

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

Instrument :
 BNA_N
 ClientSampleId :
 A5135MSD

Quant Time: May 01 08:07:40 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

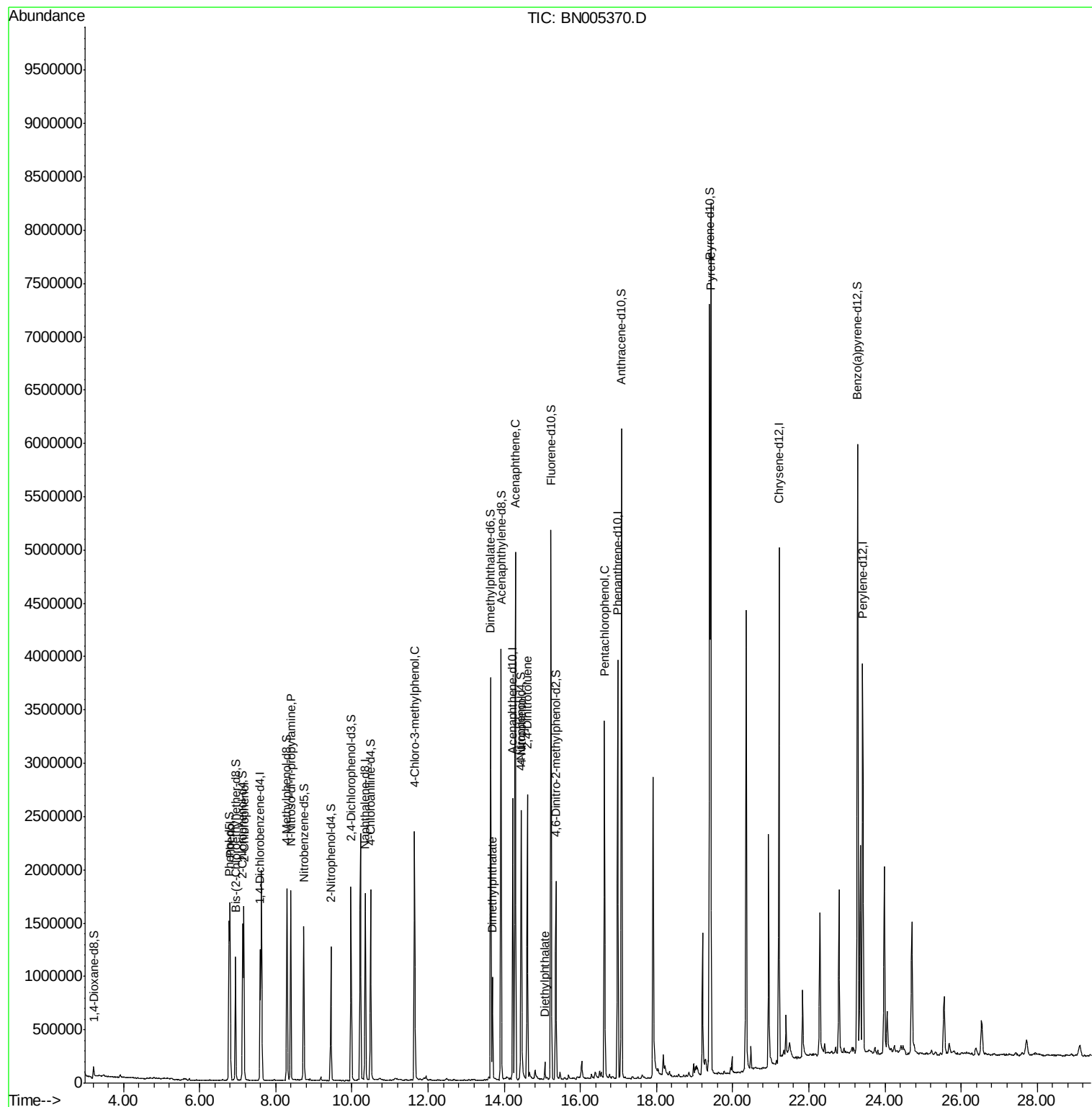
					Ovalue
6) Phenol	6.80	94	876423	33.368	ng/ul 96
10) 2-Chlorophenol	7.16	128	691053	34.206	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.39	70	618182	36.176	ng/ul 87
33) 4-Chloro-3-methylphenol	11.65	107	870628	39.010	ng/ul 94
44) Dimethylphthalate	13.69	163	611856	9.155	ng/ul 99
49) Acenaphthene	14.29	153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

