

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005263.D
 Acq On : 24 Apr 2019 22:46
 Operator : JU/SJ
 Sample : K2456-19MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHN8MS

Quant Time: Apr 25 03:28:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	424717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1918613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1149091	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2474696	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1678563	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1717994	20.00	ng/ul	-0.04

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	54527	6.20	ng/uL	0.00
5) Phenol-d5	6.78	99	1223140	36.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	727534	34.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	947812	37.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1012341	38.82	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	499390	42.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	560097	46.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1038208	37.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1473958	52.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	3371905	40.42	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	4073257	39.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	502945	38.19	ng/ul	0.00
57) Fluorene-d10	15.23	176	2754361	39.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	330791	29.72	ng/ul	0.00
70) Anthracene-d10	17.08	188	4118207	39.70	ng/ul	0.00
78) Pyrene-d10	19.39	212	3959875	46.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	3091816	41.18	ng/ul	-0.04

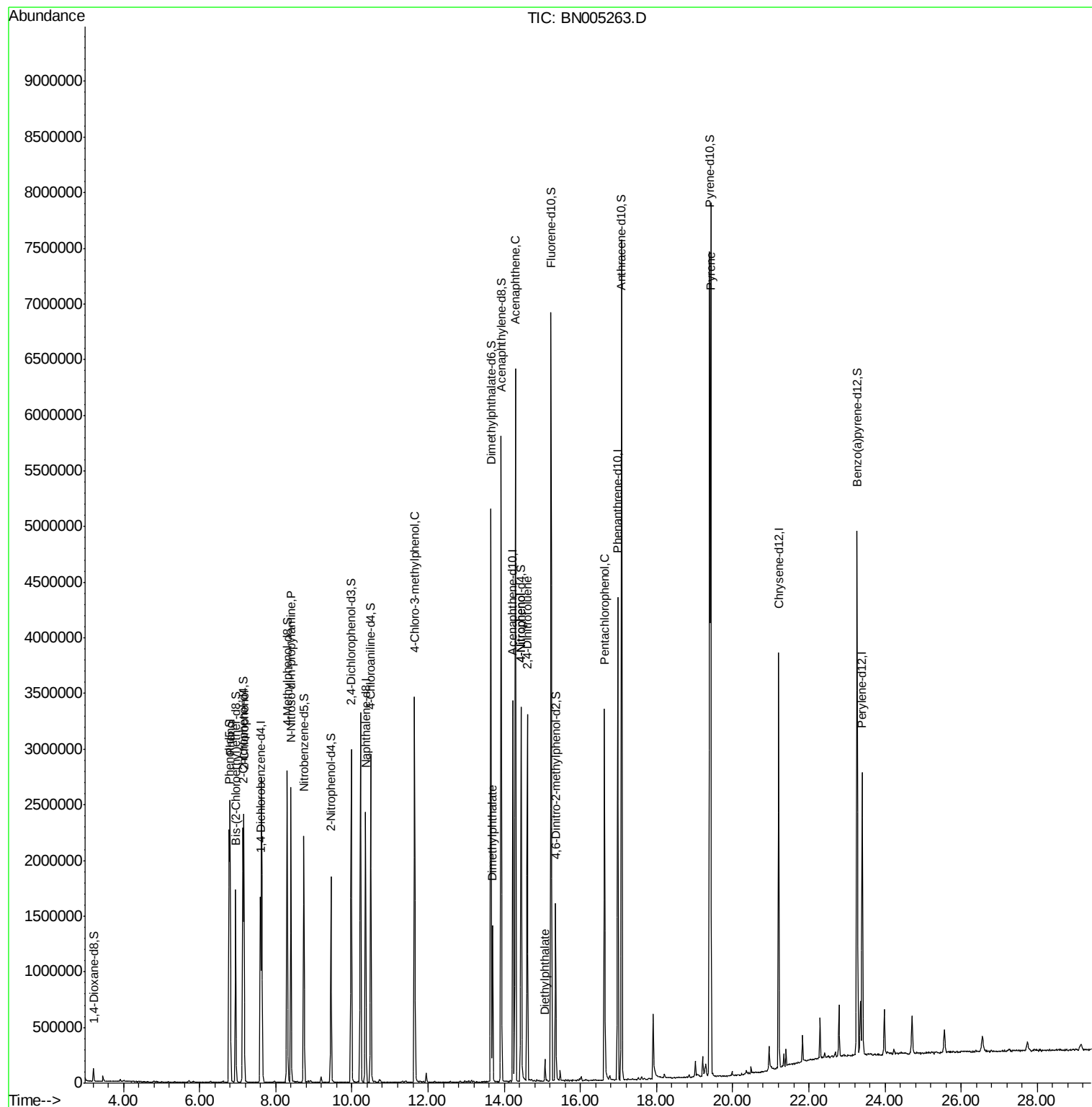
Target Compounds				Ovalue		
6) Phenol	6.80	94	1246442	36.328	ng/ul	98
10) 2-Chlorophenol	7.16	128	947307	35.894	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	871003	39.018	ng/ul	94
33) 4-Chloro-3-methylphenol	11.65	107	1204523	39.499	ng/ul	99
44) Dimethylphthalate	13.69	163	857018	10.311	ng/ul	99
49) Acenaphthene	14.29	153	2621484	38.139	ng/ul	100
52) 4-Nitrophenol	14.45	109	439783	36.786	ng/ul	94
54) 2,4-Dinitrotoluene	14.60	165	916073	44.278	ng/ul	93
56) Diethylphthalate	15.07	149	99776	1.197	ng/ul	98
68) Pentachlorophenol	16.63	266	584717	37.616	ng/ul	98
79) Pyrene	19.42	202	4847463	44.852	ng/ul	100

