

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007680.D
 Acq On : 16 Sep 2019 23:26
 Operator : HP/JU
 Sample : K4682-14MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0BL7MSD

Quant Time: Sep 17 02:34:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	544711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2306732	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1508464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3235702	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3279224	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3430509	20.00	ng/ul	0.00

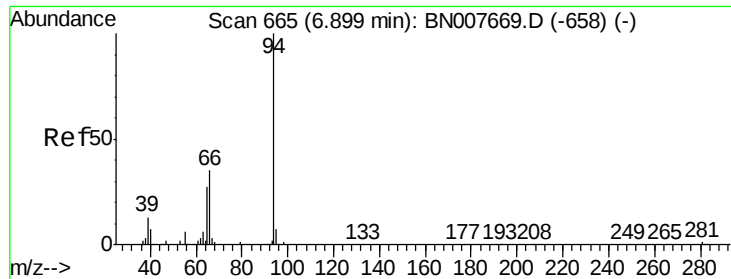
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	66094	4.61	ng/uL	0.00
5) Phenol-d5	6.88	99	434667	8.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	899126	30.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	997077	27.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	716453	18.13	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	596753	35.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	602758	37.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	1148350	30.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	124759	2.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4292560	35.76	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	4484905	32.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	194136	9.09	ng/ul	0.00
57) Fluorene-d10	15.33	176	3558455	34.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	529861	30.34	ng/ul	0.00
70) Anthracene-d10	17.17	188	6124216	38.02	ng/ul	0.00
78) Pyrene-d10	19.47	212	7262658	41.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	7219851	40.45	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.90	94	452760	8.034	ng/ul 99
10) 2-Chlorophenol	7.27	128	960692	24.278	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.50	70	1067127	30.677	ng/ul 97
33) 4-Chloro-3-methylphenol	11.75	107	1250752	28.035	ng/ul 99
49) Acenaphthene	14.39	153	3071498	30.153	ng/ul 100
52) 4-Nitrophenol	14.53	109	154850	8.837	ng/ul 99
54) 2,4-Dinitrotoluene	14.69	165	1188897	35.519	ng/ul 96
68) Pentachlorophenol	16.73	266	874288	37.209	ng/ul 97
79) Pvrene	19.50	202	8532165	39.074	ng/ul 99

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



#6

Phenol

Concen: 8.034 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN007680.D

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Instrument :

BNA_N

ClientSampleId :

