

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
 Data File : BN001889.D
 Acq On : 20 Jun 2018 16:20
 Operator : JU/SJ
 Sample : J3527-17MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAXS9MSD

Quant Time: Jun 20 17:19:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 14:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	475701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2004909	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1065256	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2196999	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	2152817	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	2210421	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	60035	5.48	ng/uL	0.00
5) Phenol-d5	6.89	99	229975	5.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	684269	25.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	716629	21.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	425469	12.34	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	429413	28.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	456873	29.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	802654	24.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	41707	1.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	2440711	27.13	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3142561	28.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	71968	4.34	ng/ul	0.00
57) Fluorene-d10	15.34	176	2113365	26.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	294134	24.58	ng/ul	0.00
70) Anthracene-d10	17.19	188	2980341	28.08	ng/ul	0.00
76) Pyrene-d10	19.49	212	3174876	29.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	3429340	28.53	ng/ul	0.01

Target Compounds

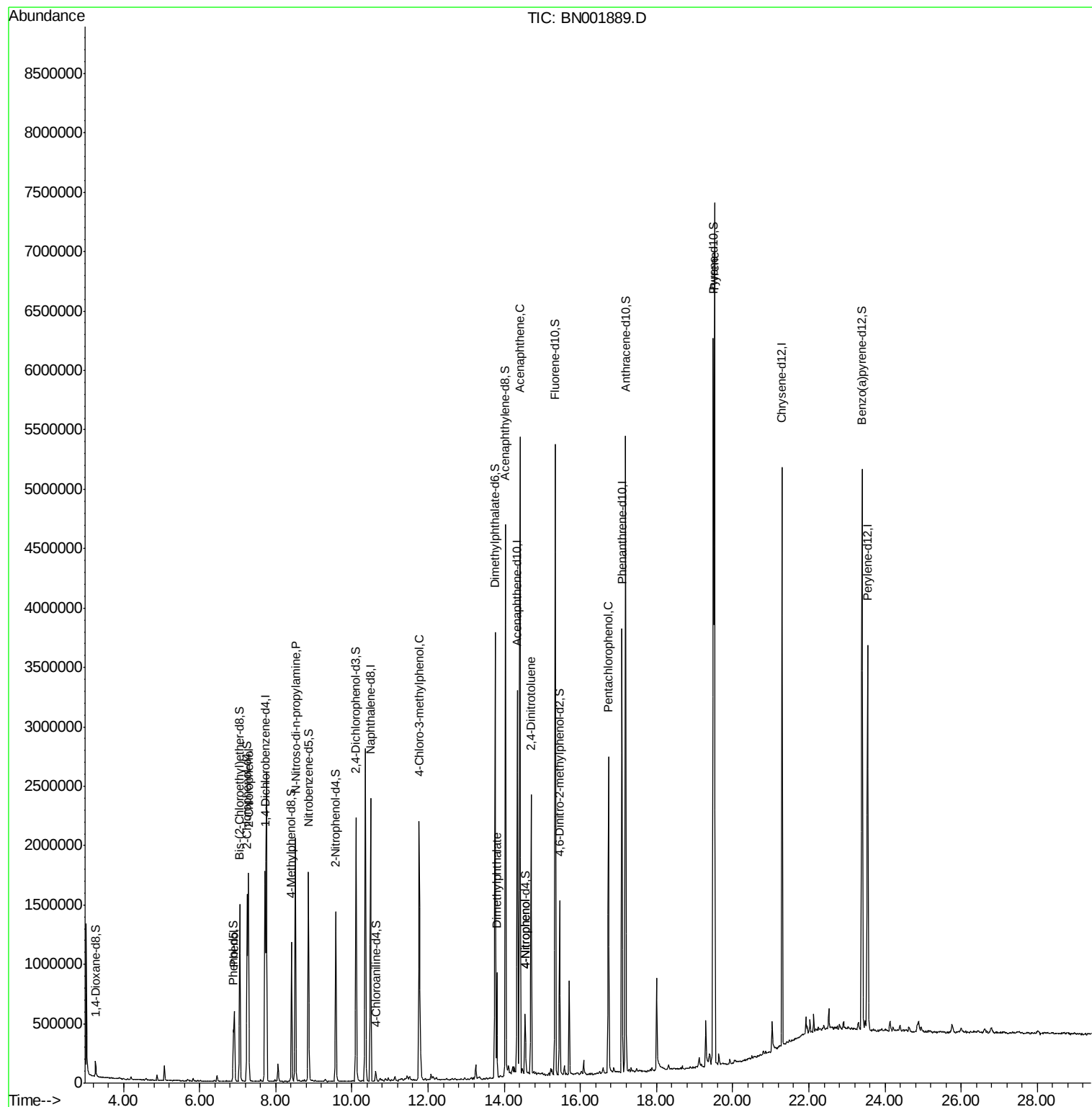
					Ovalue
6) Phenol	6.91	94	309054	7.119	ng/ul 100
10) 2-Chlorophenol	7.28	128	747196	21.628	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	726884	26.613	ng/ul 93
33) 4-Chloro-3-methylphenol	11.77	107	760557	21.589	ng/ul 94
44) Dimethylphthalate	13.80	163	537871	6.084	ng/ul 98
49) Acenaphthene	14.41	153	2143129	28.821	ng/ul 98
52) 4-Nitrophenol	14.55	109	59363	4.817	ng/ul# 71
54) 2,4-Dinitrotoluene	14.71	165	653364	26.323	ng/ul 96
68) Pentachlorophenol	16.74	266	454452	30.575	ng/ul 96
77) Pyrene	19.52	202	4182360	31.044	ng/ul# 87

