

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
 Data File : BN002767.D
 Acq On : 18 Sep 2018 23:51
 Operator : JU/SJ
 Sample : J4900-18MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 02:10:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 01:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	125625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	510608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	267510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	551797	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	555475	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	584837	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15618	5.74	ng/uL	0.00
5) Phenol-d5	6.83	99	107418	10.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	265284	40.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	300825	34.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	181771	22.00	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	169199	42.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	190477	42.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	307661	38.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	410	0.04	ng/ul	0.06
43) Dimethylphthalate-d6	13.70	166	920903	43.98	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1182685	43.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	24840	7.17	ng/ul	0.00
57) Fluorene-d10	15.28	176	799168	43.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	134596	39.00	ng/ul	0.00
70) Anthracene-d10	17.13	188	1195273	45.37	ng/ul	0.00
78) Pyrene-d10	19.43	212	1270206	43.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1437422	46.69	ng/ul	0.00

Target Compounds

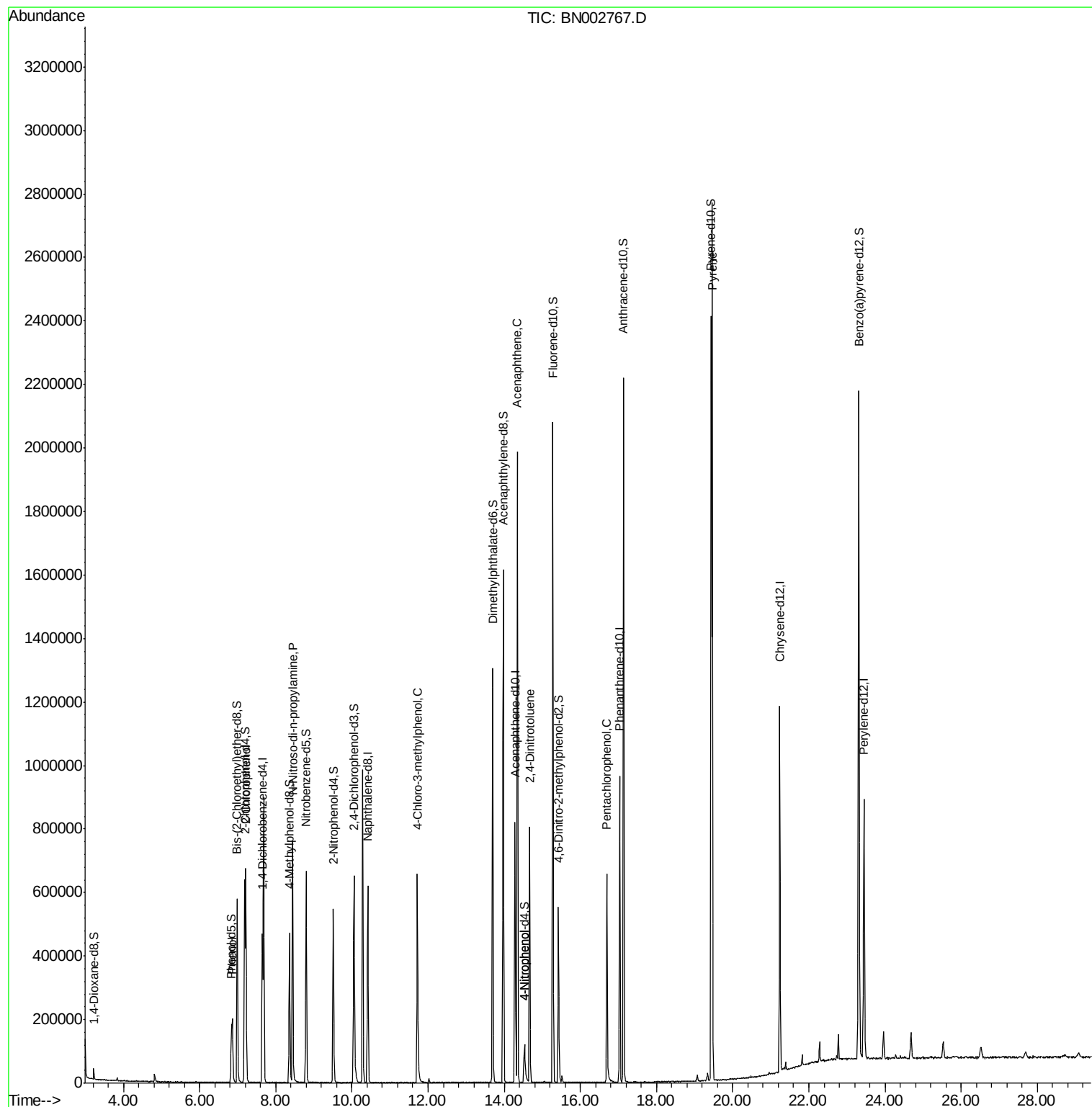
					Ovalue
6) Phenol	6.86	94	114190	10.615	ng/ul 97
10) 2-Chlorophenol	7.22	128	297164	34.102	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.45	70	268569	41.983	ng/ul 96
33) 4-Chloro-3-methylphenol	11.72	107	277710	34.730	ng/ul 99
49) Acenaphthene	14.35	153	784279	43.102	ng/ul 99
52) 4-Nitrophenol	14.53	109	20428	8.479	ng/ul 93
54) 2,4-Dinitrotoluene	14.67	165	258914	44.450	ng/ul 88
68) Pentachlorophenol	16.69	266	134759	43.781	ng/ul 97
79) Pvrene	19.46	202	1627773	44.321	ng/ul 97

