

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006050.D
 Acq On : 03 Jun 2019 22:56
 Operator : JU/SJ
 Sample : K2925-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:27:36 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	442208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1917920	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1108568	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2281192	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1513076	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1590776	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	28386	2.99	ng/uL	0.00
5) Phenol-d5	6.89	99	474667	12.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	383116	18.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	457684	15.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	330769	11.31	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	258444	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	263867	17.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	421287	15.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	90581	2.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1563241	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1889601	18.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	67380	4.65	ng/ul	0.00
57) Fluorene-d10	15.38	176	1333213	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	90348	8.17	ng/ul	0.00
70) Anthracene-d10	17.23	188	1806700	18.90	ng/ul	0.00
78) Pyrene-d10	19.54	212	1738406	20.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1353342	19.15	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	223	0.022	ng/uL# 1
4) Benzaldehyde	6.87	77	12515	0.503	ng/ul 94
6) Phenol	6.92	94	495565	13.280	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.16	93	651	0.023	ng/ul# 22
10) 2-Chlorophenol	7.29	128	458934	15.663	ng/ul 99
14) Acetophenone	8.54	105	32803	0.758	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.52	70	425590	18.986	ng/ul 100
16) 4-Methylphenol	8.49	108	217	0.007	ng/ul 87
17) Hexachloroethane	8.89	117	543	0.050	ng/ul# 8
20) Nitrobenzene	8.94	77	131	0.004	ng/ul# 39
21) Isophorone	9.46	82	297	0.005	ng/ul# 66
28) Naphthalene	10.57	128	6574	0.073	ng/ul# 89
30) 4-Chloroaniline	10.57	127	378	0.011	ng/ul# 1
32) Caprolactam	11.46	113	729	0.072	ng/ul 91
33) 4-Chloro-3-methylphenol	11.81	107	442782	14.328	ng/ul 98
34) 2-Methylnaphthalene	12.18	142	11922	0.185	ng/ul 100
40) 1,1'-Biphenyl	13.21	154	3471	0.042	ng/ul# 90
42) 2-Nitroaniline	13.54	65	246	0.013	ng/ul# 3
44) Dimethylphthalate	13.84	163	342873	4.417	ng/ul 99
45) 2,6-Dinitrotoluene	13.95	165	132	0.008	ng/ul# 33
47) Acenaphthylene	14.10	152	14004	0.141	ng/ul# 86
48) 3-Nitroaniline	14.45	138	1228	0.073	ng/ul# 1
49) Acenaphthene	14.44	153	1445143	21.637	ng/ul 98

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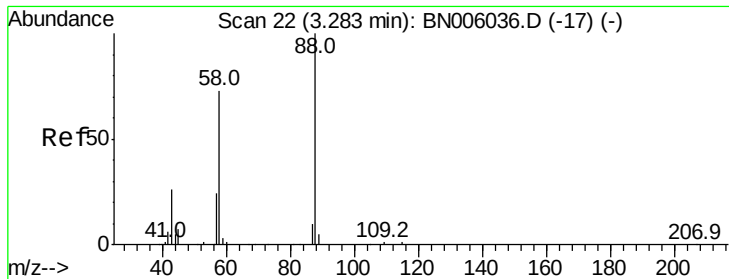
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 01:27:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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

52) 4-Nitrophenol	14.60	109	59864	5.466	ng/ul	94
53) Dibenzofuran	14.78	168	19026	0.201	ng/ul	96
54) 2,4-Dinitrotoluene	14.75	165	434854	19.225	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.01	232	1171	0.063	ng/ul#	70
56) Diethylphthalate	15.21	149	3744	0.049	ng/ul#	80
58) Fluorene	15.43	166	103452	1.412	ng/ul	99
60) 4-Nitroaniline	15.43	138	1064	0.055	ng/ul#	17
63) 4,6-Dinitro-2-methylphenol	15.51	198	245	0.022	ng/ul#	1
64) N-Nitrosodiphenylamine	15.64	169	3660	0.056	ng/ul#	1
68) Pentachlorophenol	16.79	266	217007	16.194	ng/ul	98
69) Phenanthrene	17.18	178	1897750	17.143	ng/ul	100
71) Anthracene	17.26	178	187054	1.664	ng/ul	99
74) Carbazole	17.54	167	55387	0.573	ng/ul	97
75) Di-n-butylphthalate	18.11	149	25112	0.203	ng/ul#	96
76) Fluoranthene	19.20	202	1973034	18.315	ng/ul	99
79) Pyrene	19.57	202	4156334	38.113	ng/ul	99
80) Butylbenzylphthalate	20.48	149	3761	0.076	ng/ul#	52
81) 3,3'-Dichlorobenzidine	21.26	252	349	0.012	ng/ul#	44
82) Benzo(a)anthracene	21.33	228	637764	6.822	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.26	149	233147	3.438	ng/ul	99
84) Chrysene	21.38	228	800509	9.050	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	1869	0.017	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	769587	8.771	ng/ul#	90
88) Benzo(k)fluoranthene	22.99	252	255295	3.003	ng/ul#	91
90) Benzo(a)pyrene	23.53	252	520093	6.234	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.92	276	346489	3.608	ng/ul	97
92) Dibenzo(a,h)anthracene	25.93	278	86864	1.073	ng/ul#	90
93) Benzo(a,h,i)perylene	26.64	276	338497	4.282	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.022 ng/uL

RT: 3.28 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampleId :

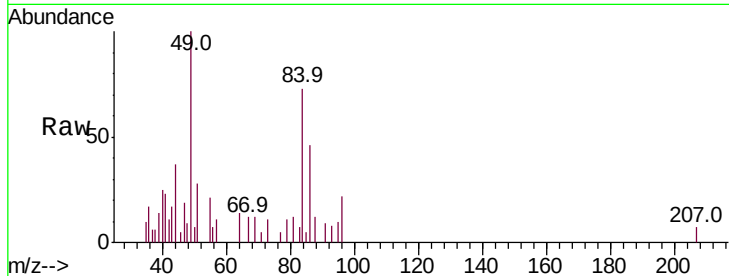
Tot Ion: 88 Resp: 223

Ion Ratio Lower Upper

88 100

43 148.7 23.3 34.9#

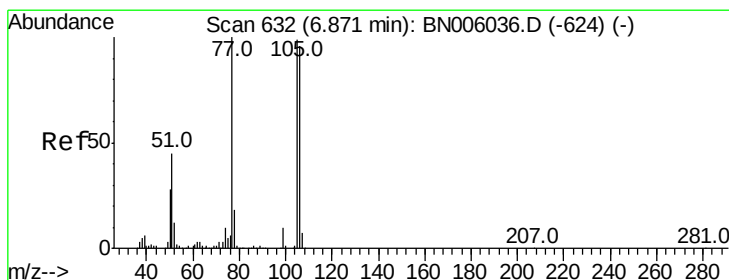
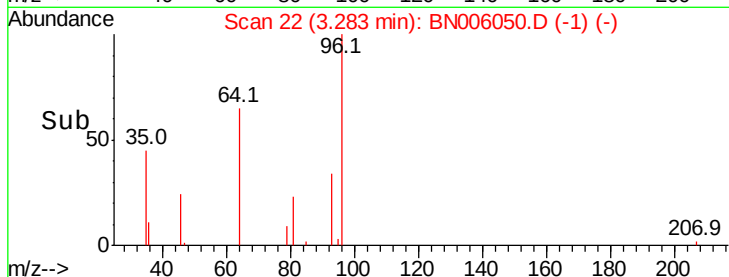
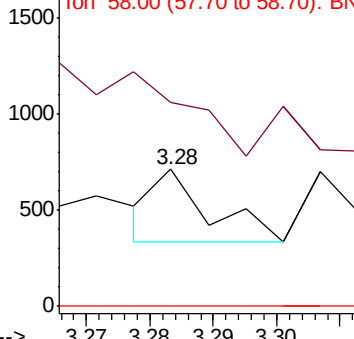
58 0.0 59.0 88.4#



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: 0.503 ng/uL

RT: 6.87 min Scan# 632

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

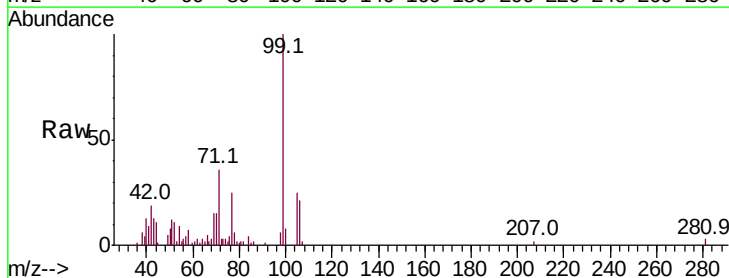
Tgt Ion: 77 Resp: 12515

Ion Ratio Lower Upper

77 100

105 97.8 79.4 119.2

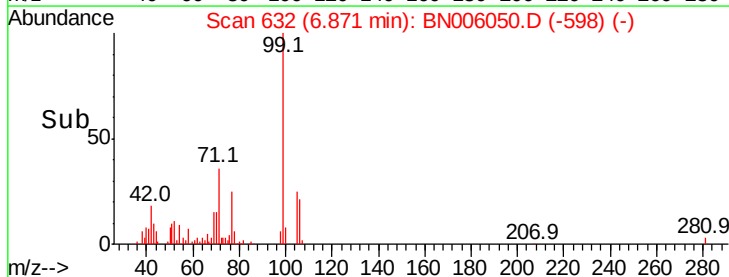
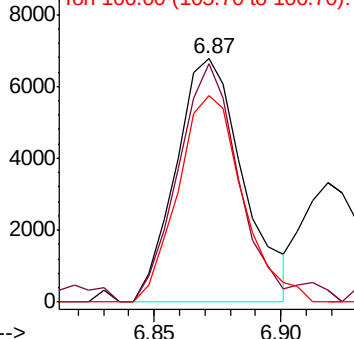
106 84.9 76.7 115.1

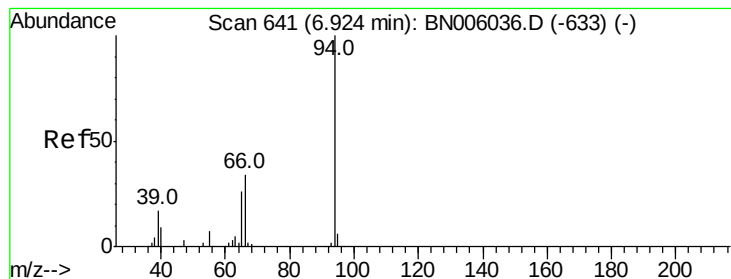


Abundance Ion 77.00 (76.70 to 77.70): BN006036.D (-624) (-)

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

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





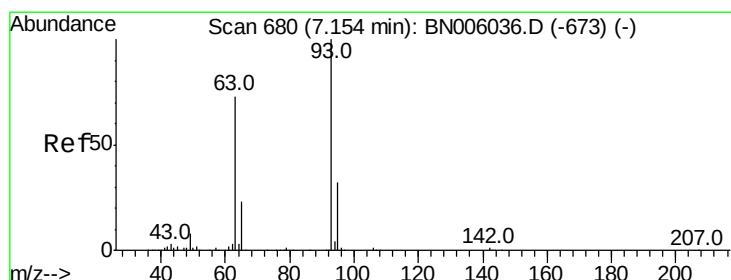
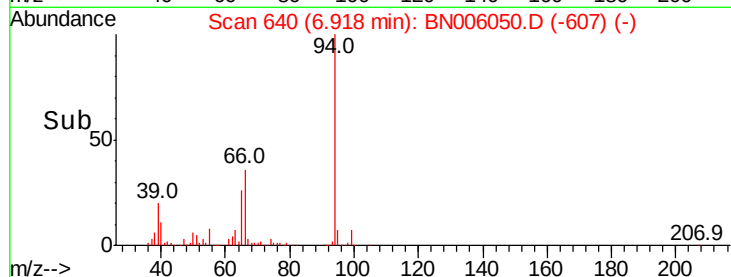
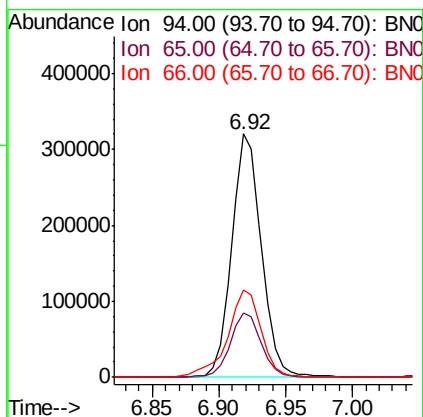
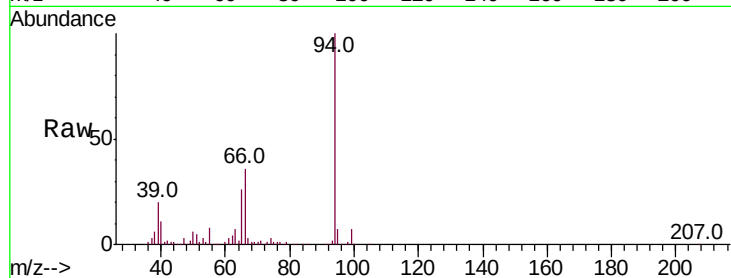
#6

Phenol

Concen: 13.280 ng/ul
 RT: 6.92 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 495565
 Ion Ratio Lower Upper
 94 100
 65 26.5 21.1 31.7
 66 36.1 28.2 42.2

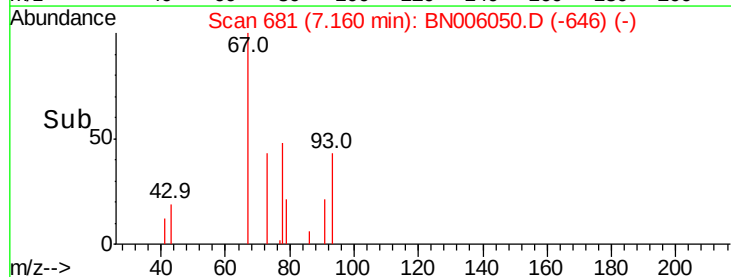
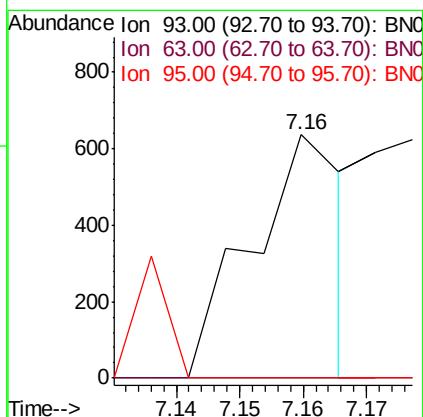
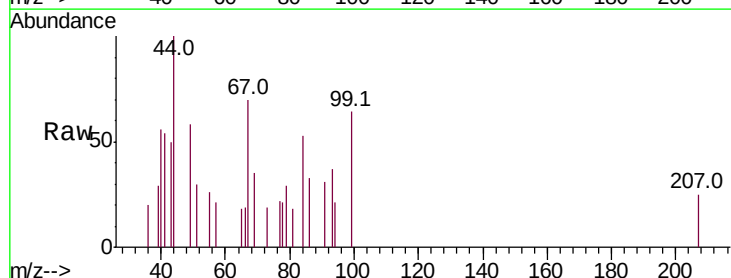


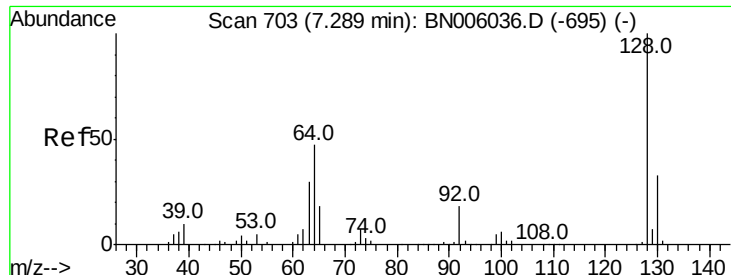
#8

Bis(2-Chloroethyl)ether

Concen: 0.023 ng/ul
 RT: 7.16 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion: 93 Resp: 651
 Ion Ratio Lower Upper
 93 100
 63 0.0 58.5 87.7#
 95 0.0 25.7 38.5#

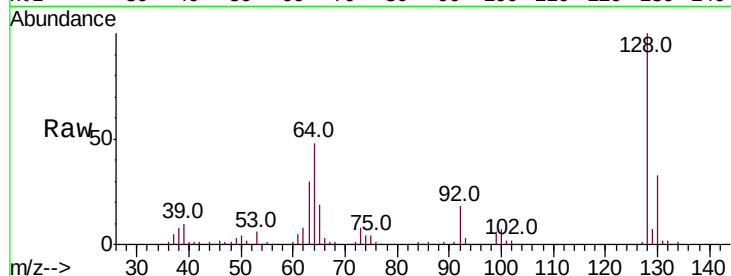




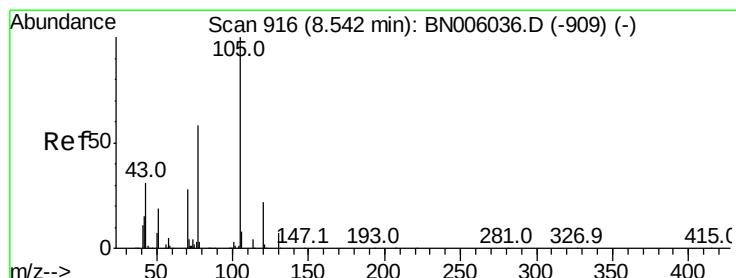
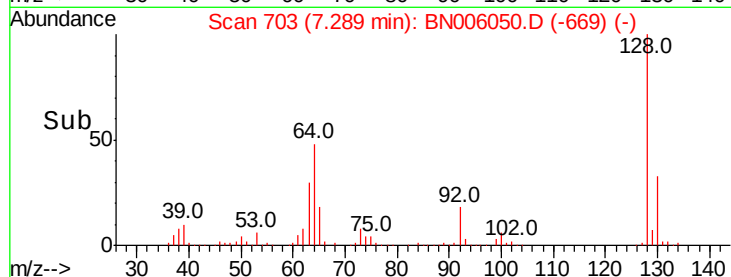
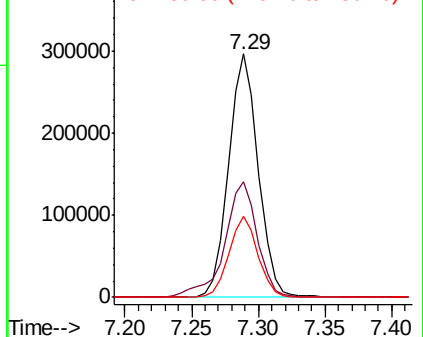
#10
2-Chlorophenol
Concen: 15.663 ng/ul
RT: 7.29 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

