

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070518\
 Data File : BN001964.D
 Acq On : 05 Jul 2018 13:13
 Operator : JU/SJ
 Sample : J3776-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZR3MS

Quant Time: Jul 05 15:12:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	622690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2827443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1637600	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3500923	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2728805	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2407234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	75238	5.25	ng/uL	0.00
5) Phenol-d5	6.88	99	579358	10.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	863254	24.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1007123	22.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	848832	18.80	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	573933	27.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	634712	29.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1139525	24.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	118562	2.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3771401	27.27	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4491989	26.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	246611	9.68	ng/ul	0.00
57) Fluorene-d10	15.33	176	3094816	25.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	544444	28.55	ng/ul	0.00
70) Anthracene-d10	17.18	188	4878903	28.84	ng/ul	0.00
76) Pyrene-d10	19.48	212	4893234	35.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3950980	30.18	ng/ul	0.00

Target Compounds

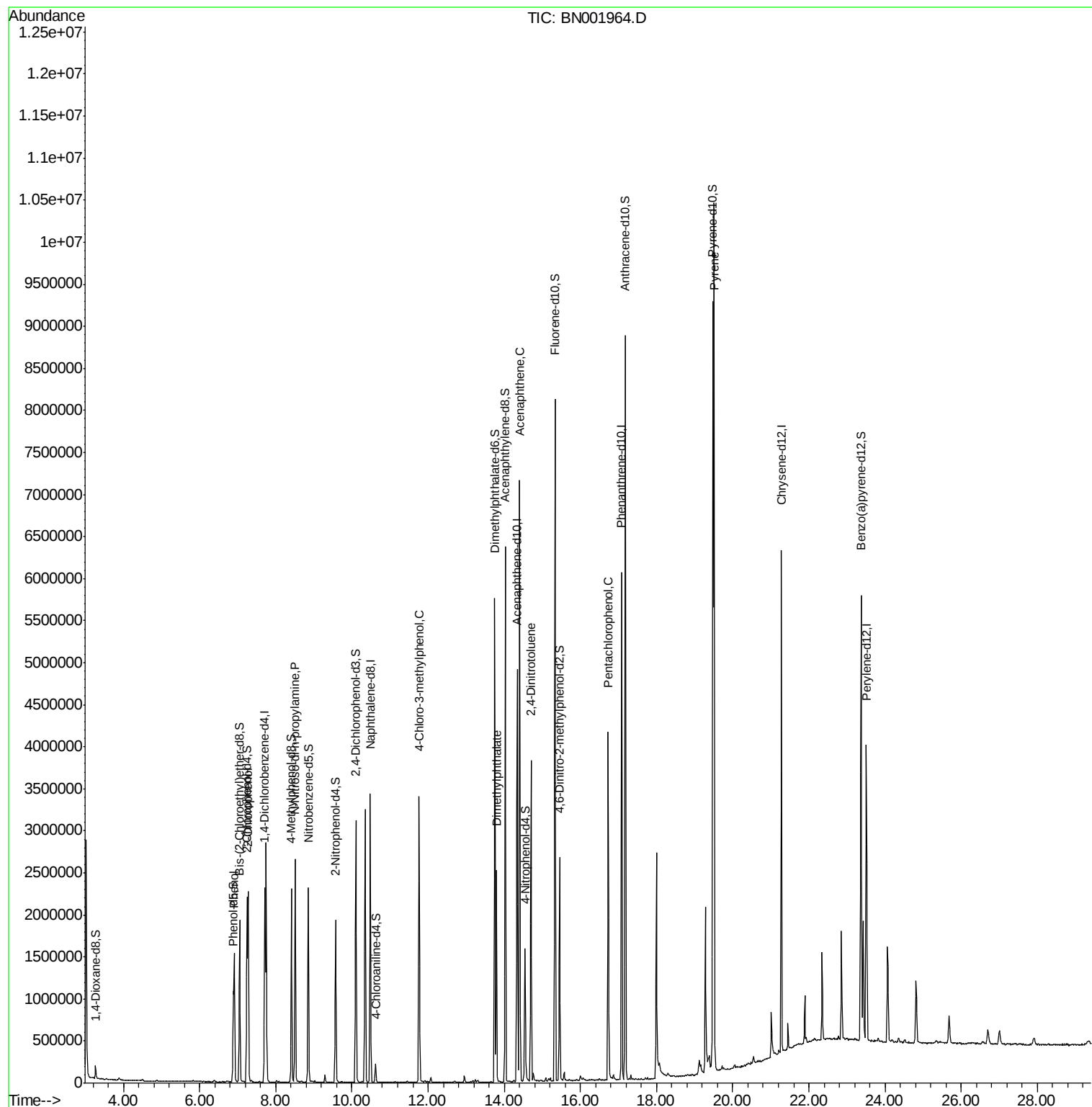
					Qvalue
6) Phenol	6.91	94	822142	14.467 ng/ul	98
10) 2-Chlorophenol	7.28	128	969044	21.428 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	943244	26.382 ng/ul	93
33) 4-Chloro-3-methylphenol	11.77	107	1213775	24.431 ng/ul	94
44) Dimethylphthalate	13.80	163	1541822	11.344 ng/ul	99
49) Acenaphthene	14.40	153	2884835	25.236 ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	1074328	28.155 ng/ul	94
68) Pentachlorophenol	16.73	266	709626	29.961 ng/ul	97
77) Pyrene	19.51	202	5983286	35.038 ng/ul#	85