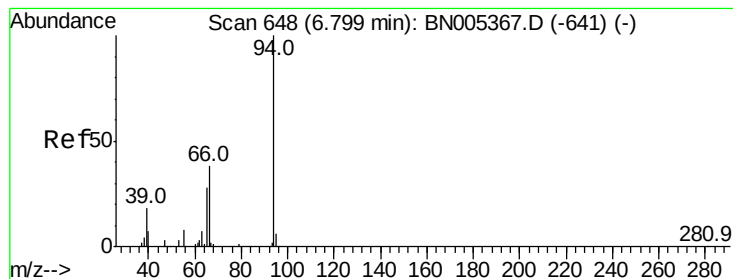
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

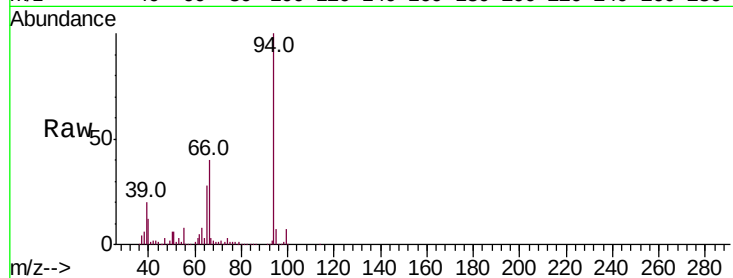
Tot Ion: 94 Resp: 876423

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): BN005370.D (-641) (-)

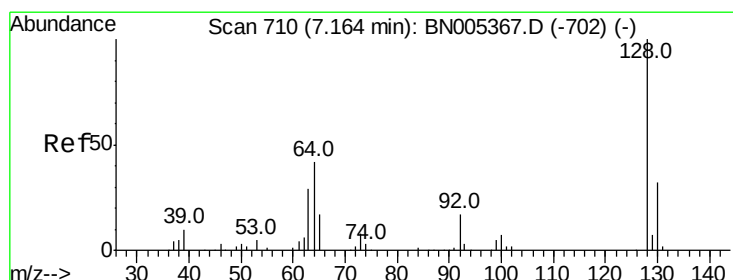
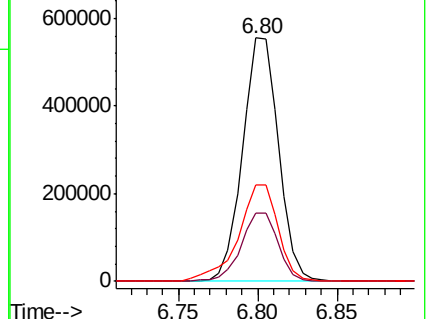
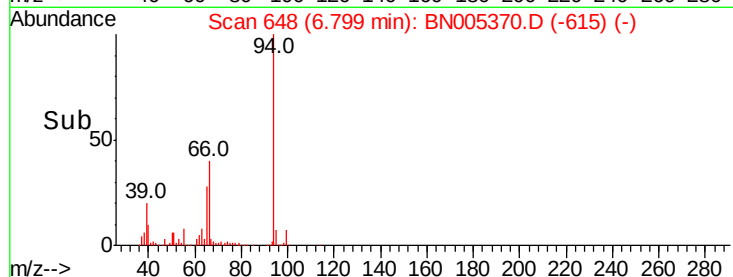
Ion 65.00 (64.70 to 65.70): BN005370.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005370.D (-641) (-)

