

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
 Data File : BN005827.D
 Acq On : 21 May 2019 16:36
 Operator : JU/SJ
 Sample : K2692-25MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5186MSD

Quant Time: May 21 17:12:02 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	46962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	193961	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	128092	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	318757	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	367641	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	461582	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	5545	6.61	ng/uL	-0.01
5) Phenol-d5	6.76	99	96485	26.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	51170	27.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	81222	27.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	78698	25.36	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	40229	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	46588	28.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	86784	27.97	ng/ul	0.01
29) 4-Chloroaniline-d4	10.49	131	104848	30.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	301498	30.59	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	369716	30.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	33788	24.34	ng/ul	0.01
57) Fluorene-d10	15.20	176	259974	30.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	27694	14.45	ng/ul	0.01
70) Anthracene-d10	17.06	188	419105	30.43	ng/ul	0.00
78) Pyrene-d10	19.38	212	518464	28.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	633089	30.58	ng/ul	0.00

Target Compounds

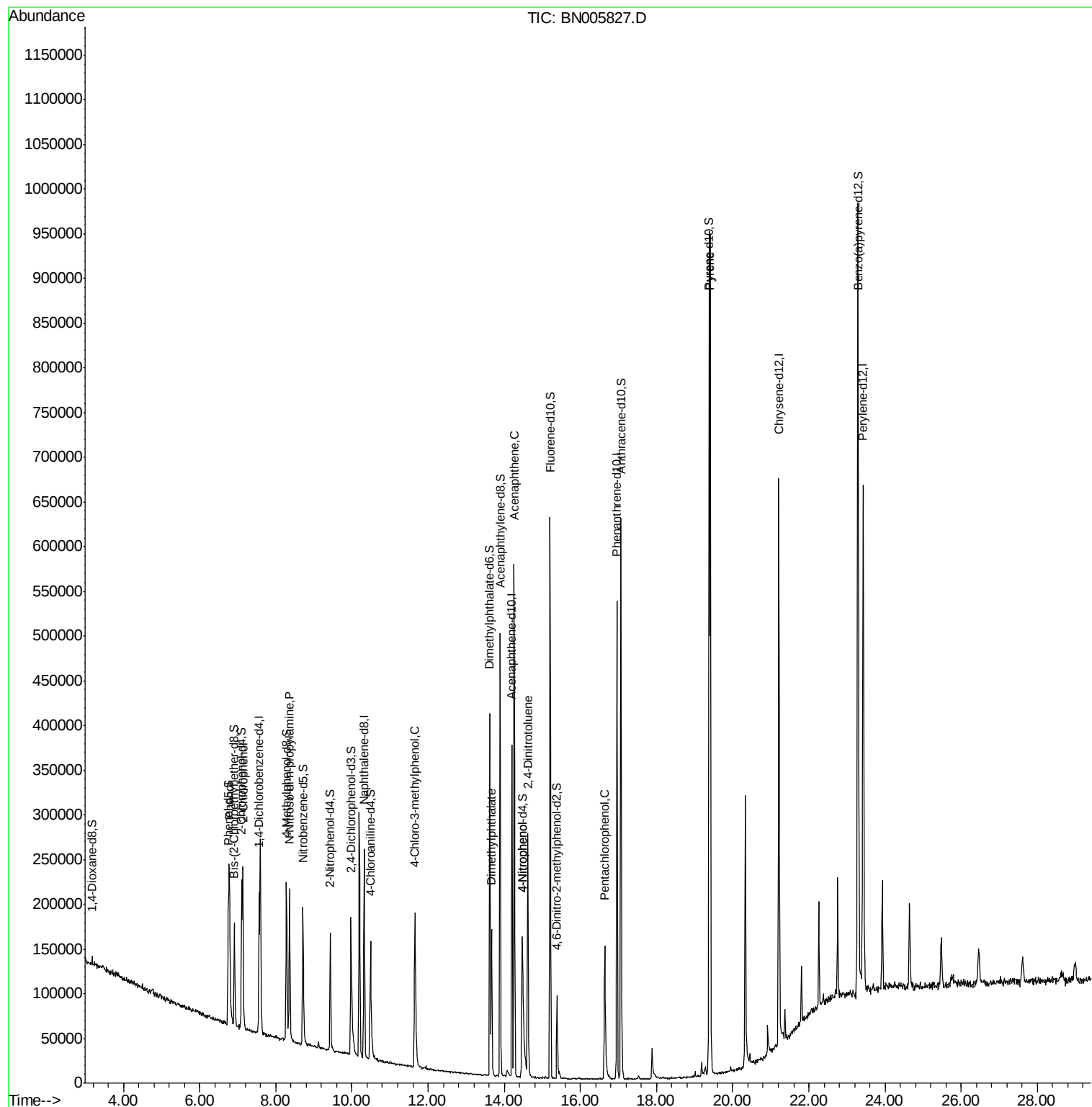
					Ovalue
6) Phenol	6.79	94	99604	26.923	ng/ul 92
10) 2-Chlorophenol	7.13	128	78643	26.610	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.36	70	63720	26.555	ng/ul 90
33) 4-Chloro-3-methylphenol	11.65	107	92999	27.541	ng/ul 96
44) Dimethylphthalate	13.67	163	114406	11.773	ng/ul 98
49) Acenaphthene	14.26	153	236446	30.262	ng/ul 99
52) 4-Nitrophenol	14.48	109	35045	27.026	ng/ul 89
54) 2,4-Dinitrotoluene	14.62	165	81051	26.415	ng/ul 95
68) Pentachlorophenol	16.63	266	43014	24.897	ng/ul 100
79) Pyrene	19.41	202	651599	28.862	ng/ul# 88

