

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005137.D
 Acq On : 10 Apr 2019 20:41
 Operator : JU/SJ
 Sample : PB118783BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 11 07:33:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8219	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	33311	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	17735	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	34619	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	27045	20.00	ng	-0.02
87) Perylene-d12	23.48	264	27493	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	63717	134.03	ng	-0.02
7) Phenol-d6	6.83	99	78014	123.73	ng	-0.02
23) Nitrobenzene-d5	8.82	82	39680	72.06	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	37402	130.76	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	108300	80.92	ng	-0.02
79) Terphenyl-d14	19.69	244	124863	88.89	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	8142	46.998	ng	# 97
3) Pyridine	3.57	79	15011	31.006	ng	97
4) n-Nitrosodimethylamine	3.50	42	5581	35.361	ng	100
6) Aniline	6.99	93	26081	32.482	ng	99
8) 2-Chlorophenol	7.22	128	25036	41.486	ng	98
9) Benzaldehyde	6.80	77	6082	16.786	ng	95
10) Phenol	6.86	94	26871	39.771	ng	100
11) bis(2-Chloroethyl)ether	7.09	93	19652	37.613	ng	99
12) 1,3-Dichlorobenzene	7.54	146	25478	38.749	ng	98
13) 1,4-Dichlorobenzene	7.69	146	26196	39.360	ng	98
14) 1,2-Dichlorobenzene	8.00	146	25421	39.912	ng	100
15) Benzyl Alcohol	7.90	79	17976	37.473	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	21354	33.876	ng	96
17) 2-Methylphenol	8.10	107	19287	40.948	ng	98
18) Hexachloroethane	8.71	117	8835	37.453	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	14785	35.769	ng	97
20) 3+4-Methylphenols	8.43	107	25332	39.610	ng	99
22) Acetophenone	8.48	105	32505	42.747	ng	# 98
24) Nitrobenzene	8.86	77	21891	39.281	ng	99
25) Isophorone	9.37	82	40711	37.949	ng	99
26) 2-Nitrophenol	9.56	139	13246	40.934	ng	95
27) 2,4-Dimethylphenol	9.62	122	21895	48.599	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	26480	39.839	ng	100
29) 2,4-Dichlorophenol	10.09	162	22579	43.607	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	24961	43.762	ng	99
31) Naphthalene	10.49	128	72738	41.853	ng	100
32) Benzoic acid	9.79	122	9655	29.109	ng	99
33) 4-Chloroaniline	10.61	127	13425	18.986	ng	99
34) Hexachlorobutadiene	10.75	225	15688	42.508	ng	100
35) Caprolactam	11.40	113	5607	33.071	ng	90
36) 4-Chloro-3-methylphenol	11.74	107	21654	38.712	ng	98
37) 2-Methylnaphthalene	12.10	142	52488	42.769	ng	99
38) 1-Methylnaphthalene	12.33	142	49069	40.860	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	28320	45.021	ng	99

