

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005328.D
 Acq On : 26 Apr 2019 22:13
 Operator : JU/SJ
 Sample : K2497-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHY1MSD

Quant Time: Apr 27 00:48:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	461620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2005960	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1258519	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2940964	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2668020	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	2389644	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	42670	4.46	ng/uL	0.00
5) Phenol-d5	6.78	99	955367	26.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	551696	24.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	745439	26.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	797878	28.15	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	390035	31.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	449565	35.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	810139	28.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1099536	37.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2780253	30.43	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3248708	28.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	455338	31.57	ng/ul	0.00
57) Fluorene-d10	15.23	176	2306639	30.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	403817	30.53	ng/ul	0.00
70) Anthracene-d10	17.08	188	3744857	30.37	ng/ul	0.00
78) Pyrene-d10	19.39	212	4048662	29.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	3122381	29.90	ng/ul	0.00

Target Compounds

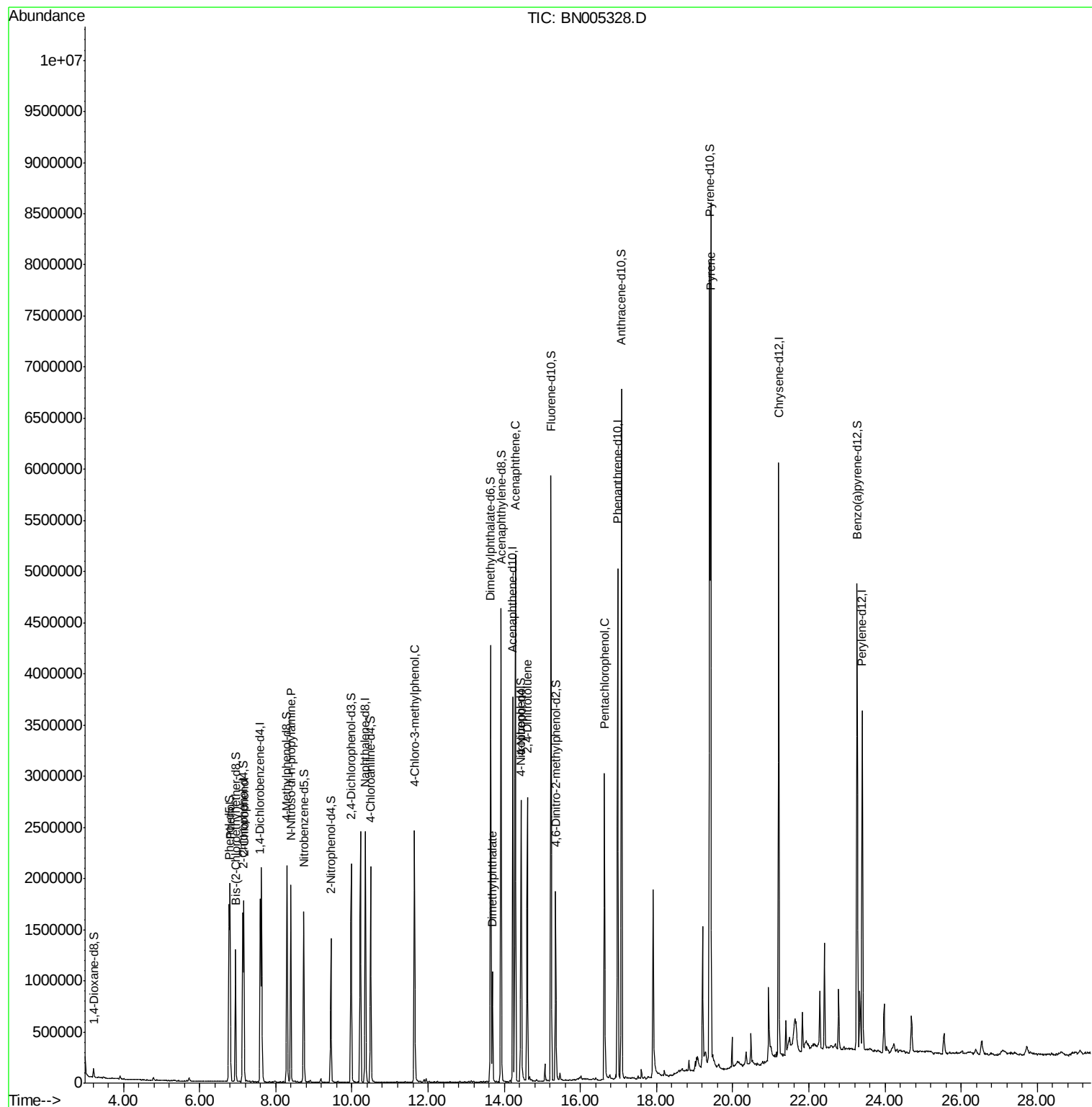
					Ovalue
6) Phenol	6.80	94	969823	26.006	ng/ul 96
10) 2-Chlorophenol	7.16	128	737162	25.699	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.39	70	660382	27.218	ng/ul 89
33) 4-Chloro-3-methylphenol	11.64	107	919124	28.827	ng/ul 94
44) Dimethylphthalate	13.69	163	660535	7.256	ng/ul 99
49) Acenaphthene	14.29	153	2078725	27.613	ng/ul 99
52) 4-Nitrophenol	14.45	109	364839	27.864	ng/ul 88
54) 2,4-Dinitrotoluene	14.60	165	808838	35.696	ng/ul 88
68) Pentachlorophenol	16.63	266	541650	29.321	ng/ul 99
79) Pyrene	19.42	202	4916589	28.621	ng/ul 99

