

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070518\
 Data File : BN001965.D
 Acq On : 05 Jul 2018 13:48
 Operator : JU/SJ
 Sample : J3776-09MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZR3MSD

Quant Time: Jul 05 15:17:51 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	585408	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2658979	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1548917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3374137	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2703743	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2389307	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.27	96	70375	5.22	ng/uL	0.00
5) Phenol-d5	6.88	99	438712	8.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	696693	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	816765	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	667439	15.73	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	466611	23.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	516326	25.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	945782	21.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	95577	2.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3263902	24.95	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3862503	23.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	201032	8.34	ng/ul	0.00
57) Fluorene-d10	15.33	176	2722606	23.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	478198	26.02	ng/ul	0.00
70) Anthracene-d10	17.18	188	4431933	27.19	ng/ul	0.00
76) Pyrene-d10	19.48	212	4526491	33.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3624102	27.89	ng/ul	0.00

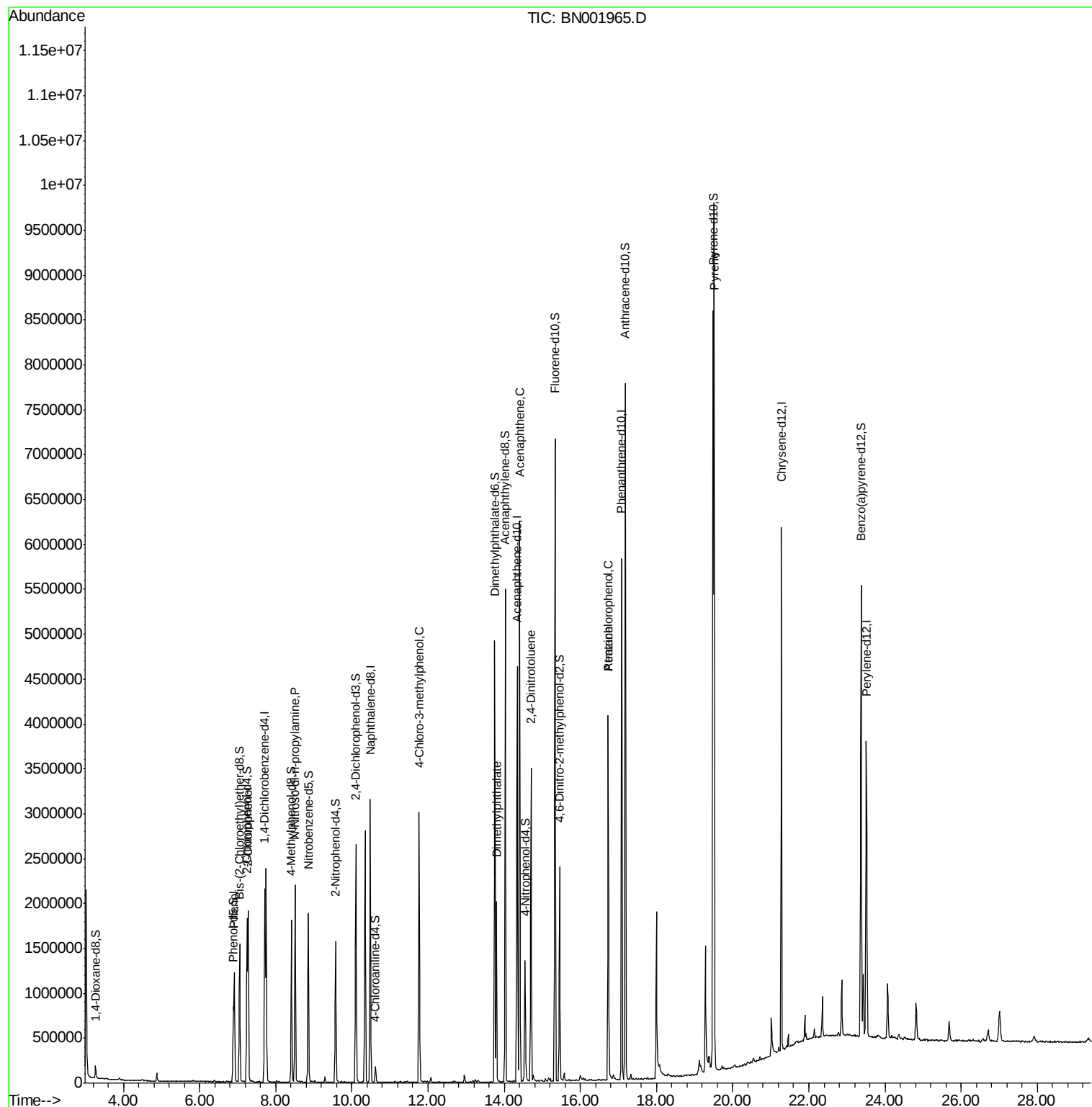
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.91	94	654051	12.242	ng/ul	100
10) 2-Chlorophenol	7.28	128	823400	19.367	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	798876	23.767	ng/ul	94
33) 4-Chloro-3-methylphenol	11.77	107	1066341	22.823	ng/ul	96
44) Dimethylphthalate	13.80	163	1257894	9.785	ng/ul	99
49) Acenaphthene	14.40	153	2558344	23.662	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	987605	27.364	ng/ul	93
67) Atrazine	16.73	200	102977	2.798	ng/ul#	35
68) Pentachlorophenol	16.73	266	672385	29.455	ng/ul	96
77) Pyrene	19.51	202	5746086	33.961	ng/ul#	85