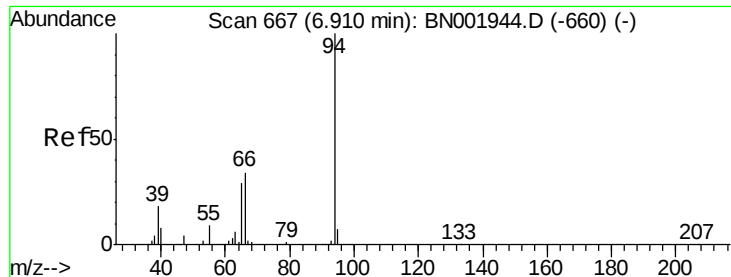
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 14.467 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

Instrument :

BNA_N

ClientSampleId :

DAZR3MS

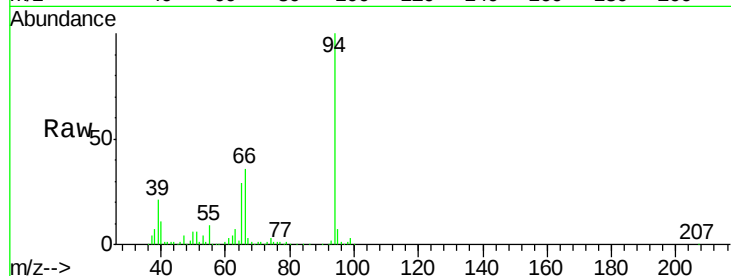
Tgt Ion: 94 Resp: 822142

Ion Ratio Lower Upper

94 100

65 28.7 23.0 34.6

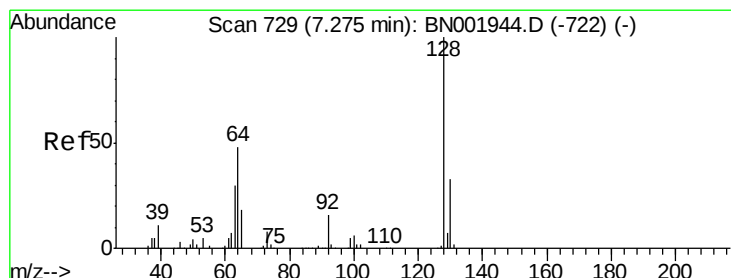
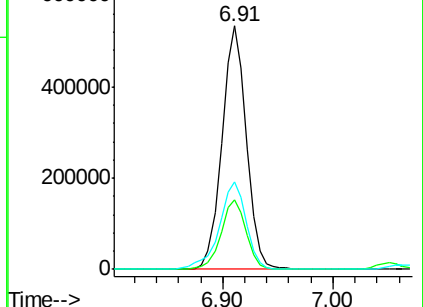
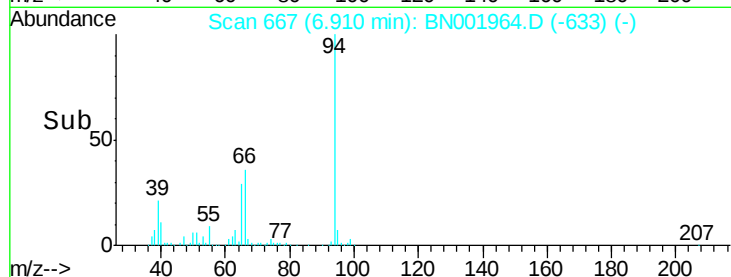
66 36.0 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN001944.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BN001944.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BN001944.D (-660) (-)



