

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 :
 A5135MSD

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

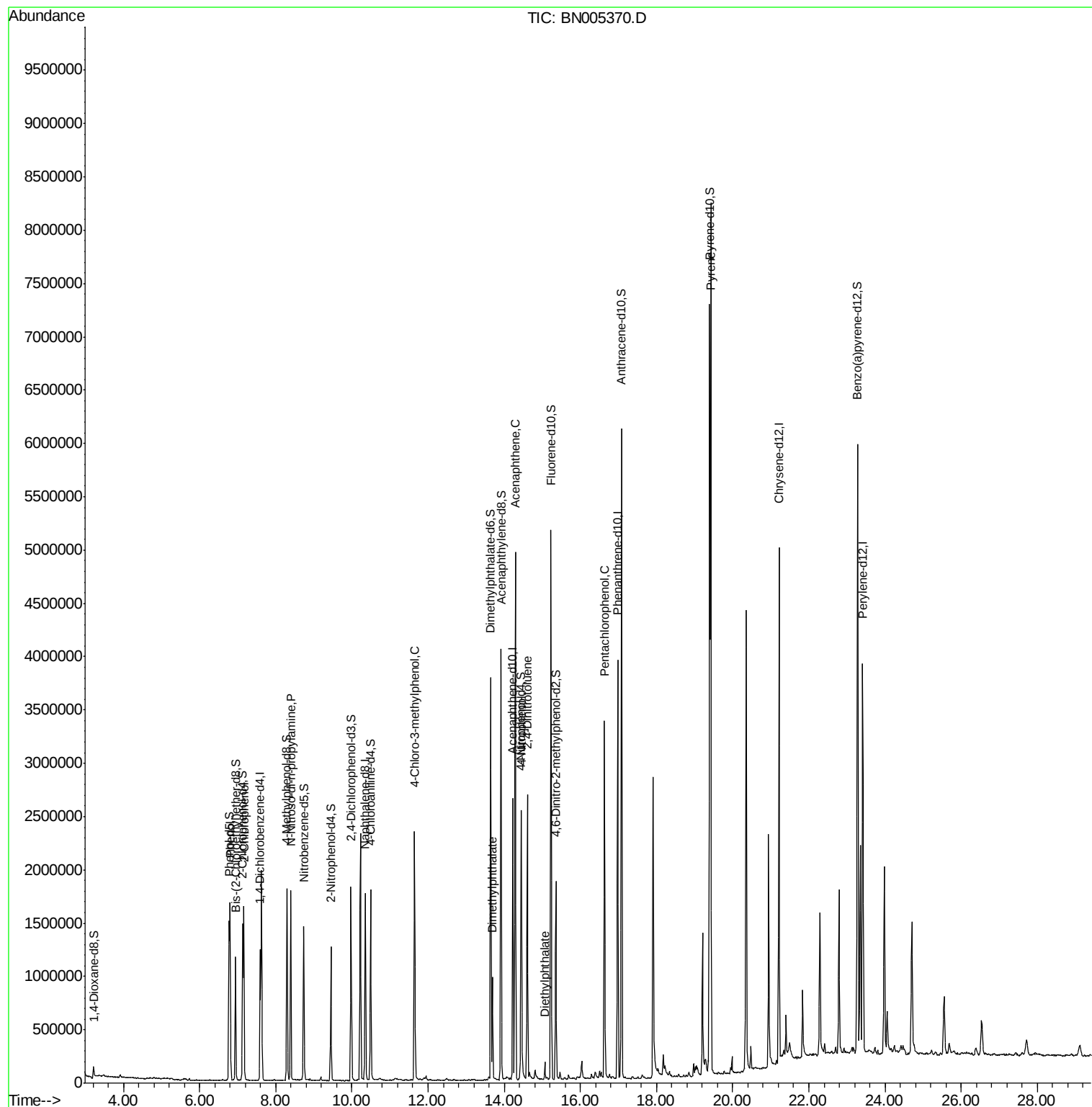
					Ovalue
6) Phenol	6.80	94	876423	33.368	ng/ul 96
10) 2-Chlorophenol	7.16	128	691053	34.206	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.39	70	618182	36.176	ng/ul 87
33) 4-Chloro-3-methylphenol	11.65	107	870628	39.010	ng/ul 94
44) Dimethylphthalate	13.69	163	611856	9.155	ng/ul 99
49) Acenaphthene	14.29	153	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