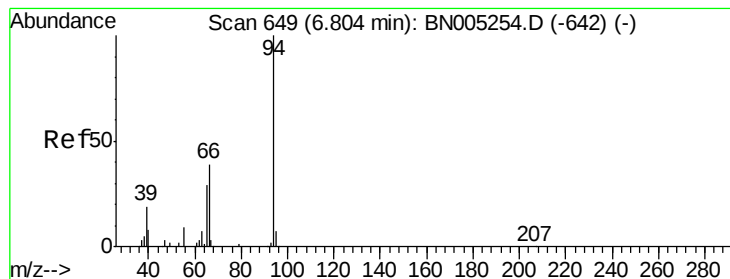
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005263.D
Acq On : 24 Apr 2019 22:46
Operator : JU/SJ
Sample : K2456-19MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN8MS

Quant Time: Apr 25 03:28:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 36.328 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

Instrument :

BNA_N

ClientSampleId :

GAHN8MS

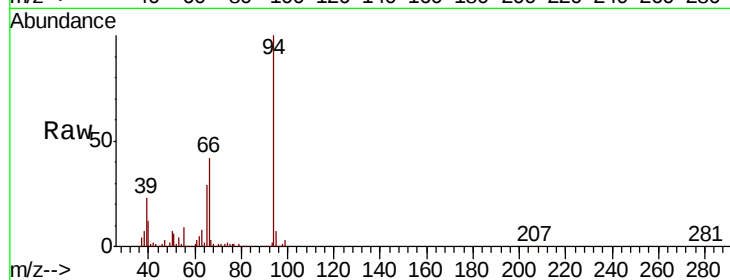
Tot Ion: 94 Resp: 1246442

Ion Ratio Lower Upper

94 100

65 28.9 24.2 36.4

66 41.6 33.8 50.6

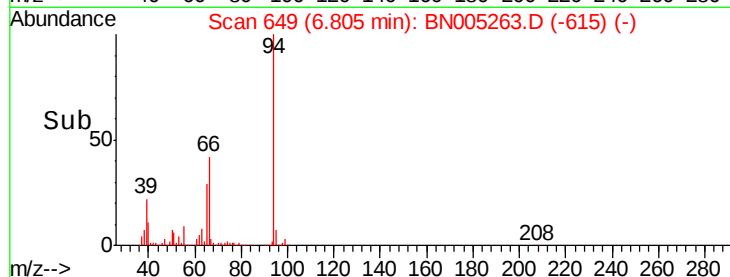


Abundance Ion 94.00 (93.70 to 94.70): BN005254.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BN005254.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BN005254.D (-642) (-)

