

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083118\
 Data File : BN002568.D
 Acq On : 31 Aug 2018 19:50
 Operator : JU/SJ
 Sample : J4665-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0AA4MSD

Quant Time: Aug 31 23:10:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 31 23:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	130363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	618179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	376719	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	880313	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	975525	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	911084	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	18088	6.55	ng/uL	0.00
5) Phenol-d5	6.85	99	104314	8.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	231718	30.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	264745	29.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	186262	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	159238	32.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	183489	35.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	322126	33.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	23762	2.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.71	166	1093779	35.02	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1324465	34.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	48583	8.23	ng/ul	0.01
57) Fluorene-d10	15.29	176	924808	34.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	178374	31.82	ng/ul	0.00
70) Anthracene-d10	17.15	188	1479154	35.17	ng/ul	0.00
78) Pyrene-d10	19.45	212	1627961	34.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1674943	35.16	ng/ul	0.00

Target Compounds

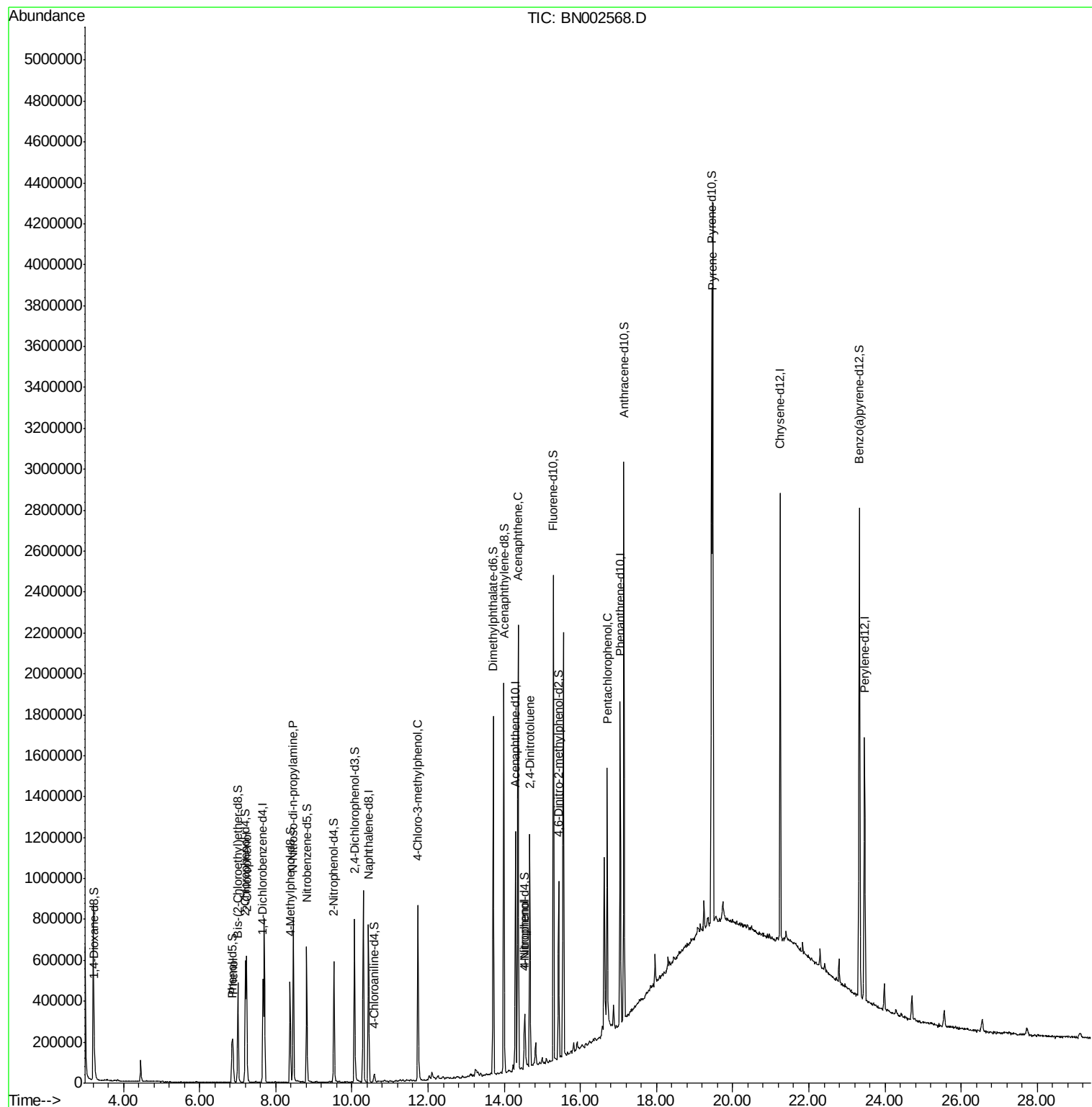
					Ovalue	
6) Phenol	6.88	94	109086	8.961	ng/ul	91
10) 2-Chlorophenol	7.23	128	262443	28.631	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.46	70	263393	32.674	ng/ul#	84
33) 4-Chloro-3-methylphenol	11.73	107	328471	31.003	ng/ul	99
49) Acenaphthene	14.36	153	865480	33.638	ng/ul	98
52) 4-Nitrophenol	14.55	109	41719	9.324	ng/ul	87
54) 2,4-Dinitrotoluene	14.67	165	313652	33.618	ng/ul#	85
68) Pentachlorophenol	16.70	266	228254	40.685	ng/ul	99
79) Pvrene	19.48	202	2057506	34.979	ng/ul	98