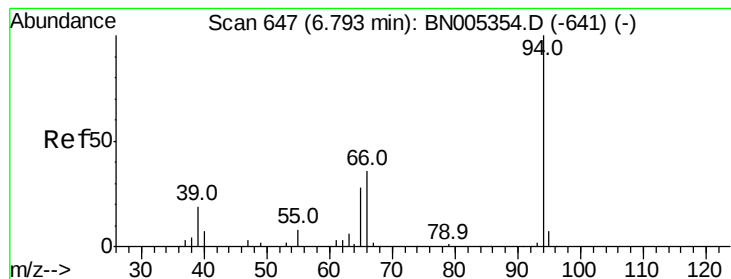
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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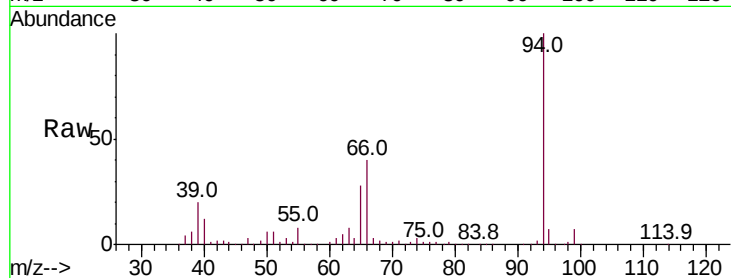
#6

Phenol

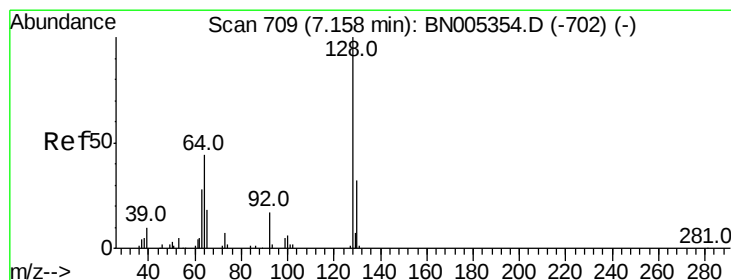
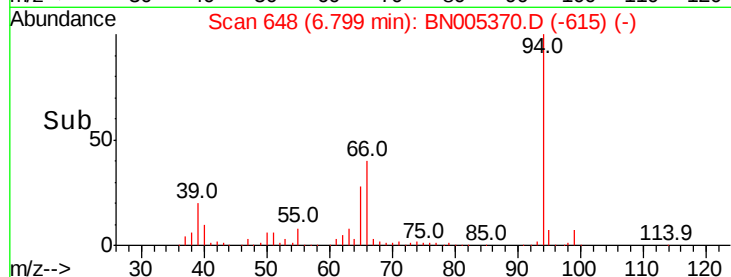
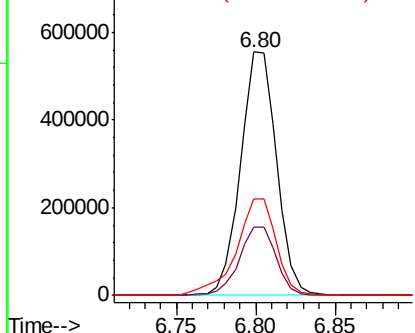
Concen: 33.368 ng/ul
 RT: 6.80 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BN005370.D
 Acq: 30 Apr 2019 14:26