#10

2-Chlorophenol

Concen: 21.428 ng/ul

RT: 7.28 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

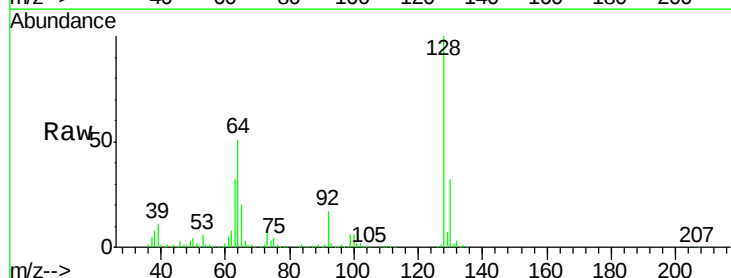
Tgt Ion: 128 Resp: 969044

Ion Ratio Lower Upper

128 100

64 51.1 39.8 59.6

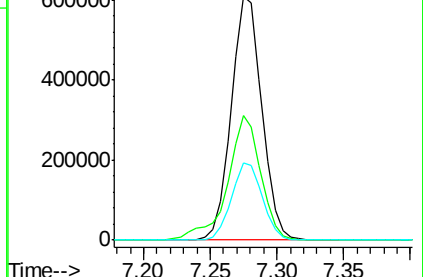
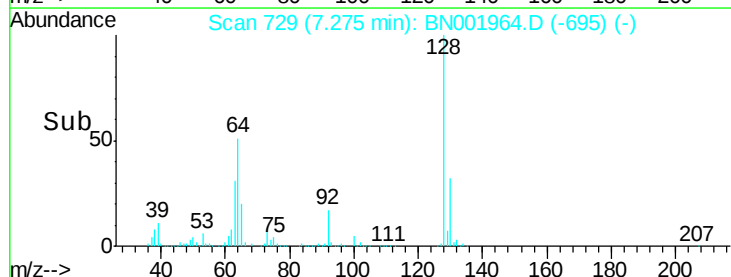
130 31.7 25.8 38.8

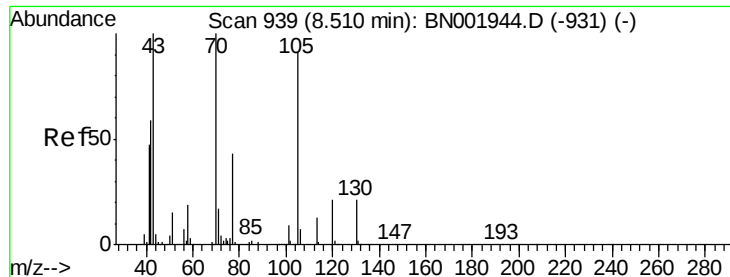


Abundance Ion 128.00 (127.70 to 128.70): BN001944.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BN001944.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BN001944.D (-722) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 26.382 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

Instrument :

BNA_N

ClientSampleId :

DAZR3MS

Tgt Ion: 70 Resp: 943244

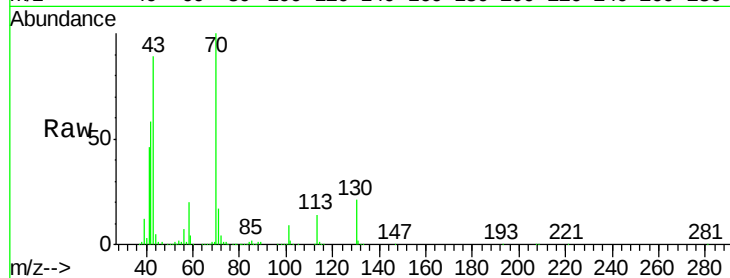
Ion	Ratio	Lower	Upper
70	100		
42	57.8	40.2	60.4
101	9.5	7.7	11.5
130	21.0	17.8	26.6

