

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071618\
 Data File : BN002062.D
 Acq On : 16 Jul 2018 23:26
 Operator : JU/SJ
 Sample : J3986-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1C6MSD

Quant Time: Jul 17 00:52:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 17 00:49:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	310125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1447466	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	908210	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2101044	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	2228620	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	2109148	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	46131	6.71	ng/uL	0.00
5) Phenol-d5	6.88	99	285906	9.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	497336	27.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	567475	24.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	440885	18.74	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	343307	28.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	385183	28.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	638736	26.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	1563	0.06	ng/ul	0.02
43) Dimethylphthalate-d6	13.75	166	2291332	29.76	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2451856	25.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	139818	9.51	ng/ul	0.00
57) Fluorene-d10	15.33	176	1951502	29.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	378814	27.68	ng/ul	0.00
70) Anthracene-d10	17.18	188	2811666	27.45	ng/ul	0.00
78) Pyrene-d10	19.49	212	3167459	27.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	2925991	25.69	ng/ul	0.00

Target Compounds

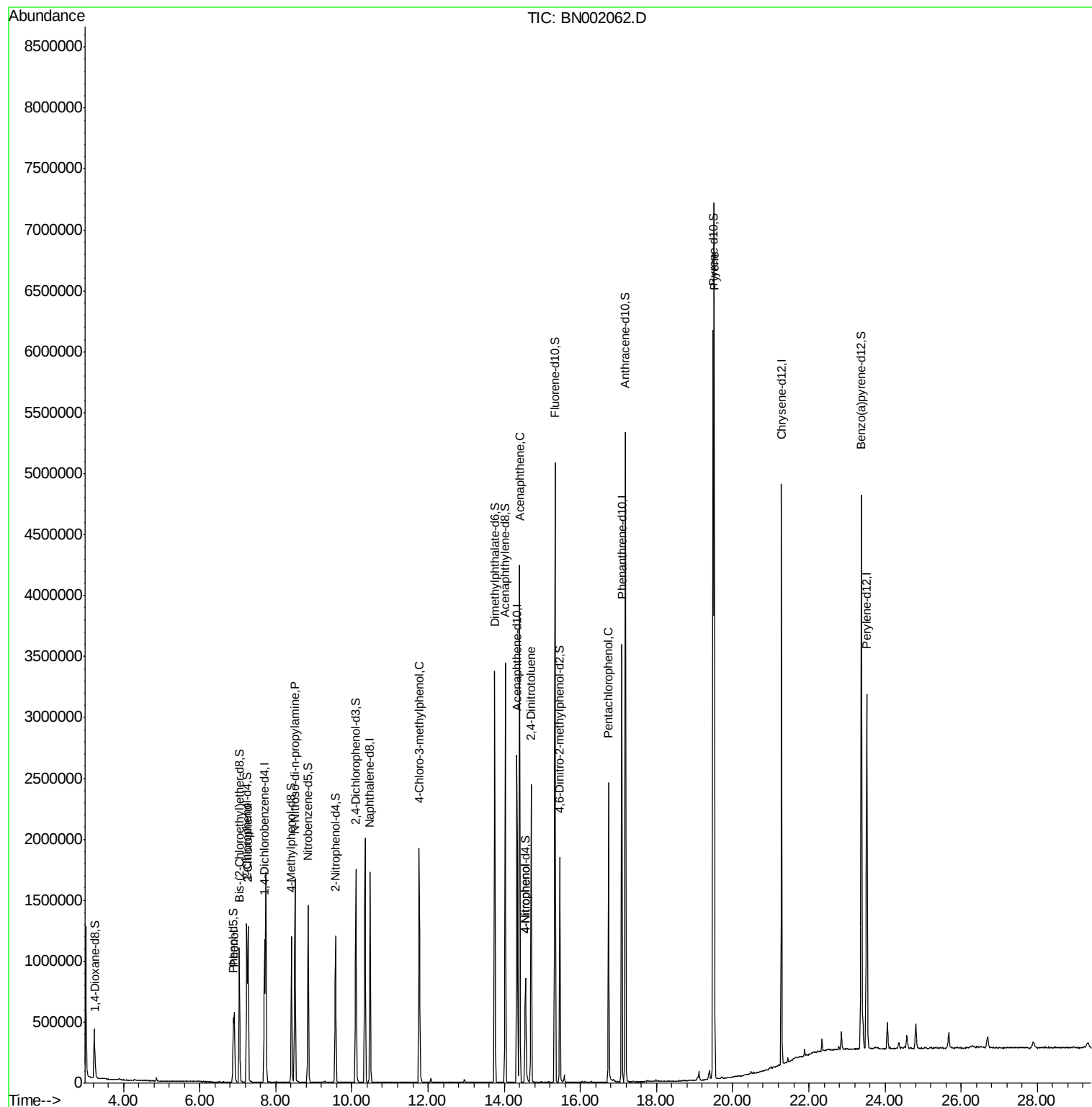
					Ovalue	
6) Phenol	6.91	94	296337	10.104	ng/ul	93
10) 2-Chlorophenol	7.27	128	549263	23.872	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.50	70	601950	30.767	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.77	107	695823	26.254	ng/ul	100
49) Acenaphthene	14.40	153	1760111	27.736	ng/ul	98
52) 4-Nitrophenol	14.56	109	113026	10.995	ng/ul#	82
54) 2,4-Dinitrotoluene	14.71	165	689332	29.821	ng/ul	93
68) Pentachlorophenol	16.74	266	424596	29.176	ng/ul	98
79) Pvrene	19.52	202	4178222	29.217	ng/ul	100