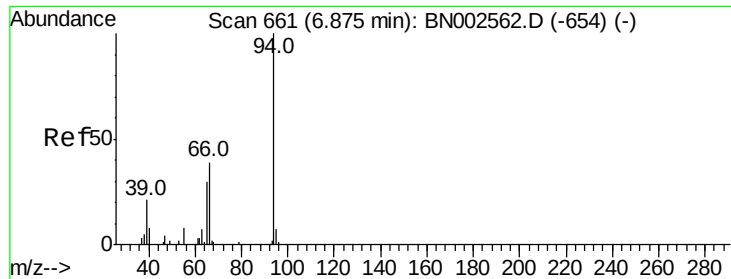
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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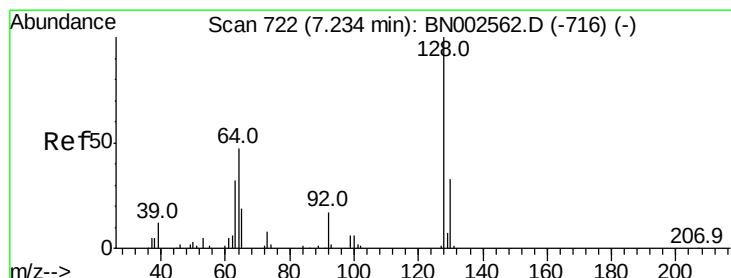
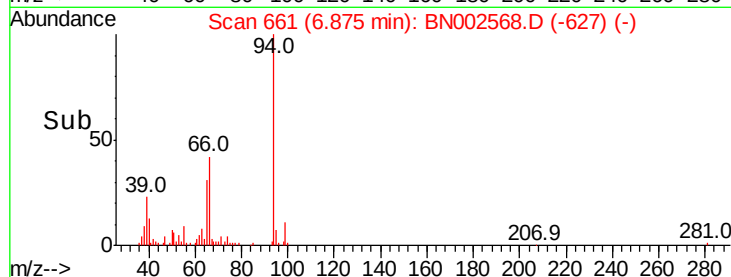
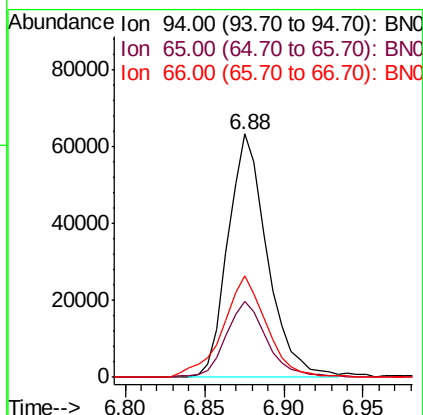
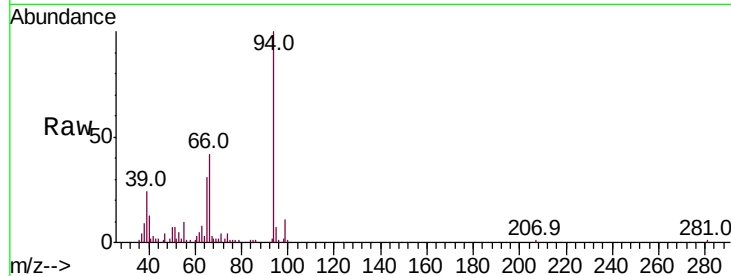
#6

