

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005767.D
 Acq On : 18 May 2019 23:23
 Operator : JU/SJ
 Sample : K2690-23MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5167MSD

Quant Time: May 20 04:05:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 20 03:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	105563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	475980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	332891	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	817602	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	879005	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1014155	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	14639	7.76	ng/uL	0.00
5) Phenol-d5	6.76	99	299906	36.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	165835	38.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	249120	37.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	256119	36.71	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	138894	40.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	160783	40.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	290958	38.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	357295	42.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1013781	39.58	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1257490	40.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	155644	43.14	ng/ul	0.00
57) Fluorene-d10	15.21	176	879188	39.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	160601	32.68	ng/ul	0.00
70) Anthracene-d10	17.07	188	1402838	39.72	ng/ul	0.00
78) Pyrene-d10	19.39	212	1669042	38.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1827711	40.18	ng/ul	-0.02

Target Compounds

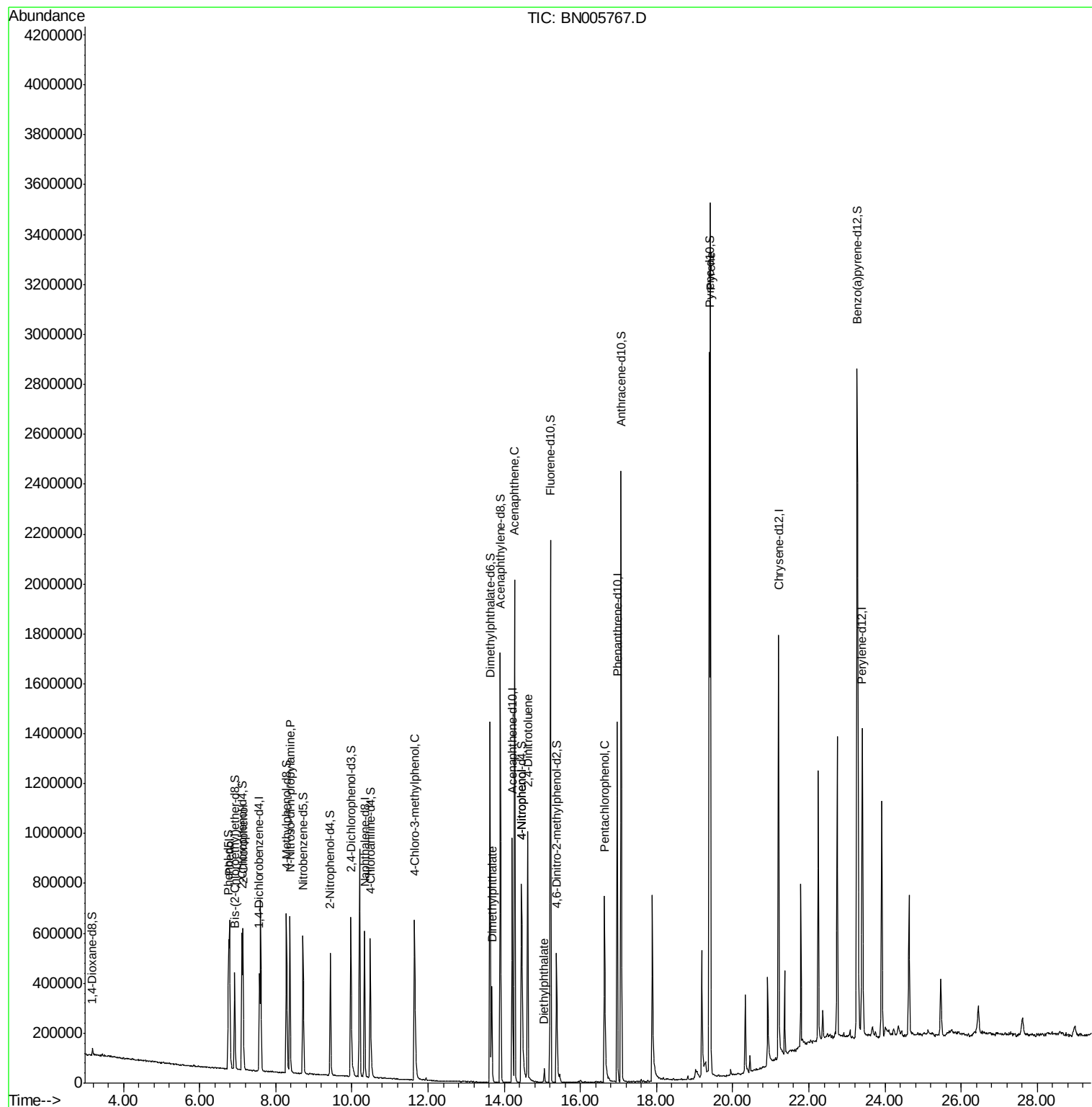
					Ovalue
6) Phenol	6.79	94	301781	36.288	ng/ul 96
10) 2-Chlorophenol	7.14	128	245304	36.926	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.37	70	209126	38.772	ng/ul# 90
33) 4-Chloro-3-methylphenol	11.65	107	321330	38.777	ng/ul 95
44) Dimethylphthalate	13.68	163	254850	10.091	ng/ul 99
49) Acenaphthene	14.27	153	806778	39.732	ng/ul 99
52) 4-Nitrophenol	14.46	109	148315	44.011	ng/ul 94
54) 2,4-Dinitrotoluene	14.62	165	304056	38.129	ng/ul 90
56) Diethylphthalate	15.05	149	29363	1.149	ng/ul 96
68) Pentachlorophenol	16.63	266	179804	40.575	ng/ul 97
79) Pyrene	19.42	202	2059375	38.152	ng/ul# 90

