

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
 Data File : BN005826.D
 Acq On : 21 May 2019 16:01
 Operator : JU/SJ
 Sample : K2692-24MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5186MS

Quant Time: May 21 16:49:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 14:44:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	65794	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	271831	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	174895	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	434820	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	485761	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	598215	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	9227	7.85	ng/uL	-0.01
5) Phenol-d5	6.75	99	158145	31.10	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	87627	33.03	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.09	132	134293	32.84	ng/ul	-0.02
13) 4-Methylphenol-d8	8.27	113	131189	30.17	ng/ul	-0.01
19) Nitrobenzene-d5	8.70	128	67408	34.15	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	76065	33.38	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	141728	32.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	174160	36.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	494283	36.73	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	602194	36.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	66294	34.97	ng/ul	0.00
57) Fluorene-d10	15.20	176	425569	36.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	55249	21.14	ng/ul	0.00
70) Anthracene-d10	17.06	188	677414	36.06	ng/ul	0.00
78) Pyrene-d10	19.38	212	839395	35.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	989045	36.86	ng/ul	0.00

Target Compounds

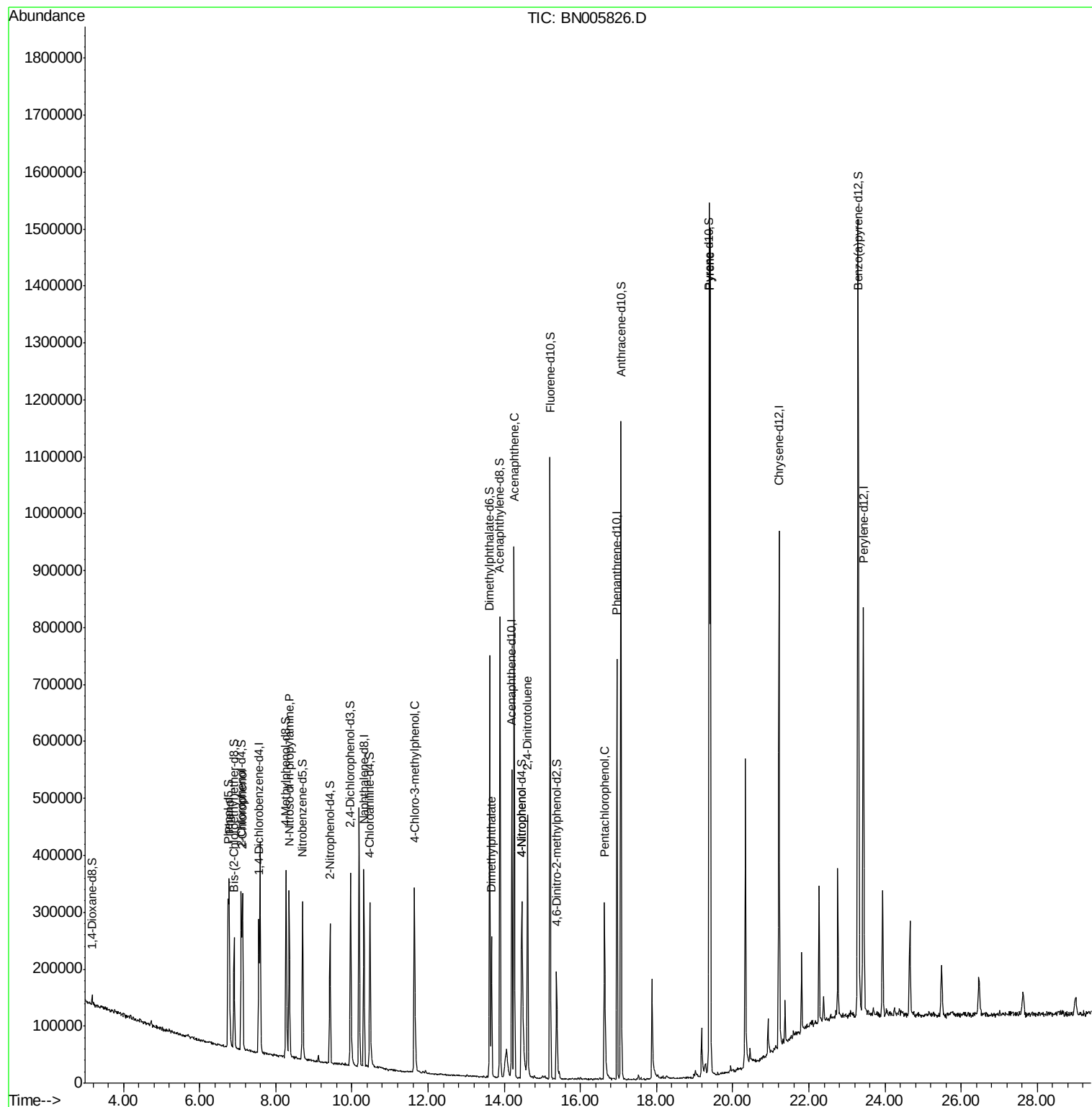
					Ovalue	
6) Phenol	6.78	94	152694	29.459	ng/ul	95
10) 2-Chlorophenol	7.13	128	122900	29.683	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.35	70	99307	29.540	ng/ul#	91
33) 4-Chloro-3-methylphenol	11.64	107	143959	30.420	ng/ul	93
44) Dimethylphthalate	13.66	163	172275	12.984	ng/ul	99
49) Acenaphthene	14.26	153	363350	34.059	ng/ul	99
52) 4-Nitrophenol	14.47	109	68419	38.644	ng/ul	89
54) 2,4-Dinitrotoluene	14.61	165	131296	31.339	ng/ul	99
68) Pentachlorophenol	16.63	266	79604	33.777	ng/ul	98
79) Pyrene	19.42	202	997101	33.426	ng/ul#	86

