

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006049.D
 Acq On : 03 Jun 2019 22:22
 Operator : JU/SJ
 Sample : K2925-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:27:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 03 14:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	407803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1783434	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1018096	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2027179	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1442334	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1545702	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	22665	2.59	ng/uL	0.00
5) Phenol-d5	6.89	99	424246	12.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	296985	15.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	377145	14.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	272943	10.12	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	193880	15.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	208033	14.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	347761	13.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	79018	2.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1173040	16.29	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1420337	15.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	80435	6.04	ng/ul	0.00
57) Fluorene-d10	15.38	176	980221	16.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	88274	8.99	ng/ul	-0.01
70) Anthracene-d10	17.23	188	1291570	15.20	ng/ul	0.00
78) Pyrene-d10	19.54	212	1266644	15.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	1024354	14.92	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.30	88	210	0.023	ng/uL# 1
4) Benzaldehyde	6.87	77	20265	0.884	ng/ul 98
6) Phenol	6.92	94	12826	0.373	ng/ul# 89
8) Bis(2-Chloroethyl)ether	7.17	93	3504	0.132	ng/ul# 22
11) 2-Methylphenol	8.03	108	1477	0.056	ng/ul# 5
14) Acetophenone	8.54	105	32539	0.815	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.42	70	7252	0.351	ng/ul# 1
16) 4-Methylphenol	8.49	108	252	0.009	ng/ul# 63
17) Hexachloroethane	8.91	117	1858	0.185	ng/ul# 8
20) Nitrobenzene	8.94	77	352	0.012	ng/ul# 39
21) Isophorone	9.44	82	2750	0.048	ng/ul# 42
24) 2,4-Dimethylphenol	9.85	107	236	0.008	ng/ul# 60
25) Bis(2-Chloroethoxy)methane	9.92	93	1320	0.036	ng/ul# 1
28) Naphthalene	10.57	128	3237	0.039	ng/ul# 72
32) Caprolactam	11.44	113	1150	0.123	ng/ul# 83
33) 4-Chloro-3-methylphenol	11.81	107	249	0.009	ng/ul# 20
34) 2-Methylnaphthalene	12.18	142	2192	0.037	ng/ul 89
40) 1,1'-Biphenyl	13.20	154	1134	0.015	ng/ul# 43
42) 2-Nitroaniline	13.38	65	306	0.017	ng/ul# 34
44) Dimethylphthalate	13.83	163	316288	4.437	ng/ul 100
45) 2,6-Dinitrotoluene	13.86	165	113	0.008	ng/ul# 33
47) Acenaphthylene	14.10	152	13685	0.150	ng/ul# 91
49) Acenaphthene	14.44	153	4790	0.078	ng/ul# 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

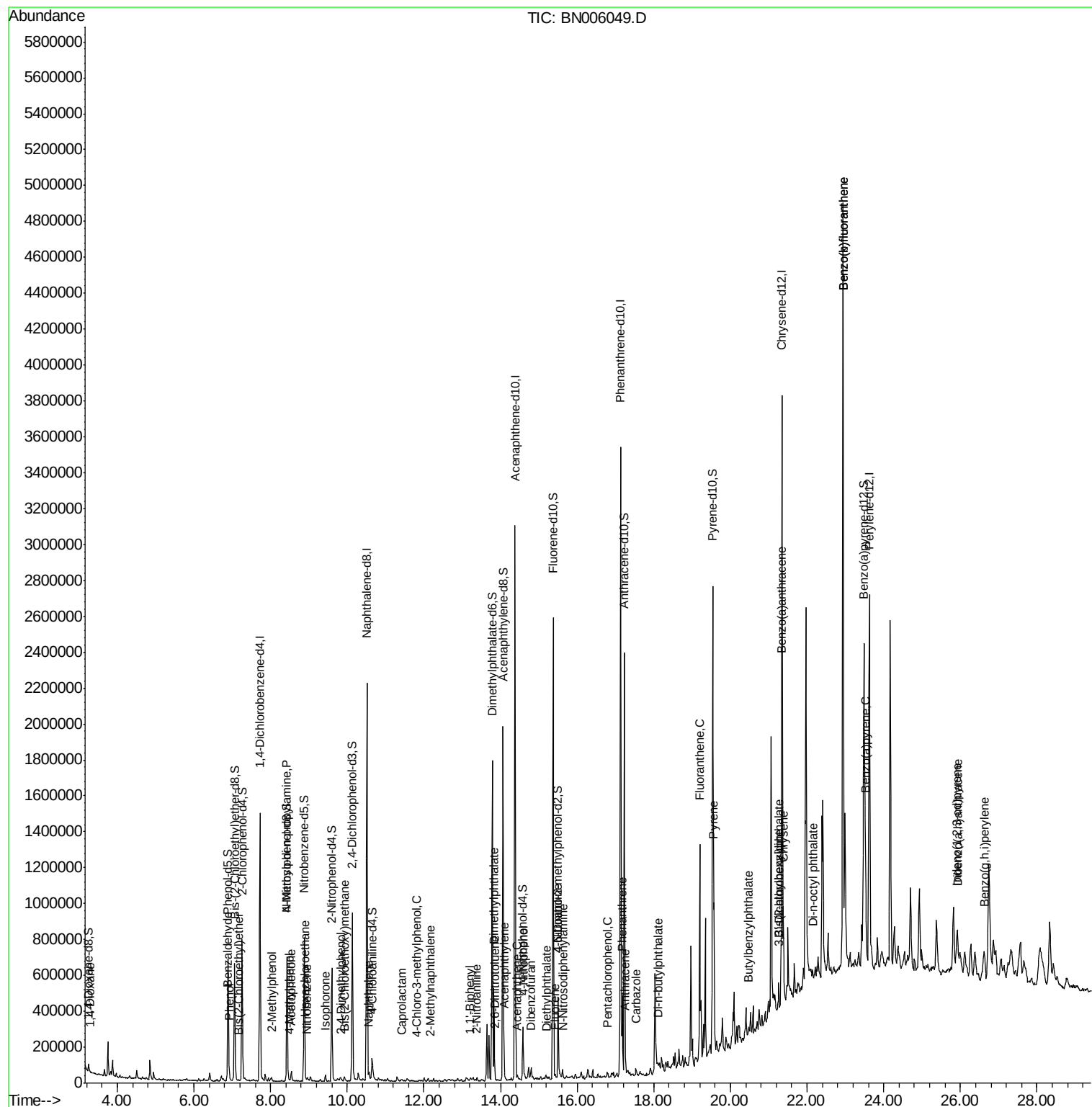
52) 4-Nitrophenol	14.60	109	2073	0.206	ng/ul#	34
53) Dibenzofuran	14.78	168	6579	0.076	ng/ul	99
56) Diethylphthalate	15.20	149	3476	0.049	ng/ul#	92
58) Fluorene	15.43	166	8438	0.125	ng/ul	97
60) 4-Nitroaniline	15.51	138	993	0.056	ng/ul#	1
64) N-Nitrosodiphenylamine	15.64	169	382	0.007	ng/ul#	27
68) Pentachlorophenol	16.79	266	298	0.025	ng/ul#	55
69) Phenanthrene	17.18	178	257882	2.622	ng/ul	100
71) Anthracene	17.26	178	34124	0.342	ng/ul	98
74) Carbazole	17.54	167	27359	0.318	ng/ul	99
75) Di-n-butylphthalate	18.11	149	14863	0.135	ng/ul#	89
76) Fluoranthene	19.20	202	669632	6.995	ng/ul	98
79) Pyrene	19.56	202	523403	5.035	ng/ul	100
80) Butylbenzylphthalate	20.48	149	5120	0.109	ng/ul#	66
81) 3,3'-Dichlorobenzidine	21.28	252	723	0.026	ng/ul#	73
82) Benzo(a)anthracene	21.33	228	220358	2.473	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	43521	0.673	ng/ul	98
84) Chrysene	21.38	228	286672	3.400	ng/ul	98
86) Di-n-octyl phthalate	22.15	149	2515	0.024	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	384652	4.512	ng/ul#	86
88) Benzo(k)fluoranthene	22.95	252	384652	4.656	ng/ul#	86
90) Benzo(a)pyrene	23.53	252	211564	2.610	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.92	276	179350	1.922	ng/ul	96
92) Dibenzo(a,h)anthracene	25.93	278	39792	0.506	ng/ul#	80
93) Benzo(g,h,i)perylene	26.62	276	156362	2.036	ng/ul	97

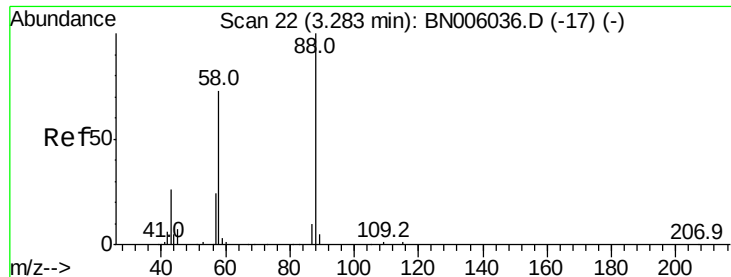
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.023 ng/uL

RT: 3.30 min Scan# 25

Delta R.T. 0.02 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

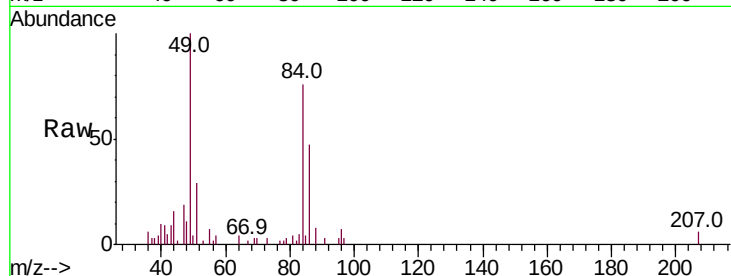
Tot Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

43 105.7 23.3 34.9#

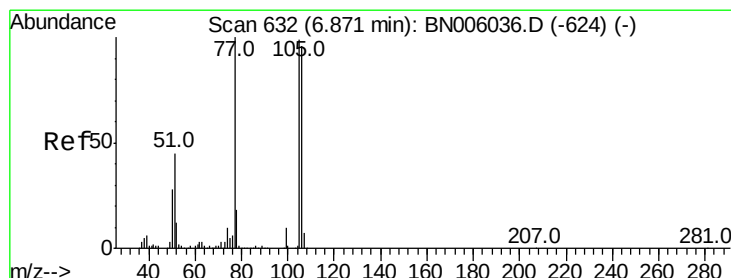
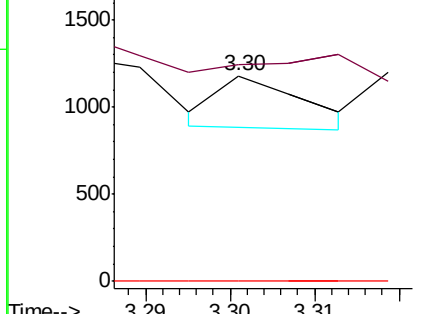
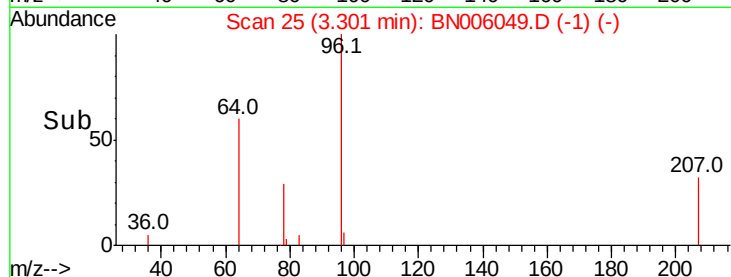
58 0.0 59.0 88.4#



Abundance Ion 88.00 (87.70 to 88.70): BN006036.D (-17) (-)

Ion 43.00 (42.70 to 43.70): BN006036.D (-17) (-)

Ion 58.00 (57.70 to 58.70): BN006036.D (-17) (-)



#4

Benzaldehyde

Concen: 0.884 ng/uL

RT: 6.87 min Scan# 632

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

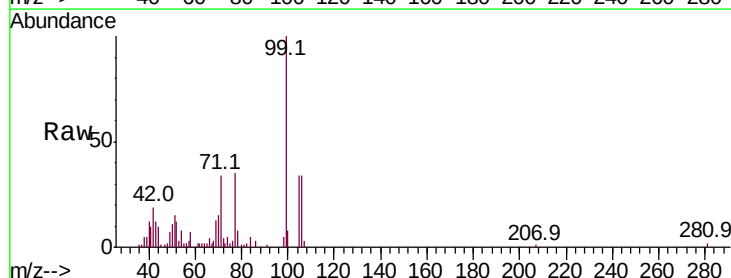
Tgt Ion: 77 Resp: 20265

Ion Ratio Lower Upper

77 100

105 97.5 79.4 119.2

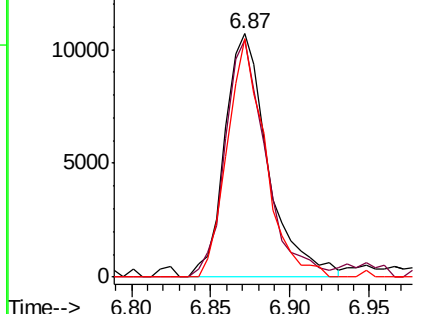
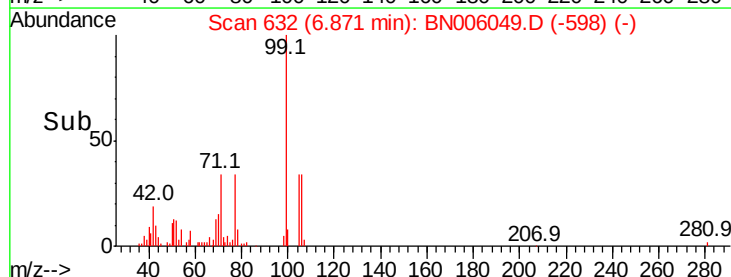
106 98.0 76.7 115.1

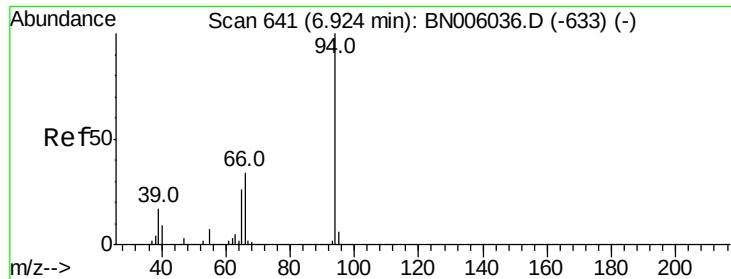


Abundance Ion 77.00 (76.70 to 77.70): BN006036.D (-624) (-)

Ion 105.00 (104.70 to 105.70): BN006036.D (-624) (-)

Ion 106.00 (105.70 to 106.70): BN006036.D (-624) (-)





#6

Phenol

Concen: 0.373 ng/ul

RT: 6.92 min Scan# 641

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

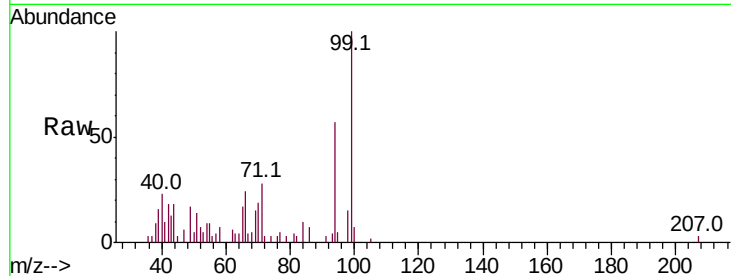
Tot Ion: 94 Resp: 12826

Ion Ratio Lower Upper

94 100

65 30.5 21.1 31.7

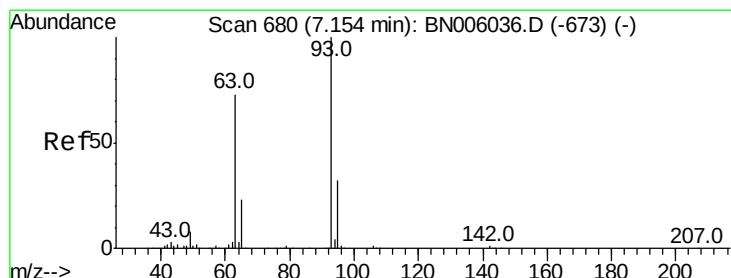
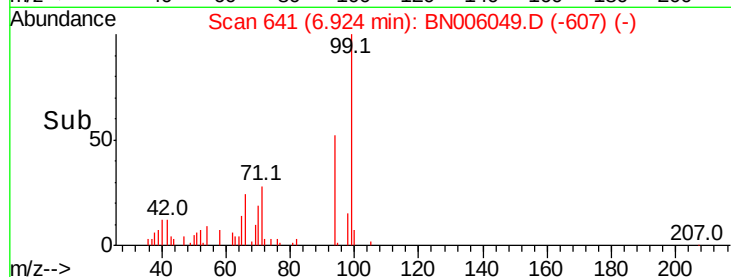
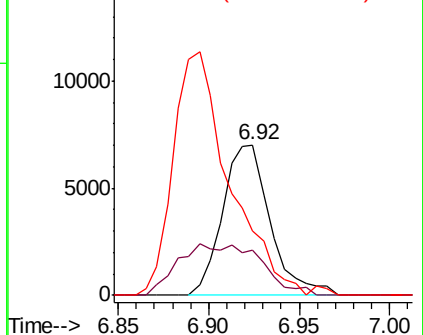
66 43.1 28.2 42.2#



