

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006475.D
 Acq On : 21 Jun 2019 21:06
 Operator : HP/JU
 Sample : K3388-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4216MSD

Quant Time: Jun 24 05:54:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	250275	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1174628	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	692704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1542806	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1314194	20.00	ng/ul	-0.01
85) Perylene-d12	23.47	264	1195896	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	21052	3.29	ng/uL	0.00
5) Phenol-d5	6.80	99	423978	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	283136	17.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	330070	16.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	300649	14.22	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	167427	17.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	175029	17.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	315084	16.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	273132	12.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1063349	17.51	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1272181	17.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	147354	14.21	ng/ul	0.00
57) Fluorene-d10	15.28	176	905744	17.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	52662	5.39	ng/ul	0.00
70) Anthracene-d10	17.13	188	1373914	17.69	ng/ul	0.00
78) Pyrene-d10	19.44	212	1529496	19.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1192702	17.66	ng/ul	-0.02

Target Compounds

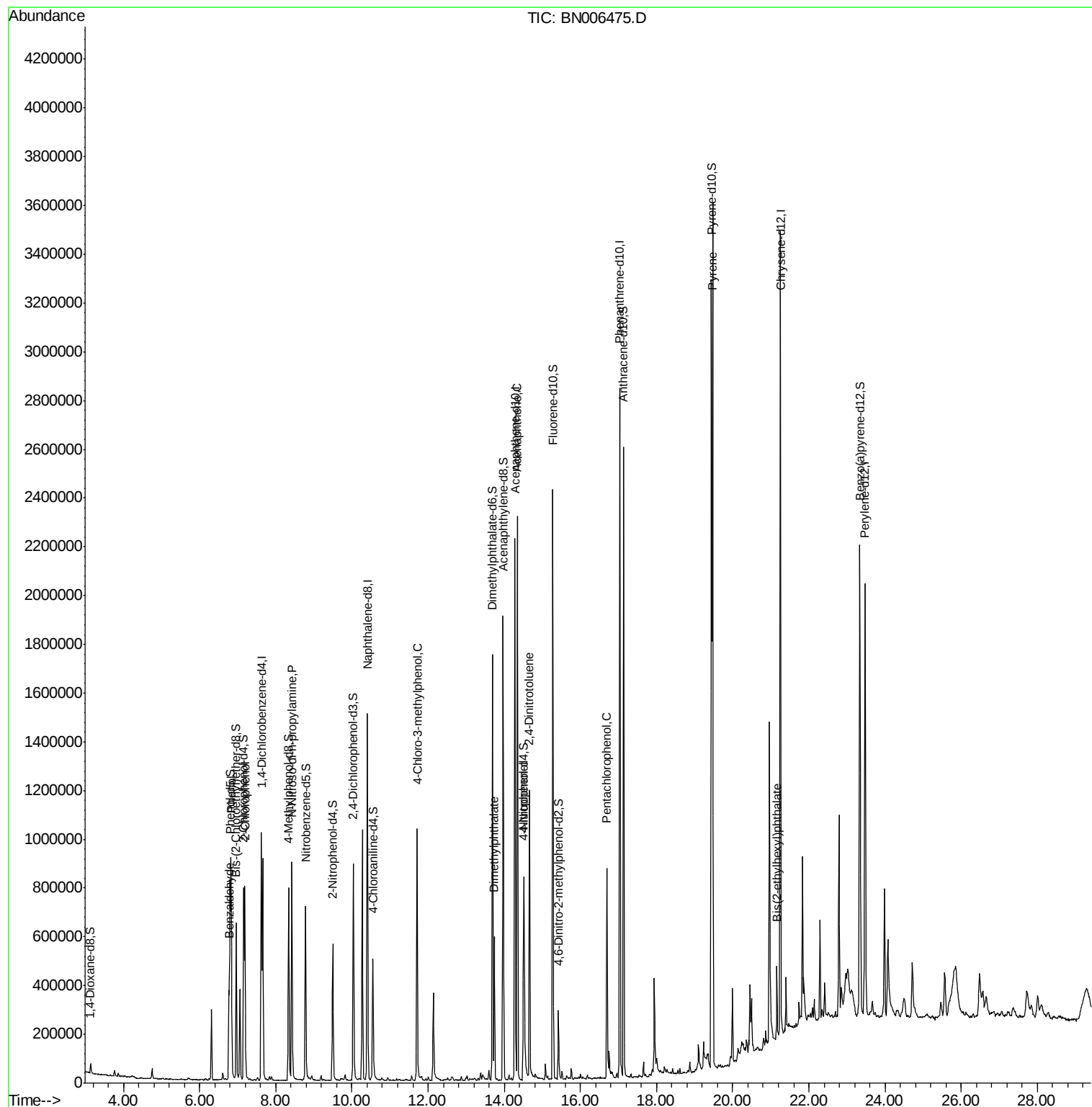
					Qvalue
4) Benzaldehyde	6.77	77	142177	13.208	ng/ul 99
6) Phenol	6.83	94	474624	18.473	ng/ul 99
10) 2-Chlorophenol	7.19	128	328676	17.457	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.43	70	314984	18.489	ng/ul 98
33) 4-Chloro-3-methylphenol	11.71	107	381444	17.622	ng/ul 98
44) Dimethylphthalate	13.74	163	351614	6.282	ng/ul 100
49) Acenaphthene	14.35	153	866136	18.431	ng/ul 99
52) 4-Nitrophenol	14.52	109	115592	15.929	ng/ul 98
54) 2,4-Dinitrotoluene	14.67	165	305270	19.437	ng/ul 91
68) Pentachlorophenol	16.69	266	153162	17.738	ng/ul 95
79) Pyrene	19.47	202	2017949	22.553	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.16	149	91198	1.585	ng/ul 98