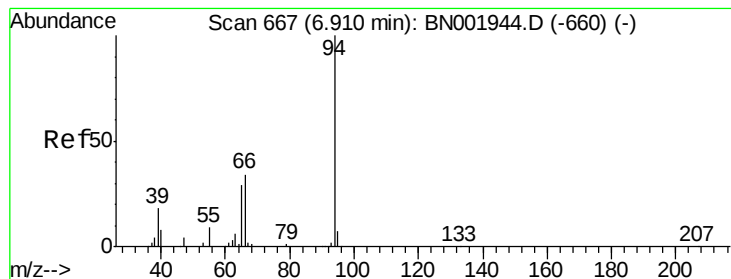
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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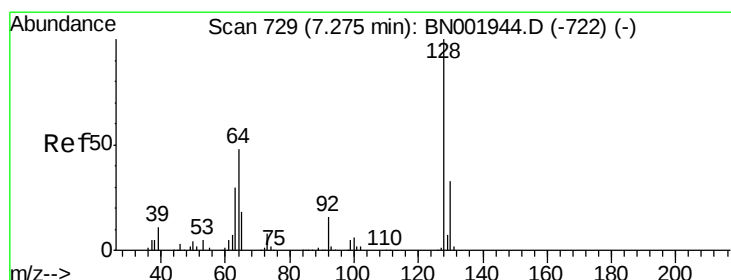
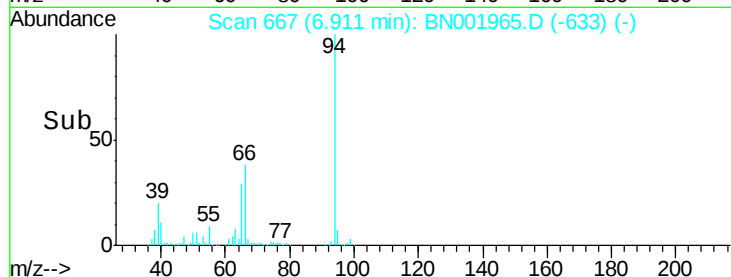
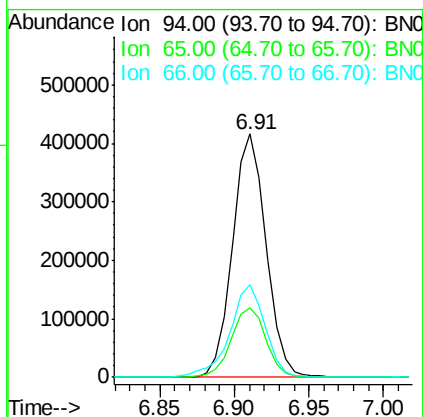
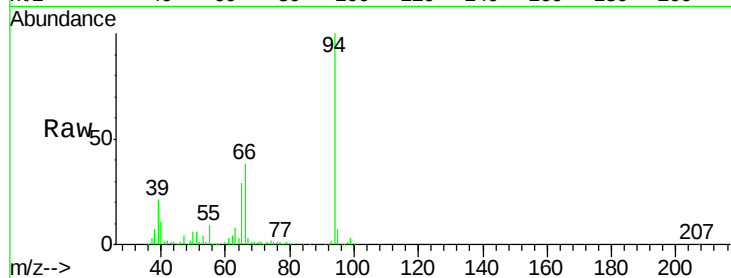
#6