70 100

42 57.8 40.2 60.4

101 9.5 7.7 11.5

130 21.0 17.8 26.6

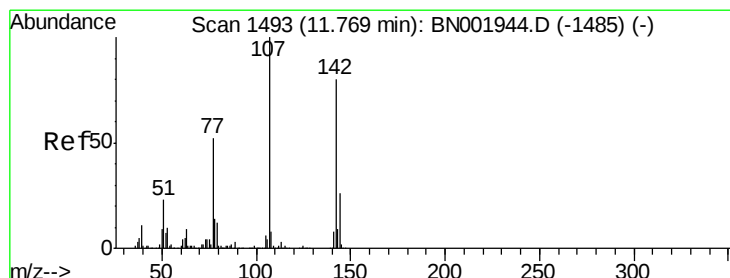
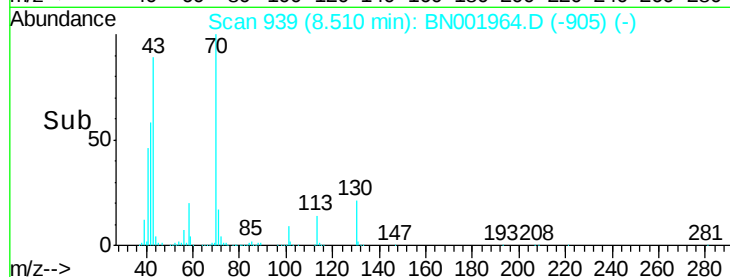
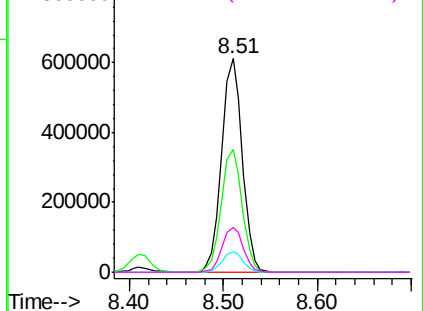


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 24.431 ng/ul

RT: 11.77 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

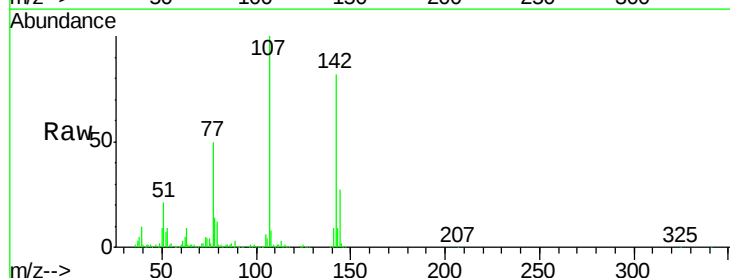
Tgt Ion: 107 Resp: 1213775

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.1	31.7
142	81.8	60.1	90.1

107 100

144 27.4 21.1 31.7

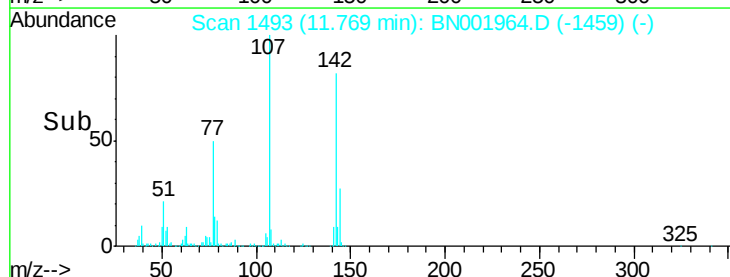
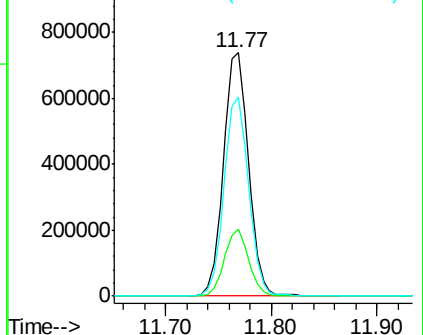
142 81.8 60.1 90.1