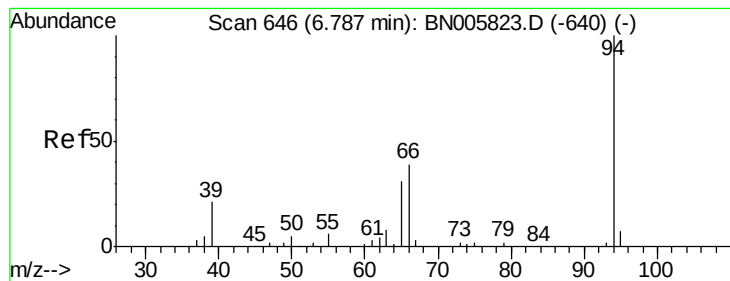
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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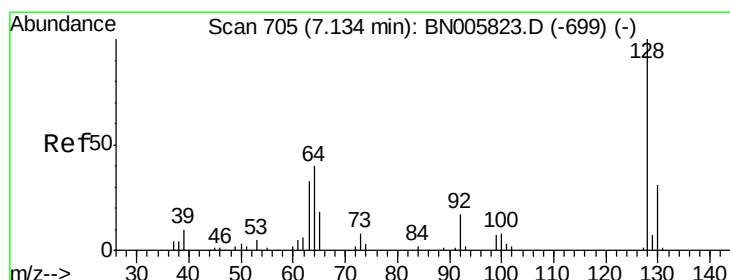
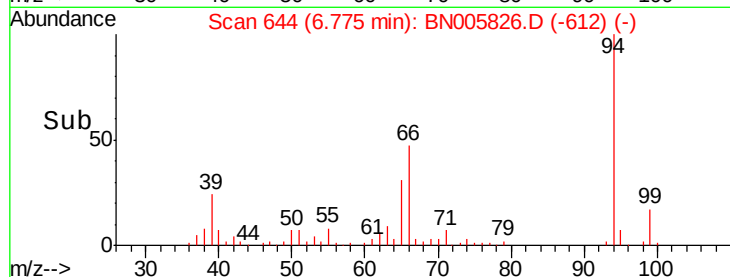
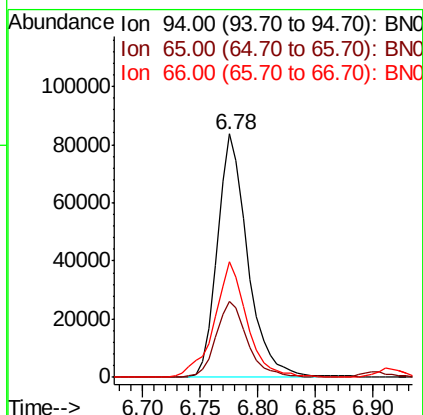
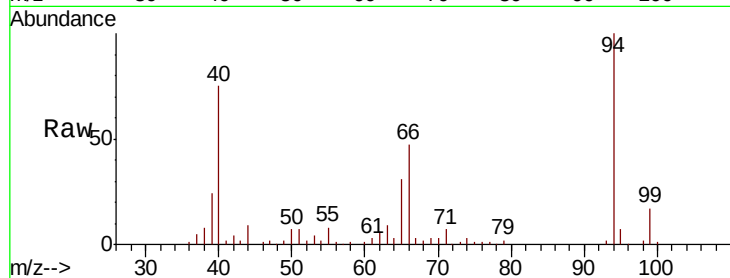
#6