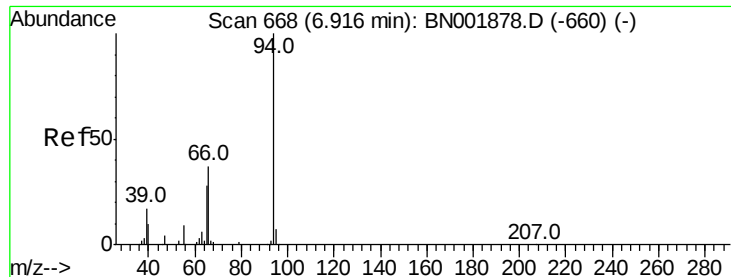
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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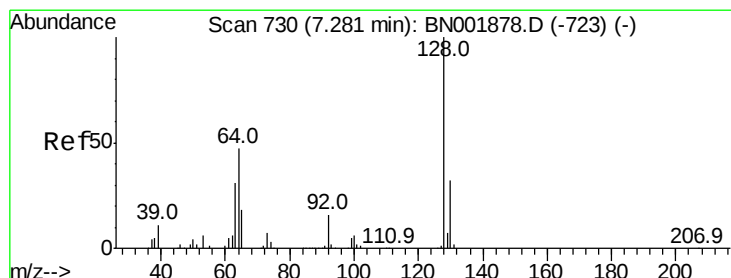
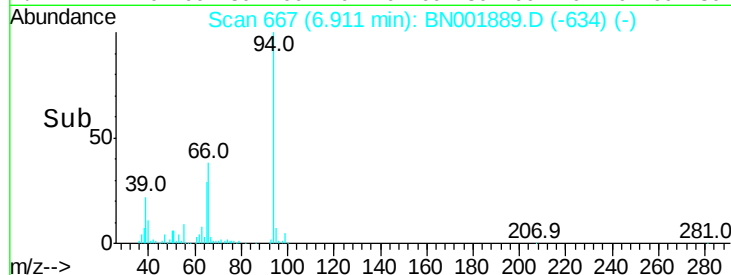
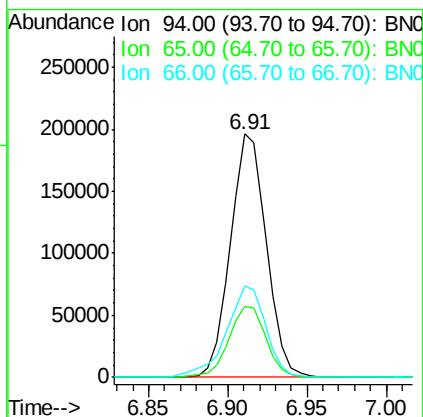
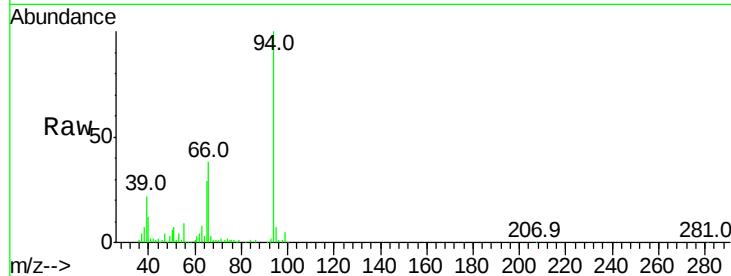
#6