Instrument :
BNA_N
ClientSampled :

Tot Ion:128 Resp: 458934
Ion Ratio Lower Upper
128 100
64 47.5 38.7 58.1
130 33.2 26.0 39.0

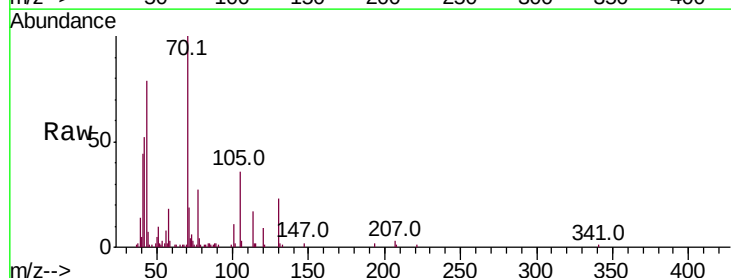


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 130.00 (129.70 to 130.70): E

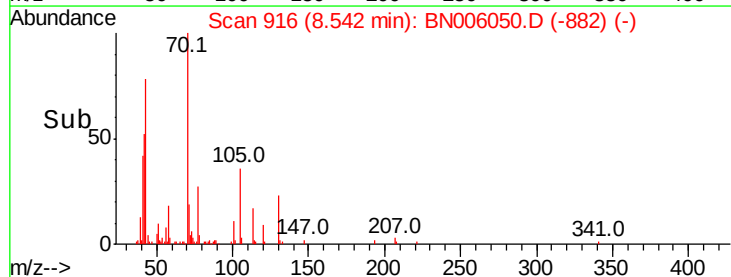
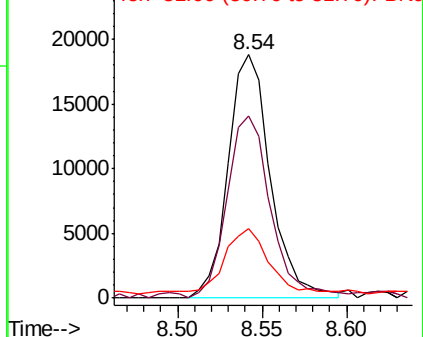


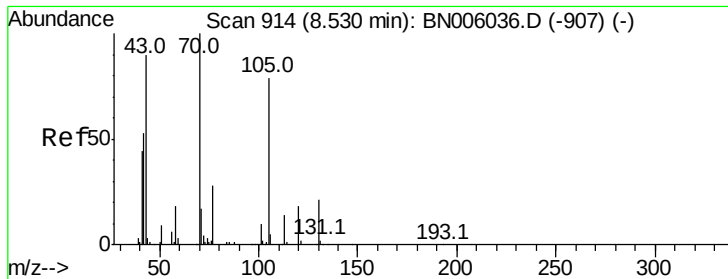
#14
Acetophenone
Concen: 0.758 ng/ul
RT: 8.54 min Scan# 916
Delta R.T. 0.00 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

Tgt Ion:105 Resp: 32803
Ion Ratio Lower Upper
105 100
77 74.8 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: 18.986 ng/ul

RT: 8.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

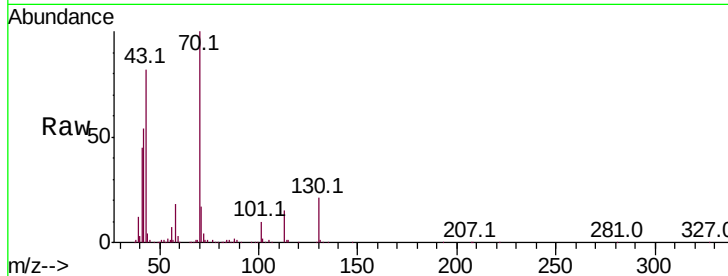
Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 425590

Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.3	64.9
101	9.9	7.8	11.8
130	21.4	16.9	25.3

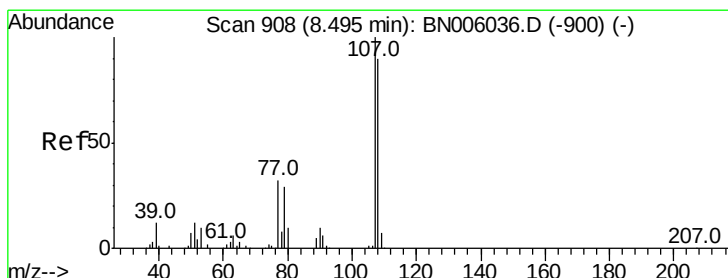
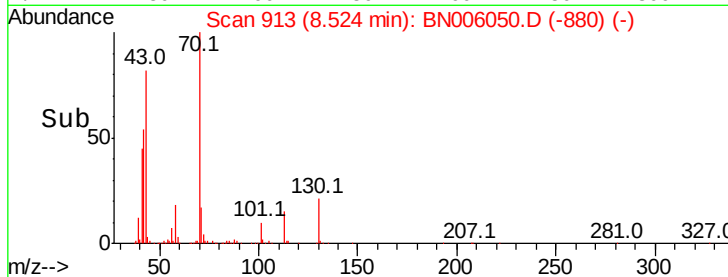
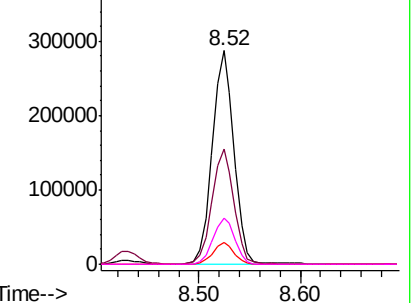


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 0.007 ng/ul

RT: 8.49 min Scan# 907

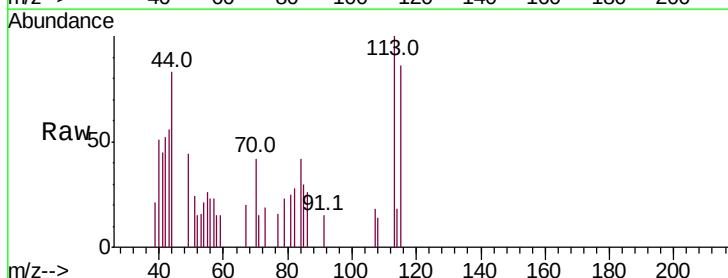
Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

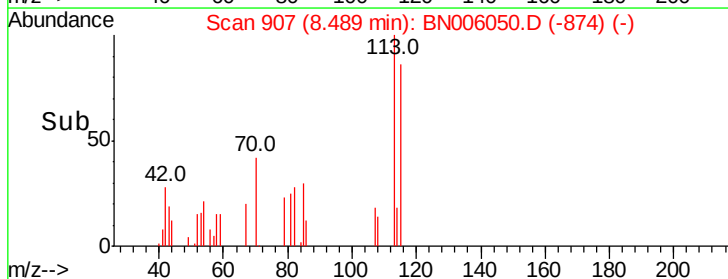
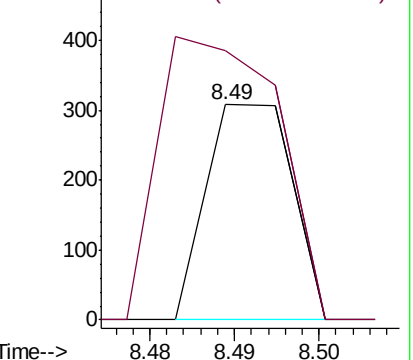
Tgt Ion:108 Resp: 217

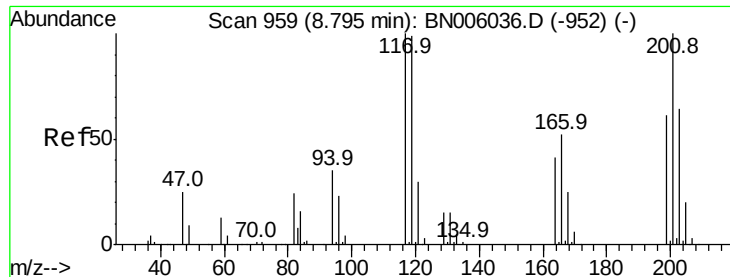
Ion	Ratio	Lower	Upper
108	100		
107	125.0	89.2	133.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 0.050 ng/ul

RT: 8.89 min Scan# 976

Delta R.T. 0.10 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampled :

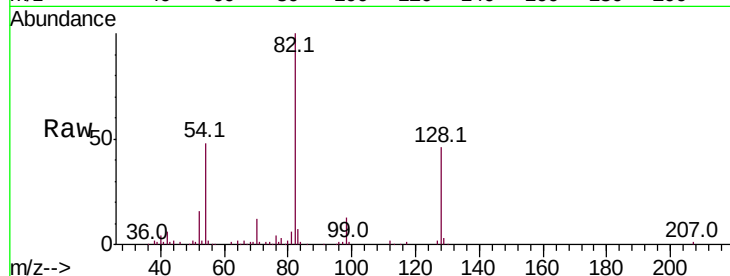
Tot Ion:117 Resp: 543

Ion Ratio Lower Upper

117 100

201 0.0 80.0 120.0#

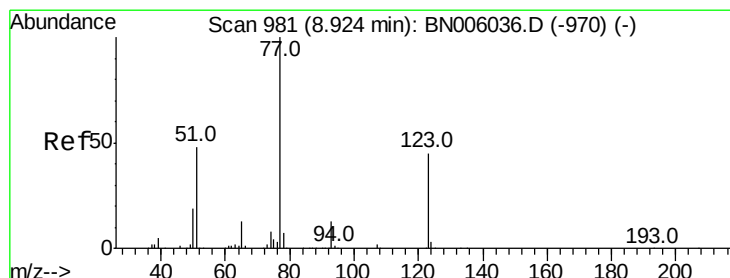
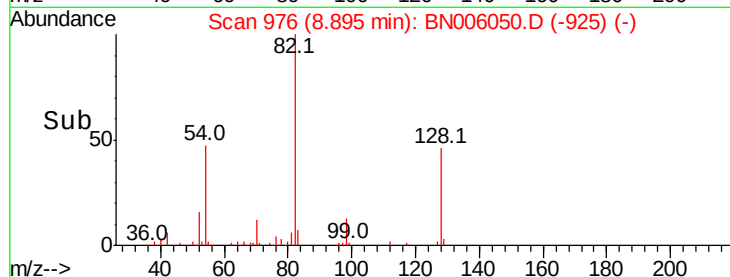
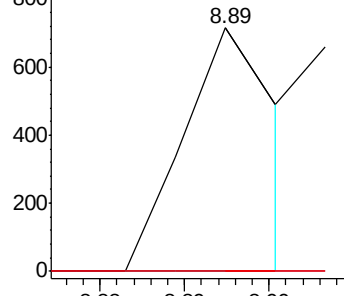
199 0.0 48.7 73.1#



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: 0.004 ng/ul

RT: 8.94 min Scan# 983

Delta R.T. 0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

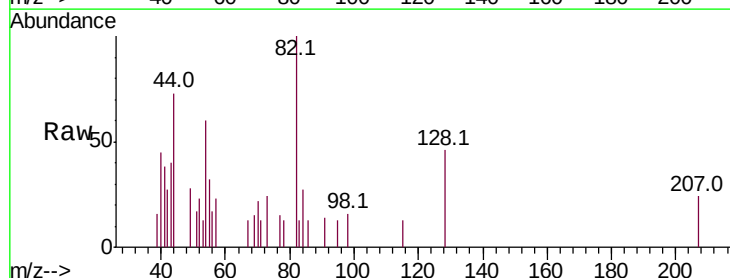
Tgt Ion: 77 Resp: 131

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

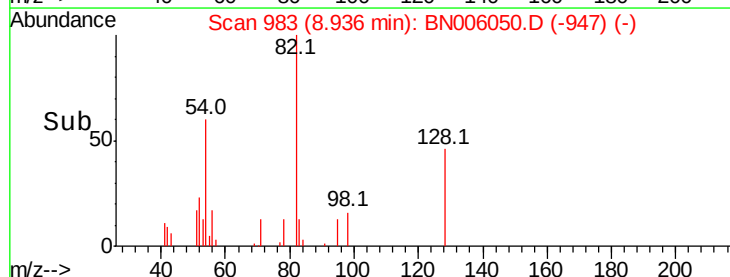
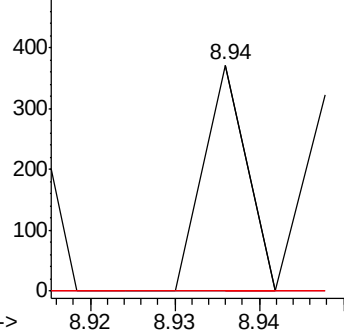
65 0.0 10.7 16.1#

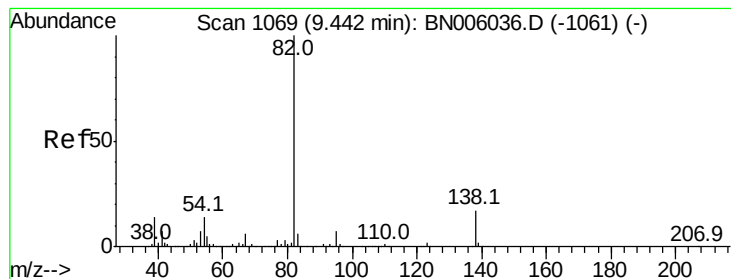


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 0.005 ng/ul

RT: 9.46 min Scan# 1072

Delta R.T. 0.02 min

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Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampleId :

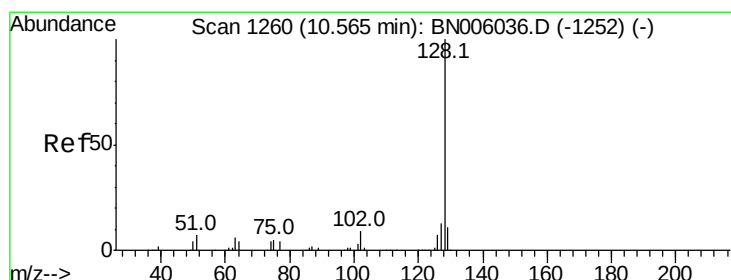
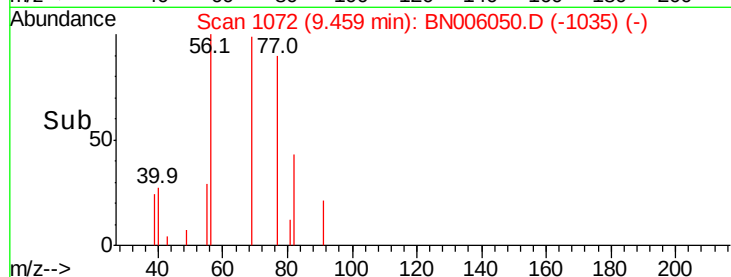
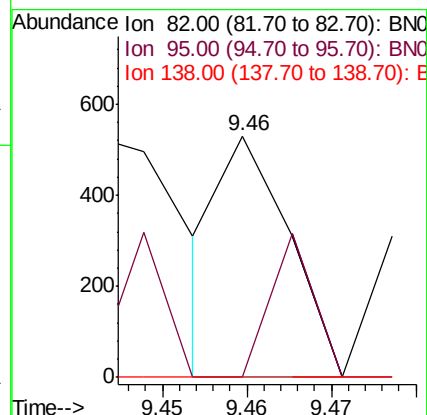
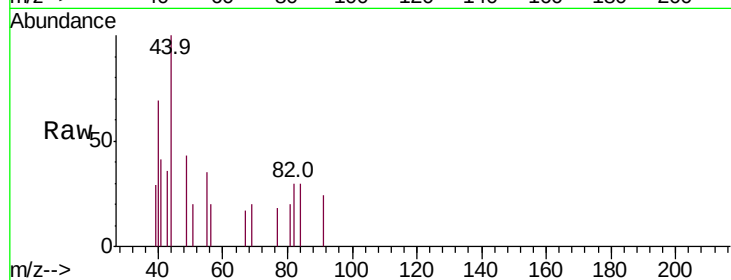
Tot Ion: 82 Resp: 297