Time-->

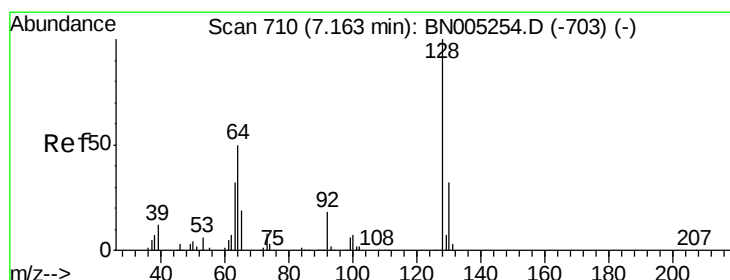


Abundance Ion 94.00 (93.70 to 94.70): BN005263.D (-615) (-)

Ion 65.00 (64.70 to 65.70): BN005263.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BN005263.D (-615) (-)

Time-->



#10

2-Chlorophenol

Concen: 35.894 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

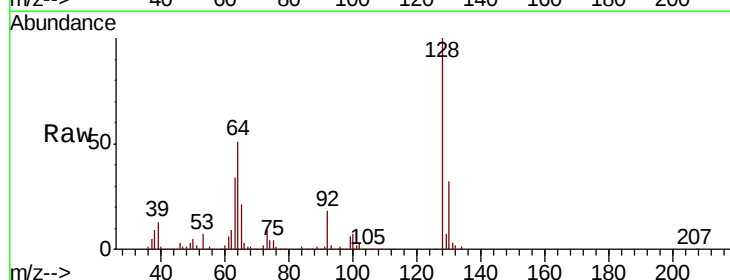
Tgt Ion:128 Resp: 947307

Ion Ratio Lower Upper

128 100

64 50.9 42.3 63.5

130 31.9 26.5 39.7

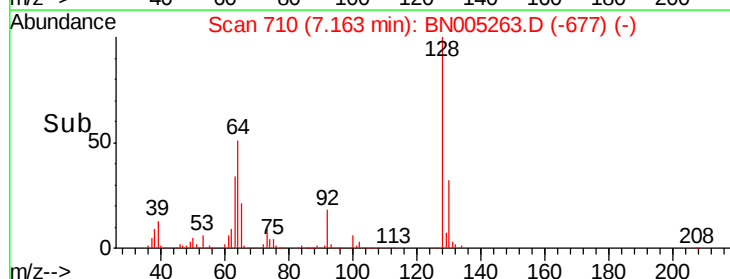


Abundance Ion 128.00 (127.70 to 128.70): BN005254.D (-703) (-)

Ion 64.00 (63.70 to 64.70): BN005254.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BN005254.D (-703) (-)

Time-->

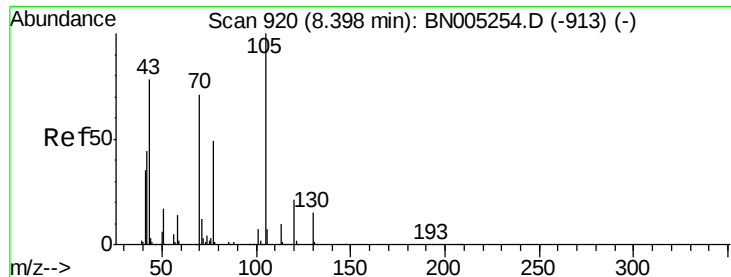


Abundance Ion 128.00 (127.70 to 128.70): BN005263.D (-677) (-)

Ion 64.00 (63.70 to 64.70): BN005263.D (-677) (-)

Ion 130.00 (129.70 to 130.70): BN005263.D (-677) (-)

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 39.018 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

Instrument :

BNA_N

ClientSampleId :