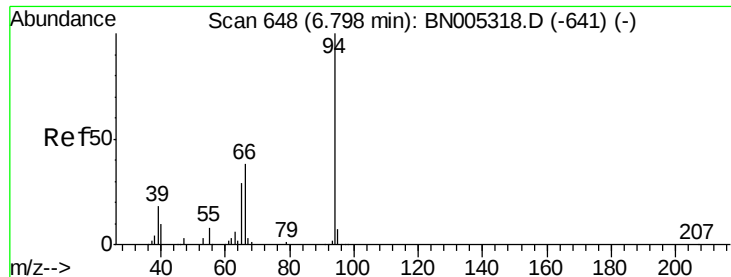
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 26.006 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005328.D

Acq: 26 Apr 2019 22:13

Instrument :

BNA_N

ClientSampleId :

GAHY1MSD

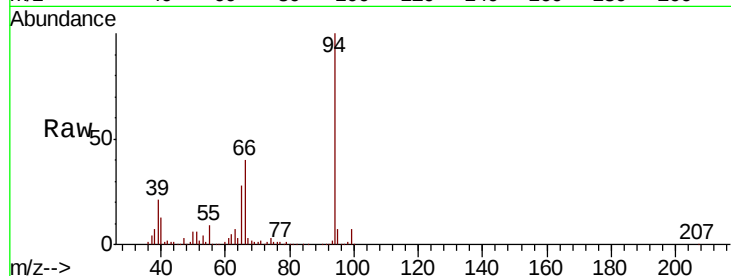
Tot Ion: 94 Resp: 969823

Ion Ratio Lower Upper

94 100

65 28.2 24.2 36.4

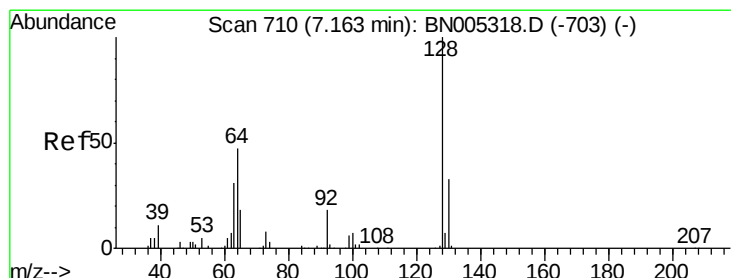
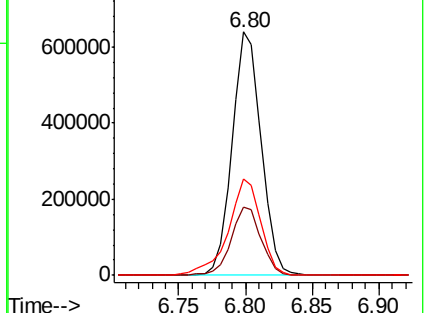
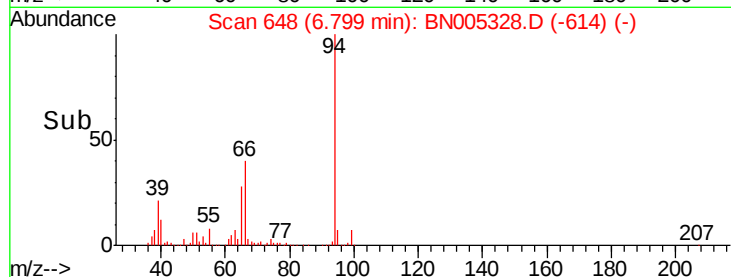
66 39.9 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005318.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN005318.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005318.D (-641) (-)



#10

2-Chlorophenol

