

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006047.D
 Acq On : 03 Jun 2019 21:13
 Operator : JU/SJ
 Sample : K2924-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:26:42 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	407915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1845479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1071993	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2224387	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1552929	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1600506	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	36012	4.11	ng/uL	0.00
5) Phenol-d5	6.89	99	733342	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	446845	23.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	581706	21.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	490147	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	306994	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	338447	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	561076	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	726647	22.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1918398	25.30	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	2301938	23.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	268600	19.17	ng/ul	0.00
57) Fluorene-d10	15.38	176	1587950	24.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	199317	18.50	ng/ul	0.00
70) Anthracene-d10	17.23	188	2212382	23.73	ng/ul	0.00
78) Pyrene-d10	19.54	212	2260090	25.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1780056	25.03	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.29	88	126	0.014	ng/uL# 1
4) Benzaldehyde	6.87	77	9594	0.418	ng/ul 90
6) Phenol	6.92	94	692884	20.128	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.03	93	237	0.009	ng/ul# 7
10) 2-Chlorophenol	7.29	128	534034	19.759	ng/ul 100
14) Acetophenone	8.54	105	8835	0.221	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.52	70	472223	22.837	ng/ul 99
16) 4-Methylphenol	8.49	108	2197	0.077	ng/ul 84
20) Nitrobenzene	8.88	77	6614	0.212	ng/ul# 45
21) Isophorone	9.43	82	252	0.004	ng/ul# 66
28) Naphthalene	10.56	128	4050	0.047	ng/ul# 93
30) 4-Chloroaniline	10.56	127	276	0.008	ng/ul# 1
32) Caprolactam	11.49	113	579	0.060	ng/ul 81
33) 4-Chloro-3-methylphenol	11.81	107	591074	19.878	ng/ul 99
34) 2-Methylnaphthalene	12.18	142	1658	0.027	ng/ul 93
44) Dimethylphthalate	13.84	163	643772	8.576	ng/ul 99
45) 2,6-Dinitrotoluene	13.91	165	272	0.017	ng/ul# 33
47) Acenaphthylene	14.10	152	6782	0.071	ng/ul 95
48) 3-Nitroaniline	14.45	138	1419	0.088	ng/ul# 1
49) Acenaphthene	14.44	153	1426225	22.082	ng/ul 100
52) 4-Nitrophenol	14.60	109	192388	18.167	ng/ul 98
53) Dibenzofuran	14.78	168	1818	0.020	ng/ul# 58
54) 2,4-Dinitrotoluene	14.75	165	510078	23.320	ng/ul 95

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006047.D
 Acq On : 03 Jun 2019 21:13
 Operator : JU/SJ
 Sample : K2924-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:26:42 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

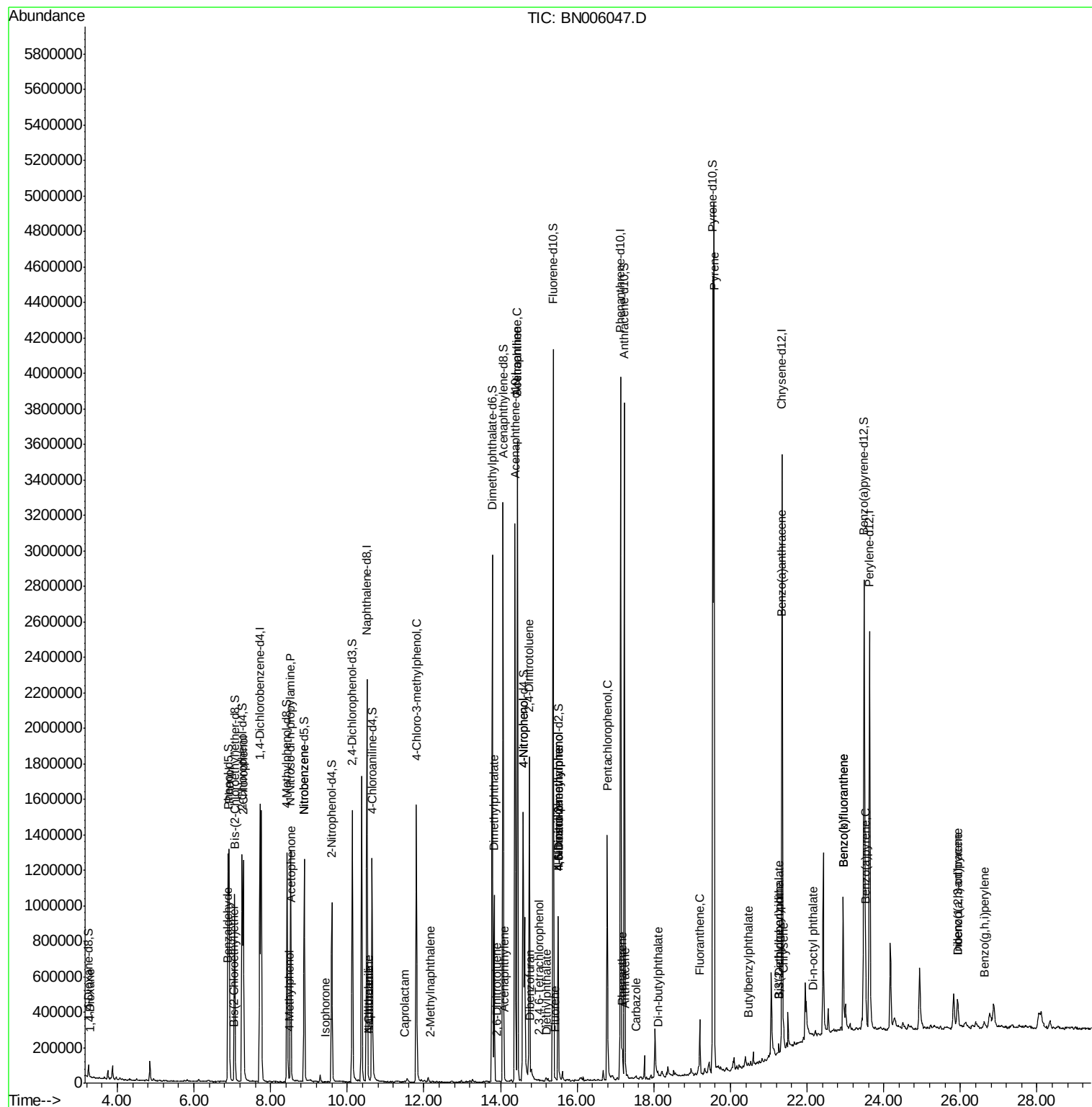
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 2,3,4,6-Tetrachlorophenol	15.01	232	1297	0.072	ng/ul#	66
56) Diethylphthalate	15.20	149	3186	0.043	ng/ul#	92
58) Fluorene	15.43	166	3664	0.052	ng/ul	84
60) 4-Nitroaniline	15.50	138	742	0.040	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.51	198	615	0.056	ng/ul#	1
64) N-Nitrosodiphenylamine	15.51	169	1479	0.023	ng/ul#	17
68) Pentachlorophenol	16.79	266	253014	19.363	ng/ul	99
69) Phenanthrene	17.18	178	80227	0.743	ng/ul	98
71) Anthracene	17.26	178	17066	0.156	ng/ul	97
74) Carbazole	17.54	167	7083	0.075	ng/ul	95
75) Di-n-butylphthalate	18.11	149	9870	0.082	ng/ul	99
76) Fluoranthene	19.20	202	175589	1.672	ng/ul	97
79) Pyrene	19.57	202	2765788	24.711	ng/ul	99
80) Butylbenzylphthalate	20.48	149	1504	0.030	ng/ul#	87
81) 3,3'-Dichlorobenzidine	21.26	252	780	0.026	ng/ul#	95
82) Benzo(a)anthracene	21.34	228	67336	0.702	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.26	149	16765	0.241	ng/ul	99
84) Chrysene	21.39	228	79676	0.878	ng/ul	97
86) Di-n-octyl phthalate	22.16	149	1443	0.013	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	131249	1.487	ng/ul#	92
88) Benzo(k)fluoranthene	22.95	252	131643	1.539	ng/ul#	92
90) Benzo(a)pyrene	23.54	252	62349	0.743	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.92	276	45594	0.472	ng/ul	93
92) Dibenzo(a,h)anthracene	25.93	278	6135	0.075	ng/ul#	87
93) Benzo(g,h,i)perylene	26.63	276	39313	0.494	ng/ul	97

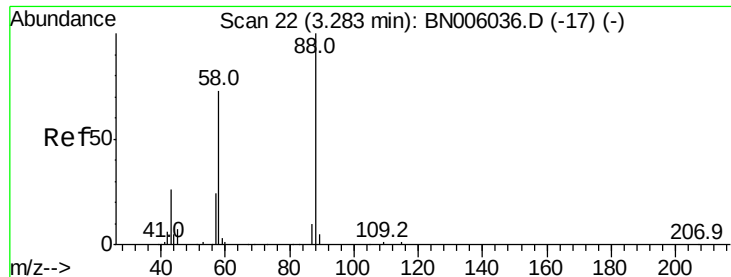
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060319\
Data File : BN006047.D
Acq On : 03 Jun 2019 21:13
Operator : JU/SJ
Sample : K2924-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Jun 04 01:26:42 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





#2

1,4-Dioxane

Concen: 0.014 ng/uL

RT: 3.29 min Scan# 23

Delta R.T. 0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampled :

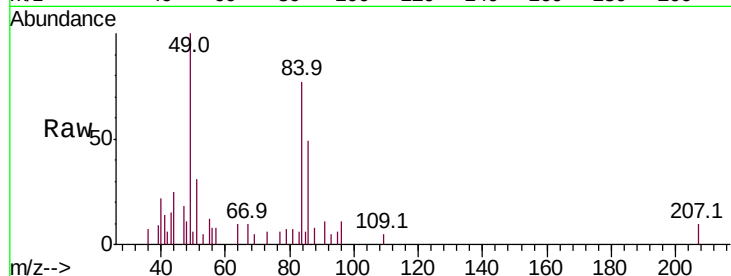
Tot Ion: 88 Resp: 126

Ion Ratio Lower Upper

88 100

43 194.5 23.3 34.9#

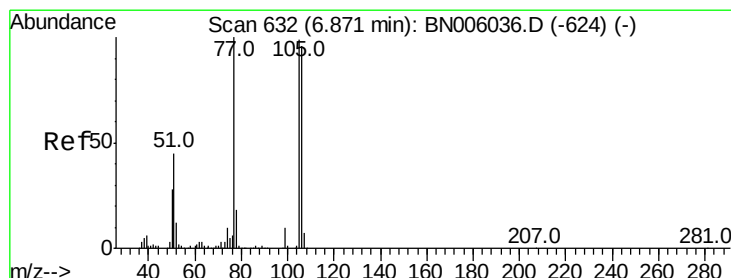
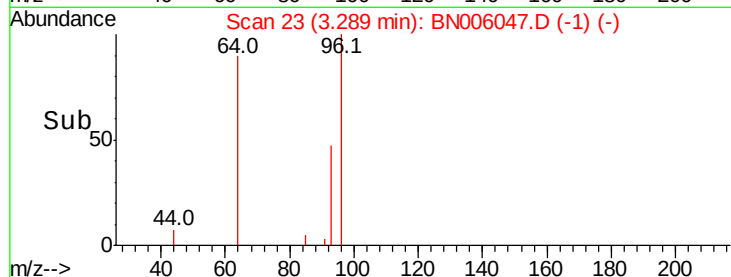
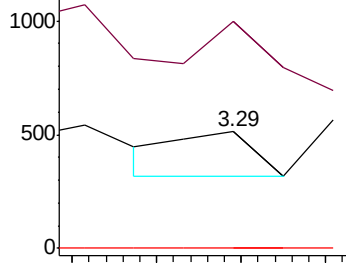
58 0.0 59.0 88.4#



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: 0.418 ng/uL

RT: 6.87 min Scan# 632

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

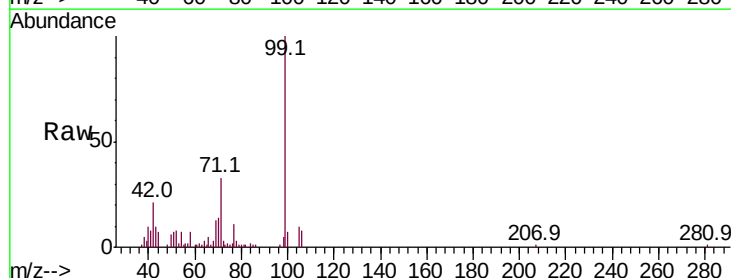
Tgt Ion: 77 Resp: 9594

Ion Ratio Lower Upper

77 100

105 95.7 79.4 119.2

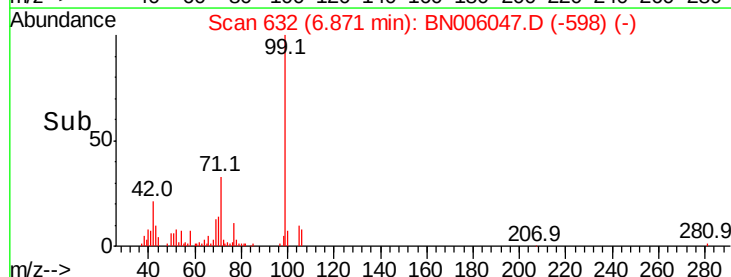
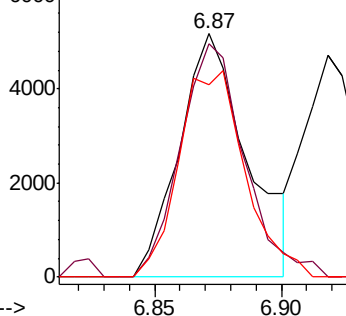
106 79.3 76.7 115.1

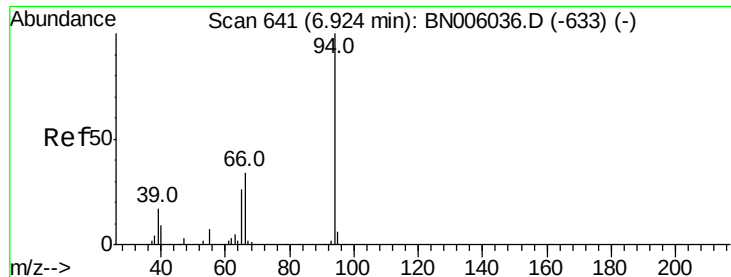


Abundance Ion 77.00 (76.70 to 77.70): BN006036.D (-624) (-)

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: 20.128 ng/ul

RT: 6.92 min Scan# 640

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampled :

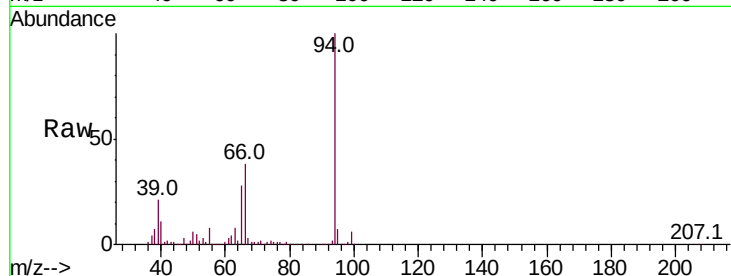
Tot Ion: 94 Resp: 692884

Ion Ratio Lower Upper

94 100

65 27.6 21.1 31.7

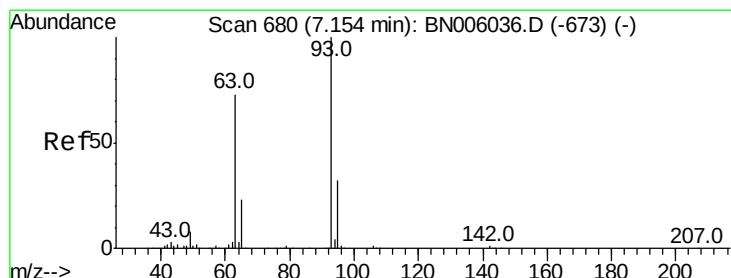
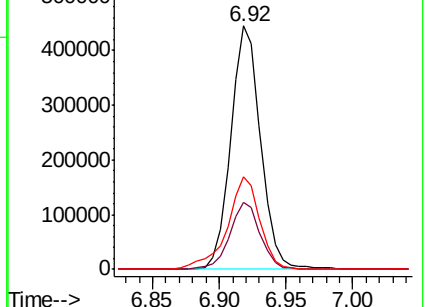
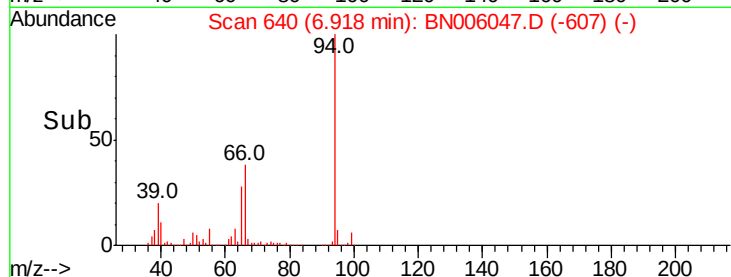
66 37.9 28.2 42.2