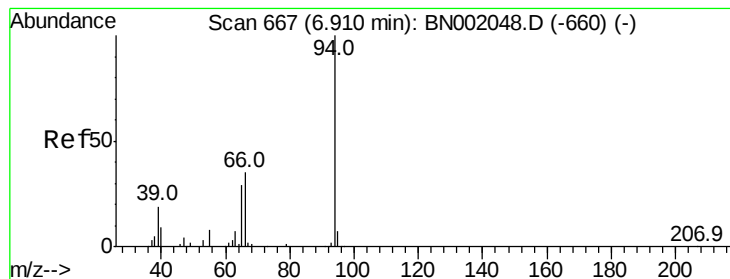
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 10.104 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BN002062.D

Acq: 16 Jul 2018 23:26

Instrument :

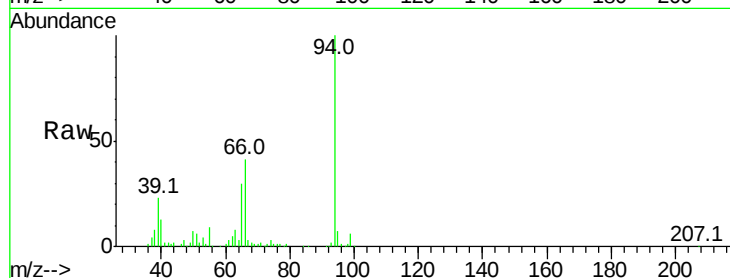
BNA_N

ClientSampleId :

DB1C6MSD

Tot Ion: 94 Resp: 296337

Ion	Ratio	Lower	Upper
94	100		
65	29.9	21.0	31.6
66	40.9	29.3	43.9

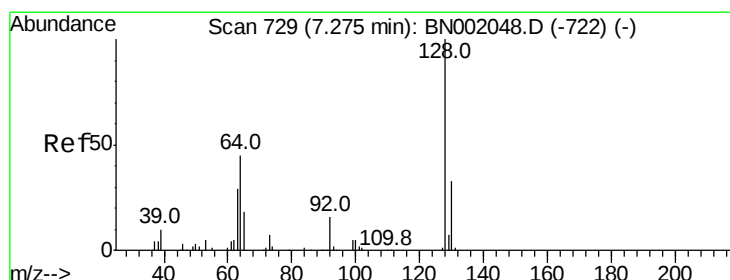
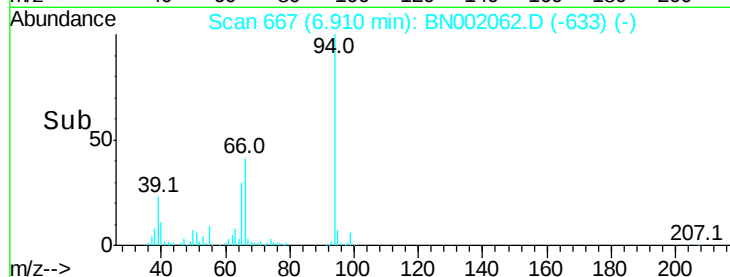