Phenol

Concen: 8.961 ng/ul
 RT: 6.88 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BN002568.D
 Acq: 31 Aug 2018 19:50

Instrument :
 BNA_N
 ClientSampleId :
 E0AA4MSD

Tot Ion: 94 Resp: 109086
 Ion Ratio Lower Upper
 94 100
 65 31.1 21.0 31.6
 66 41.7 29.3 43.9

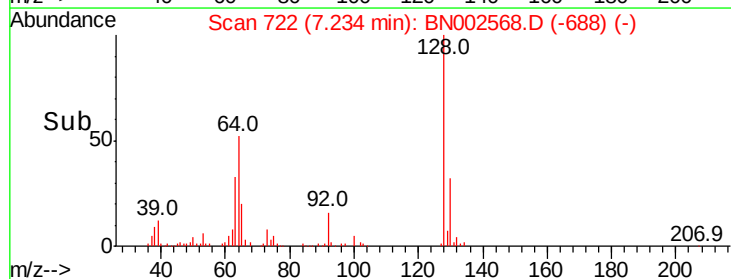
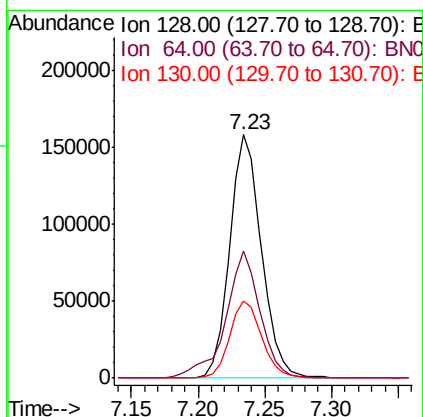
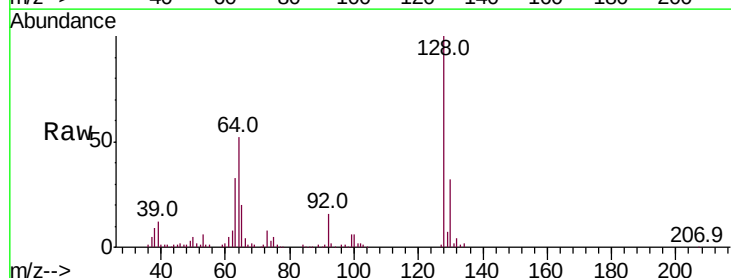


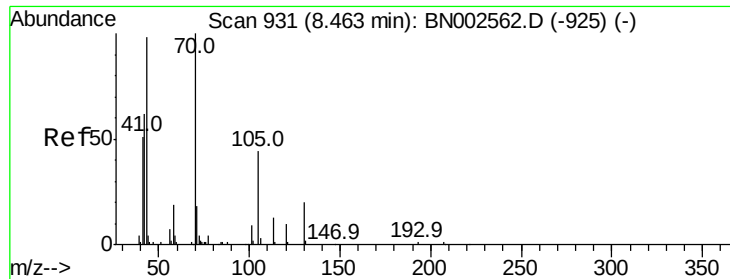
#10

2-Chlorophenol

Concen: 28.631 ng/ul
 RT: 7.23 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BN002568.D
 Acq: 31 Aug 2018 19:50

Tgt Ion: 128 Resp: 262443
 Ion Ratio Lower Upper
 128 100
 64 52.1 31.9 47.9#
 130 31.5 25.6 38.4