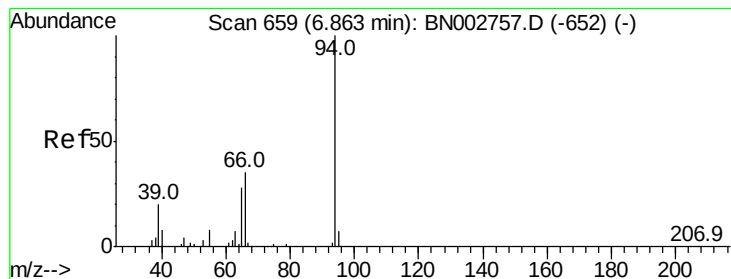
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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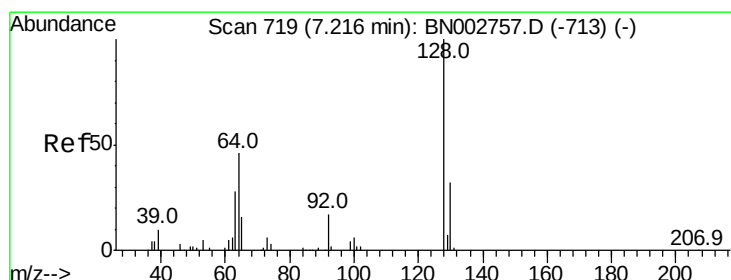
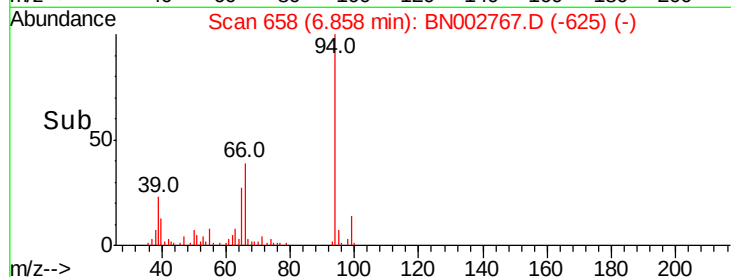
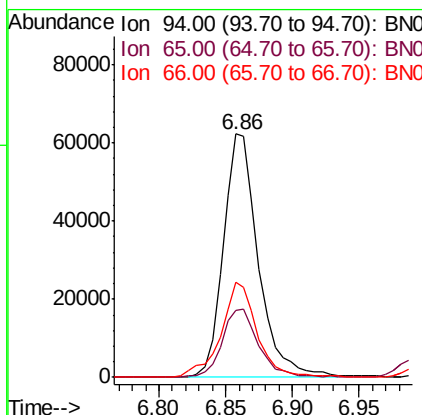
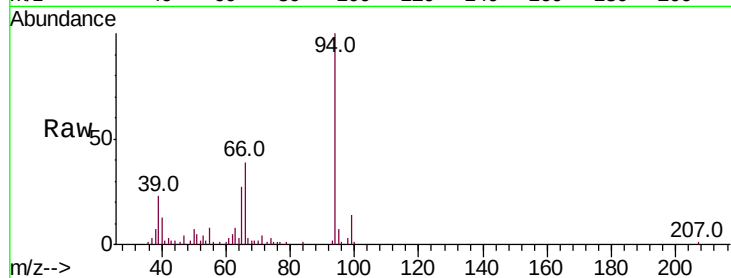
#6