Phenol

Concen: 12.242 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BN001965.D
 Acq: 05 Jul 2018 13:48

Instrument :
 BNA_N
 ClientSampleId :
 DAZR3MSD

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	23.0	34.6
66	38.0	30.4	45.6

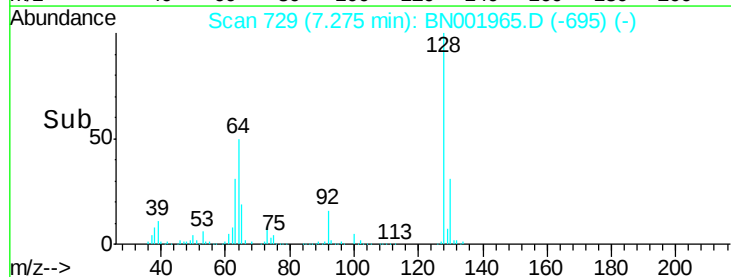
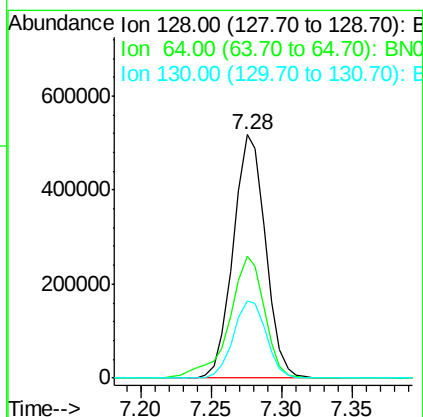
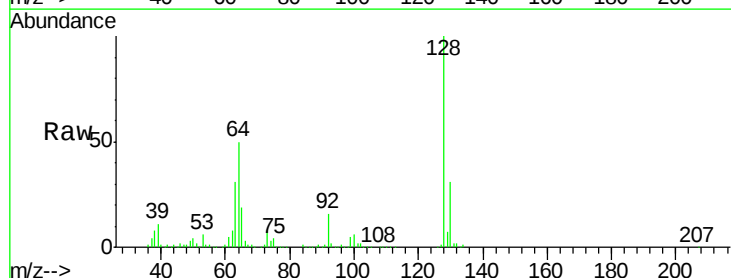


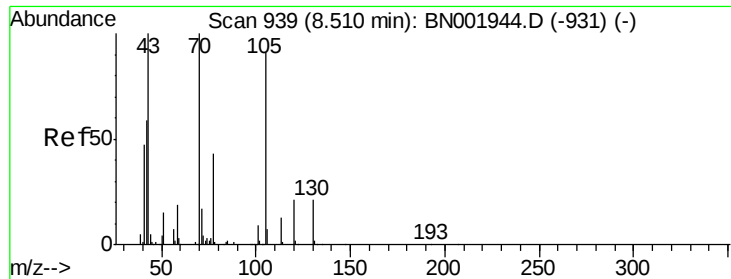
#10

2-Chlorophenol

Concen: 19.367 ng/ul
 RT: 7.28 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BN001965.D
 Acq: 05 Jul 2018 13:48

Tgt Ion	Ratio	Lower	Upper
128	100		
64	50.1	39.8	59.6
130	31.5	25.8	38.8





#15

N-Nitroso-di-n-propylamine

Concen: 23.767 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

Lab File: BN001965.D

Acq: 05 Jul 2018 13:48

Instrument :

BNA_N

ClientSampleId :