GAHN8MS

Tot Ion: 70 Resp: 871003

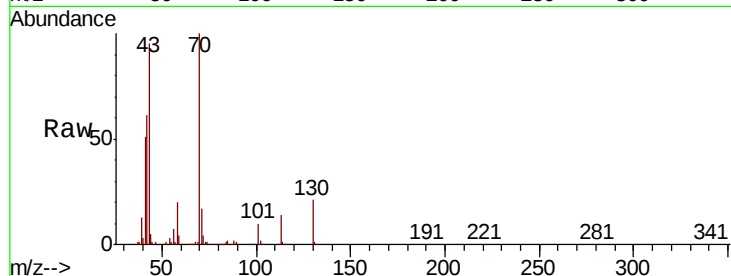
Ion Ratio Lower Upper

70 100

42 61.3 53.8 80.8

101 10.4 7.7 11.5

130 21.0 15.0 22.4

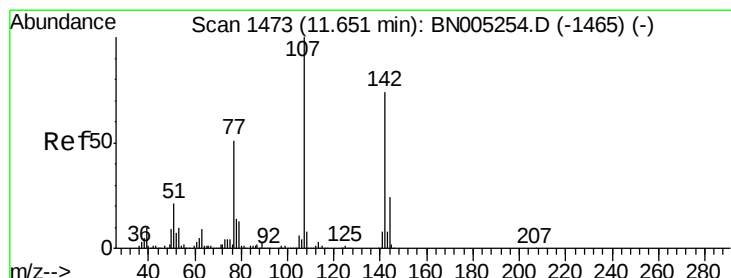
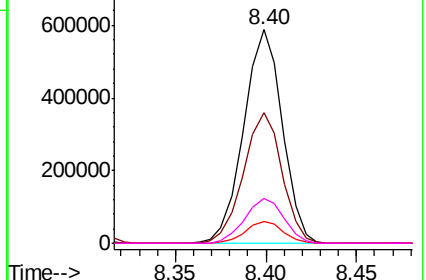
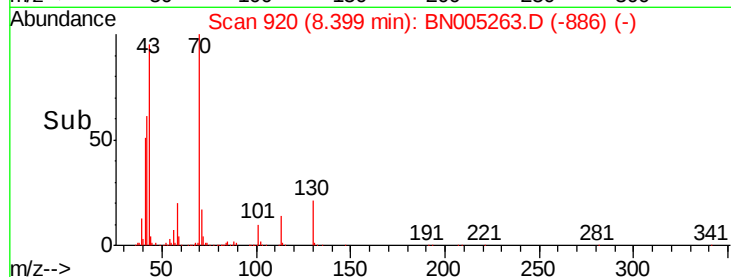


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 39.499 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

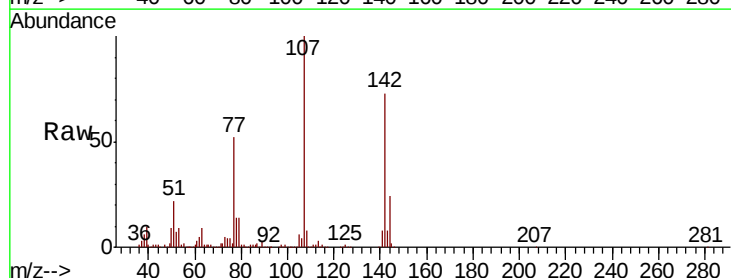
Tgt Ion:107 Resp: 1204523

Ion Ratio Lower Upper

107 100

144 23.8 19.4 29.0

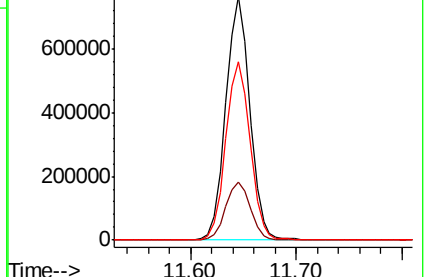
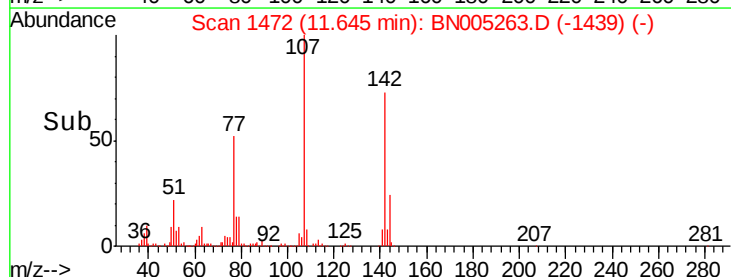
142 73.4 57.7 86.5

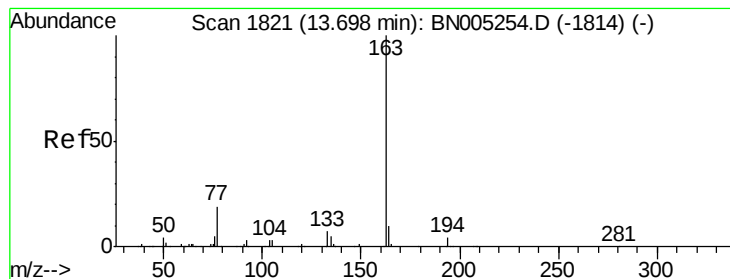


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 10.311 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

Instrument :

BNA_N

ClientSampleId :