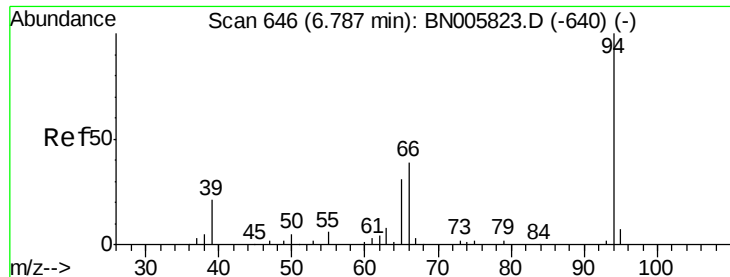
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 26.923 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BN005827.D

Acq: 21 May 2019 16:36

Instrument :

BNA_N

ClientSampleId :

A5186MSD

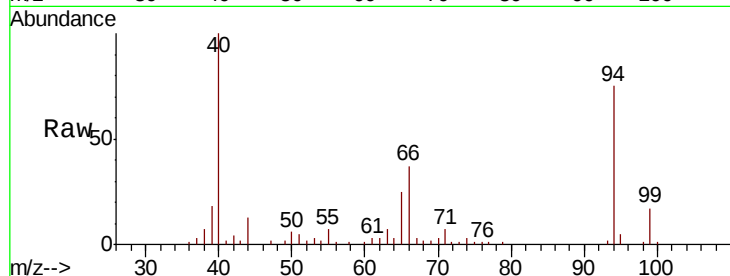
Tot Ion: 94 Resp: 99604

Ion Ratio Lower Upper

94 100

65 33.1 24.2 36.4

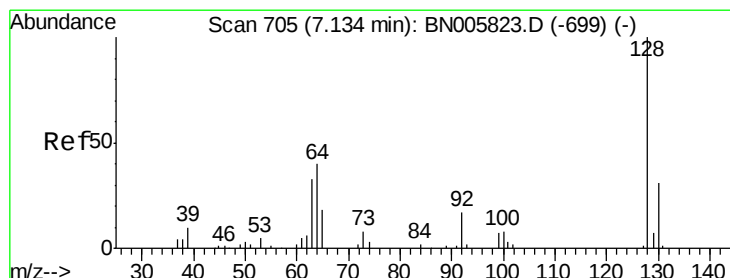
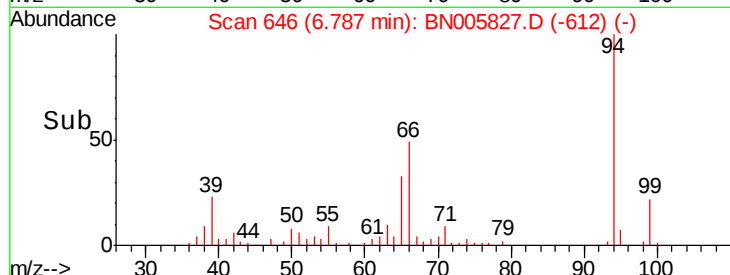
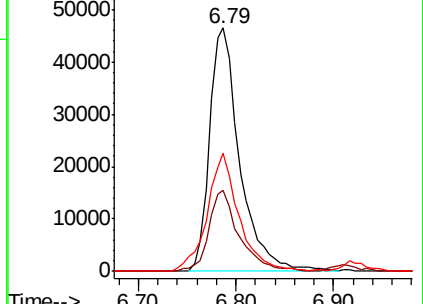
66 48.5 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005823.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BN005823.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BN005823.D (-640) (-)