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: 0.009 ng/ul

RT: 7.03 min Scan# 659

Delta R.T. -0.12 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

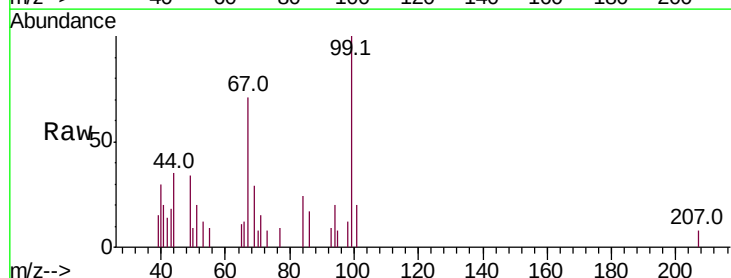
Tgt Ion: 93 Resp: 237

Ion Ratio Lower Upper

93 100

63 0.0 58.5 87.7#

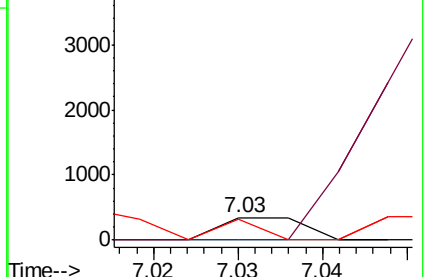
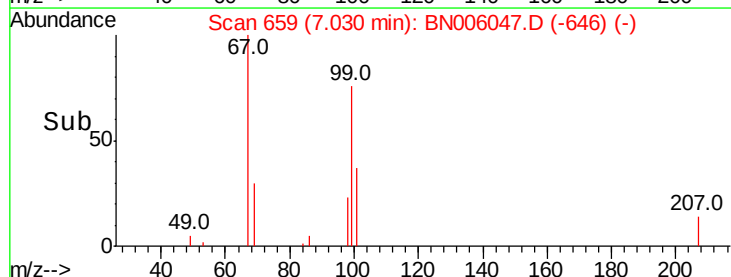
95 92.1 25.7 38.5#

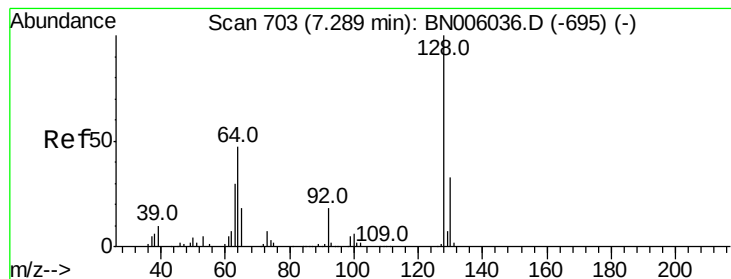


Abundance Ion 93.00 (92.70 to 93.70): BN006036.D (-673) (-)

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

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





#10

2-Chlorophenol

Concen: 19.759 ng/ul

RT: 7.29 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampled :

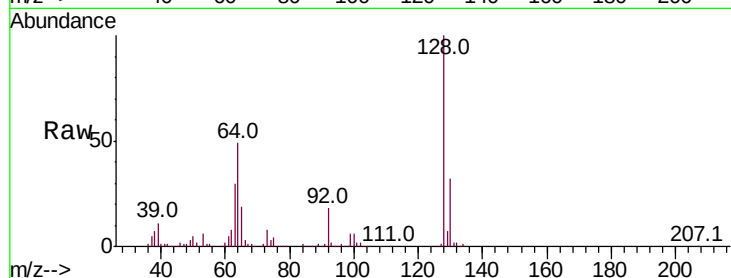
Tot Ion:128 Resp: 534034

Ion Ratio Lower Upper

128 100

64 48.6 38.7 58.1

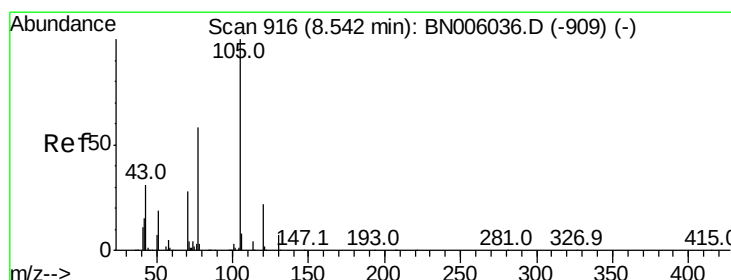
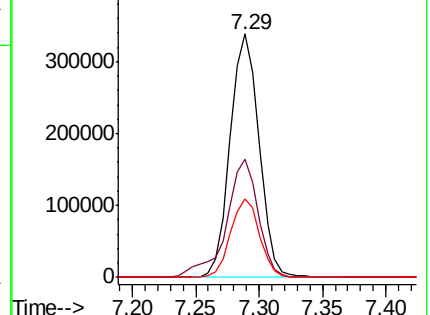
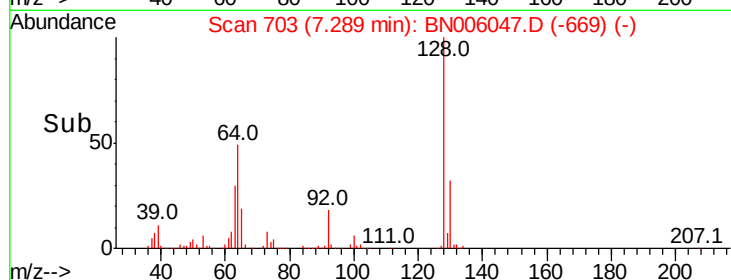
130 32.4 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E



#14

Acetophenone

Concen: 0.221 ng/ul

RT: 8.54 min Scan# 916

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

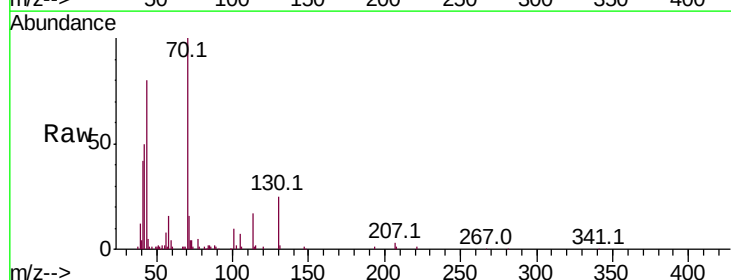
Tgt Ion:105 Resp: 8835

Ion Ratio Lower Upper

105 100

77 73.5 62.6 93.8

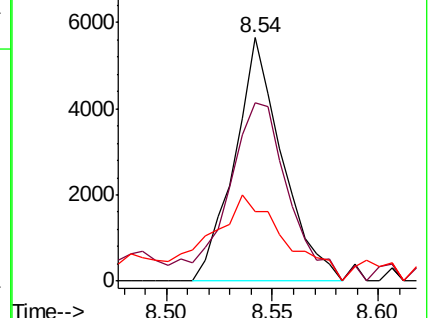
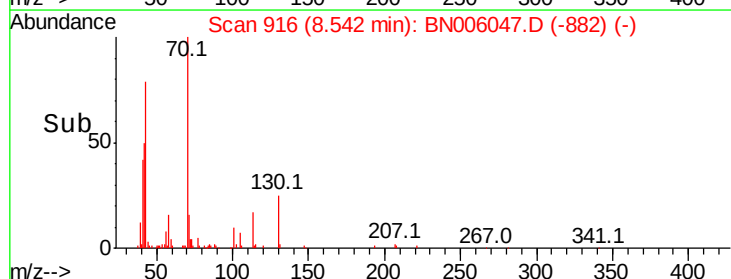
51 28.8 21.2 31.8

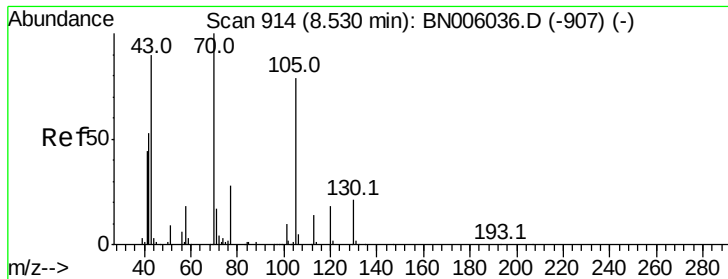


Abundance Ion 105.00 (104.70 to 105.70): E

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: 22.837 ng/ul

RT: 8.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 472223

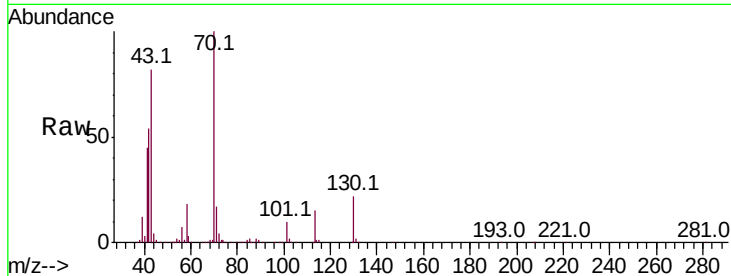
Ion Ratio Lower Upper

70 100

42 53.6 43.3 64.9

101 10.2 7.8 11.8

130 21.6 16.9 25.3

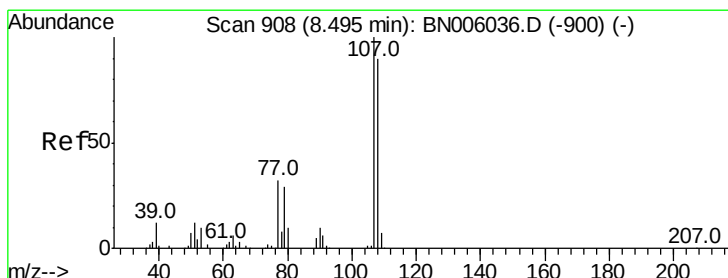
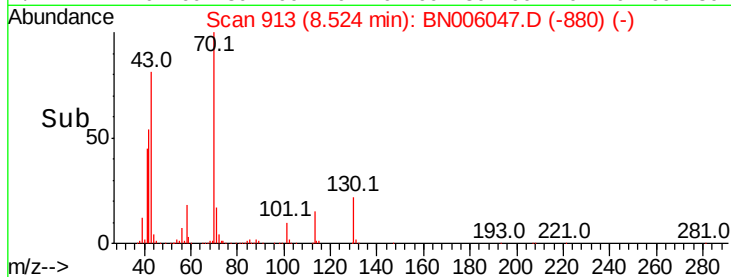
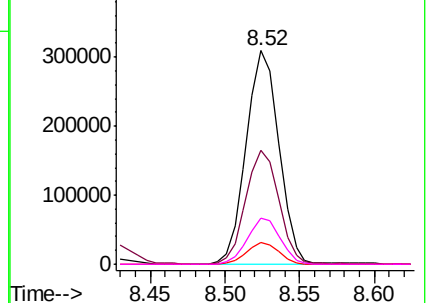


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 0.077 ng/ul

RT: 8.49 min Scan# 907

Delta R.T. -0.01 min

Lab File: BN006047.D

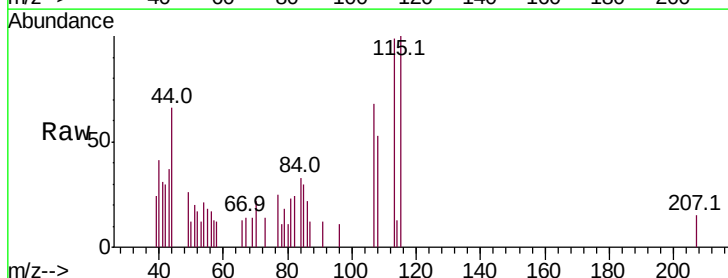
Acq: 03 Jun 2019 21:13

Tgt Ion:108 Resp: 2197

Ion Ratio Lower Upper

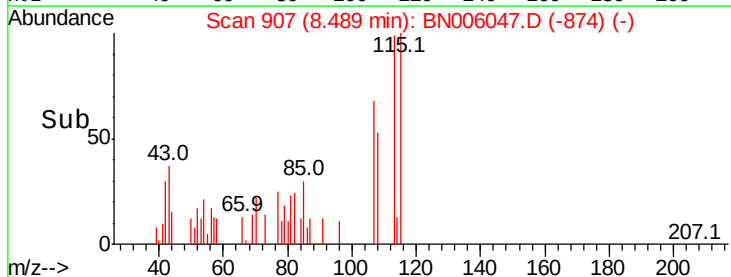
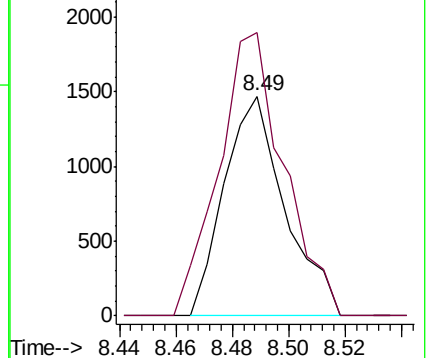
108 100

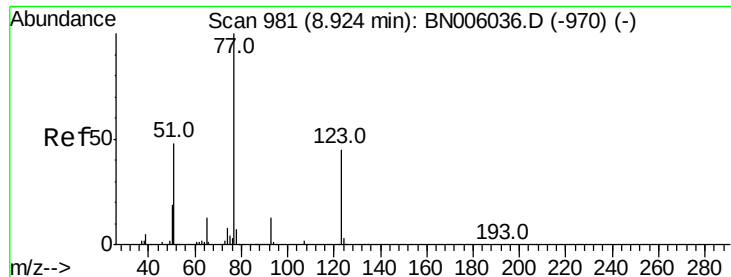
107 128.7 89.2 133.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#20

Nitrobenzene

Concen: 0.212 ng/ul

RT: 8.88 min Scan# 973

Delta R.T. -0.05 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

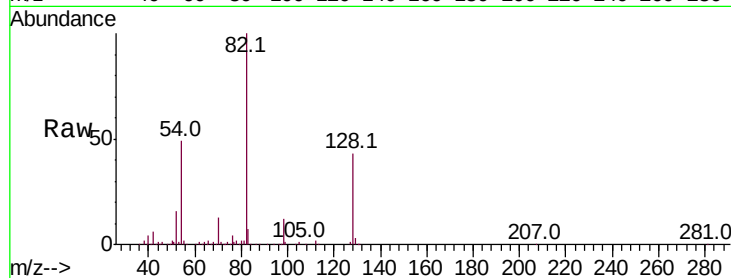
Tot Ion: 77 Resp: 6614

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

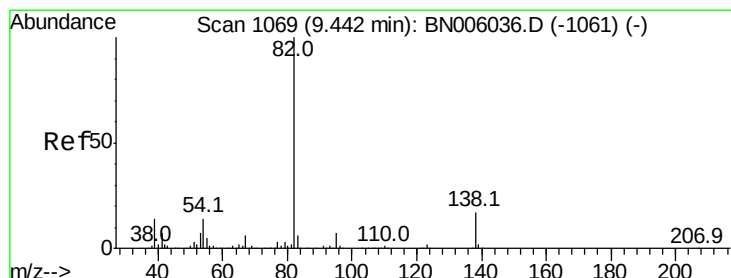
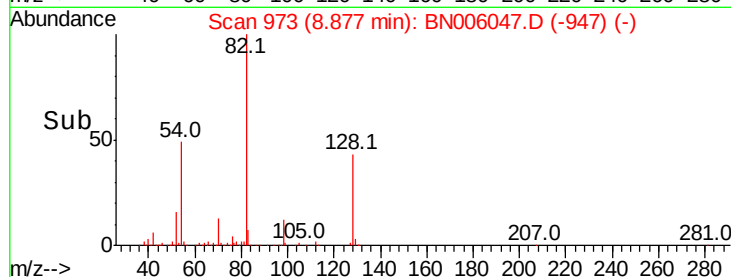
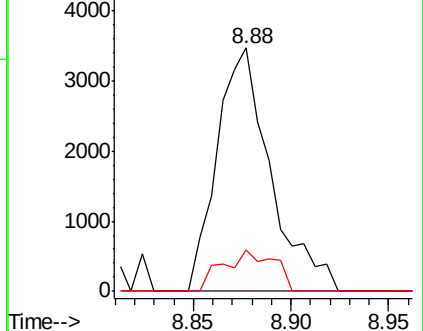
65 17.1 10.7 16.1#