Abundance

Ion 94.00 (93.70 to 94.70): BN002048.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BN002048.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BN002048.D (-660) (-)



#10

2-Chlorophenol

Concen: 23.872 ng/ul

RT: 7.27 min Scan# 729

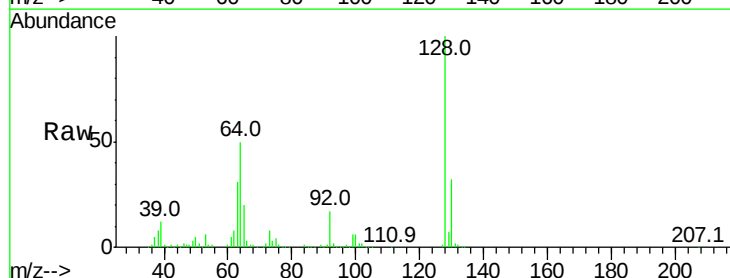
Delta R.T. -0.00 min

Lab File: BN002062.D

Acq: 16 Jul 2018 23:26

Tgt Ion:128 Resp: 549263

Ion	Ratio	Lower	Upper
128	100		
64	49.6	31.9	47.9#
130	32.4	25.6	38.4

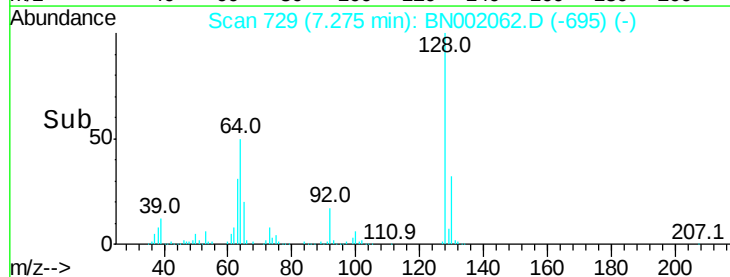


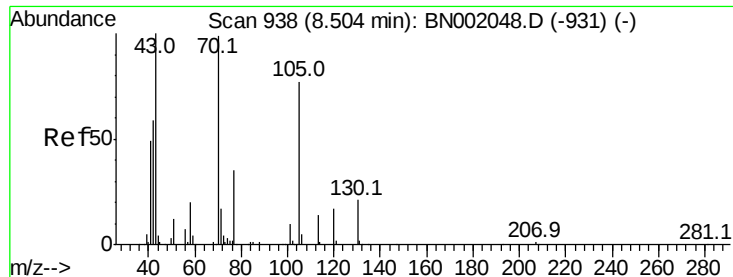
Abundance

Ion 128.00 (127.70 to 128.70): BN002048.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BN002048.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BN002048.D (-722) (-)