Instrument :
 BNA_N
 ClientSampleId :
 A5135MSD

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

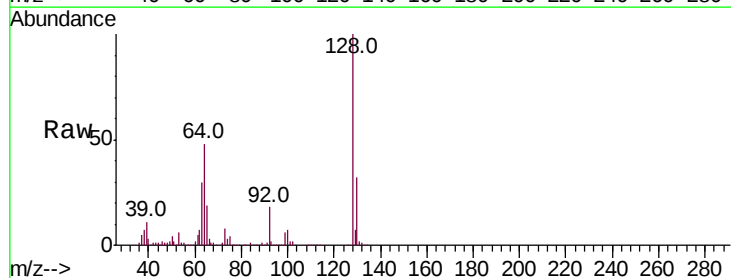


#10

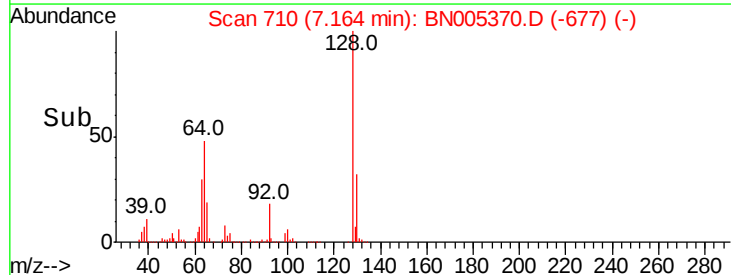
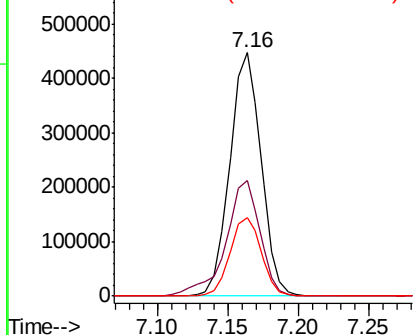
2-Chlorophenol

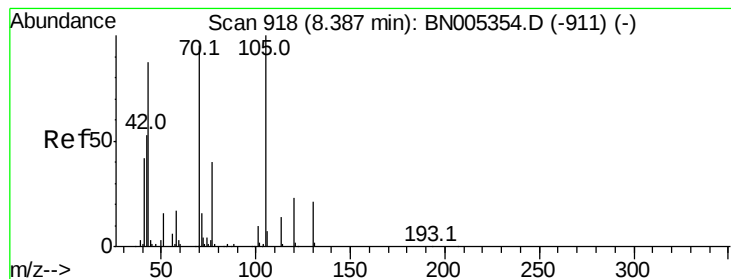
Concen: 34.206 ng/ul
 RT: 7.16 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BN005370.D
 Acq: 30 Apr 2019 14:26

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 :

