

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083118\
 Data File : BN002567.D
 Acq On : 31 Aug 2018 19:15
 Operator : JU/SJ
 Sample : J4665-09MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 31 23:10:28 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	130841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	619772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	394261	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	922277	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1003232	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	950535	20.00	ng/ul	0.00

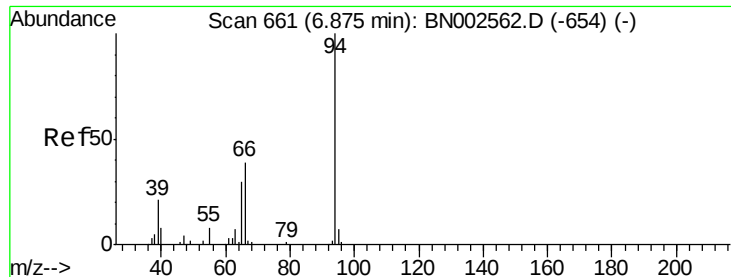
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	19600	7.07	ng/uL	0.00
5) Phenol-d5	6.85	99	160743	13.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	109761	14.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	137658	15.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	139398	14.53	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	70140	14.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	81822	15.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	148569	15.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	187678	18.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	541687	16.57	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	631546	15.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	75504	12.22	ng/ul	0.00
57) Fluorene-d10	15.29	176	460764	16.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	78869	13.43	ng/ul	0.00
70) Anthracene-d10	17.15	188	758021	17.20	ng/ul	0.00
78) Pyrene-d10	19.45	212	862559	17.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	884587	17.80	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.88	94	102752	8.410	ng/ul	95
10) 2-Chlorophenol	7.23	128	89906	9.772	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.46	70	83765	10.353	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.73	107	116583	10.975	ng/ul	99
49) Acenaphthene	14.36	153	288737	10.723	ng/ul	100
52) 4-Nitrophenol	14.53	109	40728	8.698	ng/ul#	84
54) 2,4-Dinitrotoluene	14.67	165	101618	10.407	ng/ul#	82
68) Pentachlorophenol	16.70	266	67760	11.528	ng/ul	99
79) Pvrene	19.47	202	751851	12.429	ng/ul	99

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



#6

Phenol

Concen: 8.410 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

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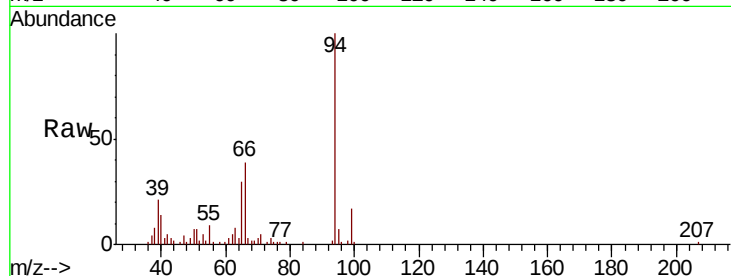
Tot Ion: 94 Resp: 102752

Ion Ratio Lower Upper

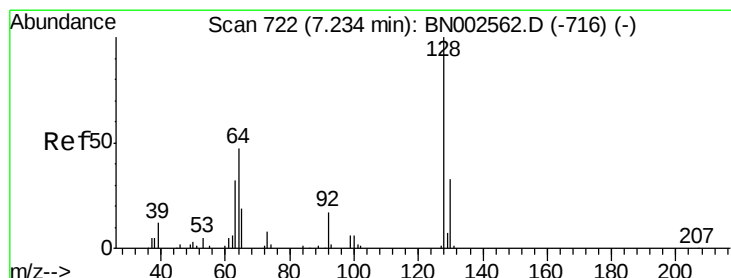
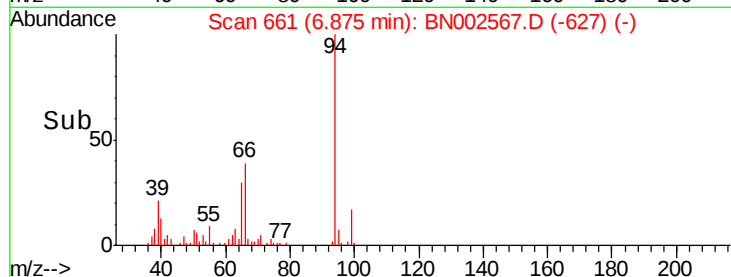
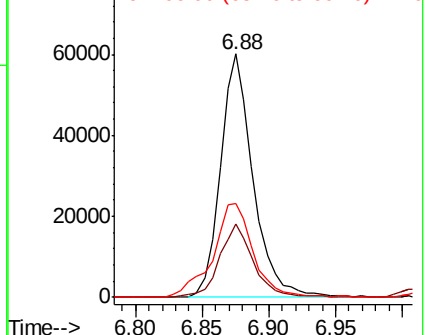
94 100