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.8 20.6#



#28

Naphthalene

Concen: 0.073 ng/ul

RT: 10.57 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

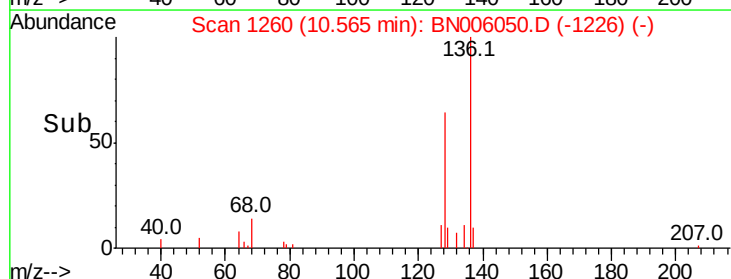
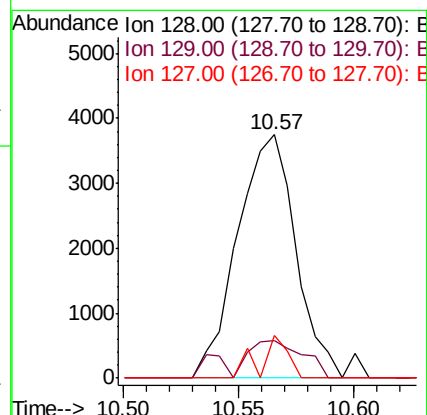
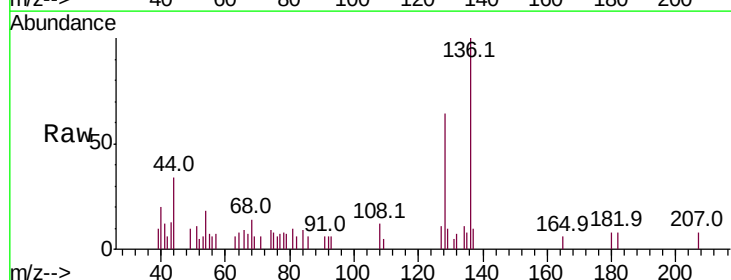
Tgt Ion: 128 Resp: 6574

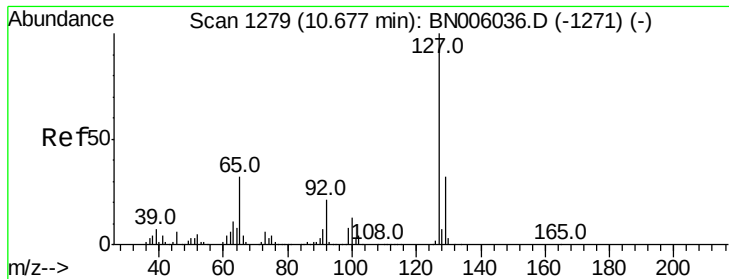
Ion Ratio Lower Upper

128 100

129 15.5 8.8 13.2#

127 17.5 10.6 16.0#

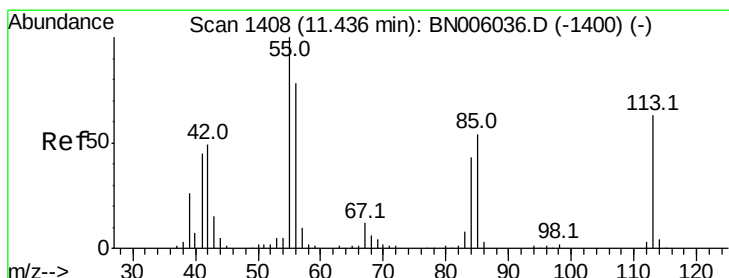
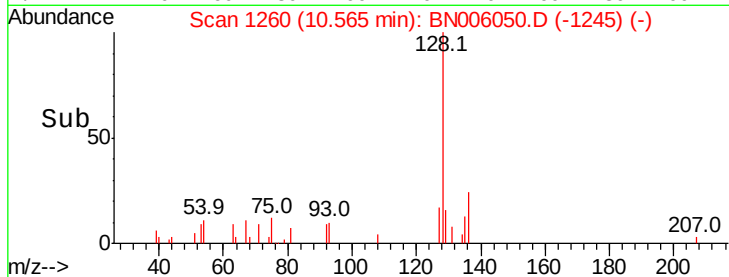
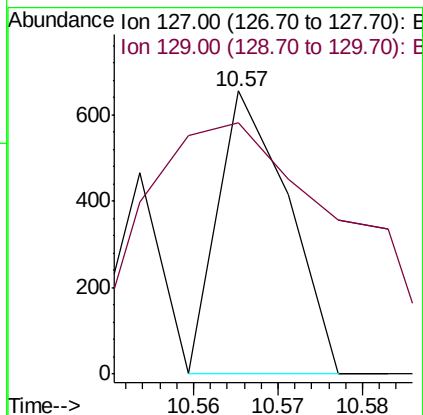
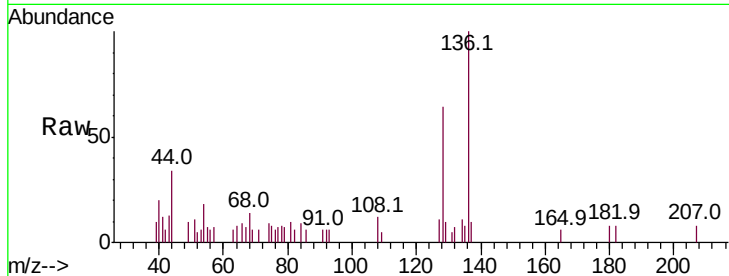




#30
4-Chloroaniline
Concen: 0.011 ng/ul
RT: 10.57 min Scan# 1260
Delta R.T. -0.11 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

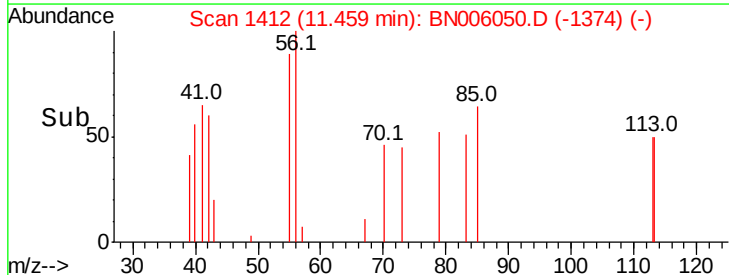
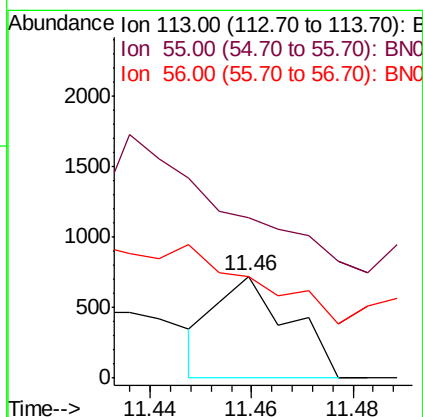
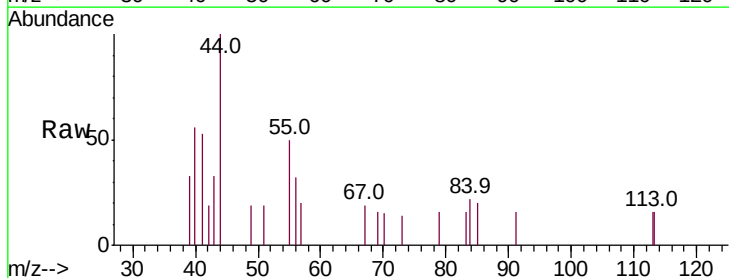
Instrument :
BNA_N
ClientSampleId :

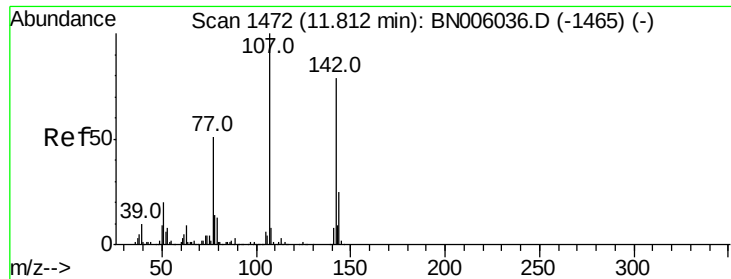
Tot Ion:127 Resp: 378
Ion Ratio Lower Upper
127 100
129 88.9 25.8 38.8#



#32
Caprolactam
Concen: 0.072 ng/ul
RT: 11.46 min Scan# 1412
Delta R.T. 0.02 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

Tgt Ion:113 Resp: 729
Ion Ratio Lower Upper
113 100
55 158.3 127.4 191.0
56 100.1 98.9 148.3

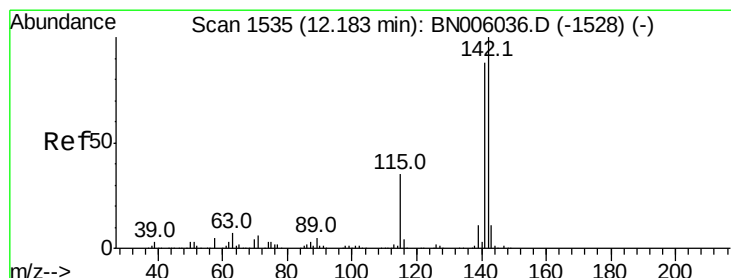
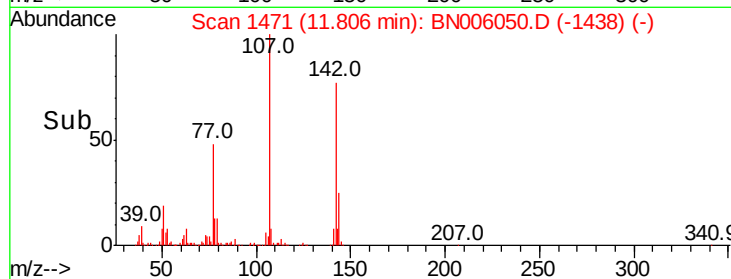
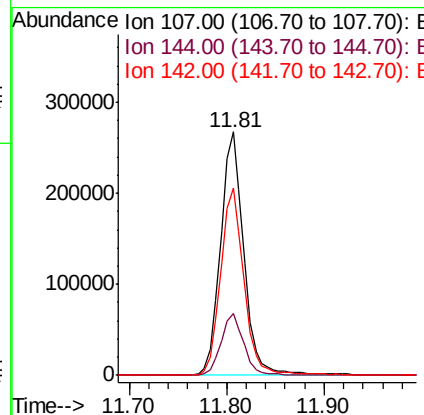
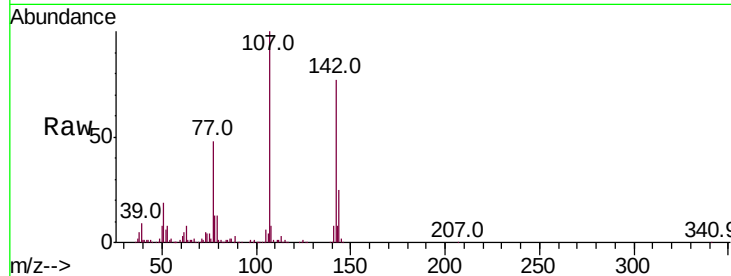




#33
 4-Chloro-3-methylphenol
 Concen: 14.328 ng/ul
 RT: 11.81 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

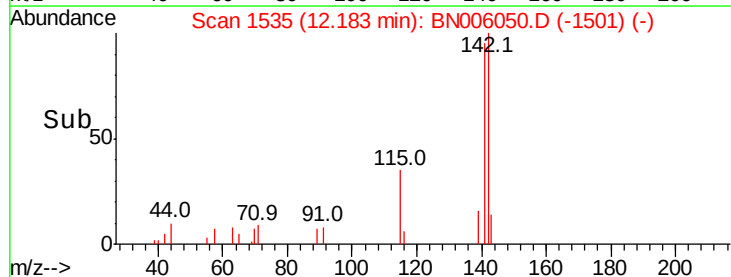
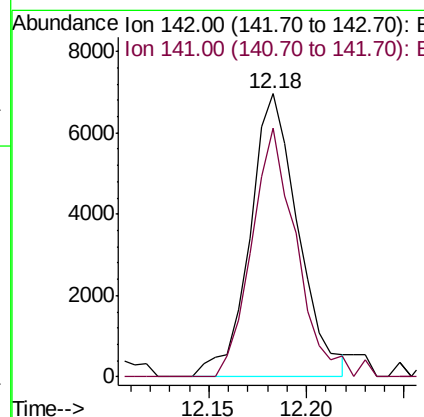
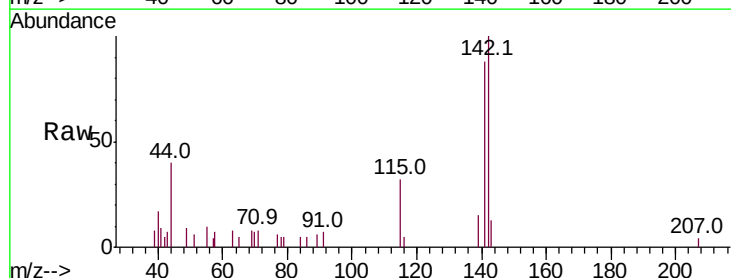
Instrument :
 BNA_N
 ClientSampleId :

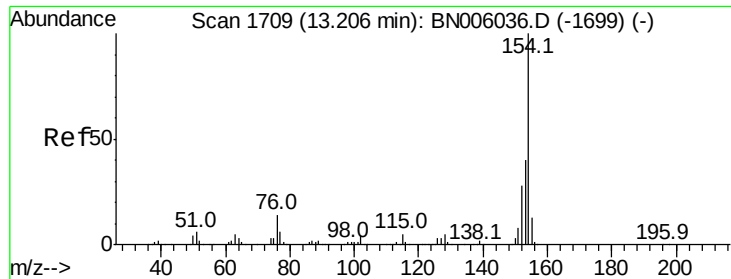
Tot Ion:107 Resp: 442782
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 76.9 63.1 94.7



#34
 2-Methylnaphthalene
 Concen: 0.185 ng/ul
 RT: 12.18 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion:142 Resp: 11922
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.4 105.6

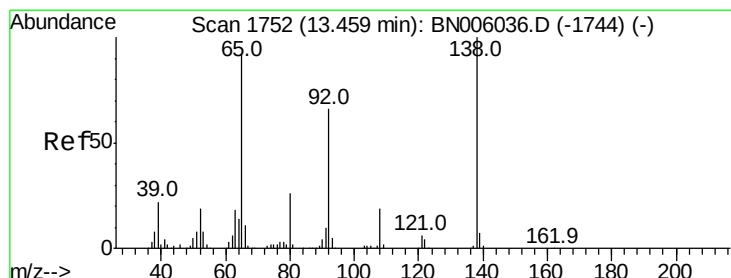
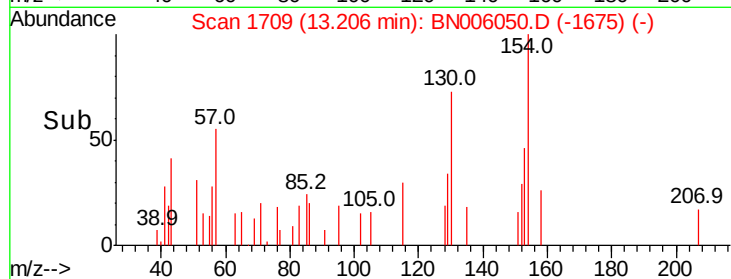
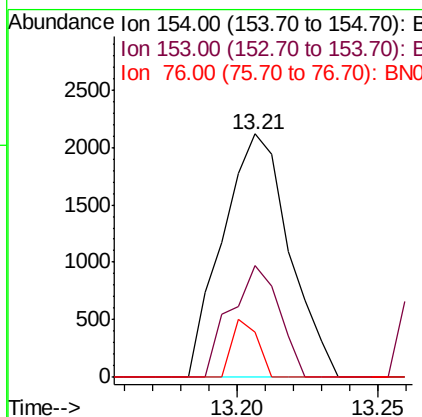
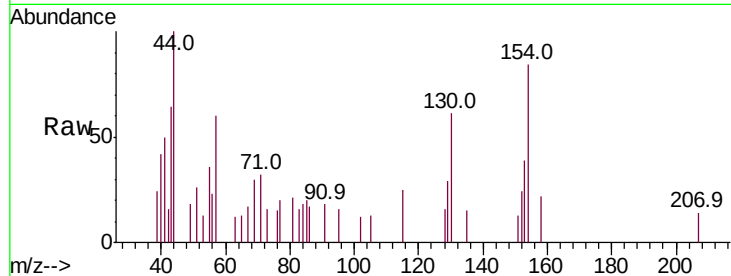




#40
 1,1'-Biphenyl
 Concen: 0.042 ng/ul
 RT: 13.21 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

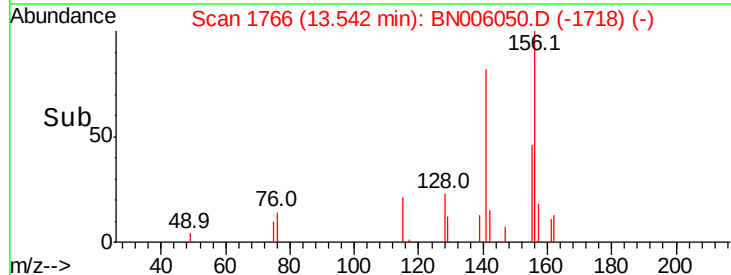
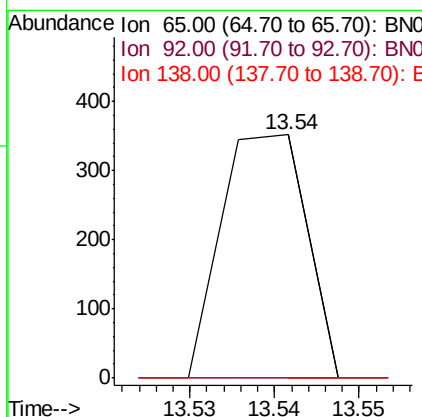
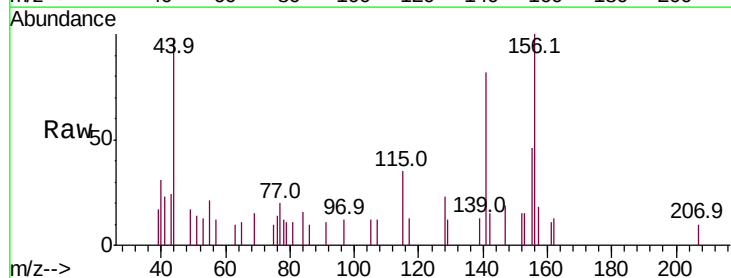
Instrument :
 BNA_N
 ClientSampled :