Abundance Ion 94.00 (93.70 to 94.70): BN006036.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BN006036.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BN006036.D (-633) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 0.132 ng/ul

RT: 7.17 min Scan# 682

Delta R.T. 0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

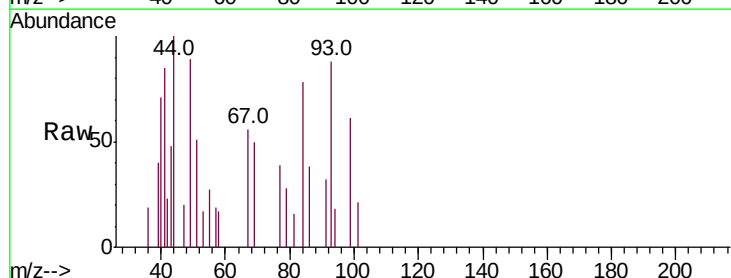
Tgt Ion: 93 Resp: 3504

Ion Ratio Lower Upper

93 100

63 0.0 58.5 87.7#

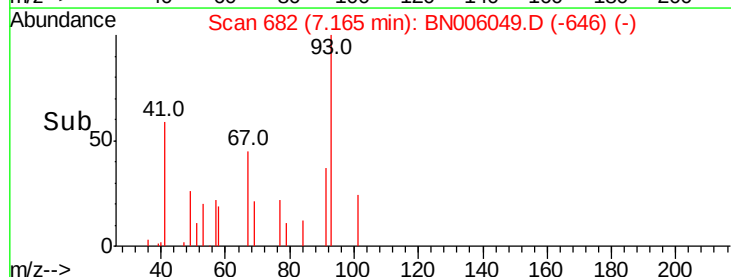
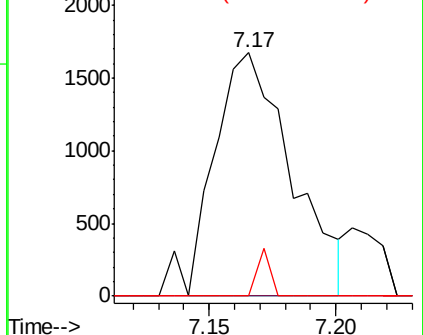
95 0.0 25.7 38.5#

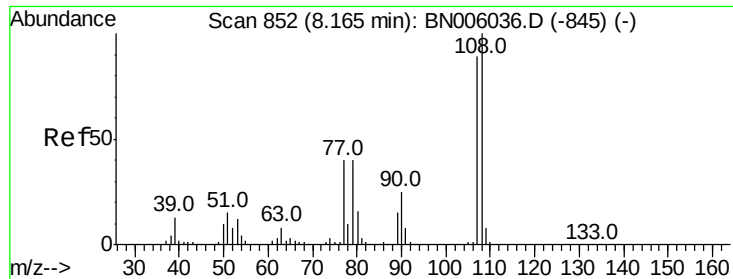


Abundance Ion 93.00 (92.70 to 93.70): BN006036.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BN006036.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BN006036.D (-673) (-)





#11

2-Methylphenol

Concen: 0.056 ng/ul

RT: 8.03 min Scan# 829

Delta R.T. -0.14 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

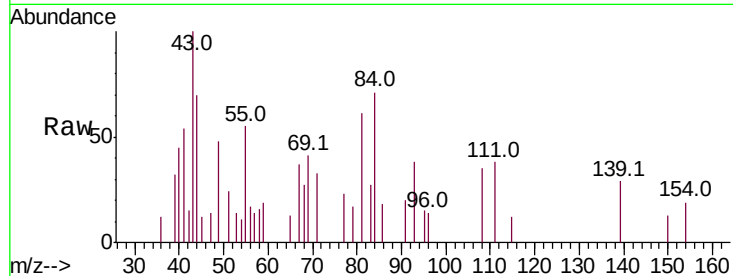
ClientSampleId :

Tot Ion:108 Resp: 1477

Ion Ratio Lower Upper

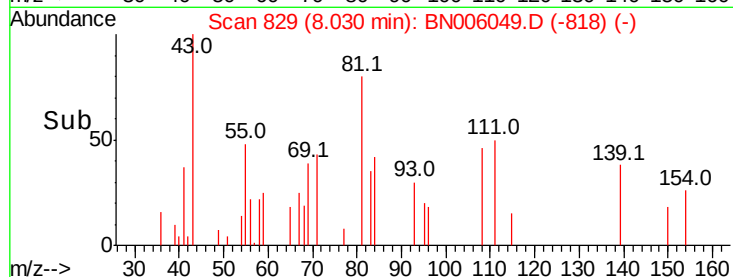
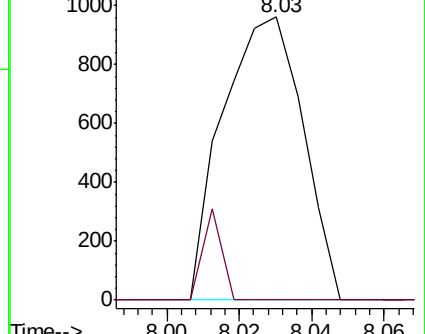
108 100

107 0.0 71.5 107.3#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#14

Acetophenone

Concen: 0.815 ng/ul

RT: 8.54 min Scan# 916

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

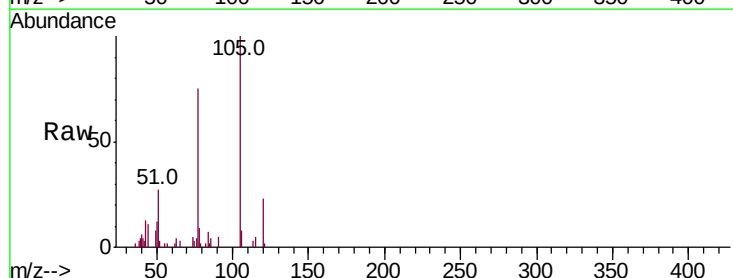
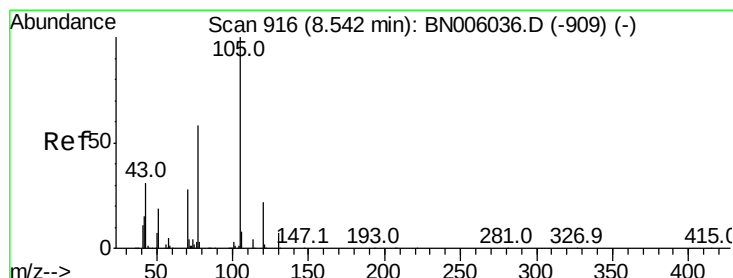
Tgt Ion:105 Resp: 32539

Ion Ratio Lower Upper

105 100

77 74.6 62.6 93.8

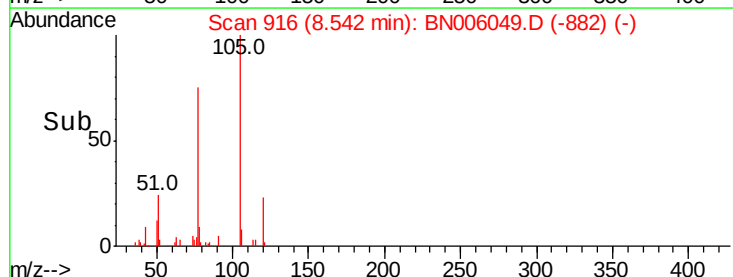
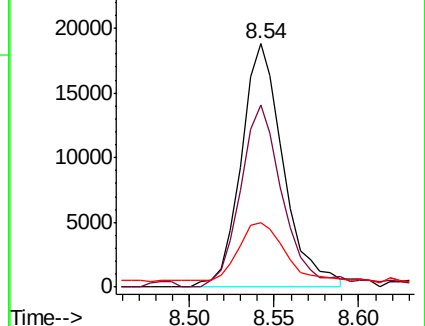
51 26.7 21.2 31.8

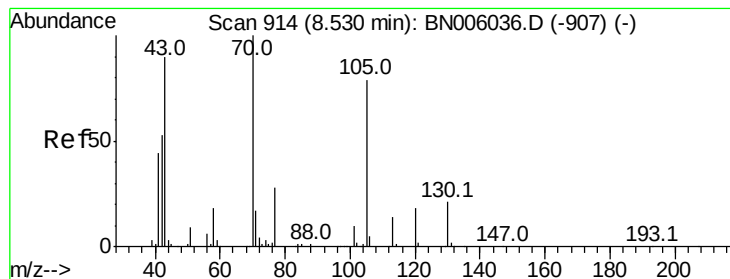


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC





#15

N-Nitroso-di-n-propylamine

Concen: 0.351 ng/ul

RT: 8.42 min Scan# 896

Delta R.T. -0.11 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 7252

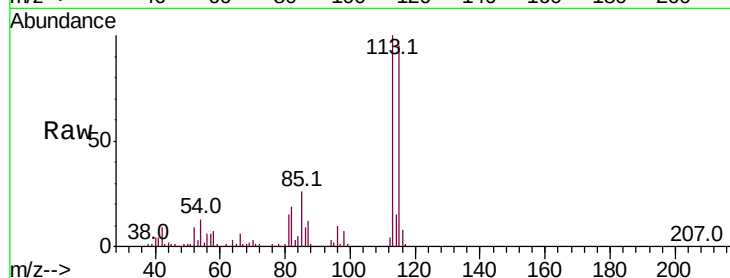
Ion Ratio Lower Upper

70 100

42 344.8 43.3 64.9#

101 0.0 7.8 11.8#

130 0.0 16.9 25.3#

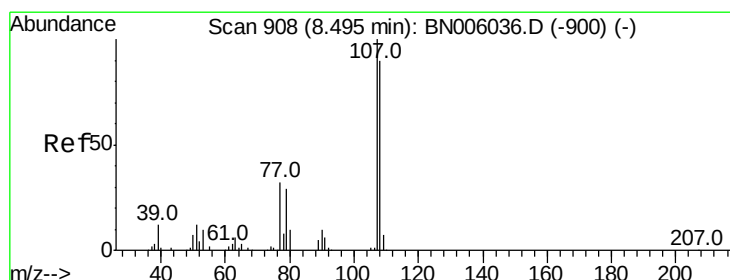
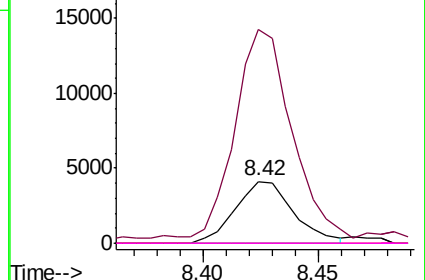
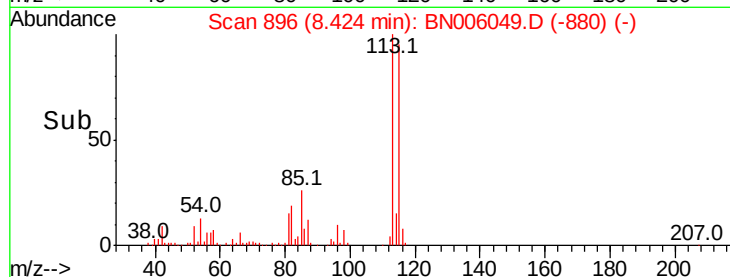


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 0.009 ng/ul

RT: 8.49 min Scan# 907

Delta R.T. -0.01 min

Lab File: BN006049.D

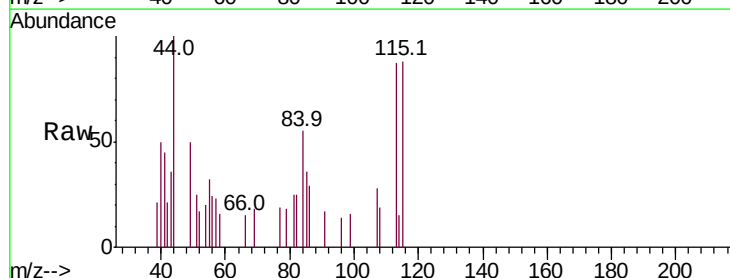
Acq: 03 Jun 2019 22:22

Tgt Ion: 108 Resp: 252

Ion Ratio Lower Upper

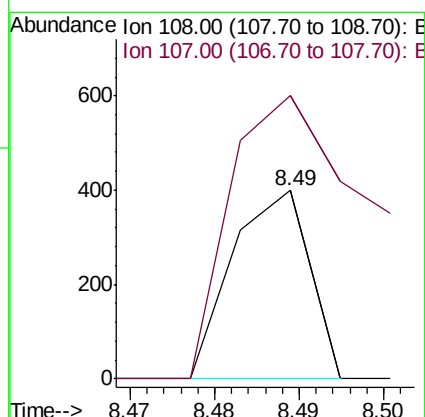
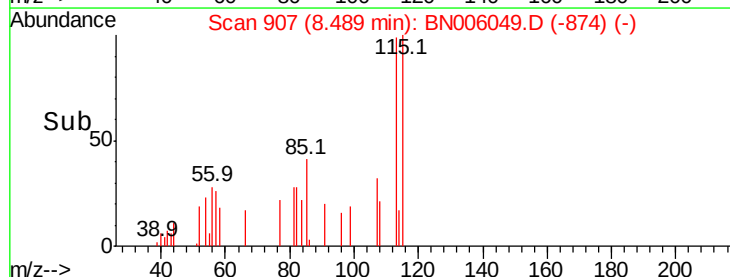
108 100

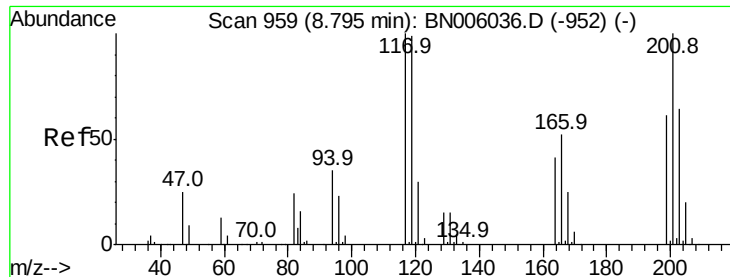
107 150.4 89.2 133.8#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 0.185 ng/ul

RT: 8.91 min Scan# 978

Delta R.T. 0.11 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

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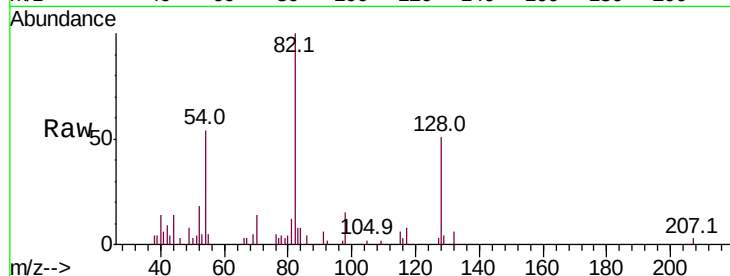
Tot Ion:117 Resp: 1858

Ion Ratio Lower Upper

117 100

201 0.0 80.0 120.0#

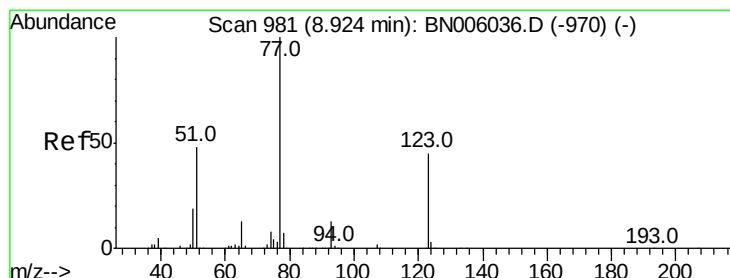
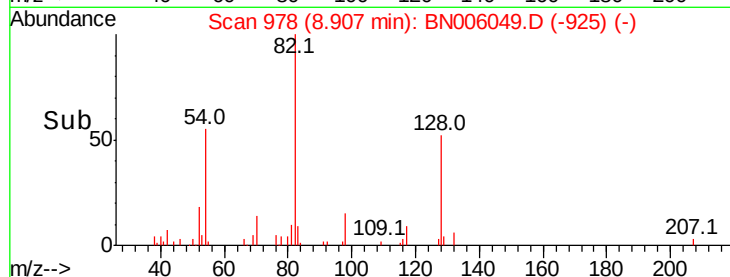
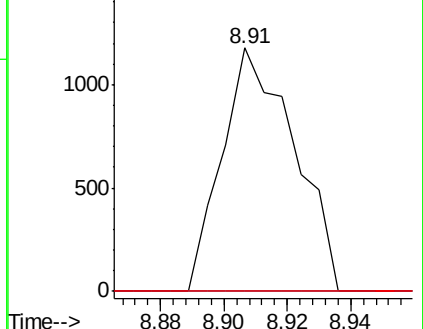
199 0.0 48.7 73.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 0.012 ng/ul

