

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005370.D
 Acq On : 30 Apr 2019 14:26
 Operator : JU/SJ
 Sample : K2470-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 01 00:43:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	325121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1404157	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	923978	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2258901	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2319991	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	2610526	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	46054	6.84	ng/uL	0.00
5) Phenol-d5	6.78	99	829662	32.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	472999	29.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	661193	33.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	683146	34.22	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	344379	39.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	406555	46.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	704218	35.06	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.49	131	943725	45.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2542668	37.91	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2967346	36.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	455398	43.00	ng/ul	0.00
57) Fluorene-d10	15.23	176	2103131	37.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	449957	44.29	ng/ul	0.00
70) Anthracene-d10	17.08	188	3425537	36.17	ng/ul	0.00
78) Pyrene-d10	19.39	212	3995263	33.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	4082623	35.79	ng/ul	-0.02

Target Compounds

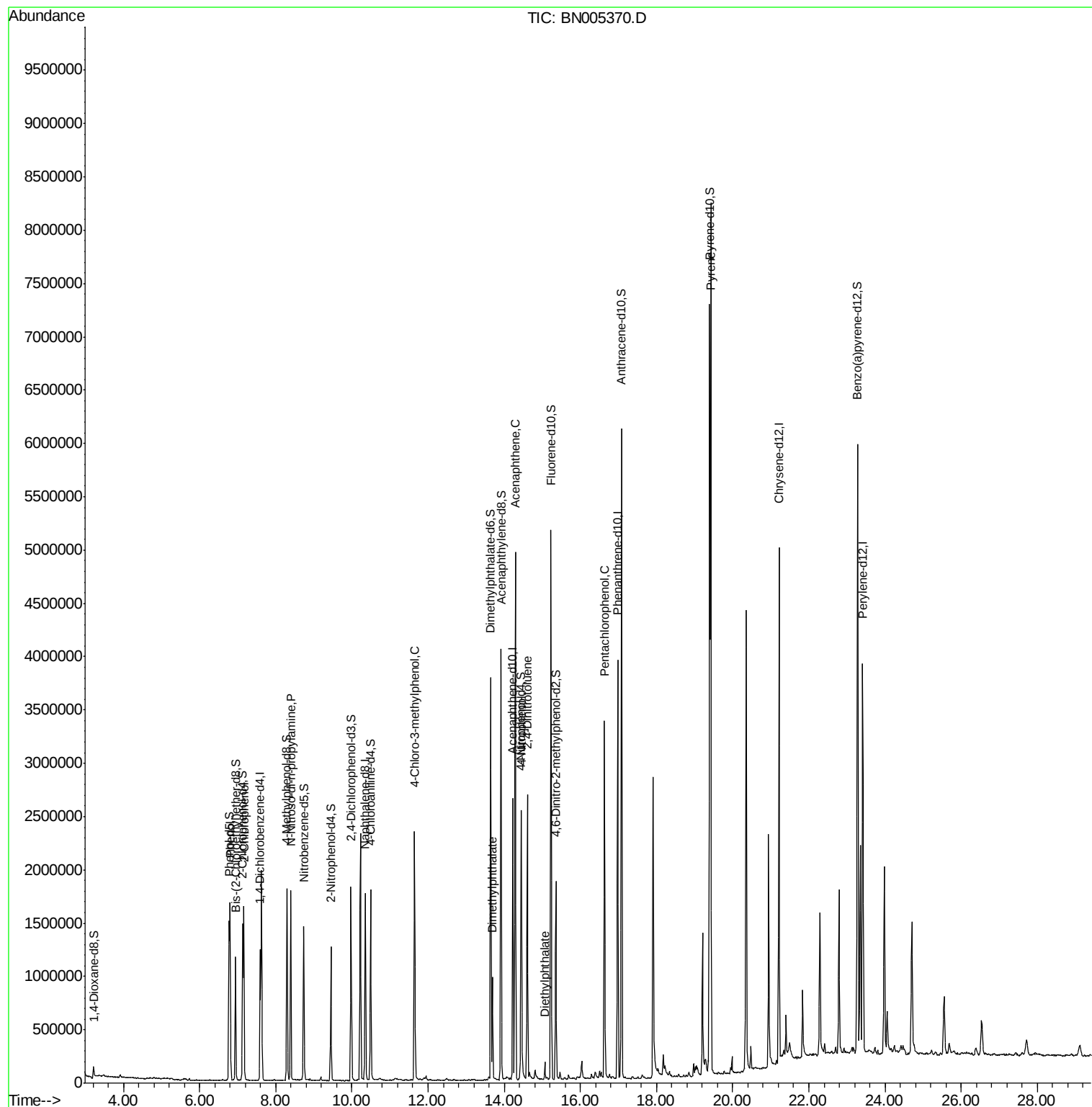
					Ovalue
6) Phenol	6.80	94	876423	33.368	ng/ul 96
10) 2-Chlorophenol	7.16	128	691053	34.206	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.39	70	618182	36.176	ng/ul 87
33) 4-Chloro-3-methylphenol	11.65	107	870628	39.010	ng/ul 94
44) Dimethylphthalate	13.69	163	611856	9.155	ng/ul 99
49) Acenaphthene	14.29	153	1992904	36.058	ng/ul 99
52) 4-Nitrophenol	14.46	109	364750	37.943	ng/ul 92
54) 2,4-Dinitrotoluene	14.60	165	775686	46.627	ng/ul 88
56) Diethylphthalate	15.07	149	81370	1.214	ng/ul 94
68) Pentachlorophenol	16.63	266	608104	42.858	ng/ul 99
79) Pyrene	19.43	202	4977905	33.324	ng/ul 95