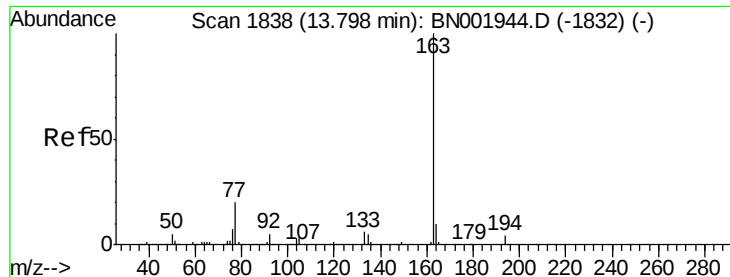


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 11.344 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

Instrument :

BNA_N

ClientSampleId :

DAZR3MS

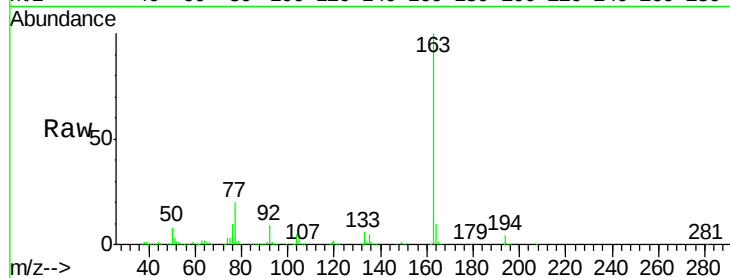
Tgt Ion:163 Resp: 1541822

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

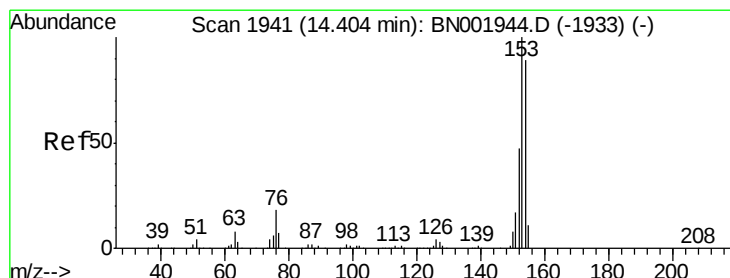
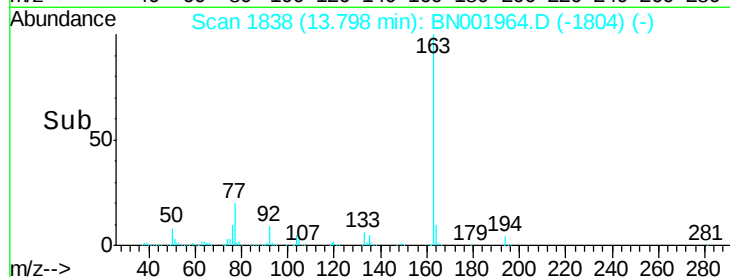
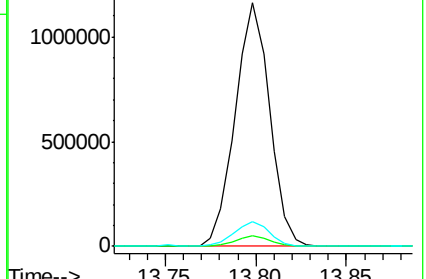
164 10.0 8.4 12.6



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: 25.236 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

