 6094191

Ion Ratio Lower Upper

202 100

101 11.2 10.3 15.5

100 9.1 7.9 11.9



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