GAHN8MS

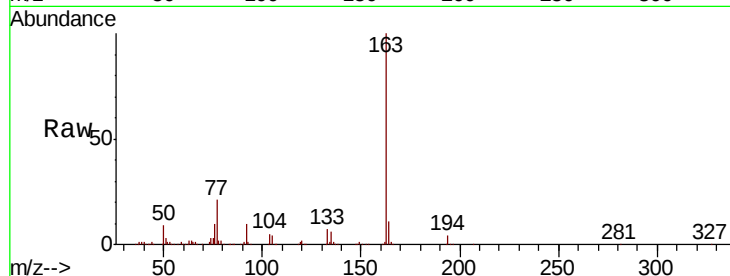
Tot Ion:163 Resp: 857018

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.6 8.1 12.1

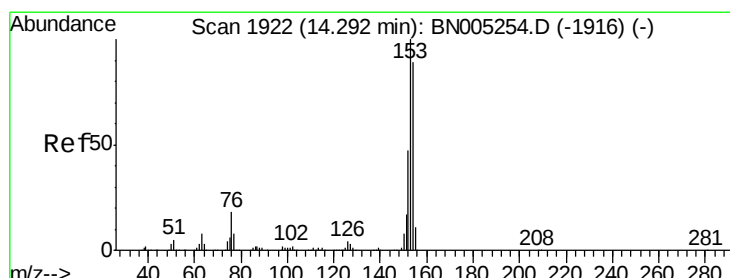
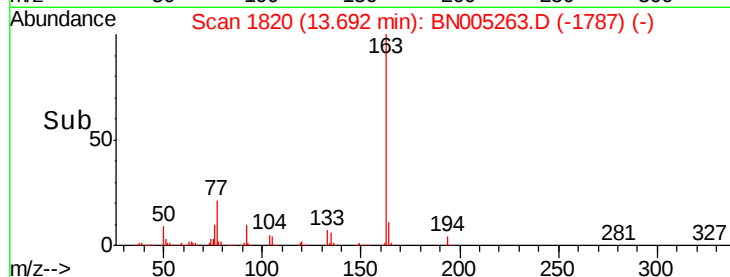
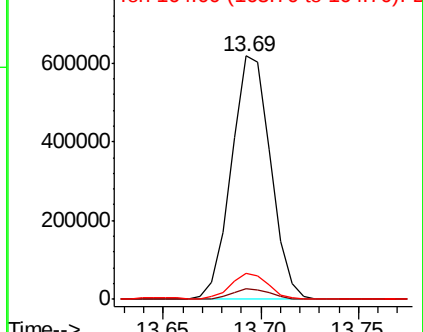


Abundance

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



#49

Acenaphthene

Concen: 38.139 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

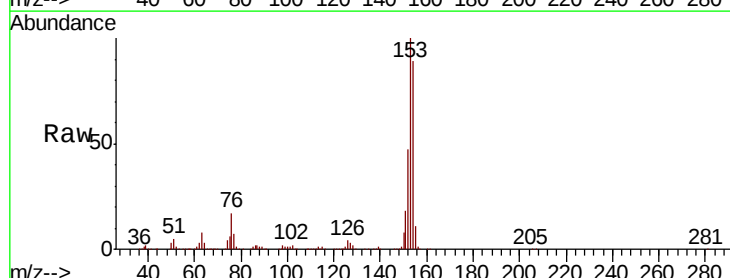
Tgt Ion:153 Resp: 2621484

Ion Ratio Lower Upper

153 100

152 46.7 37.4 56.0

154 89.0 71.2 106.8

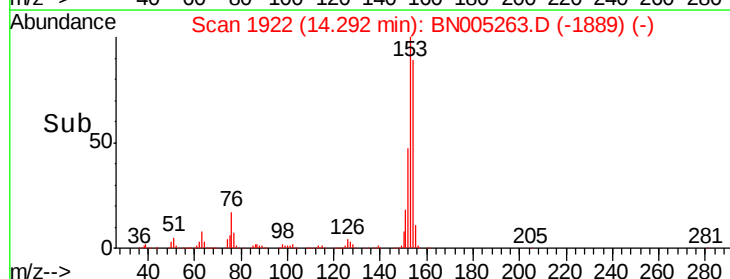
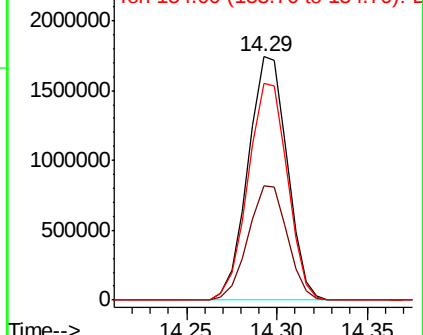