RT: 8.94 min Scan# 983

Delta R.T. 0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

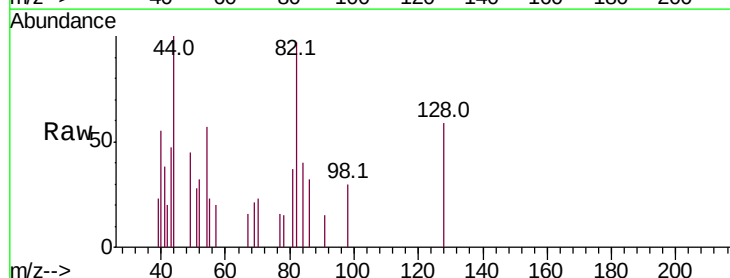
Tgt Ion: 77 Resp: 352

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

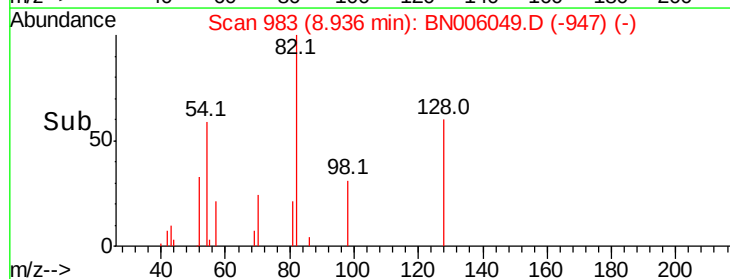
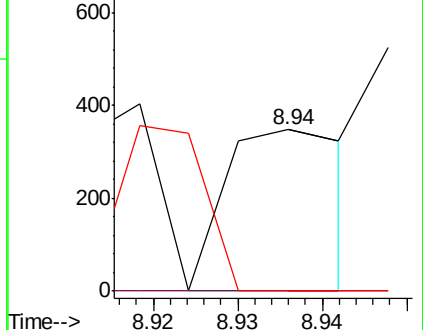
65 0.0 10.7 16.1#

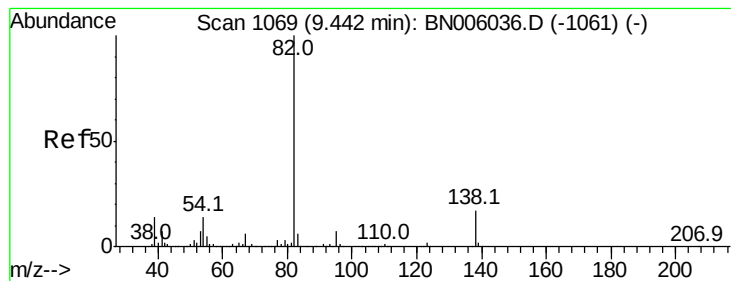


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 0.048 ng/ul

RT: 9.44 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

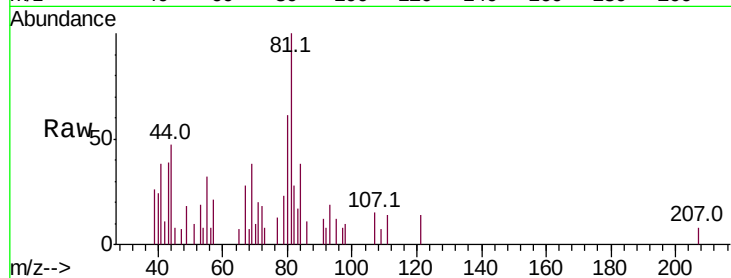
Tot Ion: 82 Resp: 2750

Ion Ratio Lower Upper

82 100

95 42.8 5.7 8.5#

138 0.0 13.8 20.6#

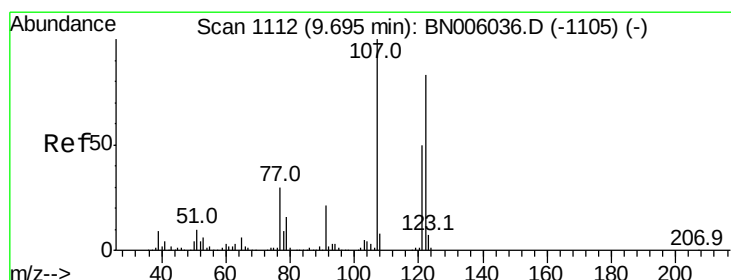
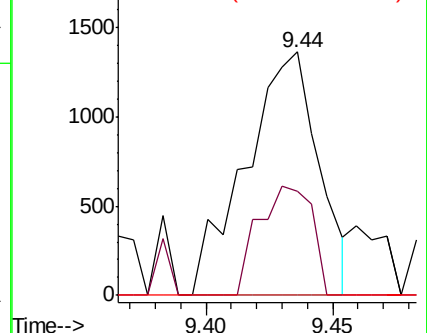
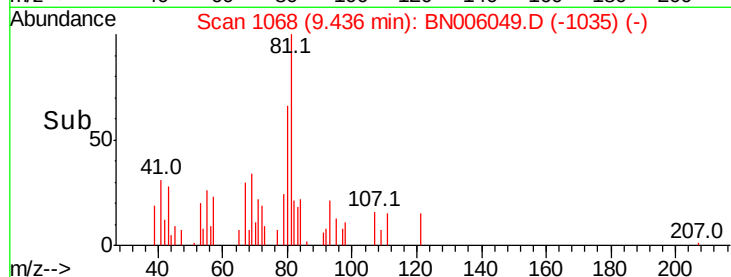


Abundance Ion 82.00 (81.70 to 82.70): BN006036.D (-1061) (-)

Ion 95.00 (94.70 to 95.70): BN006049.D (-1035) (-)

Ion 138.00 (137.70 to 138.70): BN006049.D (-1035) (-)

Time-->



#24

2,4-Dimethylphenol

Concen: 0.008 ng/ul

RT: 9.85 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

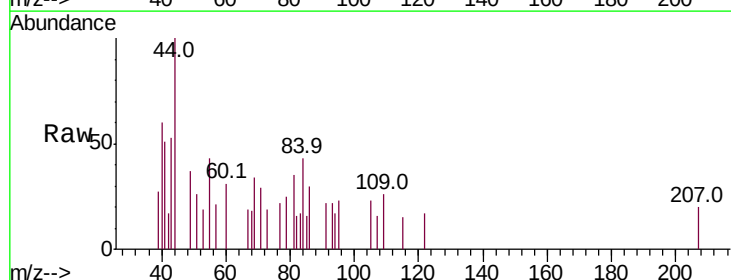
Tgt Ion: 107 Resp: 236

Ion Ratio Lower Upper

107 100

121 0.0 40.0 60.0#

122 102.3 66.7 100.1#

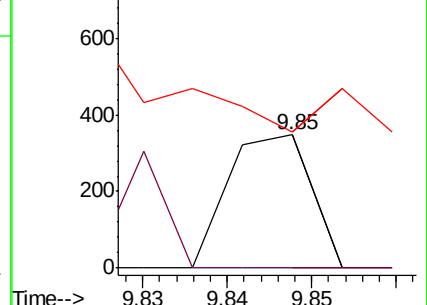
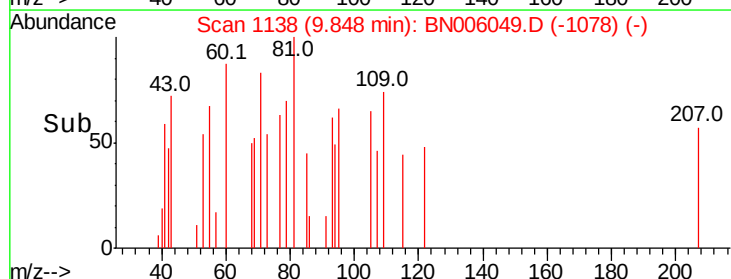


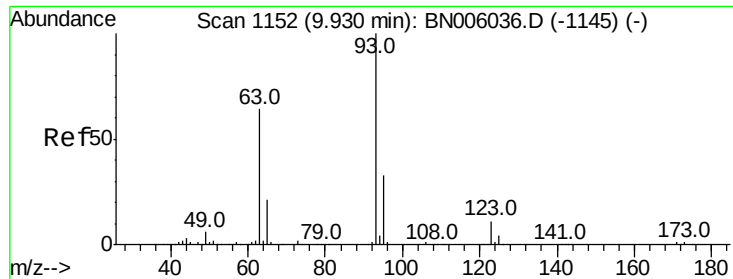
Abundance Ion 107.00 (106.70 to 107.70): BN006036.D (-1105) (-)

Ion 121.00 (120.70 to 121.70): BN006049.D (-1078) (-)

Ion 122.00 (121.70 to 122.70): BN006049.D (-1078) (-)

Time-->





#25

Bis(2-Chloroethoxy)methane

Concen: 0.036 ng/ul

RT: 9.92 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampled :

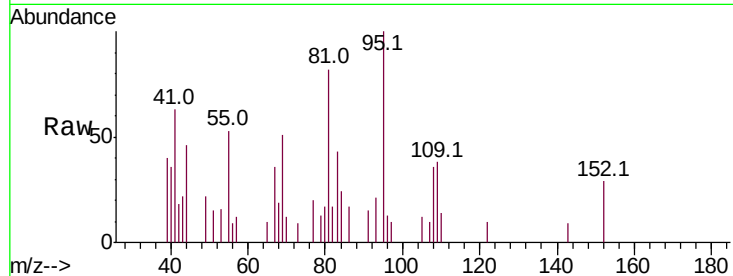
Tot Ion: 93 Resp: 1320

Ion Ratio Lower Upper

93 100

95 466.2 26.2 39.4#

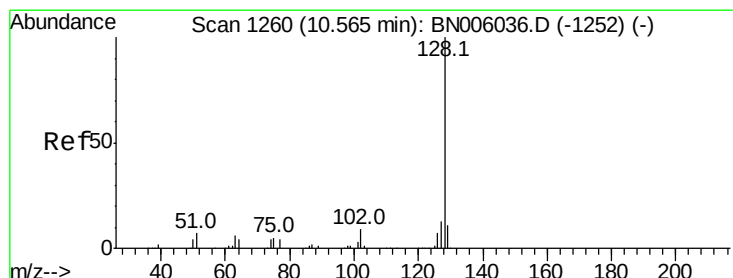
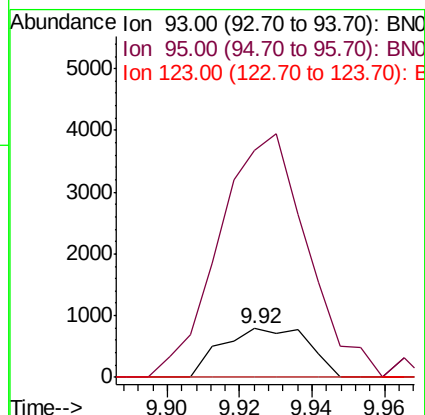
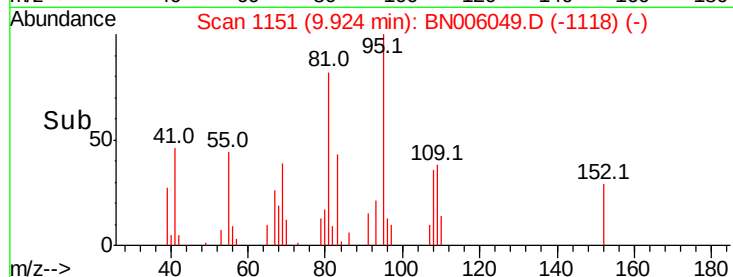
123 0.0 9.1 13.7#



Abundance Ion 93.00 (92.70 to 93.70): BN006036.D (-1145) (-)

Ion 95.00 (94.70 to 95.70): BN006036.D (-1145) (-)

Ion 123.00 (122.70 to 123.70): BN006036.D (-1145) (-)



#28

Naphthalene

Concen: 0.039 ng/ul

RT: 10.57 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

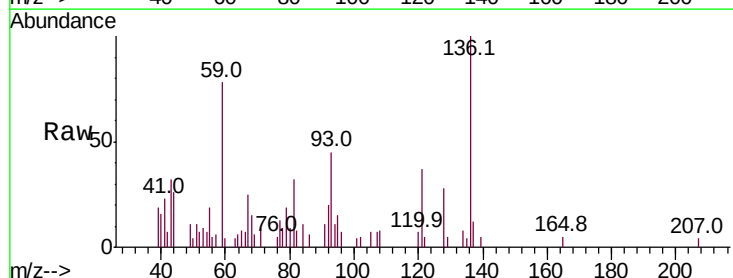
Tgt Ion:128 Resp: 3237

Ion Ratio Lower Upper

128 100

129 19.4 8.8 13.2#

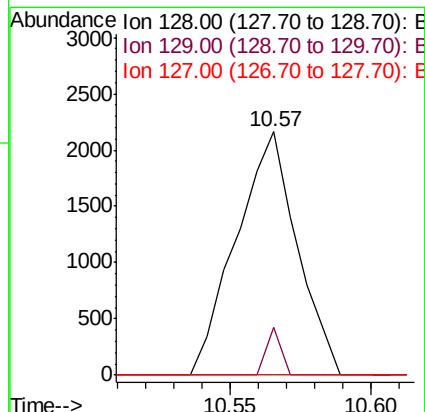
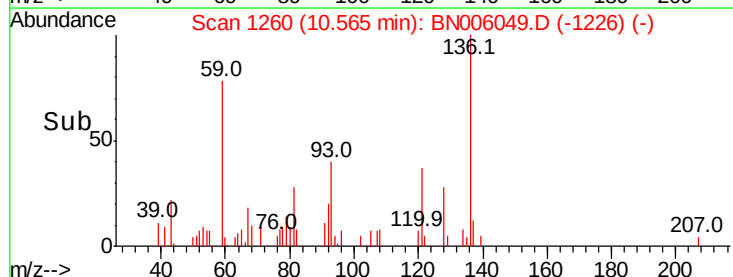
127 0.0 10.6 16.0#

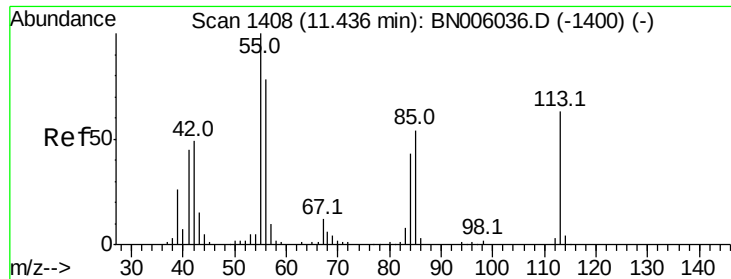


Abundance Ion 128.00 (127.70 to 128.70): BN006036.D (-1252) (-)

Ion 129.00 (128.70 to 129.70): BN006036.D (-1252) (-)

Ion 127.00 (126.70 to 127.70): BN006036.D (-1252) (-)





#32

Caprolactam

Concen: 0.123 ng/ul

RT: 11.44 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampled :

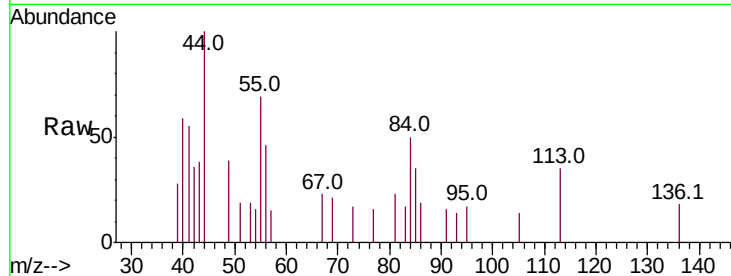
Tot Ion:113 Resp: 1150

Ion Ratio Lower Upper

113 100

55 194.1 127.4 191.0#

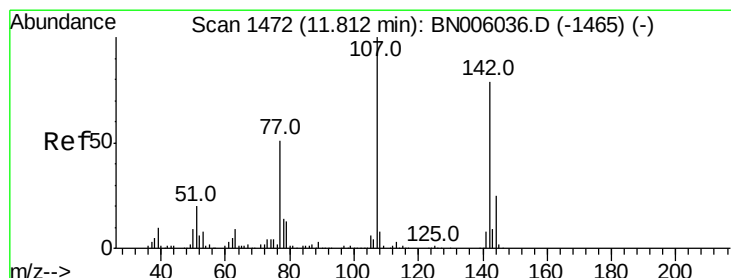
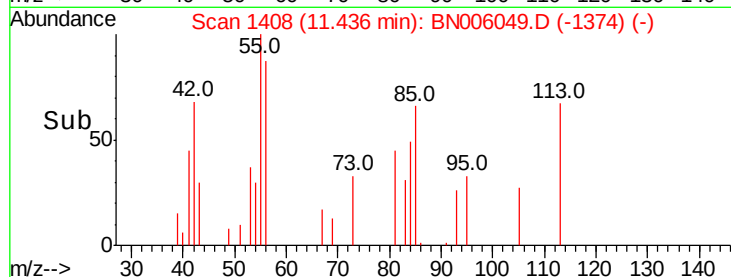
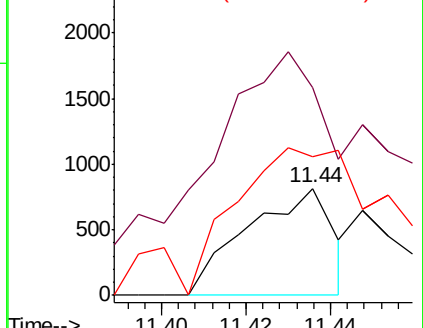
56 129.3 98.9 148.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 0.009 ng/ul