Concen: 25.699 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN005328.D

Acq: 26 Apr 2019 22:13

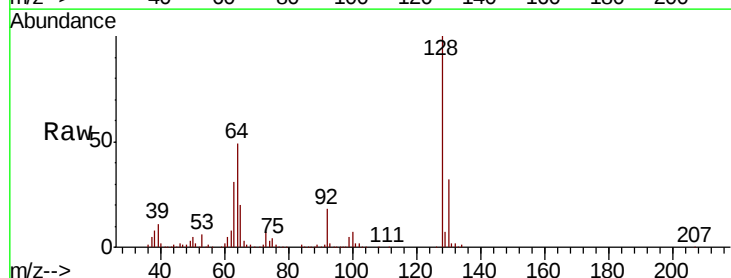
Tgt Ion: 128 Resp: 737162

Ion Ratio Lower Upper

128 100

64 49.0 42.3 63.5

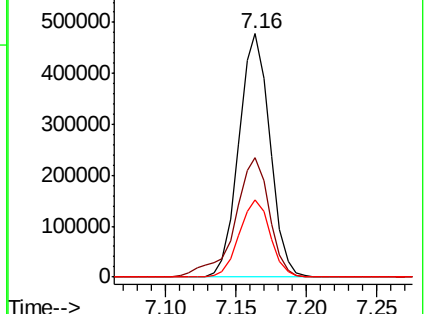
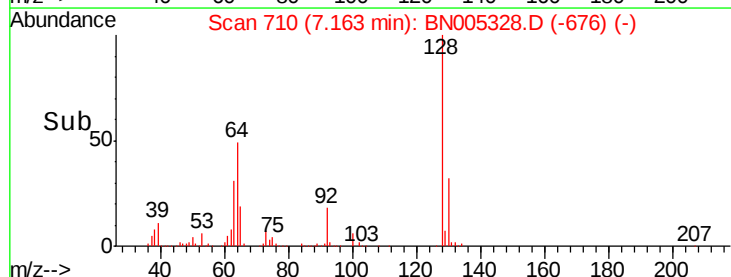
130 31.8 26.5 39.7

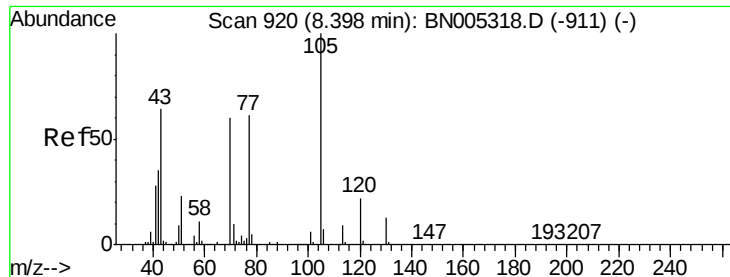


Abundance Ion 128.00 (127.70 to 128.70): BN005318.D (-703) (-)

Ion 64.00 (63.70 to 64.70): BN005318.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BN005318.D (-703) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 27.218 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.01 min

Lab File: BN005328.D

Acq: 26 Apr 2019 22:13

Instrument :