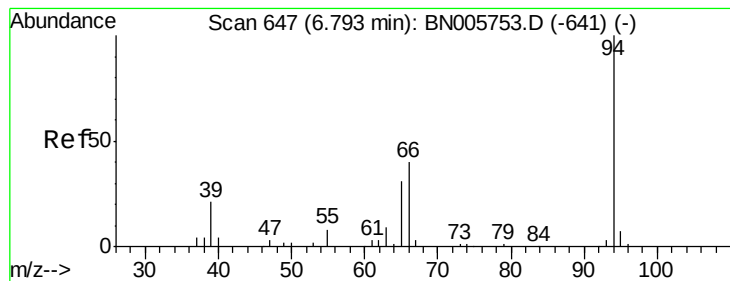
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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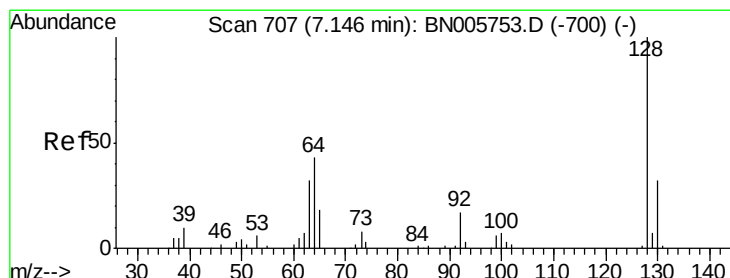
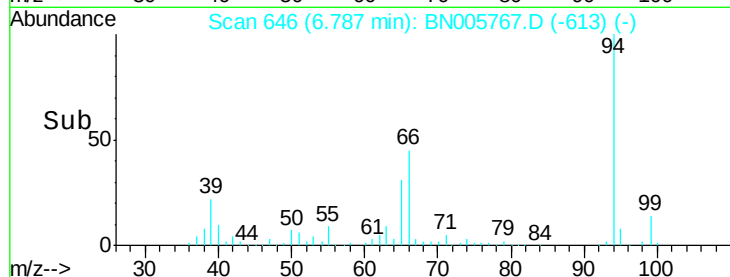
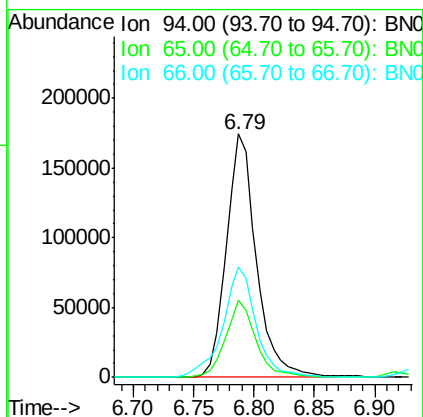
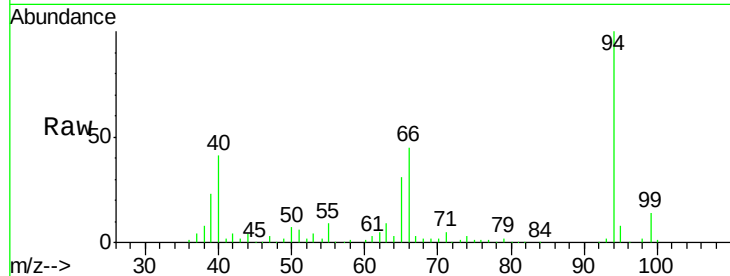
#6