RT: 11.81 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

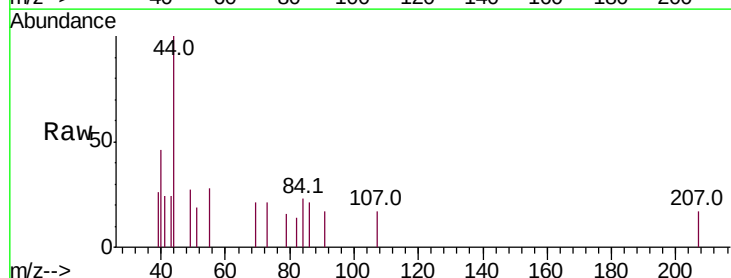
Tgt Ion:107 Resp: 249

Ion Ratio Lower Upper

107 100

144 0.0 20.0 30.0#

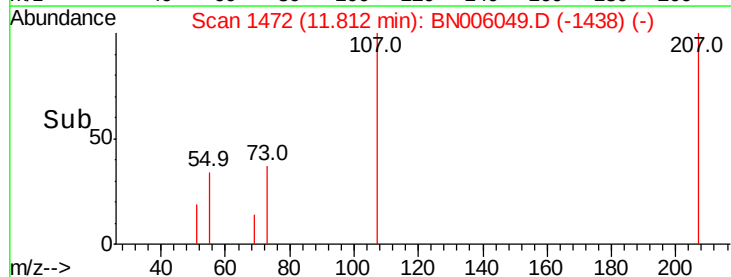
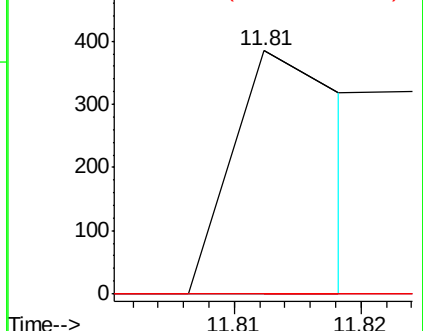
142 0.0 63.1 94.7#

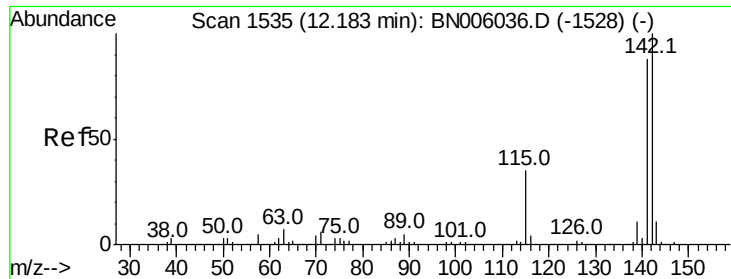


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 0.037 ng/ul

RT: 12.18 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

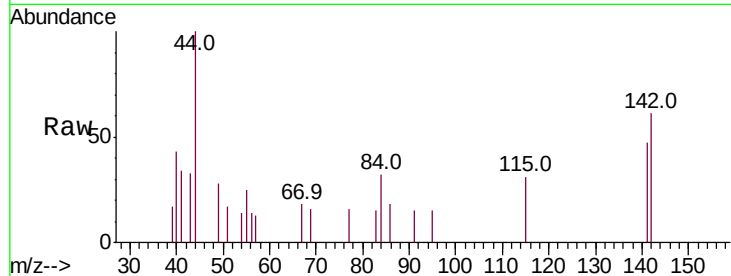
ClientSampleId :

Tot Ion:142 Resp: 2192

Ion Ratio Lower Upper

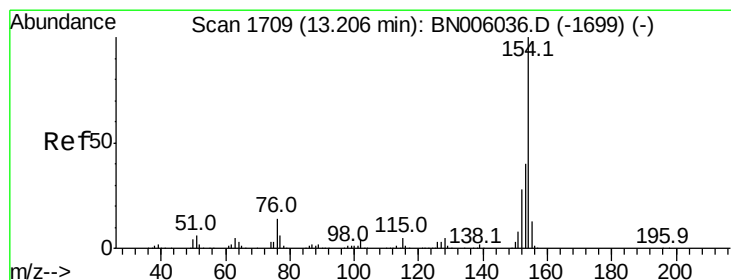
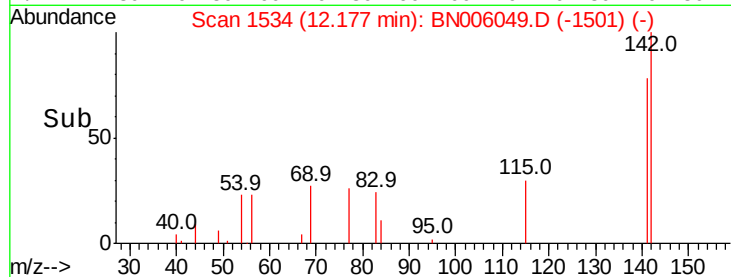
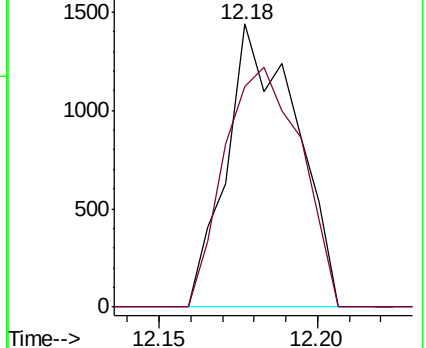
142 100

141 77.9 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 0.015 ng/ul

RT: 13.20 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

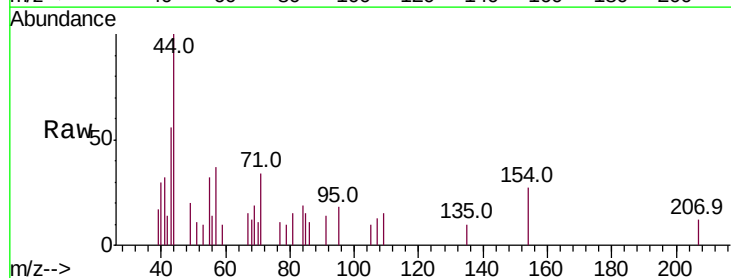
Tgt Ion:154 Resp: 1134

Ion Ratio Lower Upper

154 100

153 0.0 32.3 48.5#

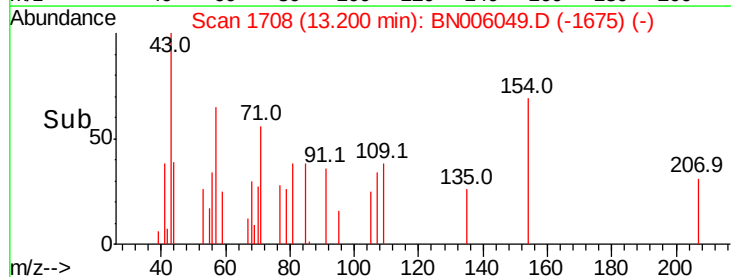
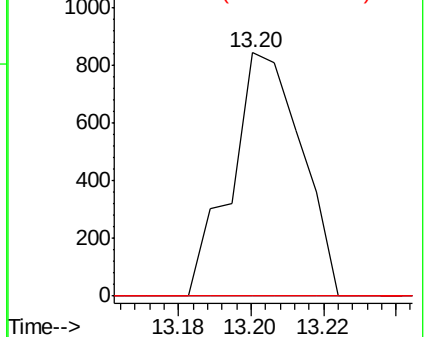
76 0.0 11.0 16.6#

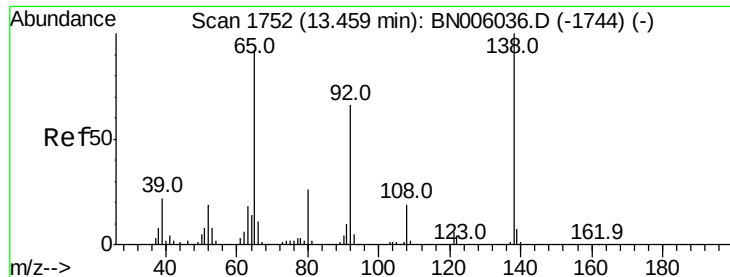


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC





#42

2-Nitroaniline

Concen: 0.017 ng/ul

RT: 13.38 min Scan# 1739

Delta R.T. -0.08 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampled :

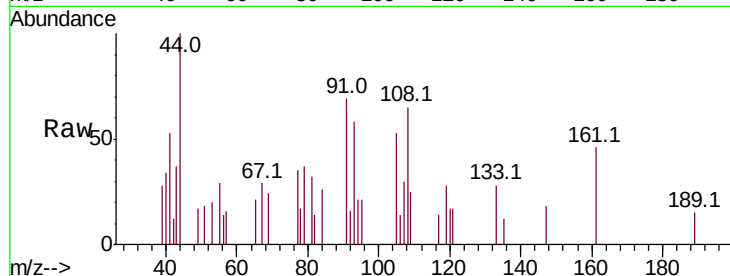
Tot Ion: 65 Resp: 306

Ion Ratio Lower Upper

65 100

92 78.2 57.5 86.3

138 0.0 87.2 130.8#

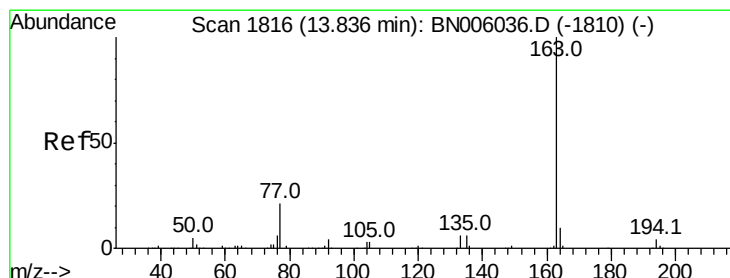
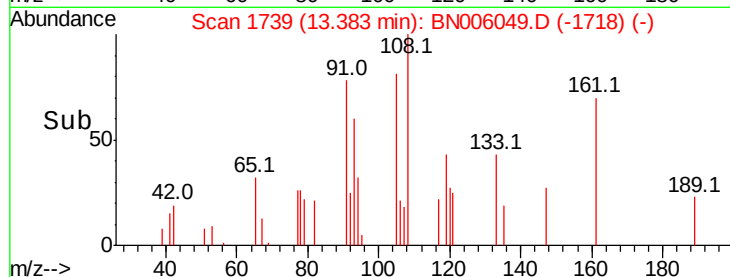


Abundance Ion 65.00 (64.70 to 65.70): BN006036.D (-1744) (-)

Ion 92.00 (91.70 to 92.70): BN006036.D (-1744) (-)

Ion 138.00 (137.70 to 138.70): BN006036.D (-1744) (-)

Time-->



#44

Dimethylphthalate

Concen: 4.437 ng/ul

RT: 13.83 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

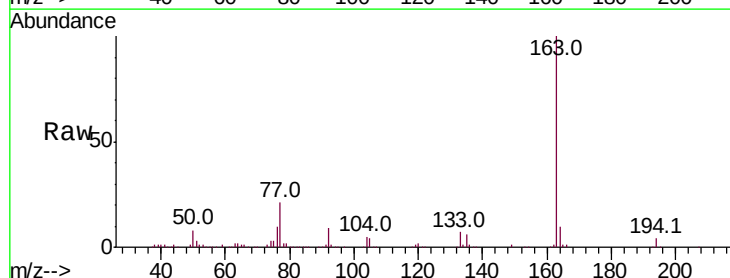
Tgt Ion:163 Resp: 316288

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.5 8.2 12.4

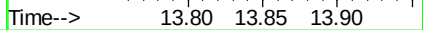
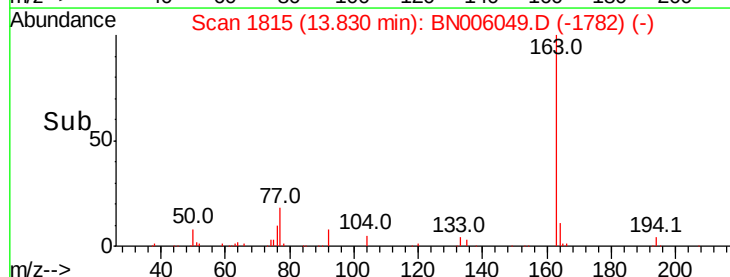


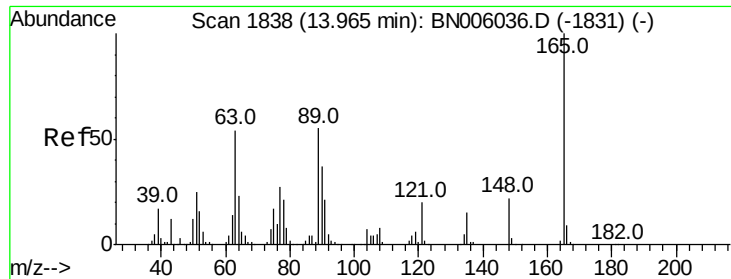
Abundance Ion 163.00 (162.70 to 163.70): BN006036.D (-1810) (-)

Ion 194.00 (193.70 to 194.70): BN006036.D (-1810) (-)

Ion 164.00 (163.70 to 164.70): BN006036.D (-1810) (-)

Time-->

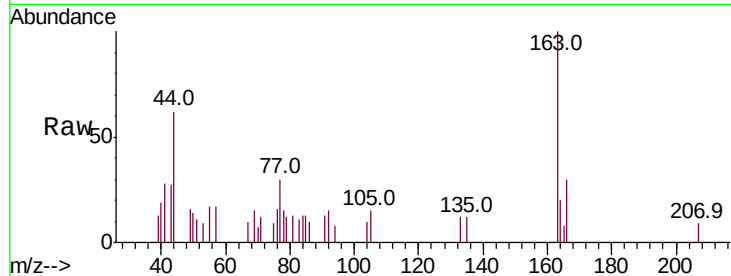




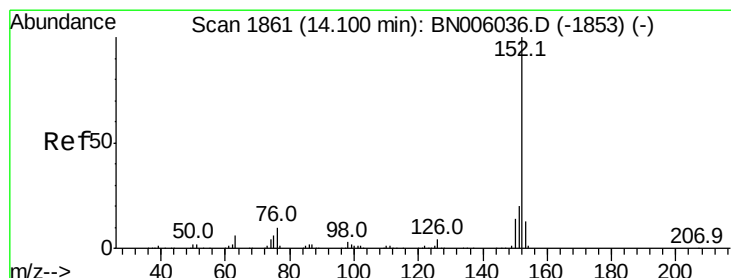
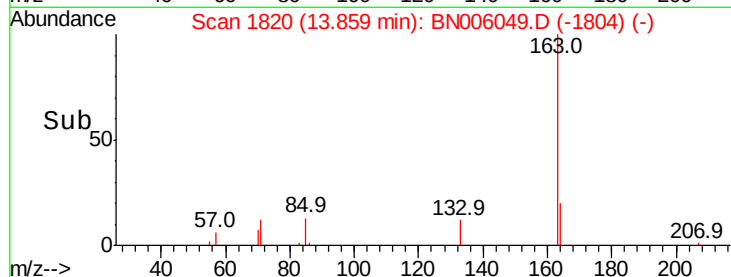
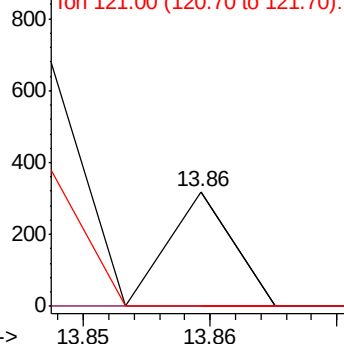
#45
 2,6-Dinitrotoluene
 Concen: 0.008 ng/ul
 RT: 13.86 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: BN006049.D
 Acq: 03 Jun 2019 22:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	44.2	66.2#
121	0.0	15.6	23.4#

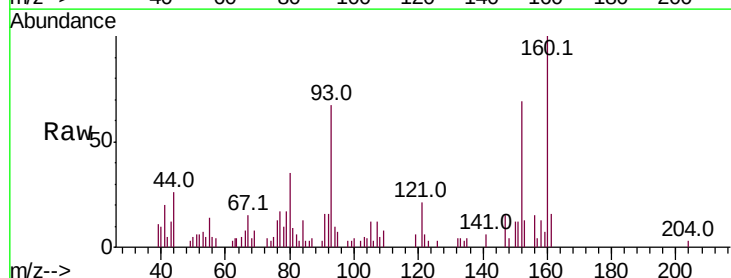


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BN
 Ion 121.00 (120.70 to 121.70): E

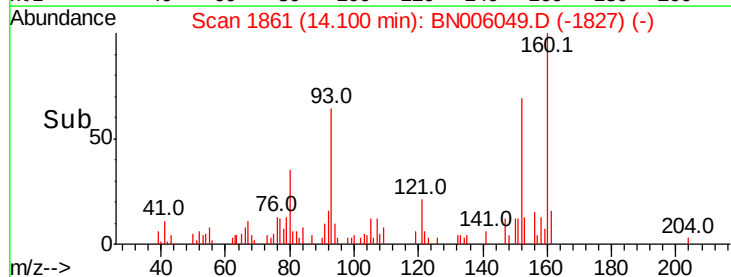
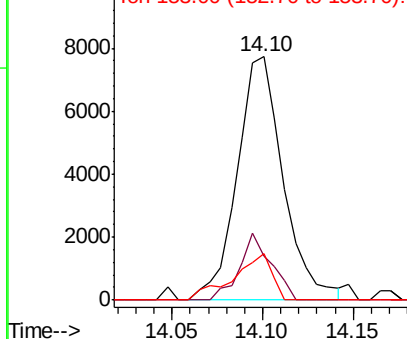