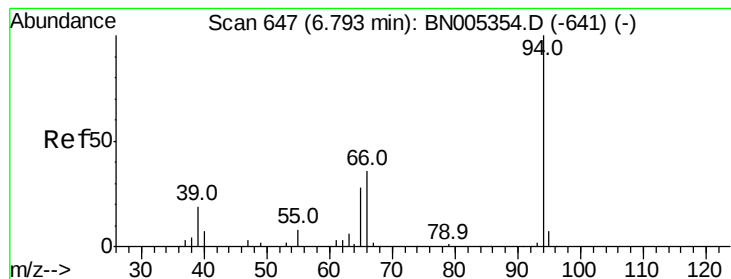
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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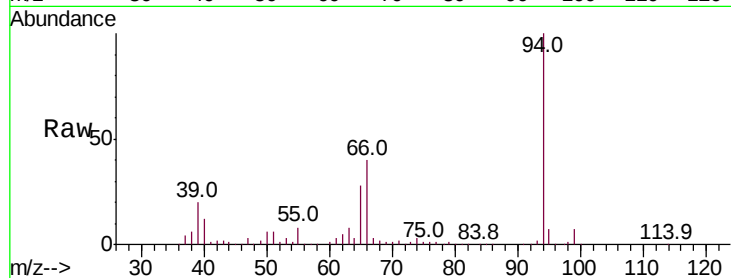
#6

Phenol

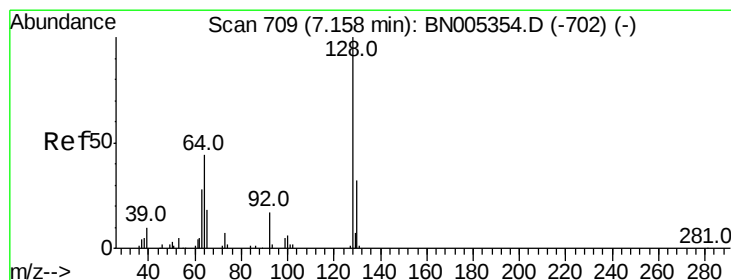
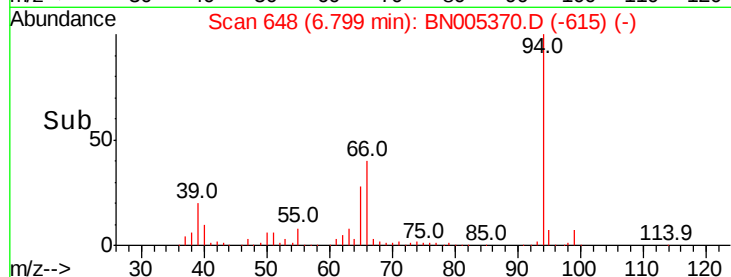
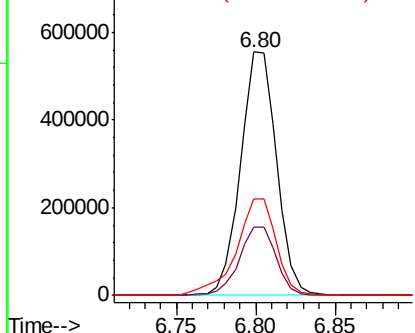
Concen: 33.368 ng/ul
 RT: 6.80 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BN005370.D
 Acq: 30 Apr 2019 14:26