#10

2-Chlorophenol

Concen: 26.610 ng/ul

RT: 7.13 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN005827.D

Acq: 21 May 2019 16:36

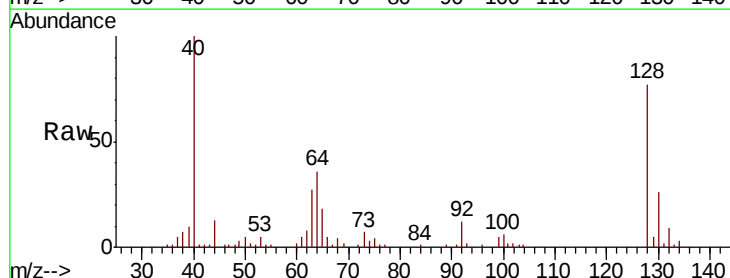
Tgt Ion: 128 Resp: 78643

Ion Ratio Lower Upper

128 100

64 46.6 42.3 63.5

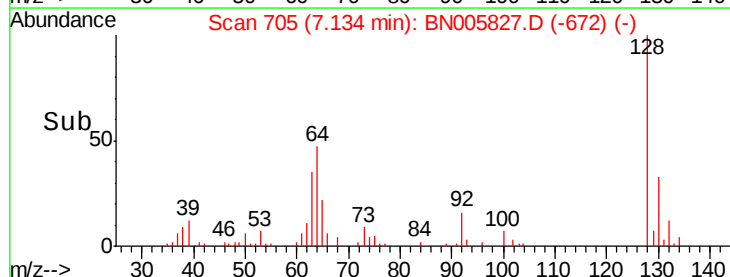
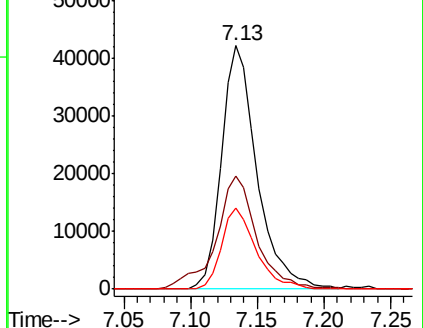
130 33.2 26.5 39.7

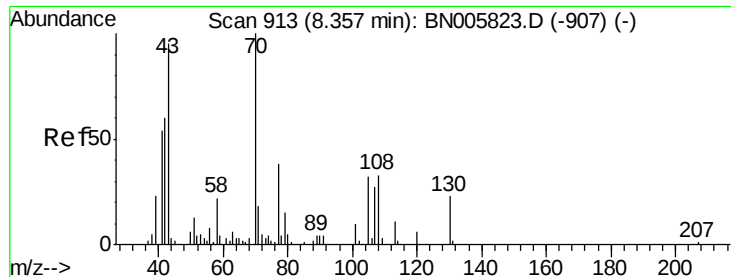


Abundance Ion 128.00 (127.70 to 128.70): BN005823.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BN005823.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BN005823.D (-699) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 26.555 ng/ul

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN005827.D

Acq: 21 May 2019 16:36

Instrument :

BNA_N

ClientSampled :