DAZR3MSD

Tgt Ion: 70 Resp: 798876

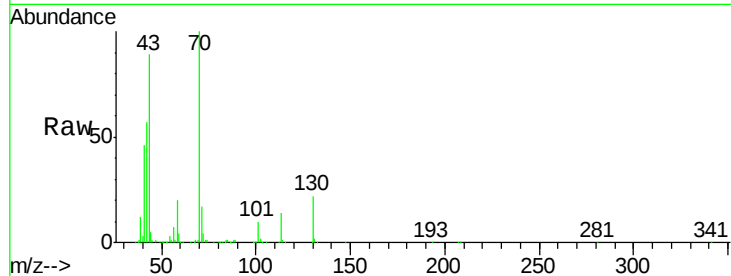
Ion Ratio Lower Upper

70 100

42 56.7 40.2 60.4

101 9.9 7.7 11.5

130 21.6 17.8 26.6

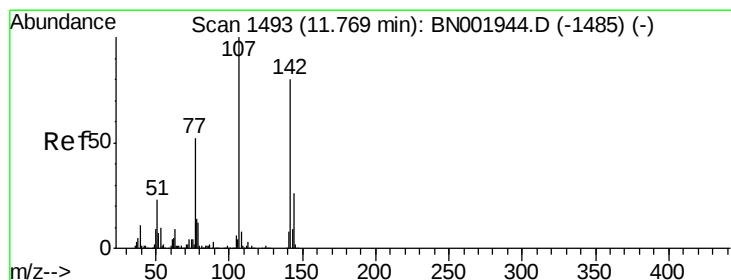
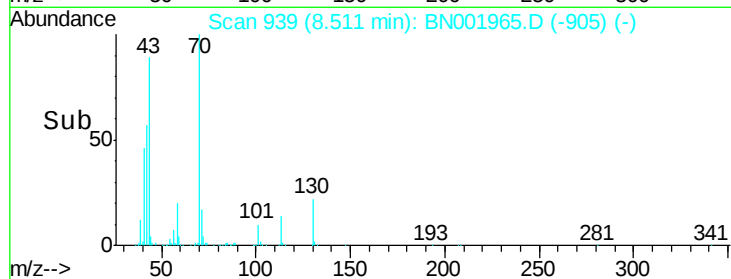
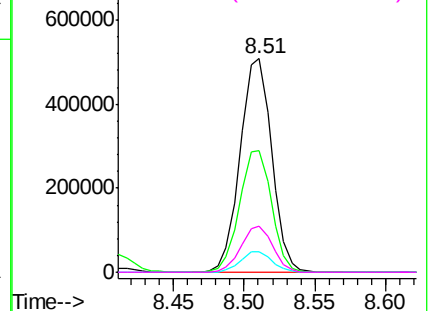


Abundance Ion 70.00 (69.70 to 70.70): BN001944.D (-931) (-)

Ion 42.00 (41.70 to 42.70): BN001944.D (-931) (-)

Ion 101.00 (100.70 to 101.70): BN001944.D (-931) (-)

Ion 130.00 (129.70 to 130.70): BN001944.D (-931) (-)