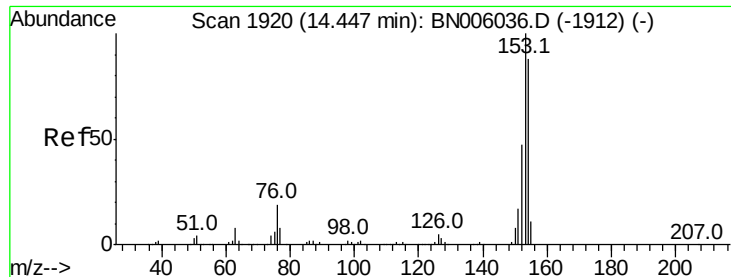
#47
 Acenaphthylene
 Concen: 0.150 ng/ul
 RT: 14.10 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: BN006049.D
 Acq: 03 Jun 2019 22:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.2	24.2
153	19.1	10.5	15.7#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 0.078 ng/ul

RT: 14.44 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampled :

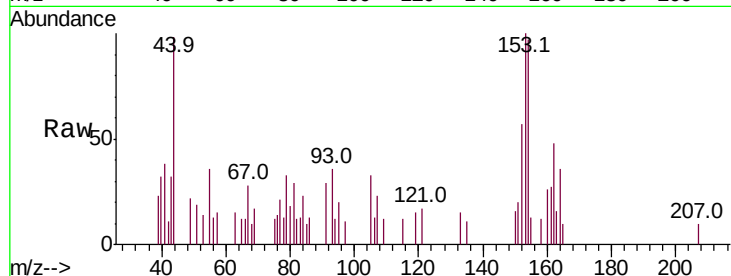
Tot Ion:153 Resp: 4790

Ion Ratio Lower Upper

153 100

152 57.4 37.4 56.2#

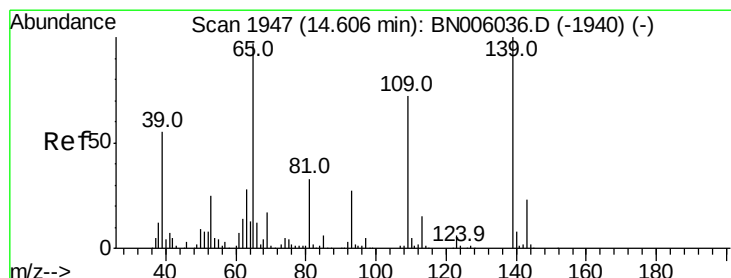
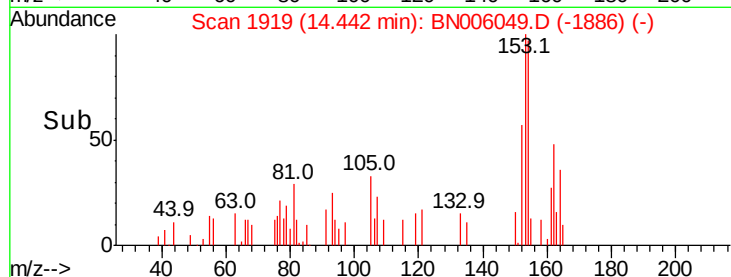
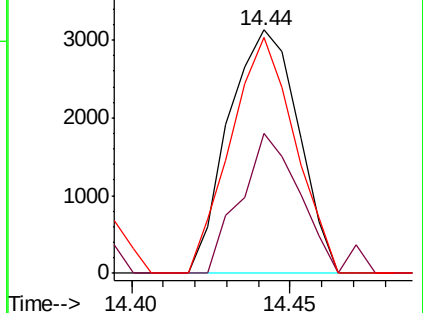
154 96.9 70.7 106.1



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: 0.206 ng/ul

RT: 14.60 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

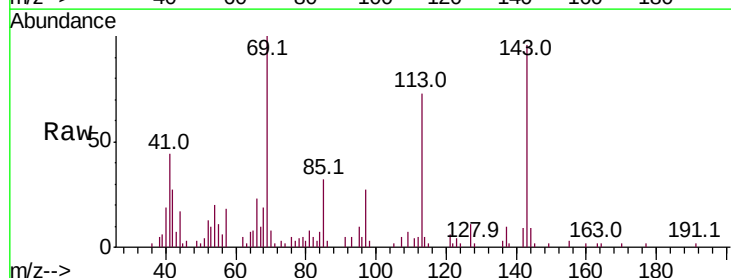
Tgt Ion:109 Resp: 2073

Ion Ratio Lower Upper

109 100

139 0.0 111.8 167.6#

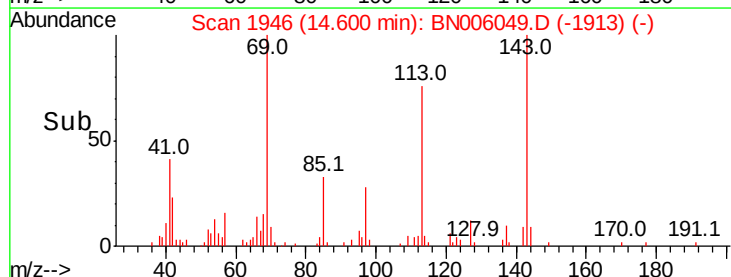
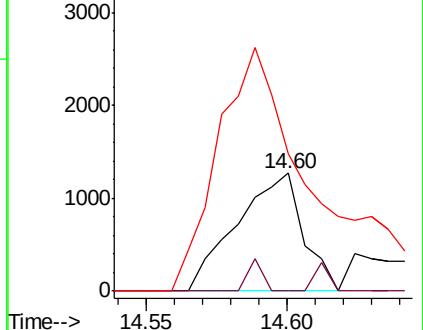
65 116.3 108.5 162.7

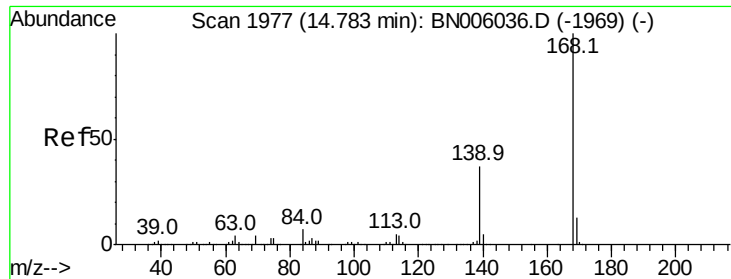


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC





#53

Dibenzenofuran

Concen: 0.076 ng/ul

RT: 14.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

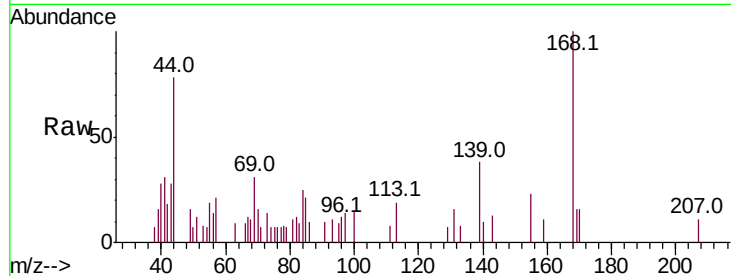
ClientSampled :

Tot Ion:168 Resp: 6579

Ion Ratio Lower Upper

168 100

139 37.8 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.78

4000

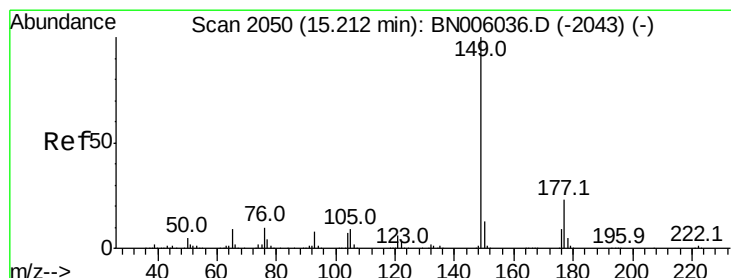
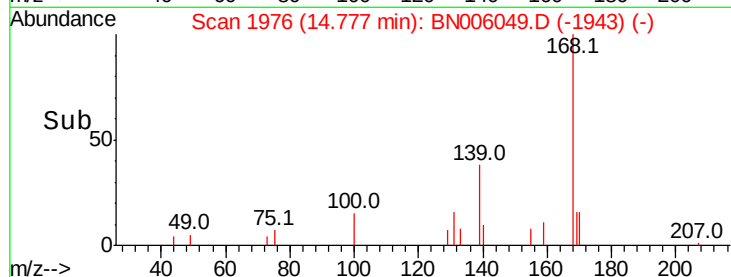
3000

2000

1000

0

Time-->



#56

Diethylphthalate

Concen: 0.049 ng/ul

RT: 15.20 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

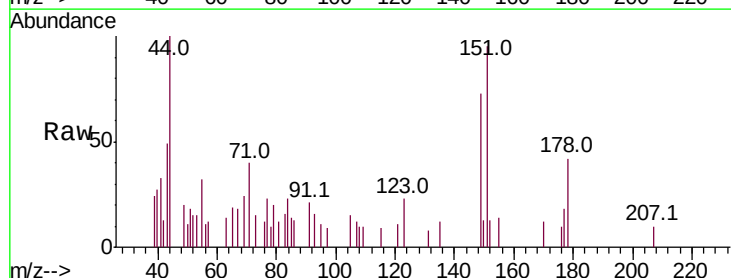
Tgt Ion:149 Resp: 3476

Ion Ratio Lower Upper

149 100

177 25.2 18.4 27.6

150 17.8 10.1 15.1#



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

15.20

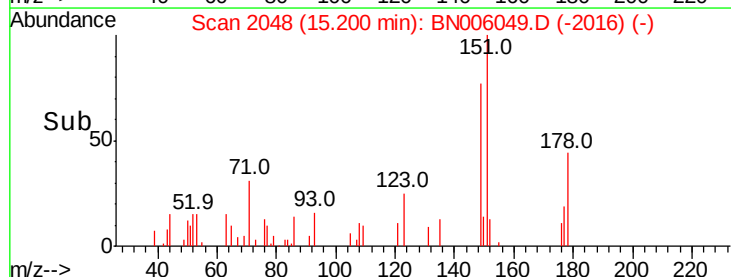
3000

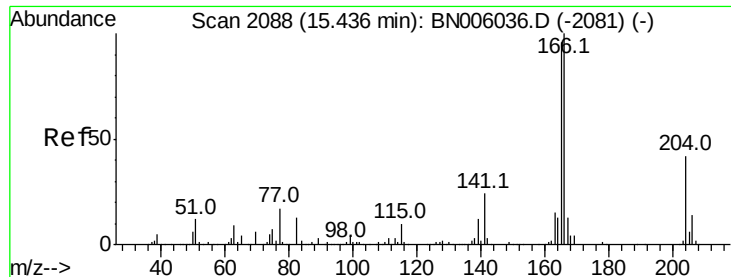
2000

1000

0

Time-->





#58

Fluorene

Concen: 0.125 ng/ul

RT: 15.43 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

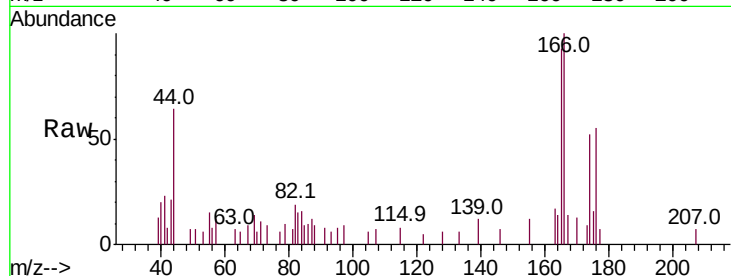
Tot Ion:166 Resp: 8438

Ion Ratio Lower Upper

166 100

165 92.7 76.6 115.0

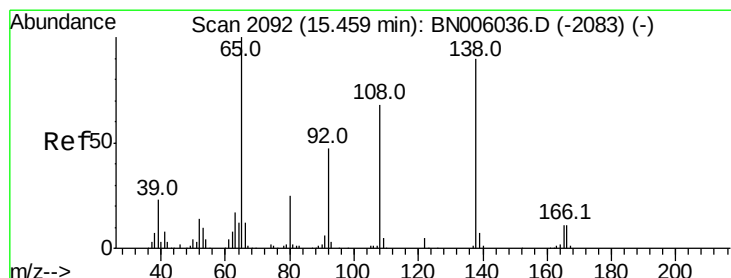
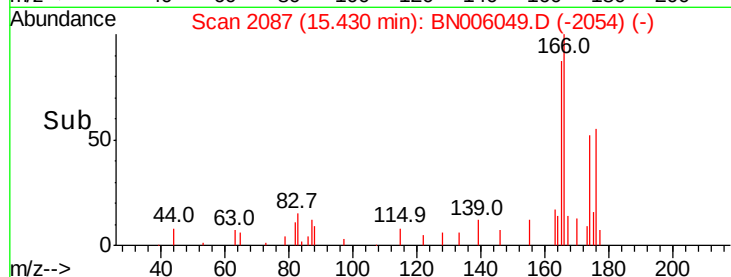
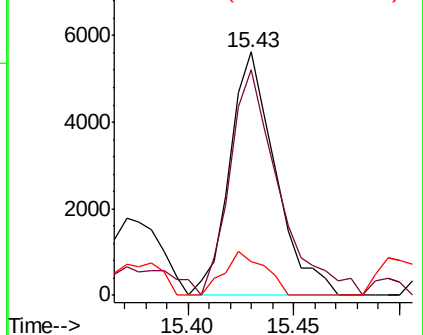
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Nitroaniline

Concen: 0.056 ng/ul

RT: 15.51 min Scan# 2100

Delta R.T. 0.05 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

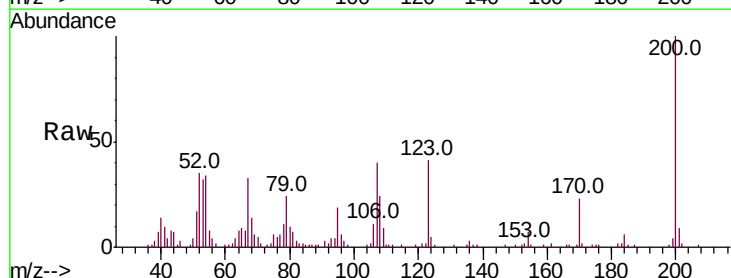
Tgt Ion:138 Resp: 993

Ion Ratio Lower Upper

138 100

92 189.9 41.7 62.5#

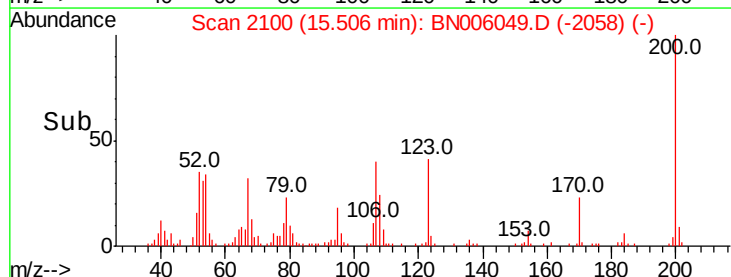
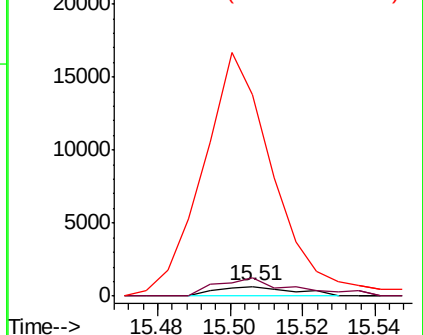
108 2081.8 61.0 91.6#

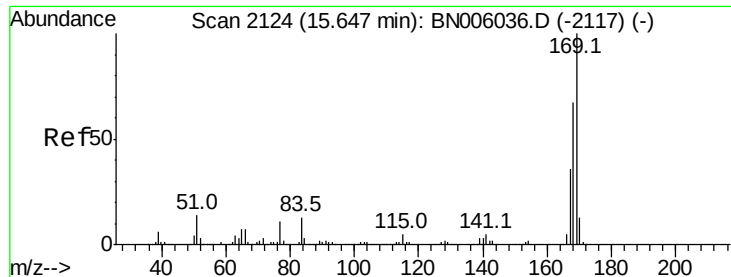


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

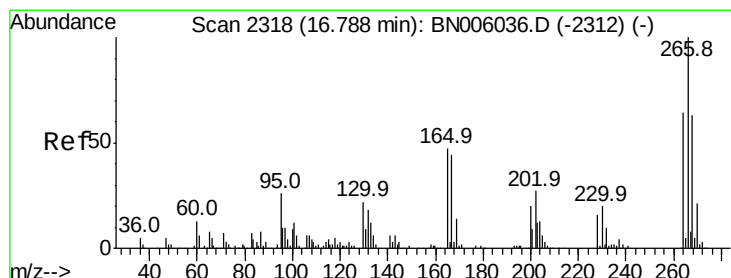
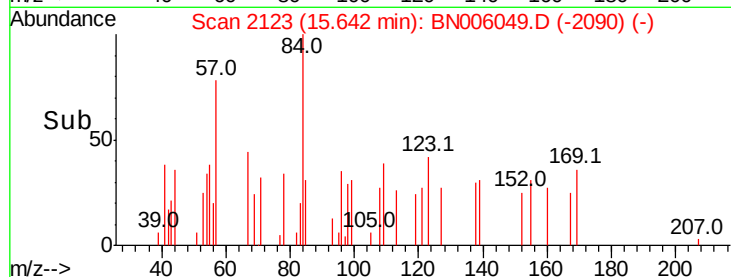
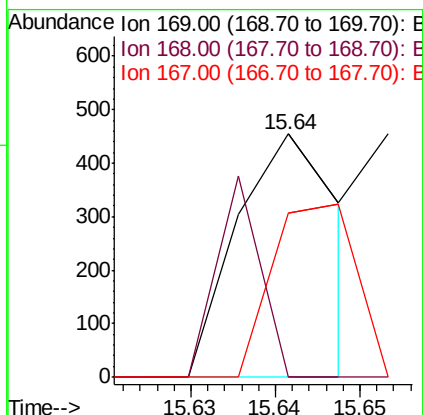
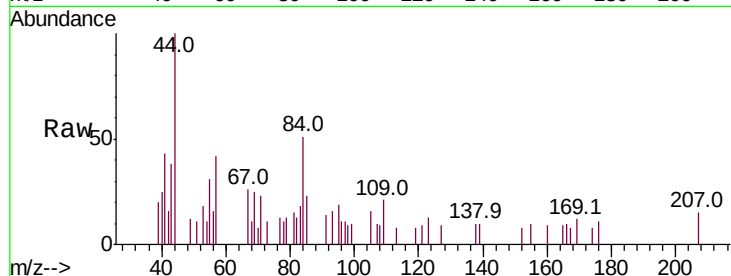