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): BN0

Ion 65.00 (64.70 to 65.70): BN0



#21

Isophorone

Concen: 0.004 ng/ul

RT: 9.43 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

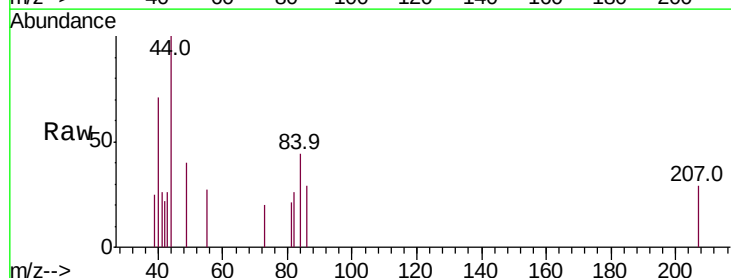
Tgt Ion: 82 Resp: 252

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

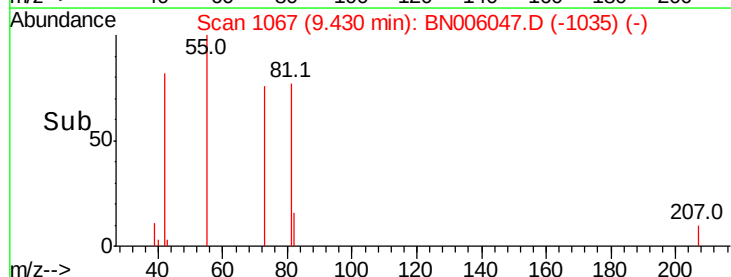
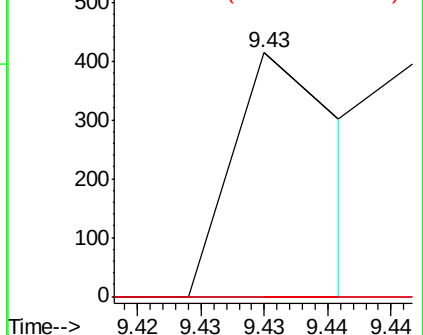
138 0.0 13.8 20.6#

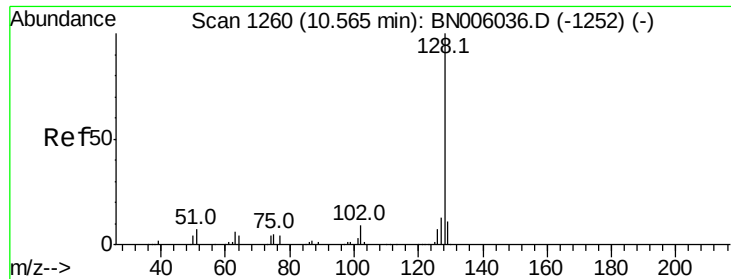


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 138.00 (137.70 to 138.70): BN0





#28

Naphthalene

Concen: 0.047 ng/ul

RT: 10.56 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

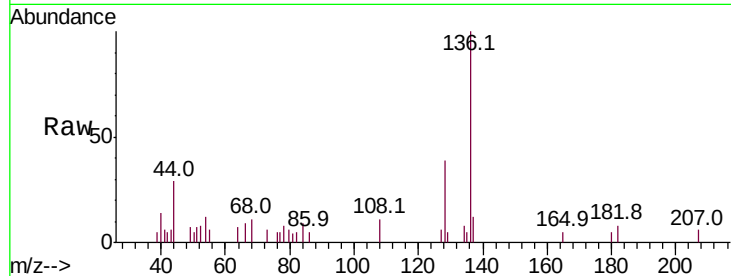
Tot Ion:128 Resp: 4050

Ion Ratio Lower Upper

128 100

129 14.0 8.8 13.2#

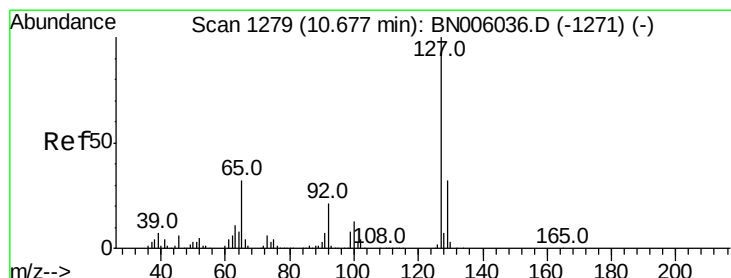
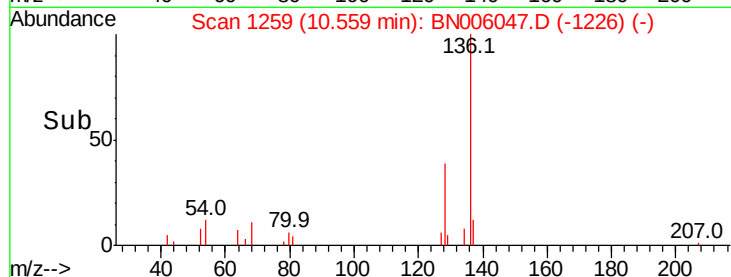
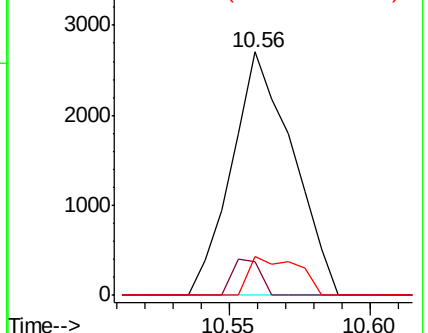
127 15.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 0.008 ng/ul

RT: 10.56 min Scan# 1259

Delta R.T. -0.12 min

Lab File: BN006047.D

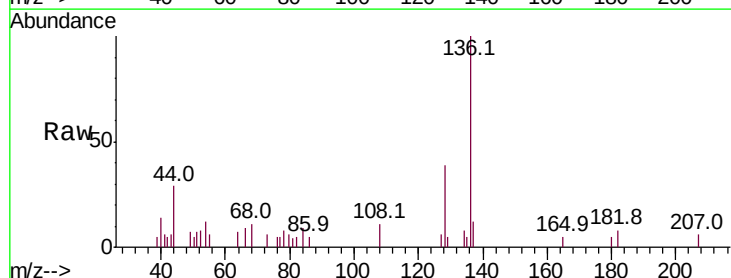
Acq: 03 Jun 2019 21:13

Tgt Ion:127 Resp: 276

Ion Ratio Lower Upper

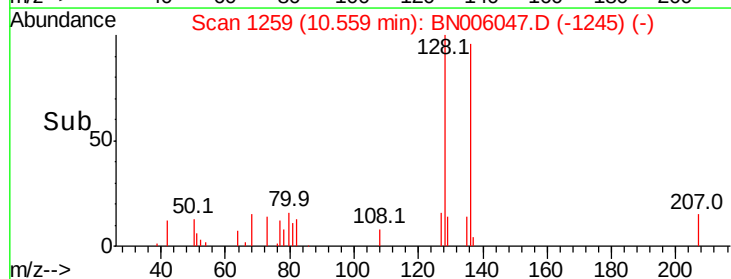
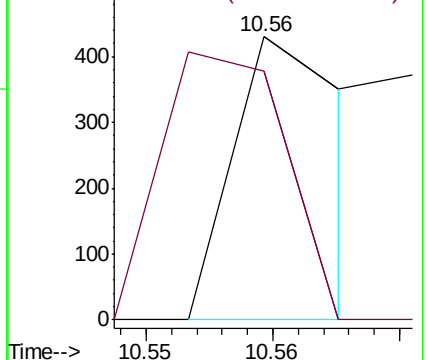
127 100

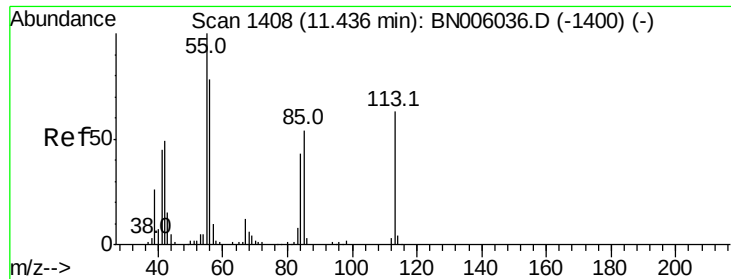
129 87.9 25.8 38.8#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 0.060 ng/ul

RT: 11.49 min Scan# 1418

Delta R.T. 0.06 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampled :

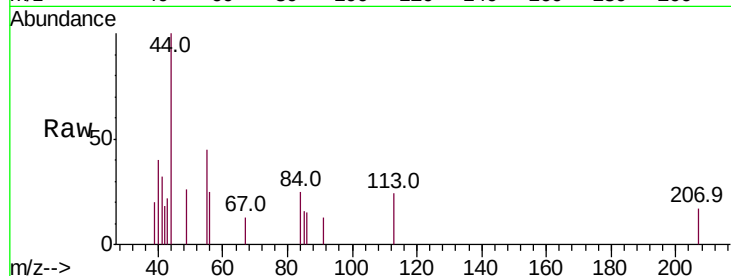
Tot Ion:113 Resp: 579

Ion Ratio Lower Upper

113 100

55 188.4 127.4 191.0

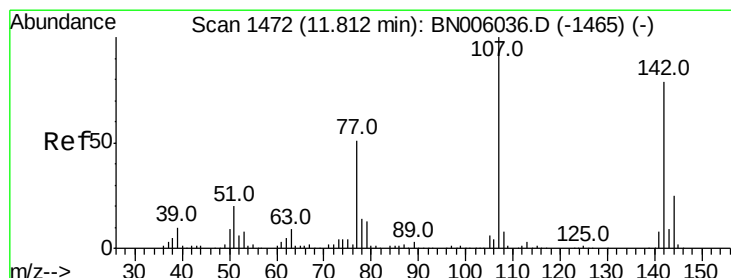
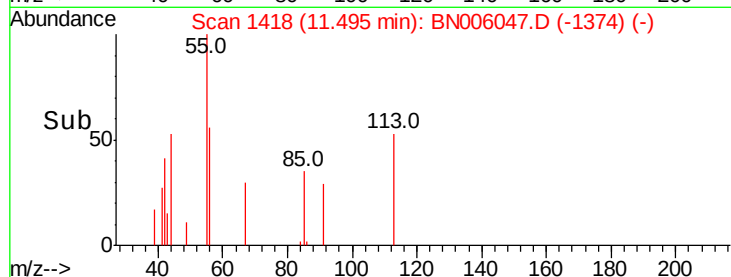
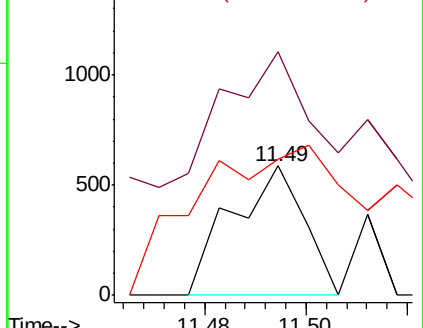
56 105.8 98.9 148.3



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: 19.878 ng/ul

RT: 11.81 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

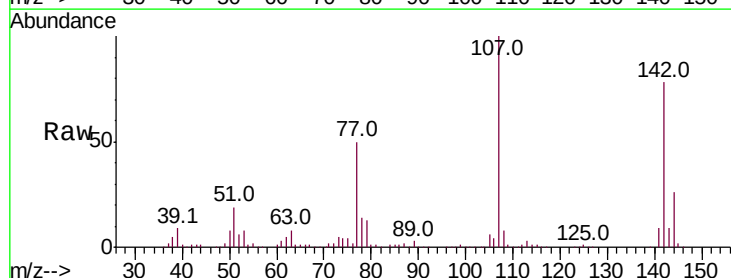
Tgt Ion:107 Resp: 591074

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

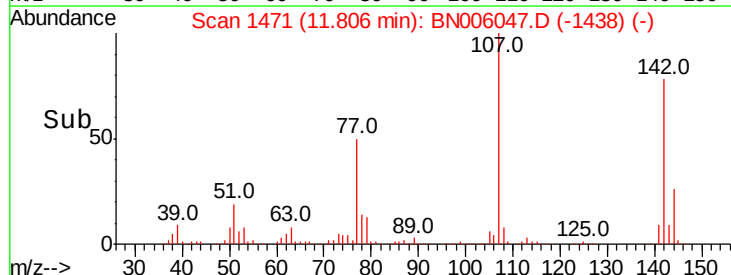
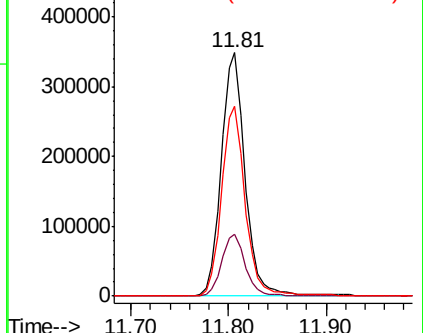
142 78.2 63.1 94.7

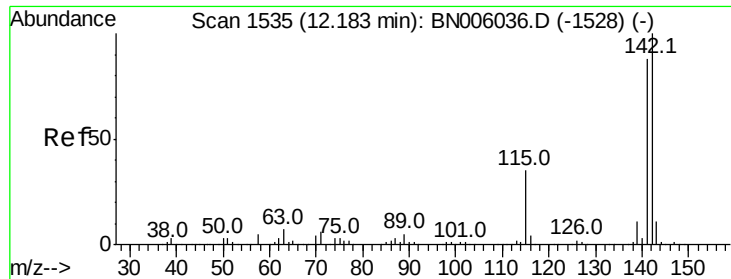


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.18 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

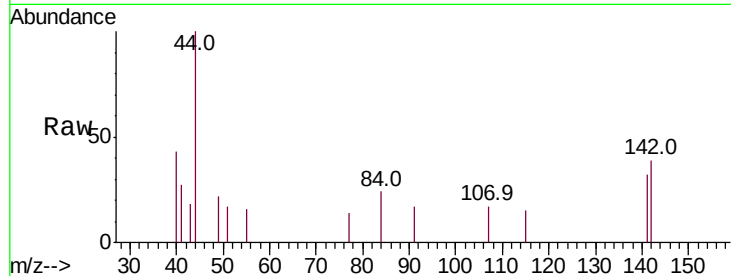
ClientSampled :

Tot Ion:142 Resp: 1658

Ion Ratio Lower Upper

142 100

141 81.3 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.18

800

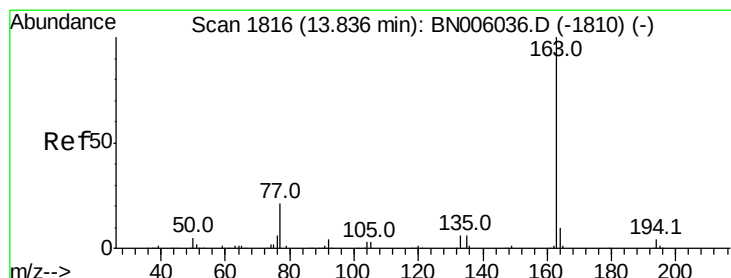
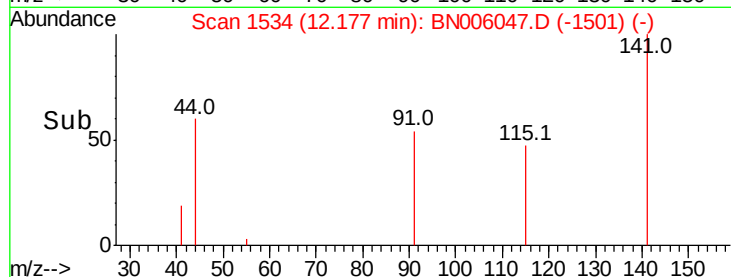
600