A5186MSD

Tot Ion: 70 Resp: 63720

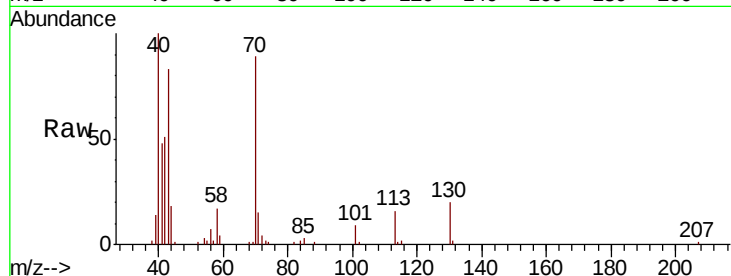
Ion Ratio Lower Upper

70 100

42 58.1 53.8 80.8

101 9.9 7.7 11.5

130 22.2 15.0 22.4

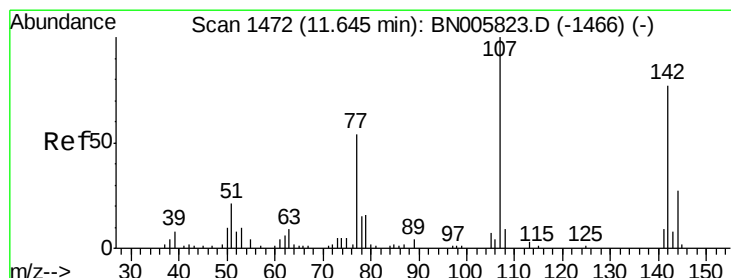
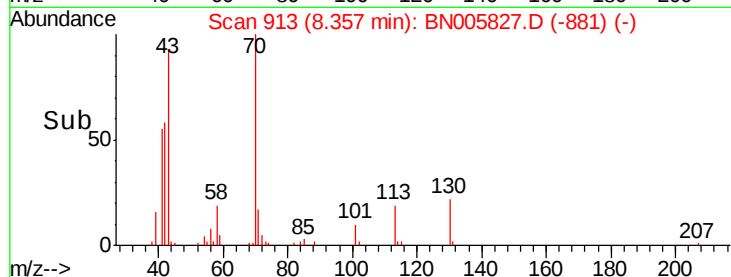
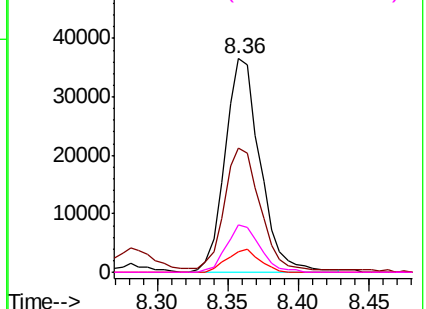


Abundance Ion 70.00 (69.70 to 70.70): BN005827.D (-907) (-)

Ion 42.00 (41.70 to 42.70): BN005827.D (-907) (-)

Ion 101.00 (100.70 to 101.70): BN005827.D (-907) (-)

Ion 130.00 (129.70 to 130.70): BN005827.D (-907) (-)



#33

4-Chloro-3-methylphenol

Concen: 27.541 ng/ul

RT: 11.65 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BN005827.D

Acq: 21 May 2019 16:36

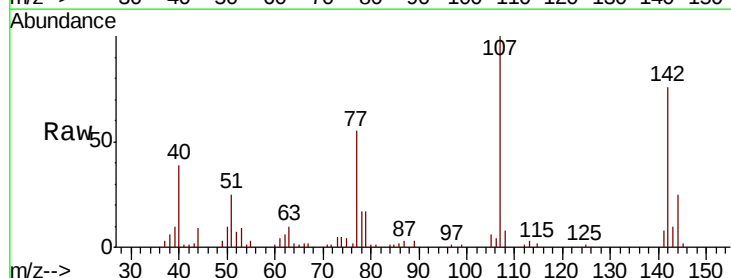
Tgt Ion:107 Resp: 92999

Ion Ratio Lower Upper

107 100

144 24.8 19.4 29.0

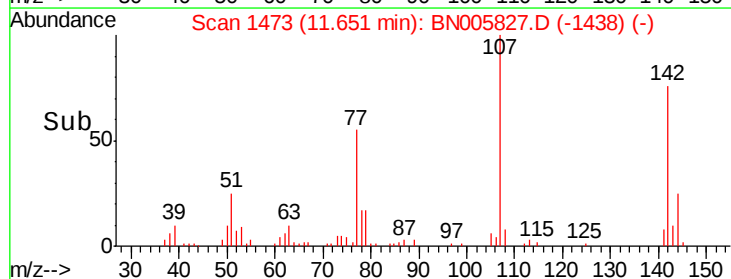
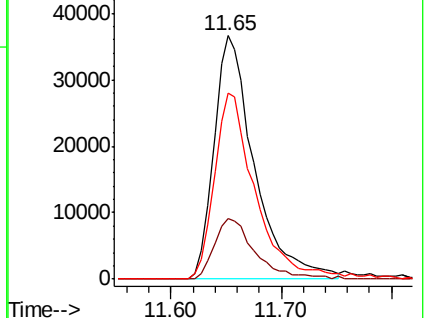
142 76.4 57.7 86.5