Phenol

Concen: 7.119 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BN001889.D
 Acq: 20 Jun 2018 16:20

Instrument :
 BNA_N
 ClientSampleId :
 DAXS9MSD

Tot Ion	94	Resp	309054
Ion Ratio	Lower	Upper	
94	100		
65	29.0	23.0	34.6
66	37.7	30.4	45.6

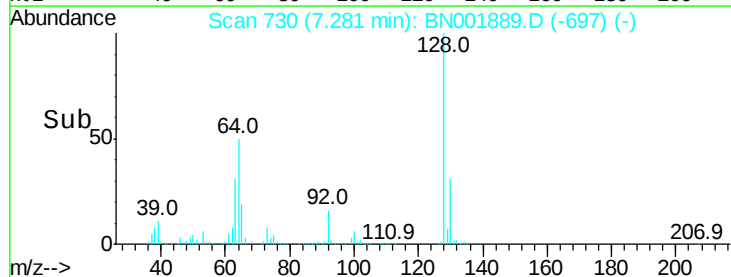
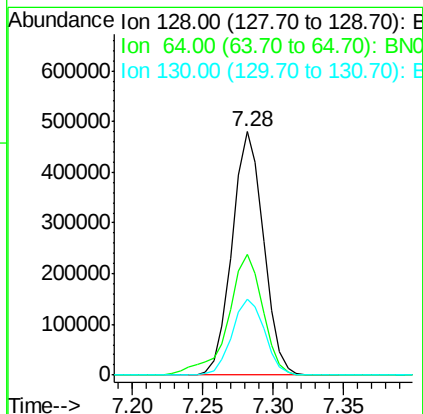
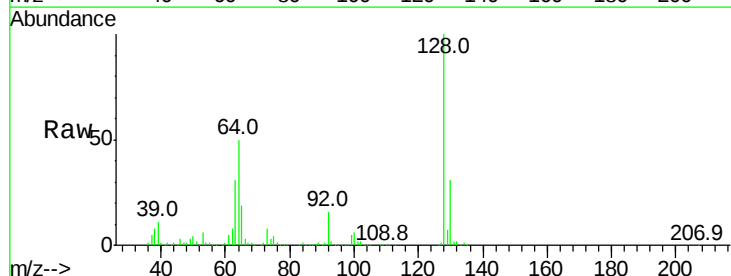


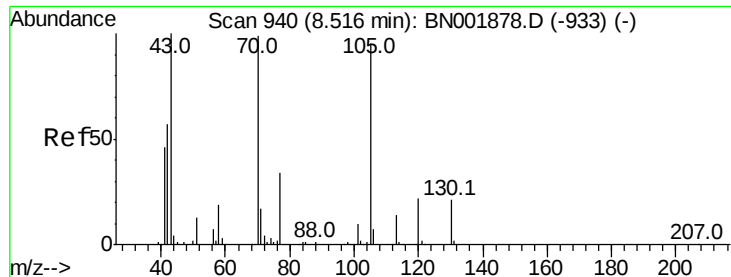
#10

2-Chlorophenol

Concen: 21.628 ng/ul
 RT: 7.28 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BN001889.D
 Acq: 20 Jun 2018 16:20

Tgt Ion	128	Resp	747196
Ion Ratio	Lower	Upper	
128	100		
64	49.8	39.8	59.6
130	31.0	25.8	38.8