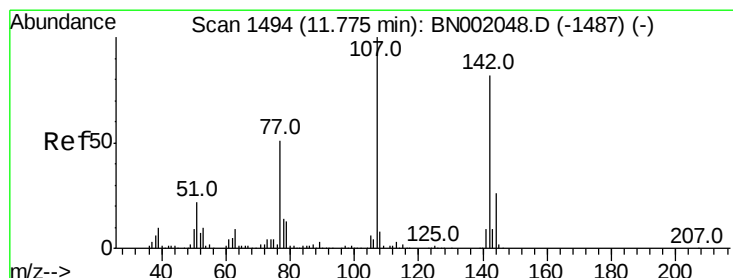
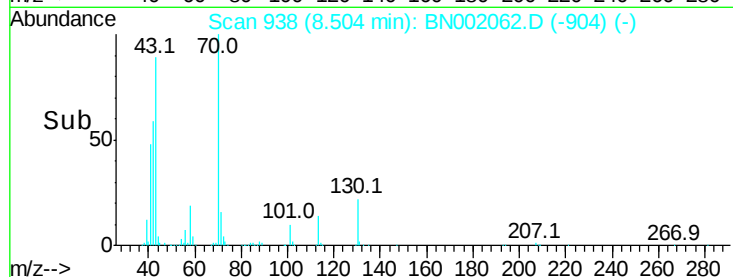
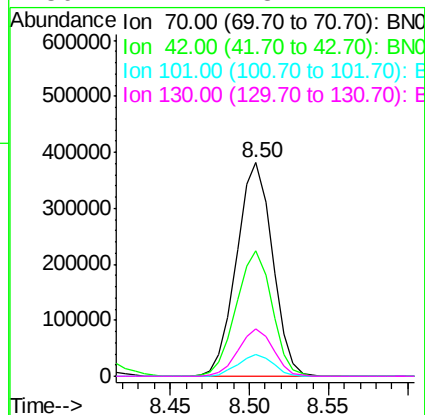
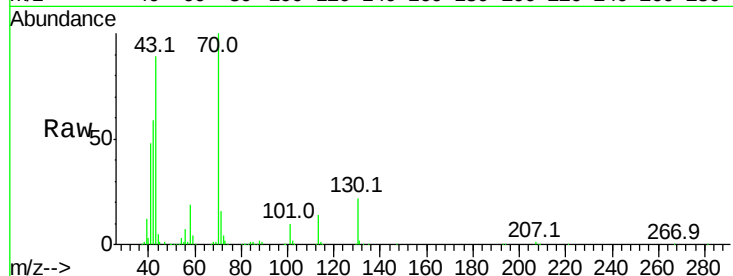




#15
N-Nitroso-di-n-propylamine
Concen: 30.767 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. -0.00 min
Lab File: BN002062.D
Acq: 16 Jul 2018 23:26

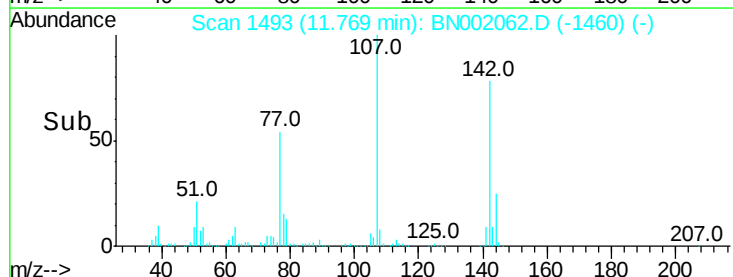
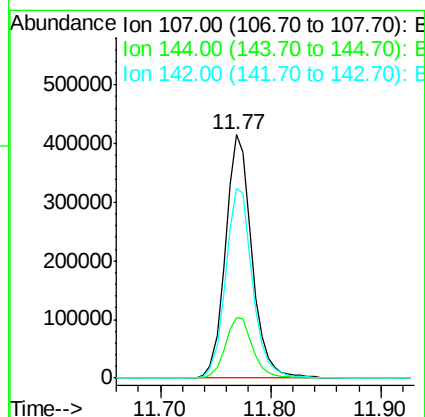
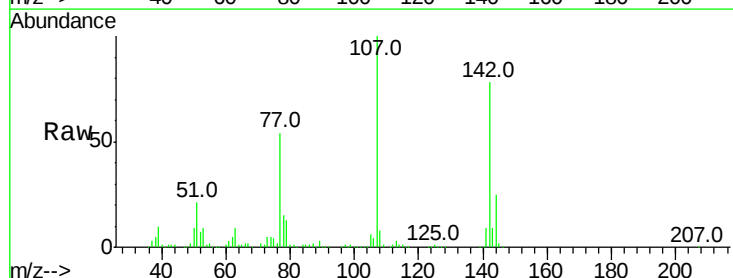
Instrument :
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DB1C6MSD