65 30.3 21.0 31.6

66 38.5 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#10

2-Chlorophenol

Concen: 9.772 ng/ul

RT: 7.23 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN002567.D

Acq: 31 Aug 2018 19:15

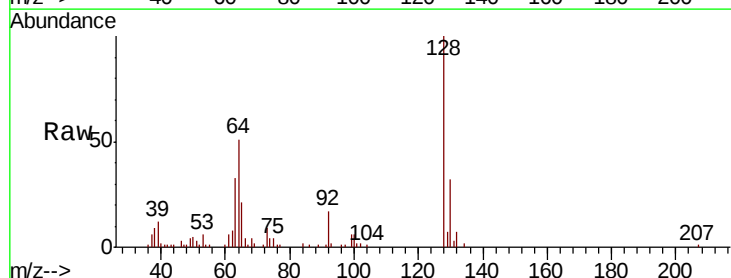
Tgt Ion:128 Resp: 89906

Ion Ratio Lower Upper

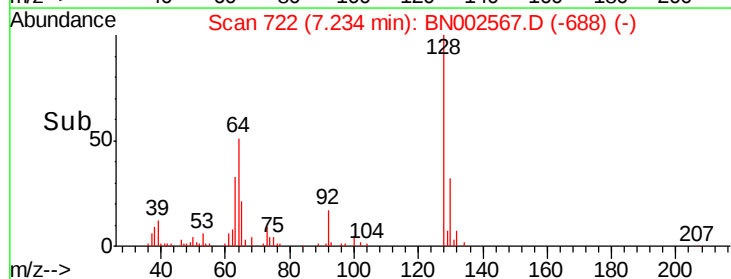
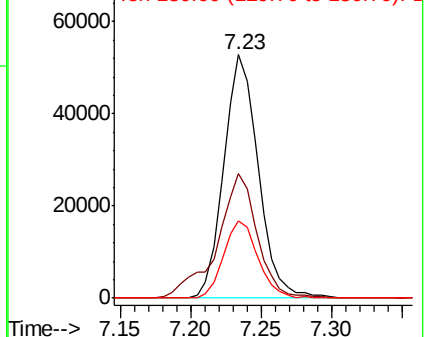
128 100

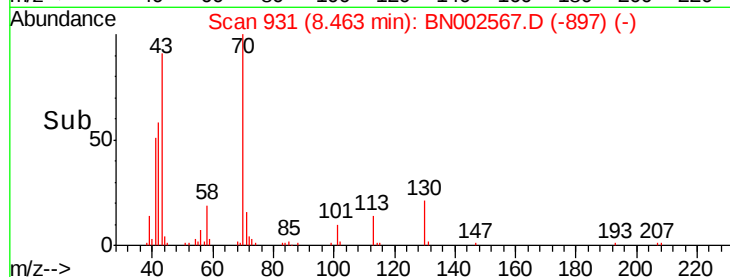
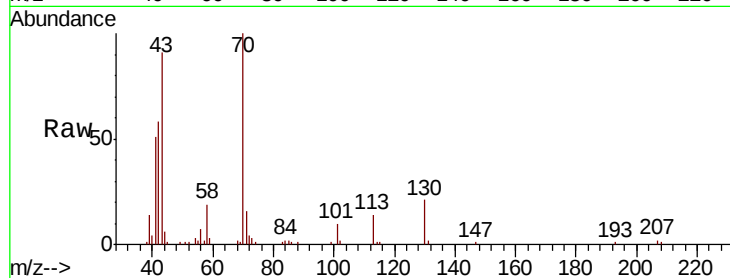
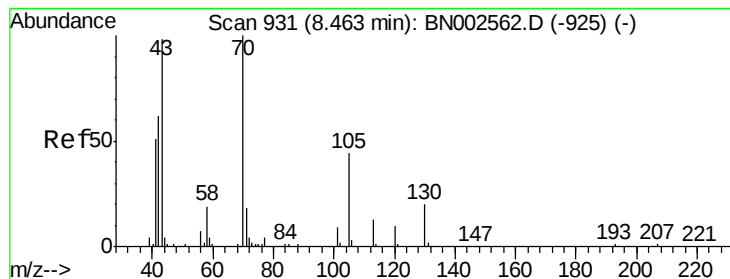
64 51.2 31.9 47.9#