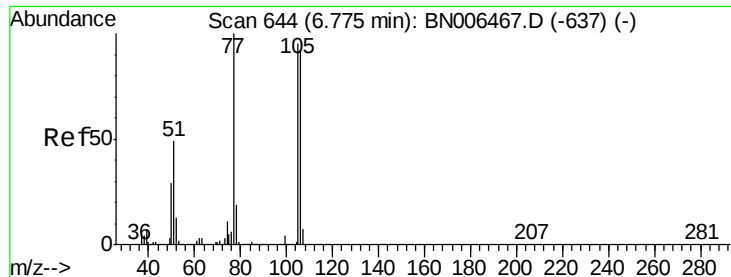
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 22:42:34 2019
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#4

Benzaldehyde

Concen: 13.208 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. -0.00 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_N

ClientSampled :

A4216MSD

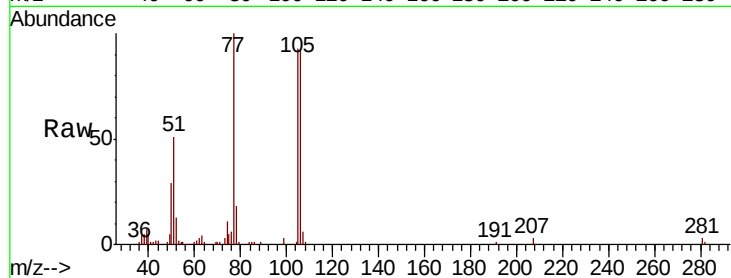
Tgt Ion: 77 Resp: 142177

Ion Ratio Lower Upper

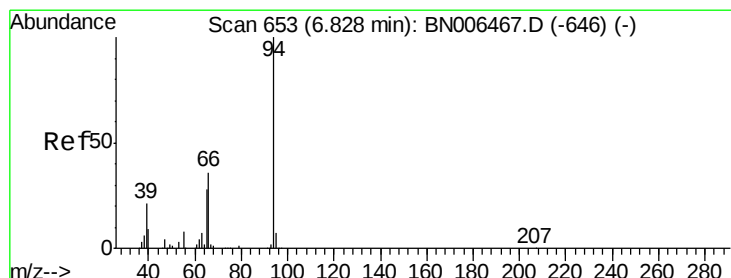
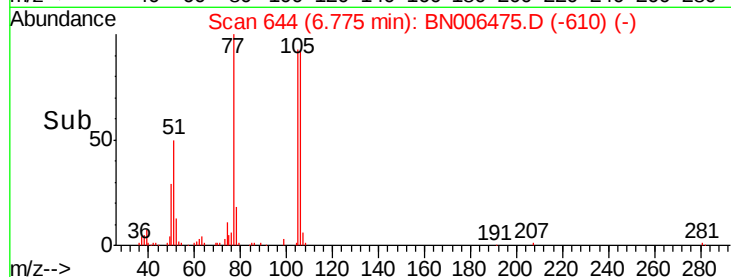
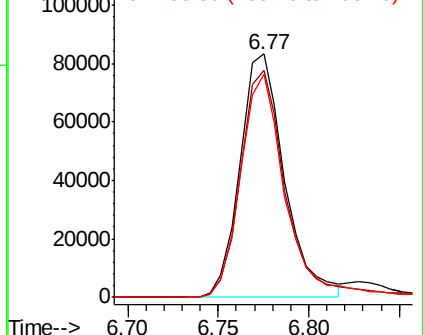
77 100

105 93.2 74.1 111.1

106 91.9 72.7 109.1



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 18.473 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.00 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