H0BL7MSD

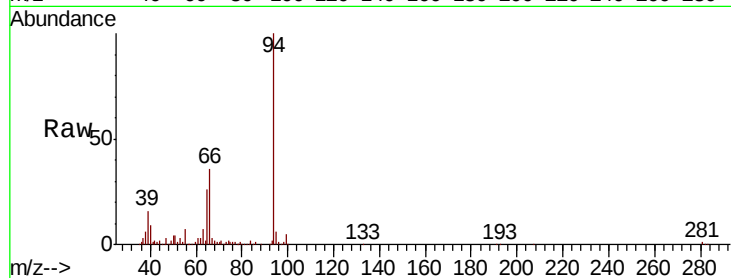
Tot Ion: 94 Resp: 452760

Ion Ratio Lower Upper

94 100

65 26.2 20.7 31.1

66 36.3 28.6 42.8

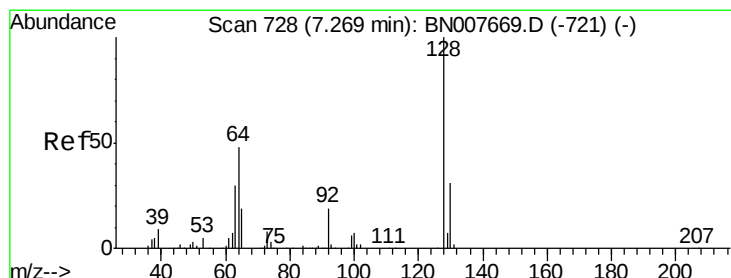
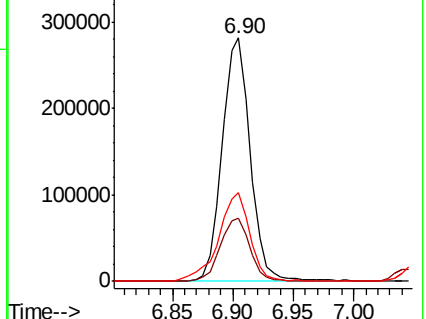
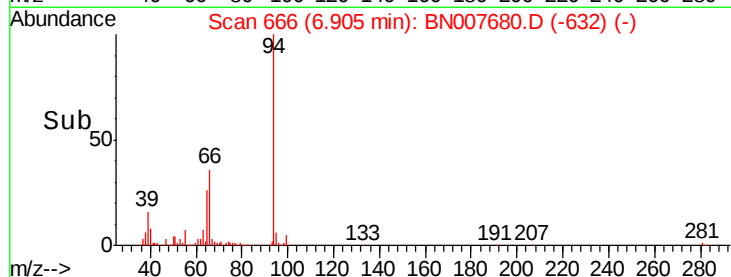


Abundance Ion 94.00 (93.70 to 94.70): BN007669.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN007669.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN007669.D (-658) (-)

Time-->



#10

2-Chlorophenol

Concen: 24.278 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. -0.00 min

Lab File: BN007680.D

Acq: 16 Sep 2019 23:26

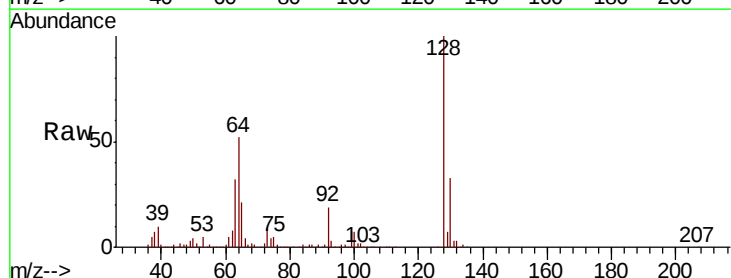
Tgt Ion: 128 Resp: 960692

Ion Ratio Lower Upper

128 100

64 51.8 40.6 60.8

130 32.7 25.2 37.8

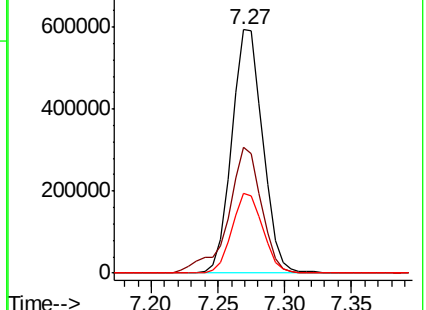
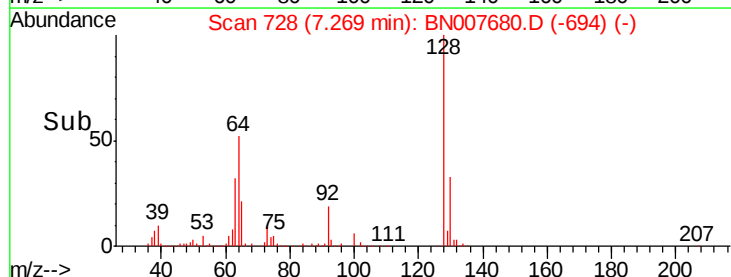


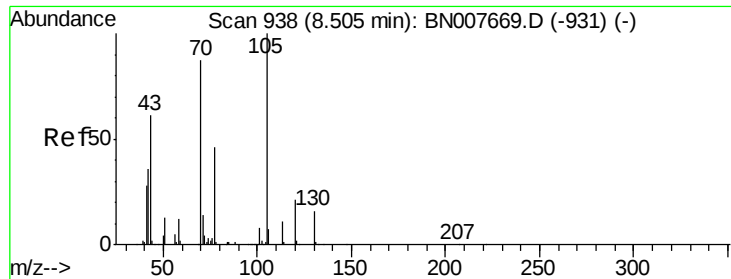
Abundance Ion 128.00 (127.70 to 128.70): BN007669.D (-721) (-)