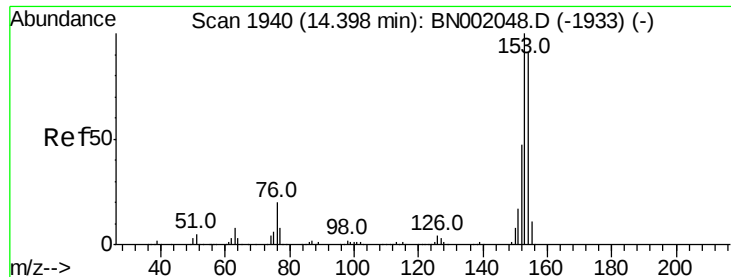
Tot Ion:	70	Resp:	601950
Ion	Ratio	Lower	Upper
70	100		
42	58.5	35.4	53.0#
101	10.3	8.4	12.6
130	22.4	18.2	27.4



#33
4-Chloro-3-methylphenol
Concen: 26.254 ng/ul
RT: 11.77 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BN002062.D
Acq: 16 Jul 2018 23:26

Tgt Ion:	107	Resp:	695823
Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.4	30.6
142	78.0	62.5	93.7





#49

Acenaphthene

Concen: 27.736 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BN002062.D

Acq: 16 Jul 2018 23:26

Instrument :

BNA_N

ClientSampleId :

DB1C6MSD

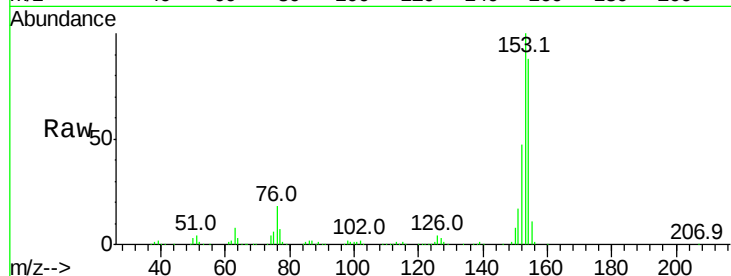
Tot Ion:153 Resp: 1760111

Ion Ratio Lower Upper

153 100

152 46.9 38.3 57.5

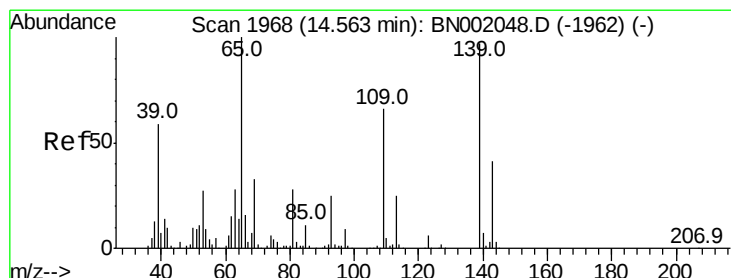
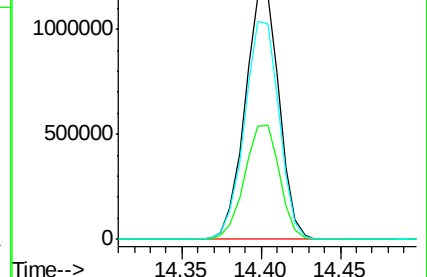
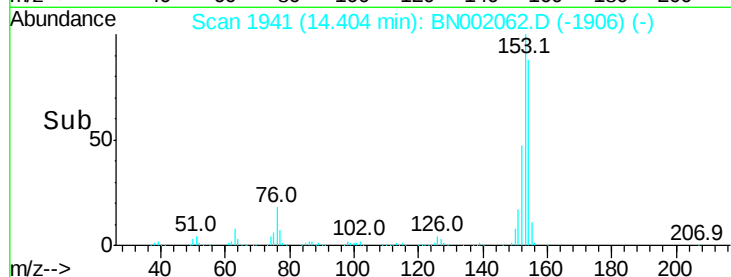
154 88.4 71.8 107.8