BNA_N

ClientSampleId :

GAHY1MSD

Tot Ion: 70 Resp: 660382

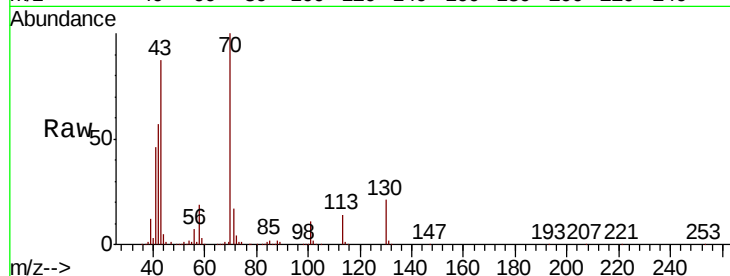
Ion Ratio Lower Upper

70 100

42 56.5 53.8 80.8

101 10.6 7.7 11.5

130 20.6 15.0 22.4

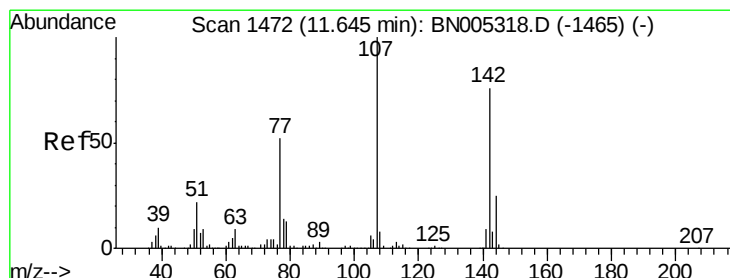
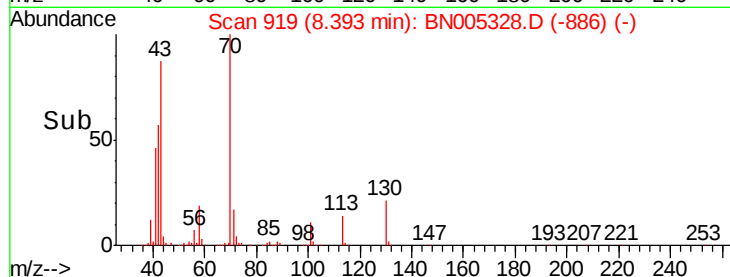
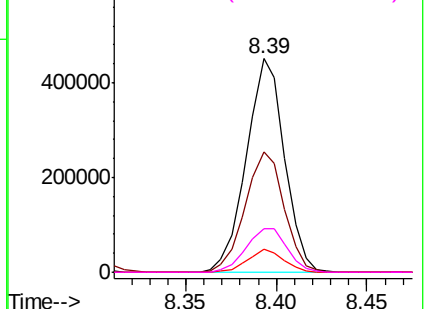