Phenol

Concen: 10.615 ng/ul
 RT: 6.86 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BN002767.D
 Acq: 18 Sep 2018 23:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	94	Resp	114190
Ion	Ratio	Lower	Upper
94	100		
65	27.4	23.1	34.7
66	38.9	29.8	44.6

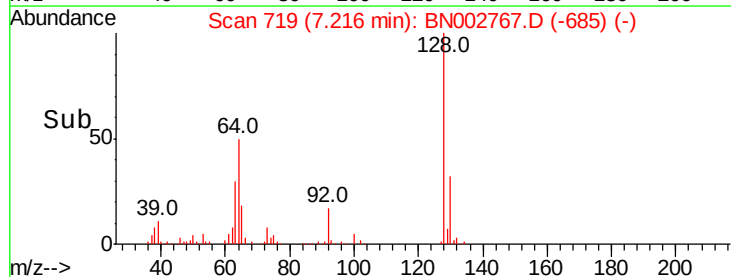
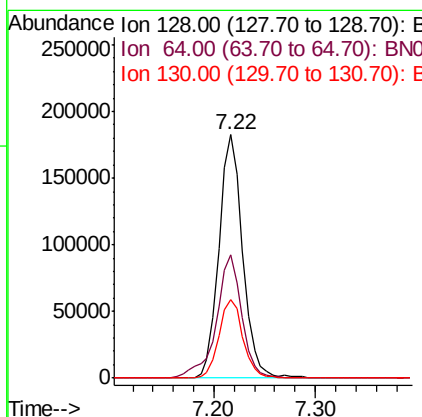
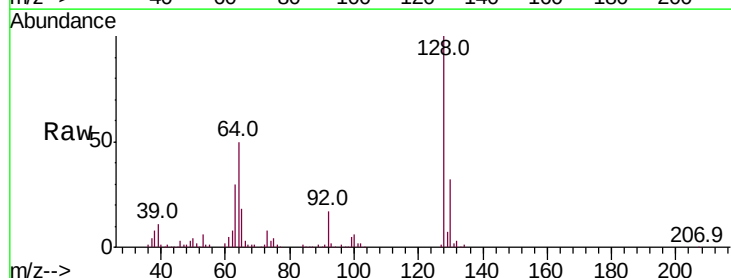


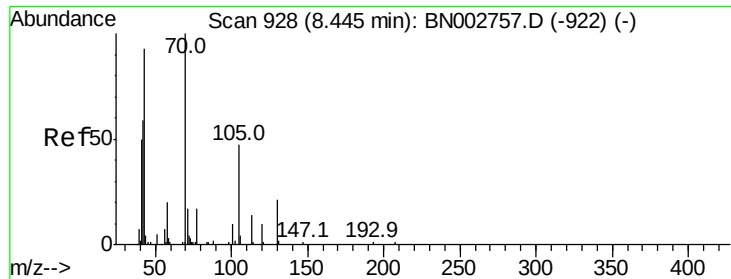
#10

2-Chlorophenol

Concen: 34.102 ng/ul
 RT: 7.22 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BN002767.D
 Acq: 18 Sep 2018 23:51

Tgt Ion	128	Resp	297164
Ion	Ratio	Lower	Upper
128	100		
64	50.5	40.4	60.6
130	32.3	26.8	40.2