Phenol

Concen: 36.288 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. -0.01 min
Lab File: BN005767.D
Acq: 18 May 2019 23:23

Instrument :
BNA_N
ClientSampleId :
A5167MSD

Tot Ion: 94 Resp: 301781
Ion Ratio Lower Upper
94 100
65 31.5 24.2 36.4
66 45.2 33.8 50.6

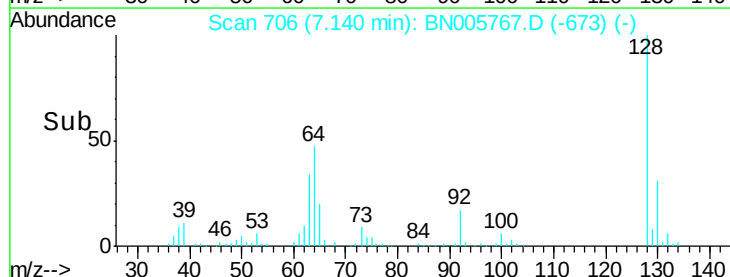
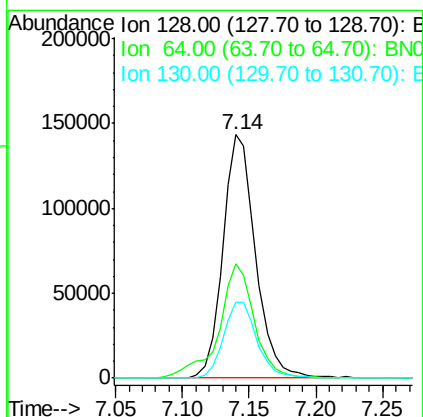
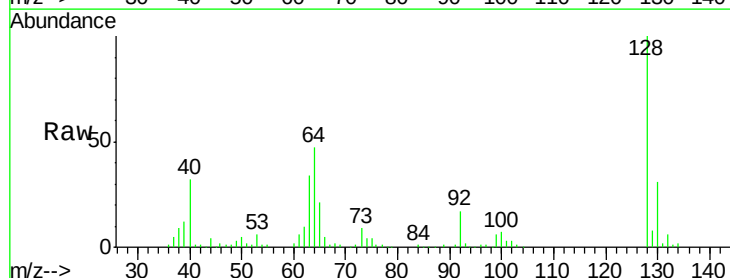


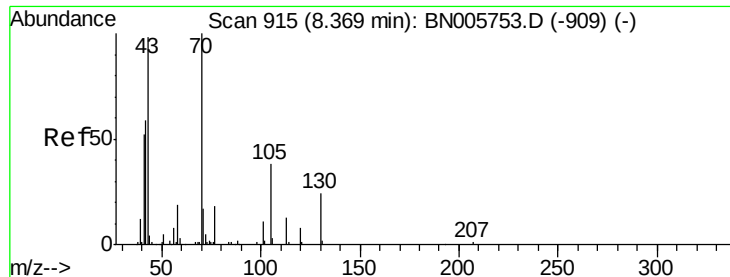
#10

2-Chlorophenol

Concen: 36.926 ng/ul
RT: 7.14 min Scan# 706
Delta R.T. -0.01 min
Lab File: BN005767.D
Acq: 18 May 2019 23:23

Tgt Ion: 128 Resp: 245304
Ion Ratio Lower Upper
128 100
64 47.0 42.3 63.5
130 31.1 26.5 39.7





#15

N-Nitroso-di-n-propylamine

Concen: 38.772 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. -0.01 min

Lab File: BN005767.D

Acq: 18 May 2019 23:23

Instrument :

BNA_N

ClientSampleId :