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 28.827 ng/ul

RT: 11.64 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BN005328.D

Acq: 26 Apr 2019 22:13

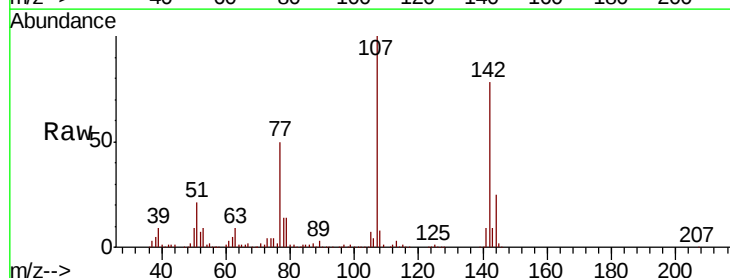
Tgt Ion:107 Resp: 919124

Ion Ratio Lower Upper

107 100

144 25.4 19.4 29.0

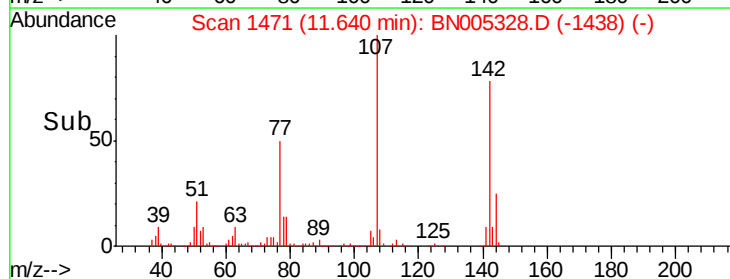
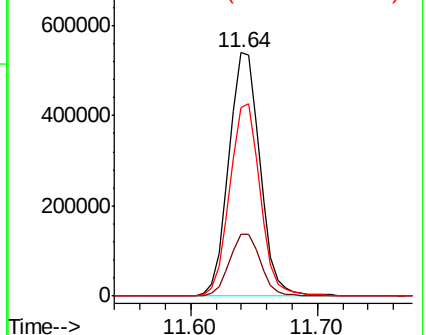
142 77.5 57.7 86.5

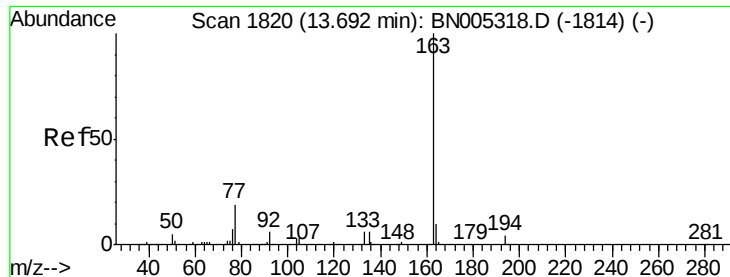


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

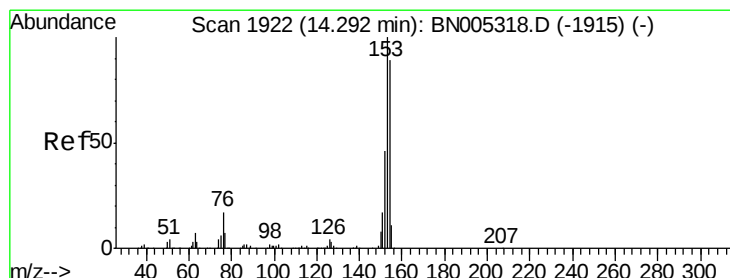
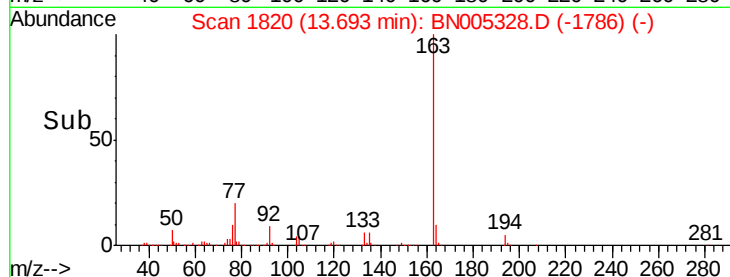
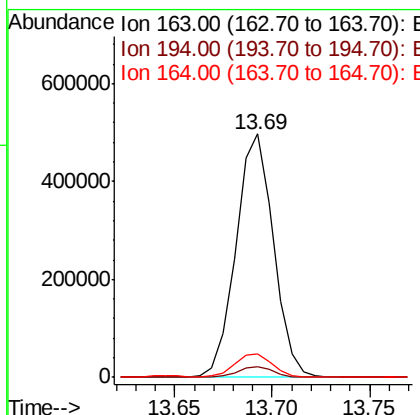
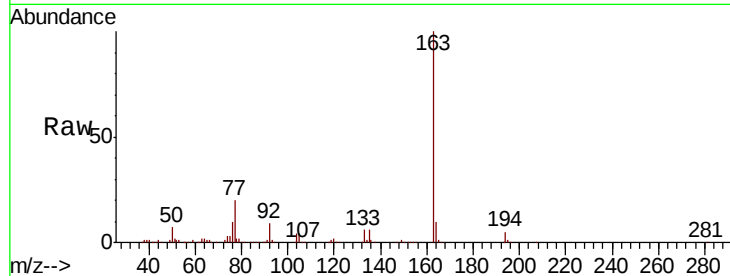