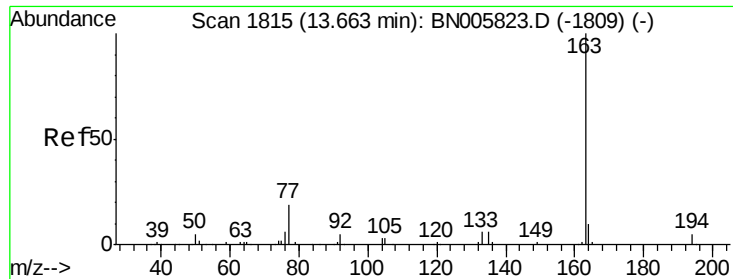


Abundance Ion 107.00 (106.70 to 107.70): BN005827.D (-1466) (-)

Ion 144.00 (143.70 to 144.70): BN005827.D (-1466) (-)

Ion 142.00 (141.70 to 142.70): BN005827.D (-1466) (-)





#44

Dimethylphthalate

Concen: 11.773 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BN005827.D

Acq: 21 May 2019 16:36

Instrument :

BNA_N

ClientSampleId :

A5186MSD

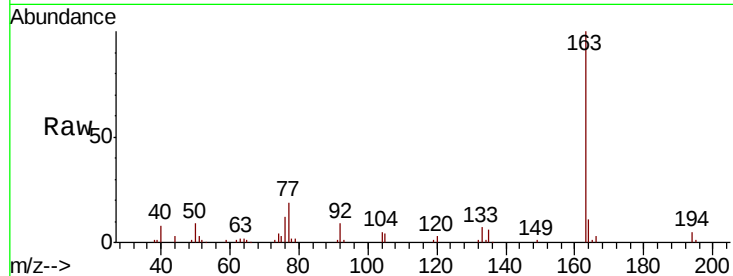
Tot Ion:163 Resp: 114406

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

164 10.6 8.1 12.1

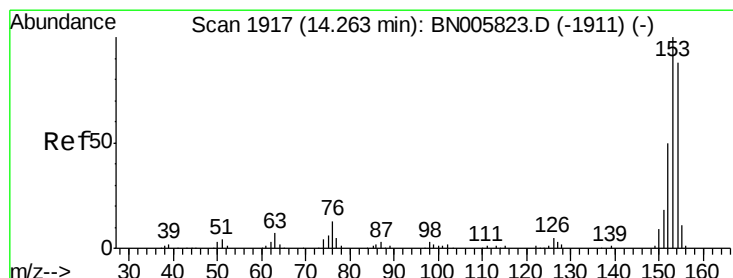
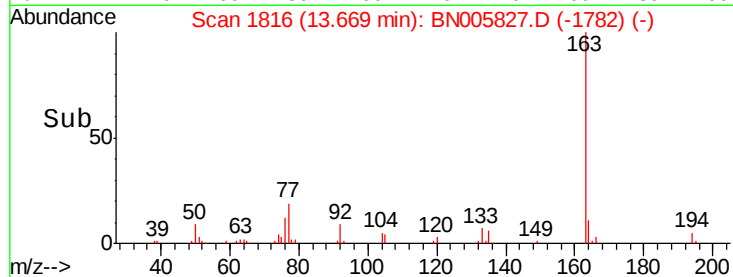
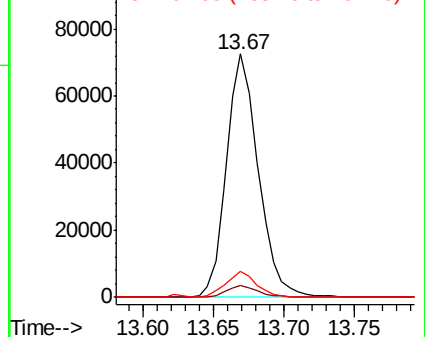