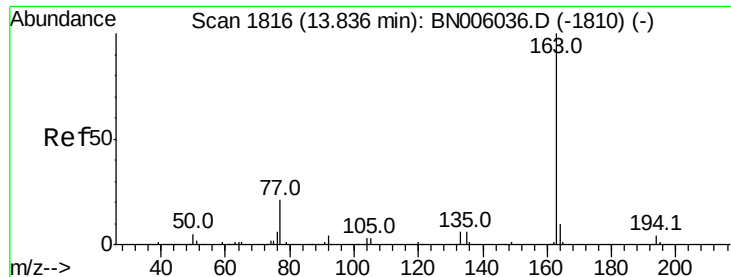
Tot Ion:154 Resp: 3471
 Ion Ratio Lower Upper
 154 100
 153 46.1 32.3 48.5
 76 18.4 11.0 16.6#



#42
 2-Nitroaniline
 Concen: 0.013 ng/ul
 RT: 13.54 min Scan# 1766
 Delta R.T. 0.08 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion: 65 Resp: 246
 Ion Ratio Lower Upper
 65 100
 92 0.0 57.5 86.3#
 138 0.0 87.2 130.8#

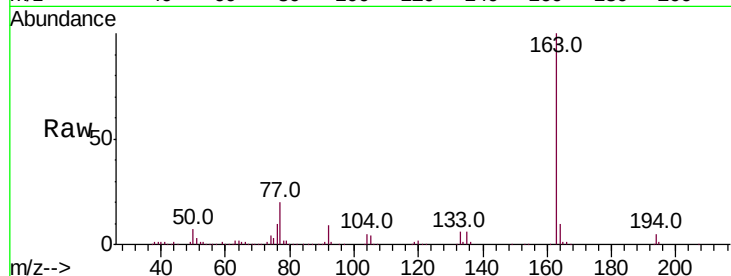




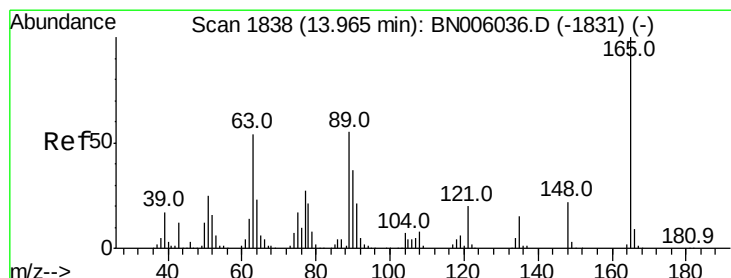
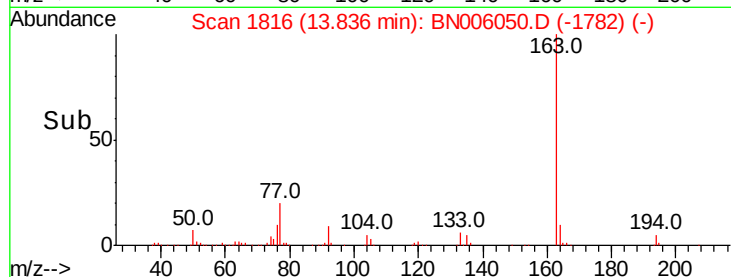
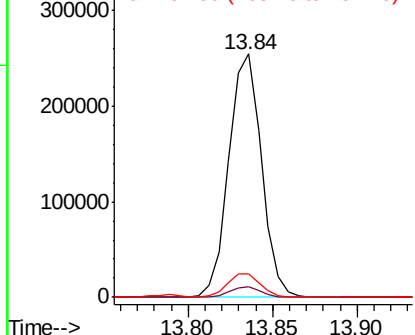
#44
Dimethylphthalate
Concen: 4.417 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 342873
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.6 8.2 12.4

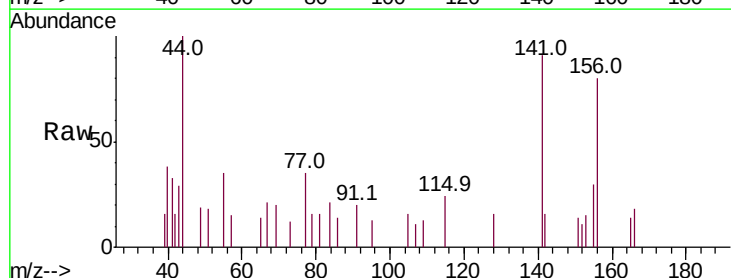


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

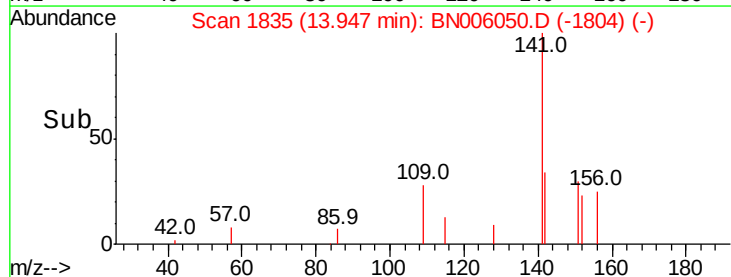
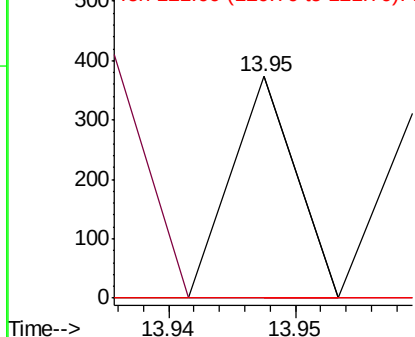


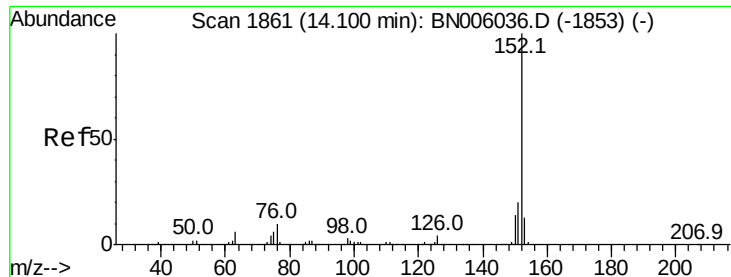
#45
2,6-Dinitrotoluene
Concen: 0.008 ng/ul
RT: 13.95 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

Tgt Ion:165 Resp: 132
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): BNC
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 0.141 ng/ul

RT: 14.10 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampleId :

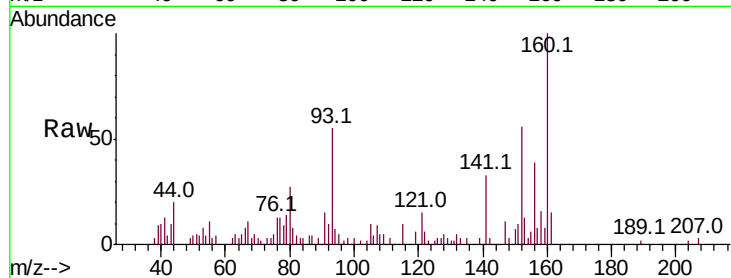
Tot Ion:152 Resp: 14004

Ion Ratio Lower Upper

152 100

151 17.6 16.2 24.2

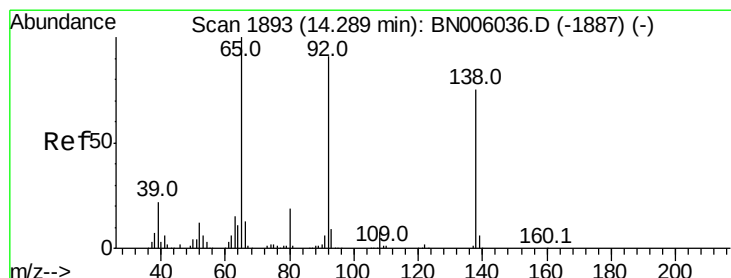
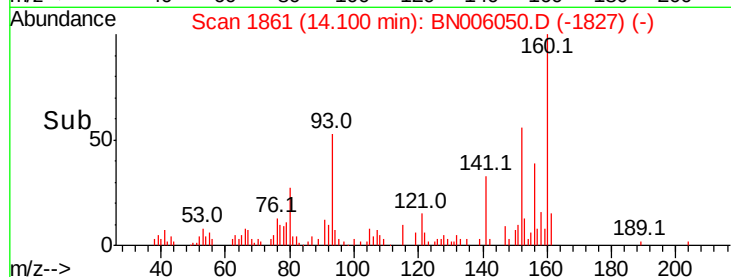
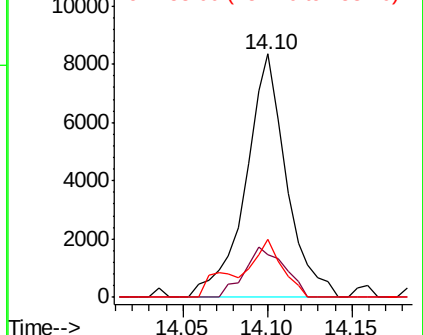
153 23.7 10.5 15.7#



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: 0.073 ng/ul

RT: 14.45 min Scan# 1920

Delta R.T. 0.16 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

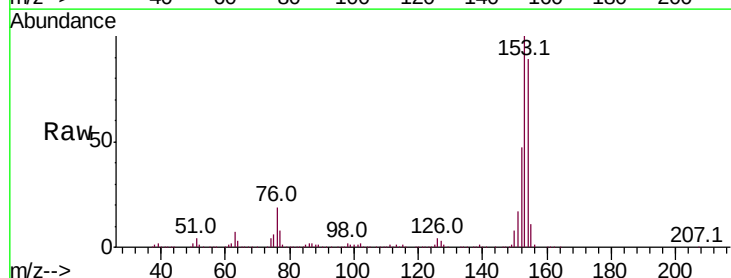
Tgt Ion:138 Resp: 1228

Ion Ratio Lower Upper

138 100

108 48.9 9.0 13.6#

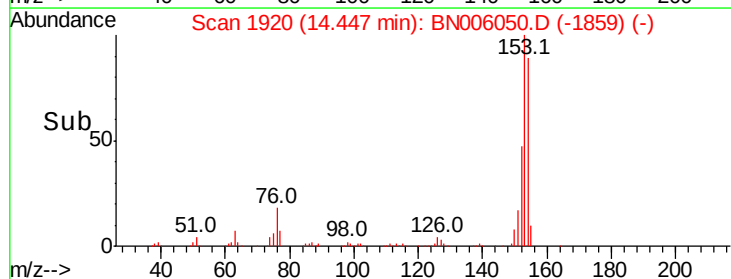
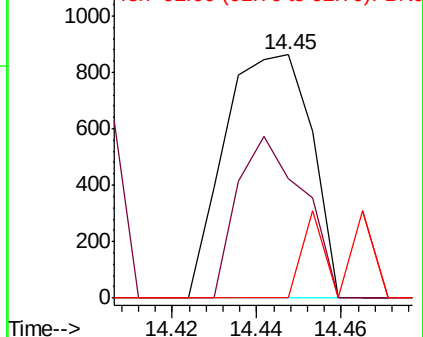
92 0.0 97.2 145.8#

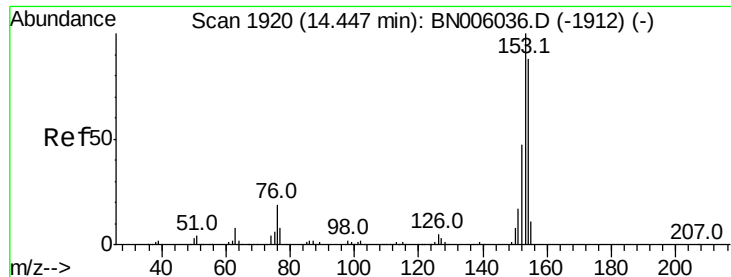


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 21.637 ng/ul

RT: 14.44 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampleId :

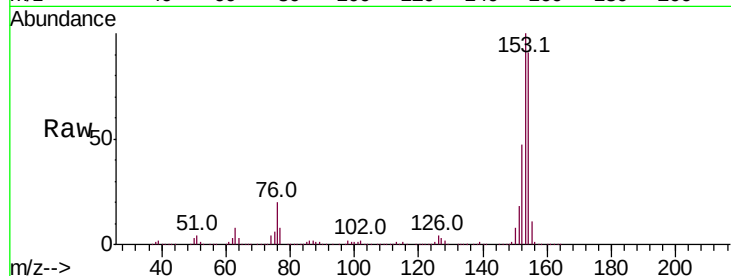
Tot Ion:153 Resp: 1445143

Ion Ratio Lower Upper

153 100

152 46.9 37.4 56.2

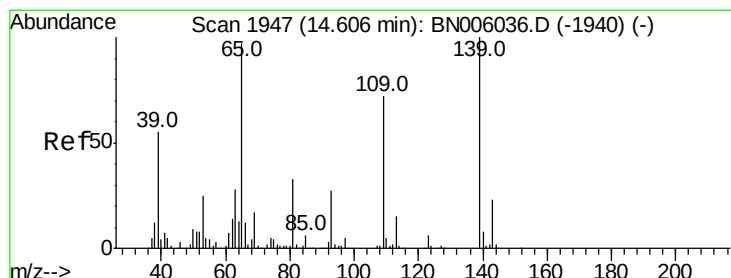
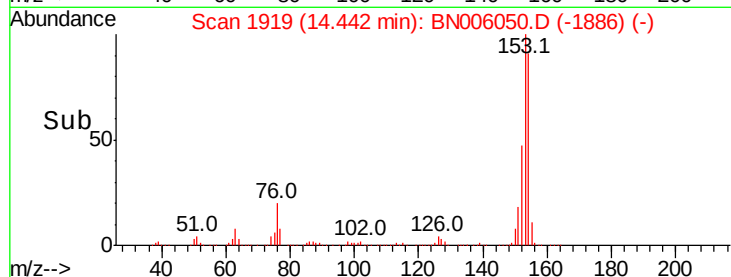
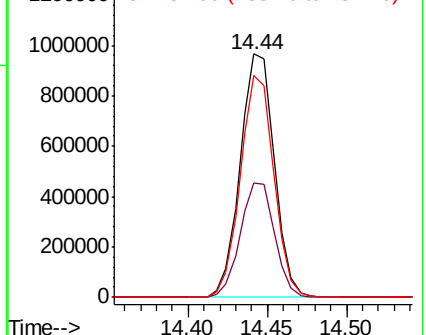
154 91.1 70.7 106.1



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: 5.466 ng/ul

RT: 14.60 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

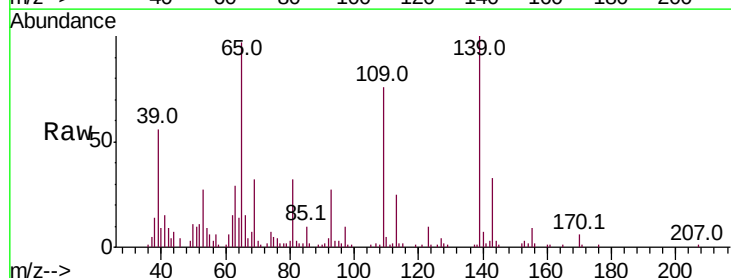
Tgt Ion:109 Resp: 59864

Ion Ratio Lower Upper

109 100

139 132.1 111.8 167.6

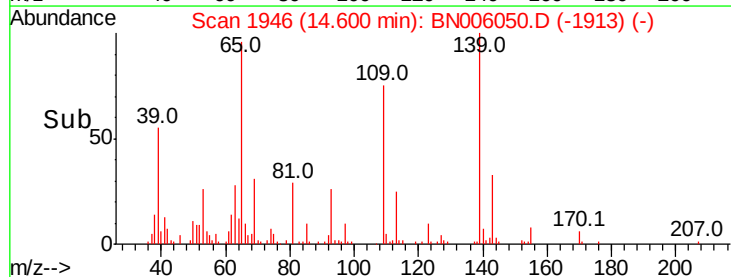
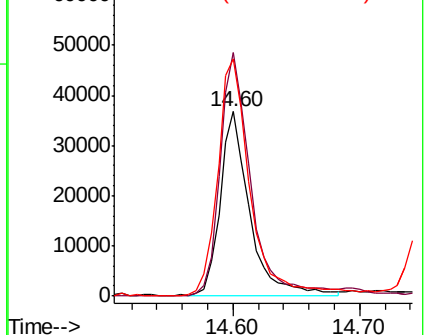
65 128.6 108.5 162.7