A5167MSD

Tot Ion: 70 Resp: 209126

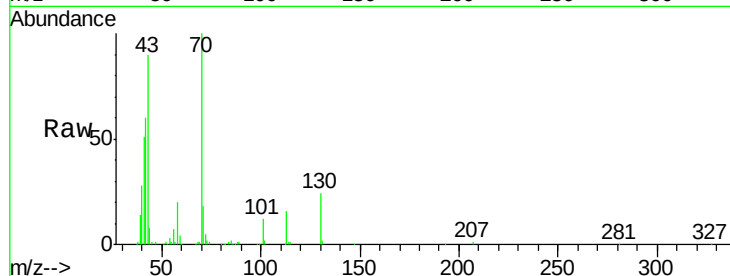
Ion Ratio Lower Upper

70 100

42 59.7 53.8 80.8

101 12.0 7.7 11.5#

130 24.3 15.0 22.4#

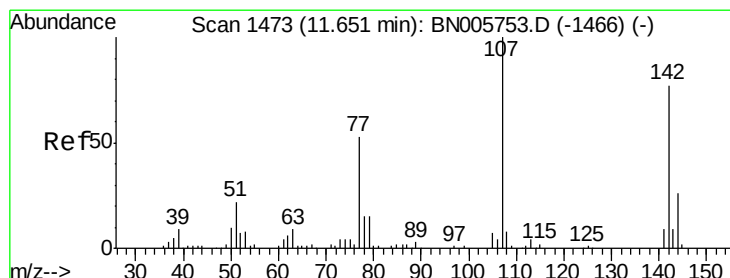
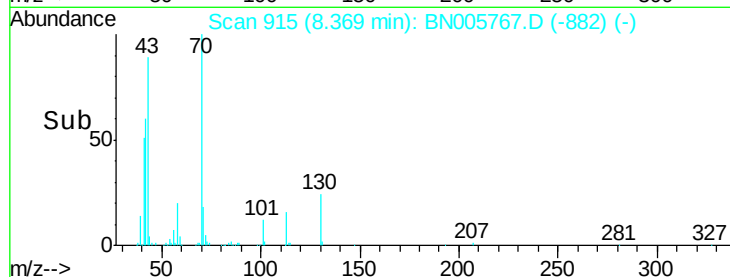
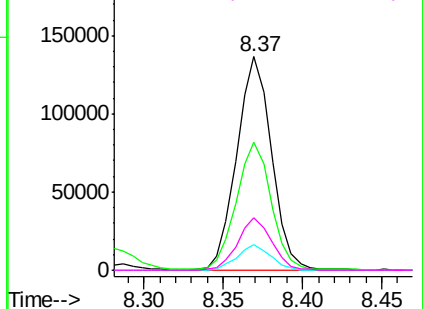


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 38.777 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005767.D

Acq: 18 May 2019 23:23

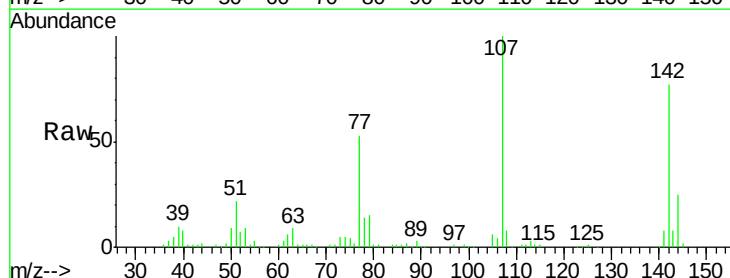
Tgt Ion: 107 Resp: 321330

Ion Ratio Lower Upper

107 100

144 25.1 19.4 29.0

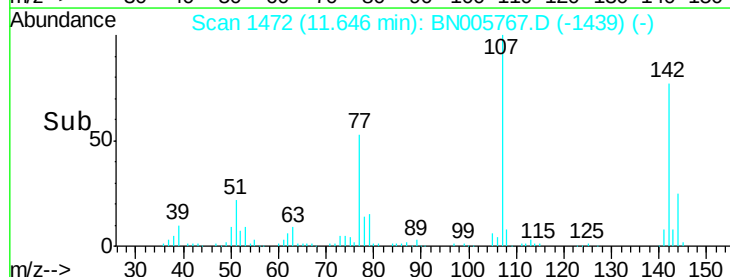
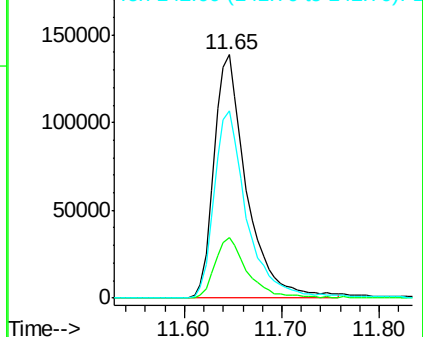
142 77.1 57.7 86.5

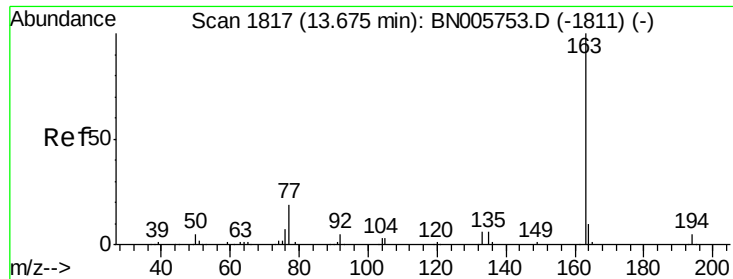


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 10.091 ng/ul

RT: 13.68 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN005767.D

Acq: 18 May 2019 23:23

Instrument :