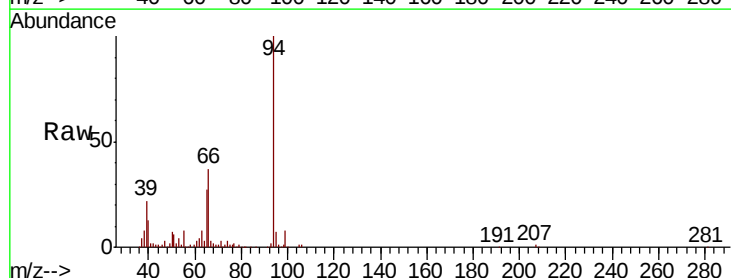
Tgt Ion: 94 Resp: 474624

Ion Ratio Lower Upper

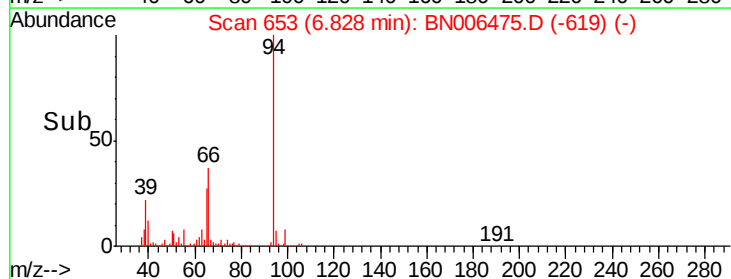
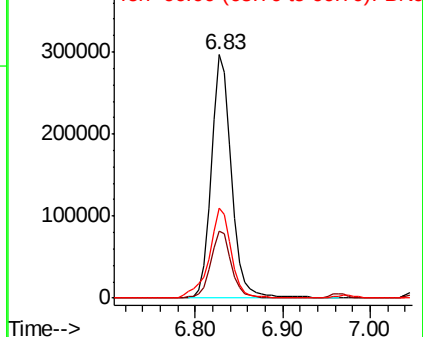
94 100

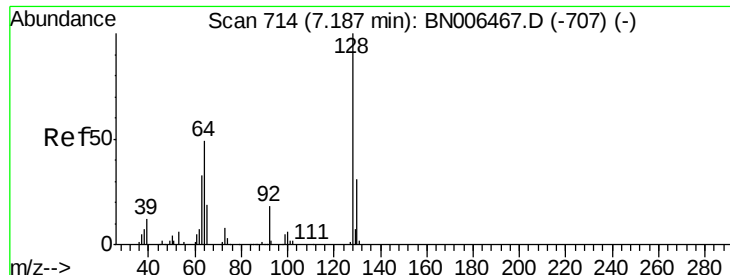
65 27.5 22.5 33.7

66 37.2 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC

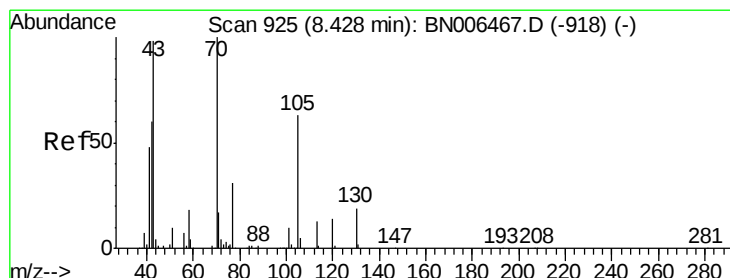
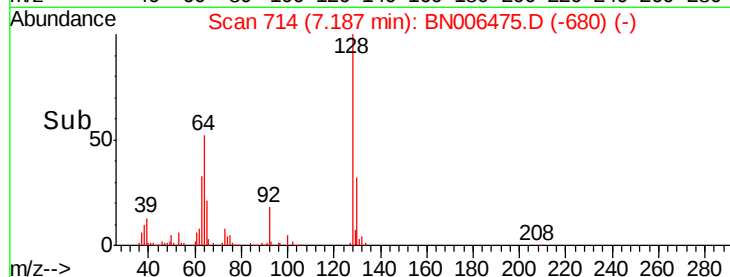
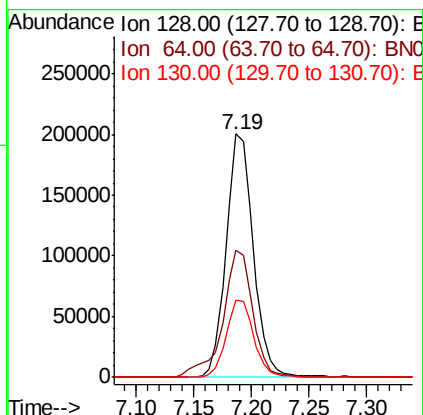
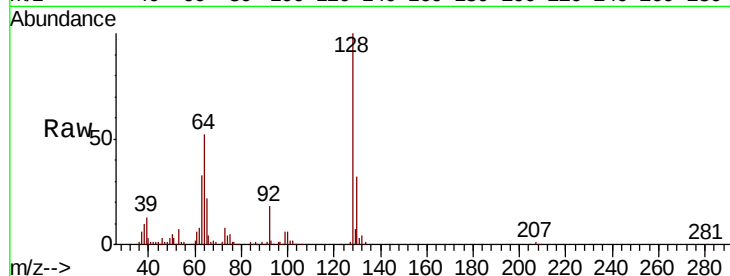