130 31.7 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 10.353 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. 0.00 min

Lab File: BN002567.D

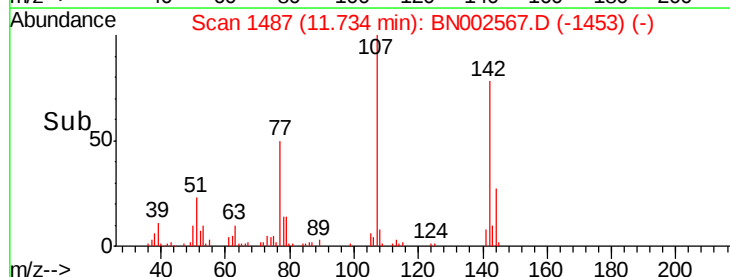
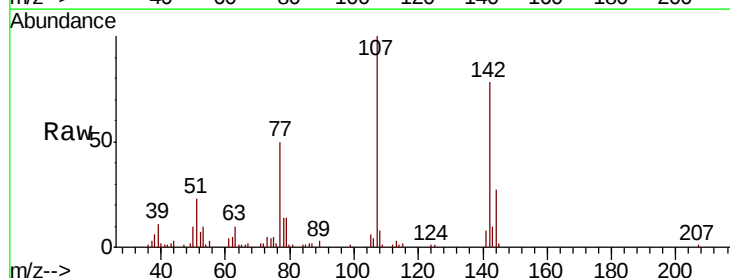
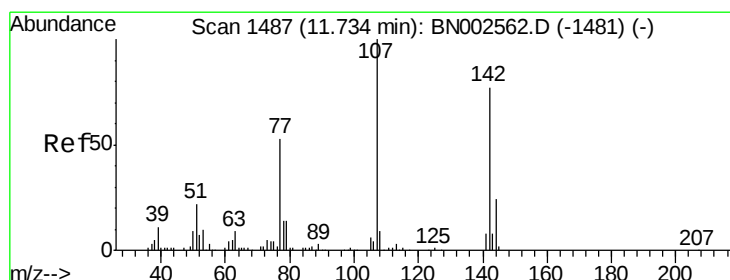
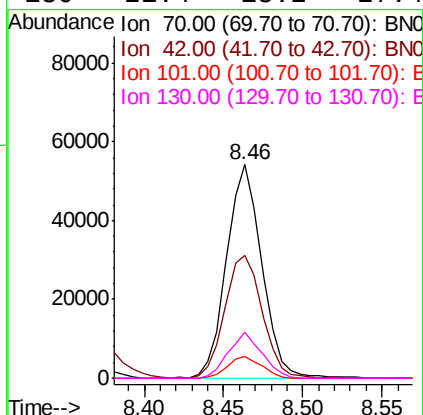
Acq: 31 Aug 2018 19:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	70	Resp:	83765
Ion	Ratio	Lower	Upper
70	100		
42	57.7	35.4	53.0#
101	10.5	8.4	12.6
130	21.4	18.2	27.4