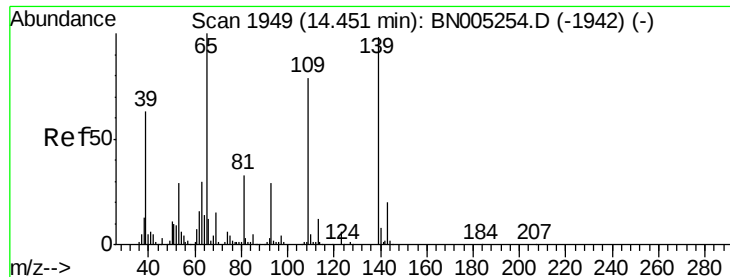
Abundance

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: 36.786 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

Instrument :

BNA_N

ClientSampleId :

GAHN8MS

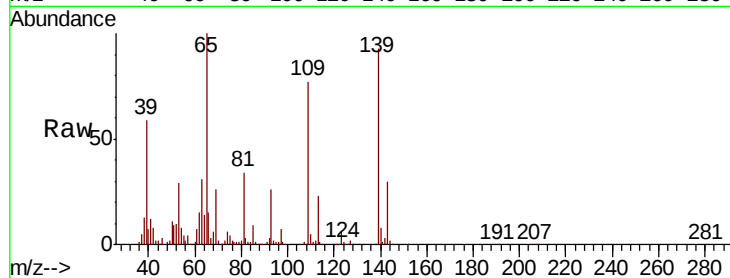
Tot Ion:109 Resp: 439783

Ion Ratio Lower Upper

109 100

139 120.5 92.3 138.5

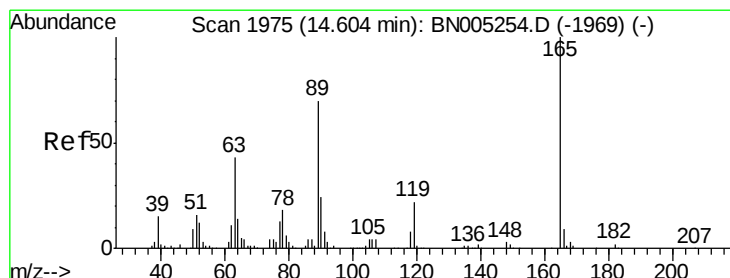
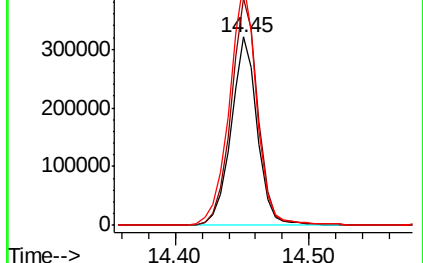
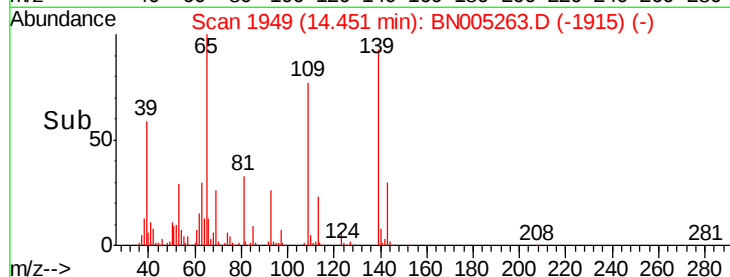
65 129.2 97.5 146.3