400

200

0

Time--> 12.15 12.20



#44

Dimethylphthalate

Concen: 8.576 ng/ul

RT: 13.84 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

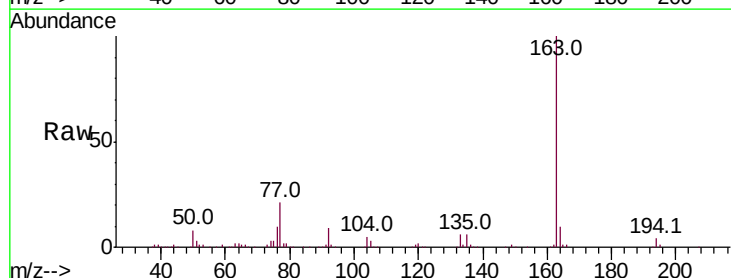
Tgt Ion:163 Resp: 643772

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 9.9 8.2 12.4



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

600000

500000

400000

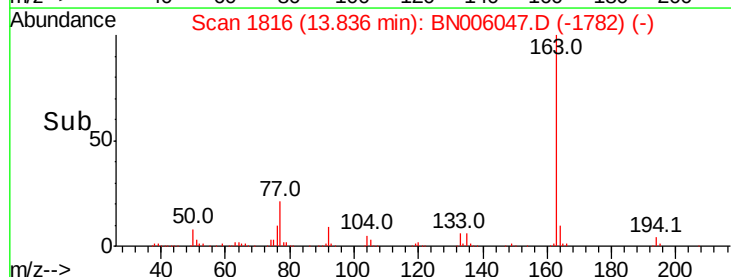
300000

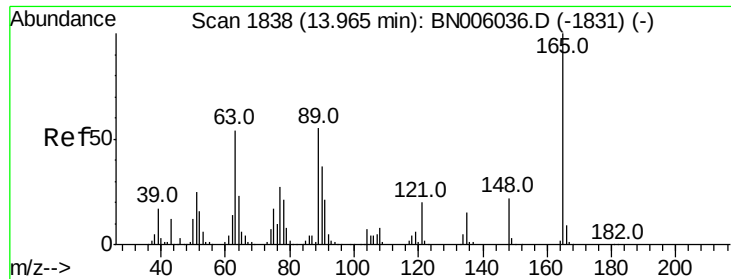
200000

100000

0

Time--> 13.75 13.80 13.85 13.90

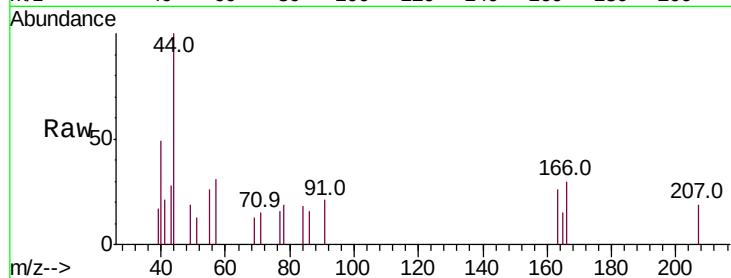




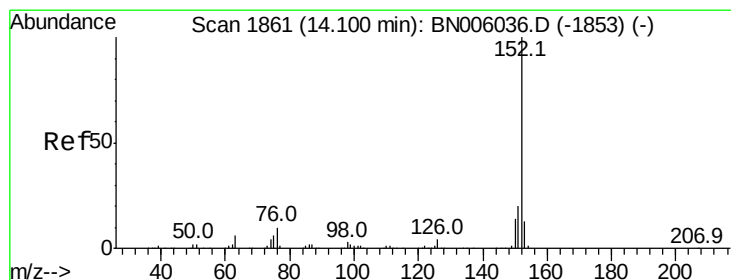
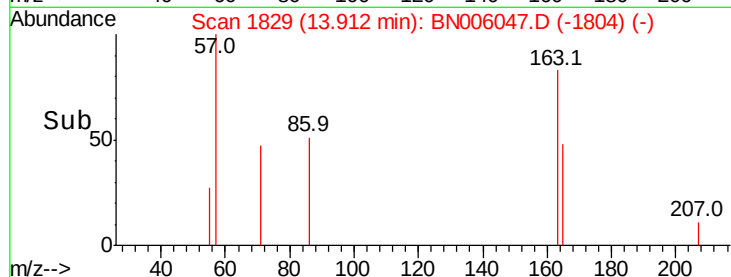
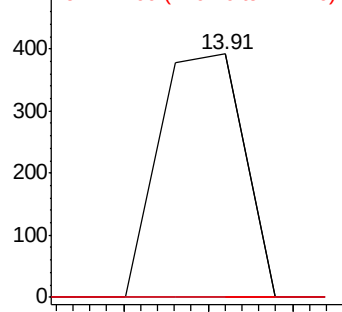
#45
2,6-Dinitrotoluene
Concen: 0.017 ng/ul
RT: 13.91 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 272
Ion Ratio Lower Upper
165 100
89 0.0 44.2 66.2#
121 0.0 15.6 23.4#

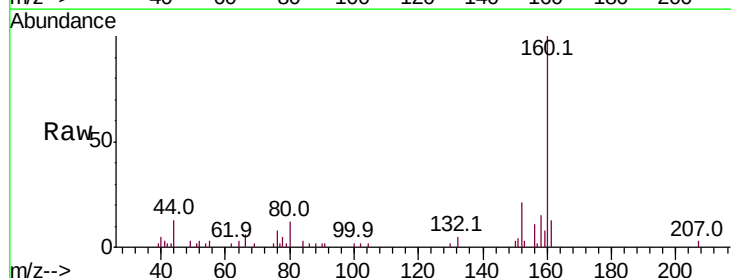


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

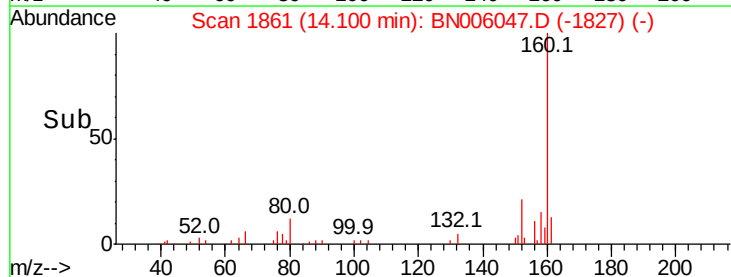
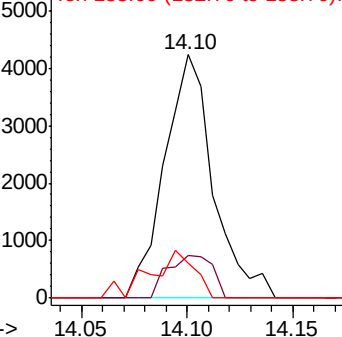


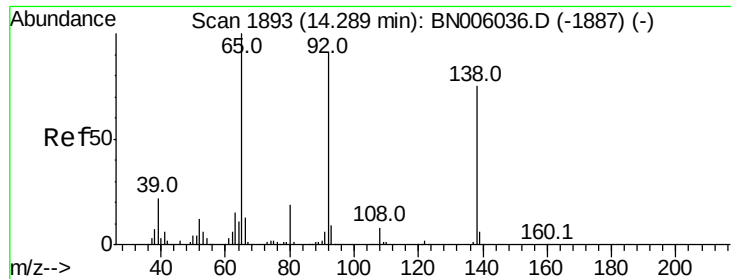
#47
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.10 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Tgt Ion:152 Resp: 6782
Ion Ratio Lower Upper
152 100
151 17.4 16.2 24.2
153 14.1 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

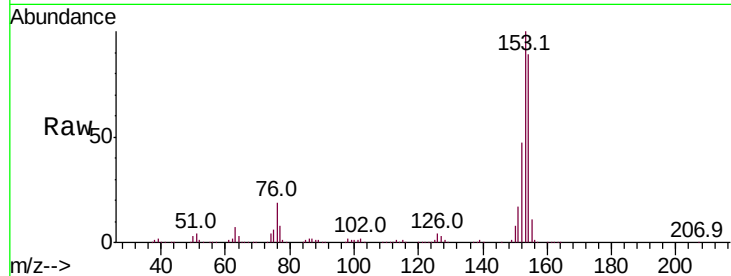




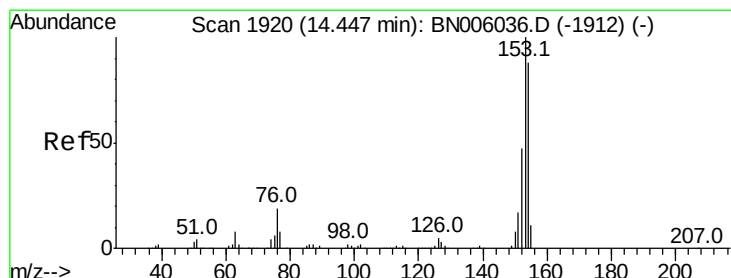
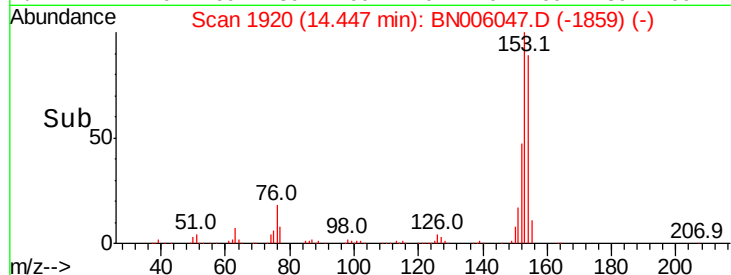
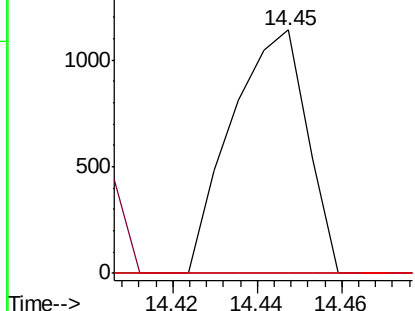
#48
3-Nitroaniline
Concen: 0.088 ng/ul
RT: 14.45 min Scan# 1920
Delta R.T. 0.16 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Instrument :
BNA_N
ClientSampled :

Tot Ion:138 Resp: 1419
Ion Ratio Lower Upper
138 100
108 0.0 9.0 13.6#
92 0.0 97.2 145.8#

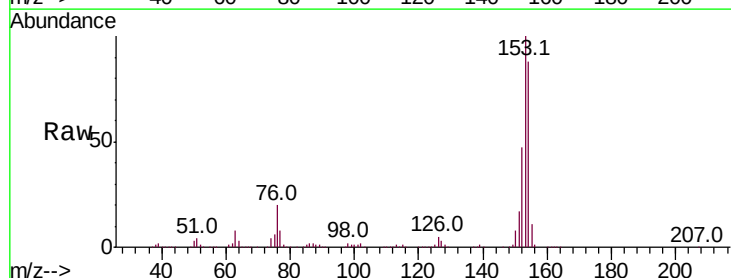


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNO

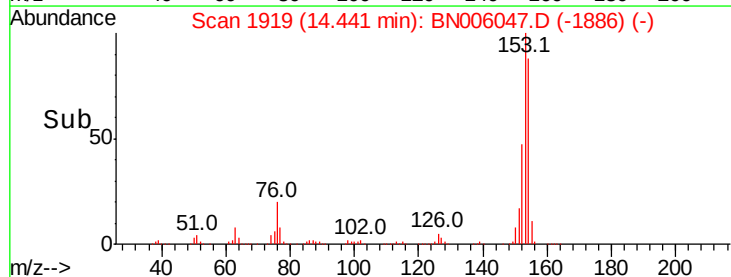
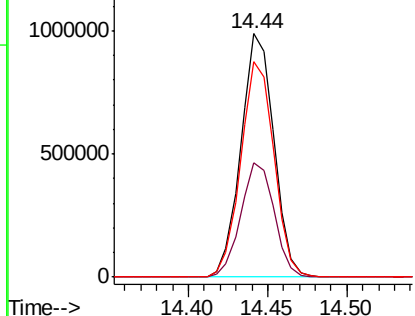


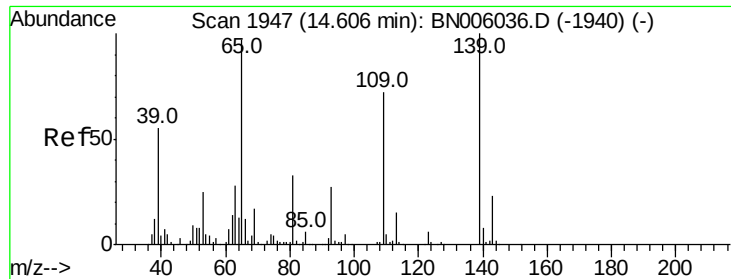
#49
Acenaphthene
Concen: 22.082 ng/ul
RT: 14.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Tgt Ion:153 Resp: 1426225
Ion Ratio Lower Upper
153 100
152 46.8 37.4 56.2
154 88.5 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: 18.167 ng/ul

RT: 14.60 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

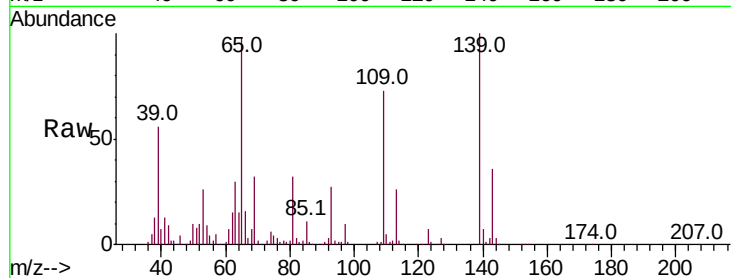
Tot Ion:109 Resp: 192388

Ion Ratio Lower Upper

109 100

139 136.3 111.8 167.6

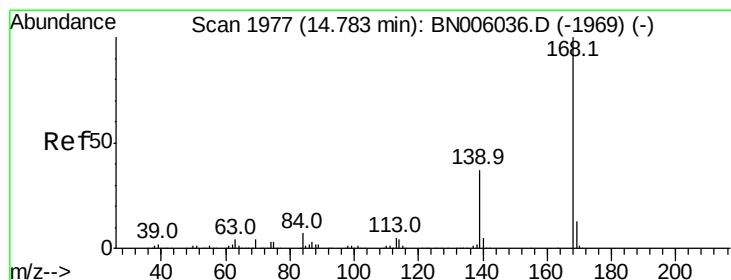
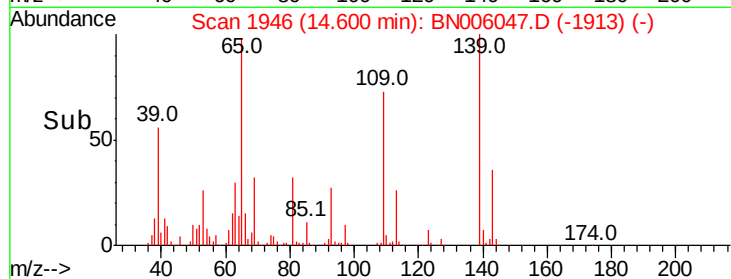
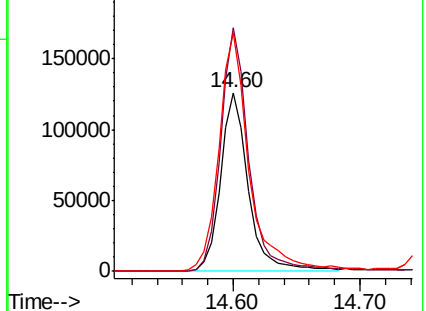
65 133.4 108.5 162.7



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

Dibenzofuran

Concen: 0.020 ng/ul

RT: 14.78 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN006047.D

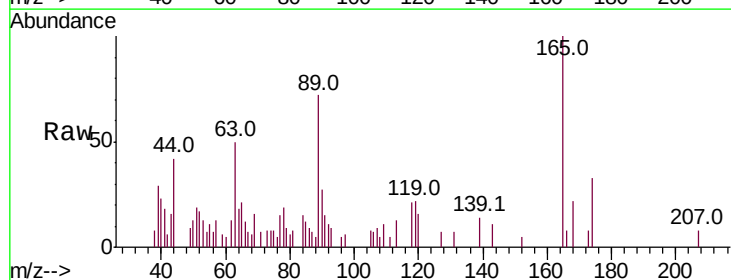
Acq: 03 Jun 2019 21:13

Tgt Ion:168 Resp: 1818

Ion Ratio Lower Upper

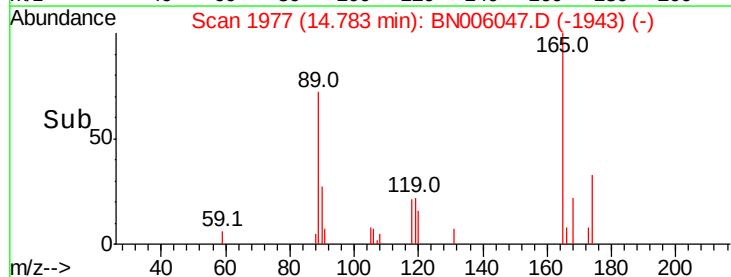
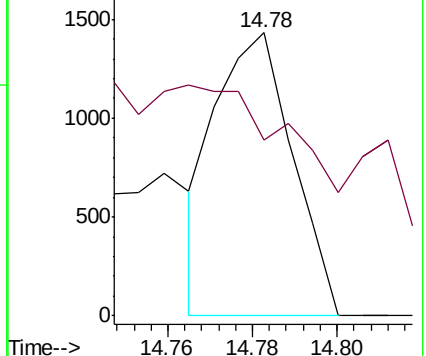
168 100

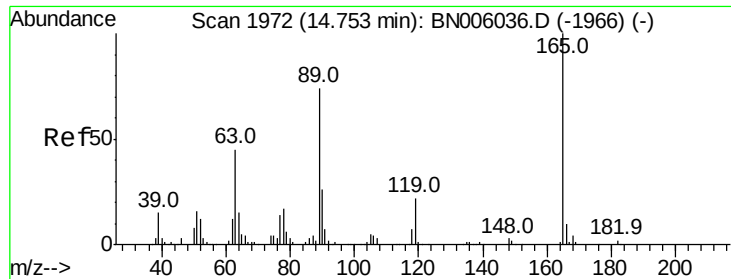
139 62.3 29.8 44.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 23.320 ng/ul

RT: 14.75 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampled :

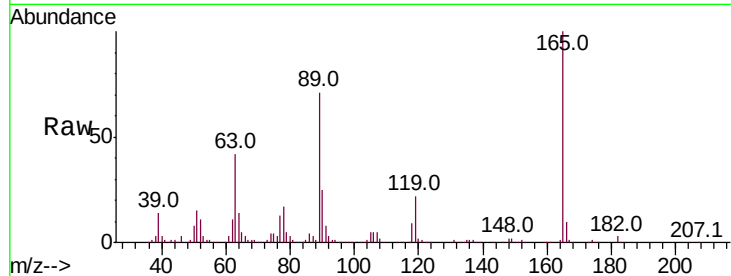
Tot Ion:165 Resp: 510078

Ion Ratio Lower Upper

165 100

63 41.7 36.0 54.0

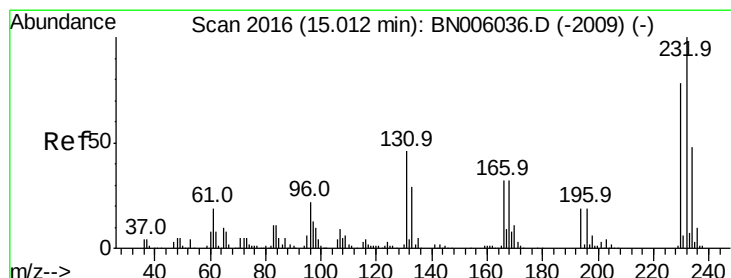
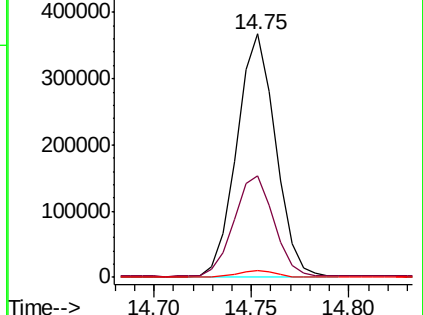
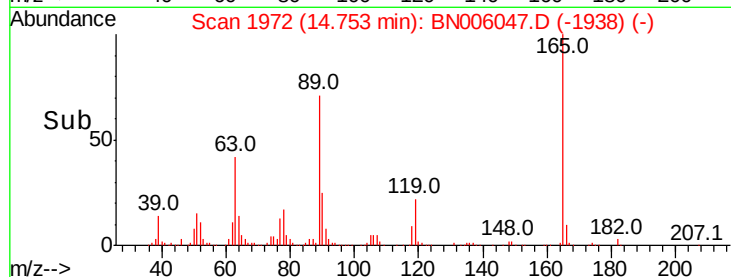
182 3.1 2.4 3.6



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



#55

2,3,4,6-Tetrachlorophenol

Concen: 0.072 ng/ul

RT: 15.01 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Tgt Ion:232 Resp: 1297

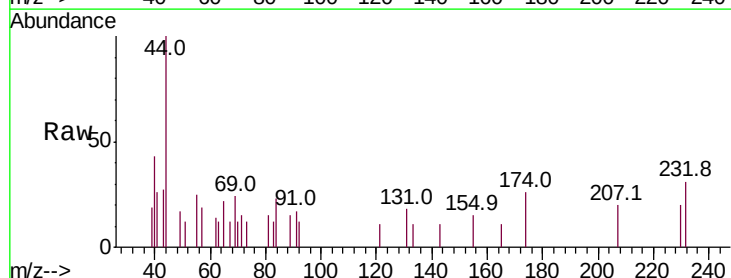
Ion Ratio Lower Upper

232 100

131 58.0 36.9 55.3#

130 0.0 1.8 2.8#

166 0.0 25.9 38.9#

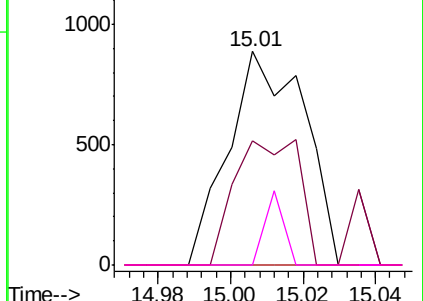
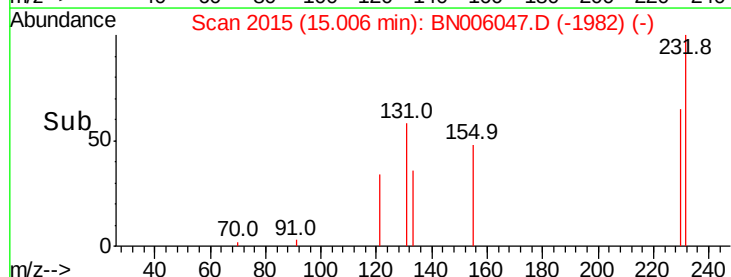


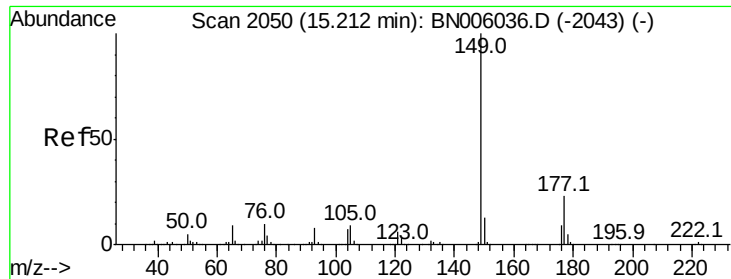
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

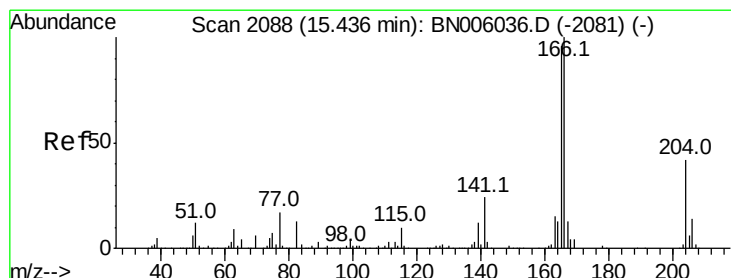
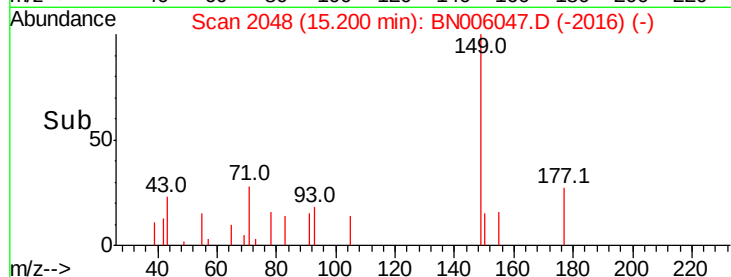
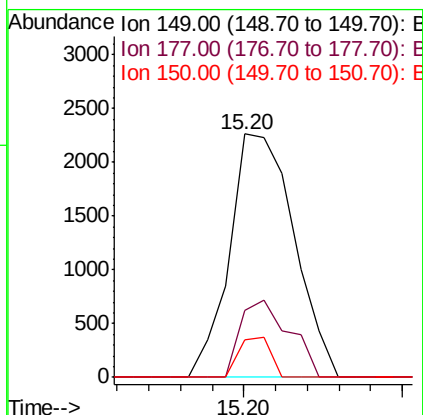
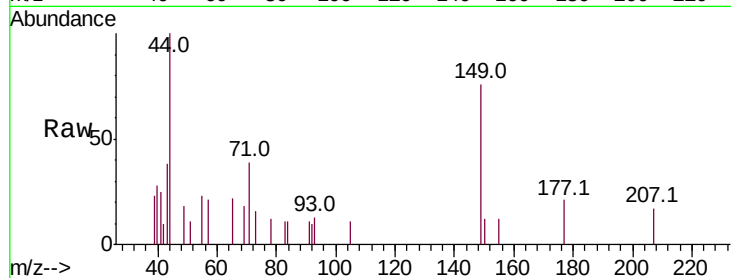




#56
Diethylphthalate
Concen: 0.043 ng/ul
RT: 15.20 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

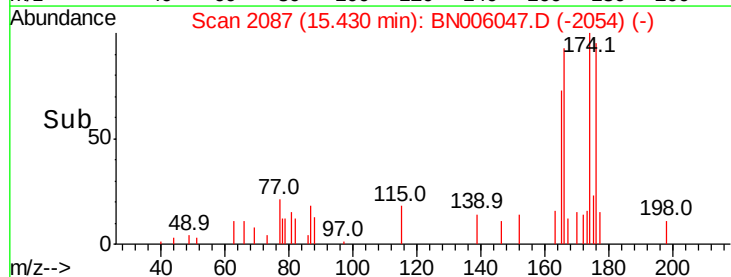
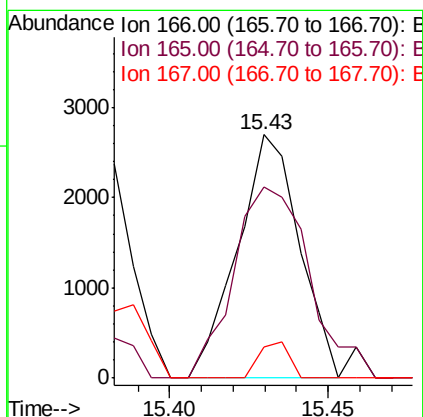
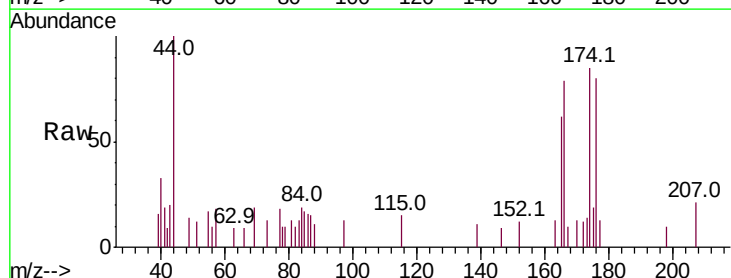
Instrument :
BNA_N
ClientSampled :

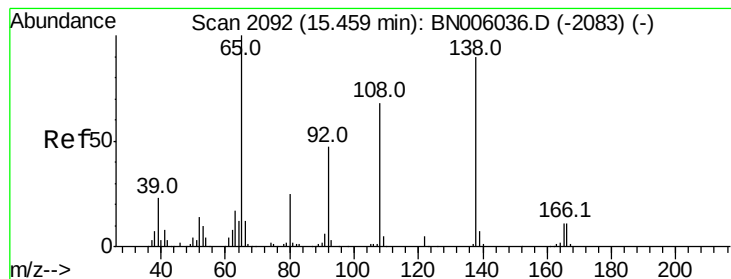
Tot Ion:149 Resp: 3186
Ion Ratio Lower Upper
149 100
177 27.4 18.4 27.6
150 15.4 10.1 15.1#



#58
Fluorene
Concen: 0.052 ng/ul
RT: 15.43 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Tgt Ion:166 Resp: 3664
Ion Ratio Lower Upper
166 100
165 78.7 76.6 115.0
167 12.5 10.8 16.2





#60

4-Nitroaniline

Concen: 0.040 ng/ul

RT: 15.50 min Scan# 2099

Delta R.T. 0.04 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

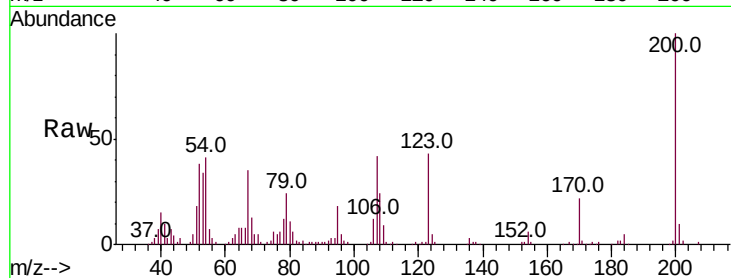
Tot Ion:138 Resp: 742

Ion Ratio Lower Upper

138 100

92 326.9 41.7 62.5#

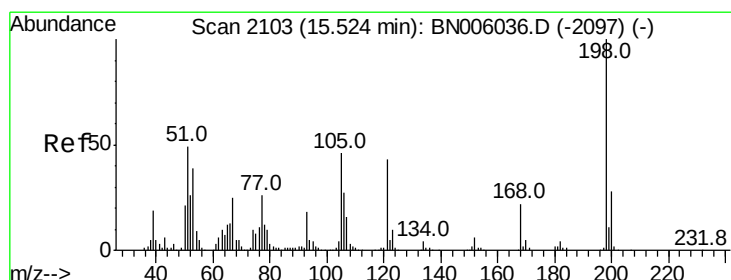
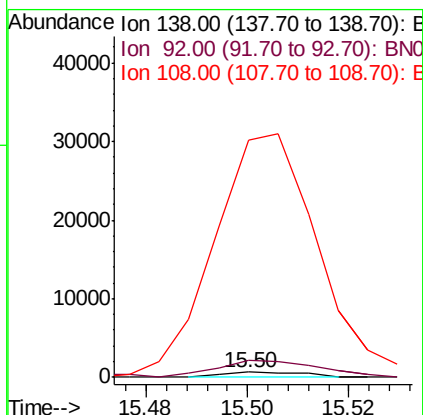
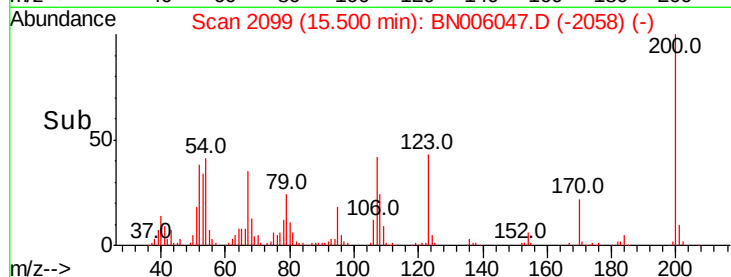
108 4683.6 61.0 91.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNO

Ion 108.00 (107.70 to 108.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 0.056 ng/ul

RT: 15.51 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

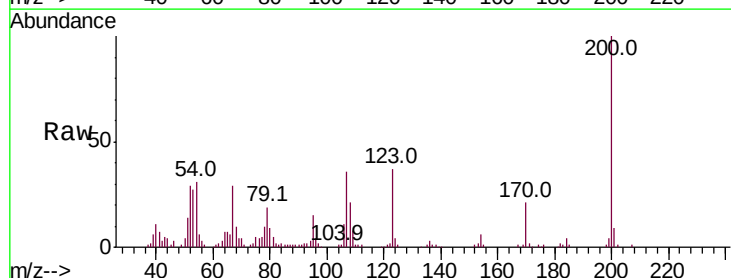
Tgt Ion:198 Resp: 615

Ion Ratio Lower Upper

198 100

182 342.9 3.1 4.7#

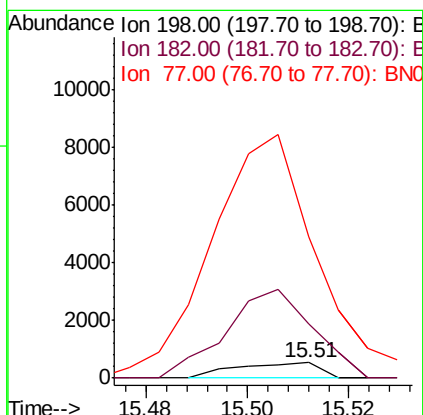
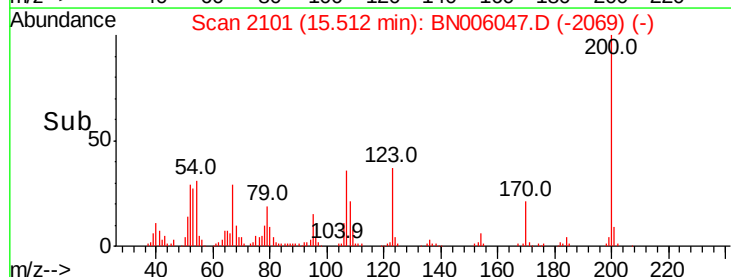
77 900.7 21.5 32.3#

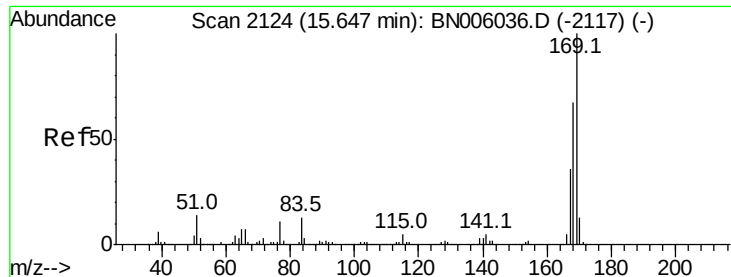


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO

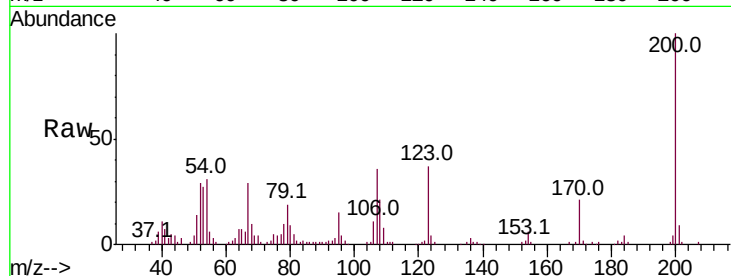




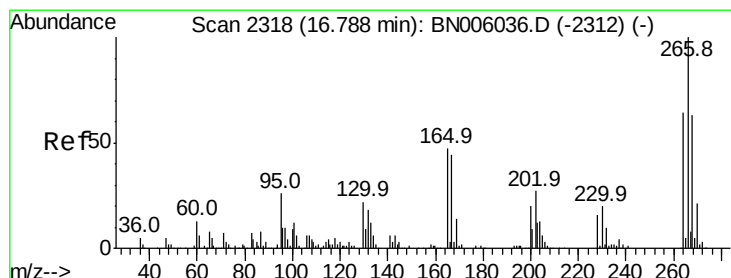
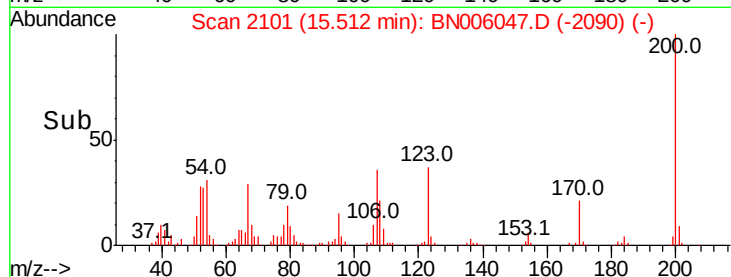
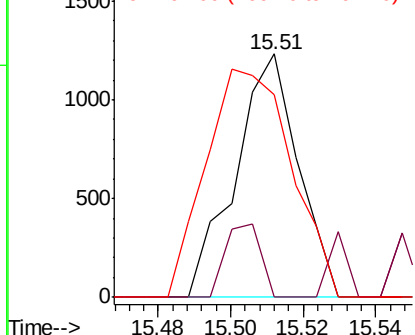
#64
N-Nitrosodiphenylamine
Concen: 0.023 ng/ul
RT: 15.51 min Scan# 2101
Delta R.T. -0.14 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Instrument :
BNA_N
ClientSampleId :