Ion 64.00 (63.70 to 64.70): BN007669.D (-721) (-)

Ion 130.00 (129.70 to 130.70): BN007669.D (-721) (-)

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 30.677 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.00 min

Lab File: BN007680.D

Acq: 16 Sep 2019 23:26

Instrument :

BNA_N

ClientSampleId :

H0BL7MSD

Tot Ion: 70 Resp: 1067127

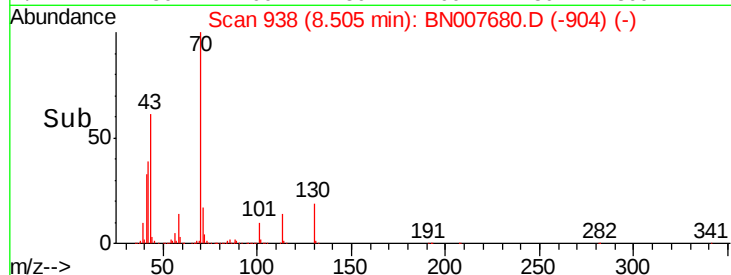
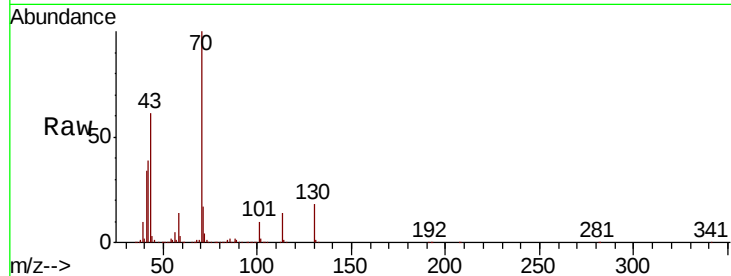
Ion	Ratio	Lower	Upper
70	100		
42	39.3	34.1	51.1
101	9.6	7.5	11.3
130	18.5	14.9	22.3

70 100

42 39.3 34.1 51.1

101 9.6 7.5 11.3

130 18.5 14.9 22.3



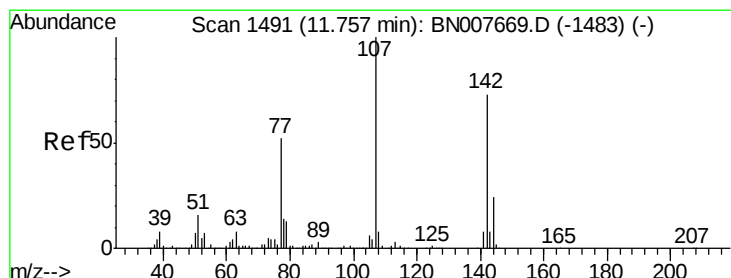
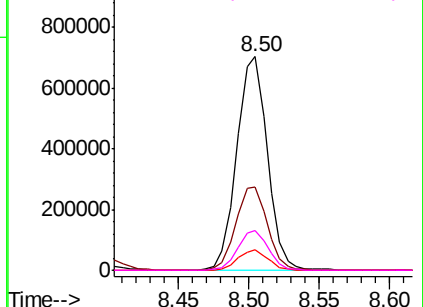
Abundance

Ion 70.00 (69.70 to 70.70): BN007680.D (-904) (-)

Ion 42.00 (41.70 to 42.70): BN007680.D (-904) (-)

Ion 101.00 (100.70 to 101.70): BN007680.D (-904) (-)

Ion 130.00 (129.70 to 130.70): BN007680.D (-904) (-)