BNA_N

ClientSampleId :

A5167MSD

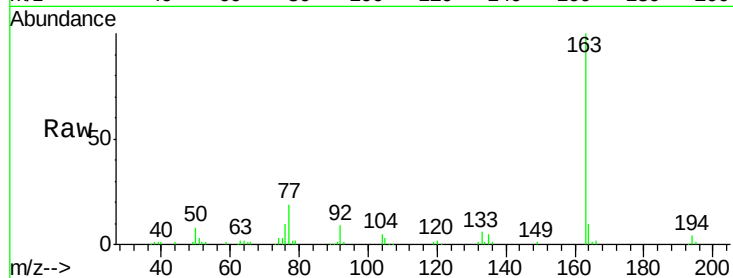
Tot Ion:163 Resp: 254850

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

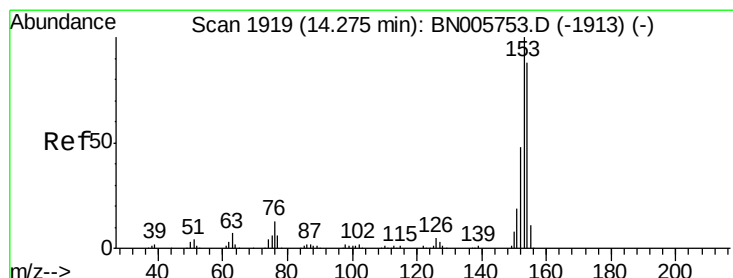
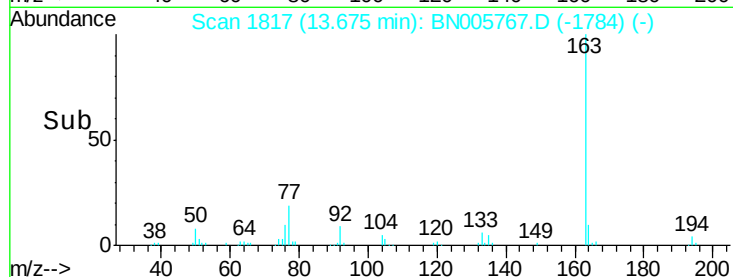
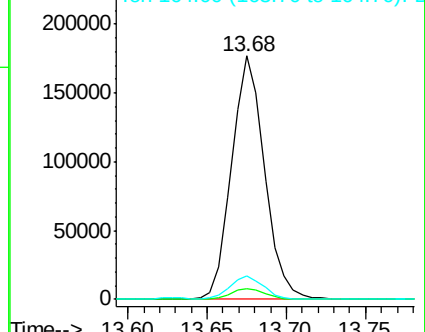
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 39.732 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BN005767.D

Acq: 18 May 2019 23:23

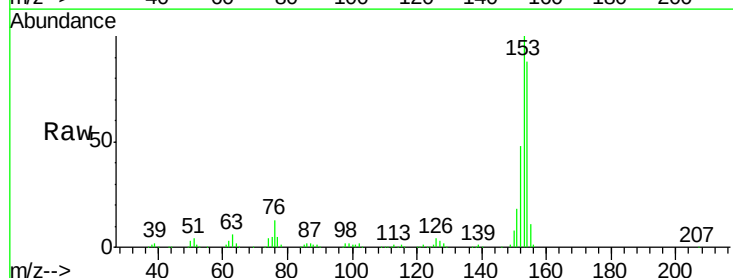
Tgt Ion:153 Resp: 806778

Ion Ratio Lower Upper

153 100

152 48.0 37.4 56.0

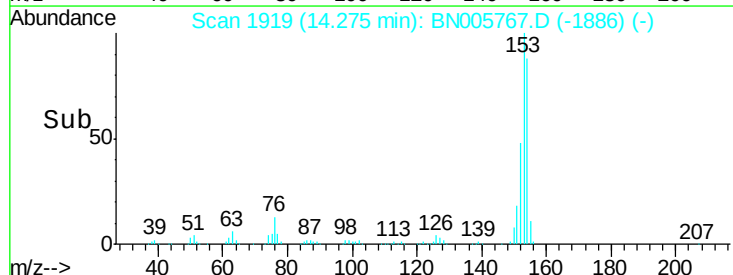
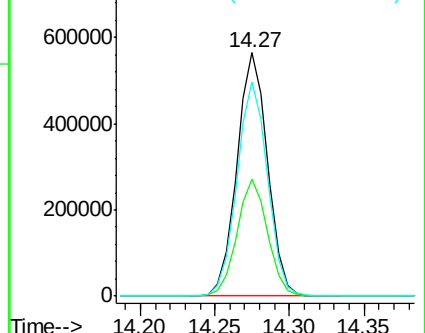
154 87.9 71.2 106.8