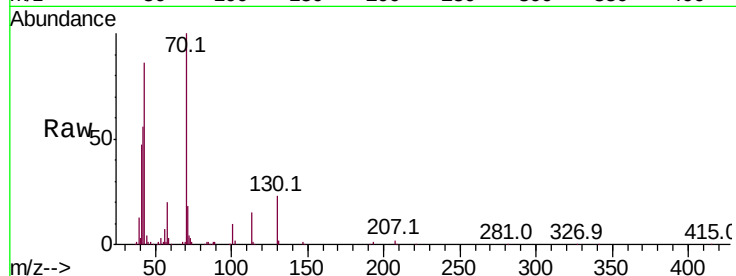




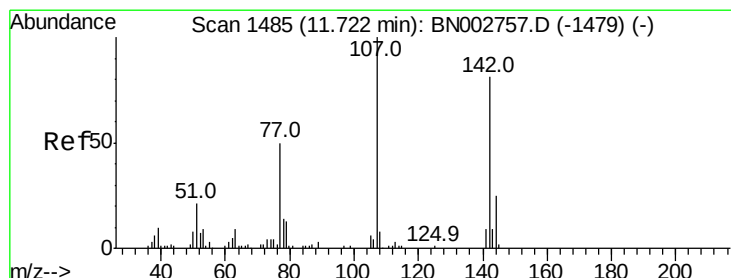
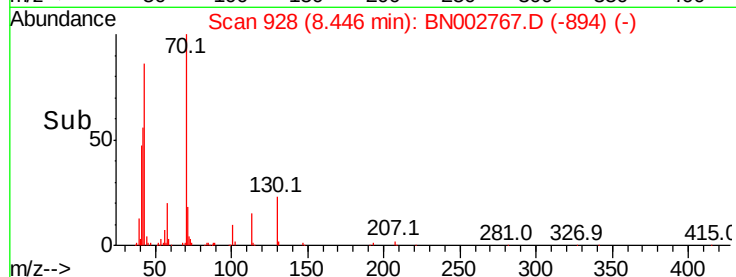
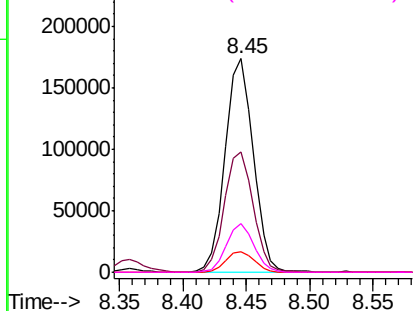
#15
N-Nitroso-di-n-propylamine
Concen: 41.983 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BN002767.D
Acq: 18 Sep 2018 23:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	70	Resp:	268569
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.7	71.5
101	9.8	8.0	12.0
130	22.6	16.0	24.0

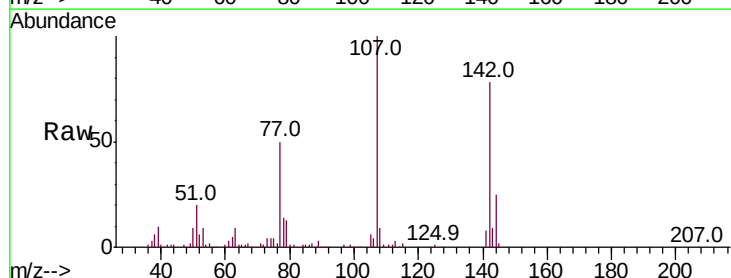


Abundance Ion 70.00 (69.70 to 70.70): BN002767.D (-894) (-)
Ion 42.00 (41.70 to 42.70): BN002767.D (-894) (-)
Ion 101.00 (100.70 to 101.70): BN002767.D (-894) (-)
Ion 130.00 (129.70 to 130.70): BN002767.D (-894) (-)

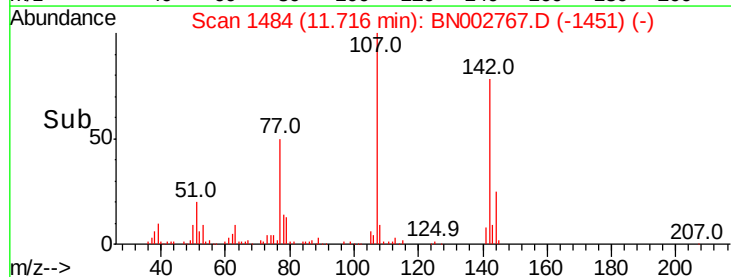
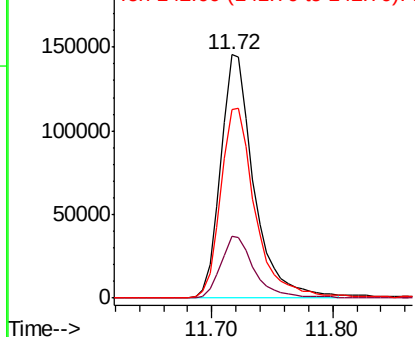