#33

4-Chloro-3-methylphenol

Concen: 22.823 ng/ul

RT: 11.77 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN001965.D

Acq: 05 Jul 2018 13:48

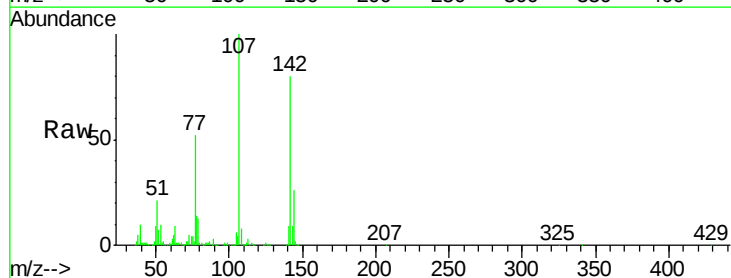
Tgt Ion: 107 Resp: 1066341

Ion Ratio Lower Upper

107 100

144 26.2 21.1 31.7

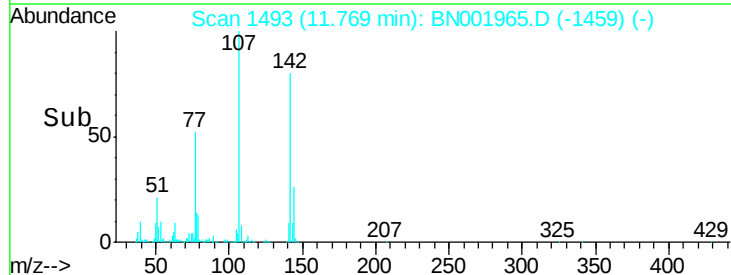
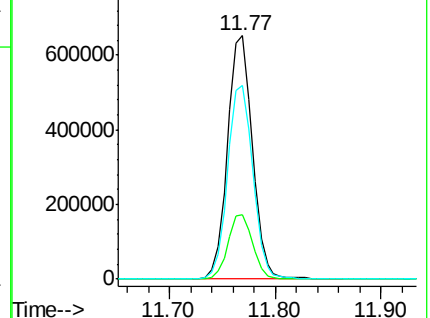
142 79.6 60.1 90.1

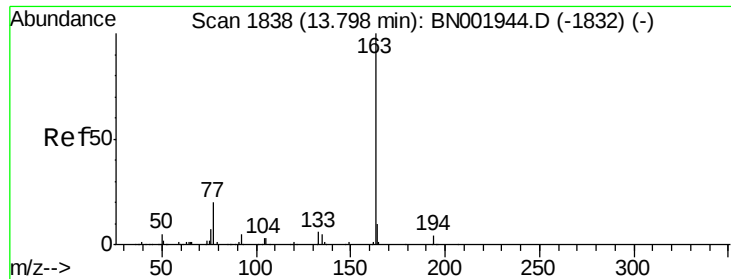


Abundance Ion 107.00 (106.70 to 107.70): BN001944.D (-1485) (-)

Ion 144.00 (143.70 to 144.70): BN001944.D (-1485) (-)

Ion 142.00 (141.70 to 142.70): BN001944.D (-1485) (-)

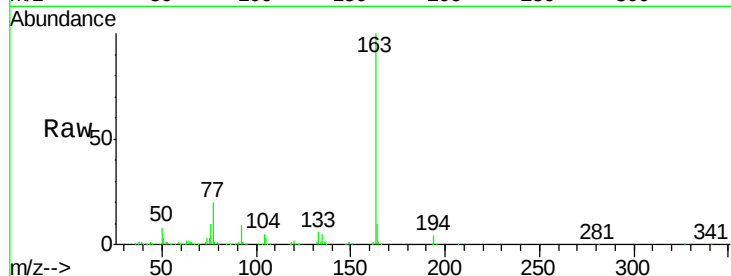




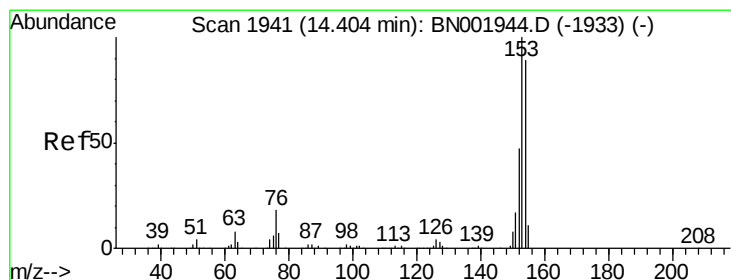
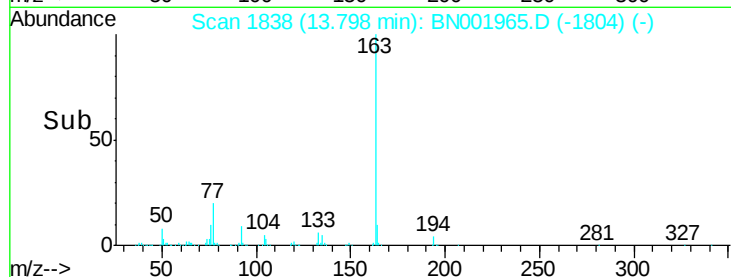
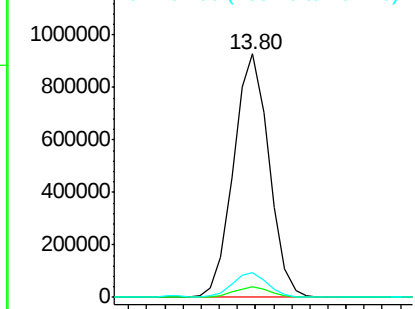
#44
Dimethylphthalate
Concen: 9.785 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001965.D
Acq: 05 Jul 2018 13:48