#64
N-Nitrosodiphenylamine
Concen: 0.007 ng/ul
RT: 15.64 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BN006049.D
Acq: 03 Jun 2019 22:22

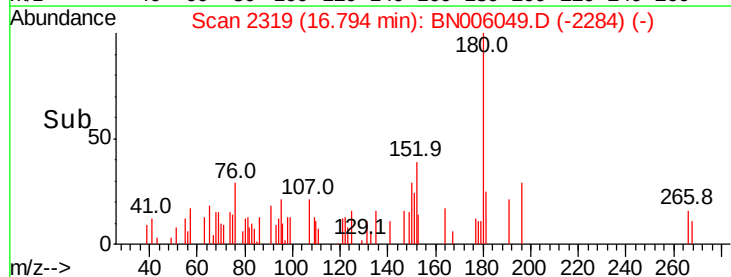
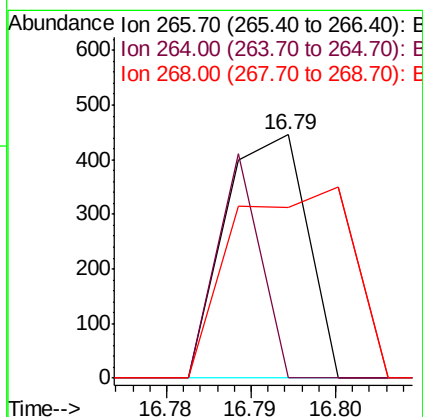
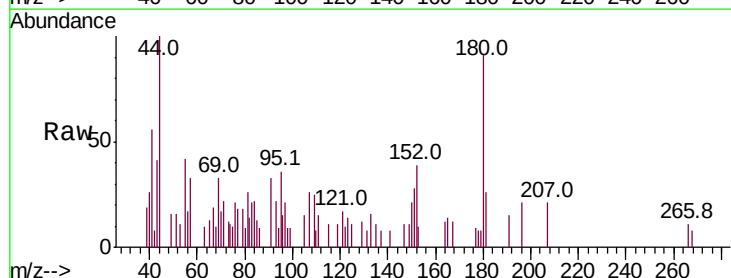
Instrument :
BNA_N
ClientSampleId :

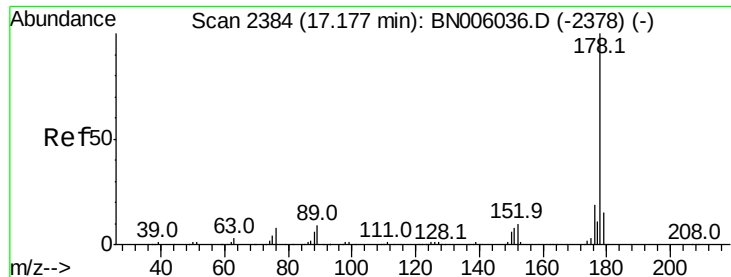
Tot Ion:169 Resp: 382
Ion Ratio Lower Upper
169 100
168 0.0 53.4 80.2#
167 67.6 28.6 42.8#



#68
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.79 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BN006049.D
Acq: 03 Jun 2019 22:22

Tgt Ion:266 Resp: 298
Ion Ratio Lower Upper
266 100
264 0.0 50.8 76.2#
268 70.0 50.7 76.1





#69

Phenanthrene

Concen: 2.622 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

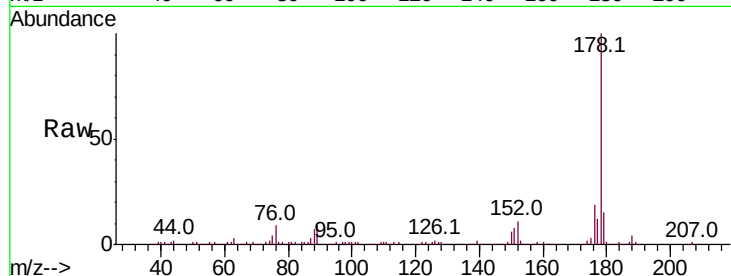
Tot Ion:178 Resp: 257882

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

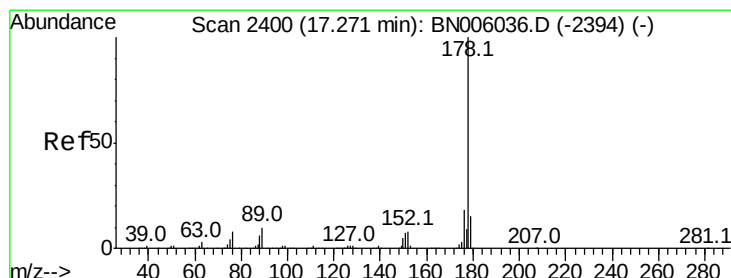
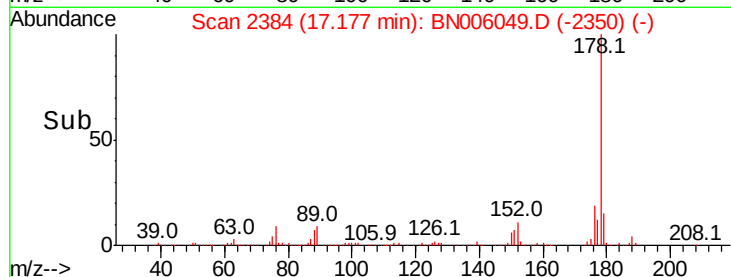
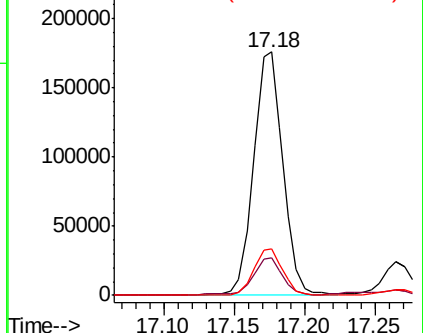
176 18.9 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.342 ng/ul

RT: 17.26 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

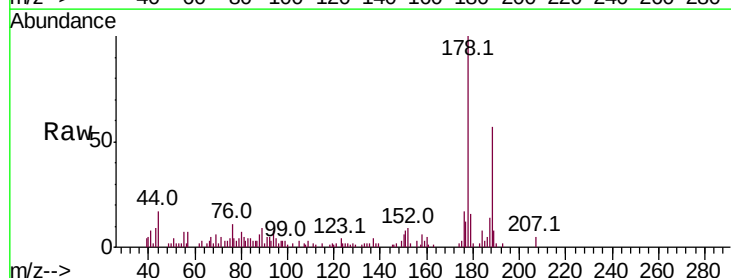
Tgt Ion:178 Resp: 34124

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

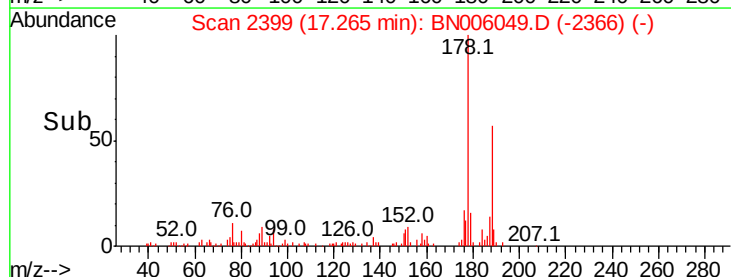
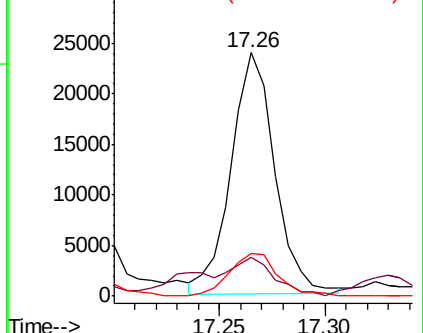
176 17.3 14.8 22.2

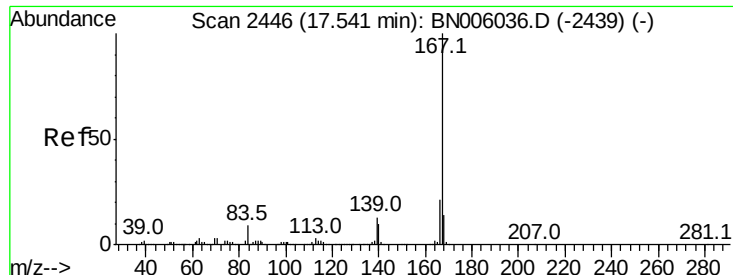


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 0.318 ng/ul

RT: 17.54 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

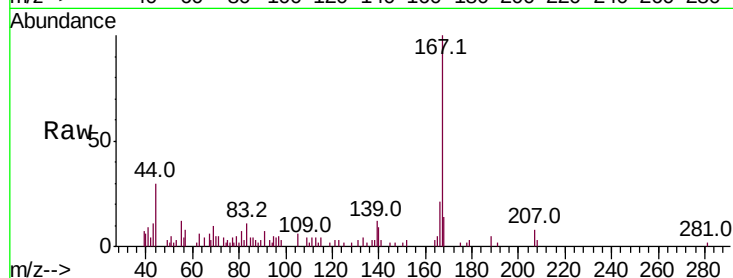
Tot Ion:167 Resp: 27359

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.0	10.4	15.6

167 100

166 21.3 17.0 25.6

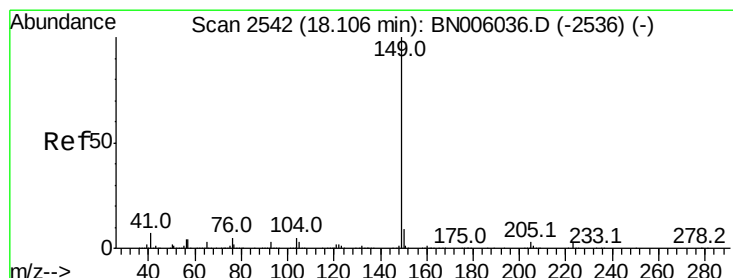
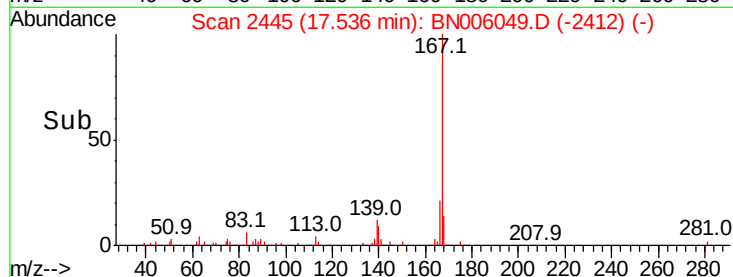
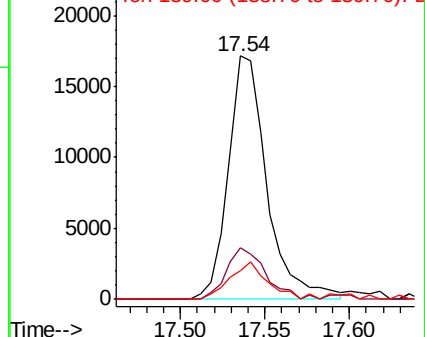
139 12.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 0.135 ng/ul

RT: 18.11 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

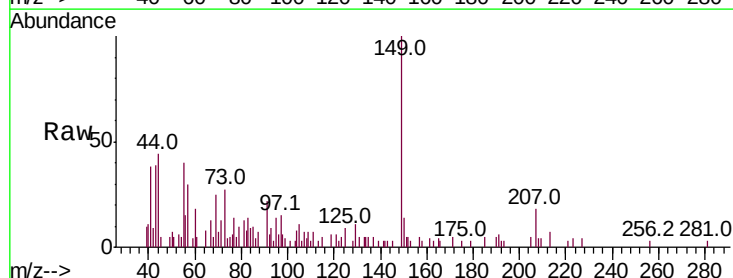
Tgt Ion:149 Resp: 14863

Ion	Ratio	Lower	Upper
149	100		
150	13.9	7.4	11.2#
104	8.1	4.2	6.2#

149 100

150 13.9 7.4 11.2#

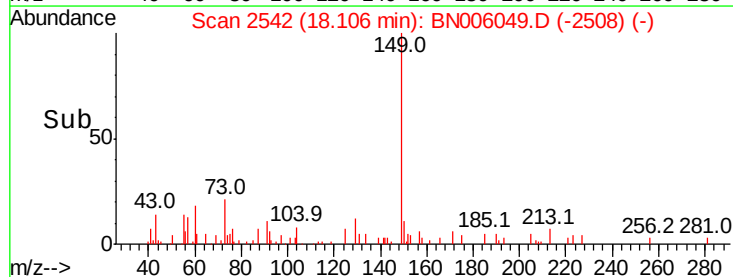
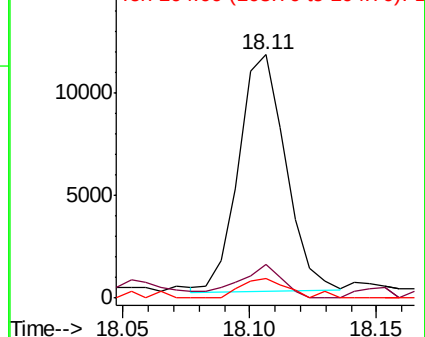
104 8.1 4.2 6.2#

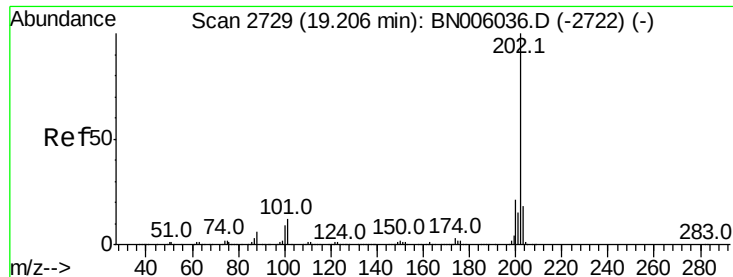


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

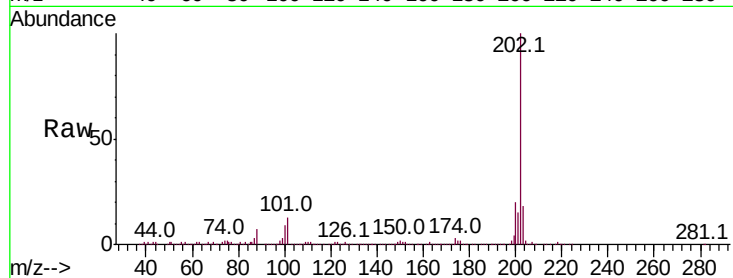




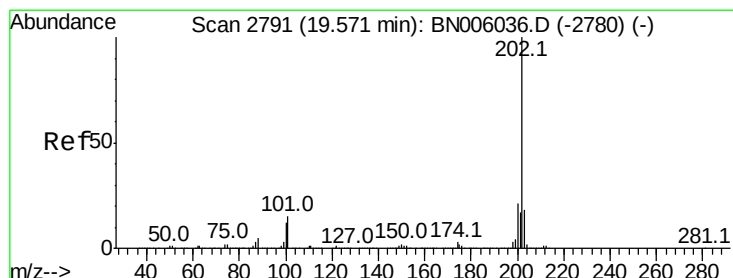
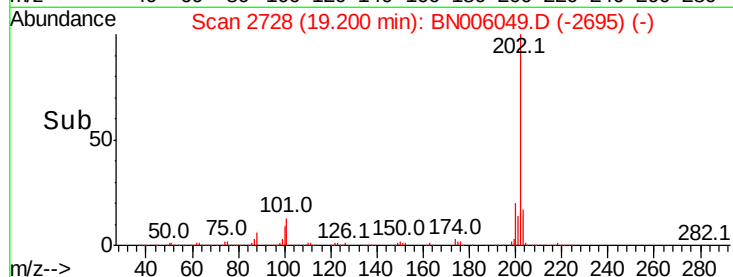
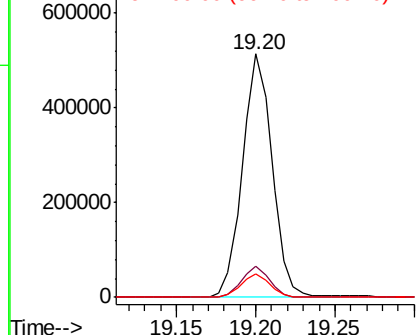
#76
Fluoranthene
Concen: 6.995 ng/ul
RT: 19.20 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BN006049.D
Acq: 03 Jun 2019 22:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	202	Resp:	669632
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.6	14.4
100	9.4	7.1	10.7