#15

N-Nitroso-di-n-propylamine

Concen: 26.613 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.01 min

Lab File: BN001889.D

Acq: 20 Jun 2018 16:20

Instrument :

BNA_N

ClientSampleId :

DAXS9MSD

Tot Ion: 70 Resp: 726884

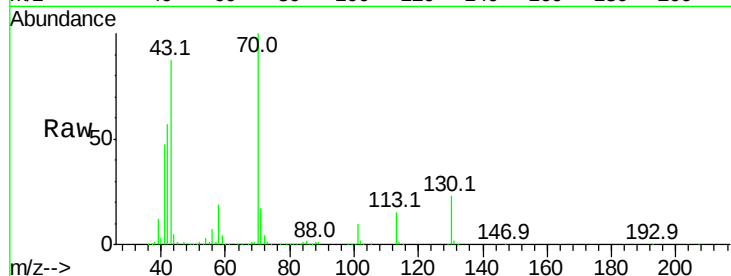
Ion Ratio Lower Upper

70 100

42 57.4 40.2 60.4

101 10.0 7.7 11.5

130 22.6 17.8 26.6

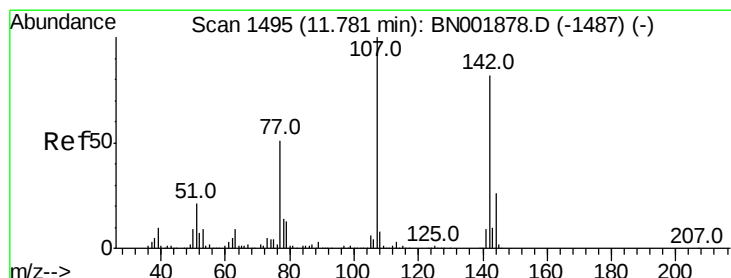
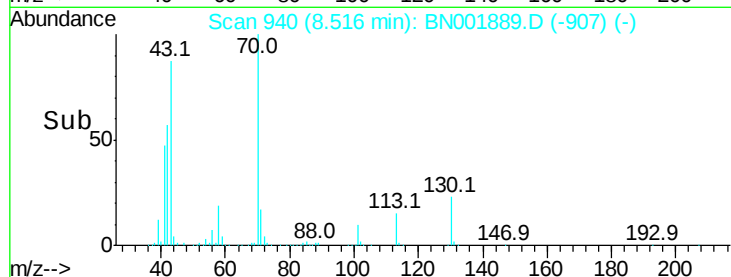
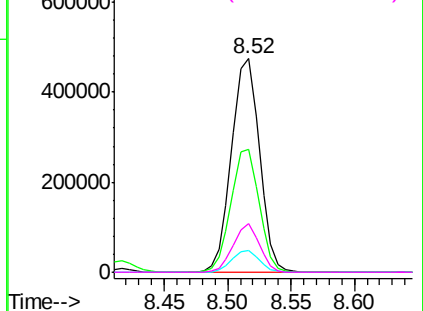