#10
2-Chlorophenol
Concen: 17.457 ng/ul
RT: 7.19 min Scan# 714
Delta R.T. -0.00 min
Lab File: BN006475.D
Acq: 21 Jun 2019 21:06

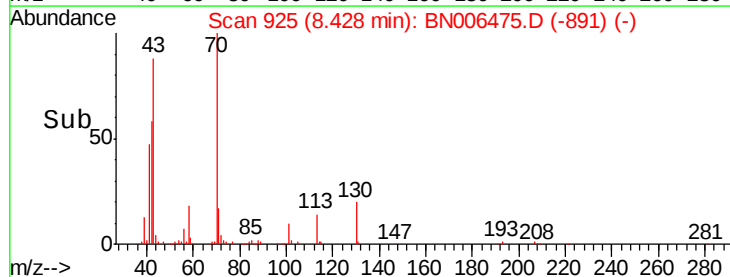
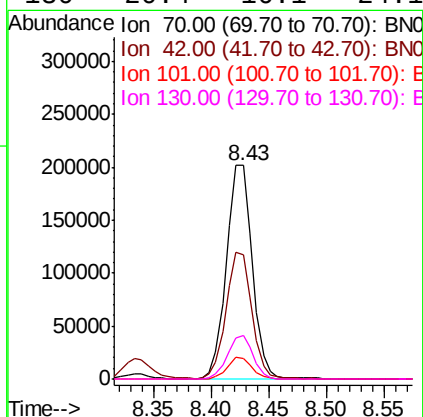
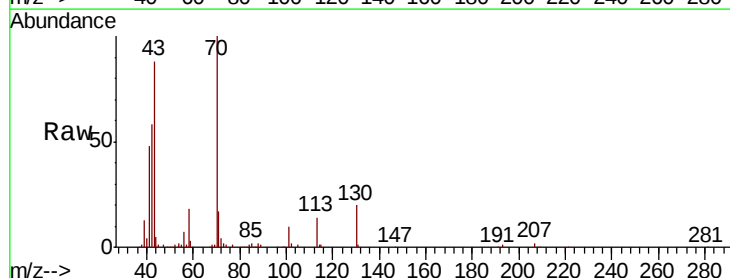
Instrument :
BNA_N
ClientSampleId :
A4216MSD

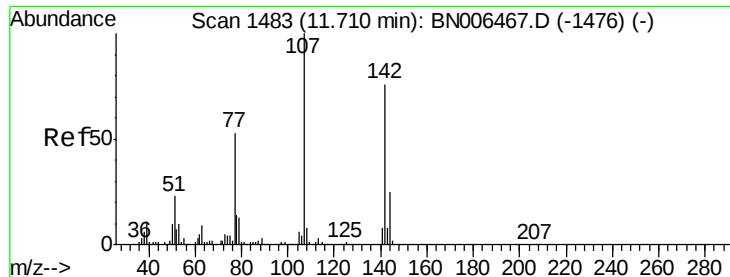
Tgt Ion:128 Resp: 328676
Ion Ratio Lower Upper
128 100
64 52.1 42.4 63.6
130 31.7 26.6 39.8



#15
N-Nitroso-di-n-propylamine
Concen: 18.489 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BN006475.D
Acq: 21 Jun 2019 21:06

Tgt Ion: 70 Resp: 314984
Ion Ratio Lower Upper
70 100
42 58.0 48.0 72.0
101 9.6 7.4 11.0
130 20.4 16.1 24.1





#33

4-Chloro-3-methylphenol

Concen: 17.622 ng/ul

RT: 11.71 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_N

ClientSampleId :