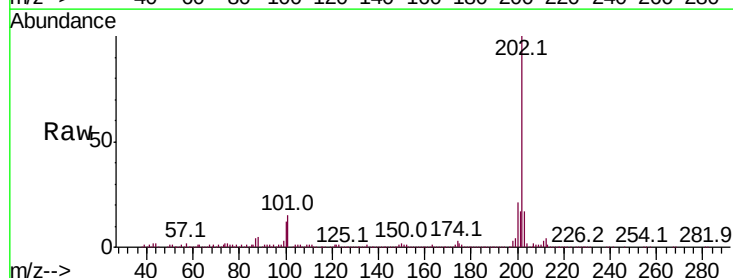


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

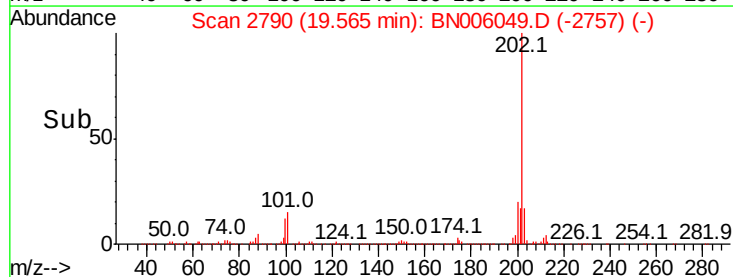
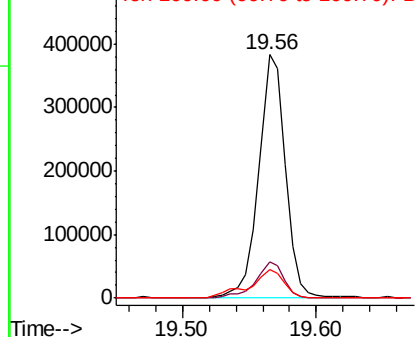


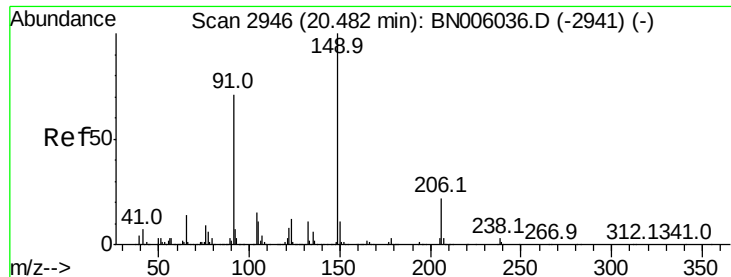
#79
Pyrene
Concen: 5.035 ng/ul
RT: 19.56 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BN006049.D
Acq: 03 Jun 2019 22:22

Tgt Ion:	202	Resp:	523403
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.6	17.4
100	11.7	9.4	14.2



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

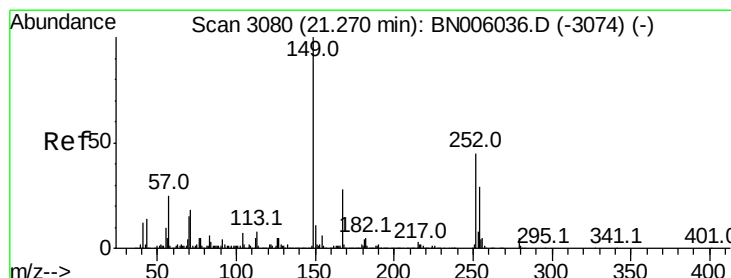
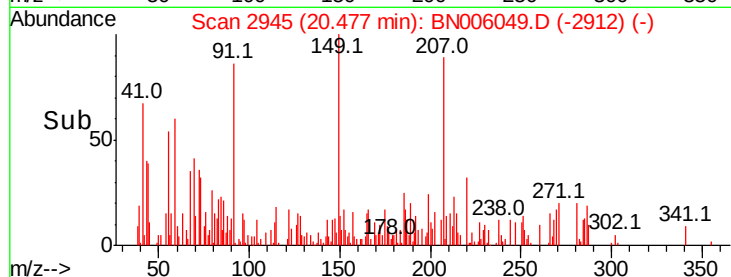
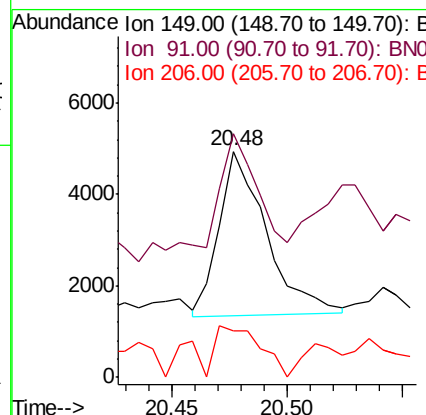
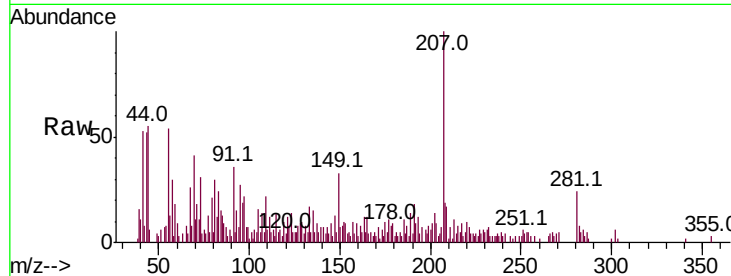




#80
 Butylbenzylphthalate
 Concen: 0.109 ng/ul
 RT: 20.48 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BN006049.D
 Acq: 03 Jun 2019 22:22

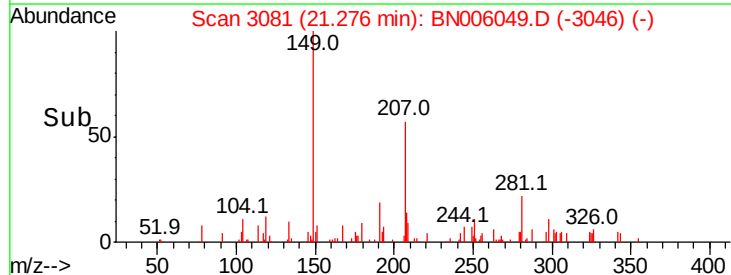
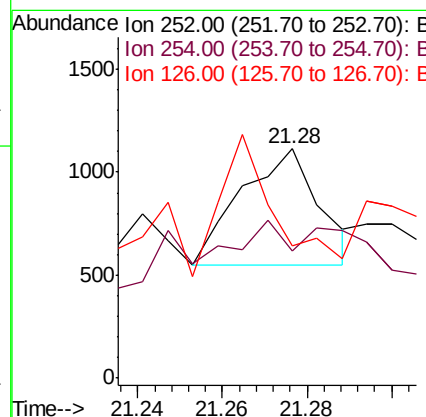
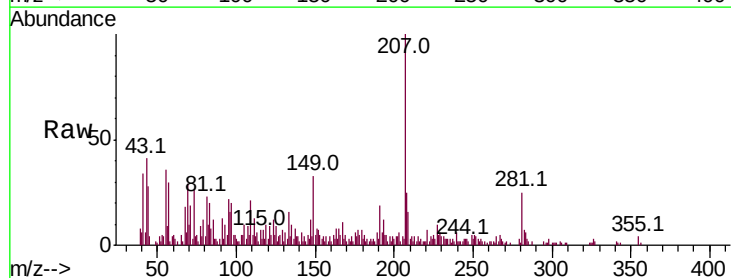
Instrument :
 BNA_N
 ClientSampleId :

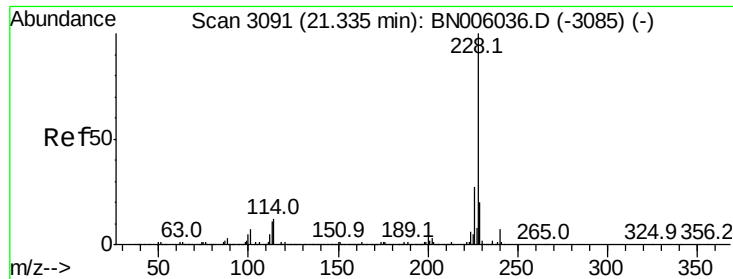
Tot Ion:149 Resp: 5120
 Ion Ratio Lower Upper
 149 100
 91 107.8 57.0 85.6#
 206 20.6 17.4 26.2



#81
 3,3'-Dichlorobenzidine
 Concen: 0.026 ng/ul
 RT: 21.28 min Scan# 3081
 Delta R.T. 0.01 min
 Lab File: BN006049.D
 Acq: 03 Jun 2019 22:22

Tgt Ion:252 Resp: 723
 Ion Ratio Lower Upper
 252 100
 254 55.3 50.7 76.1
 126 57.6 9.0 13.6#

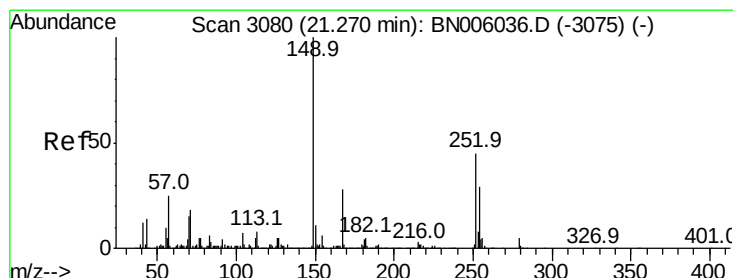
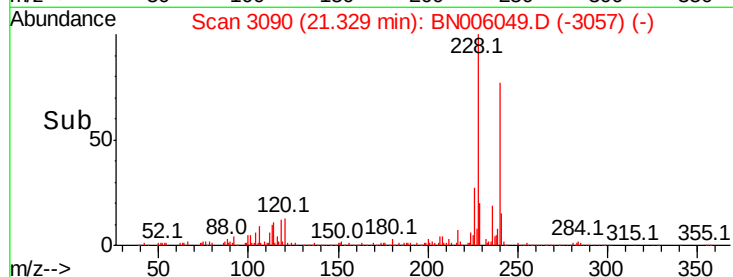
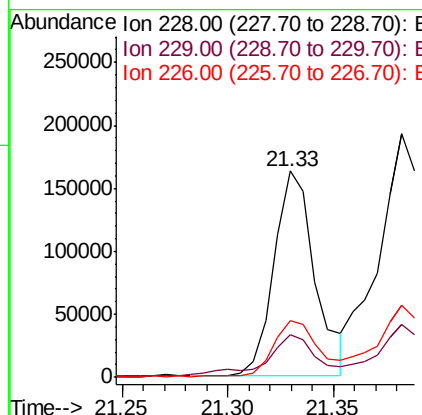
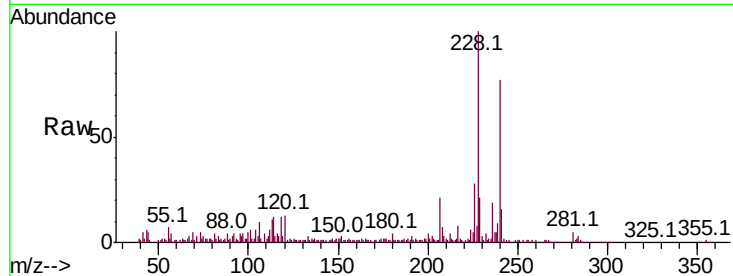




#82
Benzo(a)anthracene
Concen: 2.473 ng/ul
RT: 21.33 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BN006049.D
Acq: 03 Jun 2019 22:22

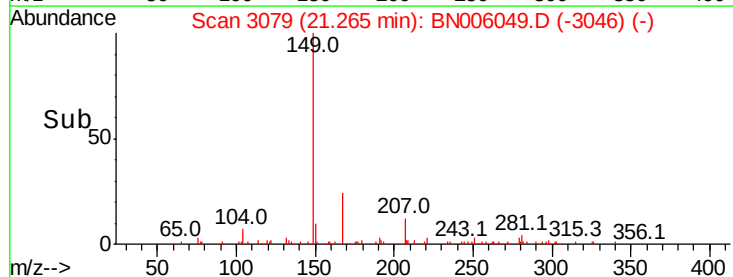
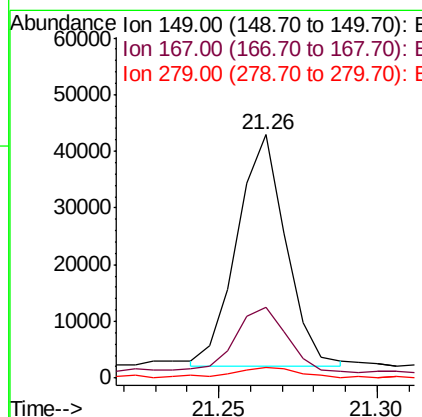
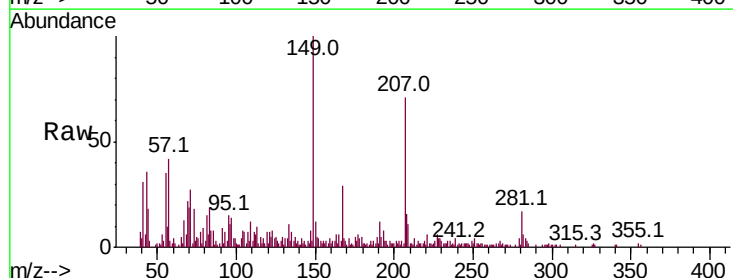
Instrument :
BNA_N
ClientSampled :

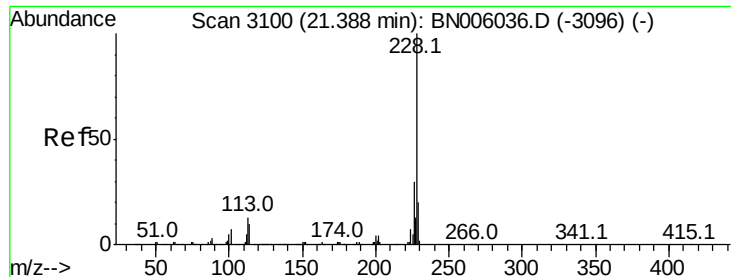
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.6	21.6	32.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 0.673 ng/ul
RT: 21.26 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BN006049.D
Acq: 03 Jun 2019 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.5	33.7
279	4.1	3.6	5.4





#84

Chrysene

Concen: 3.400 ng/ul

RT: 21.38 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

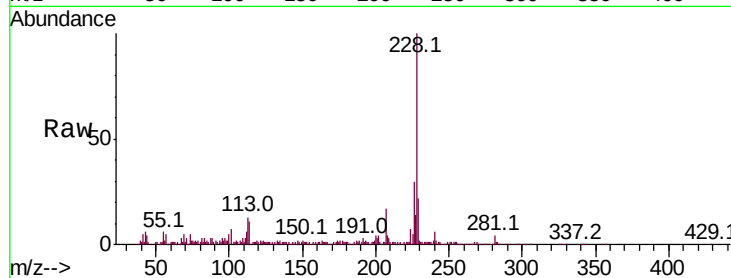
Tot Ion:228 Resp: 286672

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

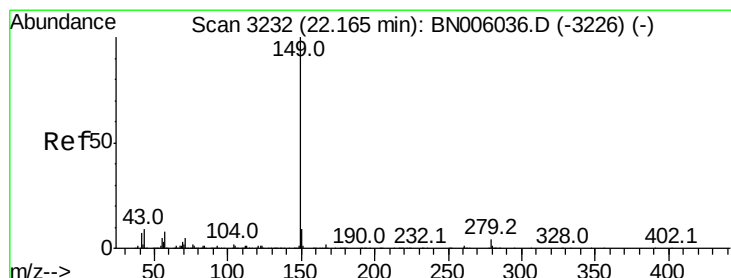
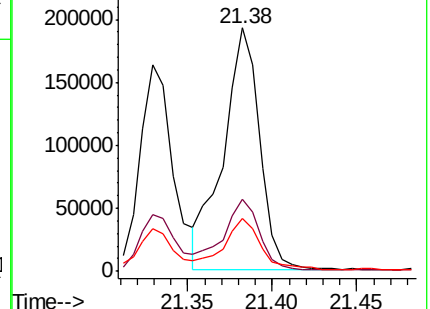
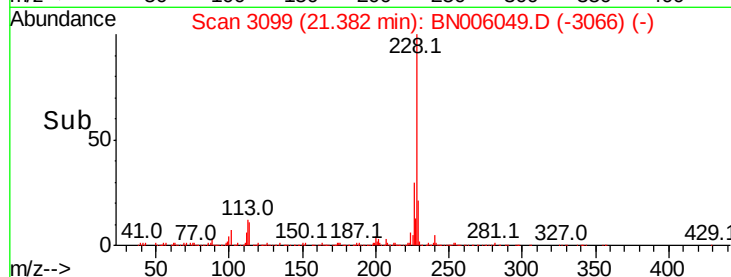
229 21.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 0.024 ng/ul