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 21.589 ng/ul

RT: 11.77 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BN001889.D

Acq: 20 Jun 2018 16:20

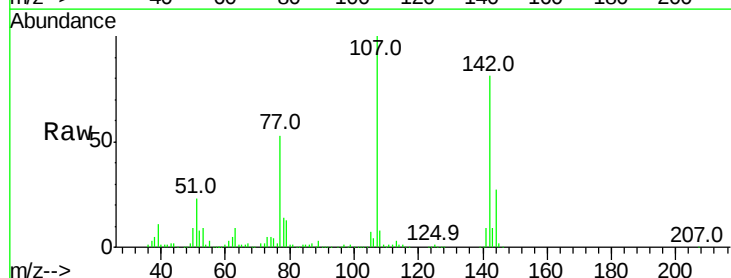
Tgt Ion:107 Resp: 760557

Ion Ratio Lower Upper

107 100

144 27.1 21.1 31.7

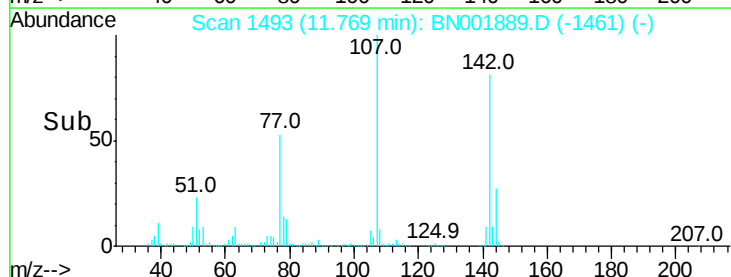
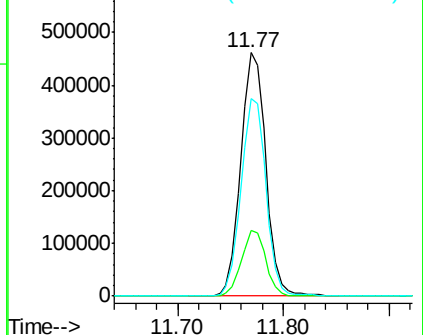
142 81.3 60.1 90.1

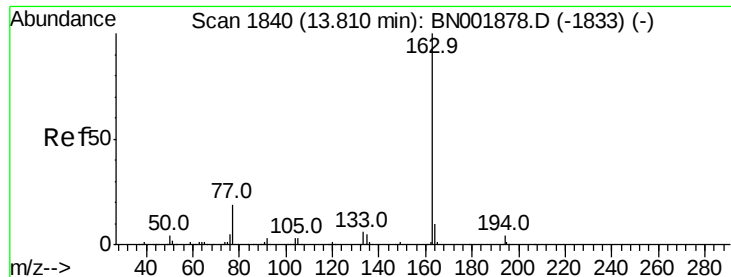


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 6.084 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BN001889.D

Acq: 20 Jun 2018 16:20

Instrument :

BNA_N

ClientSampleId :

DAXS9MSD

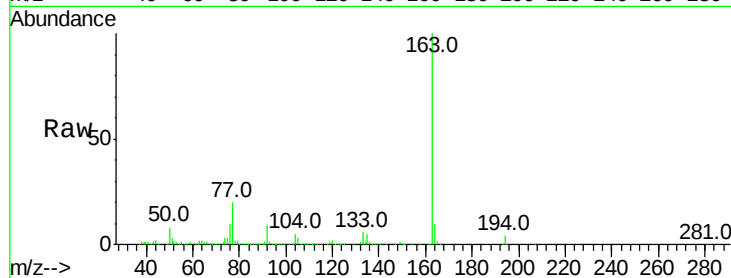
Tot Ion:163 Resp: 537871

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

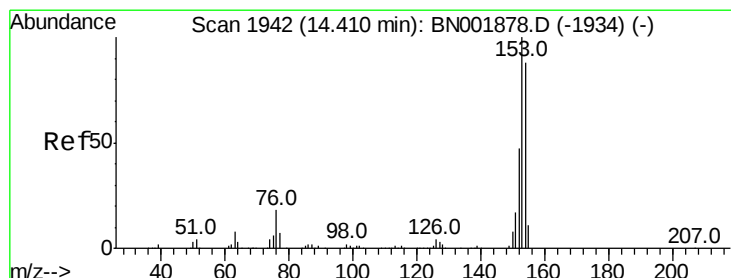
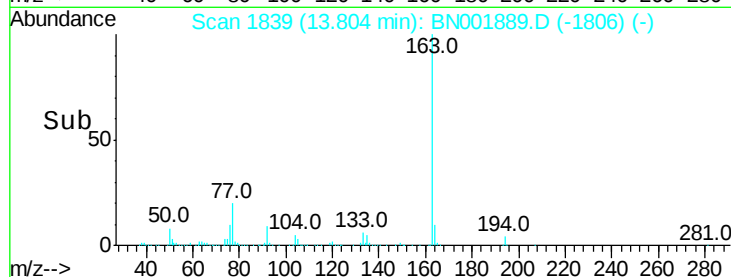
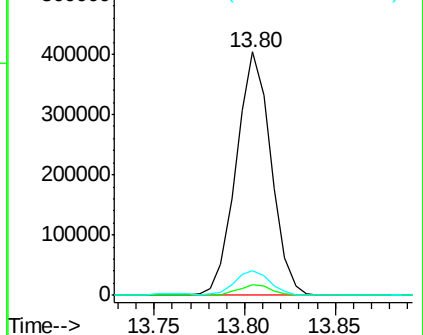
164 9.9 8.4 12.6