A5135MSD

Tot Ion: 70 Resp: 618182

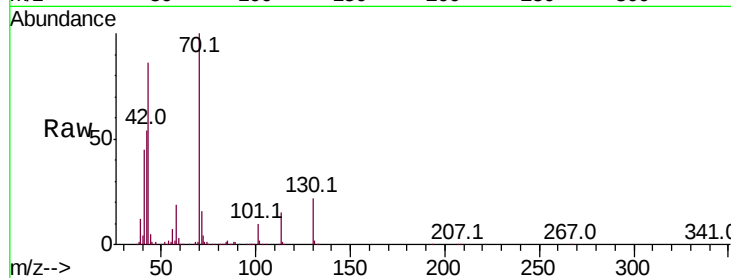
Ion Ratio Lower Upper

70 100

42 54.4 53.8 80.8

101 10.2 7.7 11.5

130 21.9 15.0 22.4

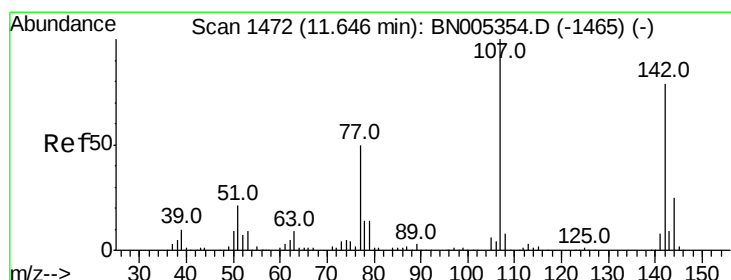
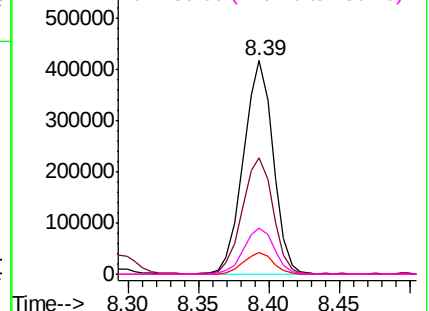
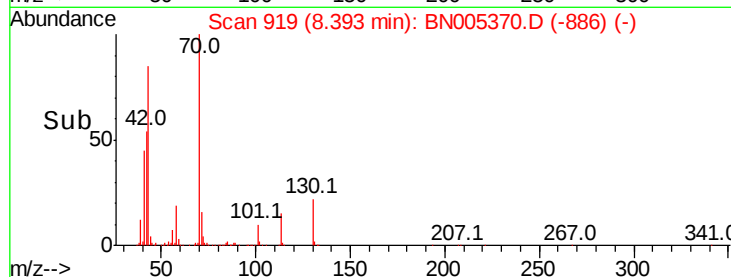


Abundance Ion 70.00 (69.70 to 70.70): BN005370.D (-886) (-)

Ion 42.00 (41.70 to 42.70): BN005370.D (-886) (-)

Ion 101.00 (100.70 to 101.70): BN005370.D (-886) (-)

Ion 130.00 (129.70 to 130.70): BN005370.D (-886) (-)



#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

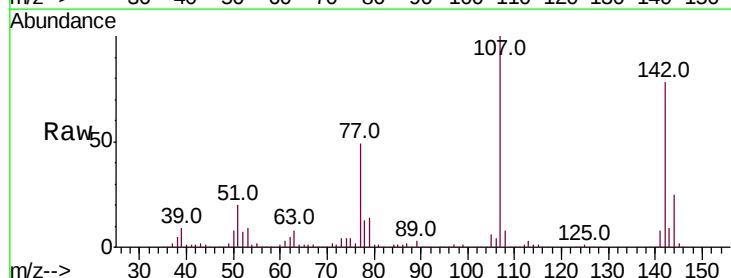
Tgt Ion:107 Resp: 870628

Ion Ratio Lower Upper

107 100

144 25.4 19.4 29.0

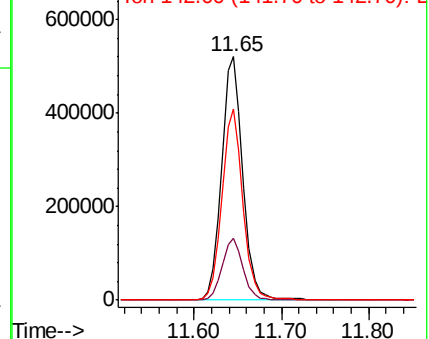
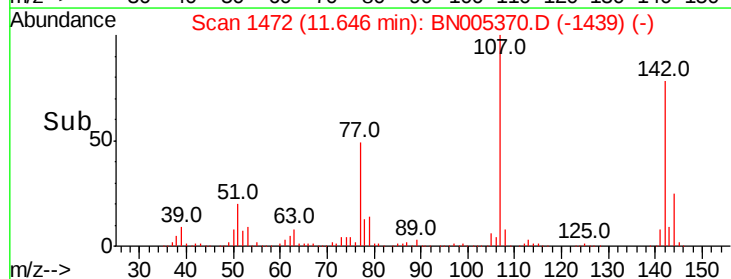
142 78.4 57.7 86.5

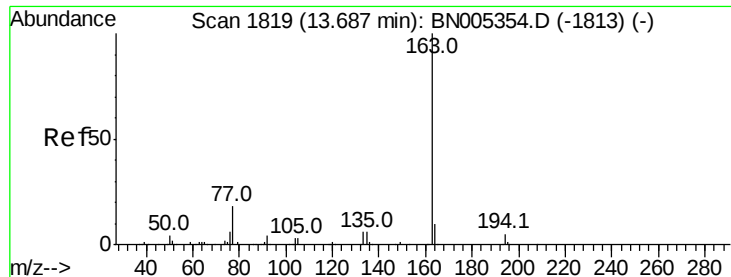


Abundance Ion 107.00 (106.70 to 107.70): BN005370.D (-1439) (-)