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 94 Resp: 876423
 Ion Ratio Lower Upper
 94 100
 65 27.8 24.2 36.4
 66 39.9 33.8 50.6



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

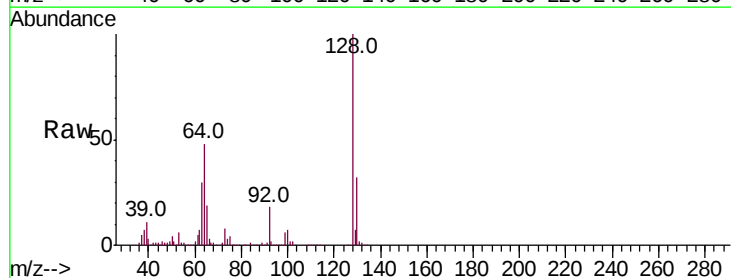


#10

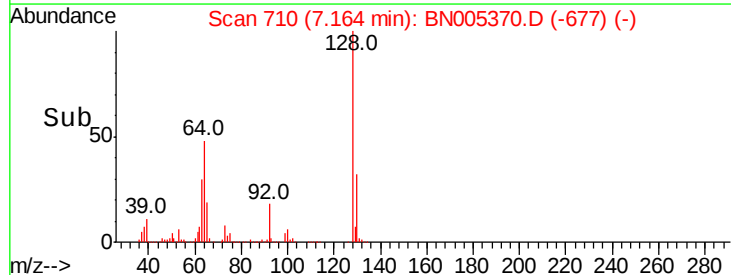
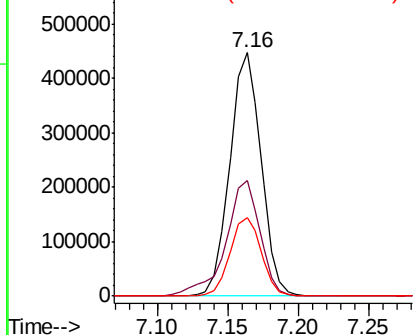
2-Chlorophenol

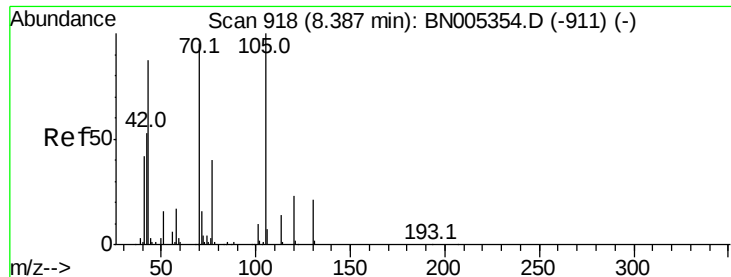
Concen: 34.206 ng/ul
 RT: 7.16 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BN005370.D
 Acq: 30 Apr 2019 14:26

Tgt Ion:128 Resp: 691053
 Ion Ratio Lower Upper
 128 100
 64 47.6 42.3 63.5
 130 32.2 26.5 39.7



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: 36.176 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.01 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 618182

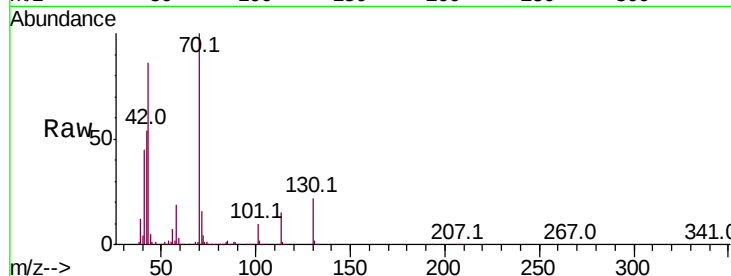
Ion	Ratio	Lower	Upper
70	100		
42	54.4	53.8	80.8
101	10.2	7.7	11.5
130	21.9	15.0	22.4