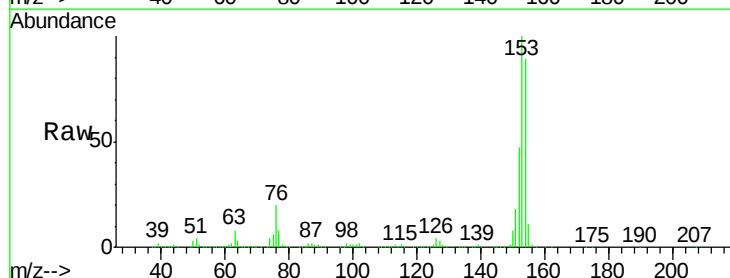
Tgt Ion:153 Resp: 2884835

Ion Ratio Lower Upper

153 100

152 47.1 37.9 56.9

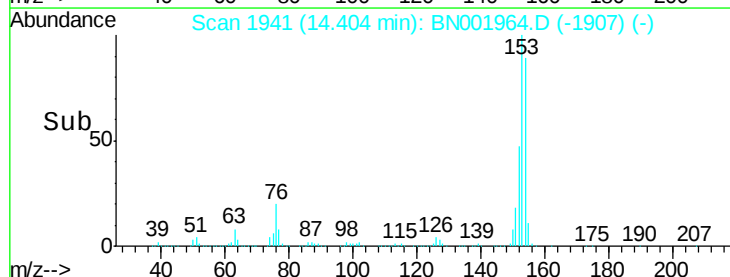
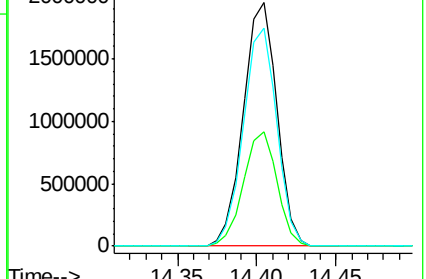
154 89.5 69.8 104.6

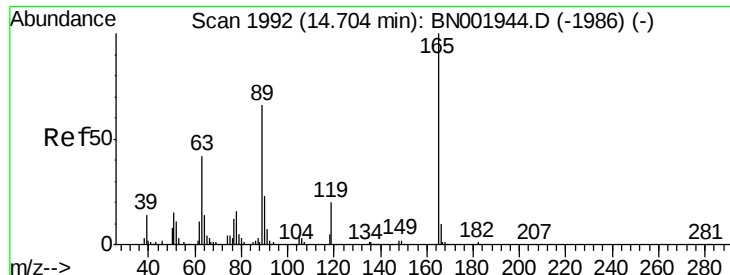


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

2,4-Dinitrotoluene

Concen: 28.155 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

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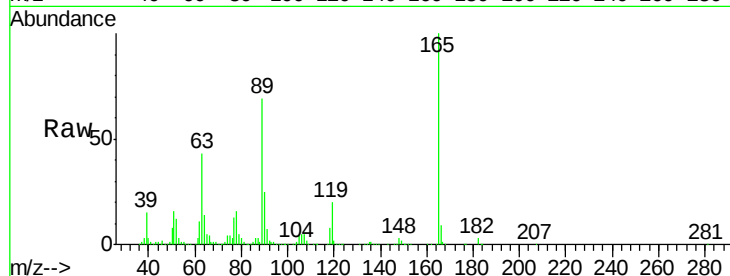
Tgt Ion:165 Resp: 1074328

Ion Ratio Lower Upper

165 100

63 43.3 31.4 47.0

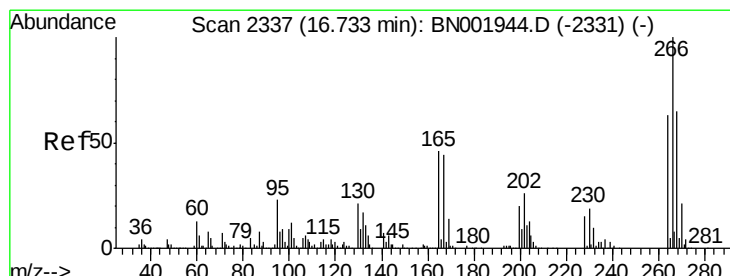
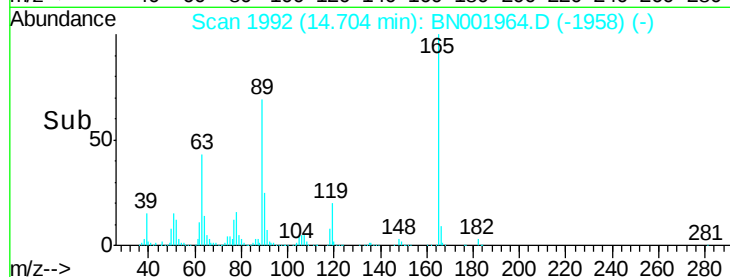
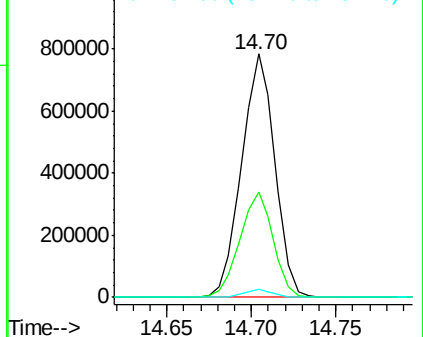
182 3.1 2.7 4.1