#33

4-Chloro-3-methylphenol

Concen: 10.975 ng/ul

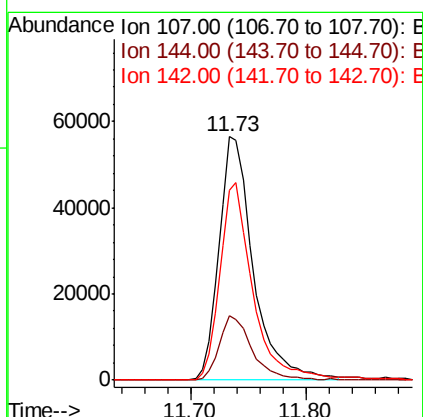
RT: 11.73 min Scan# 1487

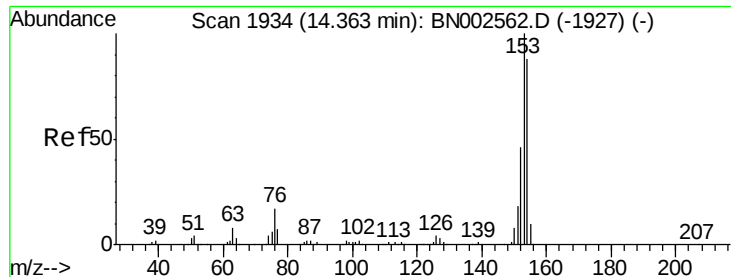
Delta R.T. 0.00 min

Lab File: BN002567.D

Acq: 31 Aug 2018 19:15

Tgt Ion:	107	Resp:	116583
Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.4	30.6
142	77.8	62.5	93.7





#49

Acenaphthene

Concen: 10.723 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN002567.D

Acq: 31 Aug 2018 19:15

Instrument :

BNA_N

ClientSampleId :

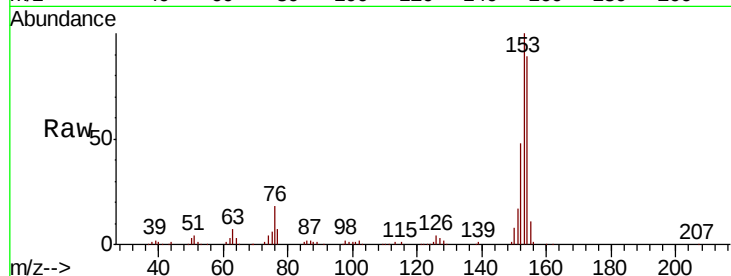
Tot Ion:153 Resp: 288737

Ion Ratio Lower Upper

153 100

152 48.0 38.3 57.5

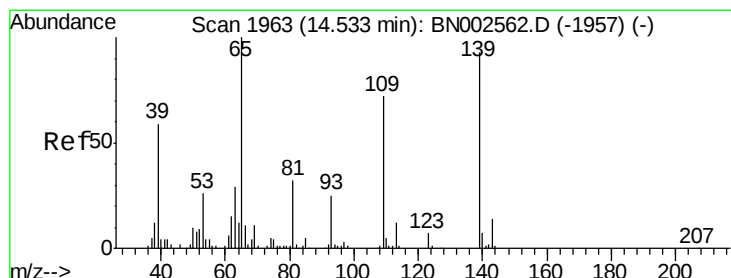
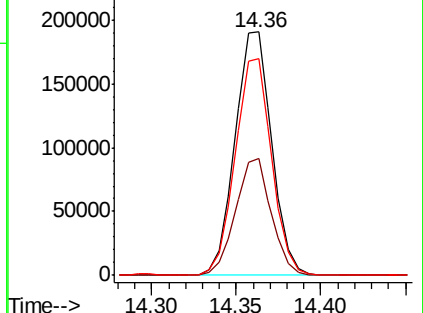
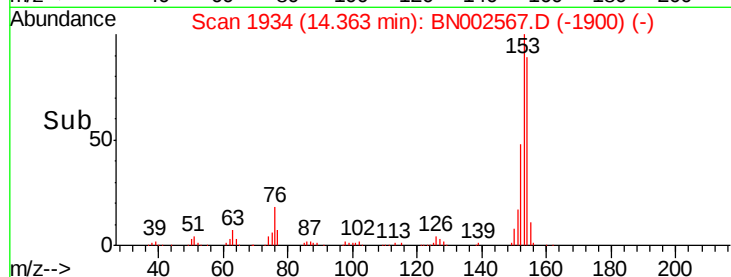
154 89.2 71.8 107.8



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: 8.698 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002567.D