#44
Dimethylphthalate
Concen: 7.256 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BN005328.D
Acq: 26 Apr 2019 22:13

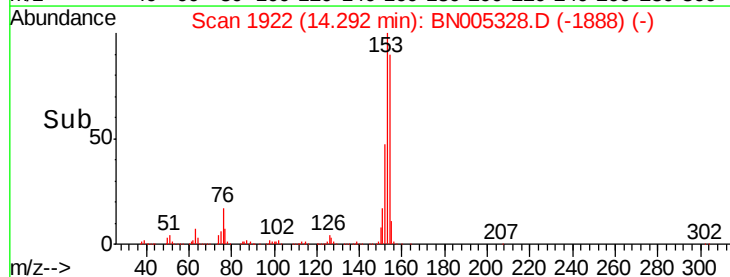
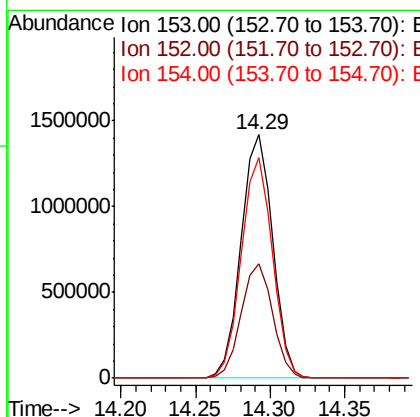
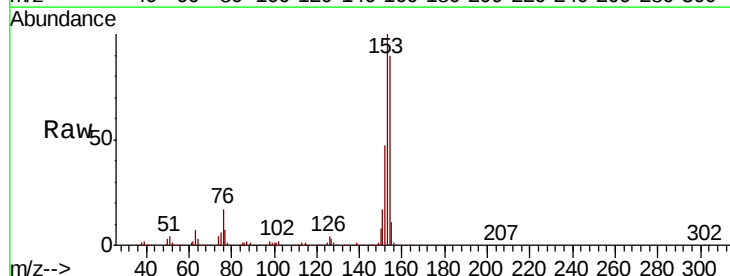
Instrument :
BNA_N
ClientSampleId :
GAHY1MSD

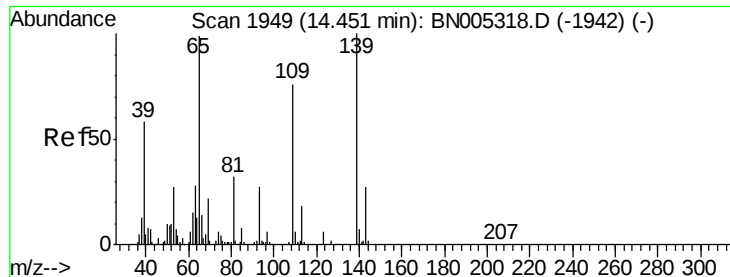
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.7	8.1	12.1



#49
Acenaphthene
Concen: 27.613 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BN005328.D
Acq: 26 Apr 2019 22:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.4	56.0
154	90.4	71.2	106.8





#52

4-Nitrophenol

Concen: 27.864 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BN005328.D

Acq: 26 Apr 2019 22:13

Instrument :

BNA_N

ClientSampleId :