A4216MSD

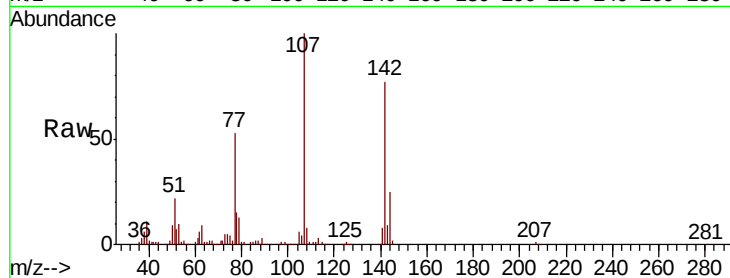
Tgt Ion:107 Resp: 381444

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

142 77.4 60.8 91.2

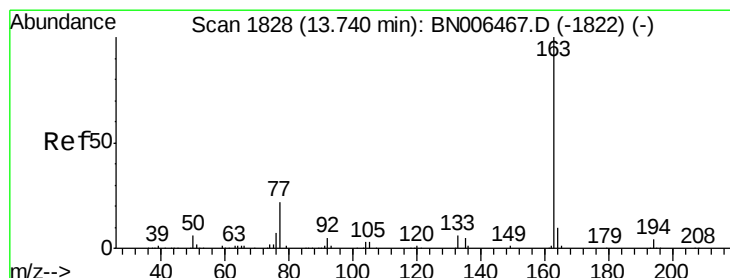
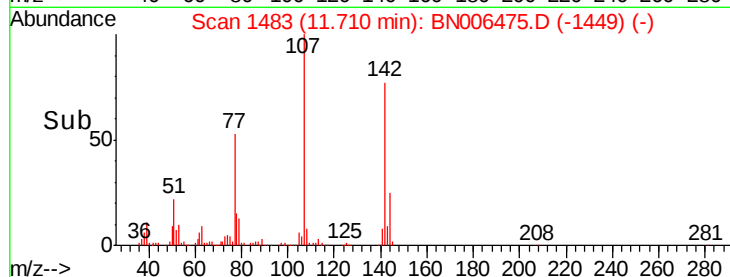
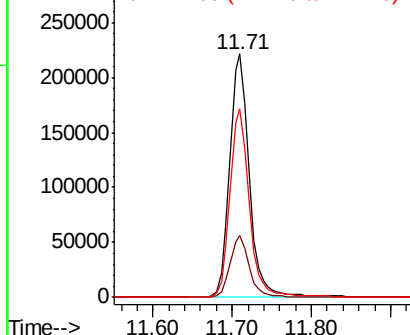


Abundance

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: 6.282 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

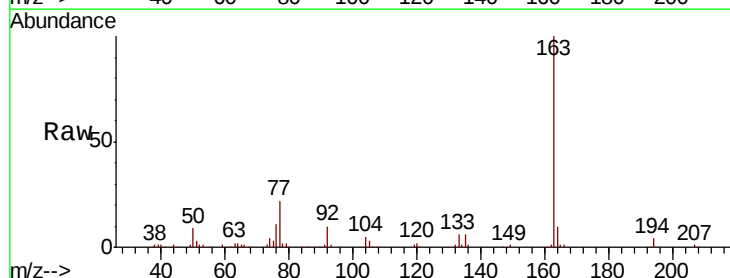
Tgt Ion:163 Resp: 351614

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 8.0 12.0

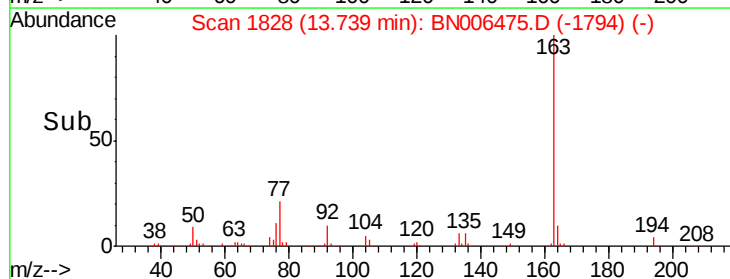
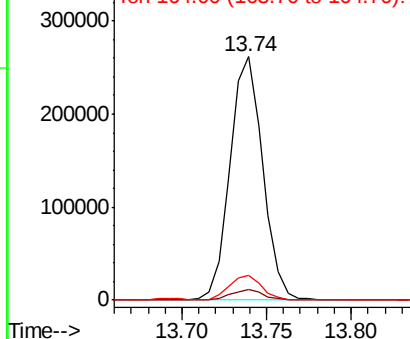


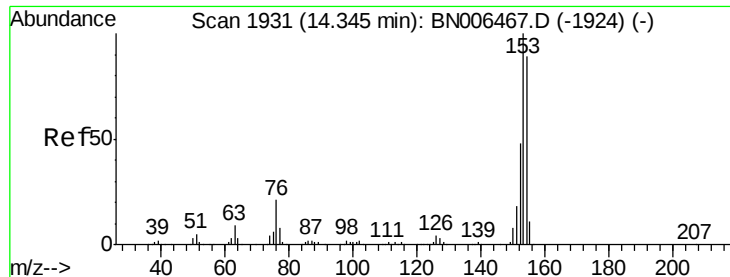
Abundance

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: 18.431 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_N

ClientSampleId :