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: 10.995 ng/ul

RT: 14.56 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BN002062.D

Acq: 16 Jul 2018 23:26

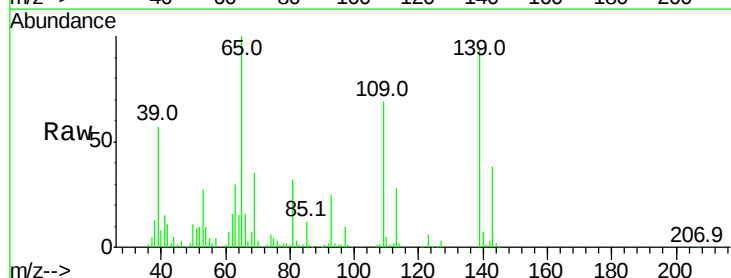
Tgt Ion:109 Resp: 113026

Ion Ratio Lower Upper

109 100

139 137.3 103.7 155.5

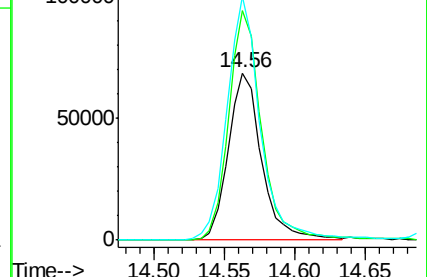
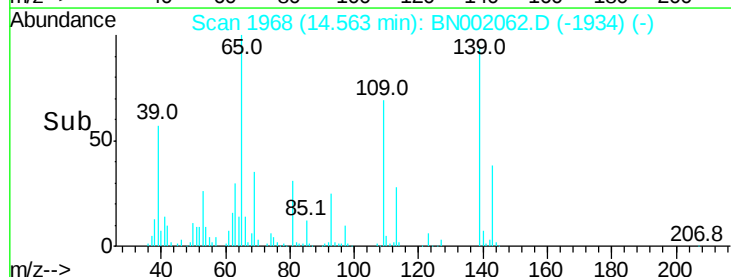
65 145.8 89.4 134.2#

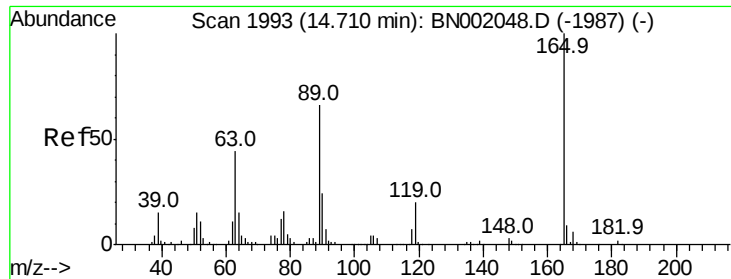


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

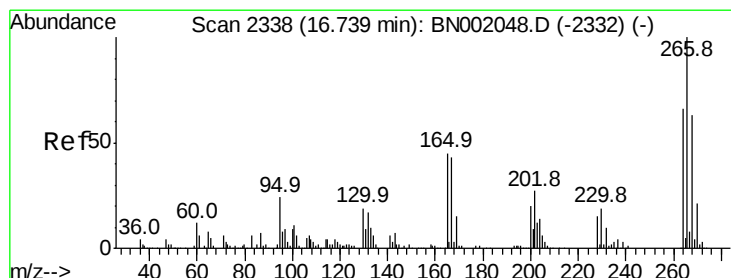
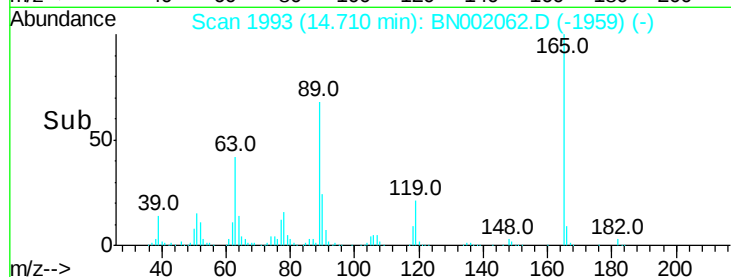
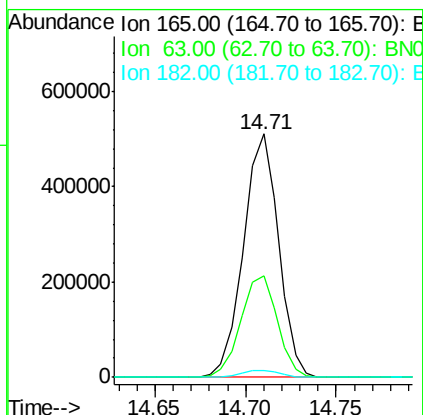
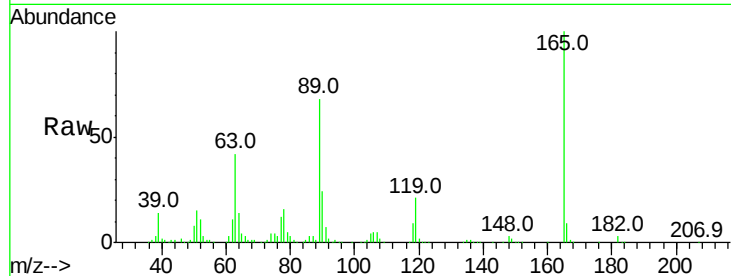