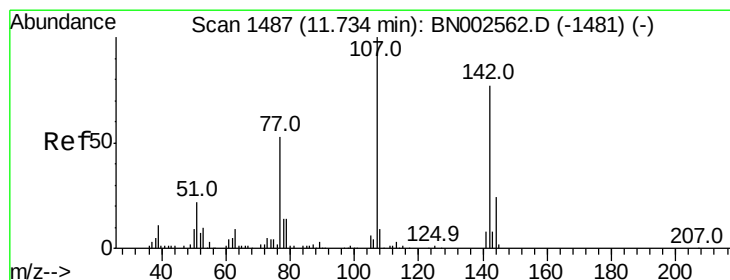
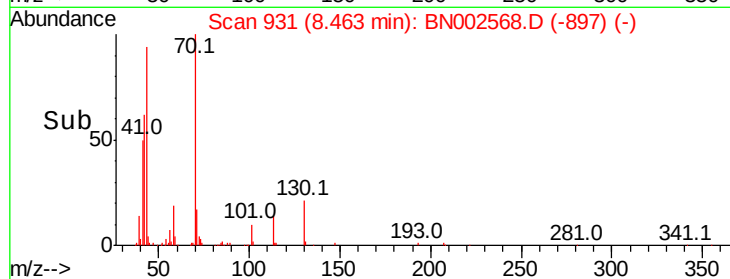
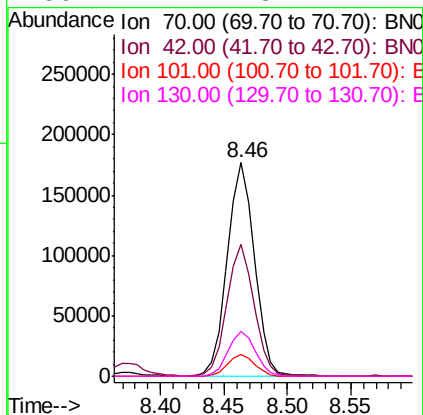
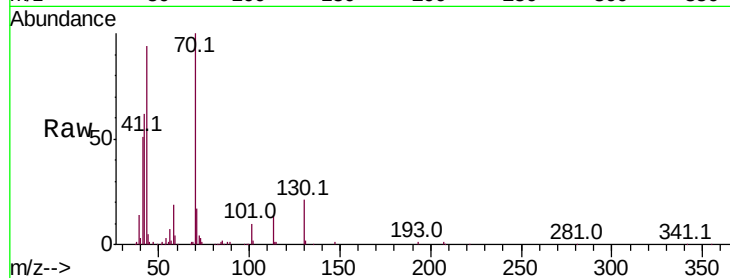




#15
 N-Nitroso-di-n-propylamine
 Concen: 32.674 ng/ul
 RT: 8.46 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BN002568.D
 Acq: 31 Aug 2018 19:50

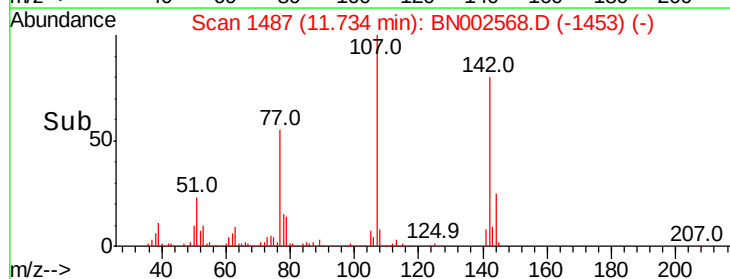
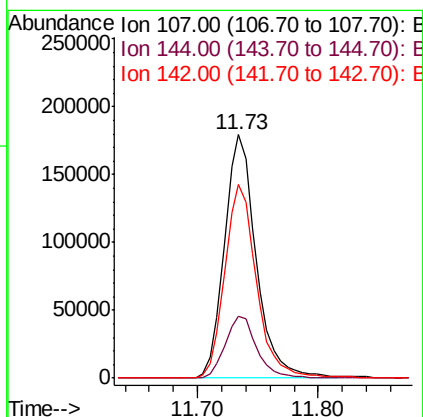
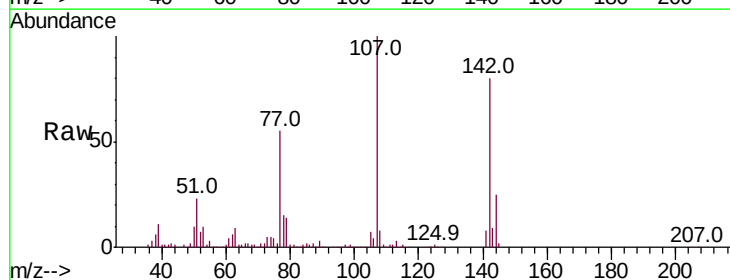
Instrument :
 BNA_N
 ClientSampleId :
 E0AA4MSD