70 100

42 54.4 53.8 80.8

101 10.2 7.7 11.5

130 21.9 15.0 22.4

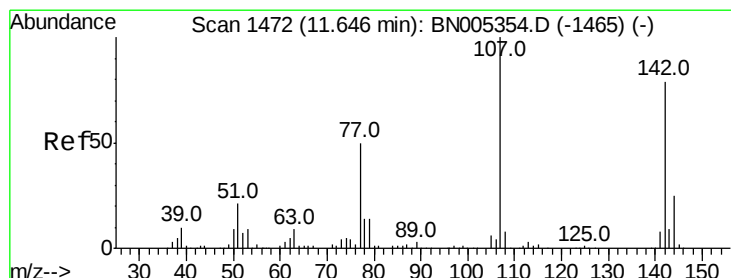
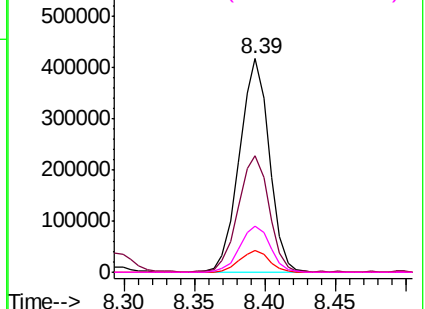
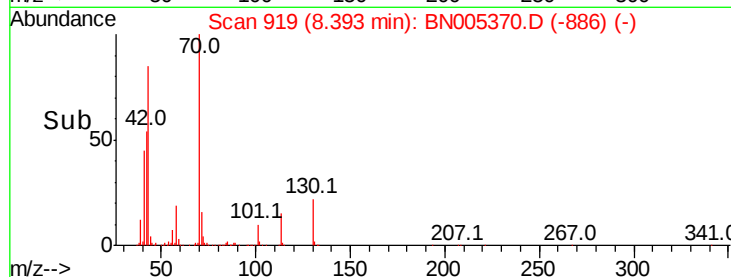


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 39.010 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

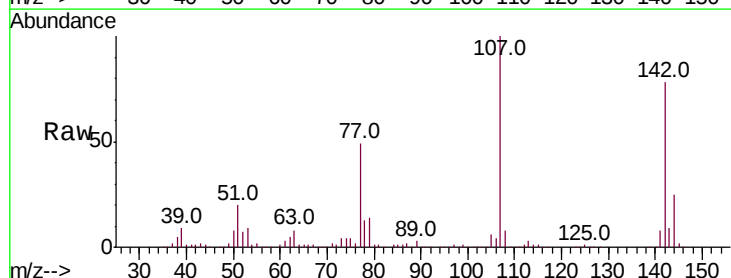
Tgt Ion:107 Resp: 870628

Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.4	29.0
142	78.4	57.7	86.5

107 100

144 25.4 19.4 29.0

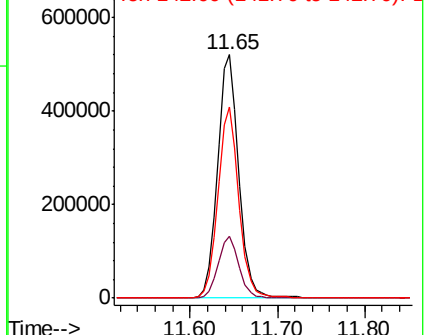
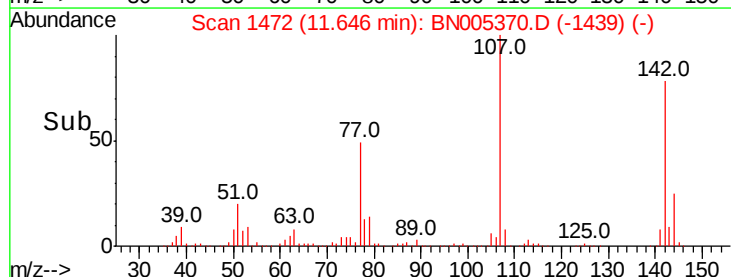
142 78.4 57.7 86.5

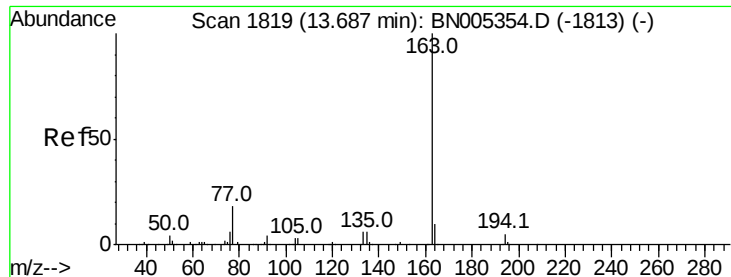


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 9.155 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

Instrument :

BNA_N

ClientSampleId :