6.80

6.80

6.85



#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

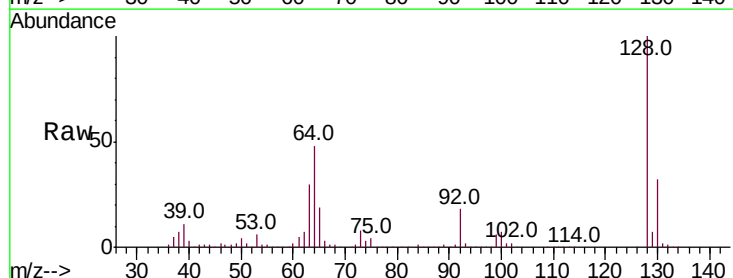
Tgt Ion:128 Resp: 691053

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): BN005370.D (-702) (-)

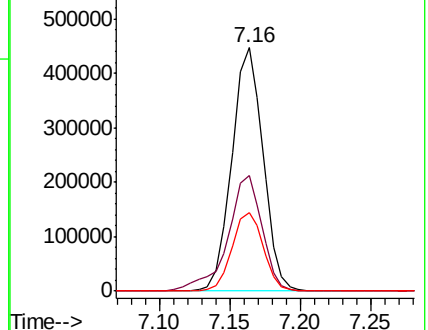
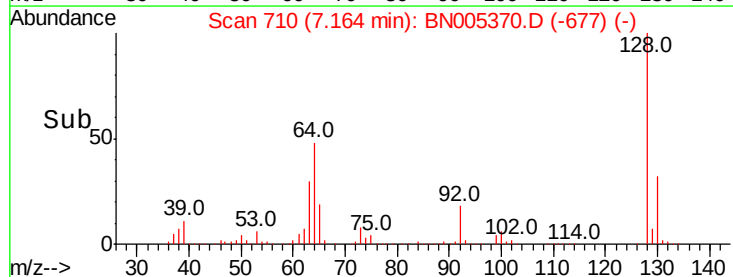
Ion 64.00 (63.70 to 64.70): BN005370.D (-702) (-)

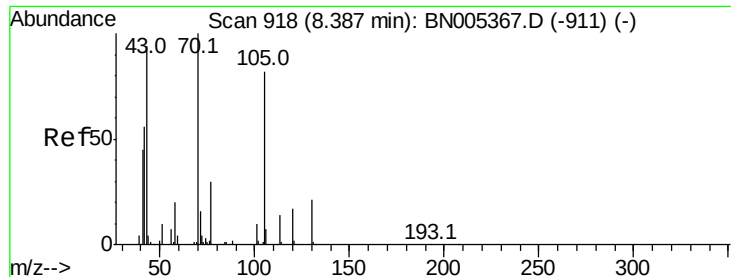
Ion 130.00 (129.70 to 130.70): BN005370.D (-702) (-)

7.16

7.16

7.25

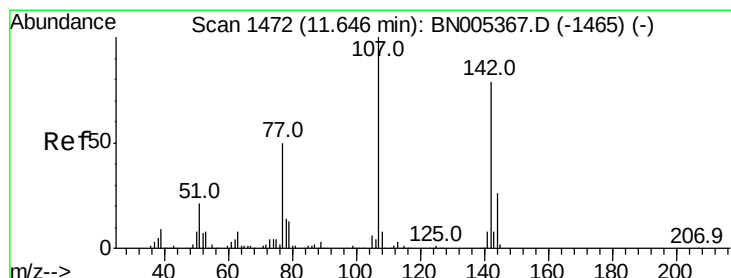
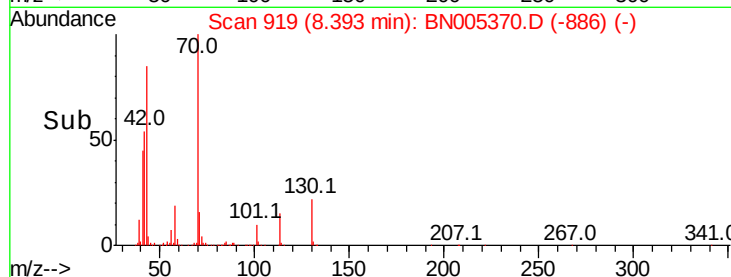
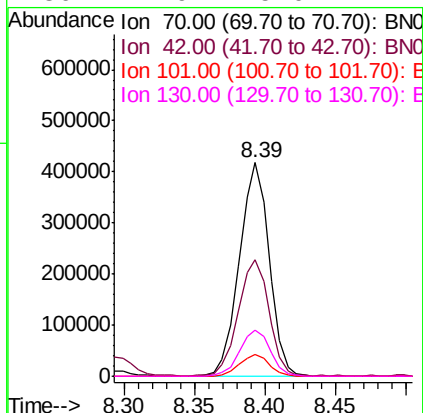
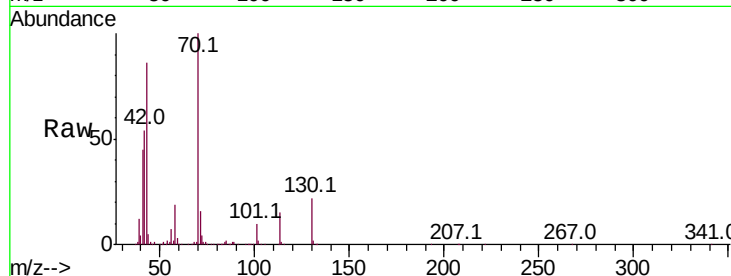