#54
 2,4-Dinitrotoluene
 Concen: 29.821 ng/ul
 RT: 14.71 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BN002062.D
 Acq: 16 Jul 2018 23:26

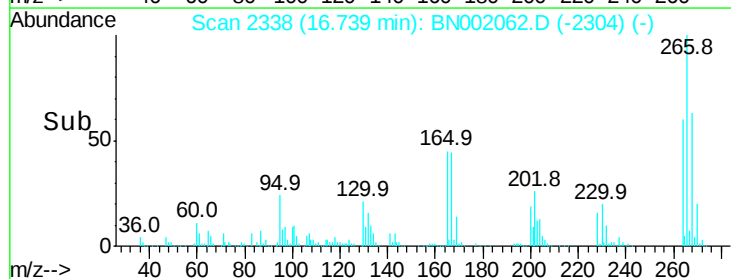
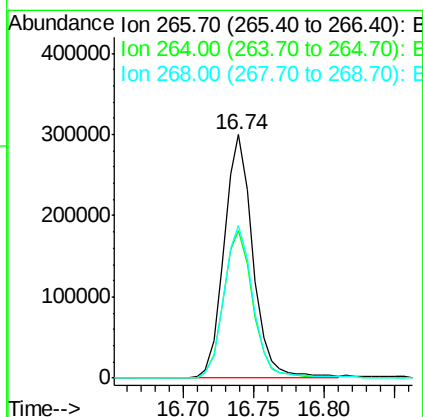
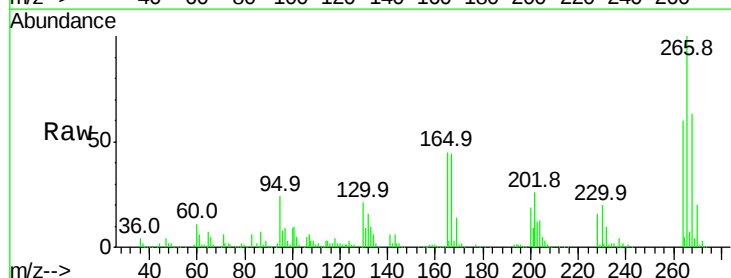
Instrument :
 BNA_N
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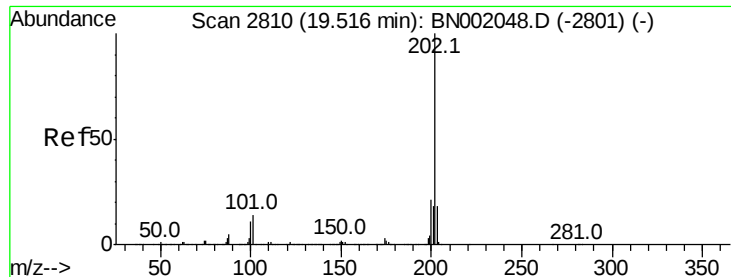
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	29.8	44.6
182	2.9	2.2	3.4



#68
 Pentachlorophenol
 Concen: 29.176 ng/ul
 RT: 16.74 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BN002062.D
 Acq: 16 Jul 2018 23:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.5	50.5	75.7
268	63.0	50.9	76.3





#79

Pvrene

Concen: 29.217 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BN002062.D

Acq: 16 Jul 2018 23:26

Instrument :

BNA_N

ClientSampleId :

DB1C6MSD

Tot Ion:202 Resp: 4178222

Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.2

100 10.7 8.5 12.7