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Tgt Ion:163 Resp: 1257894
Ion Ratio Lower Upper
163 100
194 4.2 4.0 6.0
164 10.3 8.4 12.6

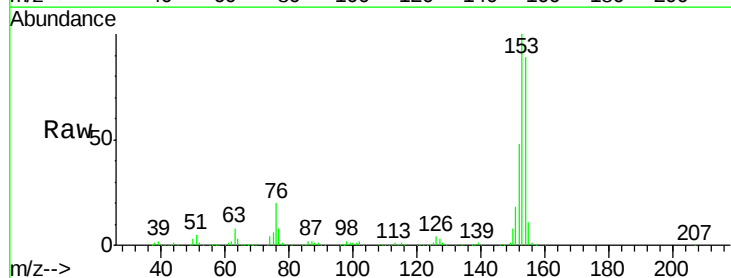


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

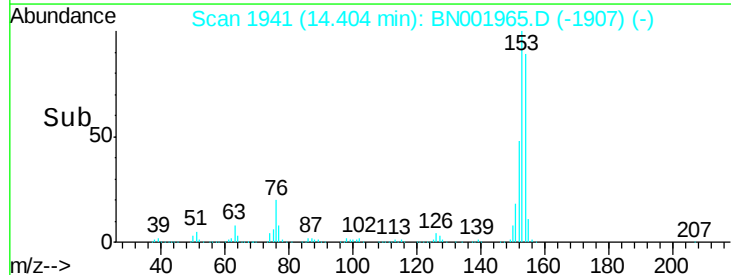
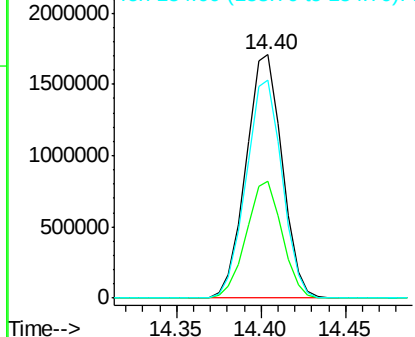


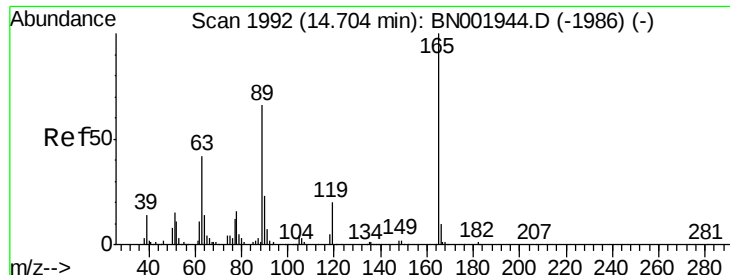
#49
Acenaphthene
Concen: 23.662 ng/ul
RT: 14.40 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BN001965.D
Acq: 05 Jul 2018 13:48

Tgt Ion:153 Resp: 2558344
Ion Ratio Lower Upper
153 100
152 47.8 37.9 56.9
154 89.4 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: 27.364 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BN001965.D

Acq: 05 Jul 2018 13:48

Instrument :

BNA_N

ClientSampleId :