#15
N-Nitroso-di-n-propylamine
Concen: 36.176 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

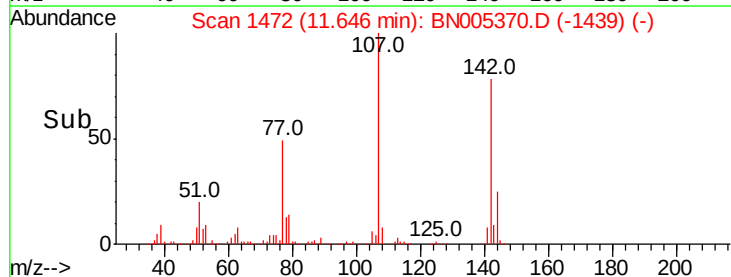
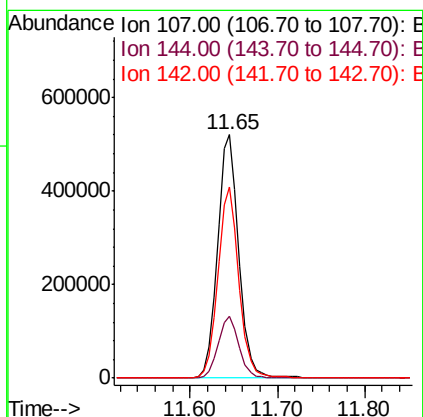
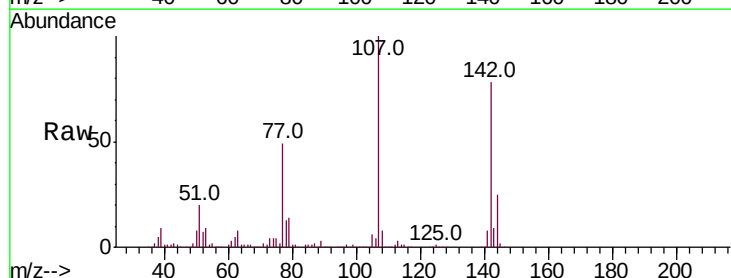
Instrument :
BNA_N
ClientSampleId :
A5135MSD

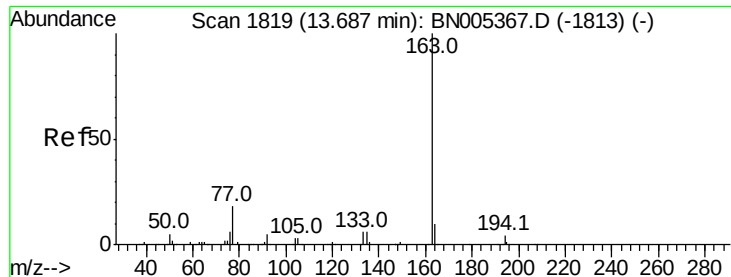
Tot Ion:	70	Resp:	618182
Ion	Ratio	Lower	Upper
70	100		
42	54.4	53.8	80.8
101	10.2	7.7	11.5
130	21.9	15.0	22.4