Phenol

Concen: 29.459 ng/ul
 RT: 6.78 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BN005826.D
 Acq: 21 May 2019 16:01

Instrument :
 BNA_N
 ClientSampled :
 A5186MS

Tot Ion: 94 Resp: 152694
 Ion Ratio Lower Upper
 94 100
 65 31.4 24.2 36.4
 66 47.2 33.8 50.6

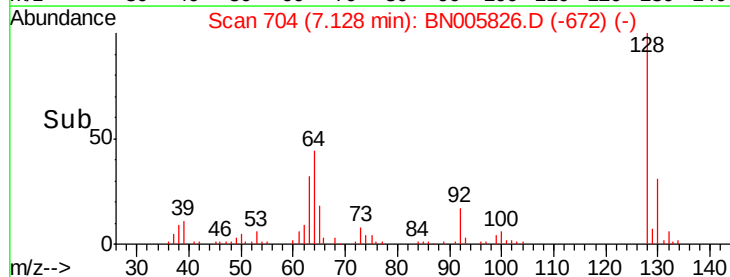
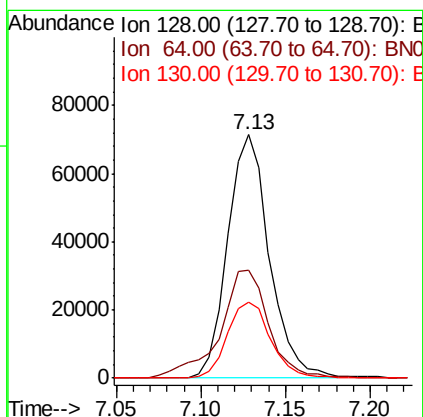
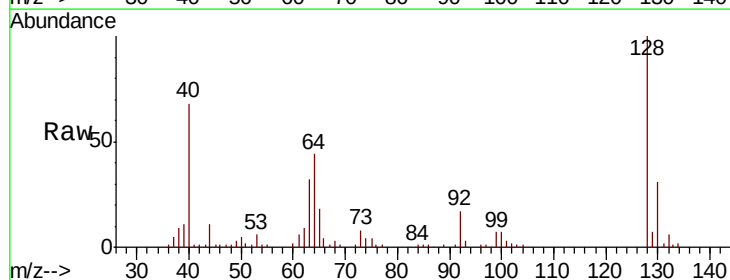


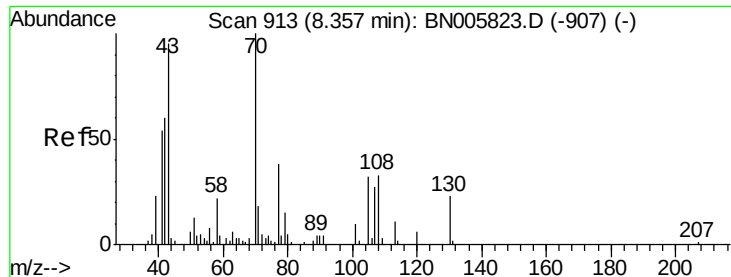
#10

2-Chlorophenol

Concen: 29.683 ng/ul
 RT: 7.13 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BN005826.D
 Acq: 21 May 2019 16:01

Tgt Ion:128 Resp: 122900
 Ion Ratio Lower Upper
 128 100
 64 44.3 42.3 63.5
 130 31.2 26.5 39.7