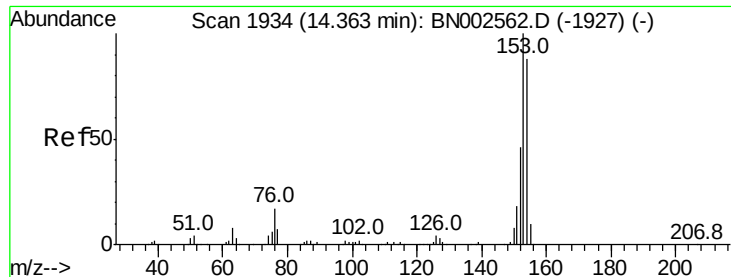
Tot Ion:	70	Resp:	263393
Ion	Ratio	Lower	Upper
70	100		
42	61.6	35.4	53.0#
101	10.4	8.4	12.6
130	21.1	18.2	27.4



#33
 4-Chloro-3-methylphenol
 Concen: 31.003 ng/ul
 RT: 11.73 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BN002568.D
 Acq: 31 Aug 2018 19:50

Tgt Ion:	107	Resp:	328471
Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.8	62.5	93.7





#49

Acenaphthene

Concen: 33.638 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN002568.D

Acq: 31 Aug 2018 19:50

Instrument :

BNA_N

ClientSampleId :

E0AA4MSD

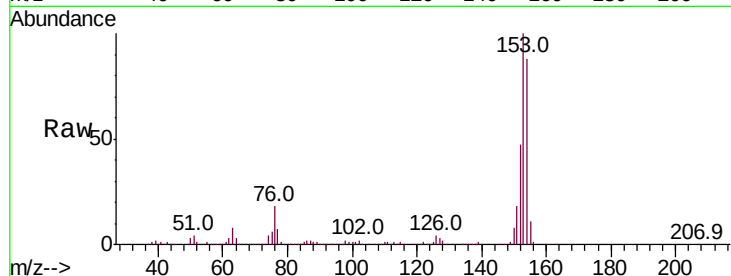
Tot Ion:153 Resp: 865480

Ion Ratio Lower Upper

153 100

152 46.8 38.3 57.5

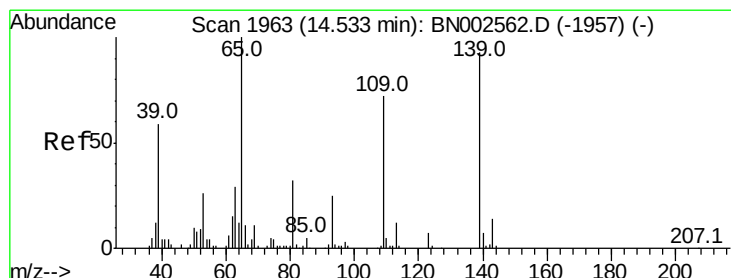
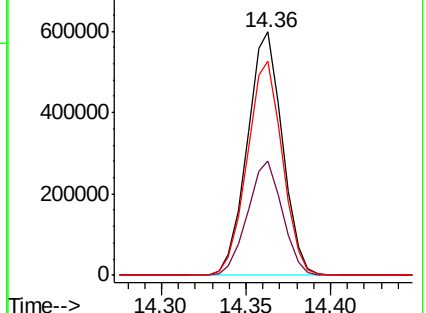
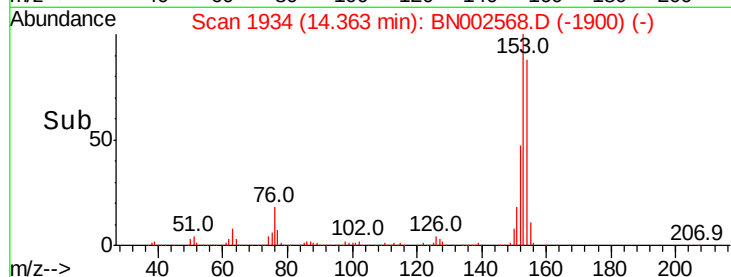
154 88.1 71.8 107.8