#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

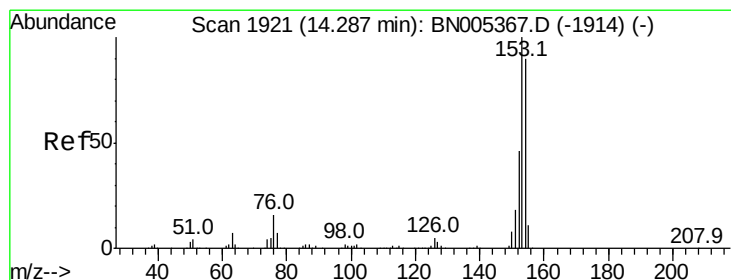
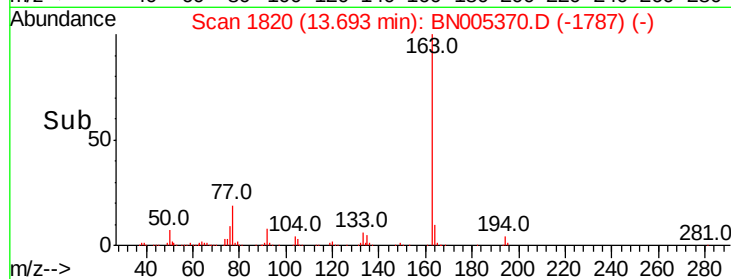
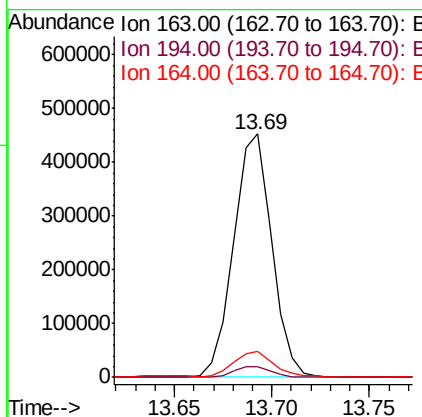
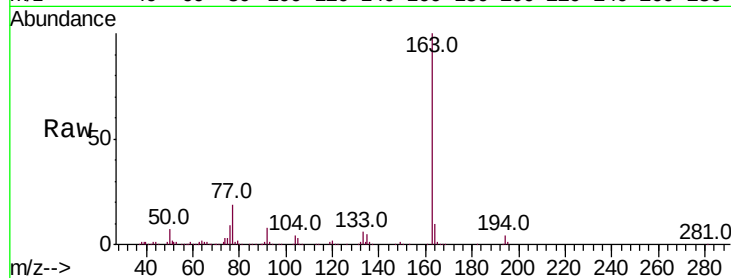




#44
Dimethylphthalate
Concen: 9.155 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

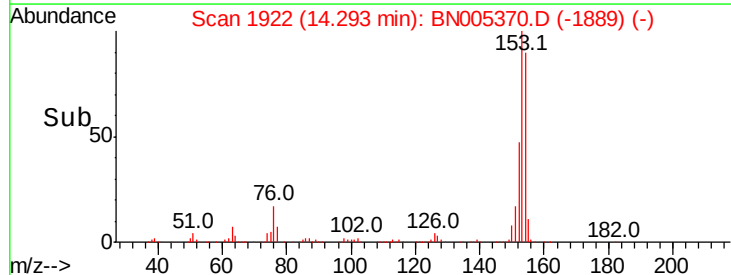
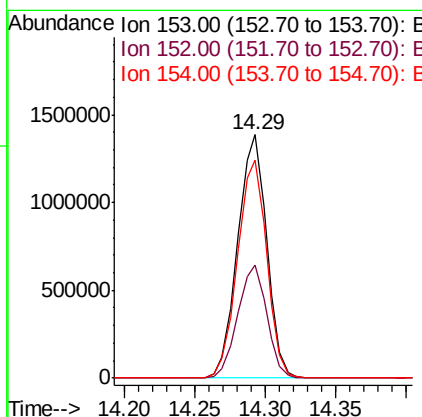
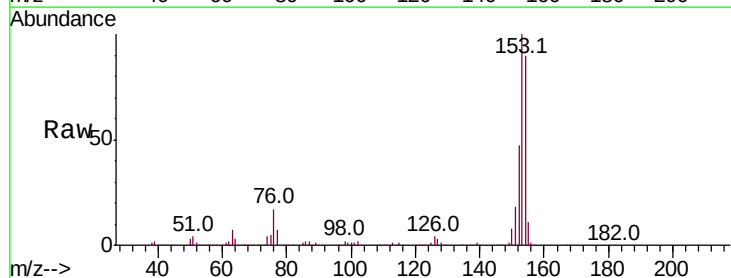
Instrument :
BNA_N
ClientSampleId :
A5135MSD