Tot Ion:169 Resp: 1479
Ion Ratio Lower Upper
169 100
168 0.0 53.4 80.2#
167 83.4 28.6 42.8#

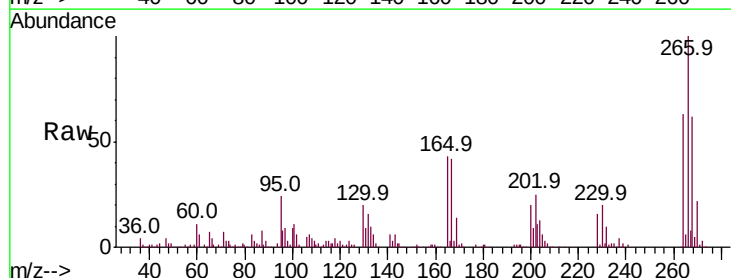


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

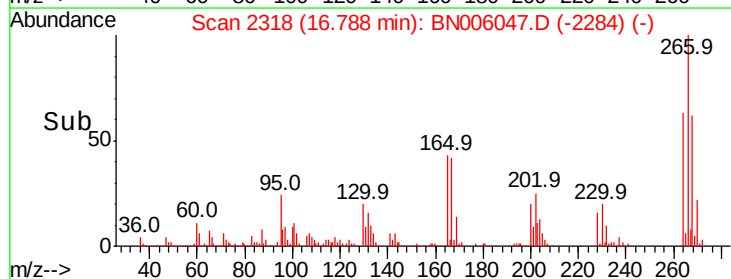
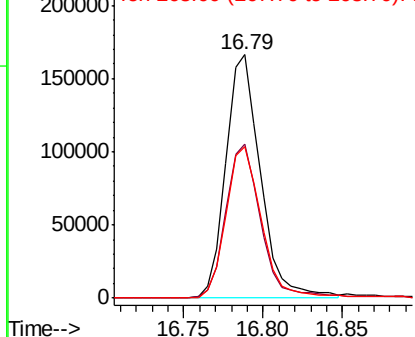


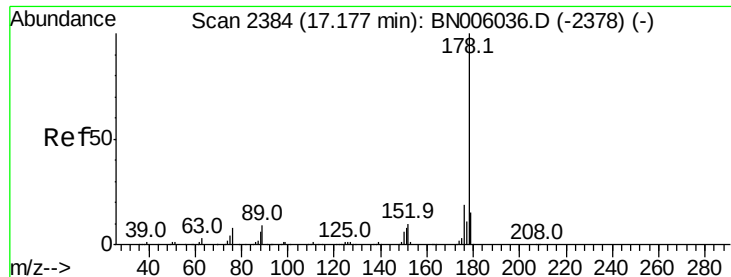
#68
Pentachlorophenol
Concen: 19.363 ng/ul
RT: 16.79 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Tgt Ion:266 Resp: 253014
Ion Ratio Lower Upper
266 100
264 63.5 50.8 76.2
268 62.3 50.7 76.1



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





#69

Phenanthrene

Concen: 0.743 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

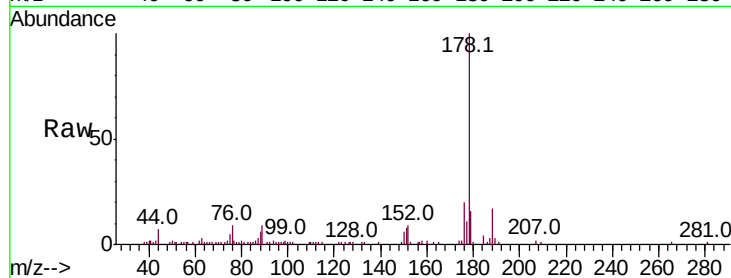
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 80227

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.7	15.0	22.4

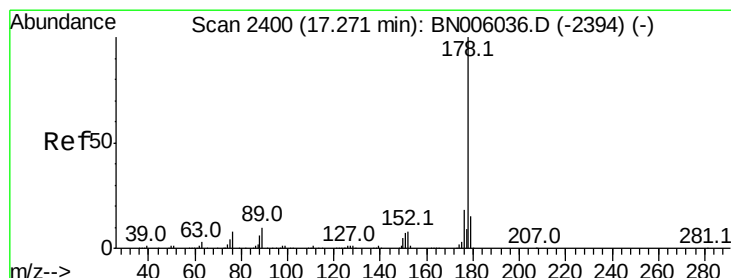
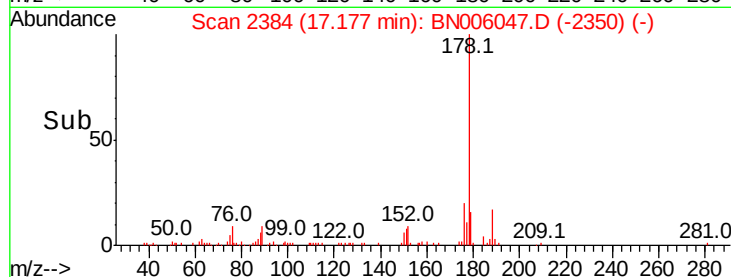
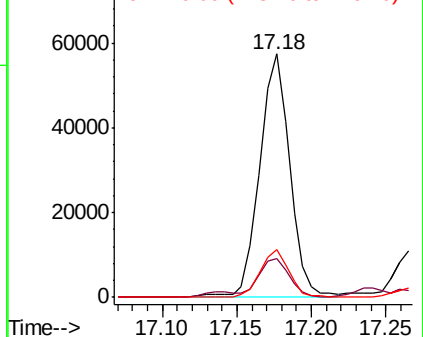


Abundance

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: 0.156 ng/ul

RT: 17.26 min Scan# 2399

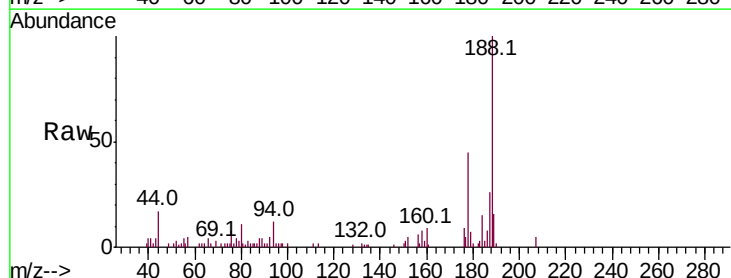
Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Tgt Ion:178 Resp: 17066

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.4	18.6
176	19.9	14.8	22.2

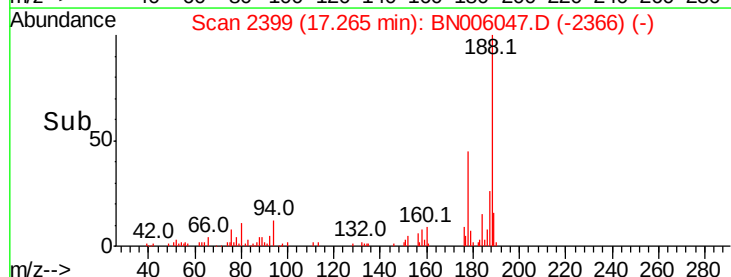
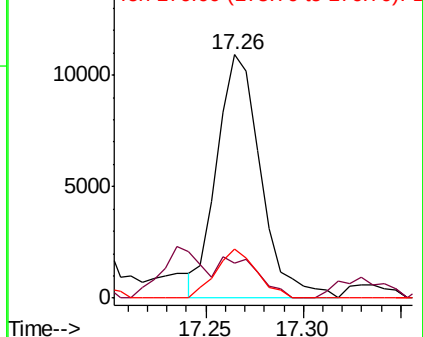


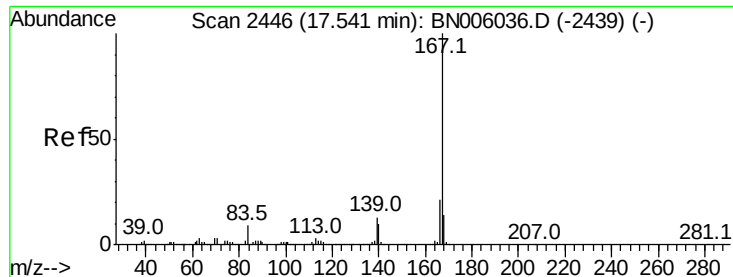
Abundance

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: 0.075 ng/ul

RT: 17.54 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

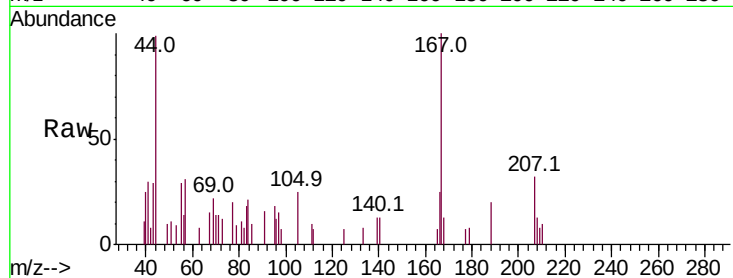
Tot Ion:167 Resp: 7083

Ion Ratio Lower Upper

167 100

166 24.7 17.0 25.6

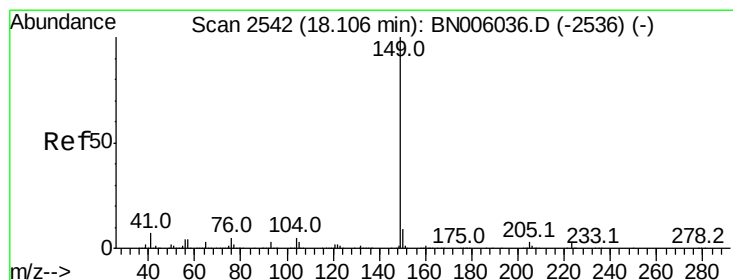
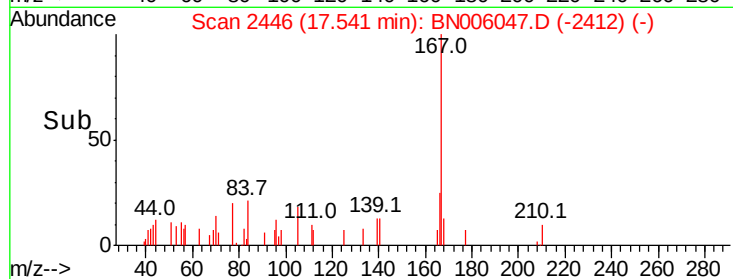
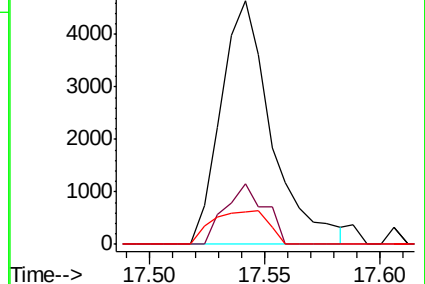
139 13.5 10.4 15.6



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: 0.082 ng/ul

RT: 18.11 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

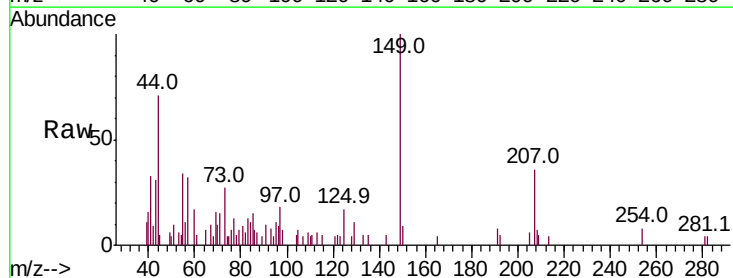
Tgt Ion:149 Resp: 9870

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

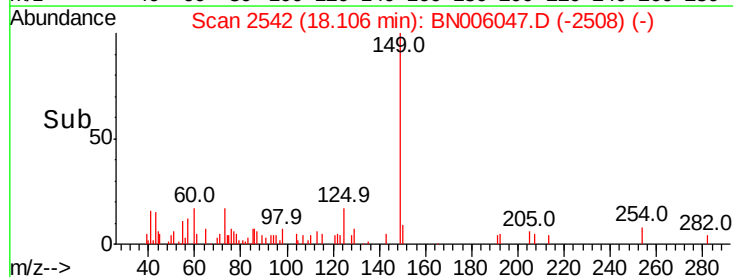
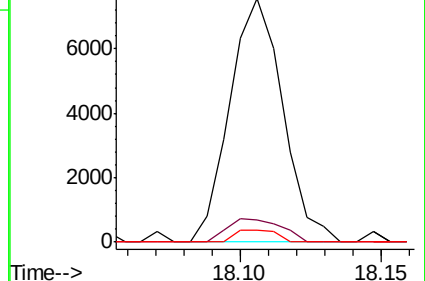
104 5.2 4.2 6.2

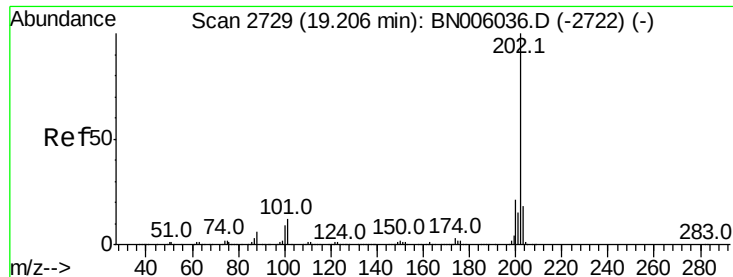


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 1.672 ng/ul

RT: 19.20 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

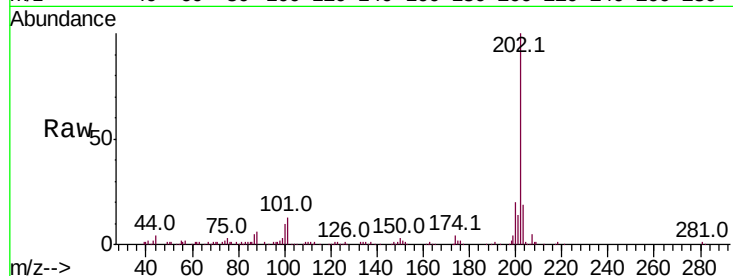
Tot Ion:202 Resp: 175589

Ion Ratio Lower Upper

202 100

101 13.3 9.6 14.4

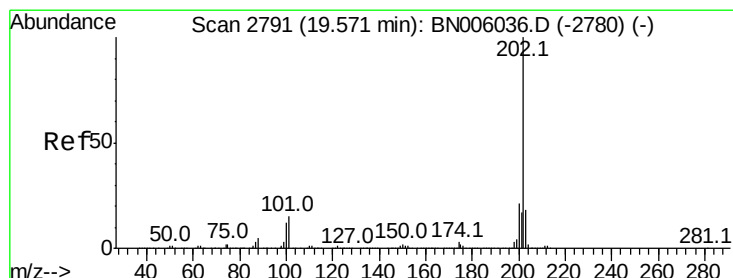
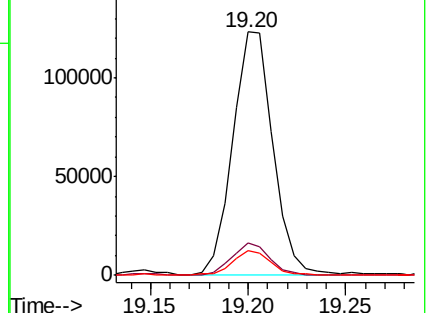
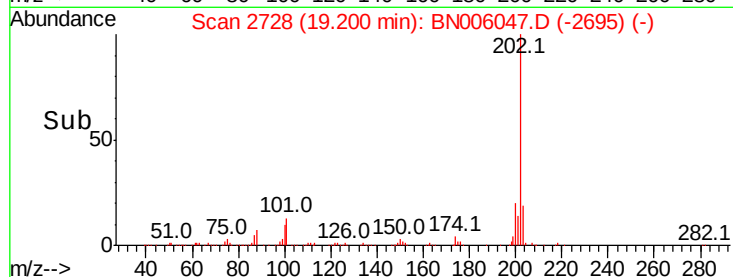
100 10.1 7.1 10.7