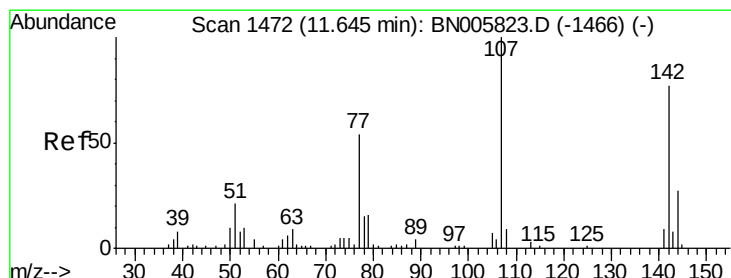
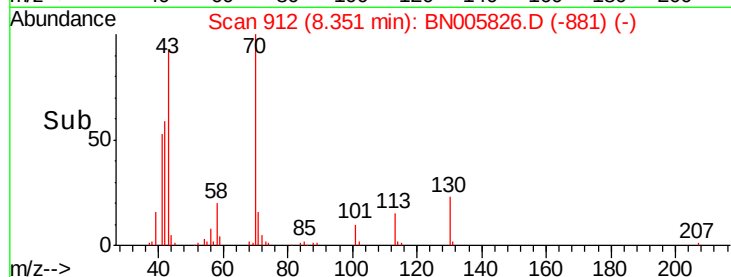
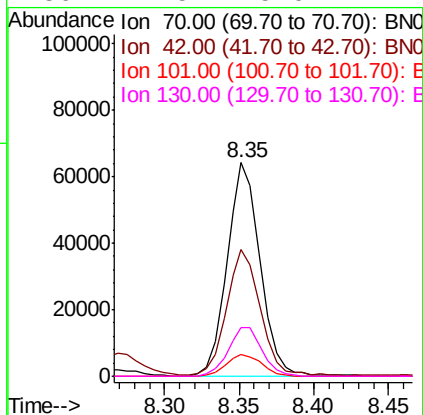
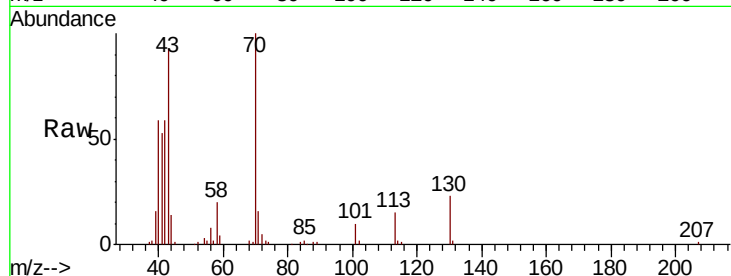




#15
N-Nitroso-di-n-propylamine
Concen: 29.540 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. -0.02 min
Lab File: BN005826.D
Acq: 21 May 2019 16:01

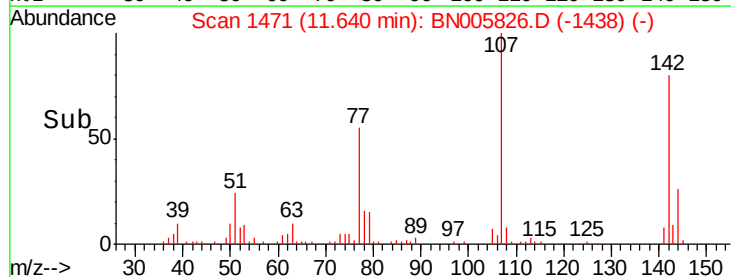
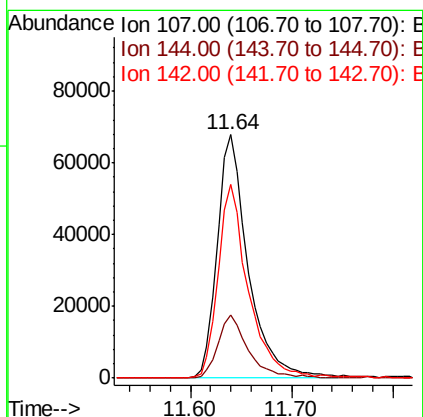
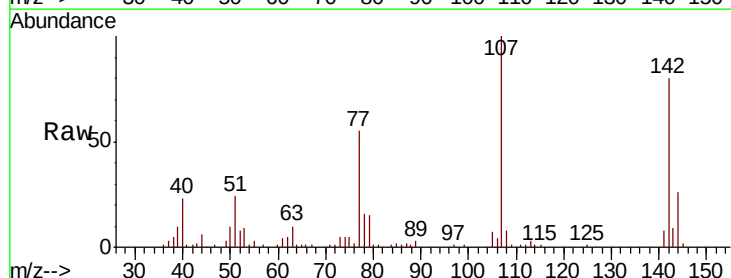
Instrument :
BNA_N
ClientSampleId :
A5186MS