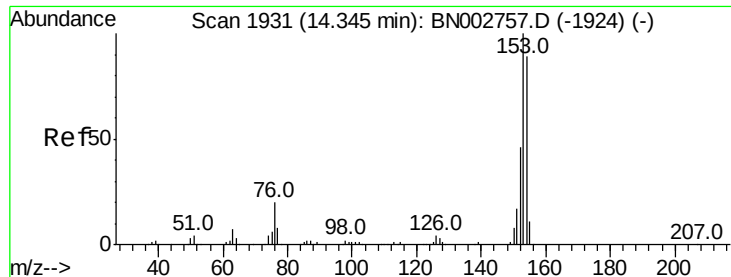
#33
4-Chloro-3-methylphenol
Concen: 34.730 ng/ul
RT: 11.72 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BN002767.D
Acq: 18 Sep 2018 23:51

Tgt Ion:	107	Resp:	277710
Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.2	30.4
142	77.7	62.9	94.3



Abundance Ion 107.00 (106.70 to 107.70): BN002767.D (-1451) (-)
Ion 144.00 (143.70 to 144.70): BN002767.D (-1451) (-)
Ion 142.00 (141.70 to 142.70): BN002767.D (-1451) (-)





#49

Acenaphthene

Concen: 43.102 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN002767.D

Acq: 18 Sep 2018 23:51

Instrument :

BNA_N

ClientSampleId :

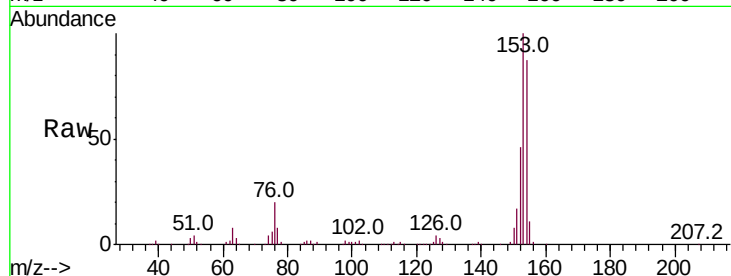
Tot Ion:153 Resp: 784279

Ion Ratio Lower Upper

153 100

152 46.5 37.8 56.6

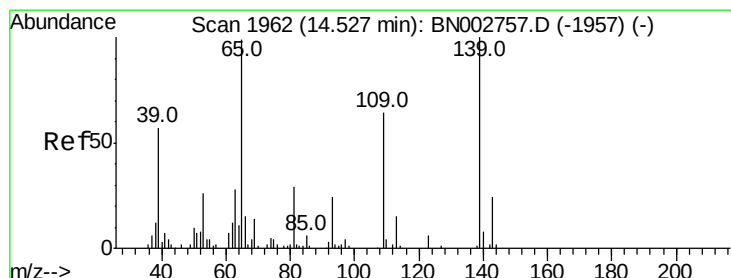
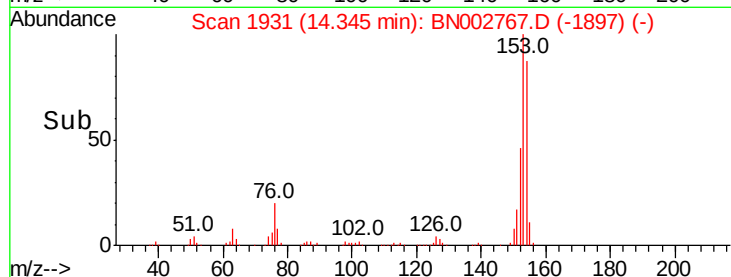
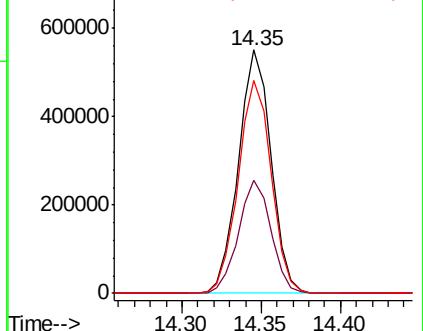
154 87.5 70.9 106.3



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: 8.479 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BN002767.D