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: 24.711 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

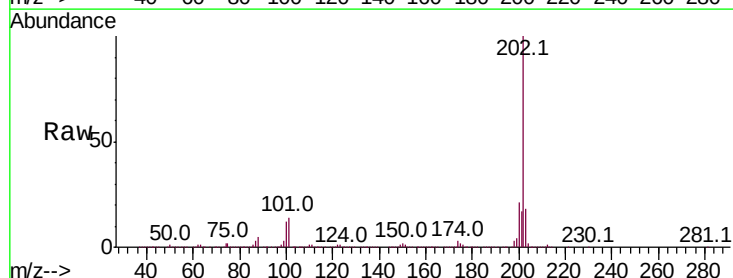
Tgt Ion:202 Resp: 2765788

Ion Ratio Lower Upper

202 100

101 14.2 11.6 17.4

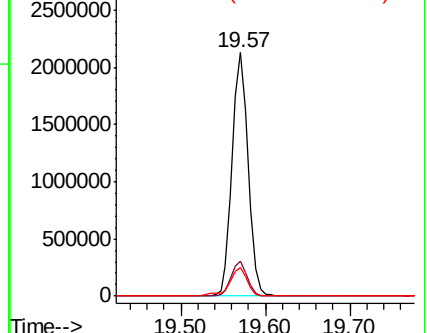
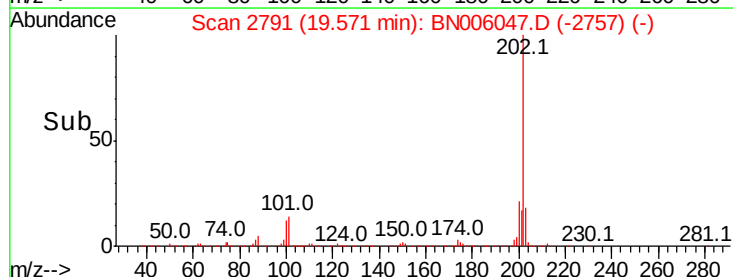
100 11.6 9.4 14.2

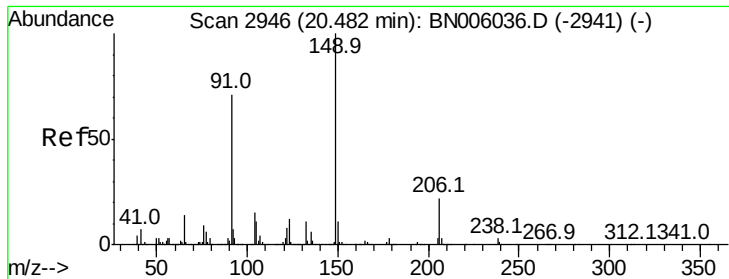


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

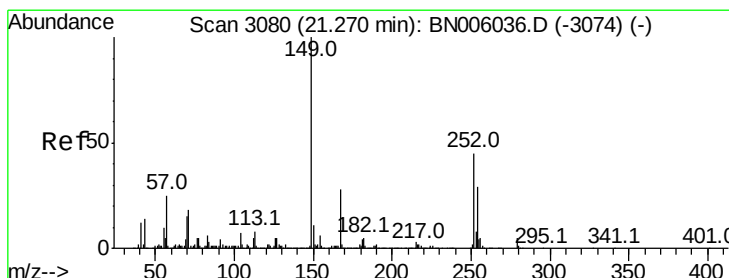
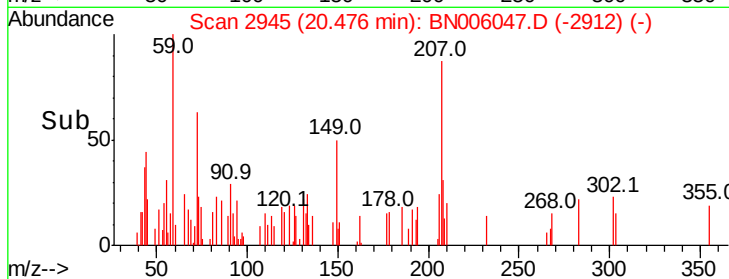
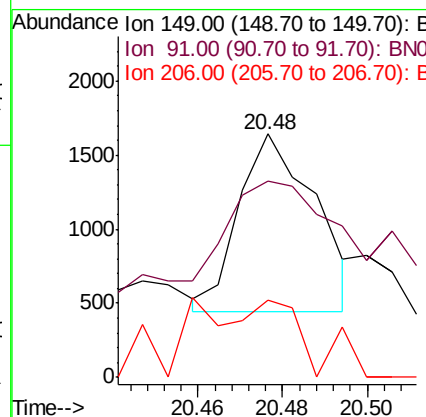
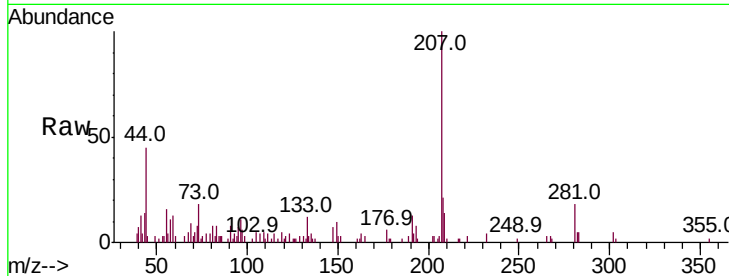




#80
 Butylbenzylphthalate
 Concen: 0.030 ng/ul
 RT: 20.48 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BN006047.D
 Acq: 03 Jun 2019 21:13

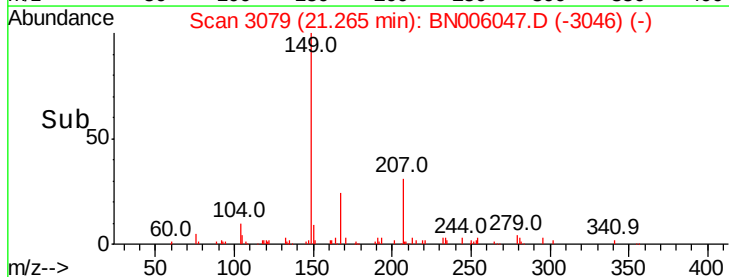
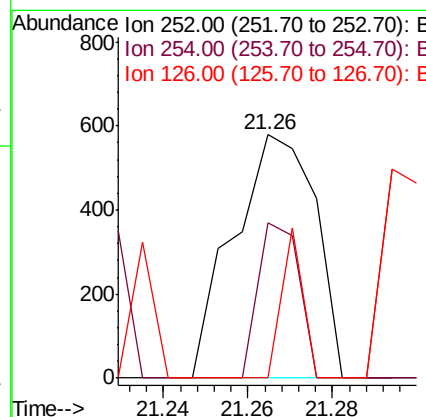
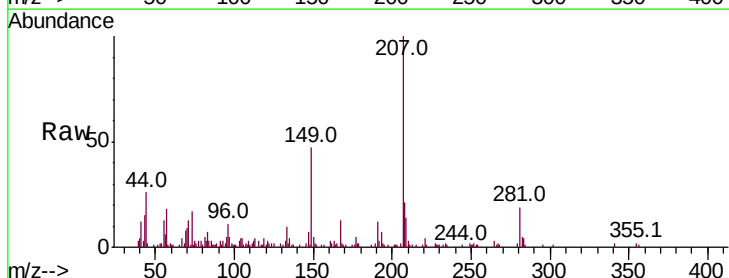
Instrument :
 BNA_N
 Client Sampled :

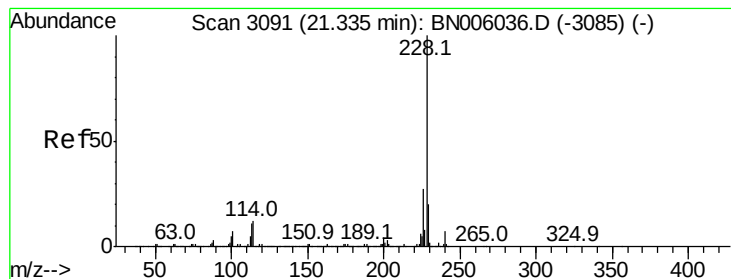
Tot Ion	Ratio	Lower	Upper
149	100		
91	80.4	57.0	85.6
206	31.5	17.4	26.2



#81
 3,3'-Dichlorobenzidine
 Concen: 0.026 ng/ul
 RT: 21.26 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BN006047.D
 Acq: 03 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.7	76.1
126	0.0	9.0	13.6





#82

Benzo(a)anthracene

Concen: 0.702 ng/ul

RT: 21.34 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

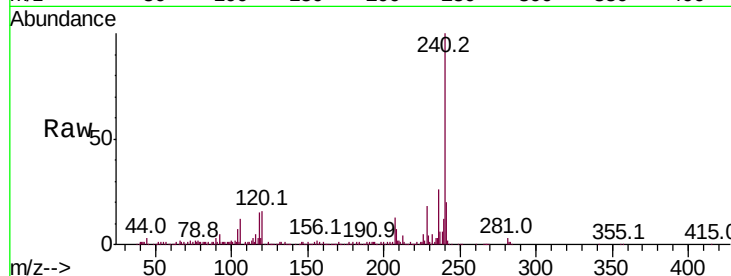
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 67336

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	27.4	21.6	32.4

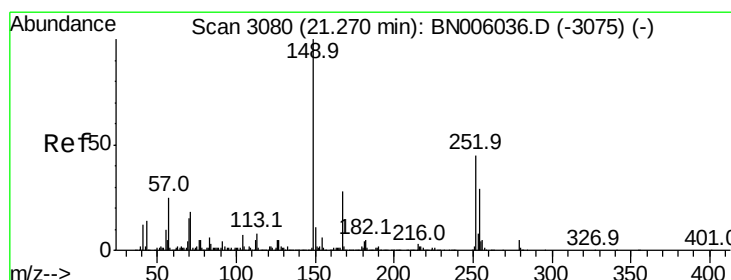
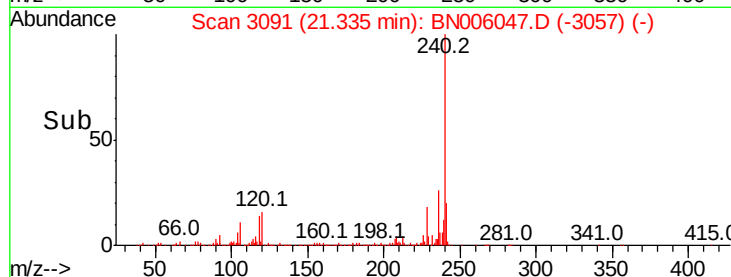
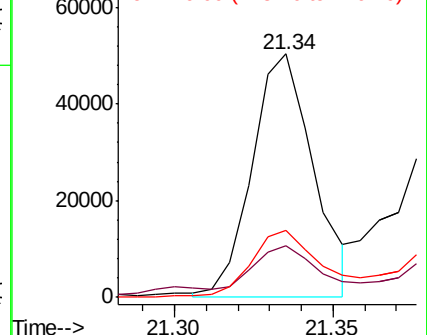


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.241 ng/ul

RT: 21.26 min Scan# 3079

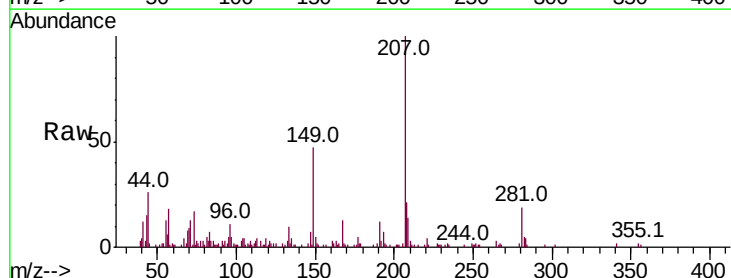
Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Tgt Ion:149 Resp: 16765

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	3.6	3.6	5.4

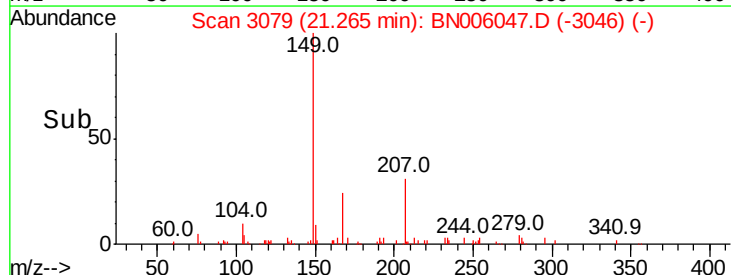
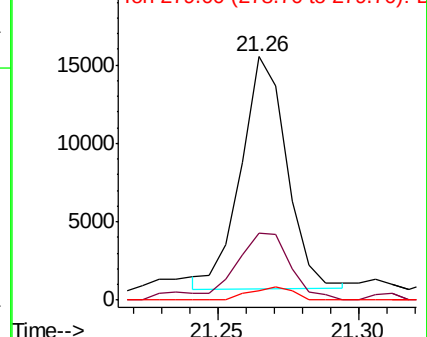


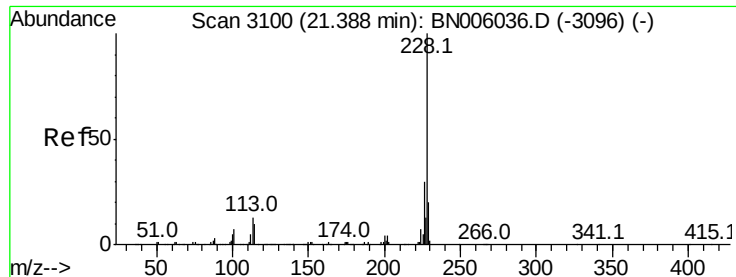
Abundance

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





#84

Chrysene

Concen: 0.878 ng/ul

RT: 21.39 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

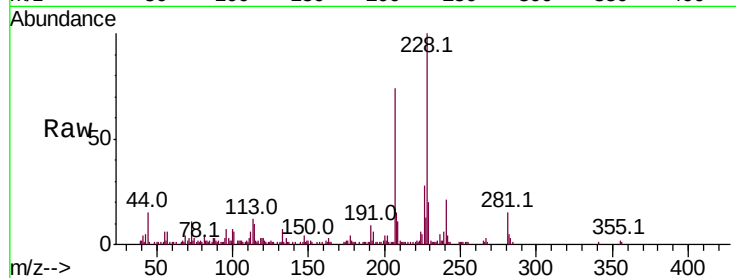
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 79676

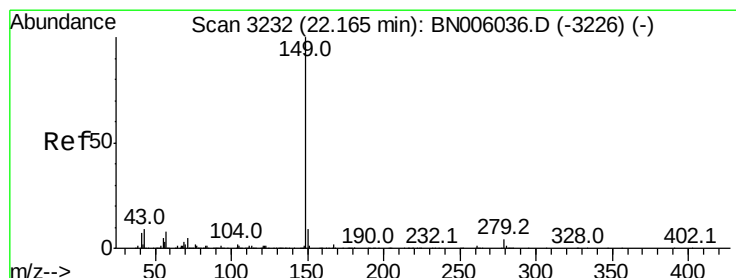
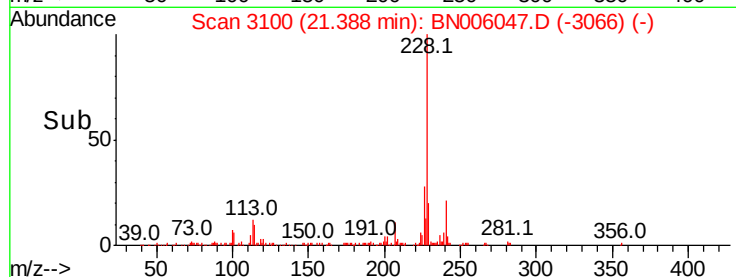
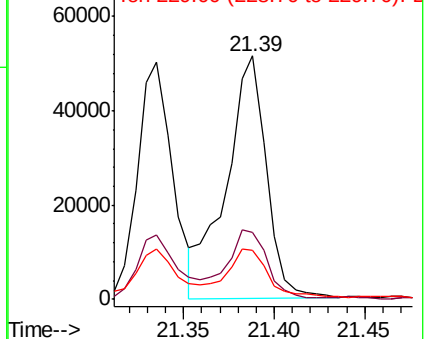
Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.2	36.4
229	20.1	16.3	24.5