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): BNC



#54

2,4-Dinitrotoluene

Concen: 44.278 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

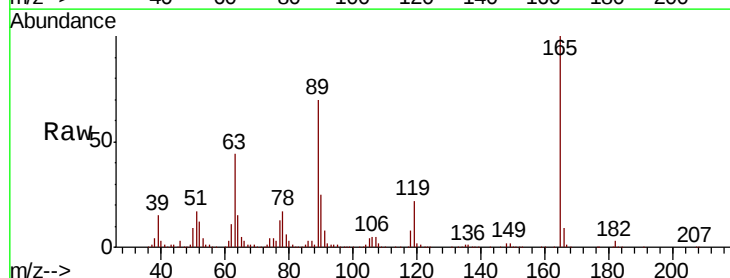
Tgt Ion:165 Resp: 916073

Ion Ratio Lower Upper

165 100

63 43.6 38.9 58.3

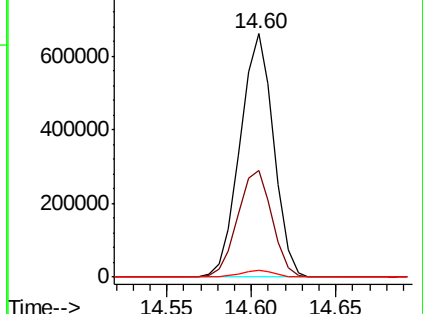
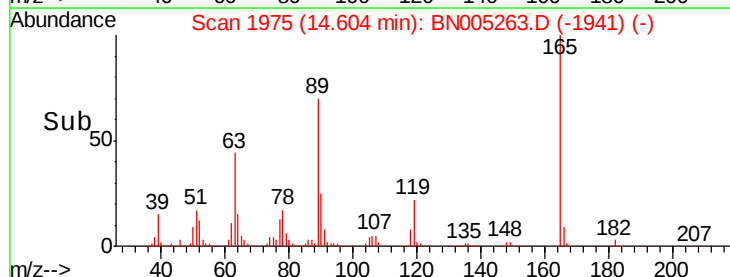
182 2.9 2.6 3.8

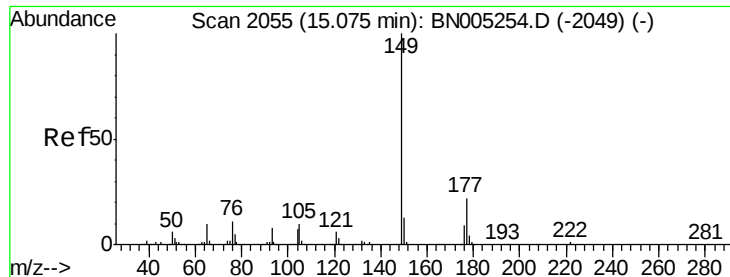


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 1.197 ng/ul

RT: 15.07 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

Instrument :

BNA_N

ClientSampleId :

GAHN8MS

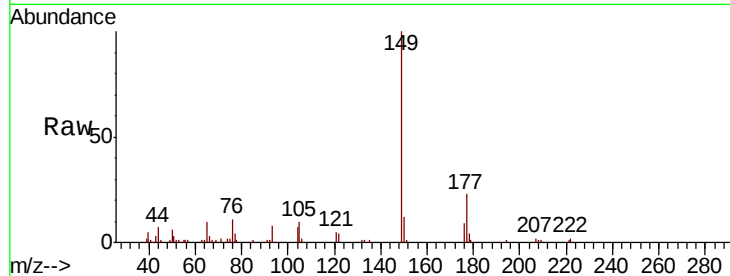
Tot Ion:149 Resp: 99776

Ion Ratio Lower Upper

149 100

177 23.0 17.7 26.5

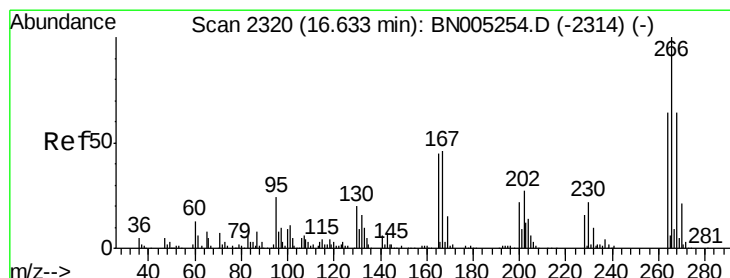
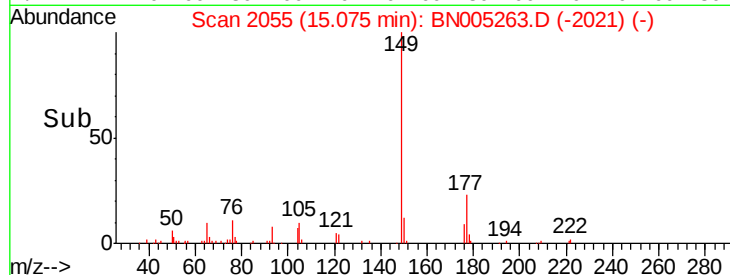
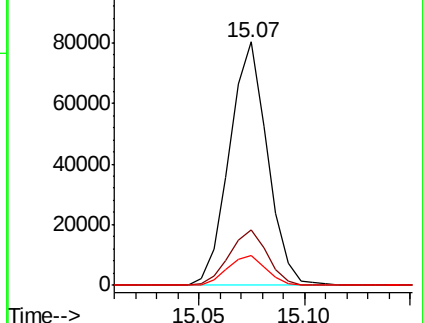
150 12.2 10.0 15.0