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: 28.821 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BN001889.D

Acq: 20 Jun 2018 16:20

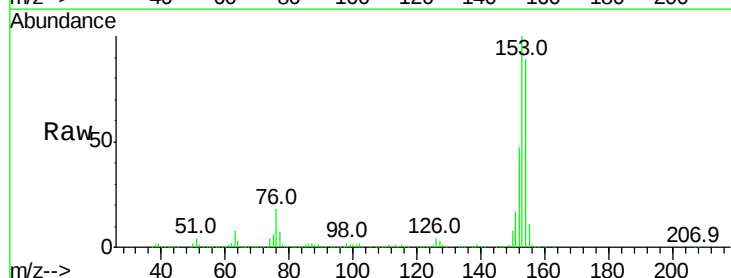
Tgt Ion:153 Resp: 2143129

Ion Ratio Lower Upper

153 100

152 46.6 37.9 56.9

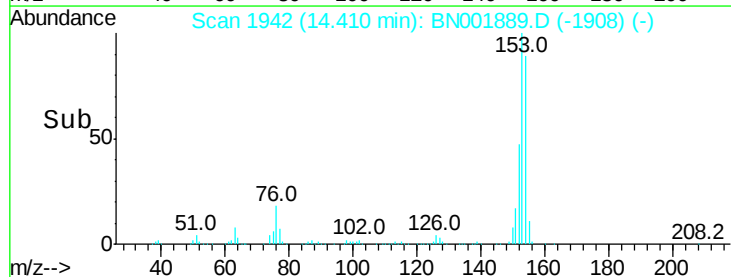
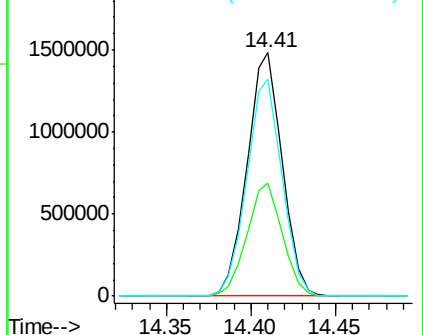
154 89.2 69.8 104.6

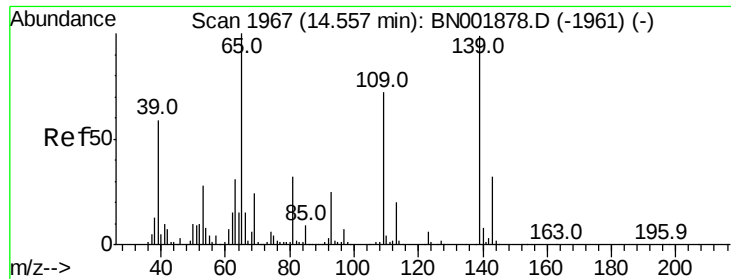


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 4.817 ng/ul

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN001889.D

Acq: 20 Jun 2018 16:20

Instrument :

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ClientSampleId :