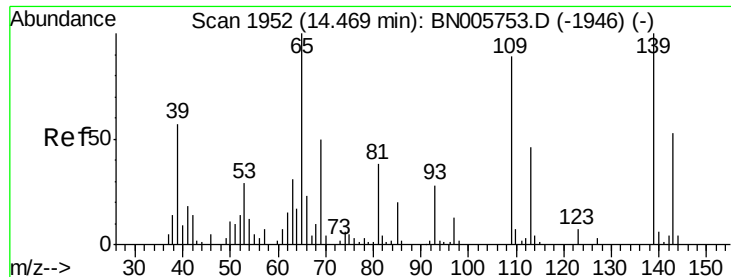


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 44.011 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN005767.D

Acq: 18 May 2019 23:23

Instrument :

BNA_N

ClientSampleId :

A5167MSD

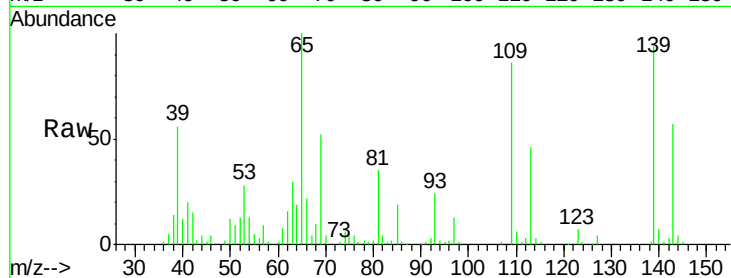
Tot Ion:109 Resp: 148315

Ion Ratio Lower Upper

109 100

139 108.8 92.3 138.5

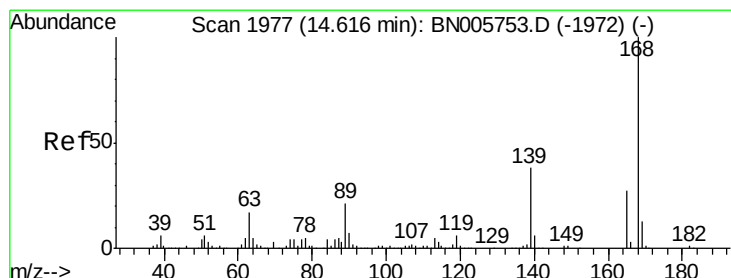
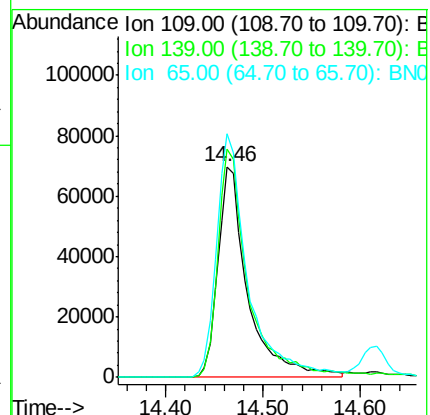
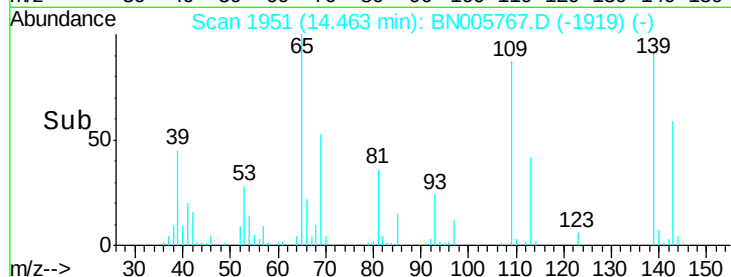
65 115.8 97.5 146.3



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: 38.129 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN005767.D