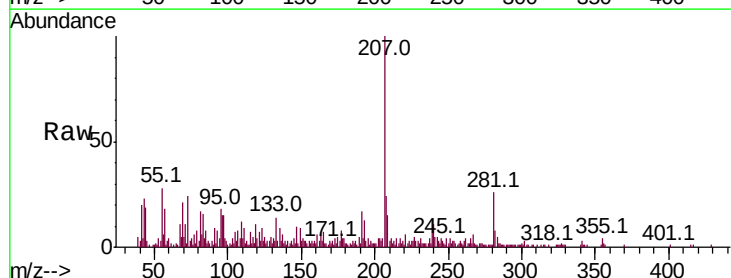
RT: 22.15 min Scan# 3230

Delta R.T. -0.01 min

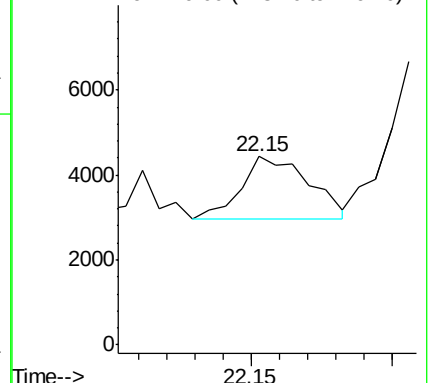
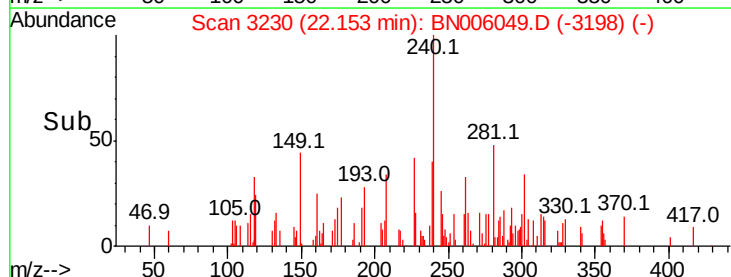
Lab File: BN006049.D

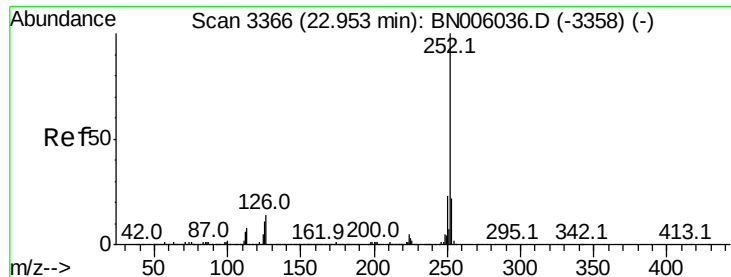
Acq: 03 Jun 2019 22:22

Tgt Ion:149 Resp: 2515



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 4.512 ng/ul

RT: 22.95 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

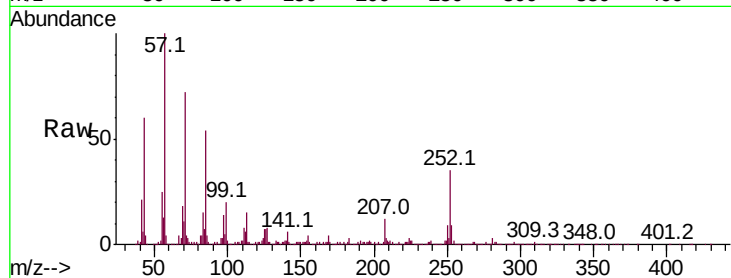
Tot Ion:252 Resp: 384652

Ion Ratio Lower Upper

252 100

253 25.0 17.3 25.9

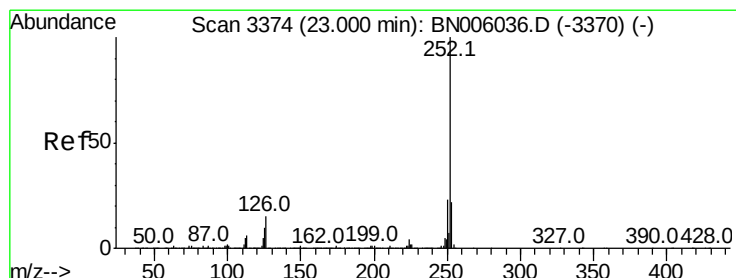
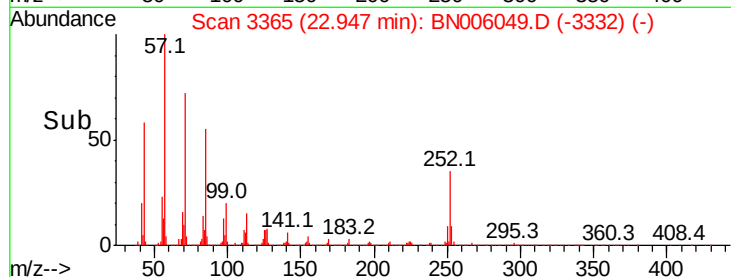
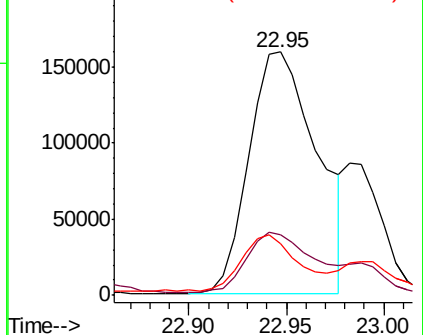
125 21.3 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.656 ng/ul

RT: 22.95 min Scan# 3365

Delta R.T. -0.05 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

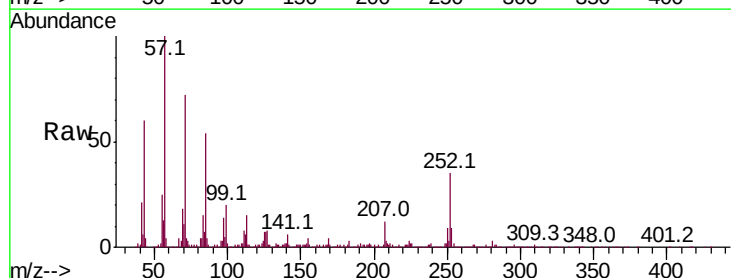
Tgt Ion:252 Resp: 384652

Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

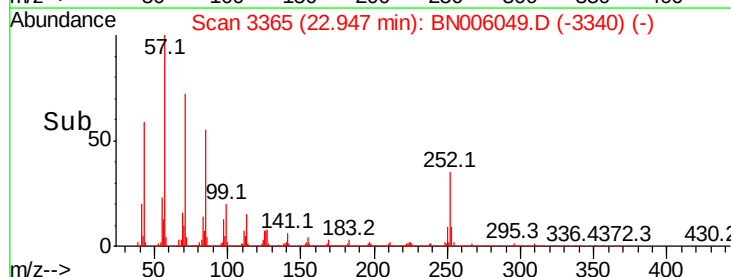
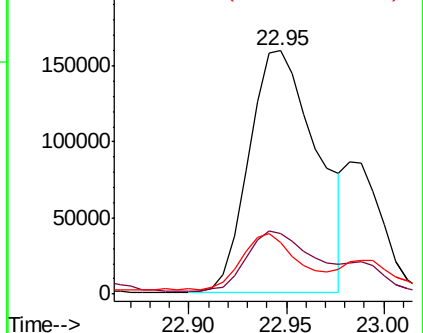
125 21.3 8.2 12.4#

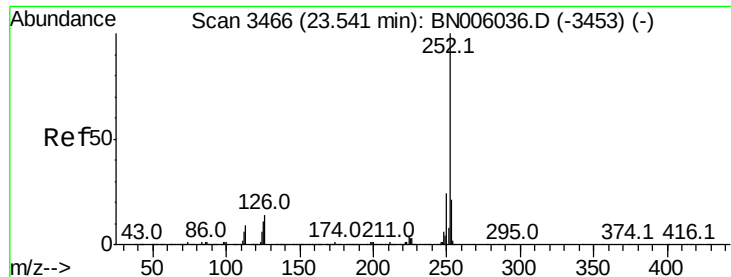


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.610 ng/ul

RT: 23.53 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

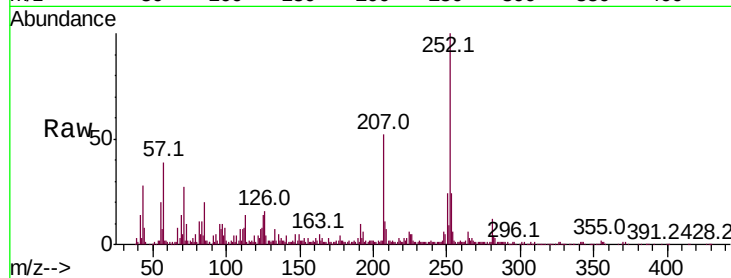
Tot Ion:252 Resp: 211564

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

125 14.2 9.2 13.8#

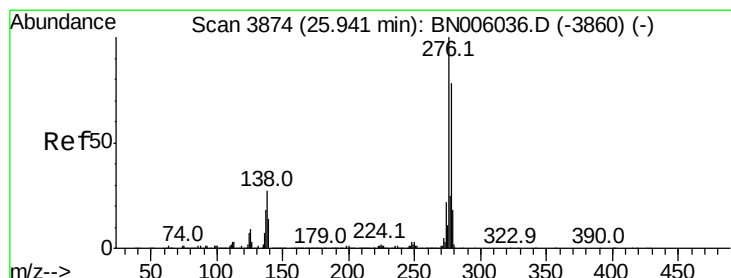
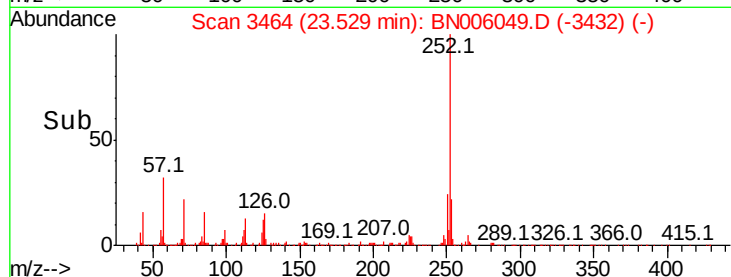
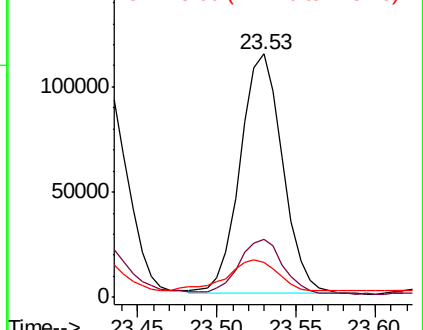


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.922 ng/ul

RT: 25.92 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

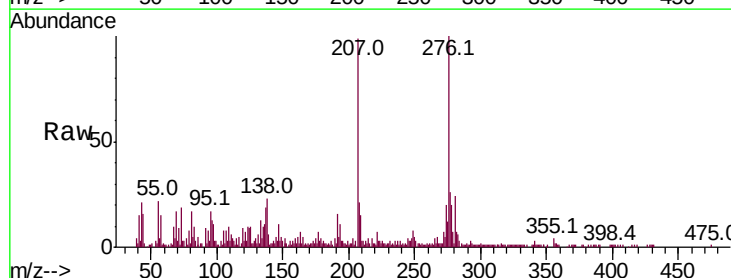
Tgt Ion:276 Resp: 179350

Ion Ratio Lower Upper

276 100

138 23.3 21.4 32.2

277 25.5 20.2 30.2

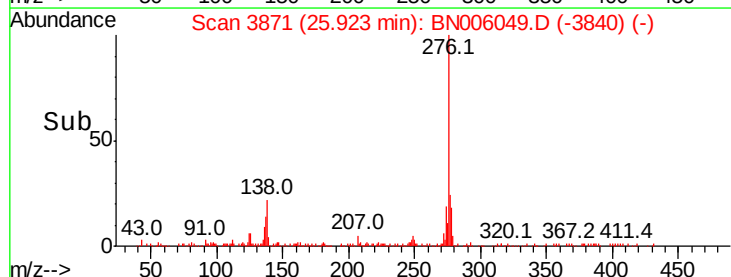
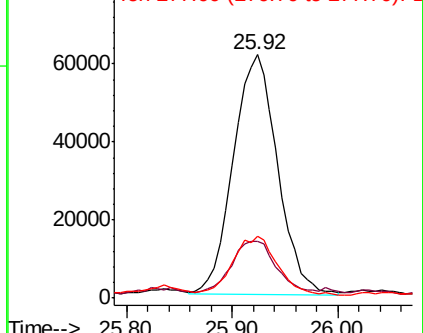


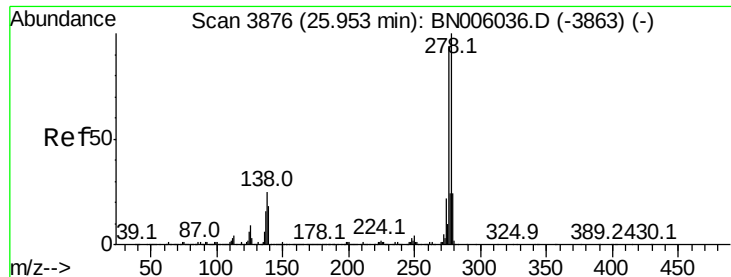
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 0.506 ng/ul

RT: 25.93 min Scan# 3872

Delta R.T. -0.02 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

Instrument :

BNA_N

ClientSampleId :

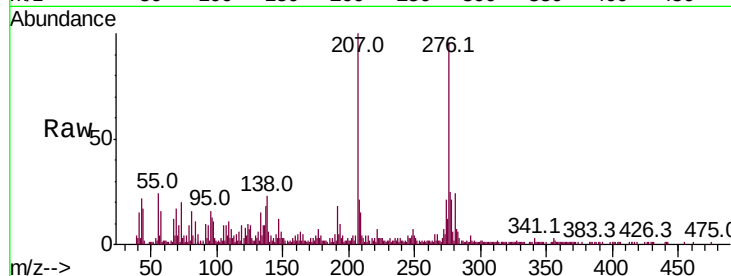
Tot Ion:278 Resp: 39792

Ion Ratio Lower Upper

278 100

139 30.7 14.2 21.2#

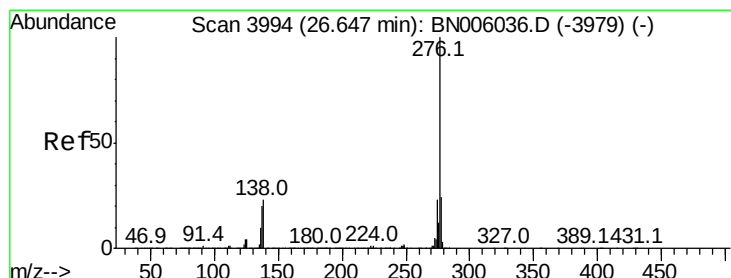
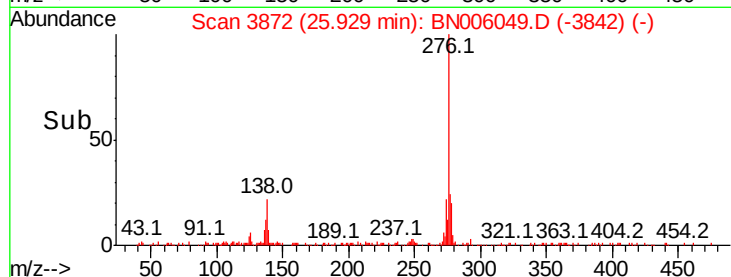
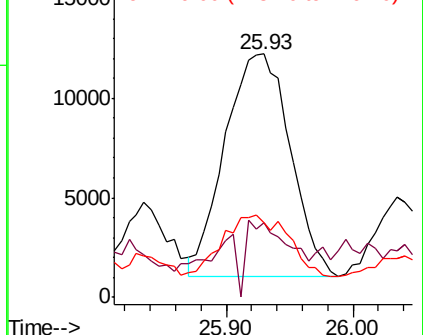
279 30.8 19.4 29.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 2.036 ng/ul

RT: 26.62 min Scan# 3990

Delta R.T. -0.02 min

Lab File: BN006049.D

Acq: 03 Jun 2019 22:22

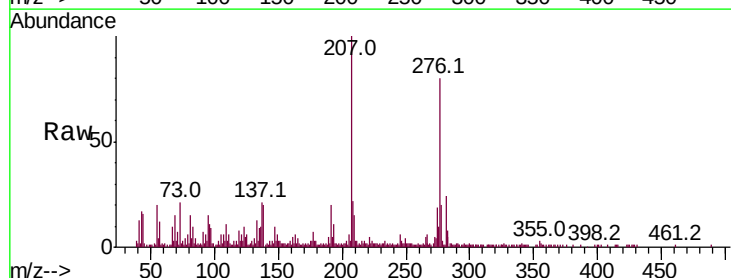
Tgt Ion:276 Resp: 156362

Ion Ratio Lower Upper

276 100

138 25.2 18.8 28.2

277 25.4 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