DAZR3MSD

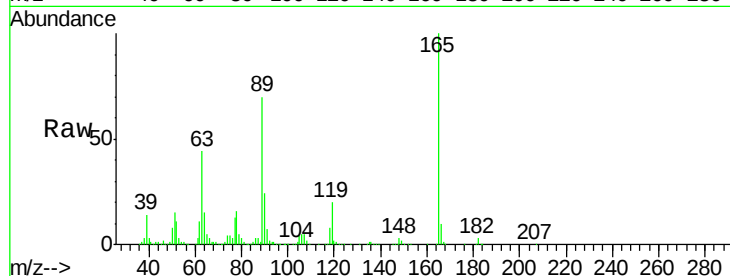
Tgt Ion:165 Resp: 987605

Ion Ratio Lower Upper

165 100

63 43.9 31.4 47.0

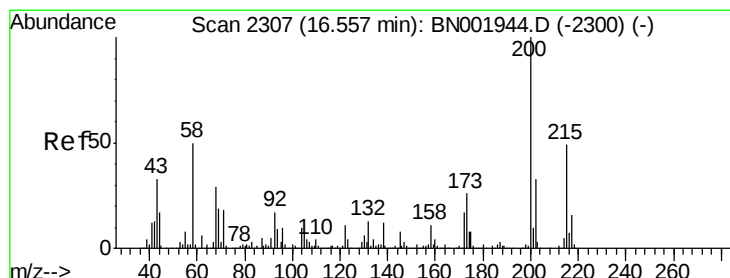
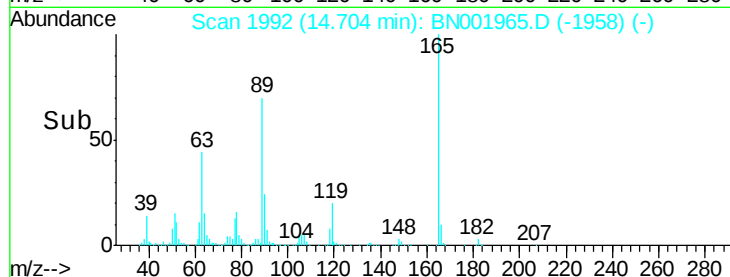
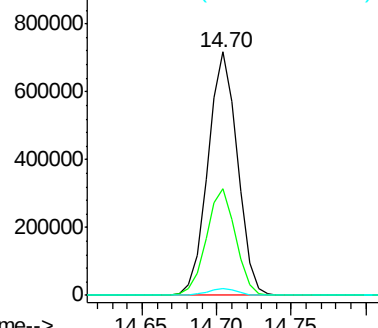
182 3.1 2.7 4.1



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



#67

Atrazine

Concen: 2.798 ng/ul

RT: 16.73 min Scan# 2337

Delta R.T. 0.18 min

Lab File: BN001965.D

Acq: 05 Jul 2018 13:48

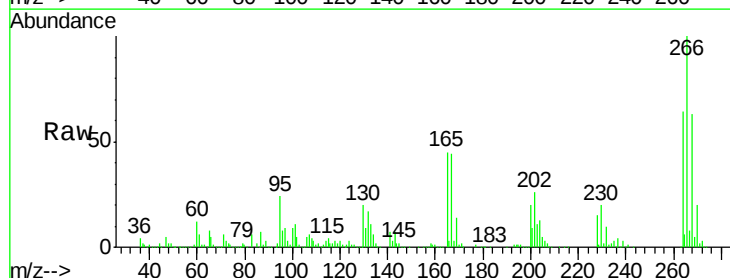
Tgt Ion:200 Resp: 102977

Ion Ratio Lower Upper

200 100

173 0.0 20.6 31.0#

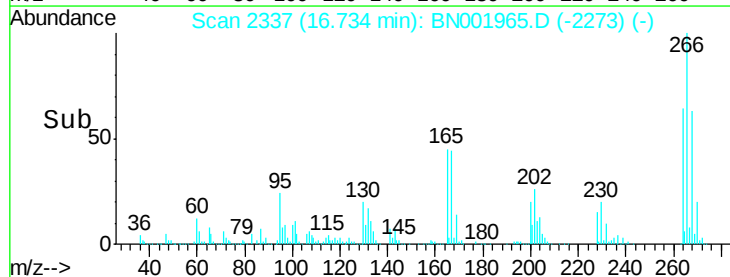
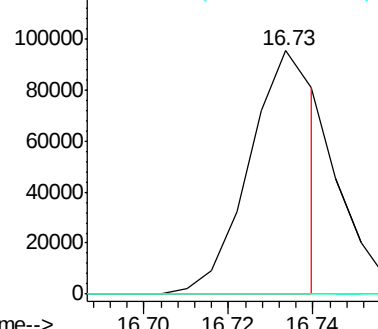
215 0.0 39.8 59.6#