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 QLast Update : Wed Mar 27 05:27:09 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	33705	93.863	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	17295	44.310	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	18186	42.768	ng	98
46) 1,1'-Biphenyl	13.13	154	65365	43.547	ng	99
47) 2-Chloronaphthalene	13.17	162	50389	43.746	ng	100
48) 2-Nitroaniline	13.39	65	11157	36.387	ng	96
49) Acenaphthylene	14.02	152	78603	40.572	ng	99
50) Dimethylphthalate	13.77	163	60517	41.534	ng	100
51) 2,6-Dinitrotoluene	13.90	165	13264	40.006	ng	92
52) Acenaphthene	14.37	154	45794	42.019	ng	99
53) 3-Nitroaniline	14.23	138	7582	22.374	ng	94
54) 2,4-Dinitrophenol	14.45	184	11290	59.157	ng	92
55) Dibenzofuran	14.70	168	72059	41.552	ng	99
56) 4-Nitrophenol	14.55	139	17069	63.940	ng	99
57) 2,4-Dinitrotoluene	14.69	165	17468	38.768	ng	96
58) Fluorene	15.36	166	56915	40.628	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	16238	41.186	ng	# 97
60) Diethylphthalate	15.13	149	58487	40.226	ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	30895	42.750	ng	98
62) 4-Nitroaniline	15.40	138	10555	31.001	ng	99
63) Azobenzene	15.64	77	44753	36.976	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	8247	36.263	ng	97
66) n-Nitrosodiphenylamine	15.57	169	49008	44.942	ng	98
67) 4-Bromophenyl-phenylether	16.25	248	19600	45.369	ng	97
68) Hexachlorobenzene	16.35	284	23377	46.187	ng	97
69) Atrazine	16.52	200	16405	42.108	ng	98
70) Pentachlorophenol	16.70	266	21033	79.038	ng	99
71) Phenanthrene	17.10	178	81321	41.806	ng	99
72) Anthracene	17.19	178	82671	42.698	ng	100
73) Carbazole	17.46	167	68181	38.688	ng	99
74) Di-n-butylphthalate	18.01	149	89031	41.471	ng	100
75) Fluoranthene	19.12	202	81215	36.598	ng	99
77) Benzidine	19.32	184	29910	35.487	ng	99
78) Pyrene	19.48	202	80213	44.418	ng	99
80) Butylbenzylphthalate	20.38	149	32521	44.320	ng	100
81) Benzo(a)anthracene	21.23	228	67210	39.896	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	21386	33.948	ng	99
83) Chrysene	21.29	228	65781	40.881	ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	45618	44.933	ng	99
85) Di-n-octyl phthalate	22.03	149	71938	43.906	ng	97
86) Indeno(1,2,3-cd)pyrene	25.73	276	97128	53.131	ng	99
88) Benzo(b)fluoranthene	22.81	252	73121	43.209	ng	99
89) Benzo(k)fluoranthene	22.86	252	67401	43.433	ng	99
90) Benzo(a)pyrene	23.39	252	69965	45.180	ng	99
91) Dibenzo(a,h)anthracene	25.73	278	81433	52.379	ng	99
92) Benzo(g,h,i)perylene	26.42	276	82438	53.618	ng	97

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

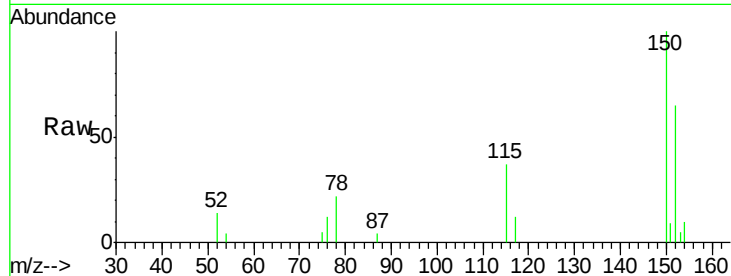


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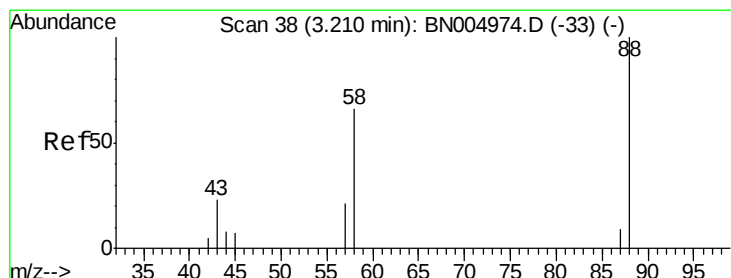
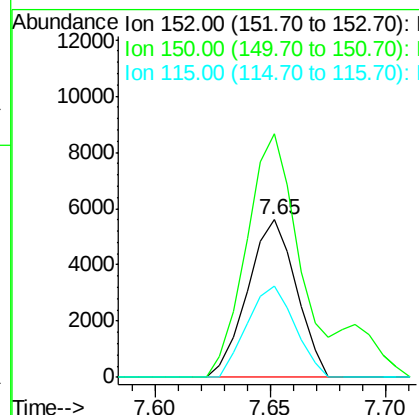
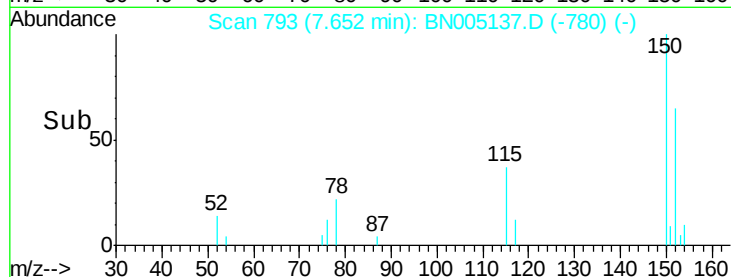
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 8219
Ion Ratio Lower Upper
152 100
150 154.6 126.9 190.3
115 57.7 47.8 71.6