#33

4-Chloro-3-methylphenol

Concen: 28.035 ng/ul

RT: 11.75 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BN007680.D

Acq: 16 Sep 2019 23:26

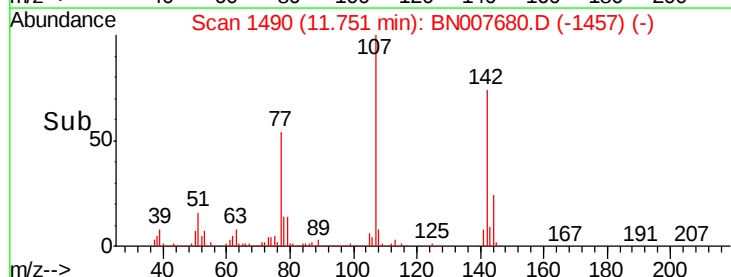
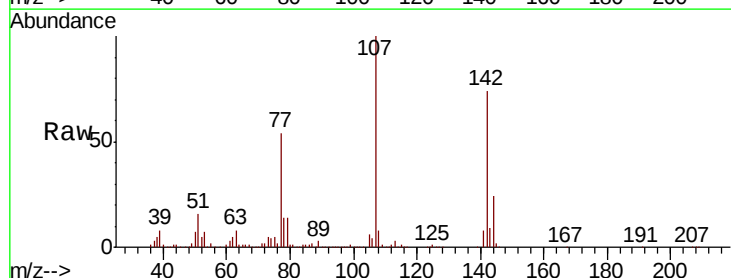
Tgt Ion: 107 Resp: 1250752

Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.3	28.9
142	73.9	58.7	88.1

107 100

144 24.2 19.3 28.9

142 73.9 58.7 88.1

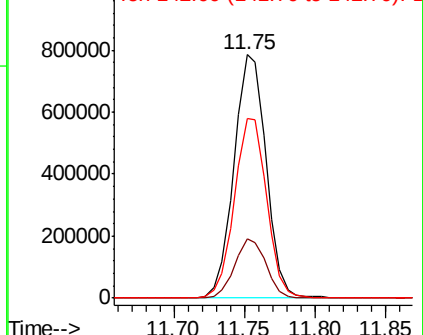


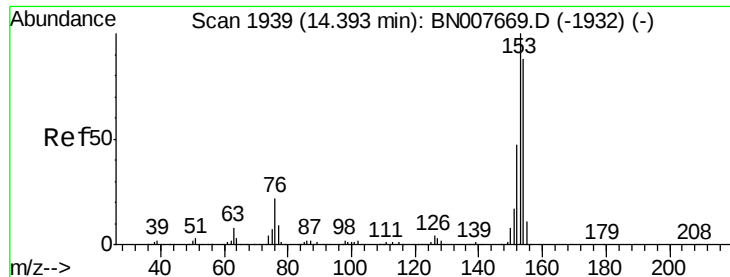
Abundance

Ion 107.00 (106.70 to 107.70): BN007680.D (-1457) (-)

Ion 144.00 (143.70 to 144.70): BN007680.D (-1457) (-)

Ion 142.00 (141.70 to 142.70): BN007680.D (-1457) (-)





#49

Acenaphthene

Concen: 30.153 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN007680.D

Acq: 16 Sep 2019 23:26

Instrument :

BNA_N

ClientSampleId :