A4216MSD

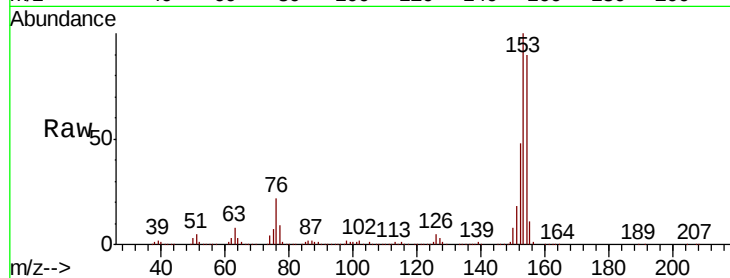
Tgt Ion:153 Resp: 866136

Ion Ratio Lower Upper

153 100

152 47.8 37.8 56.6

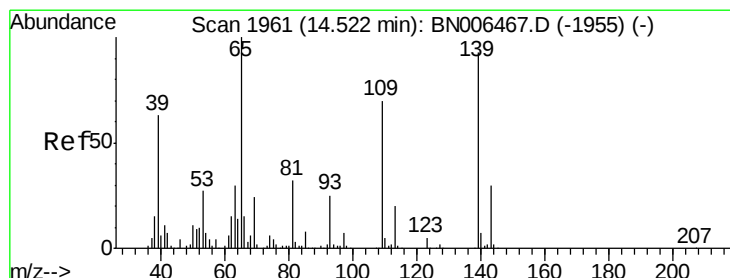
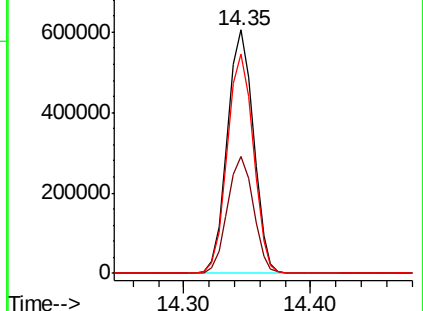
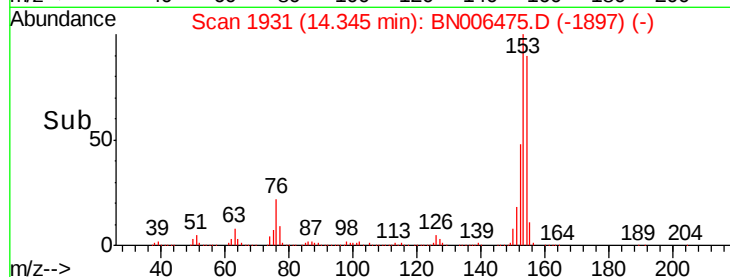
154 89.9 71.2 106.8



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: 15.929 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

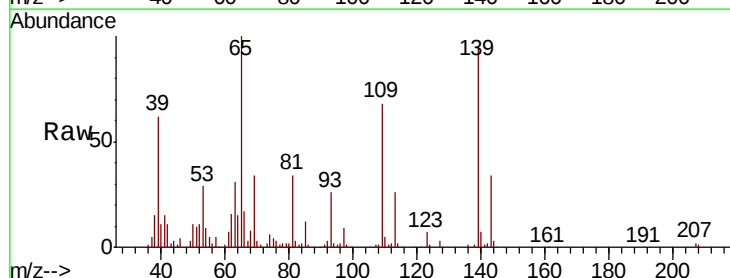
Tgt Ion:109 Resp: 115592

Ion Ratio Lower Upper

109 100

139 140.0 109.0 163.4

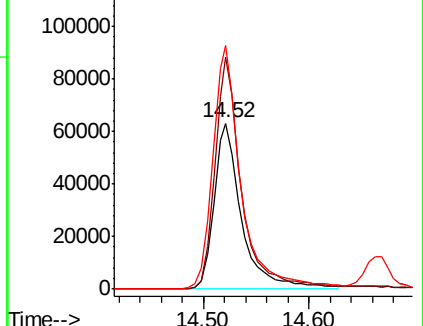
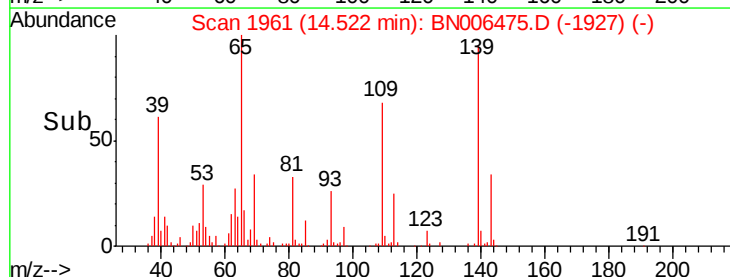
65 146.8 118.1 177.1