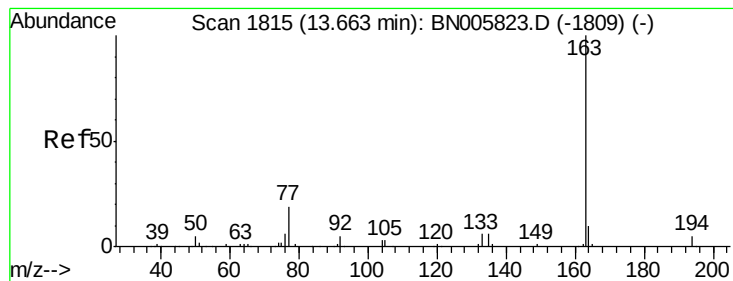
Tot Ion: 70 Resp: 99307
Ion Ratio Lower Upper
70 100
42 59.2 53.8 80.8
101 10.1 7.7 11.5
130 22.5 15.0 22.4#



#33
4-Chloro-3-methylphenol
Concen: 30.420 ng/ul
RT: 11.64 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BN005826.D
Acq: 21 May 2019 16:01

Tgt Ion: 107 Resp: 143959
Ion Ratio Lower Upper
107 100
144 25.8 19.4 29.0
142 79.5 57.7 86.5





#44

Dimethylphthalate

Concen: 12.984 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BN005826.D

Acq: 21 May 2019 16:01

Instrument :

BNA_N

ClientSampleId :

A5186MS

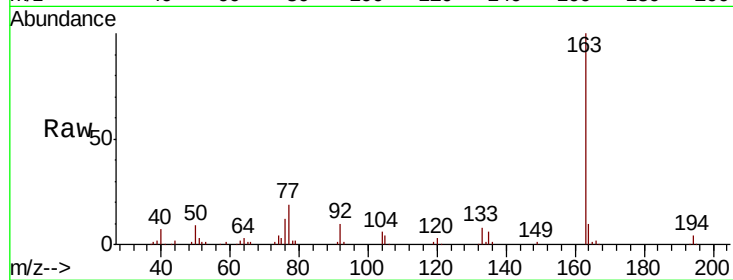
Tot Ion:163 Resp: 172275

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.3 8.1 12.1

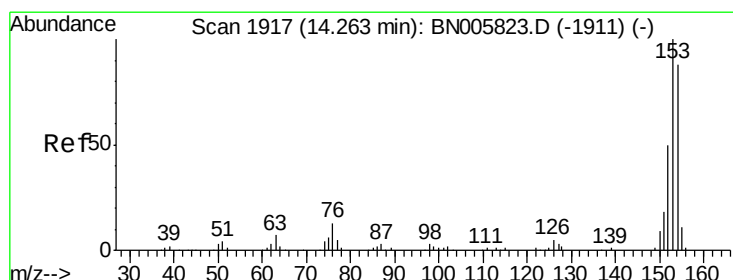
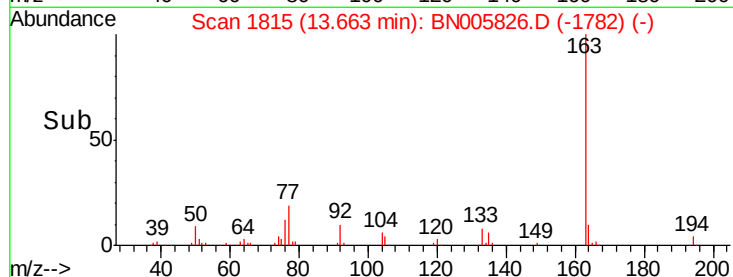
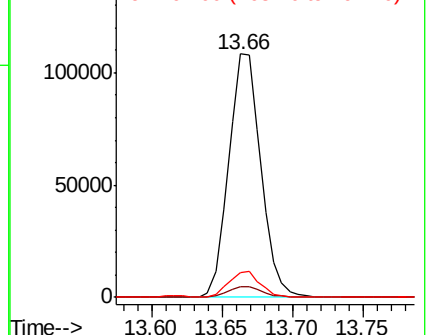