GAHY1MSD

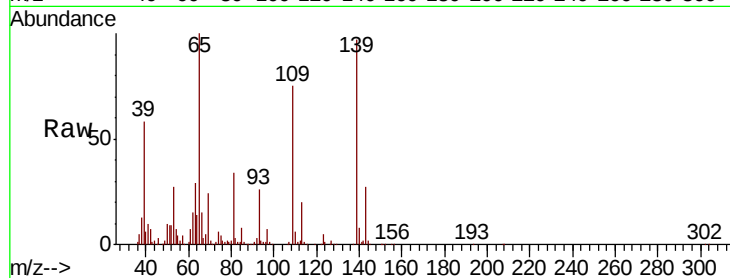
Tot Ion:109 Resp: 364839

Ion Ratio Lower Upper

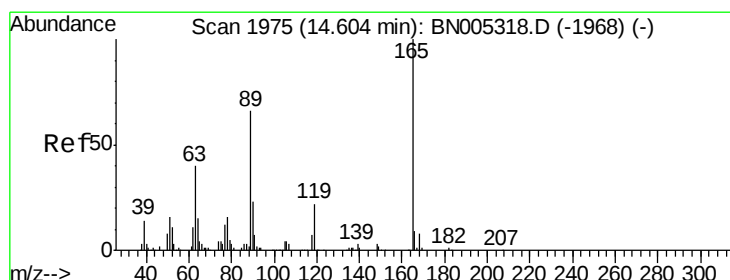
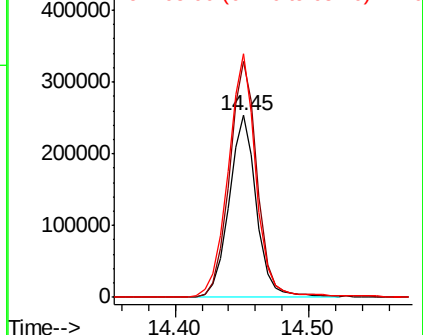
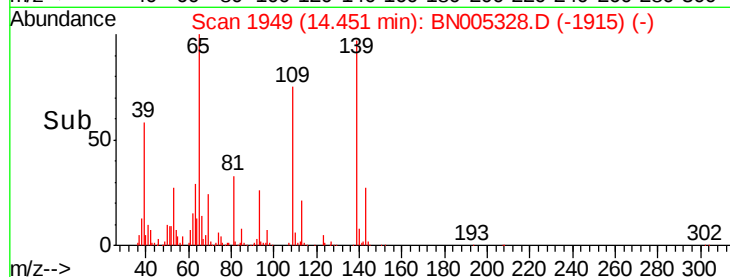
109 100

139 129.9 92.3 138.5

65 134.0 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): BN



#54

2,4-Dinitrotoluene

Concen: 35.696 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN005328.D

Acq: 26 Apr 2019 22:13

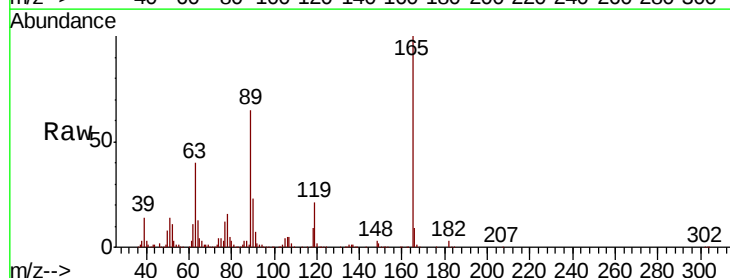
Tgt Ion:165 Resp: 808838

Ion Ratio Lower Upper

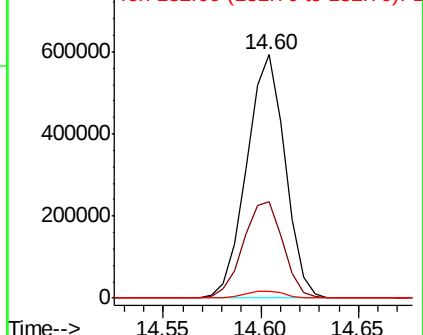
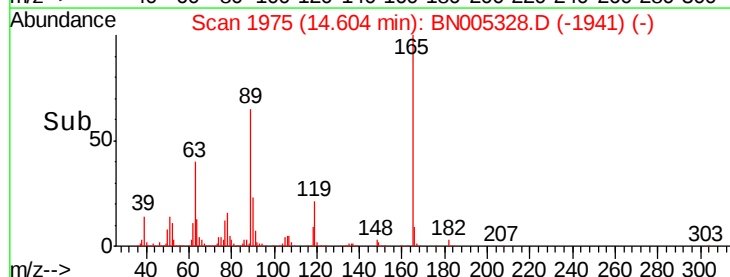
165 100