DAXS9MSD

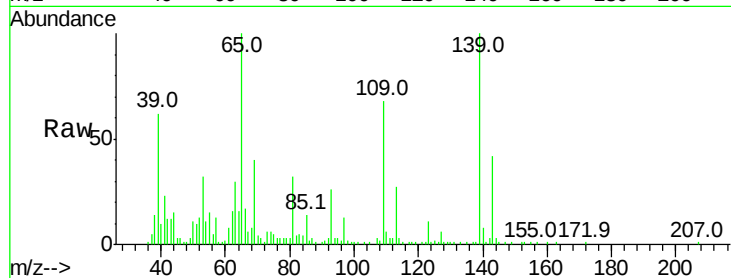
Tot Ion:109 Resp: 59363

Ion Ratio Lower Upper

109 100

139 146.3 91.2 136.8#

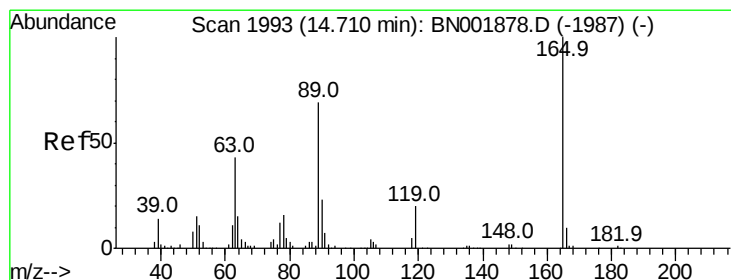
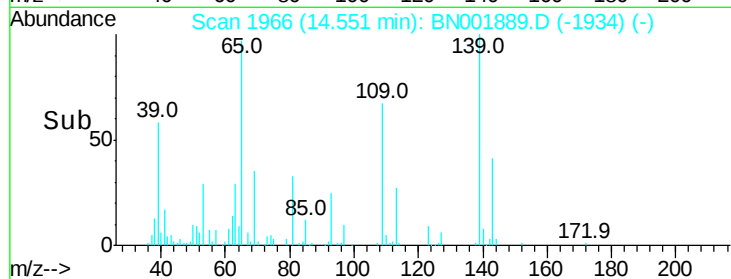
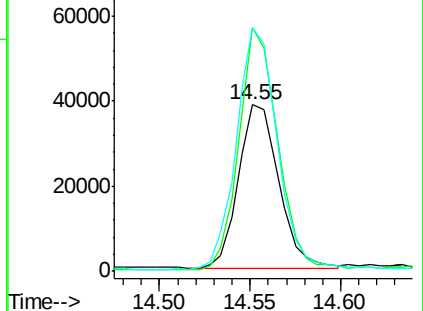
65 146.1 92.6 139.0#



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: 26.323 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BN001889.D

Acq: 20 Jun 2018 16:20

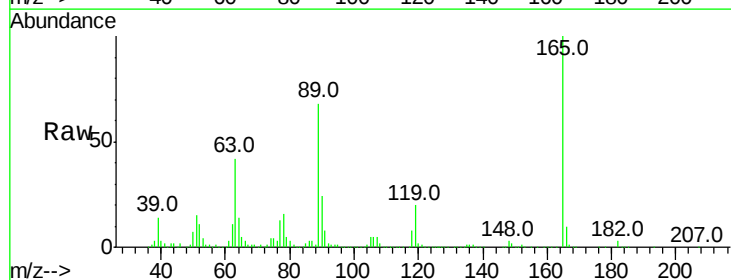
Tgt Ion:165 Resp: 653364

Ion Ratio Lower Upper

165 100

63 41.6 31.4 47.0

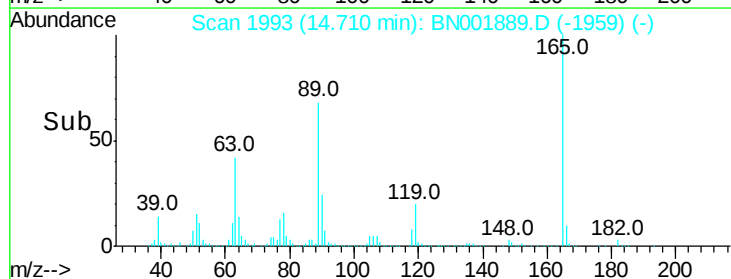
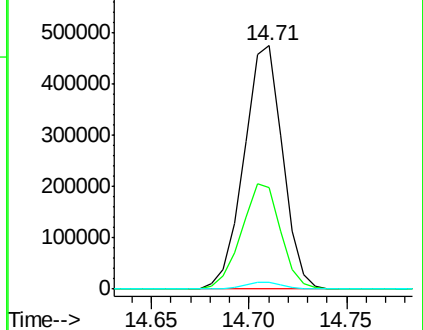
182 2.7 2.7 4.1