Ion 144.00 (143.70 to 144.70): BN005370.D (-1439) (-)

Ion 142.00 (141.70 to 142.70): BN005370.D (-1439) (-)

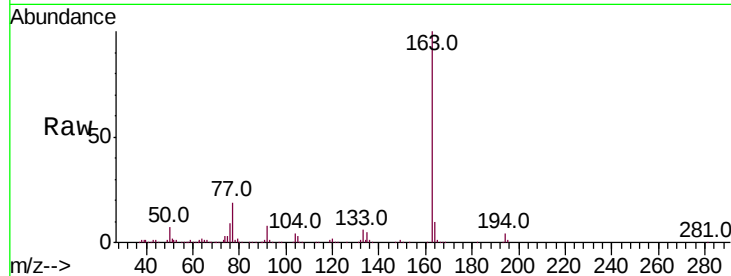




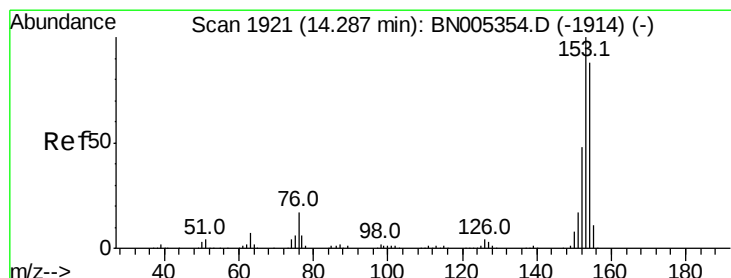
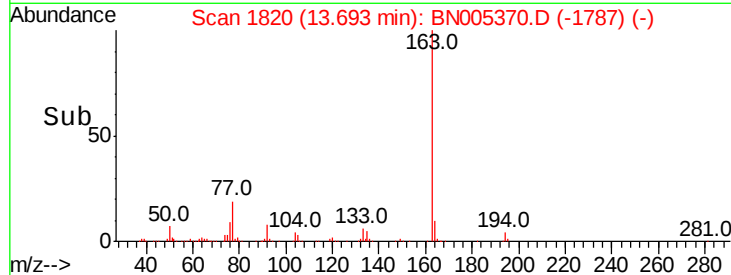
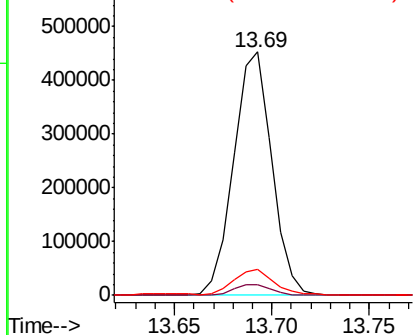
#44
Dimethylphthalate
Concen: 9.155 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