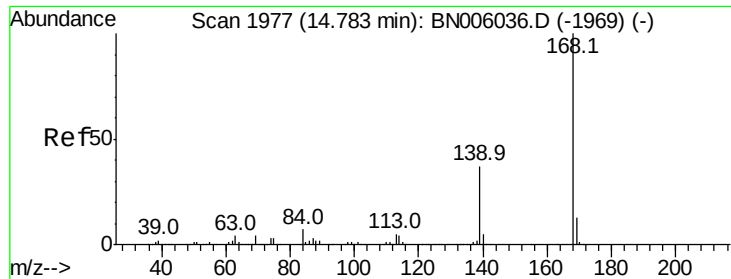


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#53

Dibenzofuran

Concen: 0.201 ng/ul

RT: 14.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

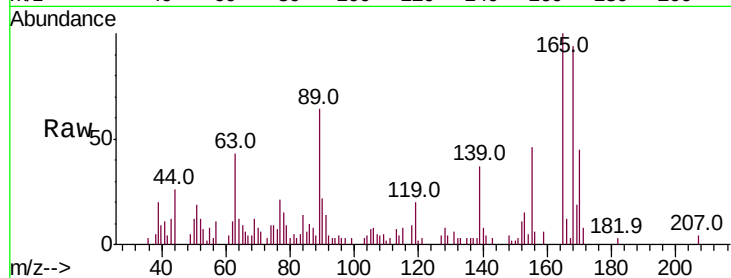
ClientSampled :

Tot Ion:168 Resp: 19026

Ion Ratio Lower Upper

168 100

139 39.5 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

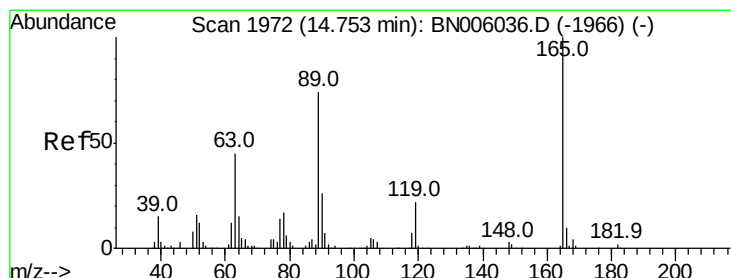
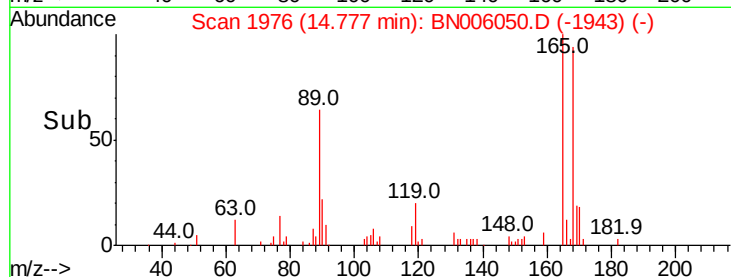
10000

5000

0

14.70 14.75 14.80

Time-->



#54

2,4-Dinitrotoluene

Concen: 19.225 ng/ul

RT: 14.75 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

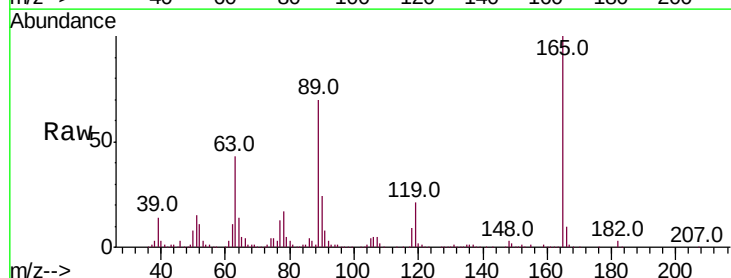
Tgt Ion:165 Resp: 434854

Ion Ratio Lower Upper

165 100

63 42.8 36.0 54.0

182 3.0 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

14.75

400000

300000

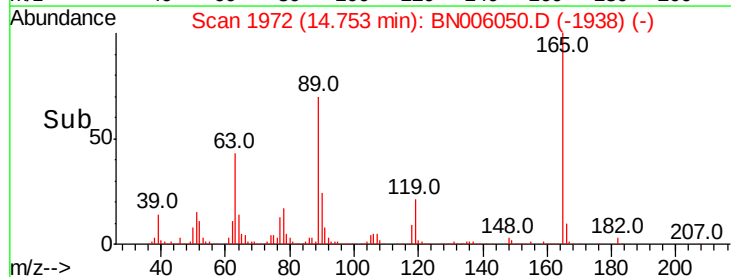
200000

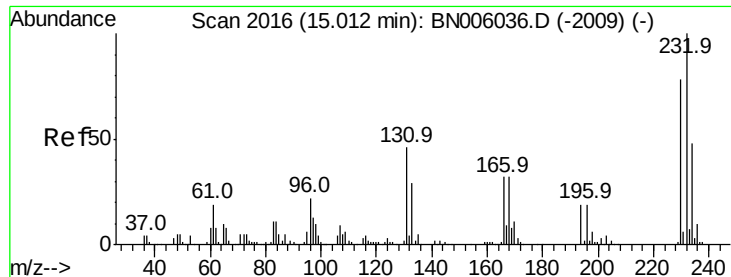
100000

0

14.70 14.80

Time-->





#55

2,3,4,6-Tetrachlorophenol

Concen: 0.063 ng/ul

RT: 15.01 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampled :

Tot Ion:232 Resp: 1171

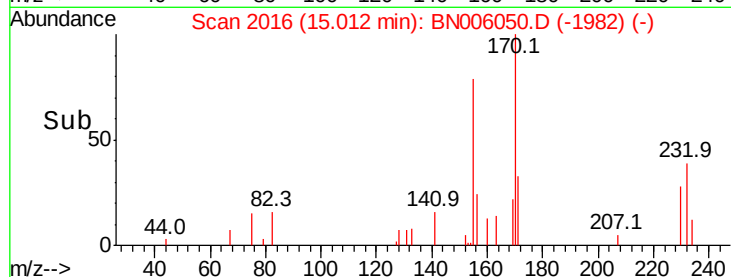
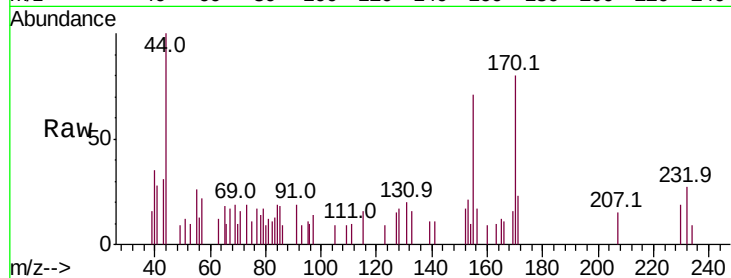
Ion Ratio Lower Upper

232 100

131 73.7 36.9 55.3#

130 0.0 1.8 2.8#

166 40.2 25.9 38.9#

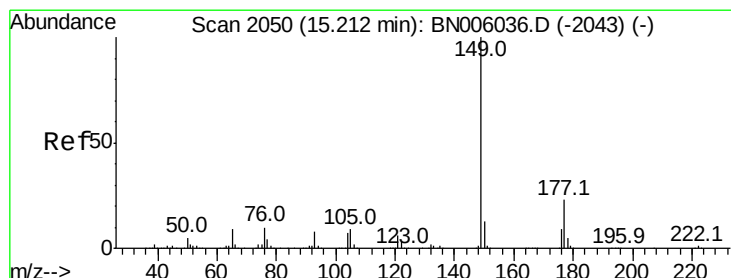
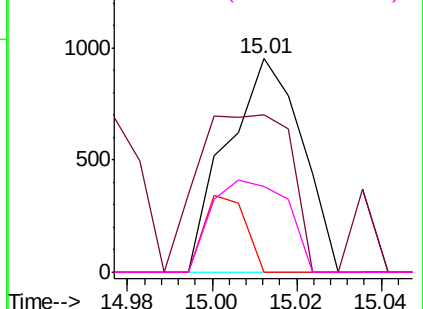


Abundance Ion 232.00 (231.70 to 232.70): E

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: 0.049 ng/ul

RT: 15.21 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

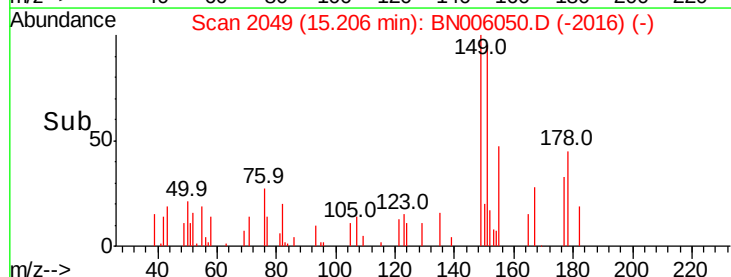
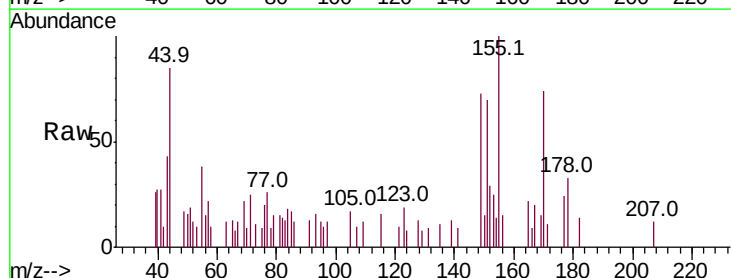
Tgt Ion:149 Resp: 3744

Ion Ratio Lower Upper

149 100

177 32.8 18.4 27.6#

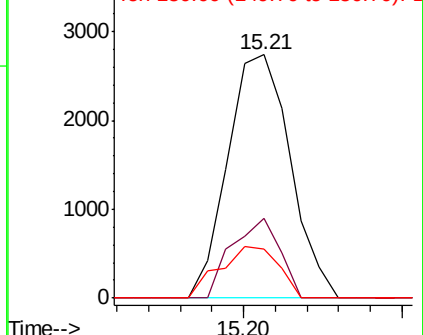
150 19.9 10.1 15.1#

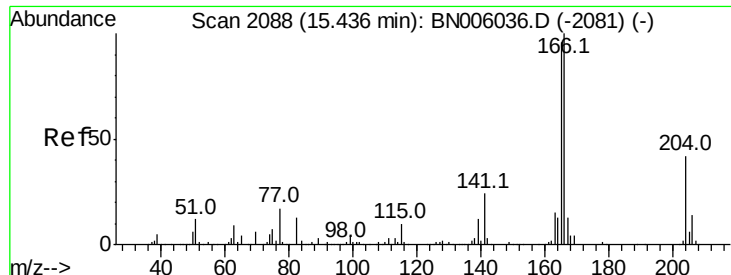


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 1.412 ng/ul

RT: 15.43 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampled :

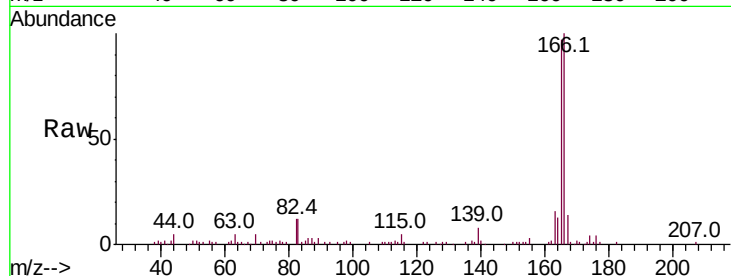
Tot Ion:166 Resp: 103452

Ion Ratio Lower Upper

166 100

165 97.2 76.6 115.0

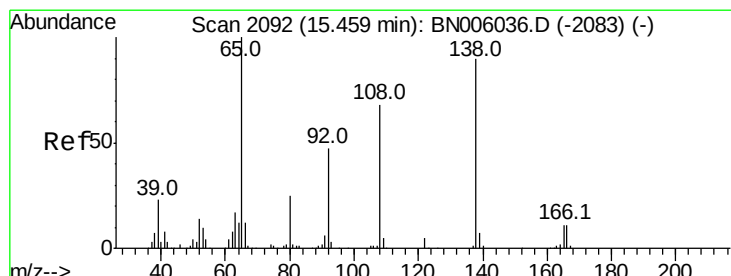
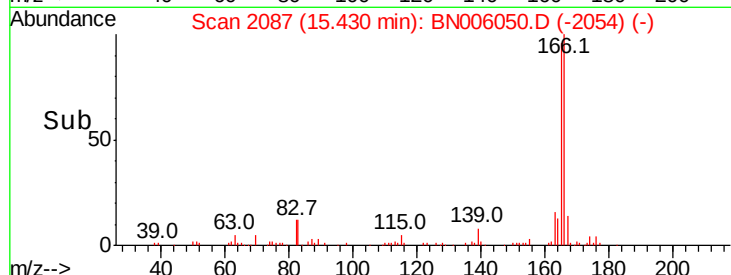
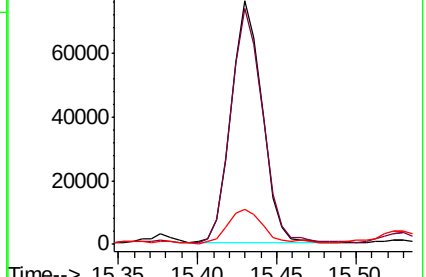
167 14.2 10.8 16.2



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: 0.055 ng/ul

RT: 15.43 min Scan# 2087

Delta R.T. -0.03 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

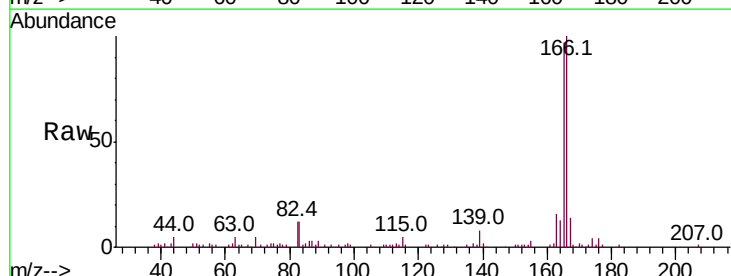
Tgt Ion:138 Resp: 1064

Ion Ratio Lower Upper

138 100

92 0.0 41.7 62.5#

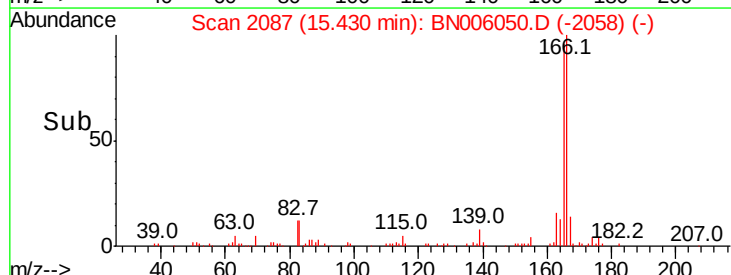
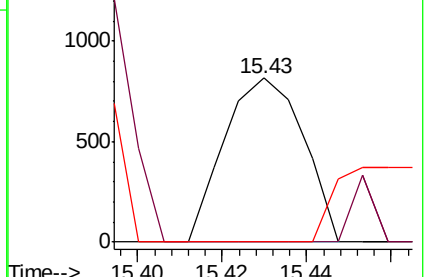
108 0.0 61.0 91.6#

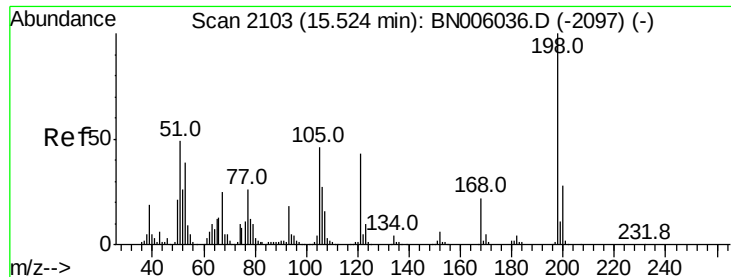


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E

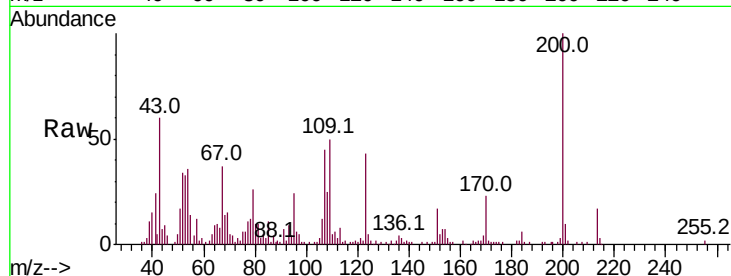




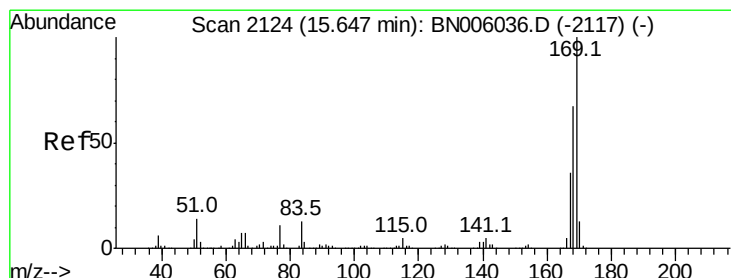
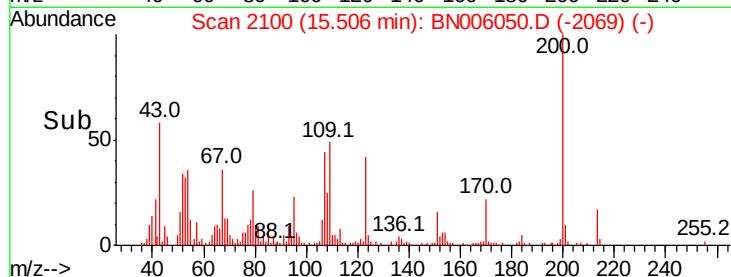
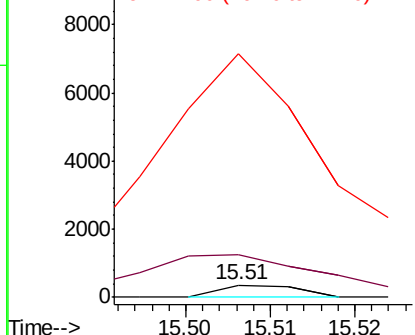
#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.022 ng/ul
 RT: 15.51 min Scan# 2100
 Delta R.T. -0.02 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 245
 Ion Ratio Lower Upper
 198 100
 182 348.1 3.1 4.7#
 77 1962.4 21.5 32.3#