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



#68

Pentachlorophenol

Concen: 29.961 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN001964.D

Acq: 05 Jul 2018 13:13

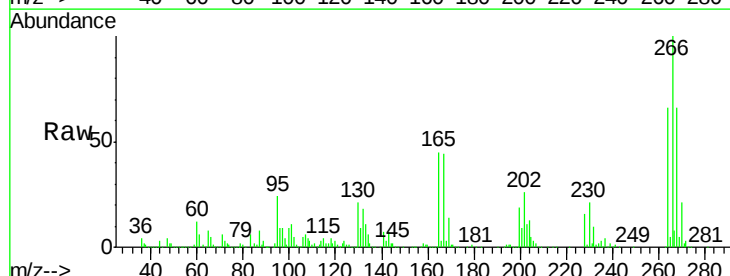
Tgt Ion:266 Resp: 709626

Ion Ratio Lower Upper

266 100

264 65.5 48.2 72.4

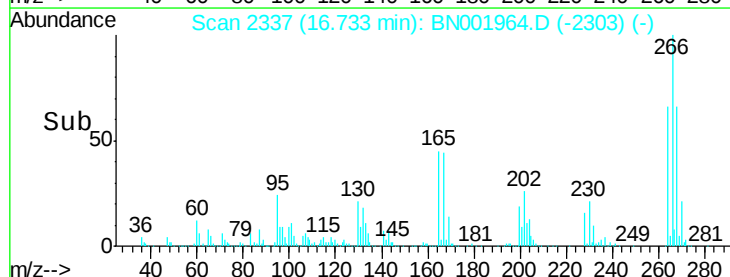
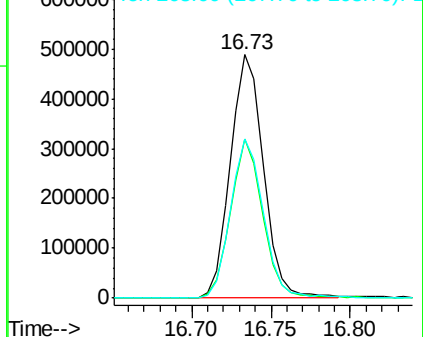
268 65.5 52.3 78.5

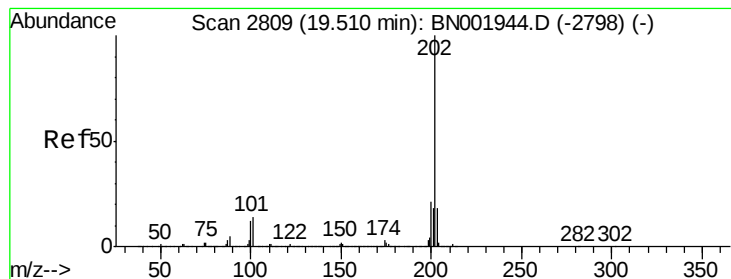


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77

Pyrene

Concen: 35.038 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001964.D

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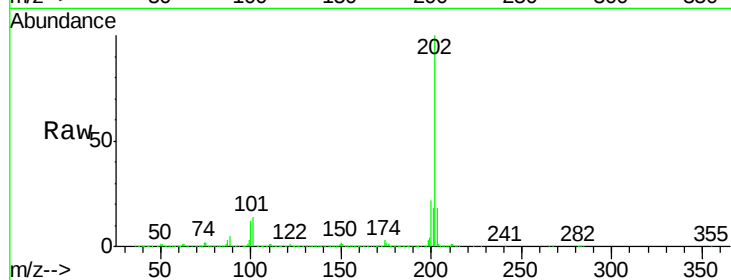
Tgt Ion: 202 Resp: 5983286

Ion Ratio Lower Upper

202 100

101 14.4 6.9 10.3#

100 11.8 5.6 8.4#



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