Instrument :
BNA_N
ClientSampleId :
A5135MSD

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

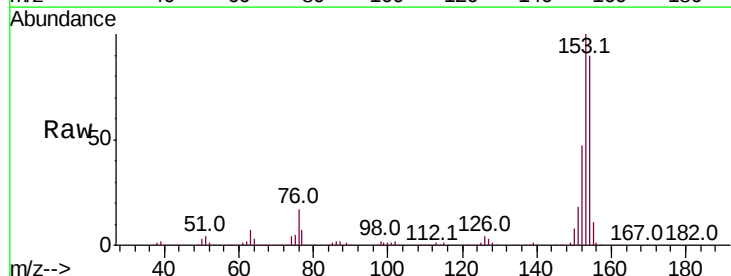


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

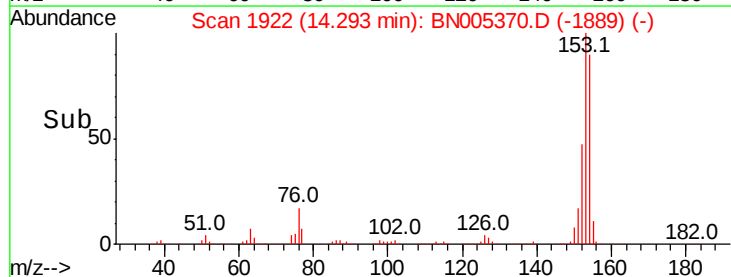
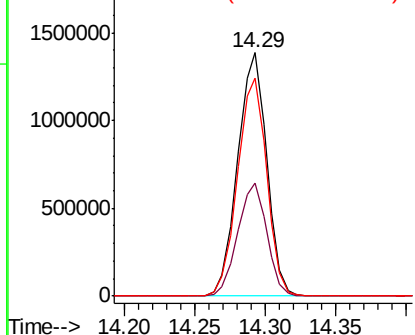


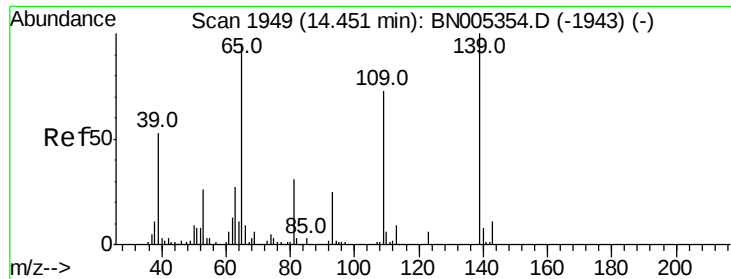
#49
Acenaphthene
Concen: 36.058 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

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

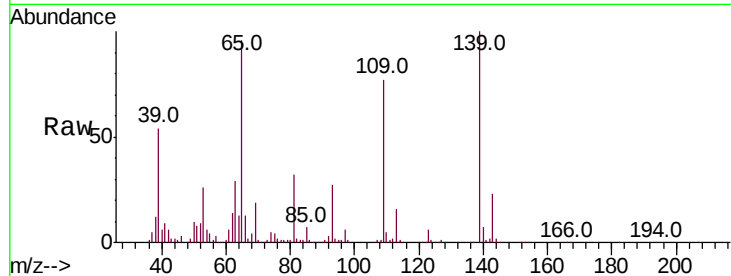




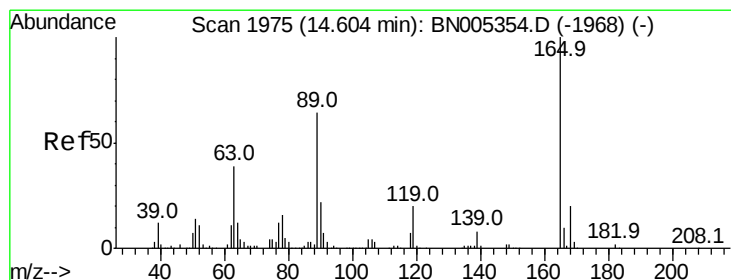
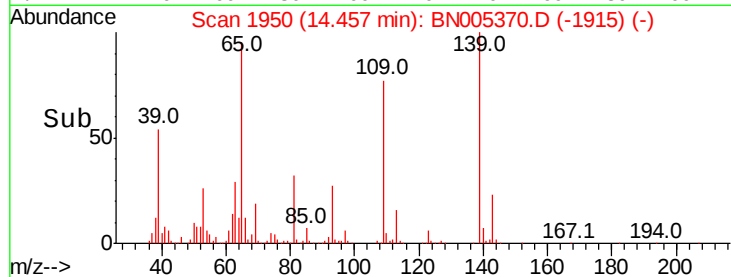
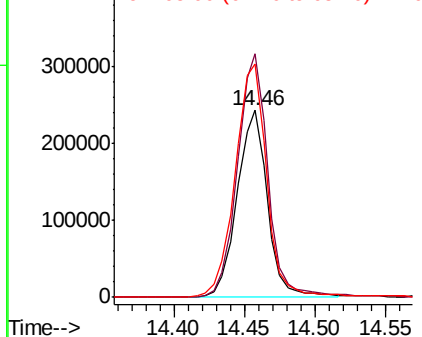
#52
4-Nitrophenol
Concen: 37.943 ng/ul
RT: 14.46 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