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: 37.616 ng/ul

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

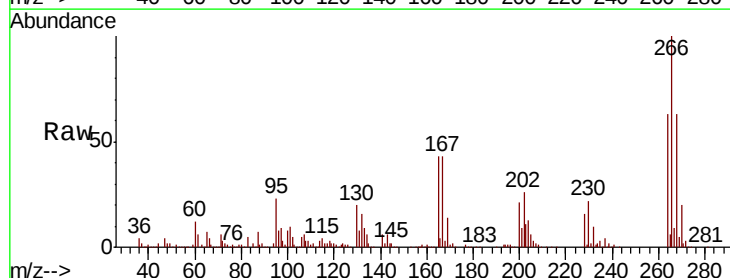
Tgt Ion:266 Resp: 584717

Ion Ratio Lower Upper

266 100

264 62.9 49.7 74.5

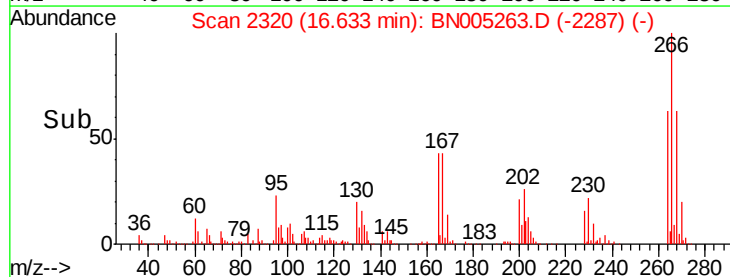
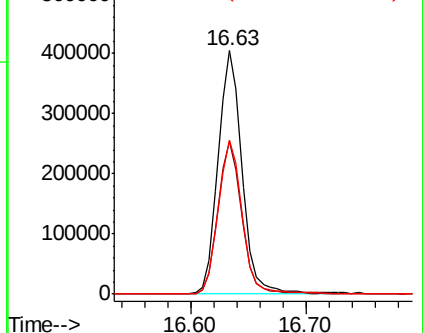
268 63.2 52.4 78.6

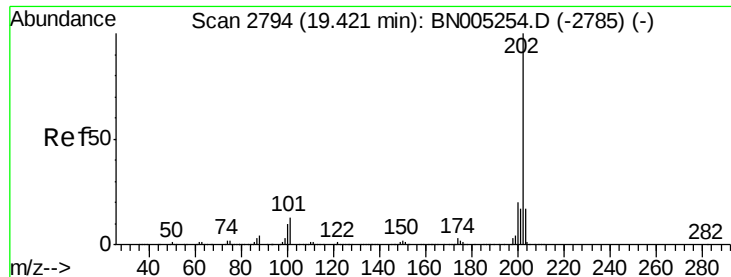


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 44.852 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005263.D

Acq: 24 Apr 2019 22:46

Instrument :

BNA_N

ClientSampleId :

GAHN8MS

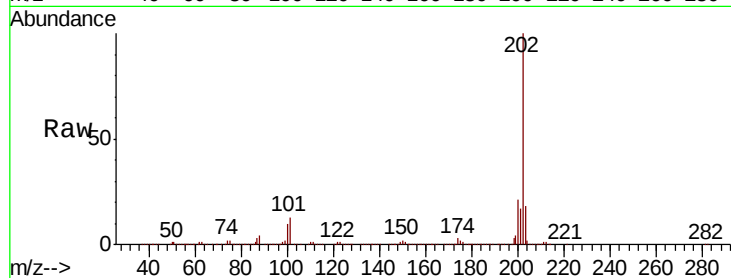
Tot Ion:202 Resp: 4847463

Ion Ratio Lower Upper

202 100

101 12.7 10.3 15.5

100 9.8 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