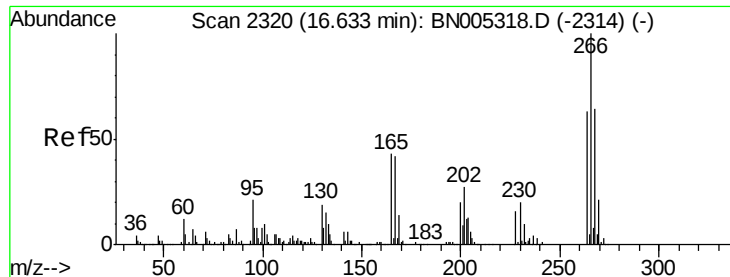
63 39.8 38.9 58.3

182 2.7 2.6 3.8



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

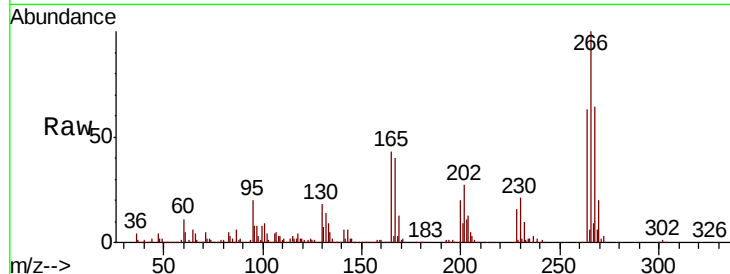




#68
 Pentachlorophenol
 Concen: 29.321 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BN005328.D
 Acq: 26 Apr 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 GAHY1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.7	74.5
268	64.1	52.4	78.6

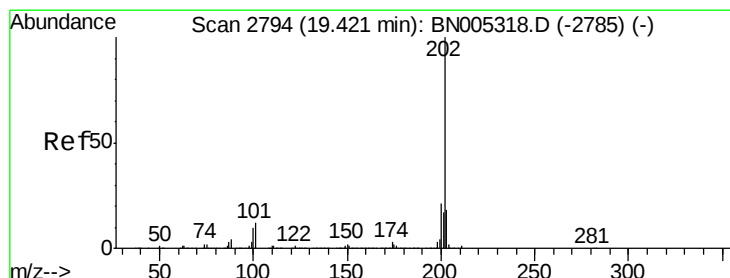
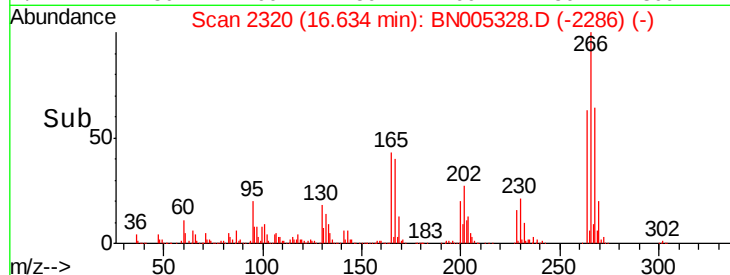
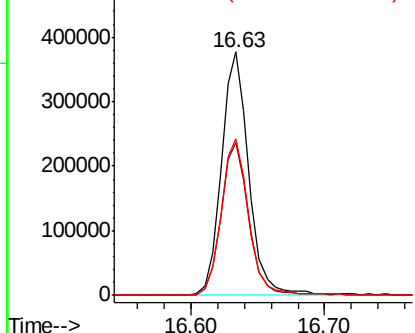


Abundance

Ion 265.70 (265.40 to 266.40): E

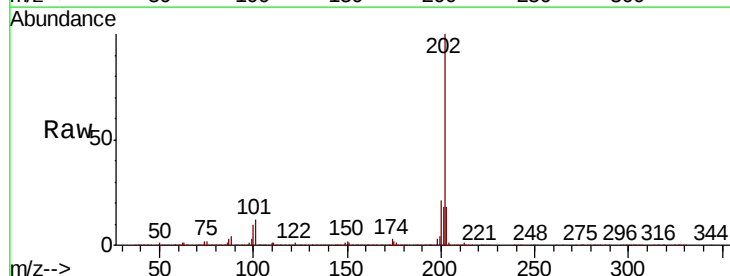
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 28.621 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BN005328.D
 Acq: 26 Apr 2019 22:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.3	15.5
100	9.9	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): E