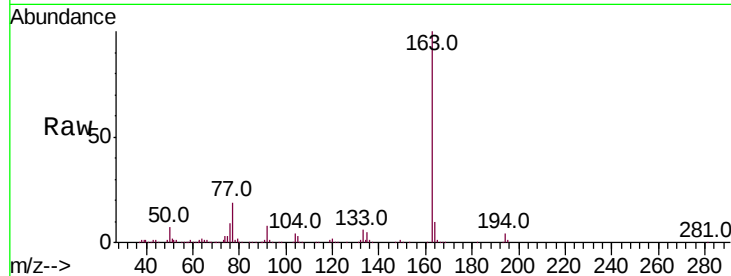
Tot Ion:163 Resp: 611856

Ion Ratio Lower Upper

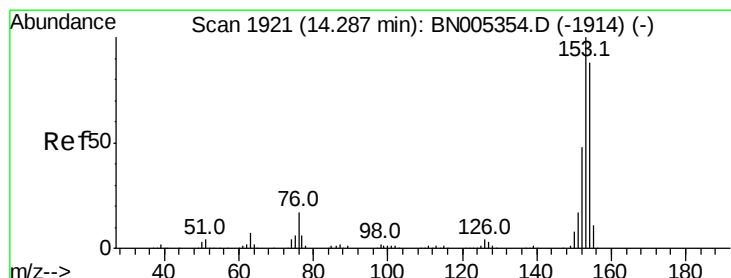
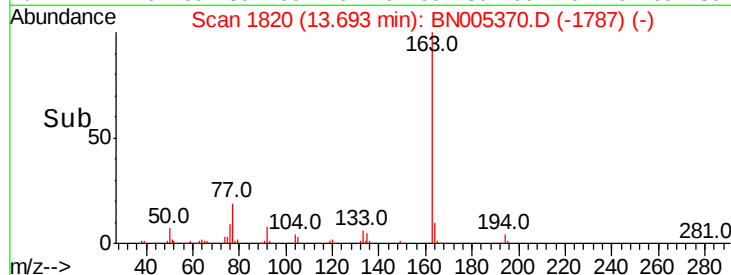
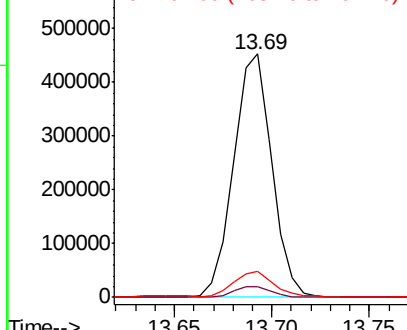
163 100

194 4.3 3.4 5.0

164 10.4 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: 36.058 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

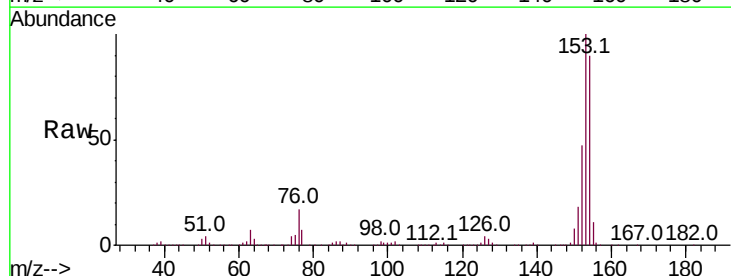
Tgt Ion:153 Resp: 1992904

Ion Ratio Lower Upper

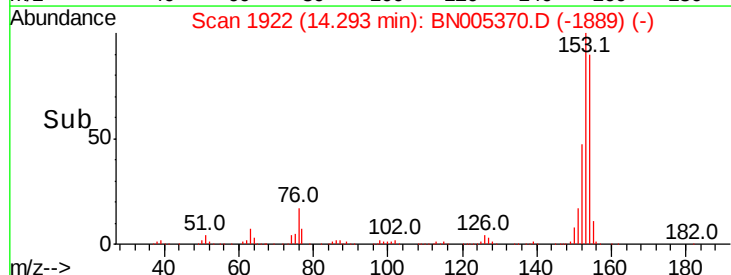
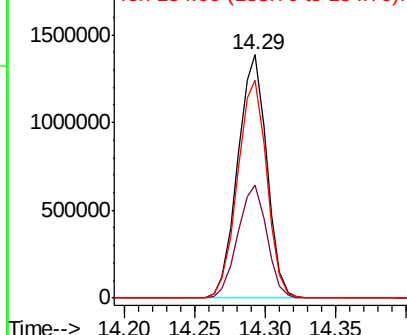
153 100