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: 9.324 ng/ul

RT: 14.55 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BN002568.D

Acq: 31 Aug 2018 19:50

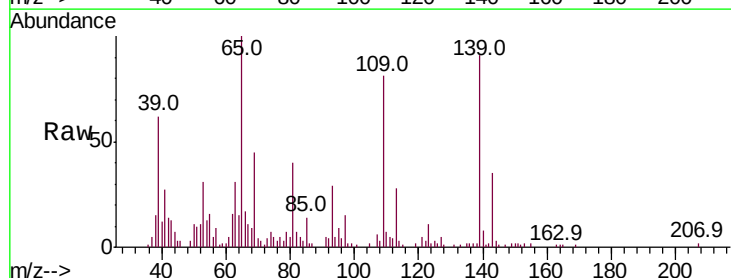
Tgt Ion:109 Resp: 41719

Ion Ratio Lower Upper

109 100

139 111.7 103.7 155.5

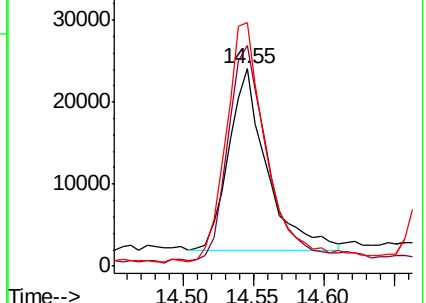
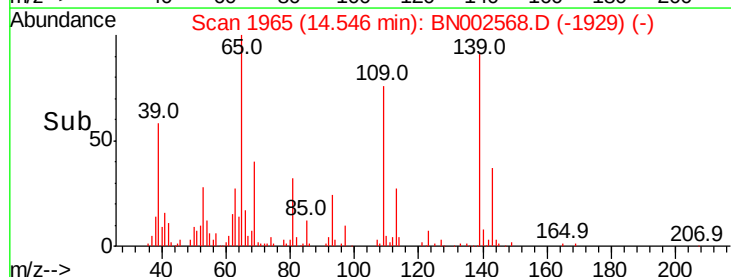
65 123.3 89.4 134.2

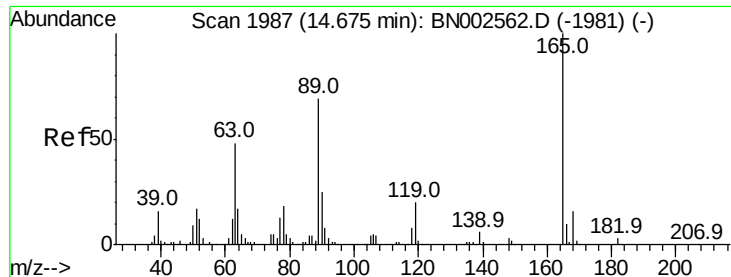


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#54

2,4-Dinitrotoluene

Concen: 33.618 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN002568.D

Acq: 31 Aug 2018 19:50

Instrument :

BNA_N

ClientSampleId :