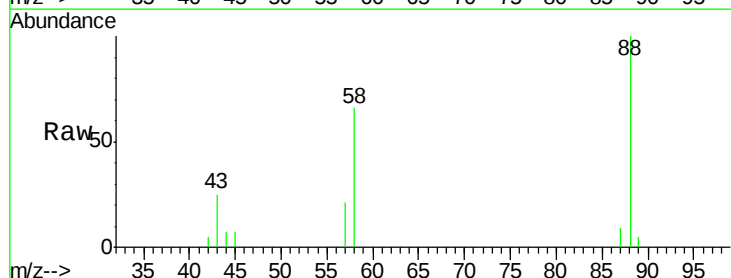
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



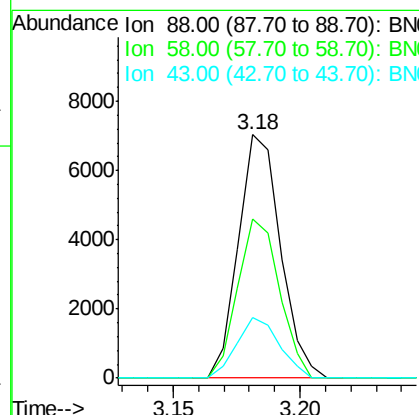
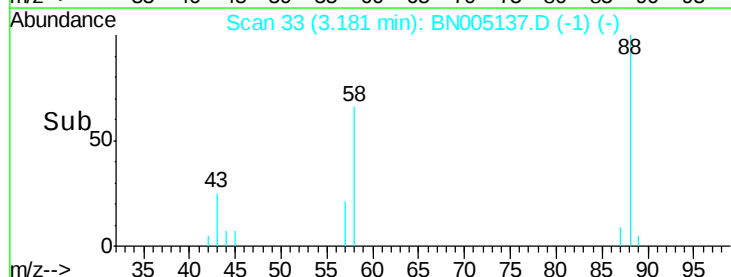
#2

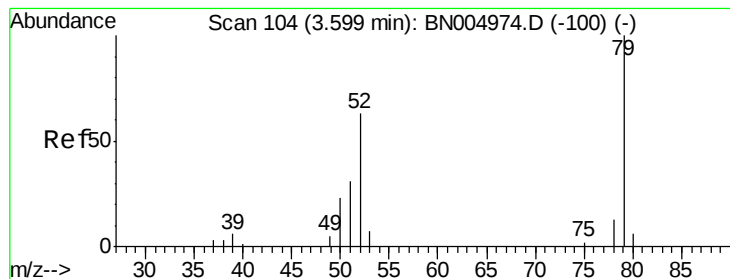
1,4-Dioxane
Concen: 46.998 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.03 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion: 88 Resp: 8142
Ion Ratio Lower Upper
88 100
58 64.7 51.0 76.6
43 25.1 16.7 25.1#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 31.006 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