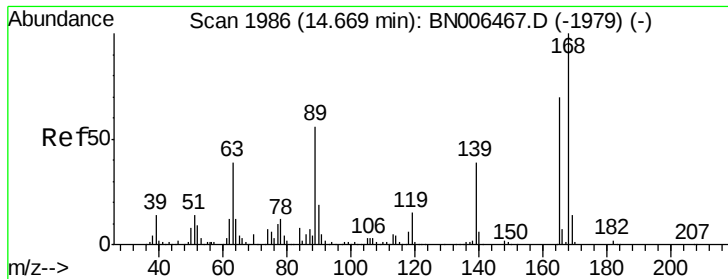


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

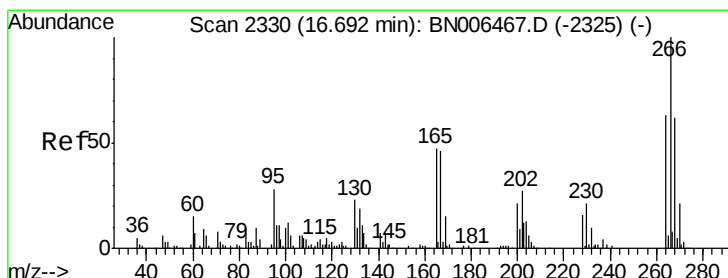
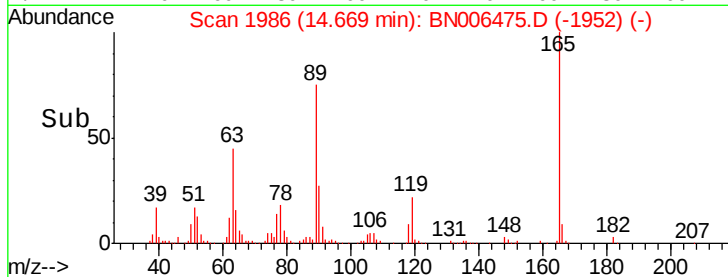
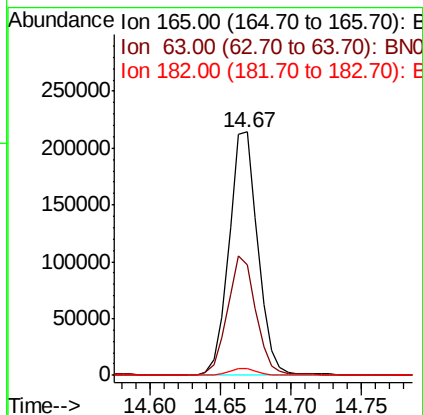
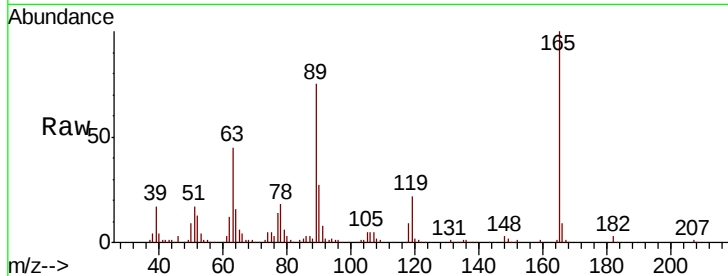




#54
 2,4-Dinitrotoluene
 Concen: 19.437 ng/ul
 RT: 14.67 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BN006475.D
 Acq: 21 Jun 2019 21:06

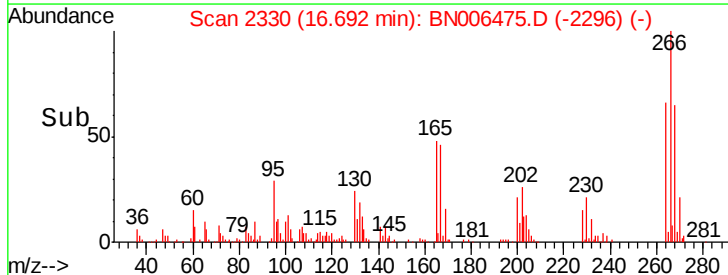
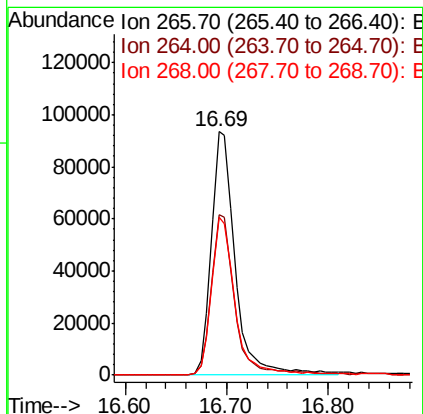
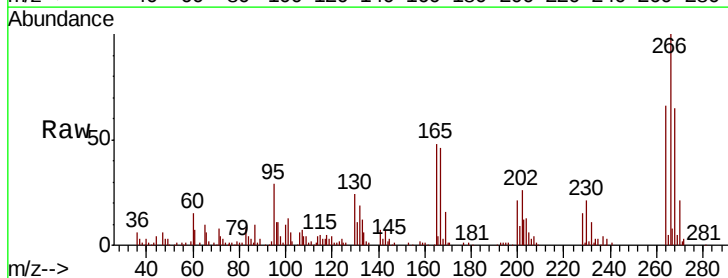
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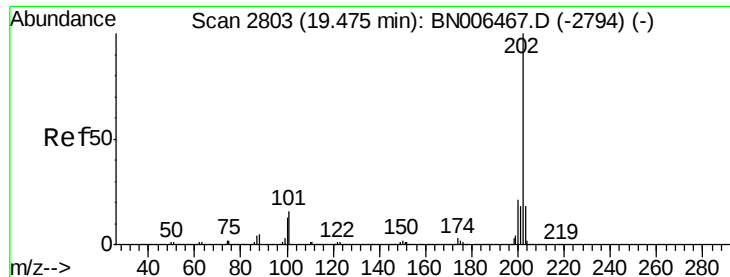
Tgt Ion:165 Resp: 305270
 Ion Ratio Lower Upper
 165 100
 63 45.2 41.7 62.5
 182 2.9 2.2 3.4