Instrument :
BNA_N
ClientSampleId :
A5135MSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	130.4	92.3	138.5
65	124.7	97.5	146.3

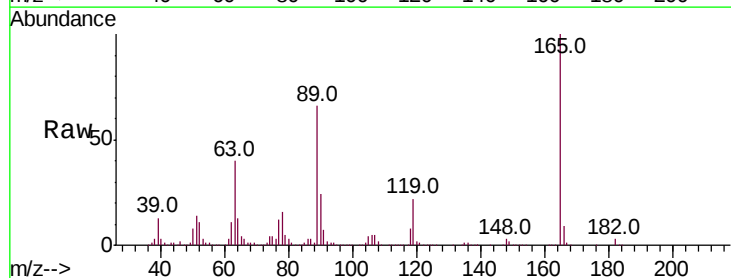


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

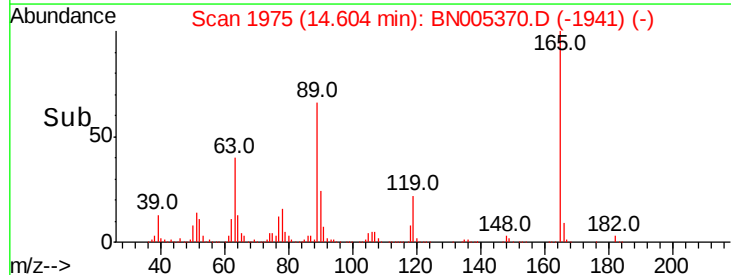
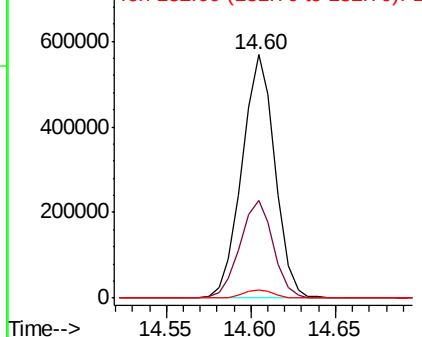


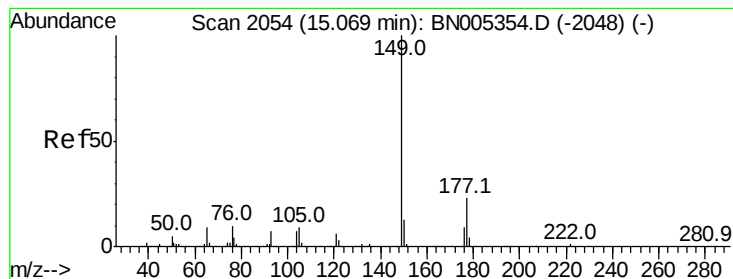
#54
2,4-Dinitrotoluene
Concen: 46.627 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

Tgt Ion	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): BNO
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 :