Abundance

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: 34.059 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN005826.D

Acq: 21 May 2019 16:01

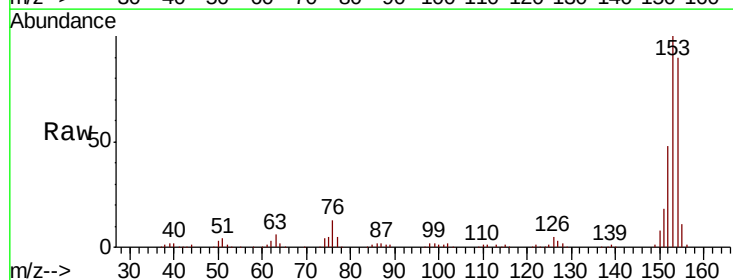
Tgt Ion:153 Resp: 363350

Ion Ratio Lower Upper

153 100

152 47.6 37.4 56.0

154 90.4 71.2 106.8

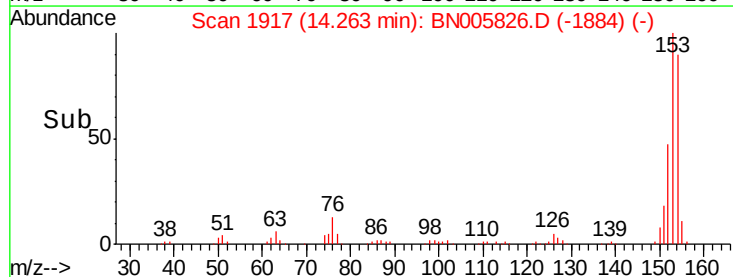
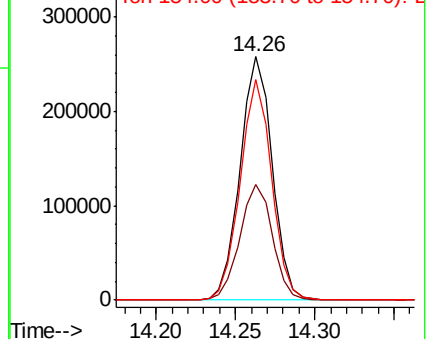


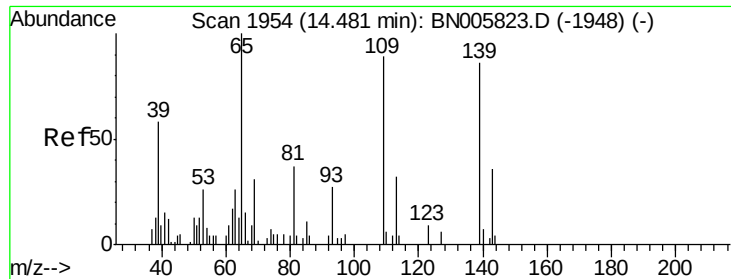
Abundance

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

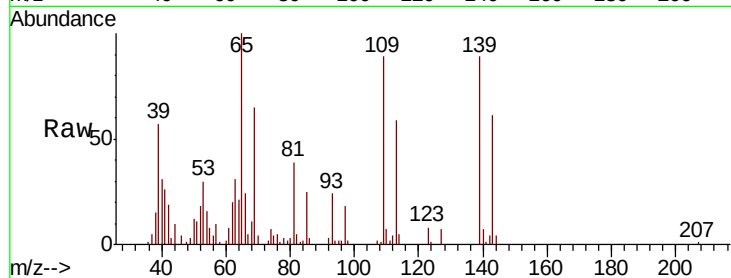




#52
4-Nitrophenol
Concen: 38.644 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BN005826.D
Acq: 21 May 2019 16:01