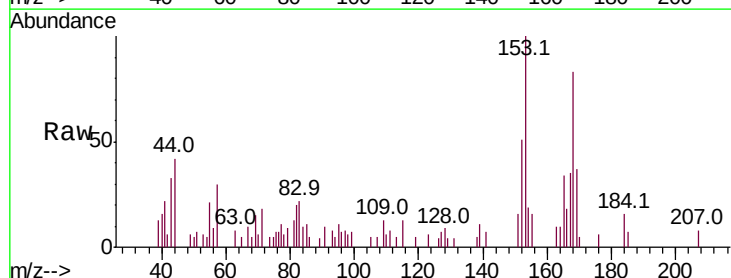


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNO

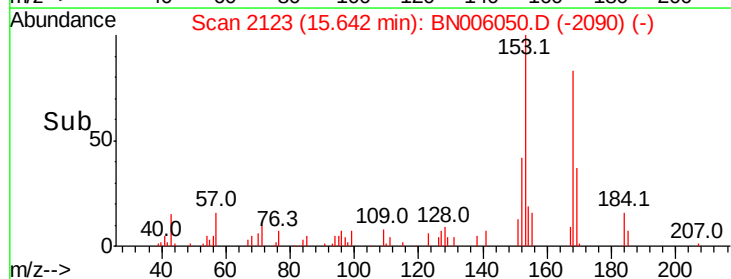
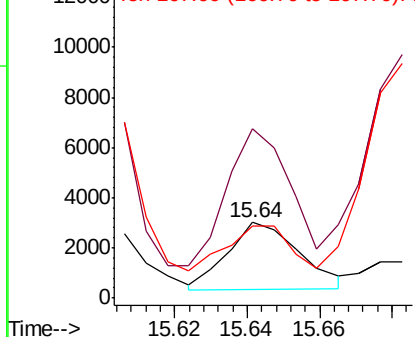


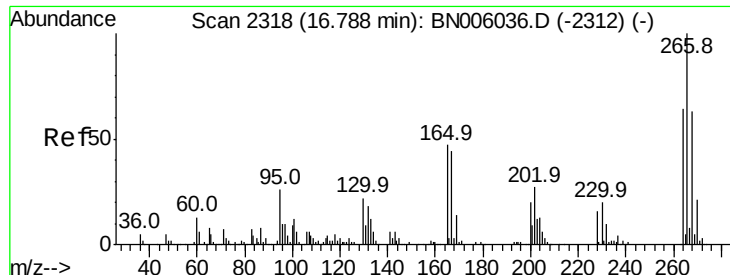
#64
 N-Nitrosodiphenylamine
 Concen: 0.056 ng/ul
 RT: 15.64 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion:169 Resp: 3660
 Ion Ratio Lower Upper
 169 100
 168 224.3 53.4 80.2#
 167 94.9 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

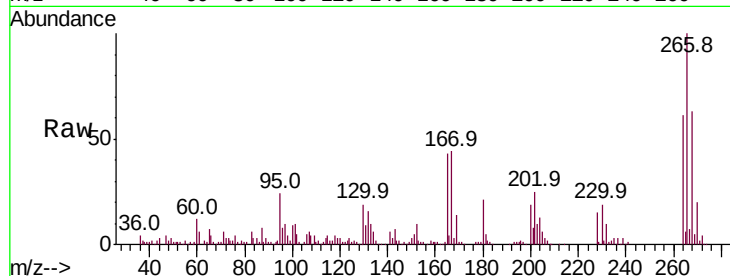




#68
 Pentachlorophenol
 Concen: 16.194 ng/ul
 RT: 16.79 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
264	61.0	50.8	76.2
268	63.5	50.7	76.1

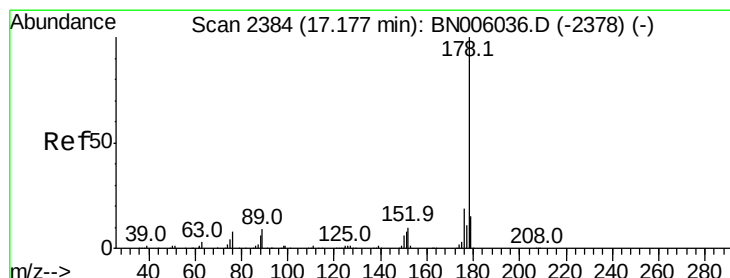
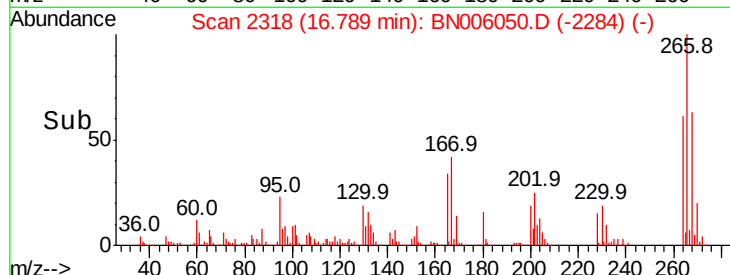
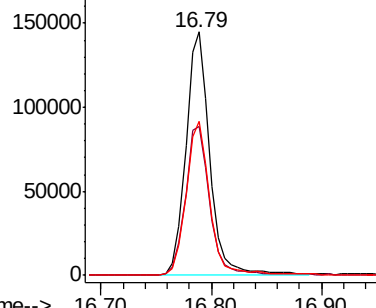


Abundance

Ion 265.70 (265.40 to 266.40): E

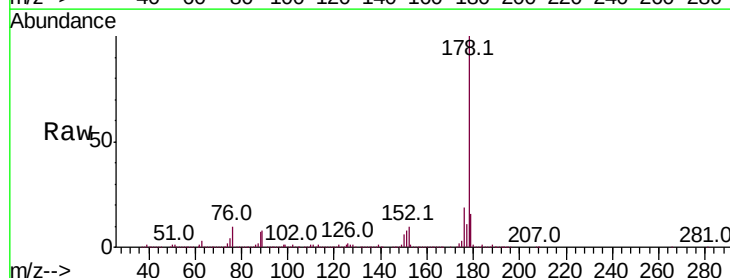
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 17.143 ng/ul
 RT: 17.18 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.0	15.0	22.4

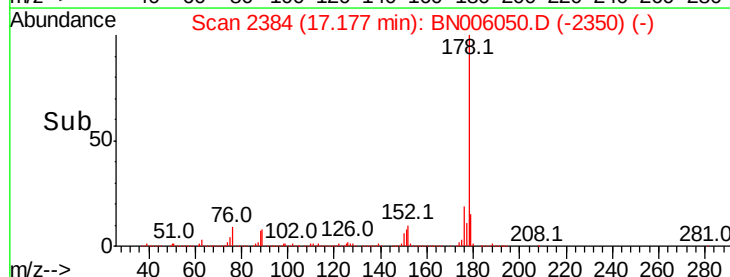
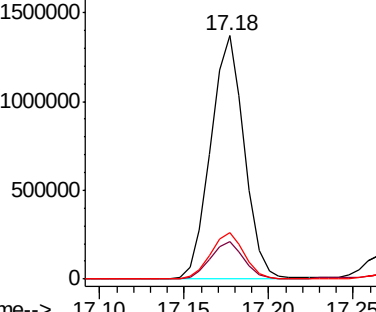


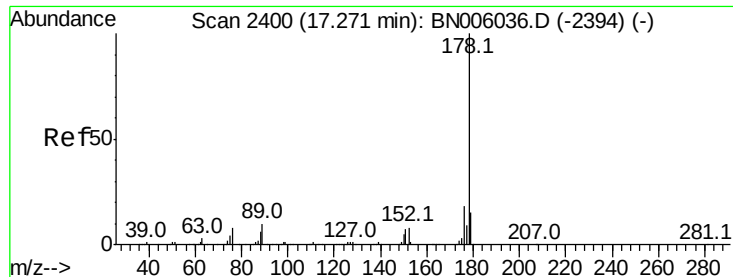
Abundance

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

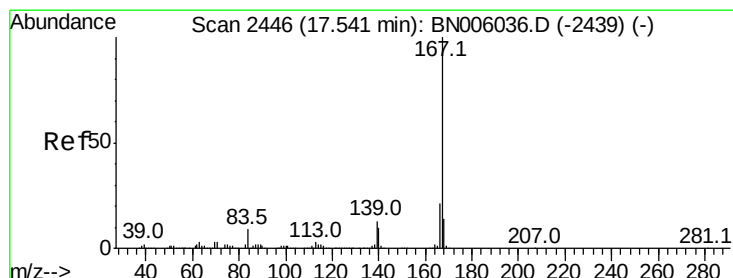
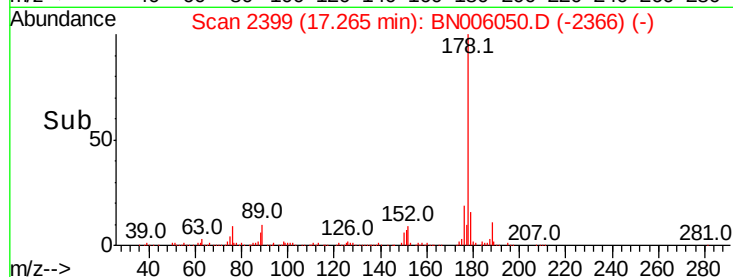
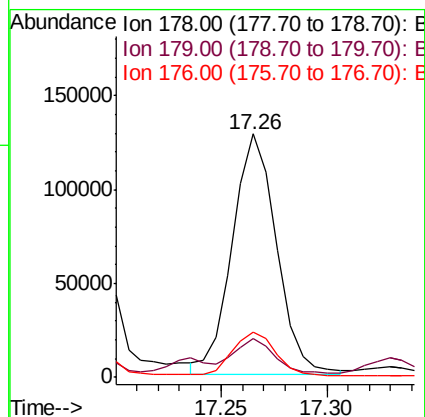
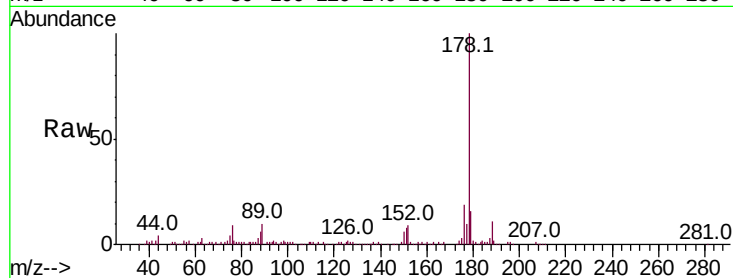




#71
 Anthracene
 Concen: 1.664 ng/ul
 RT: 17.26 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

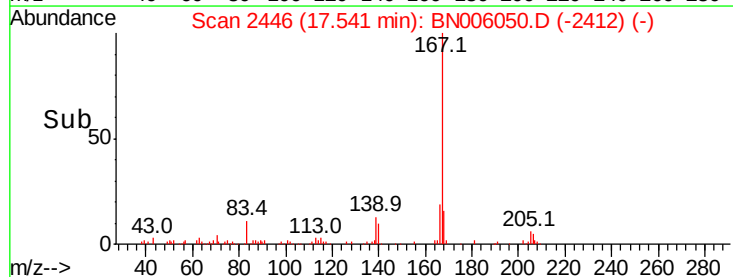
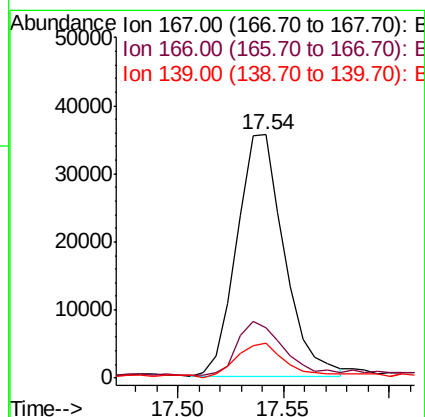
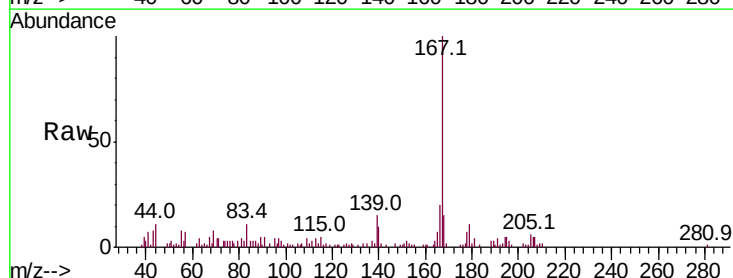
Instrument :
 BNA_N
 ClientSampleId :

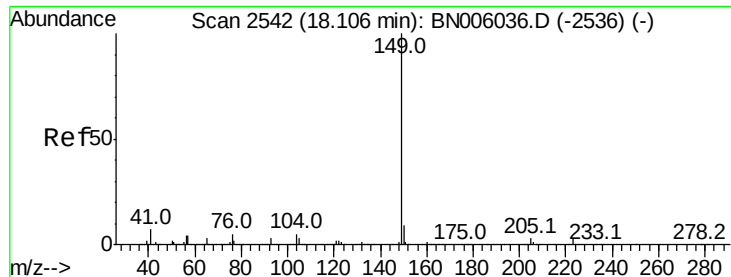
Tot Ion:178 Resp: 187054
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.4 18.6
 176 18.7 14.8 22.2



#74
 Carbazole
 Concen: 0.573 ng/ul
 RT: 17.54 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion:167 Resp: 55387
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.0 25.6
 139 14.5 10.4 15.6





#75

Di-n-butylphthalate

Concen: 0.203 ng/ul

RT: 18.11 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampled :

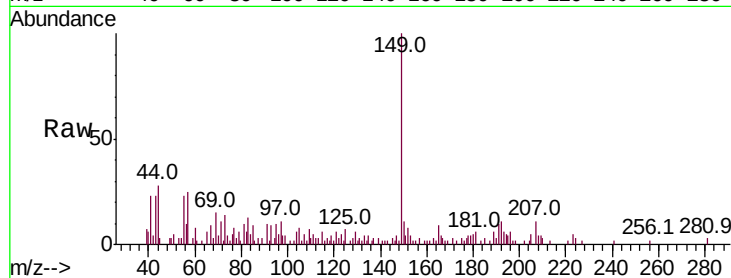
Tot Ion:149 Resp: 25112

Ion Ratio Lower Upper

149 100

150 11.5 7.4 11.2#

104 5.7 4.2 6.2

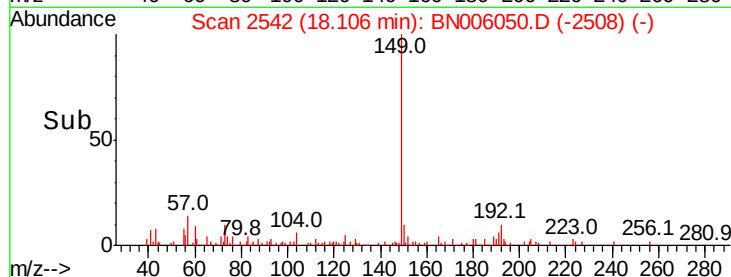


Abundance Ion 149.00 (148.70 to 149.70): E

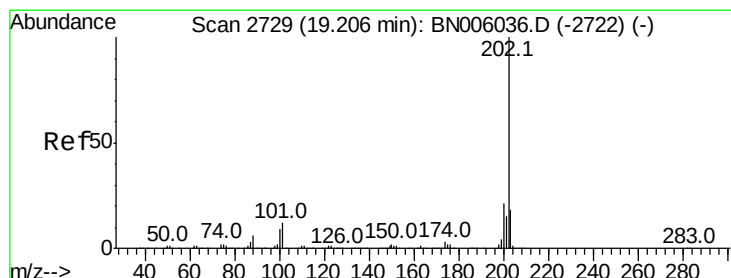
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.11