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: 0.013 ng/ul

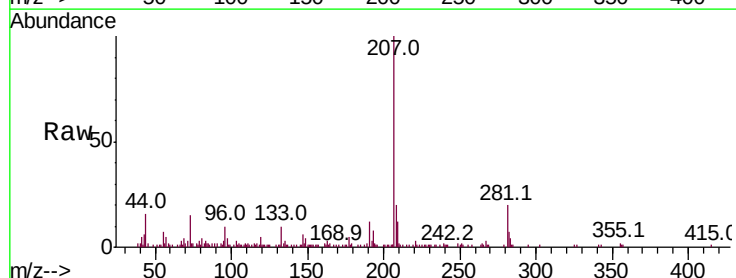
RT: 22.16 min Scan# 3232

Delta R.T. -0.00 min

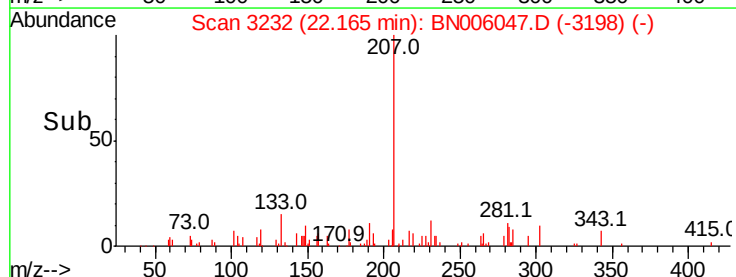
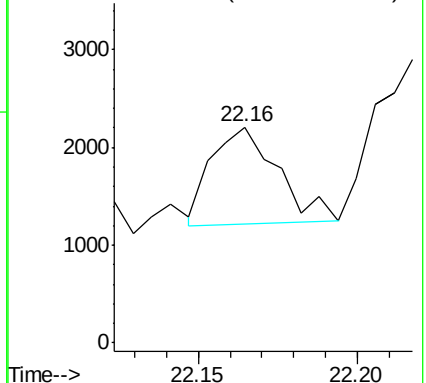
Lab File: BN006047.D

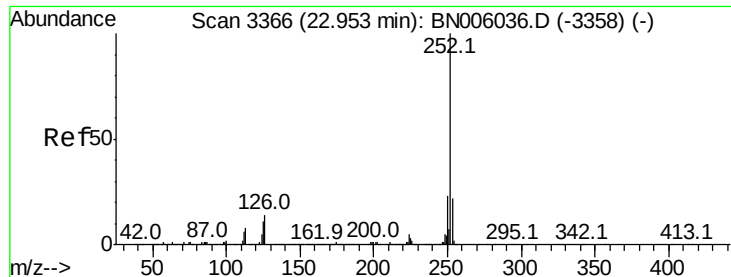
Acq: 03 Jun 2019 21:13

Tgt Ion:149 Resp: 1443



Abundance Ion 149.00 (148.70 to 149.70): E

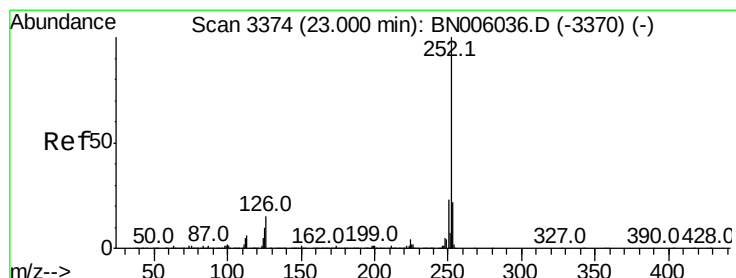
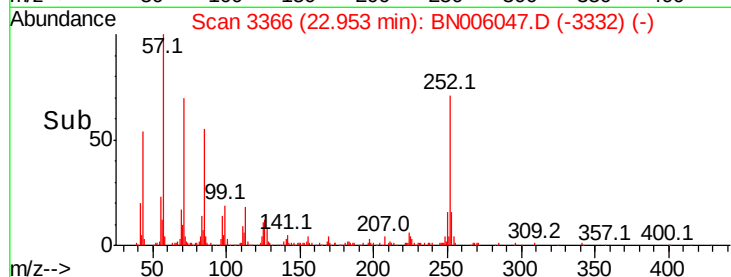
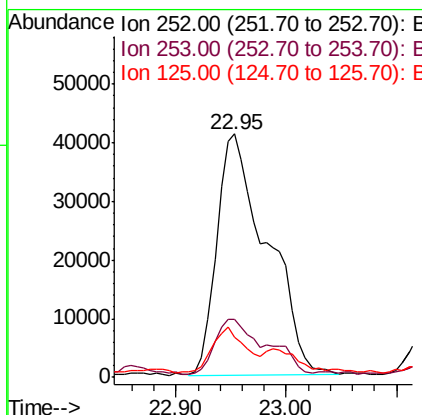
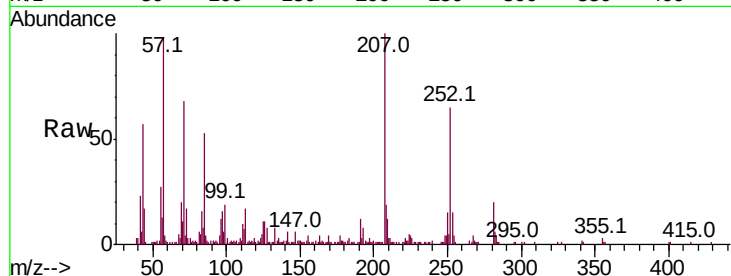




#87
Benzo(b)fluoranthene
Concen: 1.487 ng/ul
RT: 22.95 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

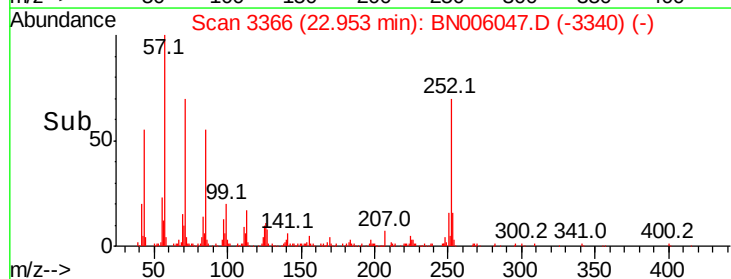
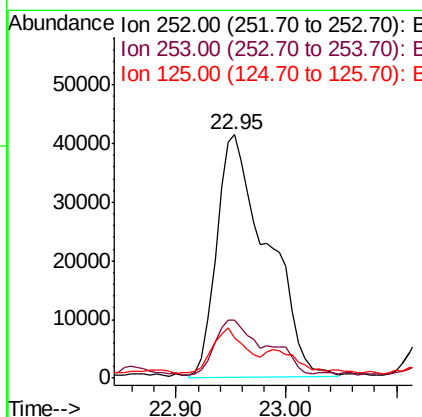
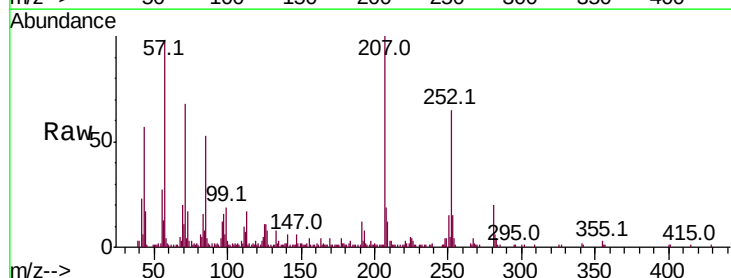
Instrument :
BNA_N
ClientSampled :

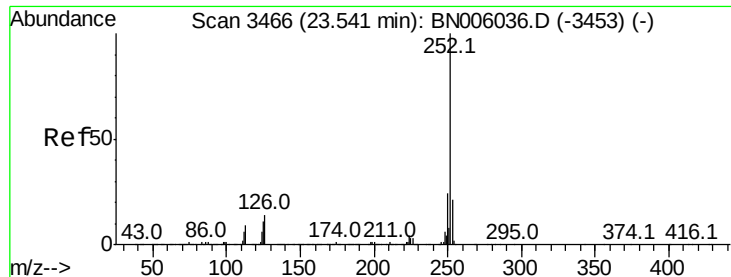
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	16.6	8.5	12.7#



#88
Benzo(k)fluoranthene
Concen: 1.539 ng/ul
RT: 22.95 min Scan# 3366
Delta R.T. -0.05 min
Lab File: BN006047.D
Acq: 03 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	16.6	8.2	12.4#





#90

Benzo(a)pyrene

Concen: 0.743 ng/ul

RT: 23.54 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

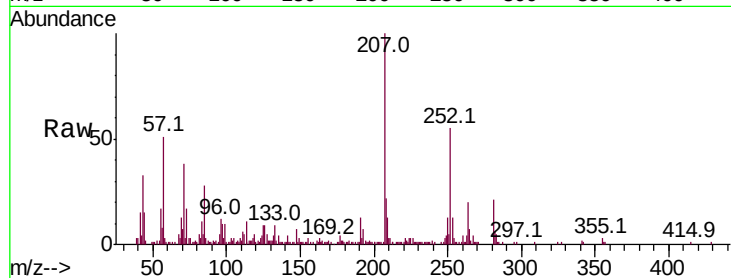
Tot Ion:252 Resp: 62349

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

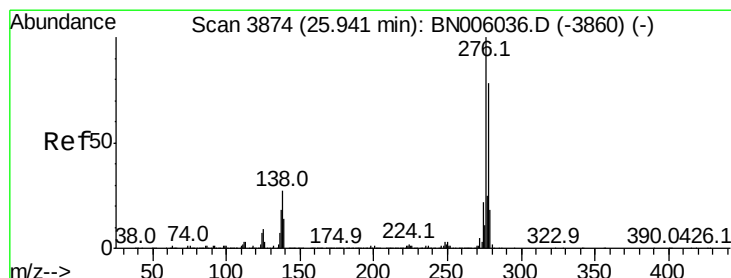
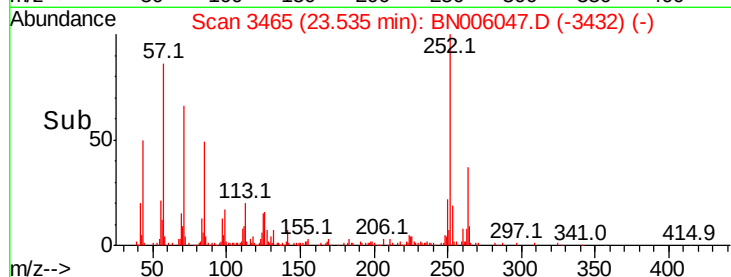
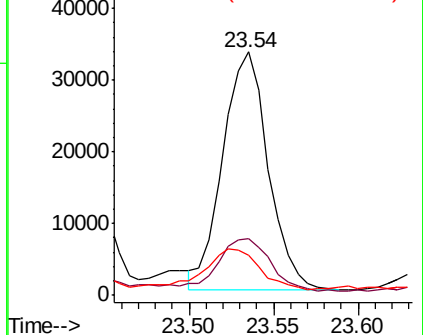
125 16.7 9.2 13.8#



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: 0.472 ng/ul

RT: 25.92 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

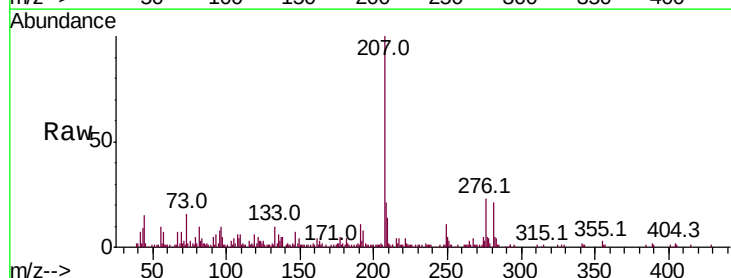
Tgt Ion:276 Resp: 45594

Ion Ratio Lower Upper

276 100

138 22.9 21.4 32.2

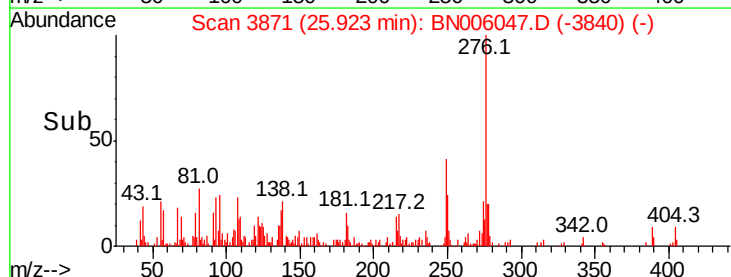
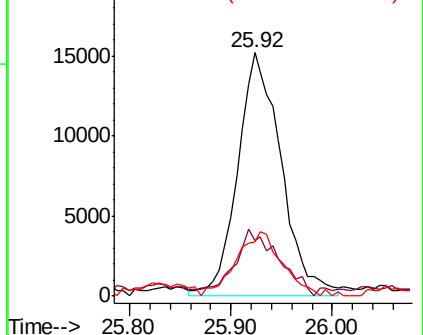
277 22.4 20.2 30.2

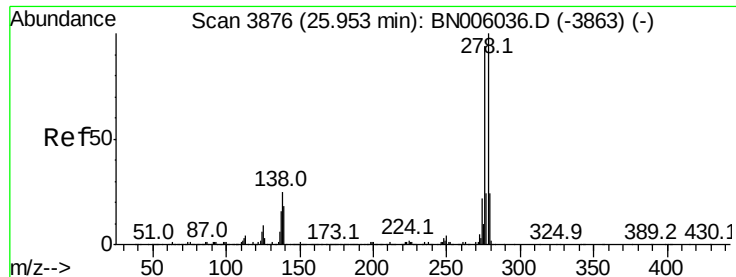


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 0.075 ng/ul

RT: 25.93 min Scan# 3873

Delta R.T. -0.02 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

Instrument :

BNA_N

ClientSampleId :

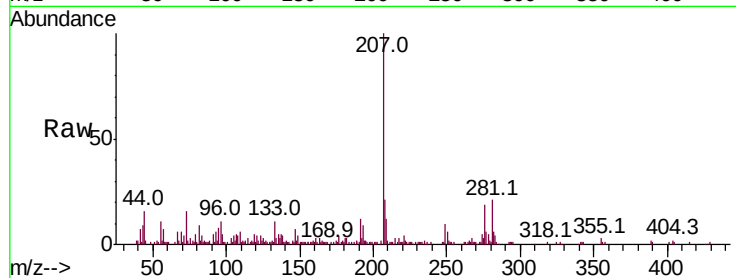
Tot Ion:278 Resp: 6135

Ion Ratio Lower Upper

278 100

139 16.1 14.2 21.2

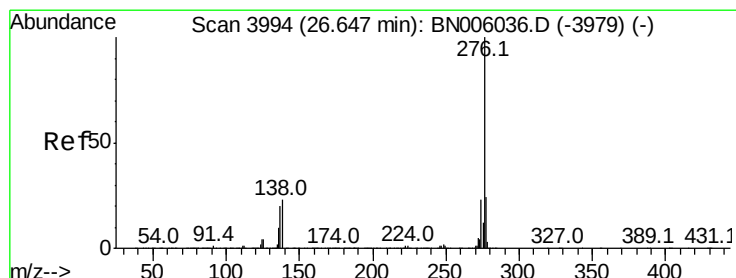
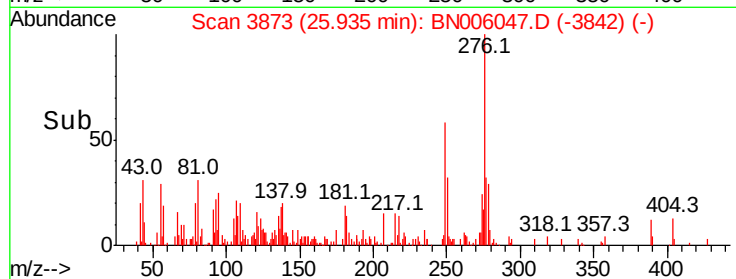
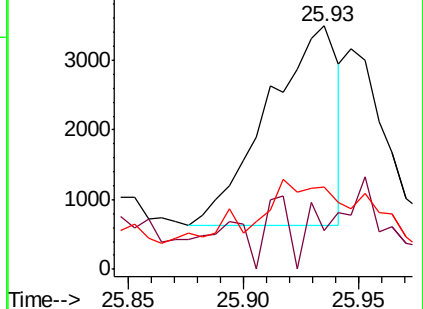
279 33.6 19.4 29.0#



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: 0.494 ng/ul

RT: 26.63 min Scan# 3991

Delta R.T. -0.02 min

Lab File: BN006047.D

Acq: 03 Jun 2019 21:13

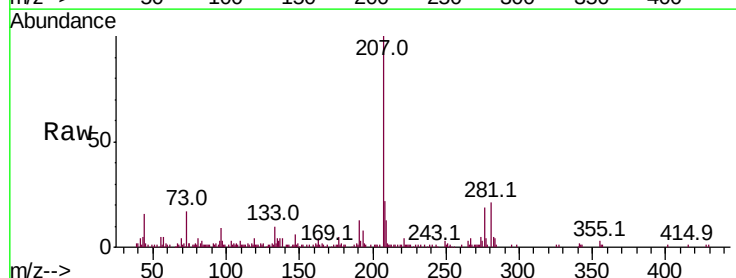
Tgt Ion:276 Resp: 39313

Ion Ratio Lower Upper

276 100

138 21.6 18.8 28.2

277 23.5 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