Acq: 18 May 2019 23:23

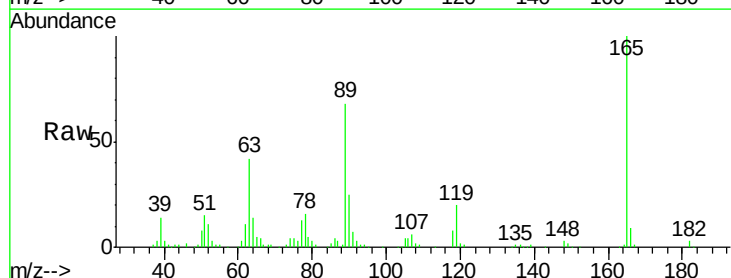
Tgt Ion:165 Resp: 304056

Ion Ratio Lower Upper

165 100

63 41.7 38.9 58.3

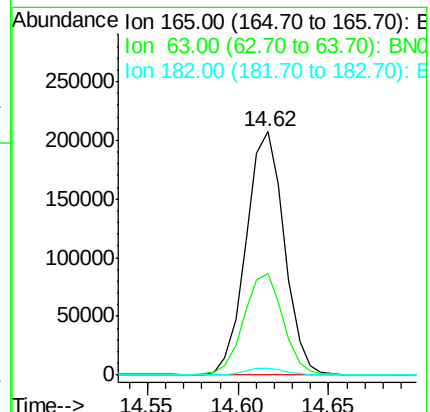
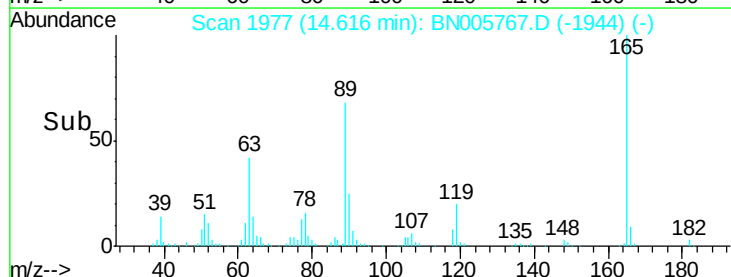
182 2.9 2.6 3.8

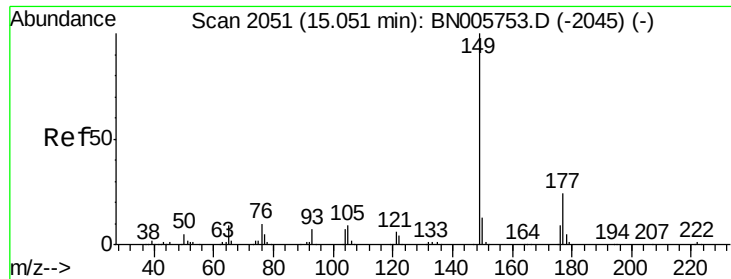


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

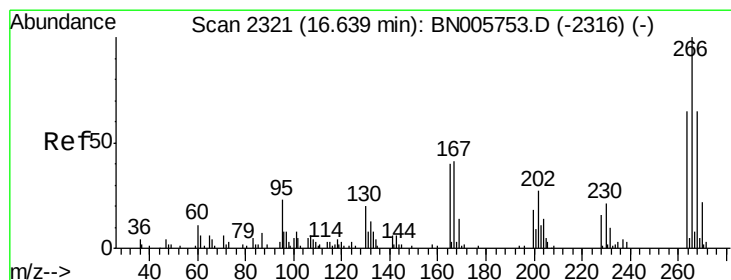
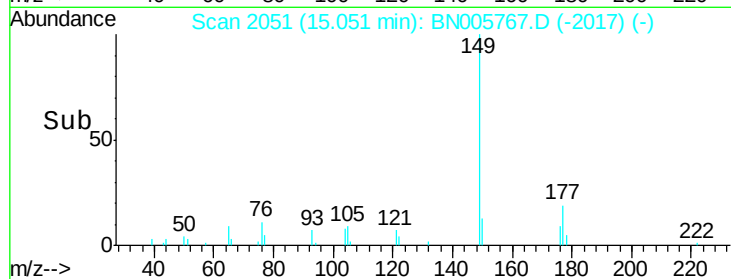
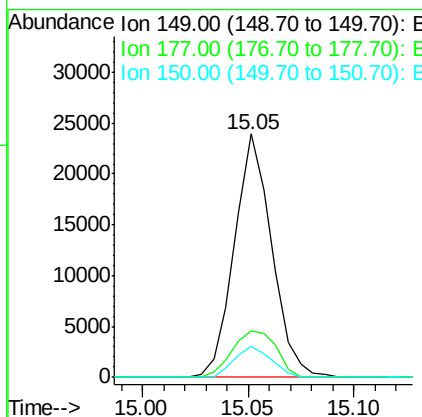
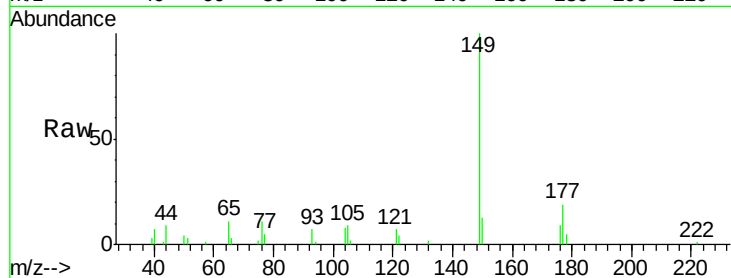