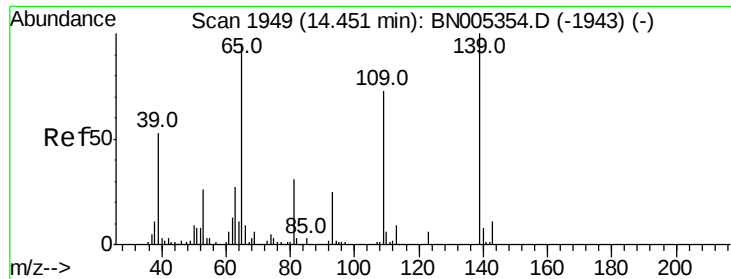
152 46.6 37.4 56.0

154 89.7 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: 37.943 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

Instrument :

BNA_N

ClientSampleId :

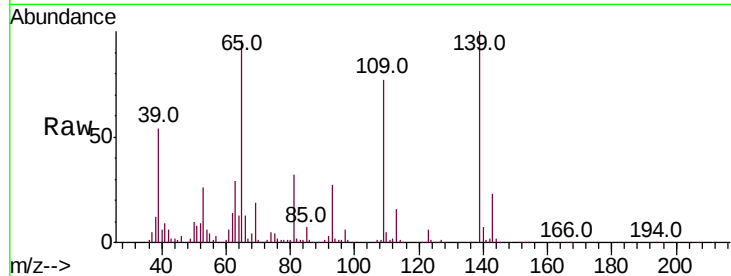
Tot Ion:109 Resp: 364750

Ion Ratio Lower Upper

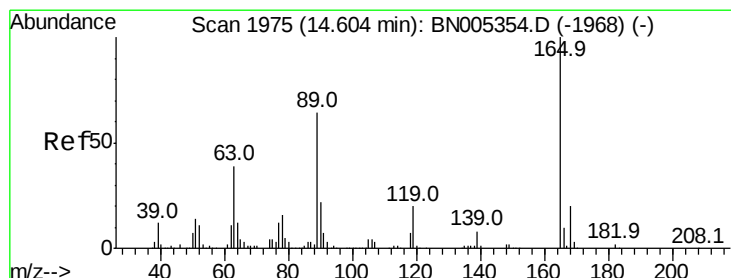
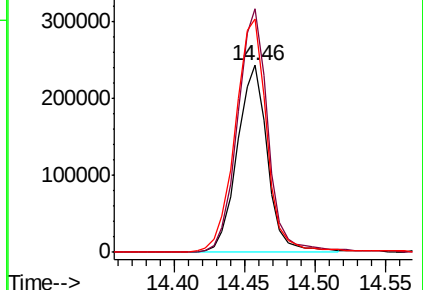
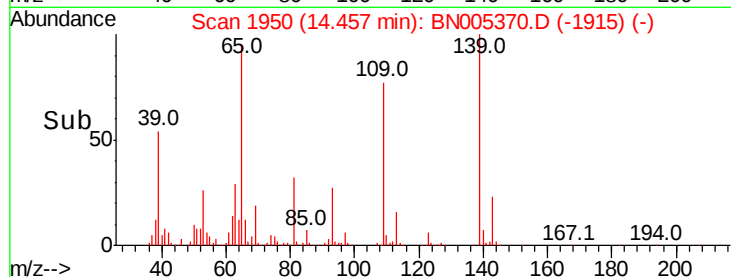
109 100

139 130.4 92.3 138.5

65 124.7 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: 46.627 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