Acq: 18 Sep 2018 23:51

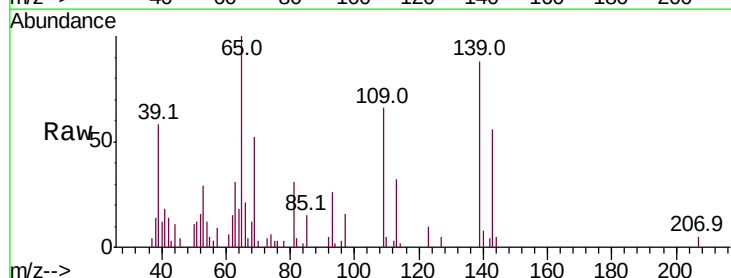
Tgt Ion:109 Resp: 20428

Ion Ratio Lower Upper

109 100

139 134.3 116.5 174.7

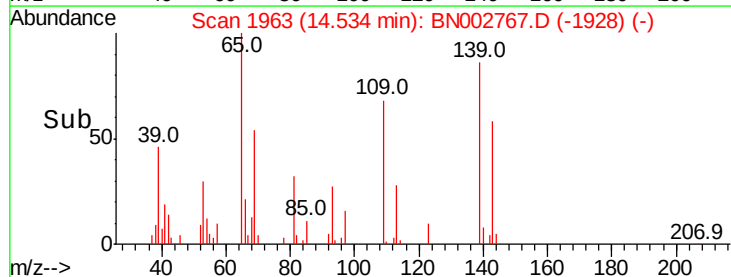
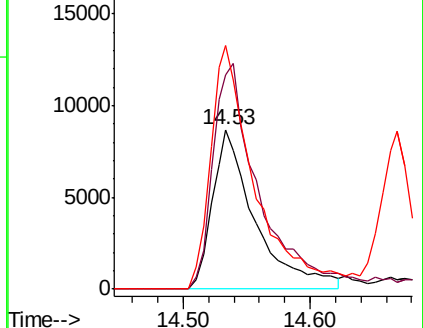
65 152.5 116.7 175.1

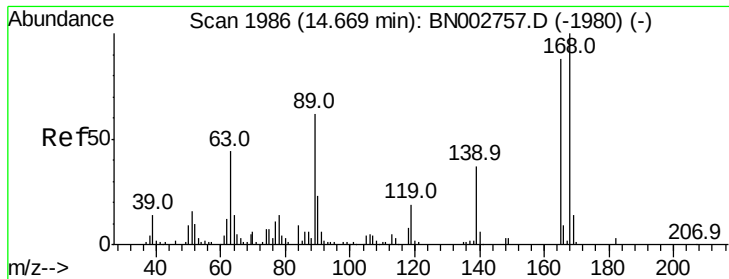


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#54

2,4-Dinitrotoluene

Concen: 44.450 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN002767.D

Acq: 18 Sep 2018 23:51

Instrument :

BNA_N

ClientSampleId :

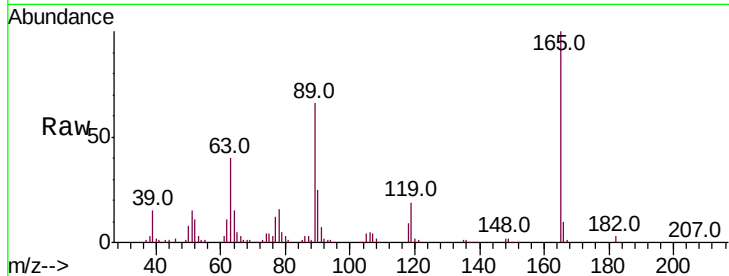
Tot Ion:165 Resp: 258914

Ion Ratio Lower Upper

165 100

63 40.5 39.0 58.6

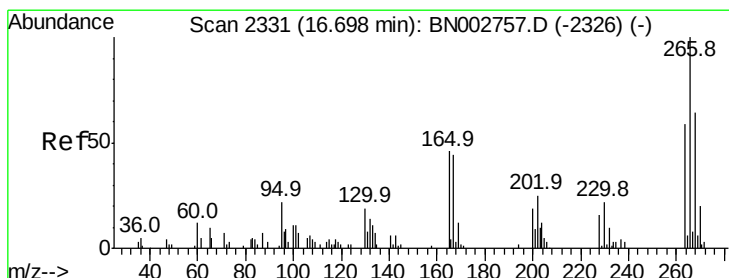
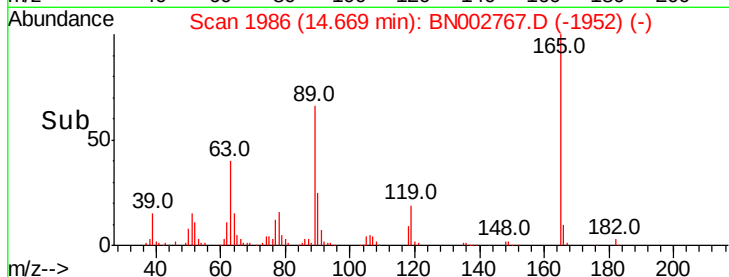
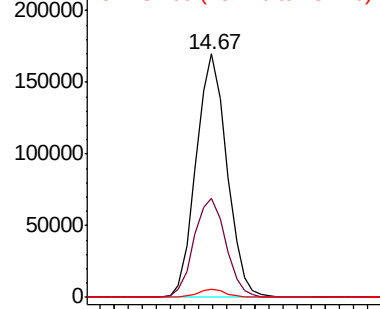
182 3.2 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 43.781 ng/ul