Abundance

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: 30.262 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN005827.D

Acq: 21 May 2019 16:36

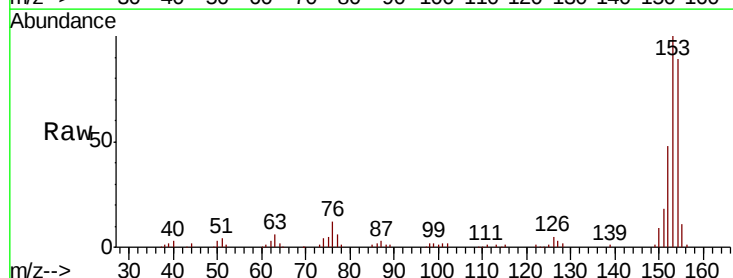
Tgt Ion:153 Resp: 236446

Ion Ratio Lower Upper

153 100

152 47.9 37.4 56.0

154 88.6 71.2 106.8

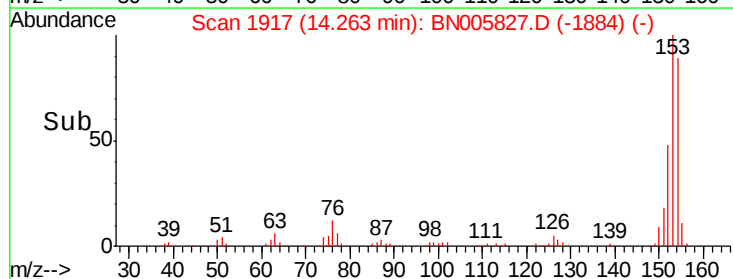
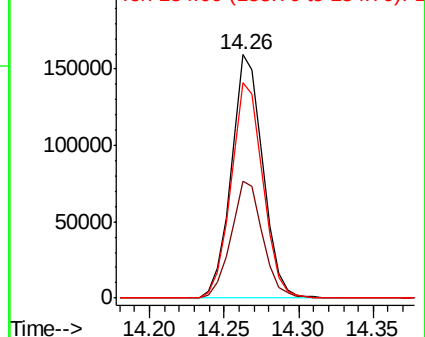