Time--> 18.05 18.10 18.15



#76

Fluoranthene

Concen: 18.315 ng/ul

RT: 19.20 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

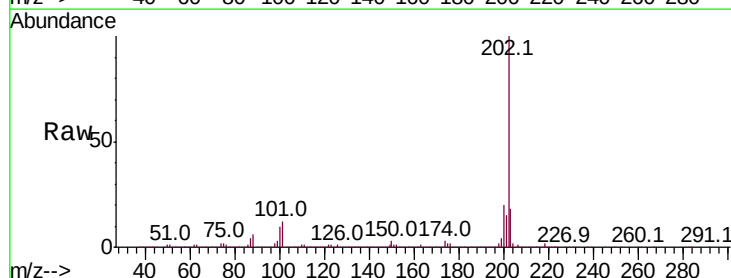
Tgt Ion:202 Resp: 1973034

Ion Ratio Lower Upper

202 100

101 12.5 9.6 14.4

100 9.5 7.1 10.7

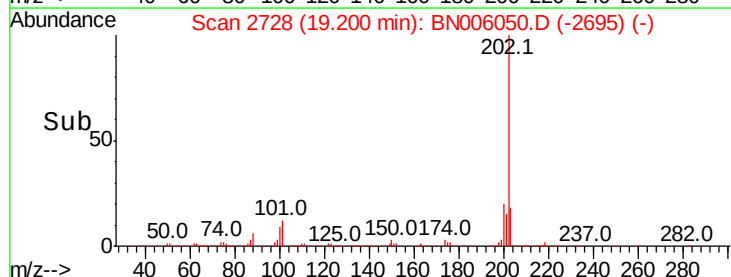


Abundance Ion 202.00 (201.70 to 202.70): E

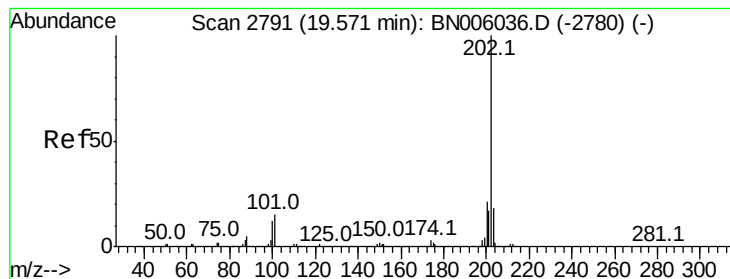
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.20



Time--> 19.15 19.20 19.25



#79

Pvrene

Concen: 38.113 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampleId :

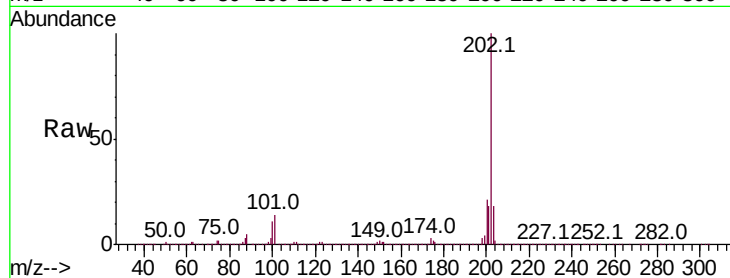
Tot Ion:202 Resp: 4156334

Ion Ratio Lower Upper

202 100

101 14.0 11.6 17.4

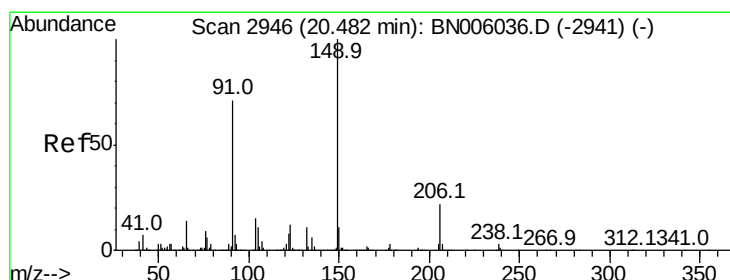
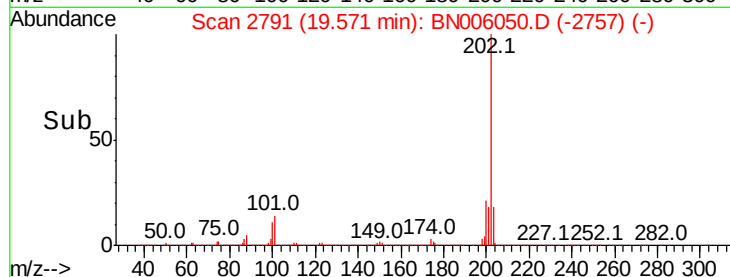
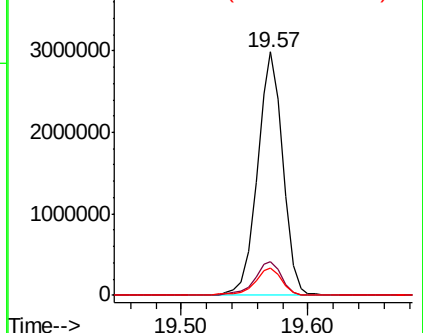
100 11.4 9.4 14.2



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: 0.076 ng/ul

RT: 20.48 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

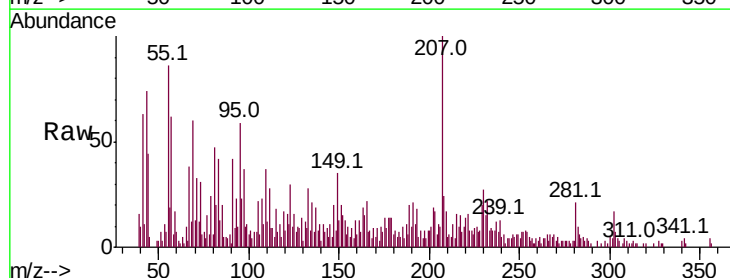
Tgt Ion:149 Resp: 3761

Ion Ratio Lower Upper

149 100

91 120.2 57.0 85.6#

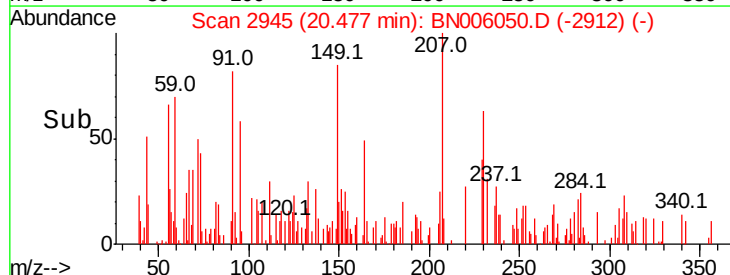
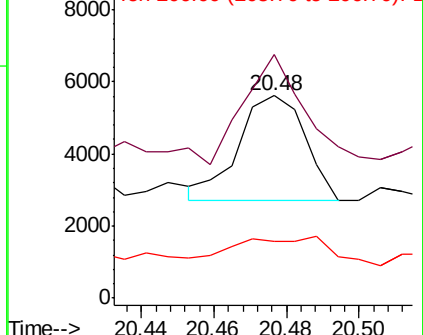
206 27.7 17.4 26.2#

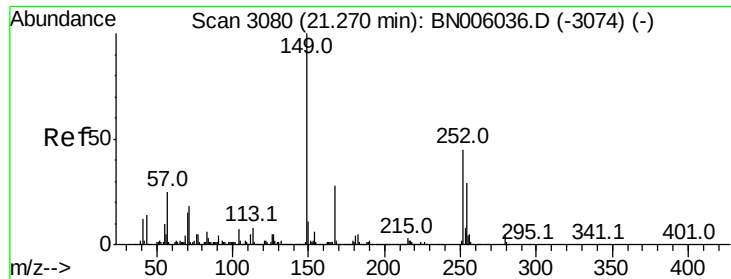


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

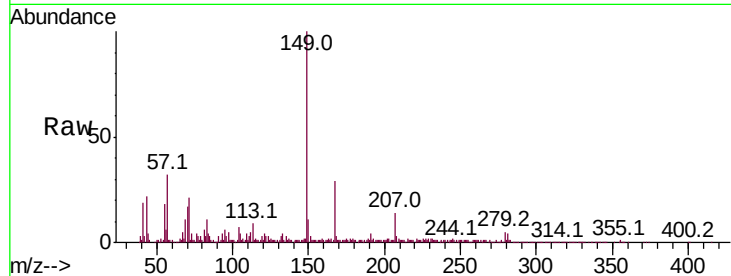




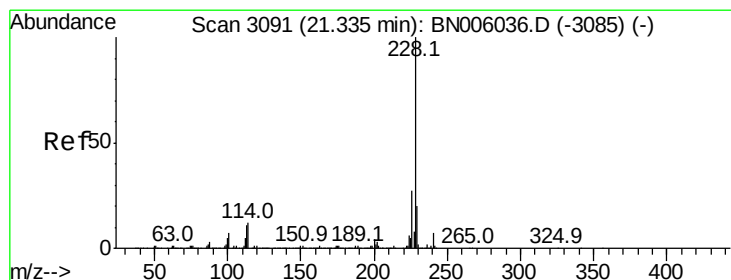
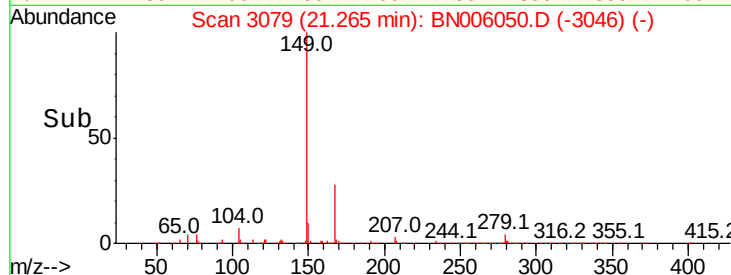
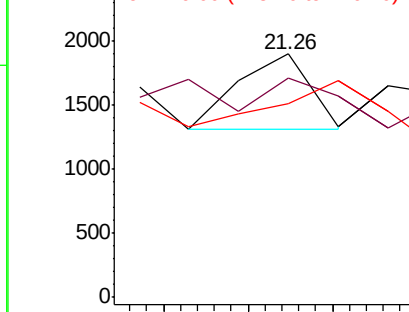
#81
 3,3'-Dichlorobenzidine
 Concen: 0.012 ng/ul
 RT: 21.26 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:252 Resp: 349
 Ion Ratio Lower Upper
 252 100
 254 90.2 50.7 76.1#
 126 79.4 9.0 13.6#

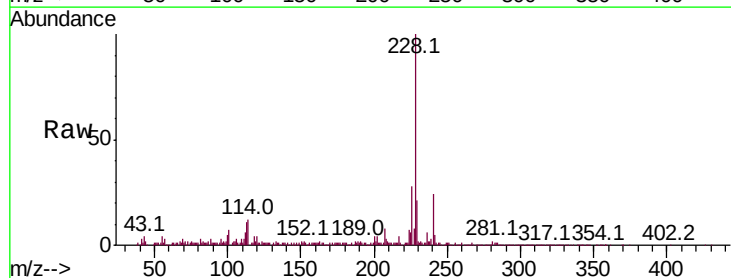


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

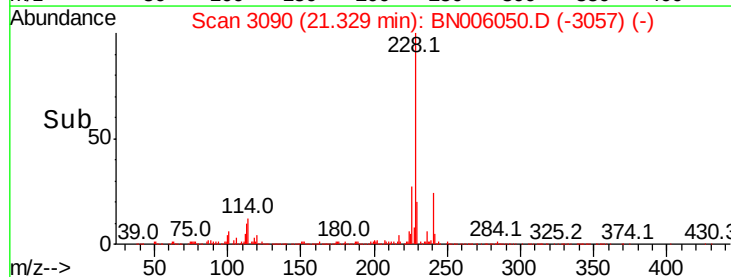
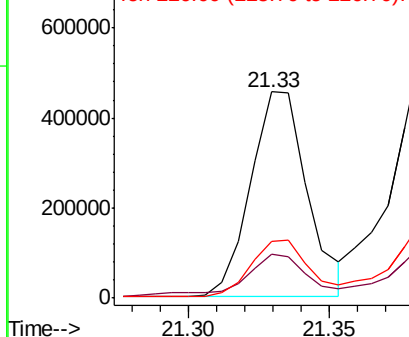


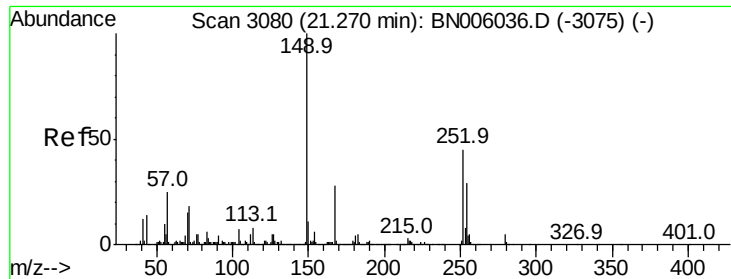
#82
 Benzo(a)anthracene
 Concen: 6.822 ng/ul
 RT: 21.33 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion:228 Resp: 637764
 Ion Ratio Lower Upper
 228 100
 229 21.1 15.8 23.8
 226 27.8 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

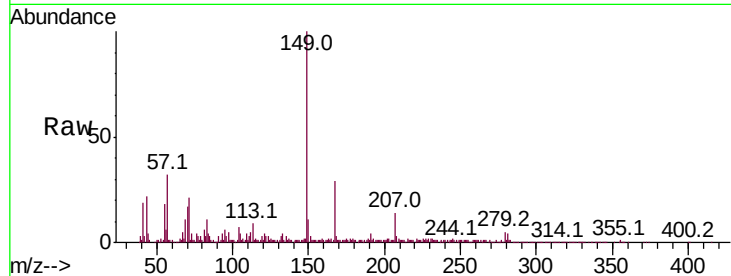




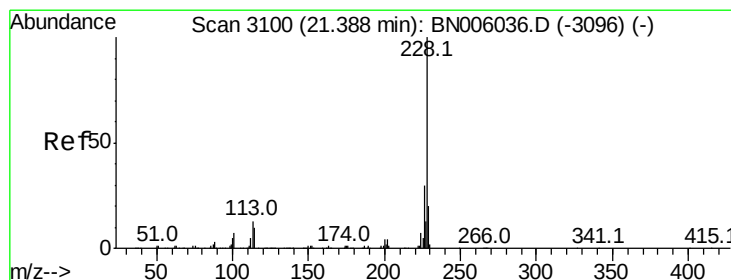
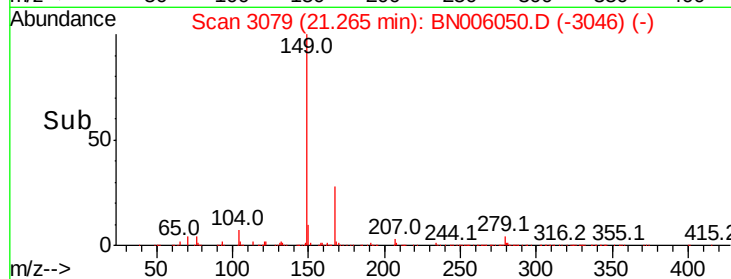
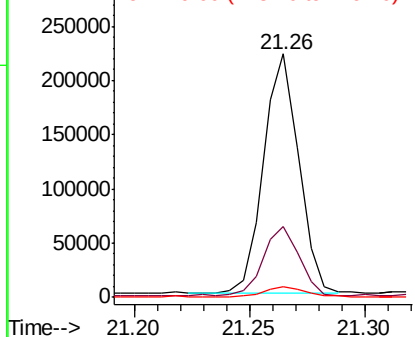
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.438 ng/ul
 RT: 21.26 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.5	33.7
279	4.5	3.6	5.4

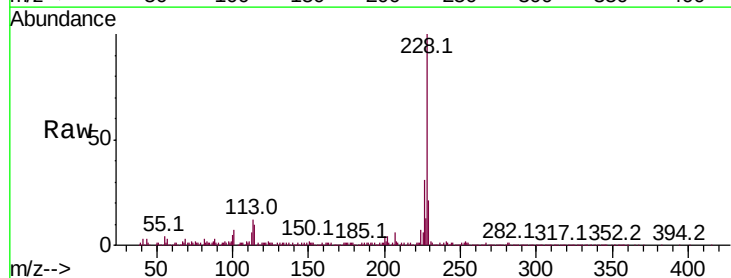


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

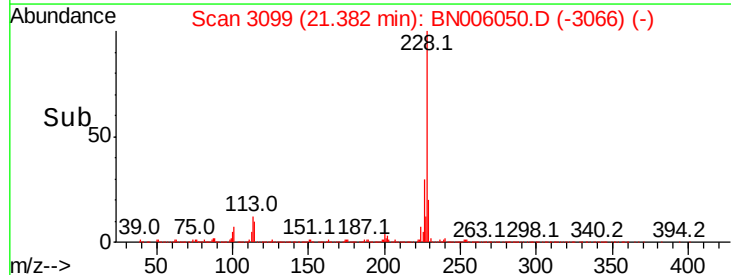
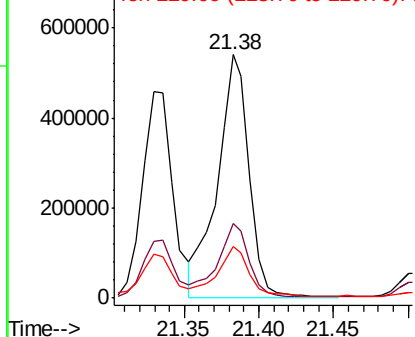


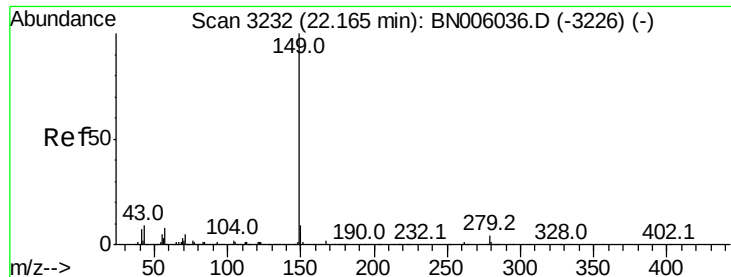
#84
 Chrysene
 Concen: 9.050 ng/ul
 RT: 21.38 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.0	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