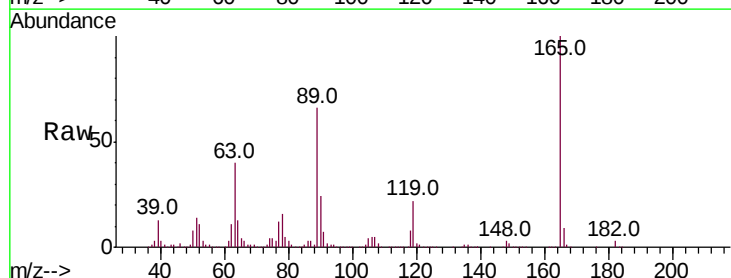
Tgt Ion:165 Resp: 775686

Ion Ratio Lower Upper

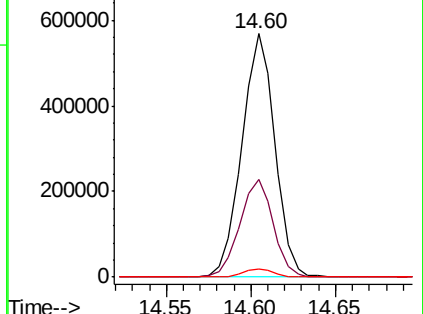
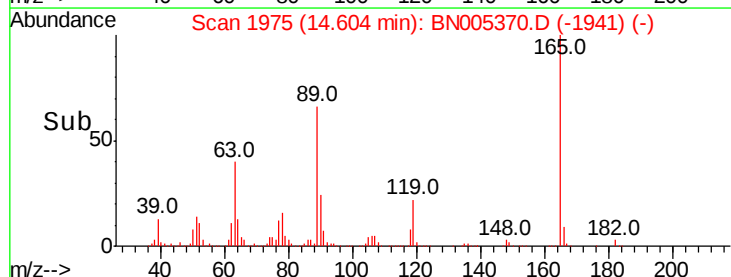
165 100

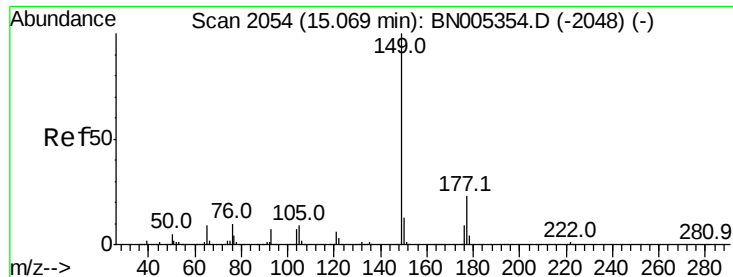
63 40.0 38.9 58.3

182 3.3 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: 1.214 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

Instrument :

BNA_N

ClientSampleId :

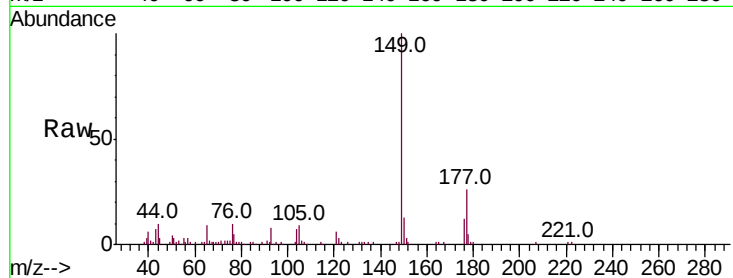
Tot Ion:149 Resp: 81370

Ion Ratio Lower Upper

149 100

177 26.2 17.7 26.5

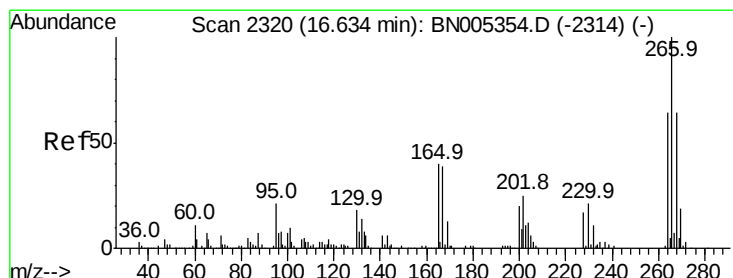
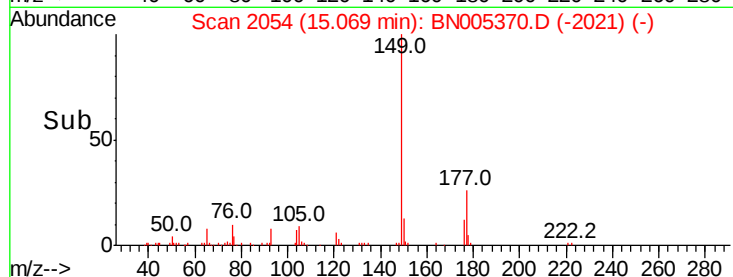
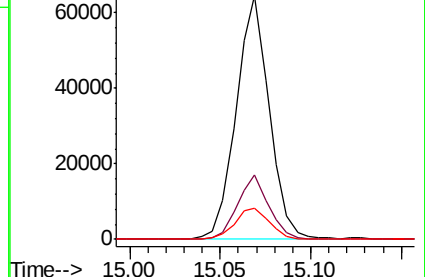
150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#68