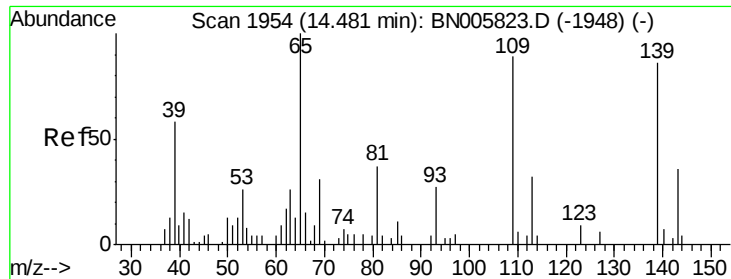
Abundance

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

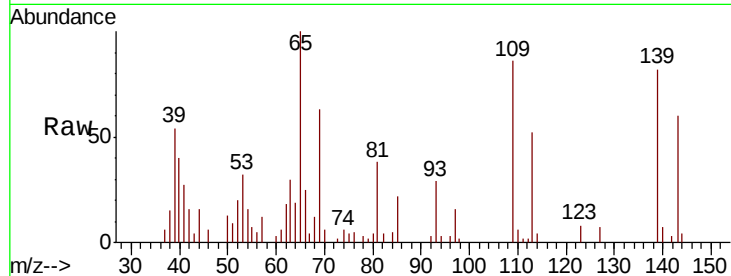




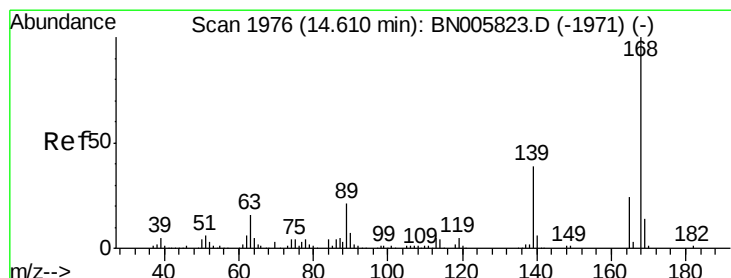
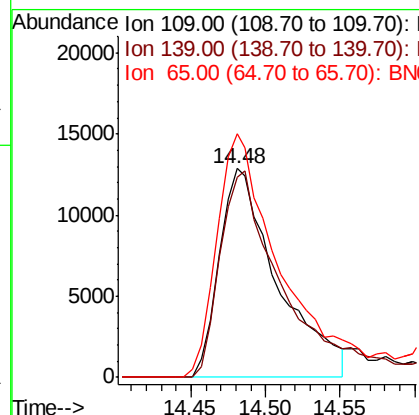
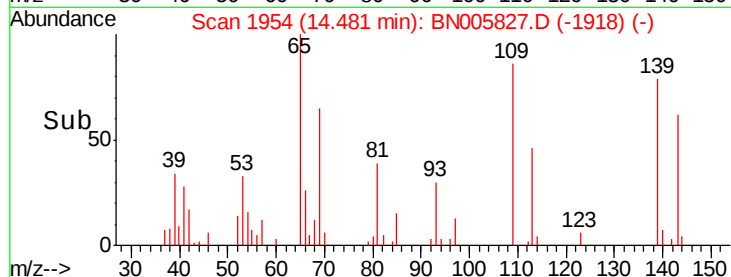
#52
4-Nitrophenol
Concen: 27.026 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BN005827.D
Acq: 21 May 2019 16:36

Instrument :
BNA_N
ClientSampleId :
A5186MSD

Tot Ion:109 Resp: 35045
Ion Ratio Lower Upper
109 100
139 95.8 92.3 138.5
65 116.5 97.5 146.3

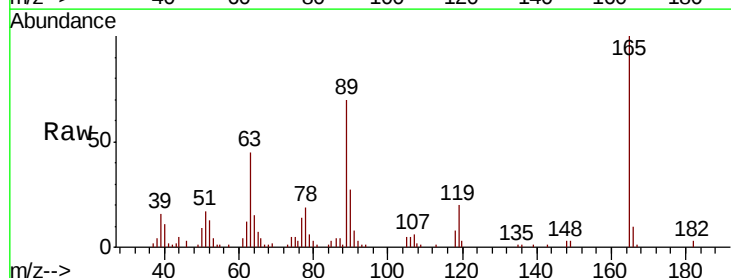


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

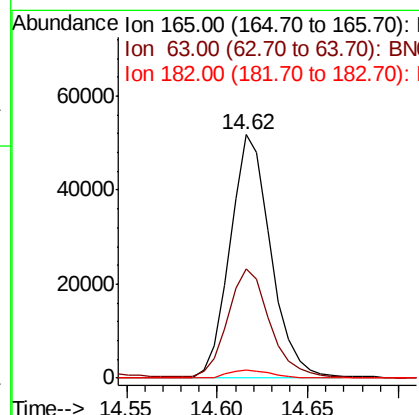
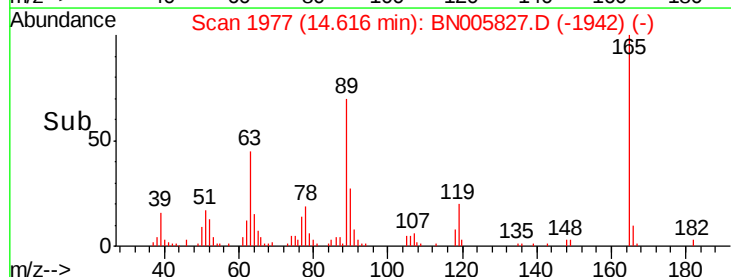


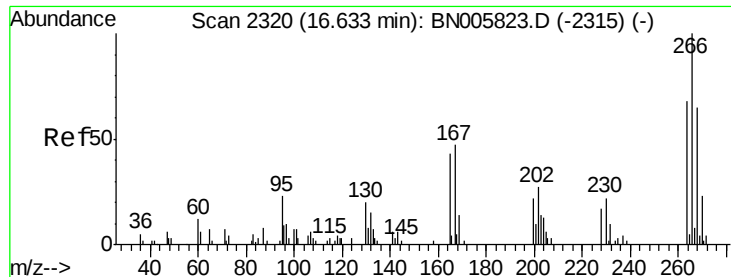
#54
2,4-Dinitrotoluene
Concen: 26.415 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BN005827.D
Acq: 21 May 2019 16:36