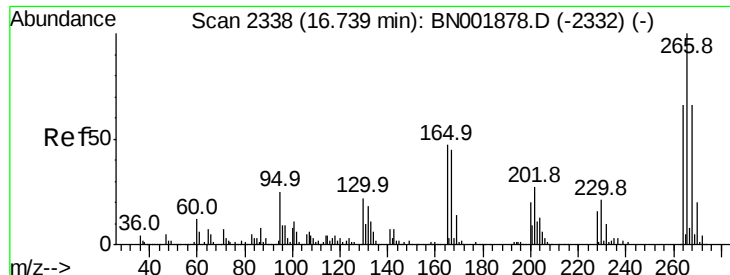


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 30.575 ng/ul

RT: 16.74 min Scan# 2338

Delta R.T. -0.01 min

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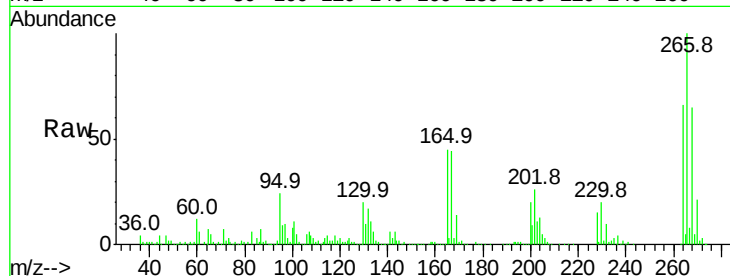
Tot Ion:266 Resp: 454452

Ion Ratio Lower Upper

266 100

264 65.9 48.2 72.4

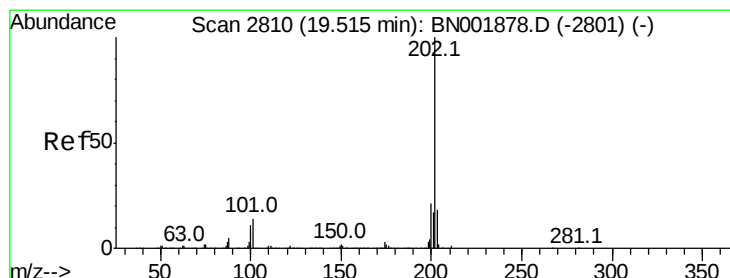
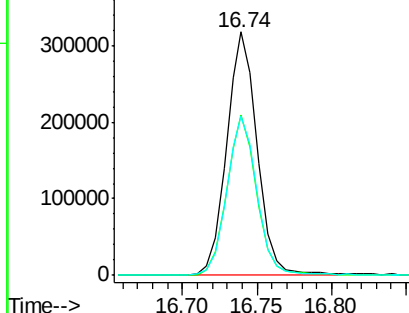
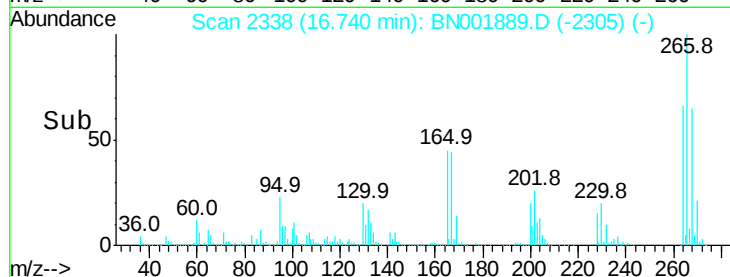
268 65.4 52.3 78.5



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: 31.044 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BN001889.D

Acq: 20 Jun 2018 16:20

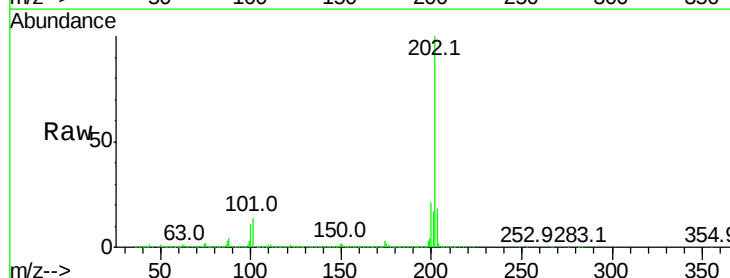
Tgt Ion:202 Resp: 4182360

Ion Ratio Lower Upper

202 100

101 13.8 6.9 10.3#

100 11.1 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