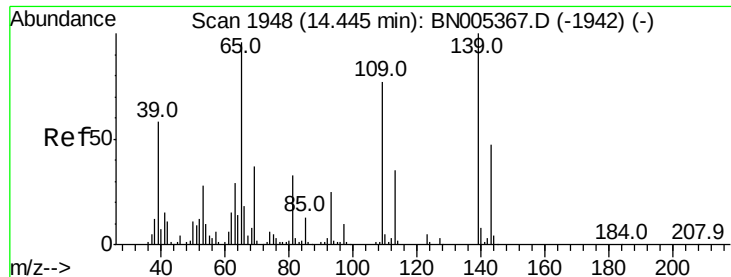
Tot Ion:163 Resp: 611856
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.1 12.1



#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





#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

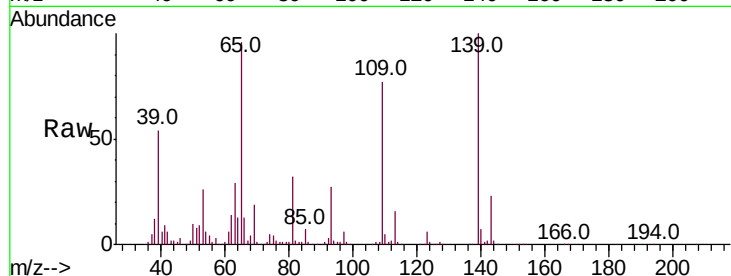
Tot Ion:109 Resp: 364750

Ion Ratio Lower Upper

109 100

139 130.4 92.3 138.5

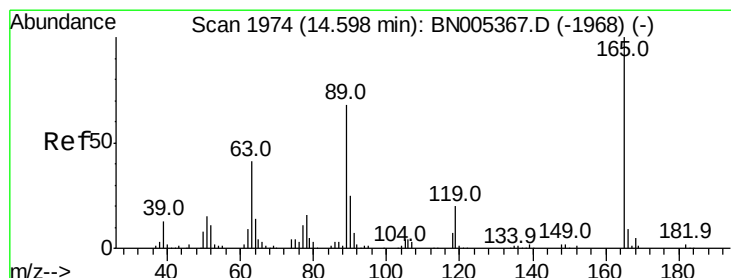
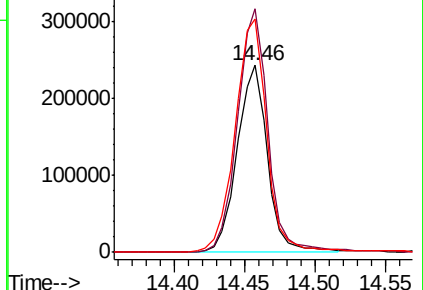
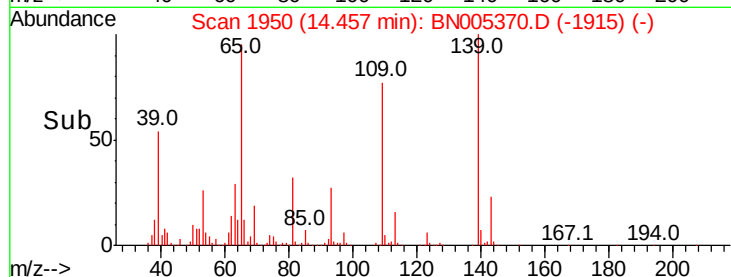
65 124.7 97.5 146.3