Pentachlorophenol

Concen: 42.858 ng/ul

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

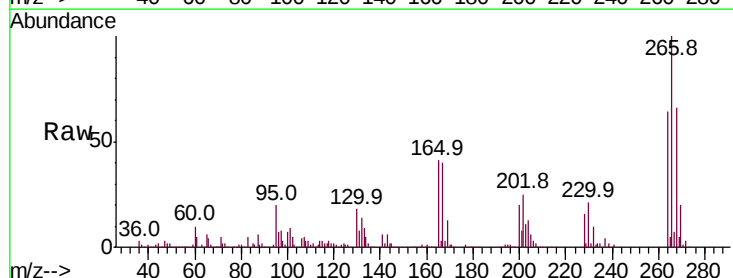
Tgt Ion:266 Resp: 608104

Ion Ratio Lower Upper

266 100

264 64.0 49.7 74.5

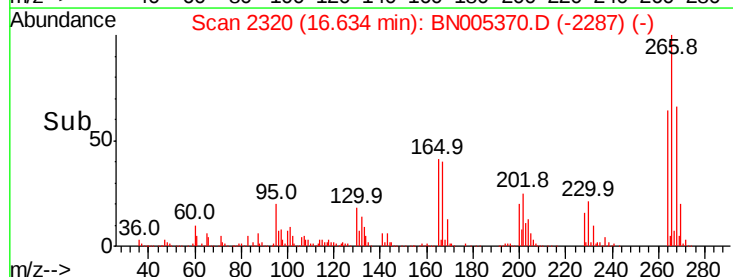
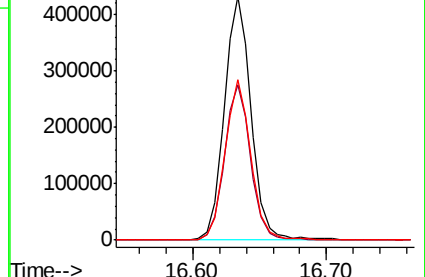
268 65.7 52.4 78.6

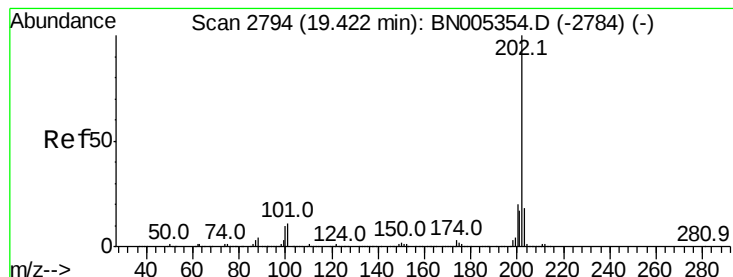


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 33.324 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN005370.D

Acq: 30 Apr 2019 14:26

Instrument :

BNA_N

ClientSampleId :

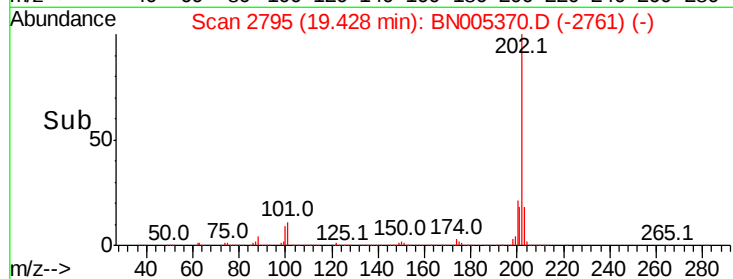
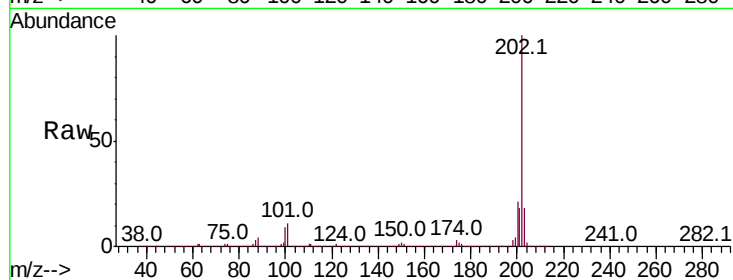
Tot Ion:202 Resp: 4977905

Ion Ratio Lower Upper

202 100

101 10.6 10.3 15.5

100 8.6 7.9 11.9



Abundance Ion 202.00 (201.70 to 202.70): E

5000000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