H0BL7MSD

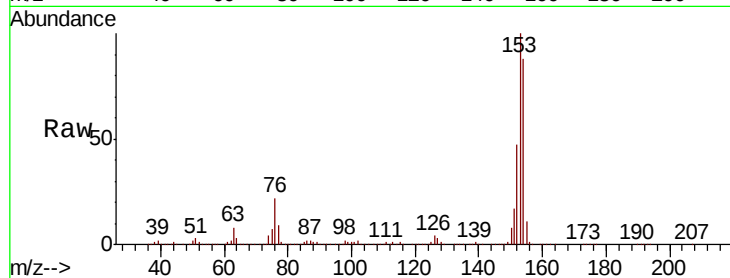
Tot Ion:153 Resp: 3071498

Ion Ratio Lower Upper

153 100

152 46.9 37.8 56.8

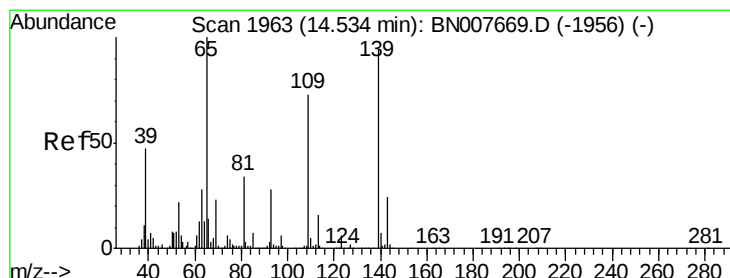
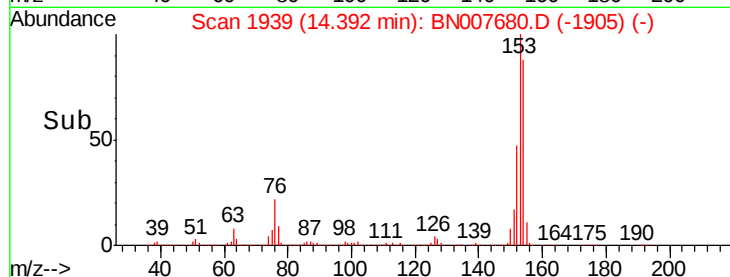
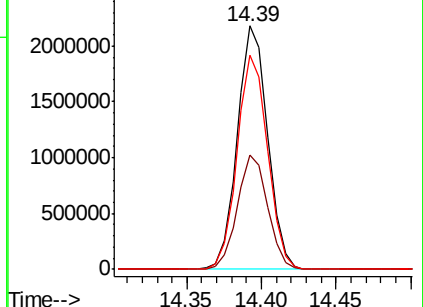
154 87.8 70.3 105.5



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: 8.837 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007680.D

Acq: 16 Sep 2019 23:26

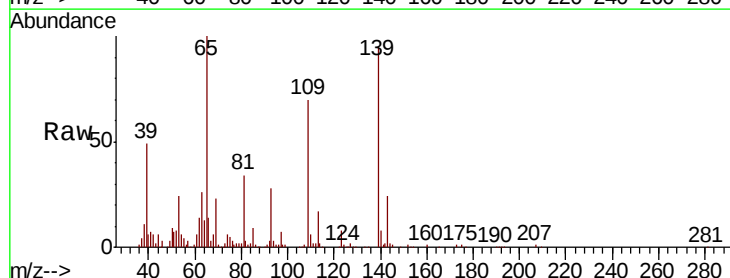
Tgt Ion:109 Resp: 154850

Ion Ratio Lower Upper

109 100

139 135.3 108.2 162.4

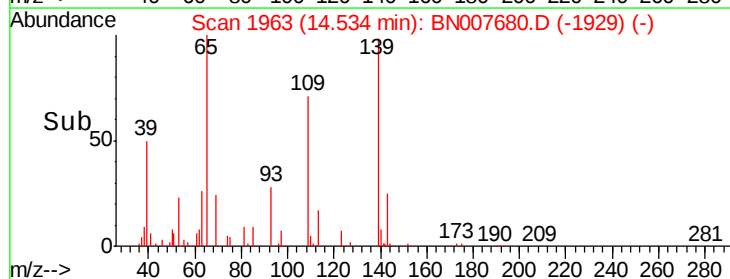
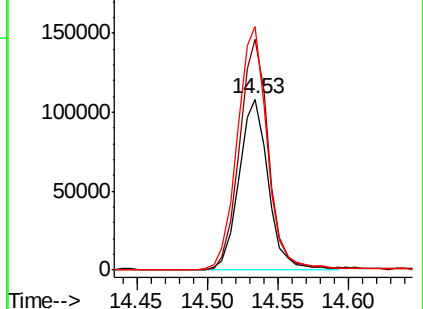
65 142.6 116.5 174.7