Instrument :
BNA_N
ClientSampleId :
A5186MS

Tot Ion	Ratio	Lower	Upper
109	100		
139	99.7	92.3	138.5
65	112.2	97.5	146.3

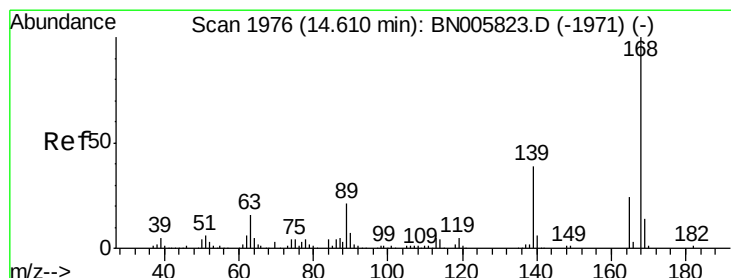
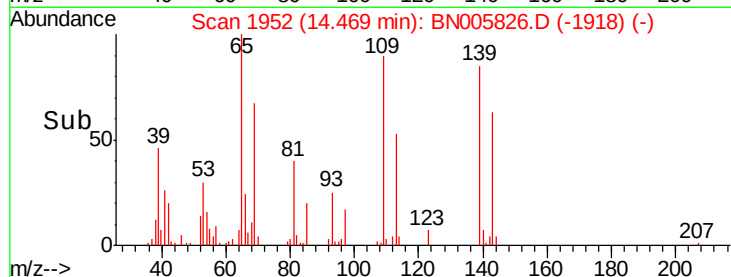
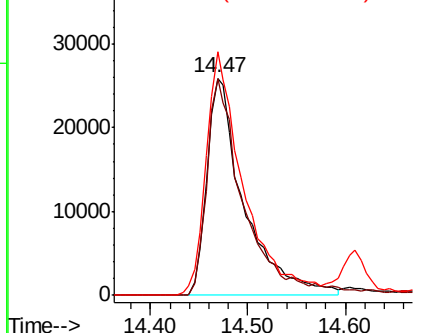


Abundance

Ion 109.00 (108.70 to 109.70): E

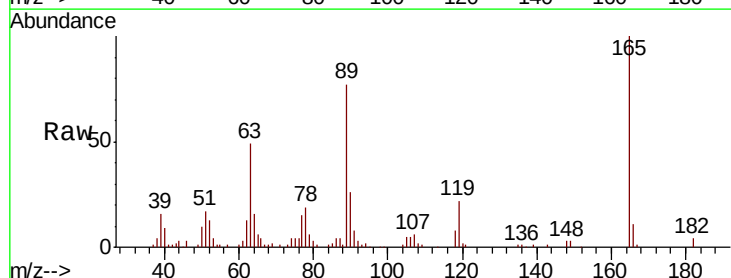
Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO



#54
2,4-Dinitrotoluene
Concen: 31.339 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BN005826.D
Acq: 21 May 2019 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.9	58.3
182	3.6	2.6	3.8

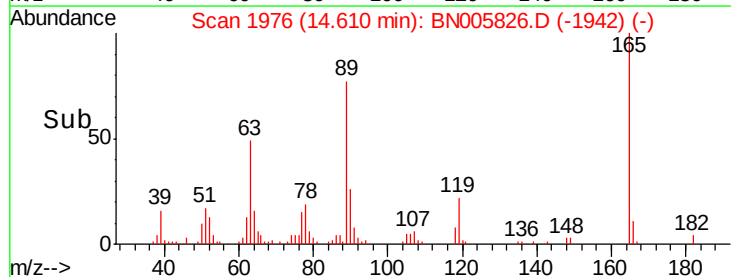
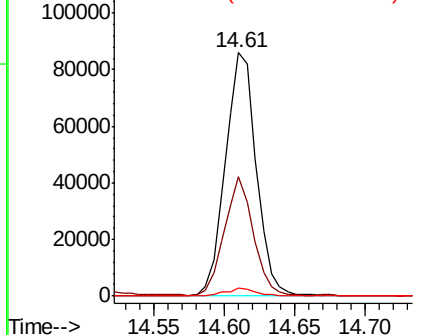