#68
 Pentachlorophenol
 Concen: 17.738 ng/ul
 RT: 16.69 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BN006475.D
 Acq: 21 Jun 2019 21:06

Tgt Ion:266 Resp: 153162
 Ion Ratio Lower Upper
 266 100
 264 65.8 47.8 71.6
 268 64.7 50.8 76.2





#79

Pyrene

Concen: 22.553 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_N

ClientSampleId :

A4216MSD

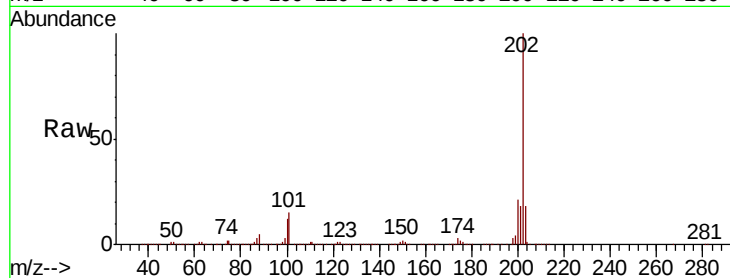
Tgt Ion:202 Resp: 2017949

Ion Ratio Lower Upper

202 100

101 14.7 12.2 18.4

100 12.1 9.8 14.6

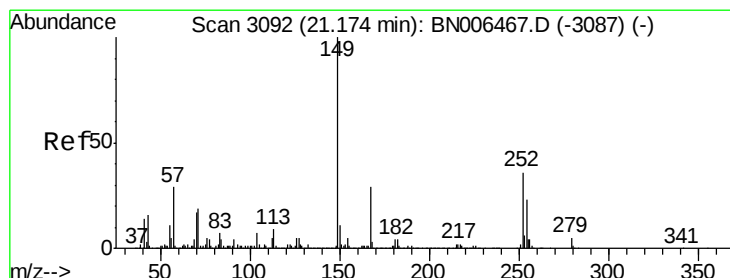
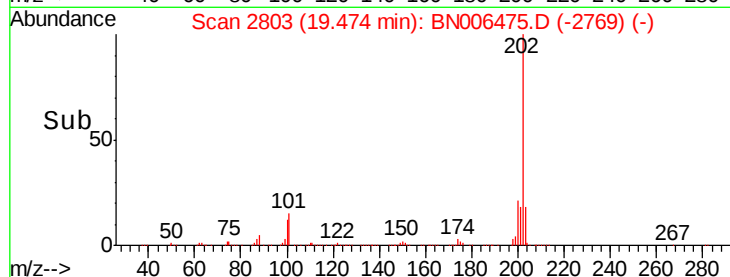
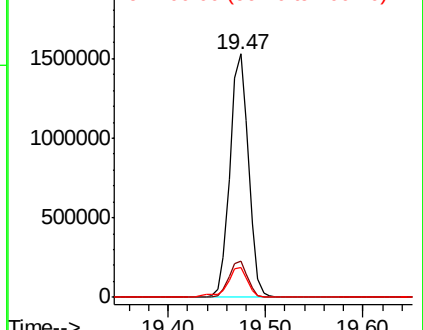


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.585 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BN006475.D

Acq: 21 Jun 2019 21:06

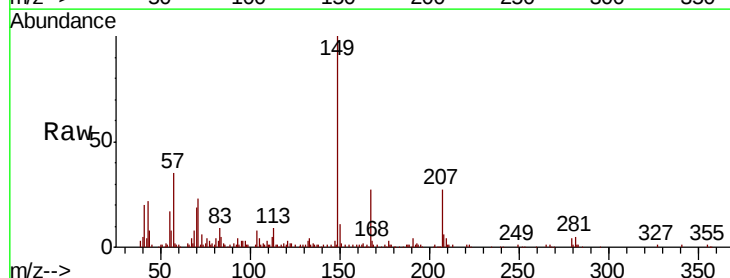
Tgt Ion:149 Resp: 91198

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 4.0 3.3 4.9



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