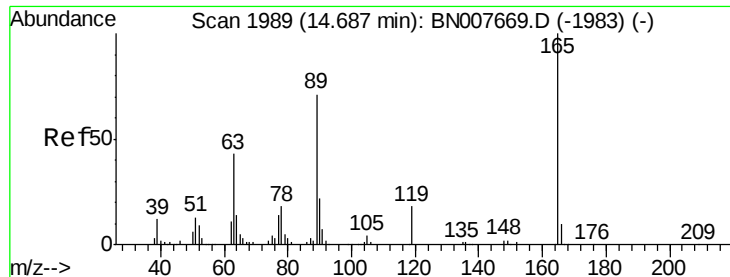


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

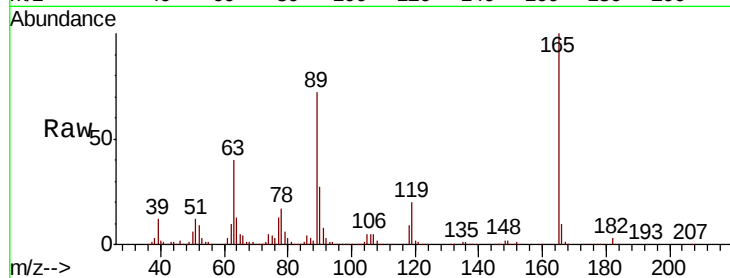




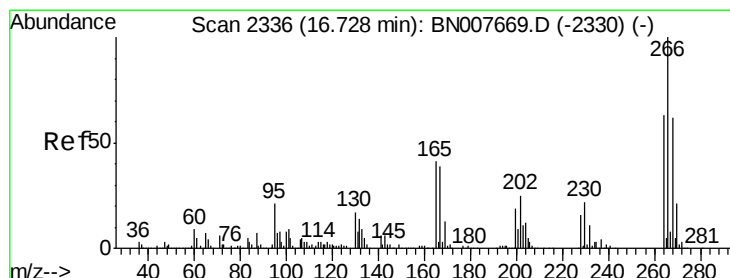
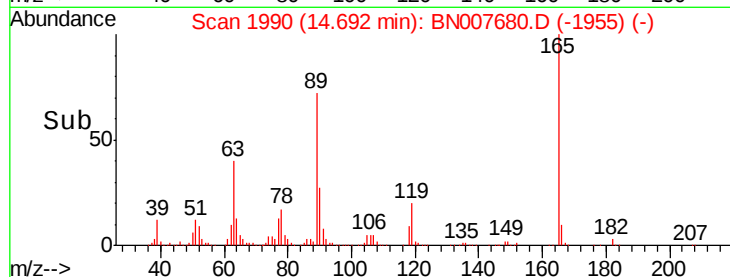
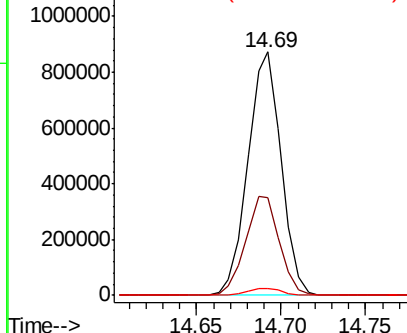
#54
 2,4-Dinitrotoluene
 Concen: 35.519 ng/ul
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BN007680.D
 Acq: 16 Sep 2019 23:26

Instrument :
 BNA_N
 ClientSampleId :
 H0BL7MSD

Tot Ion:165 Resp: 1188897
 Ion Ratio Lower Upper
 165 100
 63 40.2 34.6 51.8
 182 3.0 2.5 3.7