#56
Diethylphthalate
Concen: 1.149 ng/ul
RT: 15.05 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BN005767.D
Acq: 18 May 2019 23:23

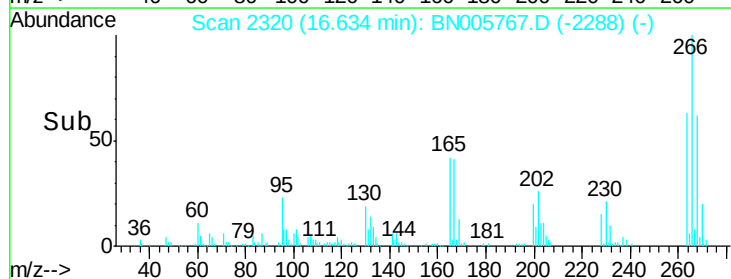
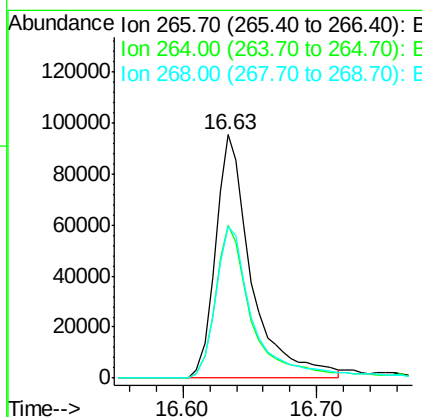
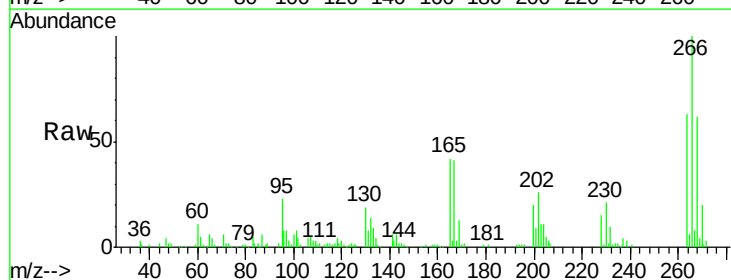
Instrument :
BNA_N
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A5167MSD

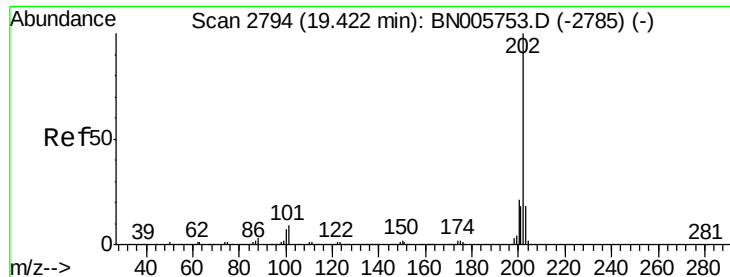
Tot Ion:149 Resp: 29363
Ion Ratio Lower Upper
149 100
177 19.1 17.7 26.5
150 12.8 10.0 15.0



#68
Pentachlorophenol
Concen: 40.575 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN005767.D
Acq: 18 May 2019 23:23

Tgt Ion:266 Resp: 179804
Ion Ratio Lower Upper
266 100
264 62.6 49.7 74.5
268 62.2 52.4 78.6





#79

Pvrene

Concen: 38.152 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005767.D

Acq: 18 May 2019 23:23

Instrument :

BNA_N

ClientSampleId :

A5167MSD

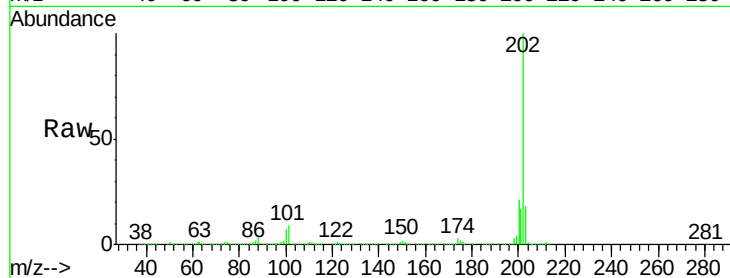
Tot Ion:202 Resp: 2059375

Ion Ratio Lower Upper

202 100

101 8.5 10.3 15.5#

100 6.9 7.9 11.9#



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