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

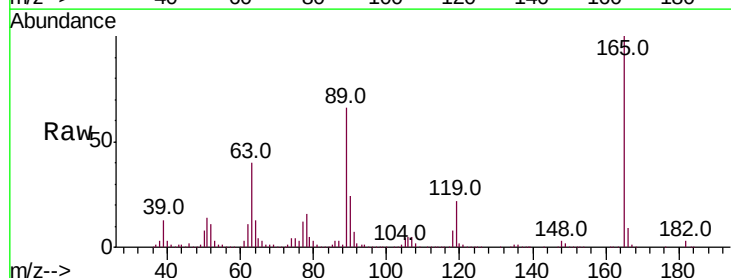
Tgt Ion:165 Resp: 775686

Ion Ratio Lower Upper

165 100

63 40.0 38.9 58.3

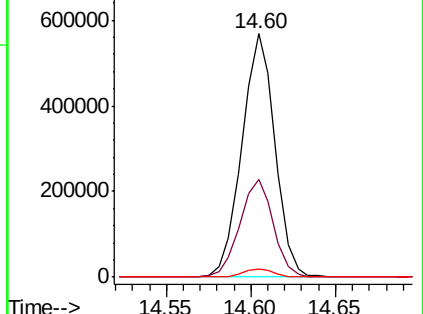
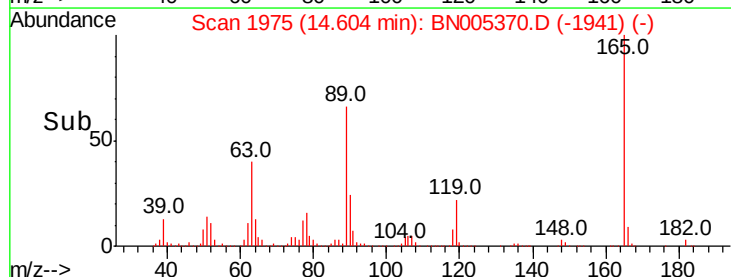
182 3.3 2.6 3.8