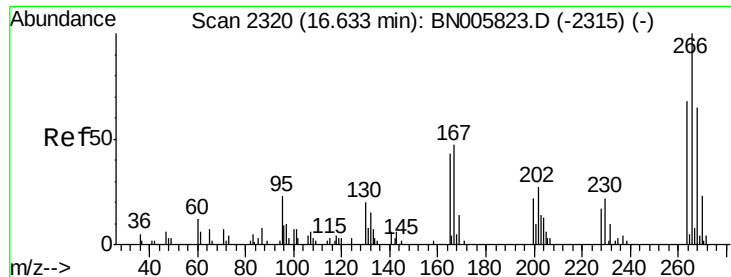
Abundance

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

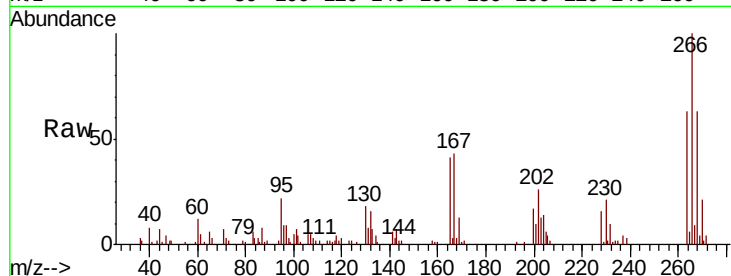




#68
 Pentachlorophenol
 Concen: 33.777 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BN005826.D
 Acq: 21 May 2019 16:01

Instrument :
 BNA_N
 ClientSampled :
 A5186MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.7	74.5
268	63.2	52.4	78.6

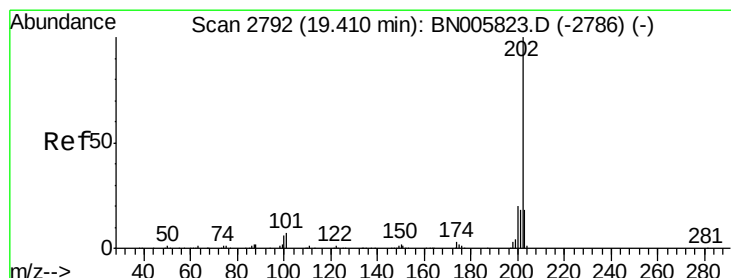
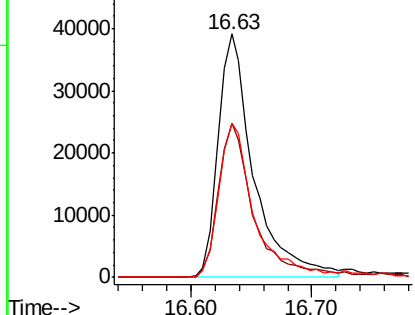
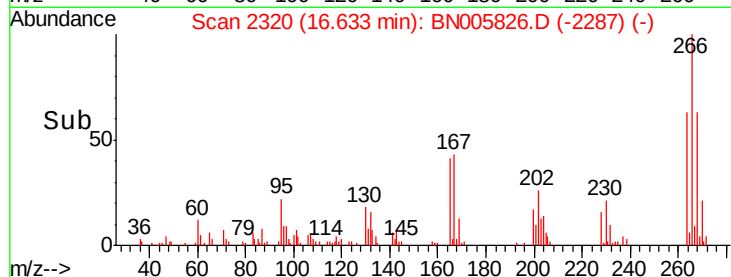


Abundance

Ion 265.70 (265.40 to 266.40): E

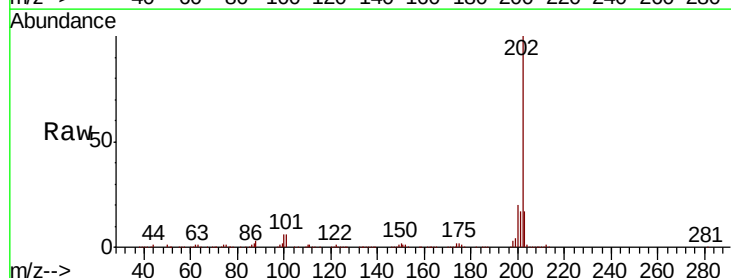
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 33.426 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BN005826.D
 Acq: 21 May 2019 16:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	10.3	15.5#
100	5.8	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