RT: 16.69 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN002767.D

Acq: 18 Sep 2018 23:51

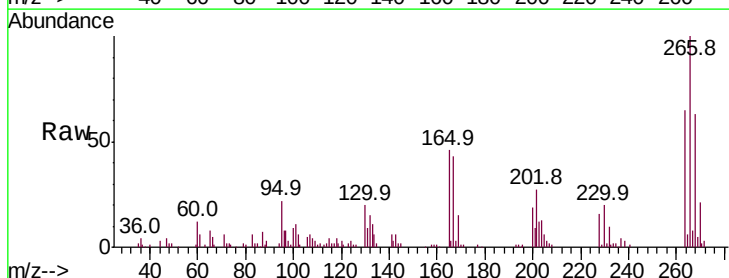
Tgt Ion:266 Resp: 134759

Ion Ratio Lower Upper

266 100

264 65.2 49.9 74.9

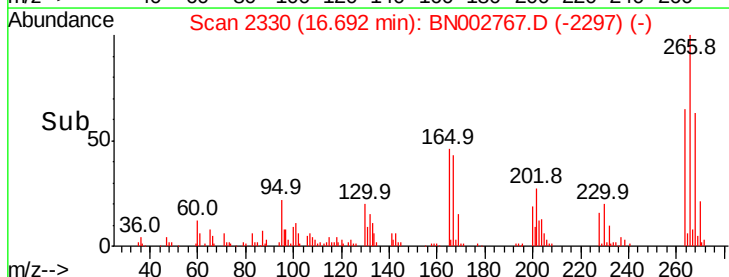
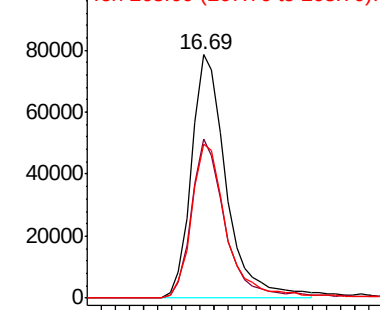
268 63.3 52.6 79.0

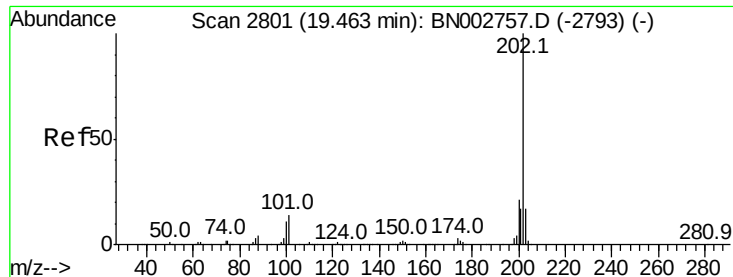


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 44.321 ng/ul

RT: 19.46 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BN002767.D

Acq: 18 Sep 2018 23:51

Instrument :

BNA_N

ClientSampleId :

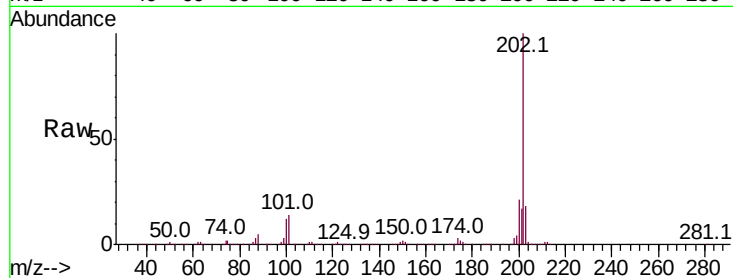
Tot Ion:202 Resp: 1627773

Ion Ratio Lower Upper

202 100

101 14.2 10.8 16.2

100 12.1 8.2 12.2



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