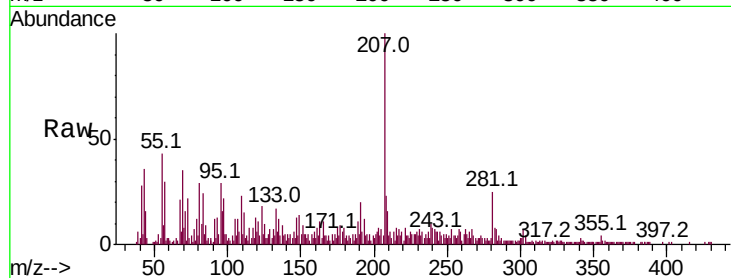




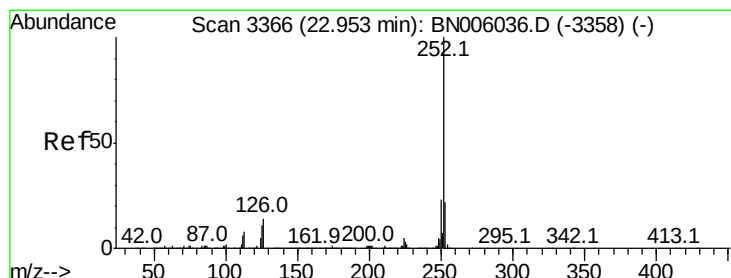
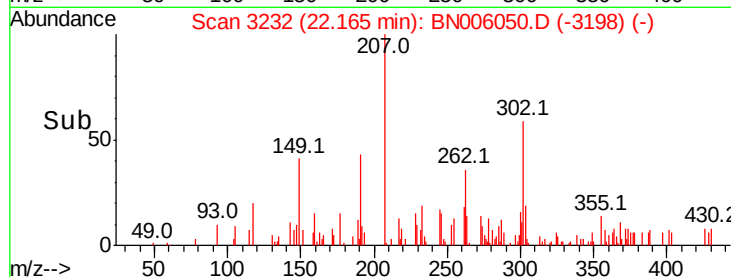
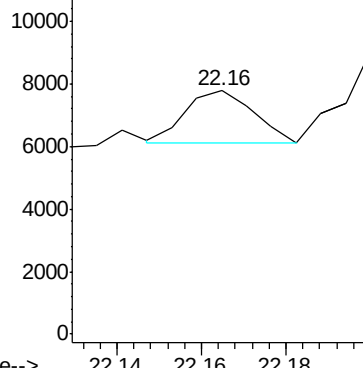
#86
Di-n-octyl phthalate
Concen: 0.017 ng/ul
RT: 22.16 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1869

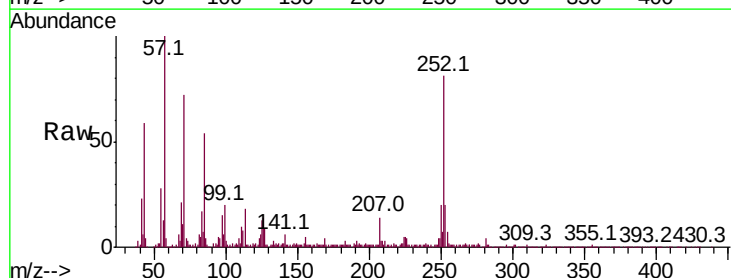


Abundance Ion 149.00 (148.70 to 149.70): E



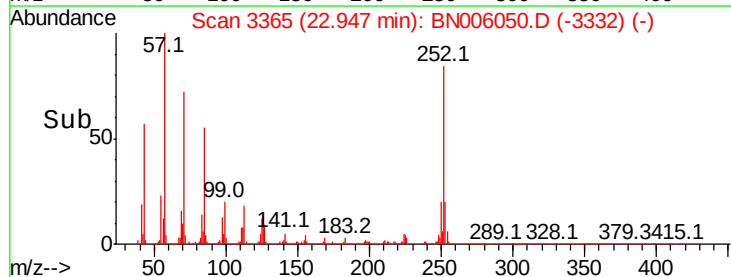
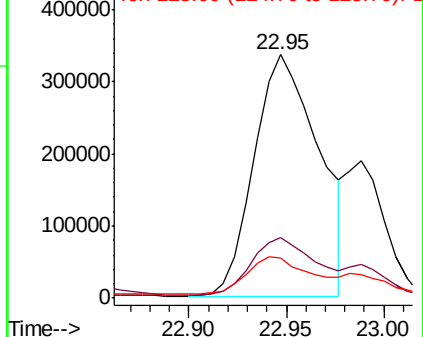
#87
Benzo(b)fluoranthene
Concen: 8.771 ng/ul
RT: 22.95 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN006050.D
Acq: 03 Jun 2019 22:56

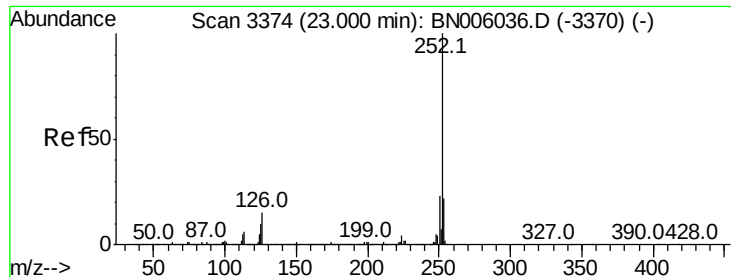
Tgt Ion:252 Resp: 769587
Ion Ratio Lower Upper
252 100
253 25.0 17.3 25.9
125 16.3 8.5 12.7#



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: 3.003 ng/ul

RT: 22.99 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BN006050.D

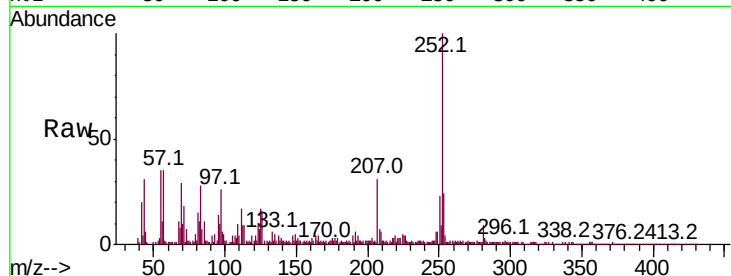
Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampled :

Tot Ion:	252	Resp:	255295
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	17.4	8.2	12.4

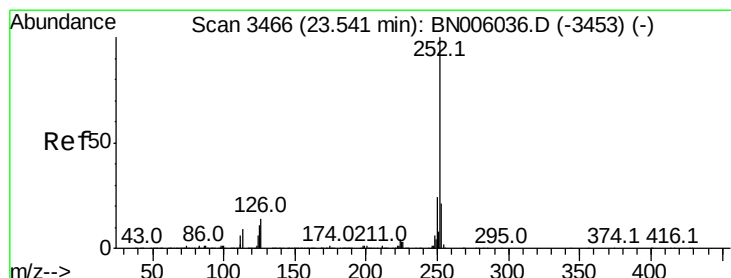
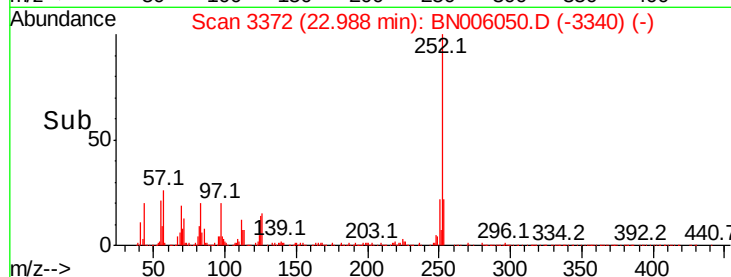
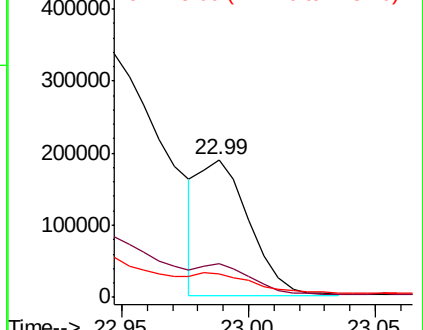


Abundance

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: 6.234 ng/ul

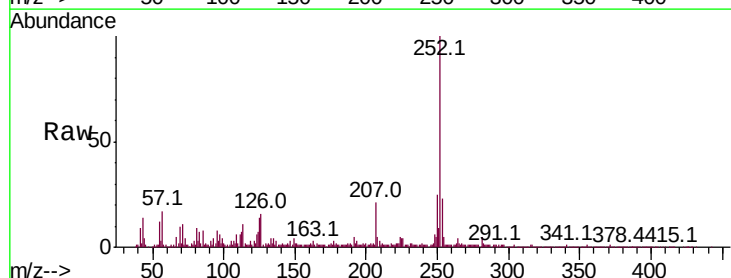
RT: 23.53 min Scan# 3464

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Tgt Ion:	252	Resp:	520093
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	13.6	9.2	13.8

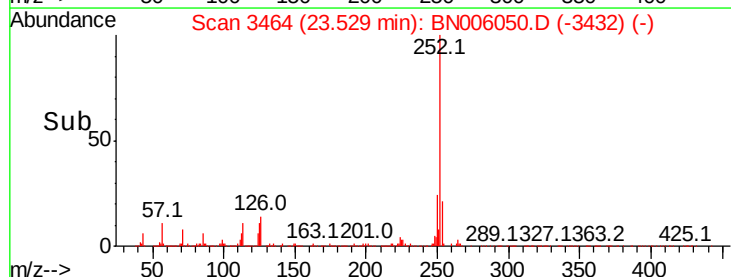
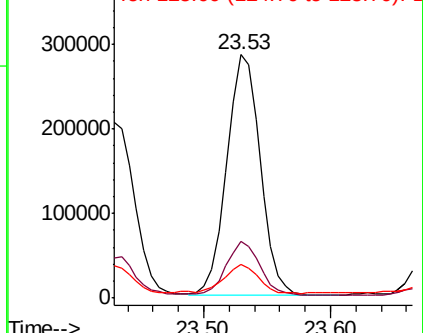


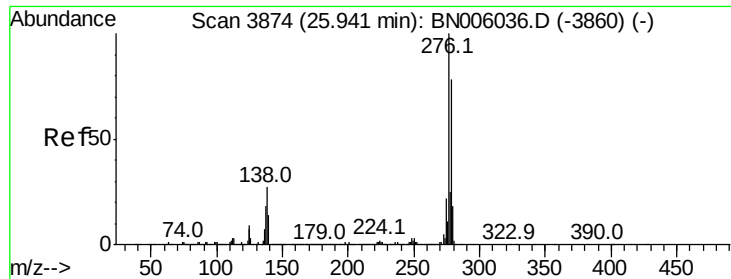
Abundance

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

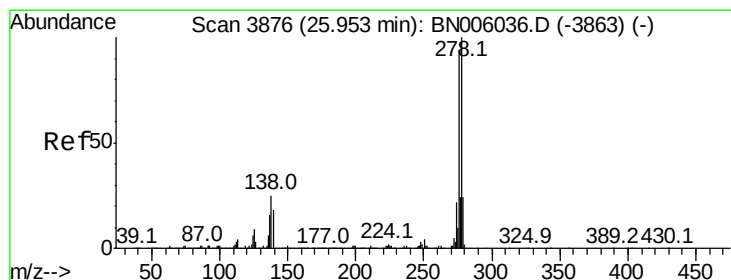
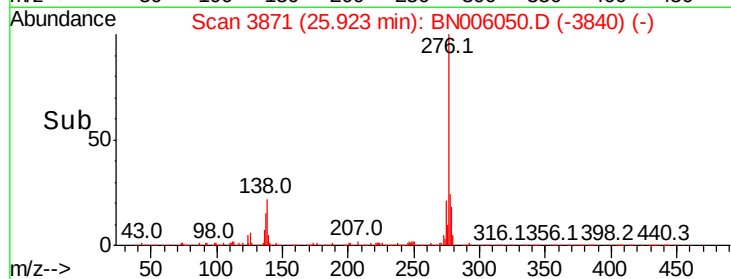
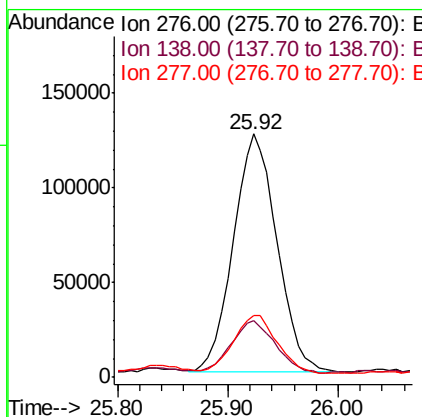
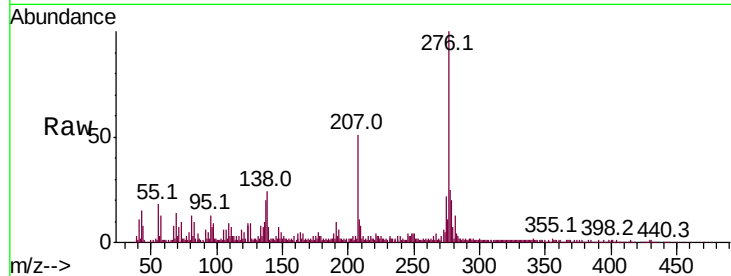




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.608 ng/ul
 RT: 25.92 min Scan# 3871
 Delta R.T. -0.02 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

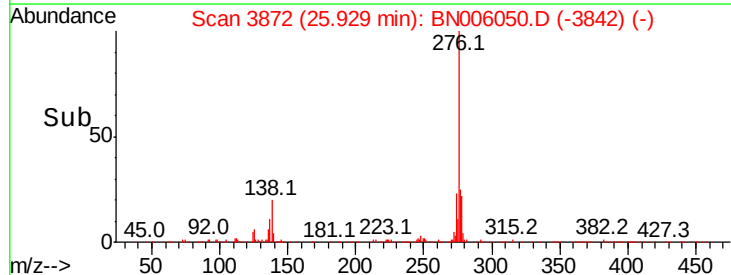
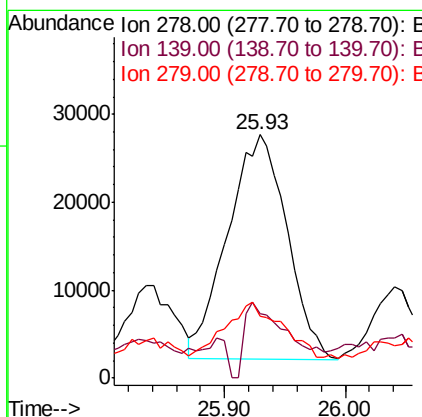
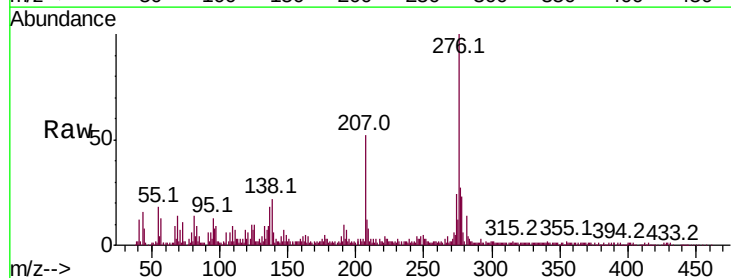
Instrument :
 BNA_N
 ClientSampleId :

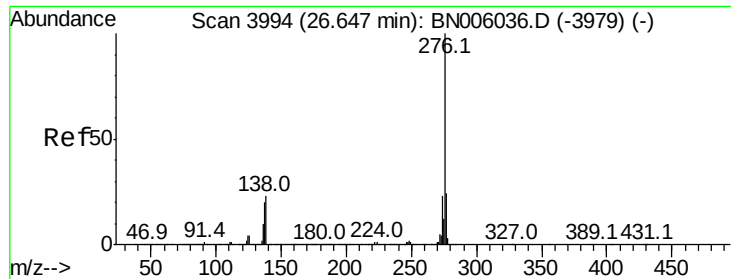
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.4	32.2
277	25.2	20.2	30.2



#92
 Dibenzo(a,h)anthracene
 Concen: 1.073 ng/ul
 RT: 25.93 min Scan# 3872
 Delta R.T. -0.02 min
 Lab File: BN006050.D
 Acq: 03 Jun 2019 22:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.5	14.2	21.2#
279	25.6	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 4.282 ng/ul

RT: 26.64 min Scan# 3992

Delta R.T. -0.01 min

Lab File: BN006050.D

Acq: 03 Jun 2019 22:56

Instrument :

BNA_N

ClientSampleId :

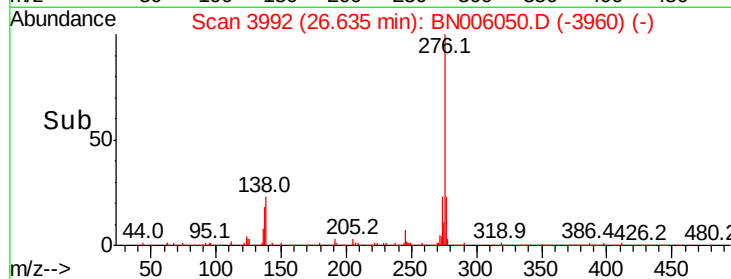
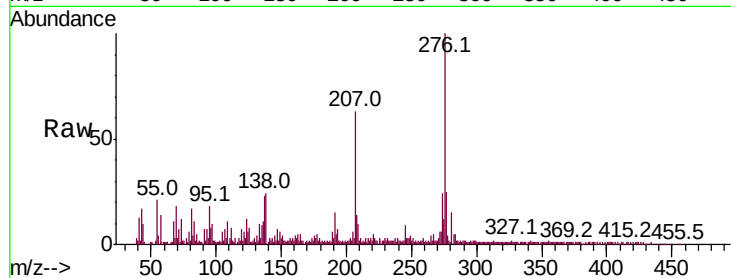
Tot Ion: 276 Resp: 338497

Ion Ratio Lower Upper

276 100

138 24.3 18.8 28.2

277 25.1 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