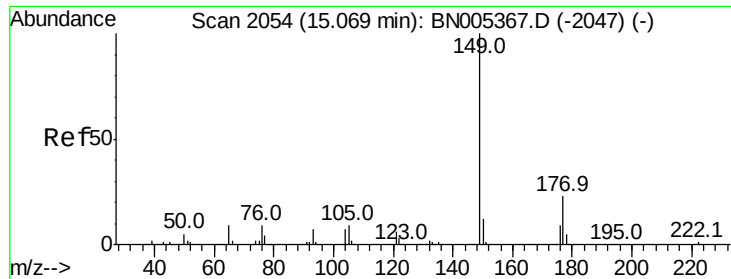


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

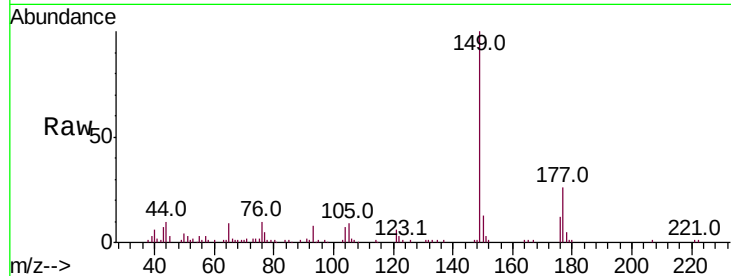




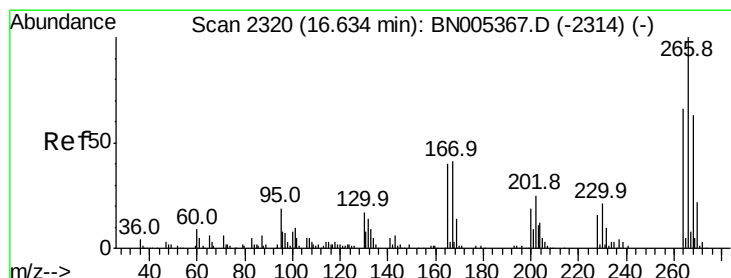
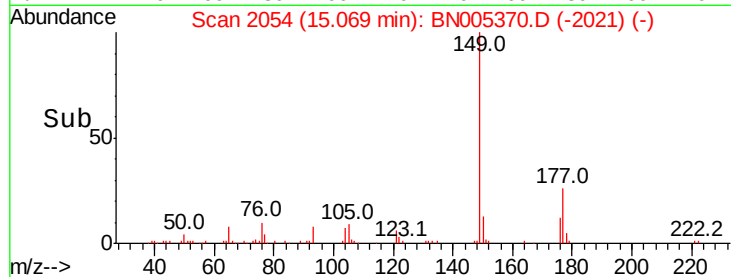
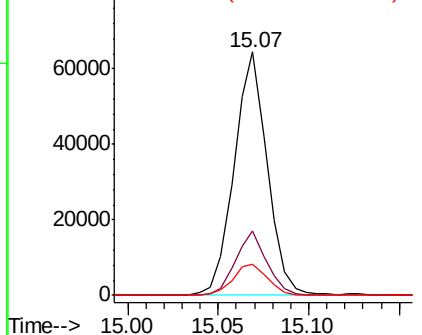
#56
Diethylphthalate
Concen: 1.214 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

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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

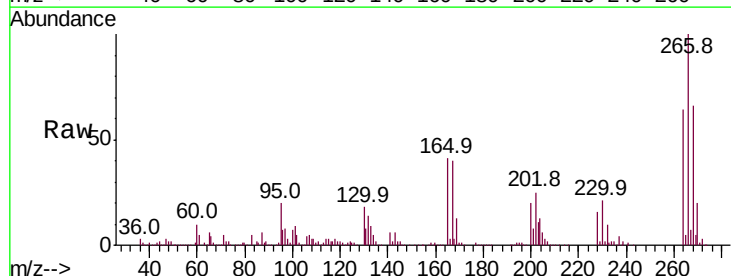


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

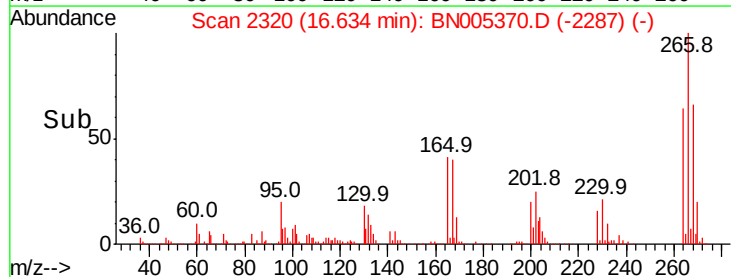
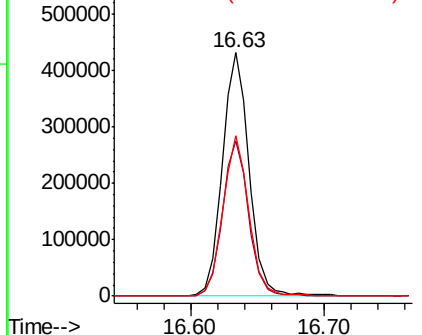


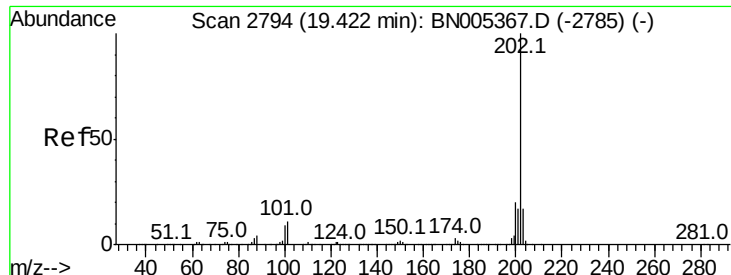
#68
Pentachlorophenol
Concen: 42.858 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN005370.D
Acq: 30 Apr 2019 14:26

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 :
 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