Tgt Ion:165 Resp: 81051
Ion Ratio Lower Upper
165 100
63 45.1 38.9 58.3
182 3.2 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

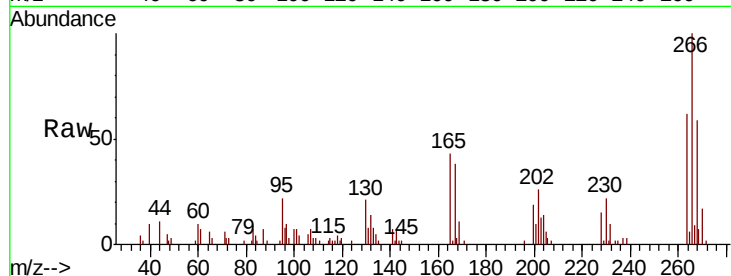




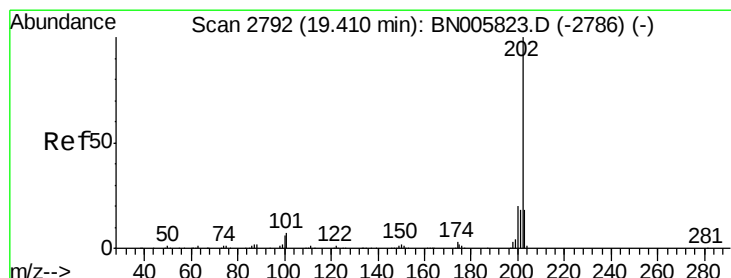
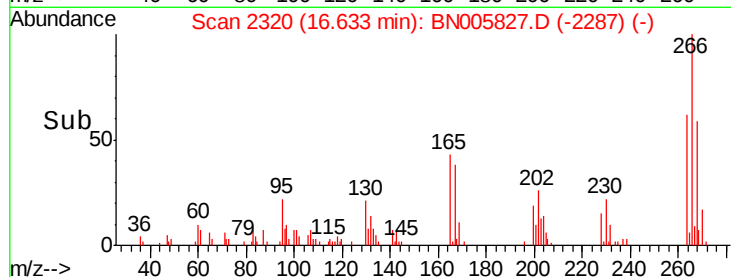
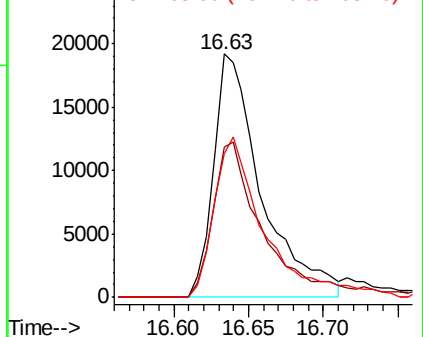
#68
 Pentachlorophenol
 Concen: 24.897 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BN005827.D
 Acq: 21 May 2019 16:36

Instrument :
 BNA_N
 ClientSampleId :
 A5186MSD

Tot Ion:266 Resp: 43014
 Ion Ratio Lower Upper
 266 100
 264 61.6 49.7 74.5
 268 65.5 52.4 78.6

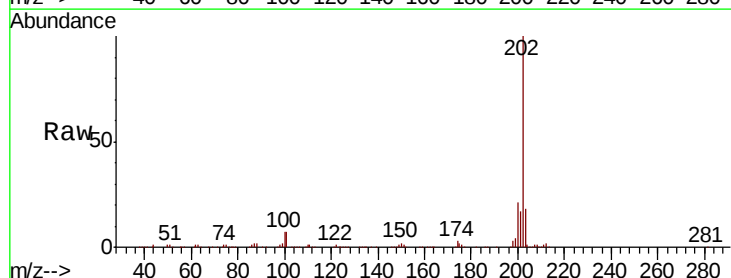


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 28.862 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. -0.01 min
 Lab File: BN005827.D
 Acq: 21 May 2019 16:36

Tgt Ion:202 Resp: 651599
 Ion Ratio Lower Upper
 202 100
 101 7.2 10.3 15.5#
 100 6.5 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