E0AA4MSD

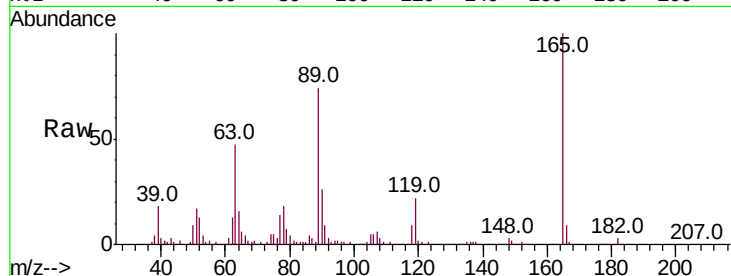
Tot Ion:165 Resp: 313652

Ion Ratio Lower Upper

165 100

63 47.0 29.8 44.6#

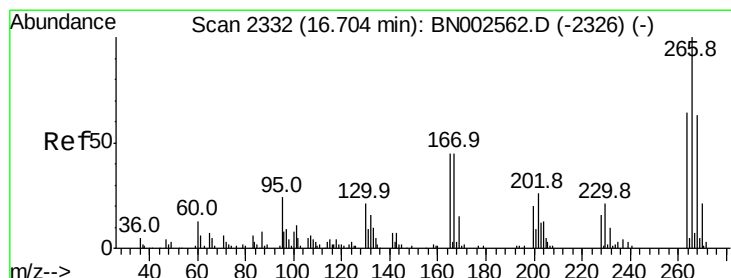
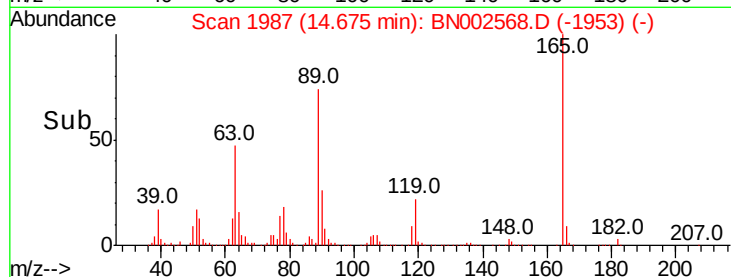
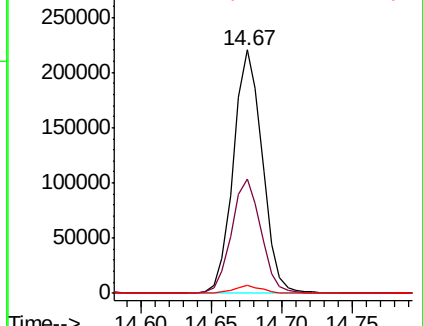
182 3.3 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 40.685 ng/ul

RT: 16.70 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BN002568.D

Acq: 31 Aug 2018 19:50

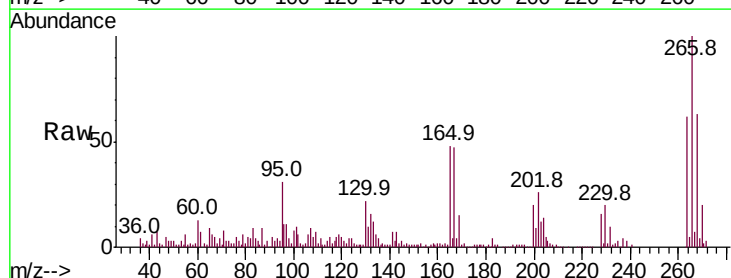
Tgt Ion:266 Resp: 228254

Ion Ratio Lower Upper

266 100

264 62.2 50.5 75.7

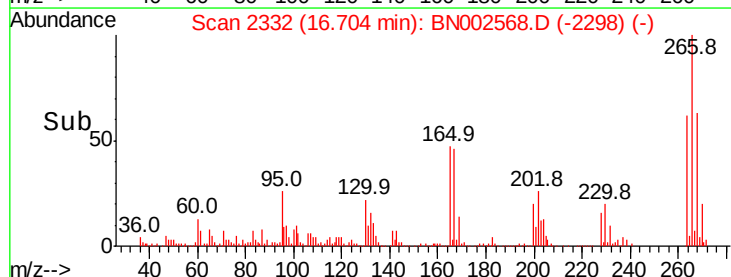
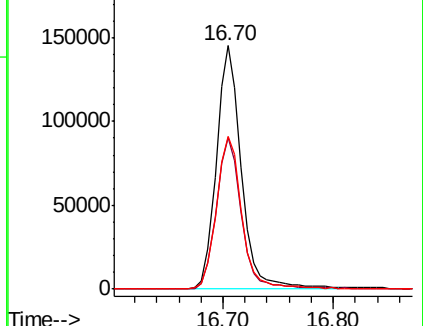
268 62.7 50.9 76.3

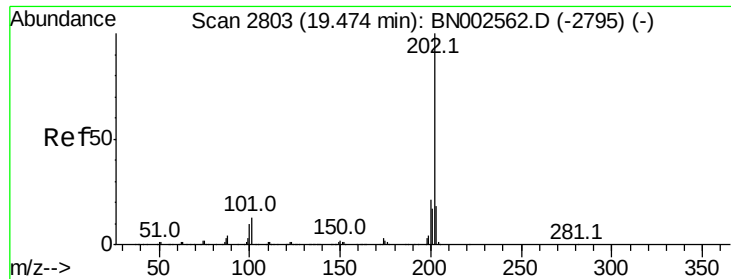


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 34.979 ng/ul

RT: 19.48 min Scan# 2804

Delta R.T. 0.01 min

Lab File: BN002568.D

Acq: 31 Aug 2018 19:50

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:202 Resp: 2057506

Ion Ratio Lower Upper

202 100

101 11.8 10.2 15.2

100 9.7 8.5 12.7