Acq: 31 Aug 2018 19:15

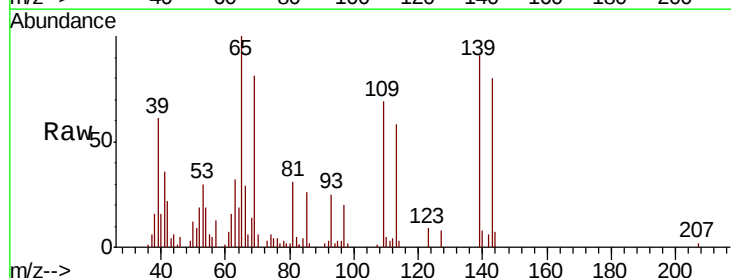
Tgt Ion:109 Resp: 40728

Ion Ratio Lower Upper

109 100

139 131.9 103.7 155.5

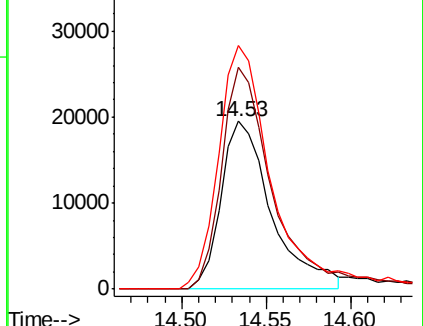
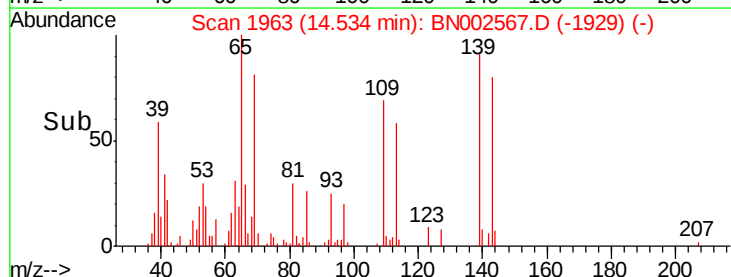
65 145.1 89.4 134.2#

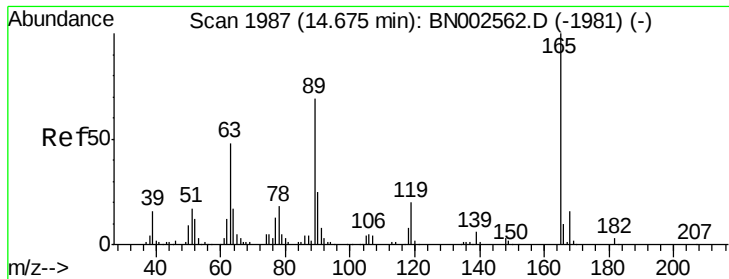


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

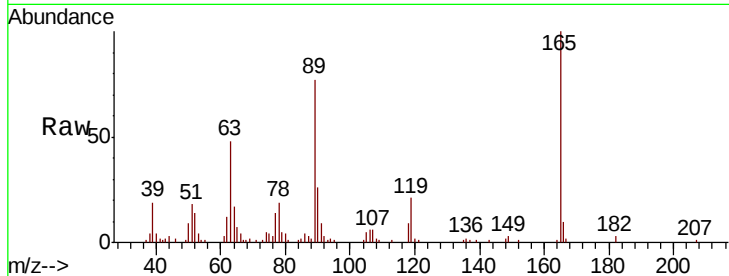




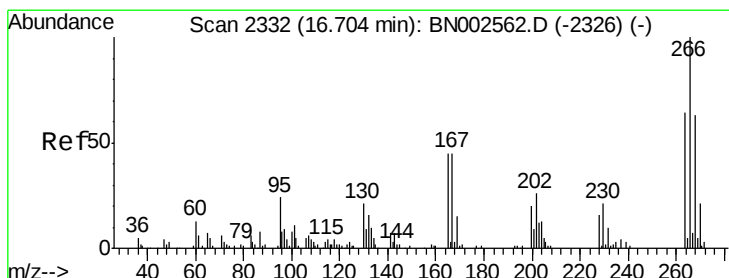
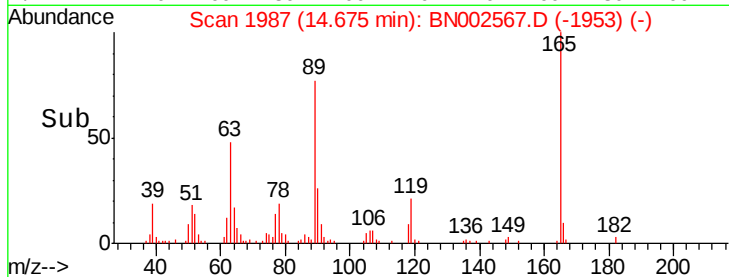
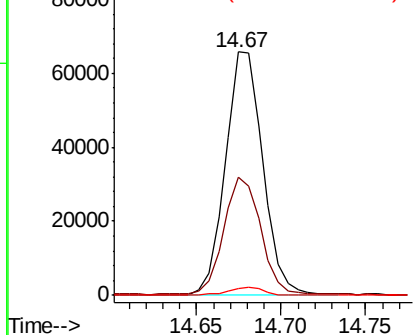
#54
 2,4-Dinitrotoluene
 Concen: 10.407 ng/ul
 RT: 14.67 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BN002567.D
 Acq: 31 Aug 2018 19:15