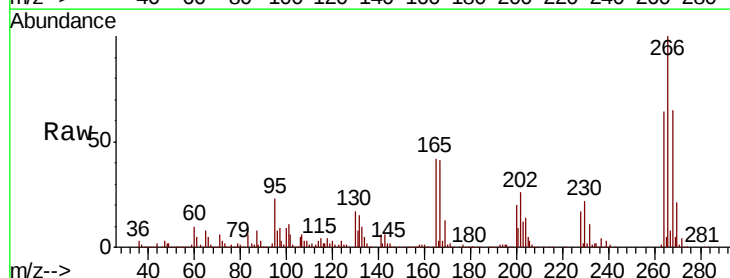


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

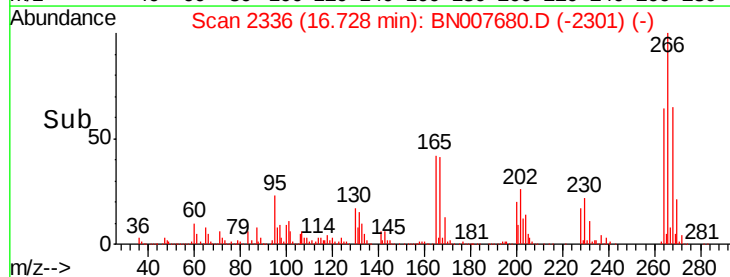
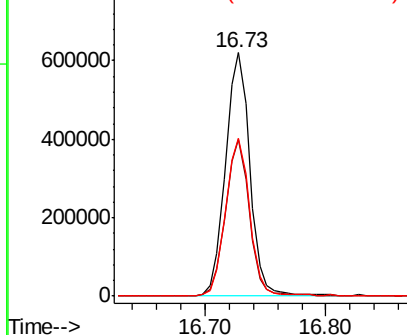


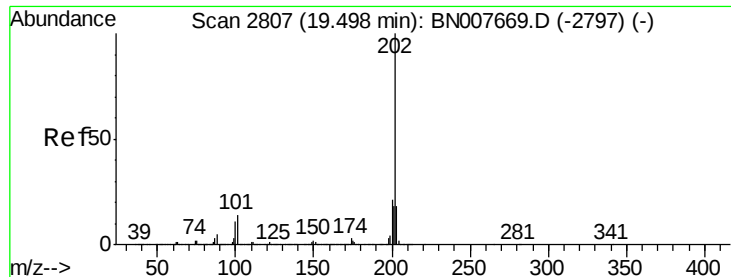
#68
 Pentachlorophenol
 Concen: 37.209 ng/ul
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.01 min
 Lab File: BN007680.D
 Acq: 16 Sep 2019 23:26

Tgt Ion:266 Resp: 874288
 Ion Ratio Lower Upper
 266 100
 264 64.4 49.4 74.2
 268 65.0 50.4 75.6



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: 39.074 ng/ul

RT: 19.50 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BN007680.D

Acq: 16 Sep 2019 23:26

Instrument :

BNA_N

ClientSampleId :

H0BL7MSD

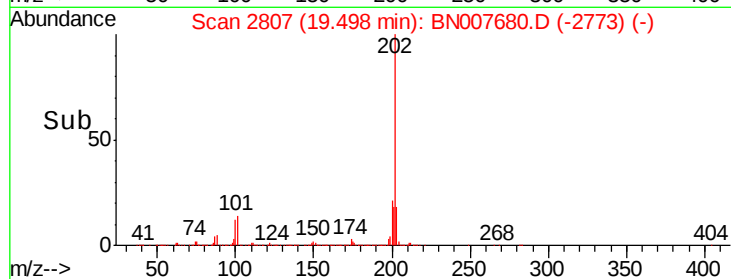
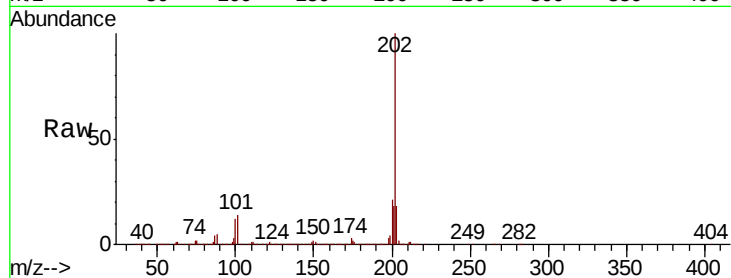
Tot Ion:202 Resp: 8532165

Ion Ratio Lower Upper

202 100

101 14.4 11.2 16.8

100 11.9 9.4 14.0



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