A5135MSD

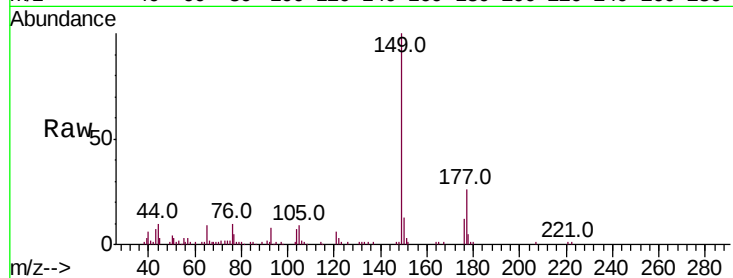
Tot Ion:149 Resp: 81370

Ion Ratio Lower Upper

149 100

177 26.2 17.7 26.5

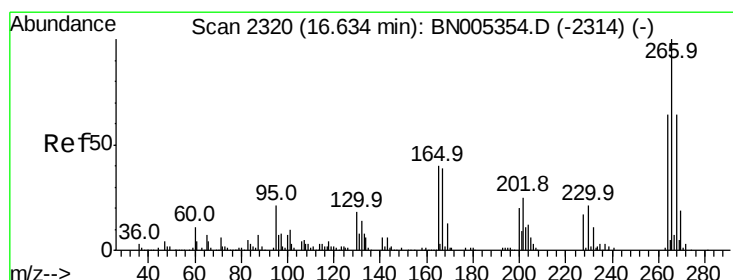
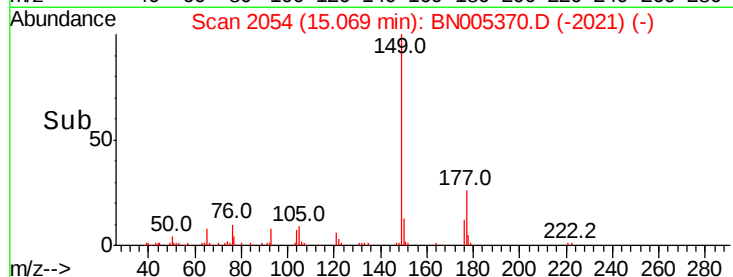
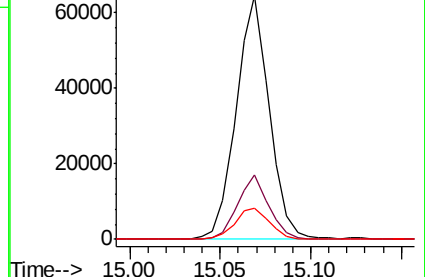
150 12.8 10.0 15.0



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

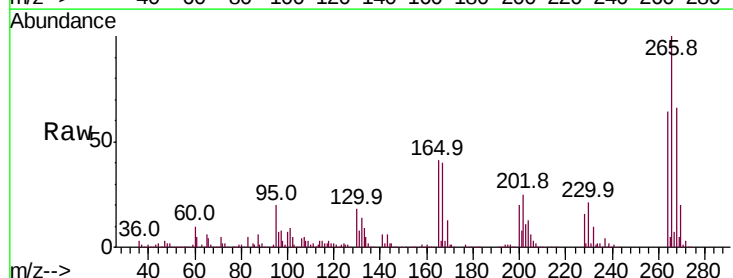
Tgt Ion:266 Resp: 608104

Ion Ratio Lower Upper

266 100

264 64.0 49.7 74.5

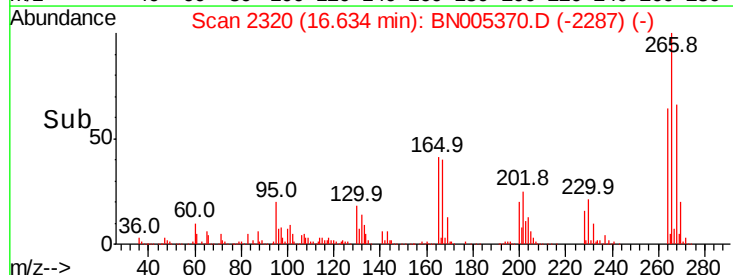
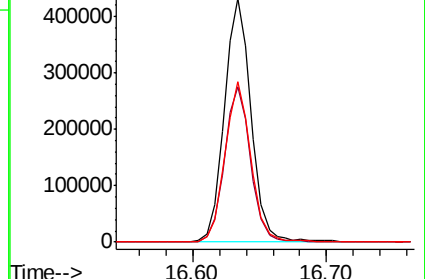
268 65.7 52.4 78.6

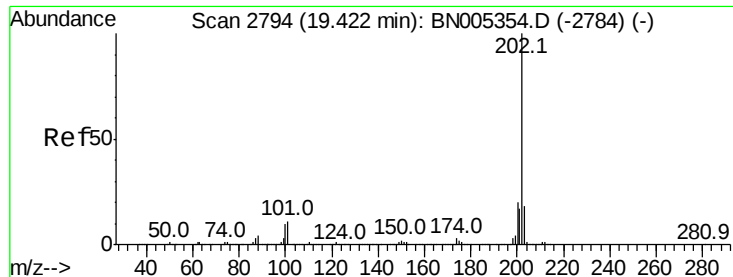


Abundance Ion 265.70 (265.40 to 266.40): E

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 :

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ClientSampleId :

A5135MSD

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