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 101618
 Ion Ratio Lower Upper
 165 100
 63 48.4 29.8 44.6#
 182 3.0 2.2 3.4

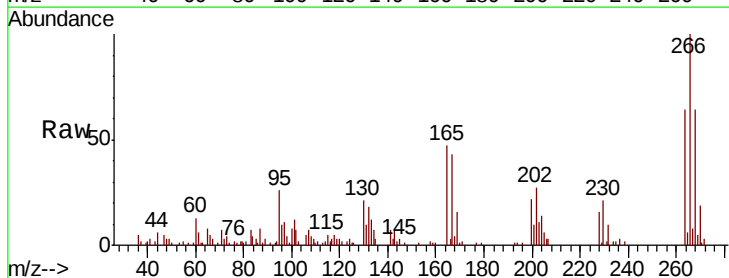


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

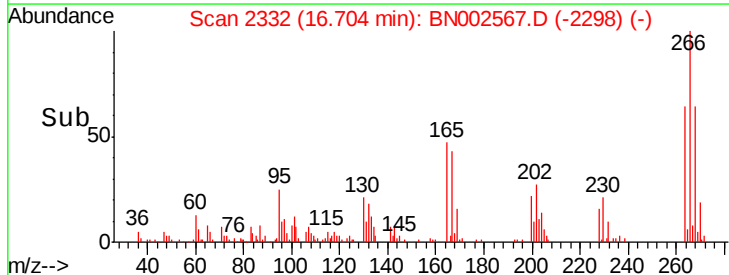
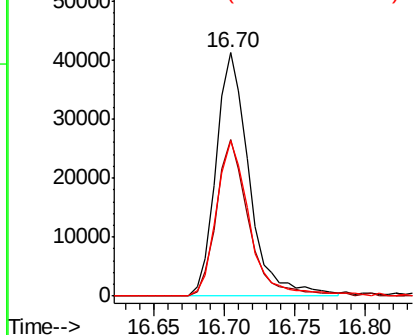


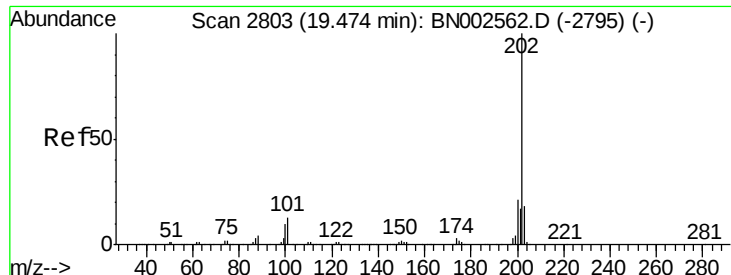
#68
 Pentachlorophenol
 Concen: 11.528 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BN002567.D
 Acq: 31 Aug 2018 19:15

Tgt Ion:266 Resp: 67760
 Ion Ratio Lower Upper
 266 100
 264 64.1 50.5 75.7
 268 63.9 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: 12.429 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN002567.D

Acq: 31 Aug 2018 19:15

Instrument :

BNA_N

ClientSampleId :

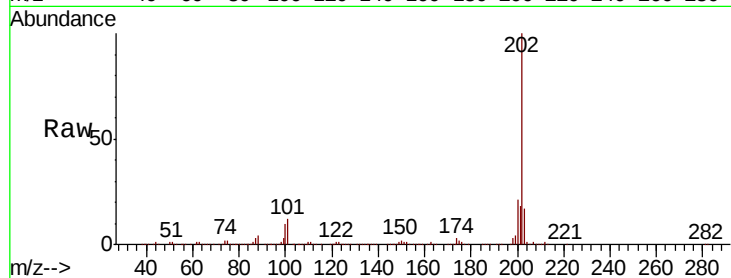
Tot Ion:202 Resp: 751851

Ion Ratio Lower Upper

202 100

101 12.3 10.2 15.2

100 10.1 8.5 12.7



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