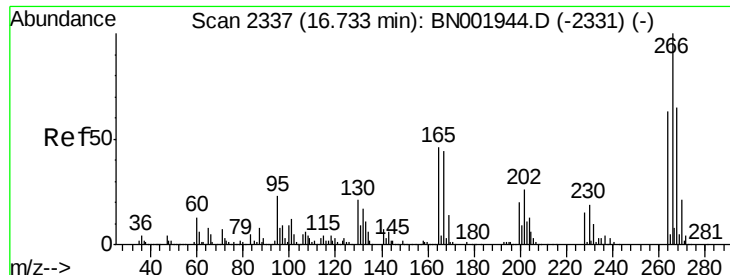


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

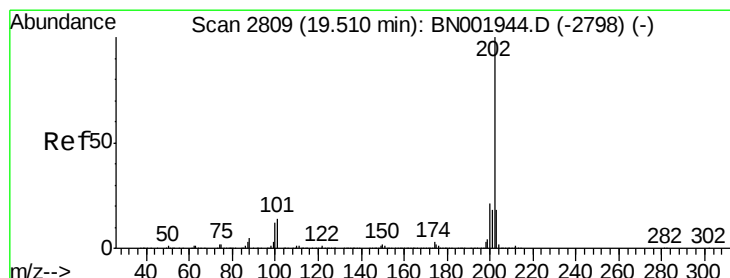
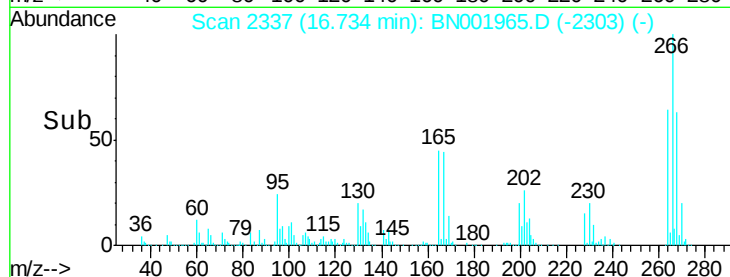
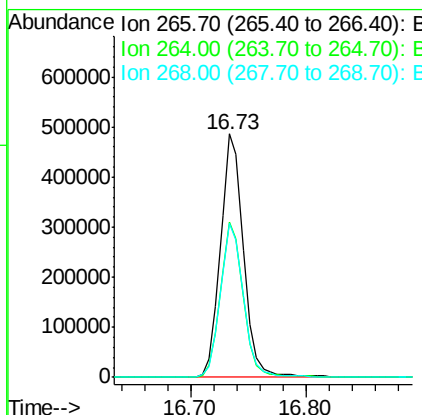
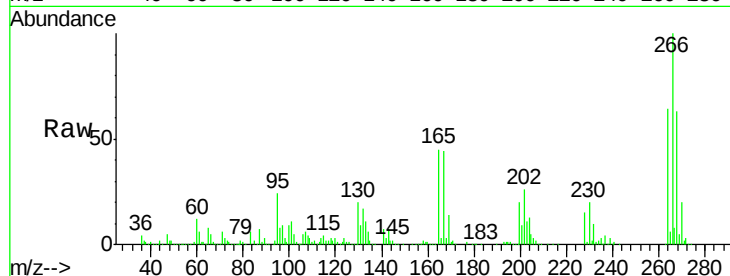




#68
 Pentachlorophenol
 Concen: 29.455 ng/ul
 RT: 16.73 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BN001965.D
 Acq: 05 Jul 2018 13:48

Instrument :
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Tgt Ion:266 Resp: 672385
 Ion Ratio Lower Upper
 266 100
 264 64.0 48.2 72.4
 268 63.3 52.3 78.5



#77
 Pyrene
 Concen: 33.961 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BN001965.D
 Acq: 05 Jul 2018 13:48

Tgt Ion:202 Resp: 5746086
 Ion Ratio Lower Upper
 202 100
 101 14.3 6.9 10.3#
 100 11.7 5.6 8.4#