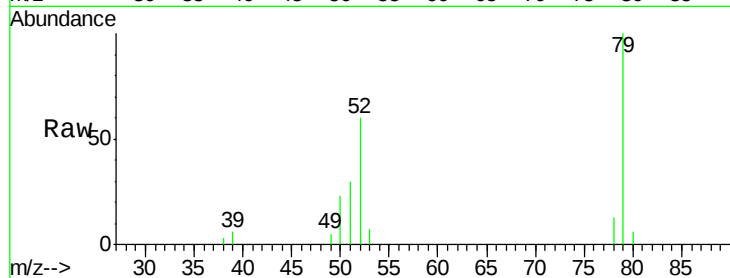
Tot Ion: 79 Resp: 15011

Ion Ratio Lower Upper

79 100

52 59.9 50.2 75.4

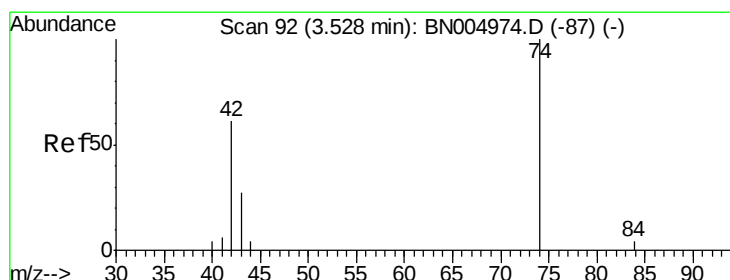
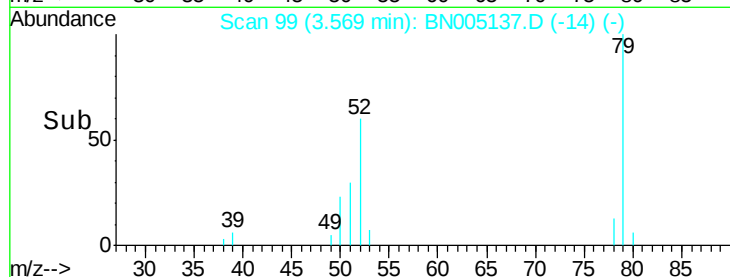
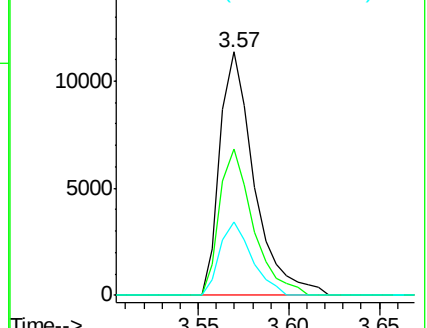
51 30.1 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BN004974.D (-100) (-)

Ion 52.00 (51.70 to 52.70): BN004974.D (-100) (-)

Ion 51.00 (50.70 to 51.70): BN004974.D (-100) (-)



#4

n-Nitrosodimethylamine

Concen: 35.361 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

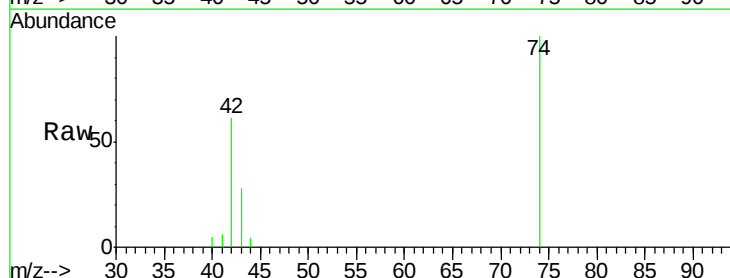
Tgt Ion: 42 Resp: 5581

Ion Ratio Lower Upper

42 100

74 163.0 130.8 196.2

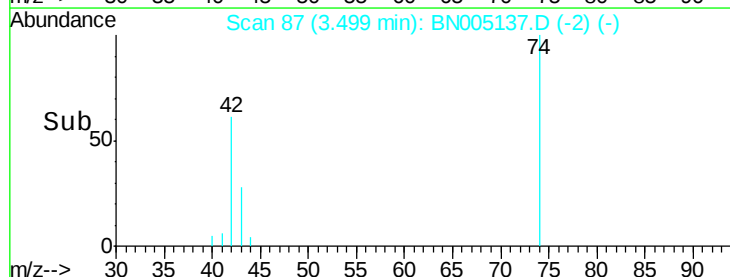
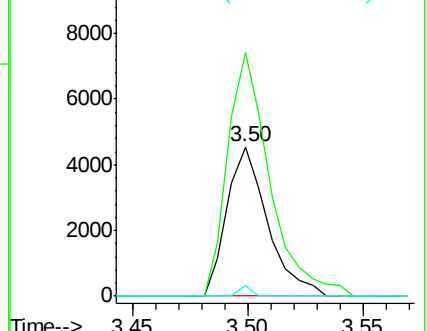
44 7.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BN004974.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN004974.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN004974.D (-87) (-)





#5

2-Fluorophenol

Concen: 134.031 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

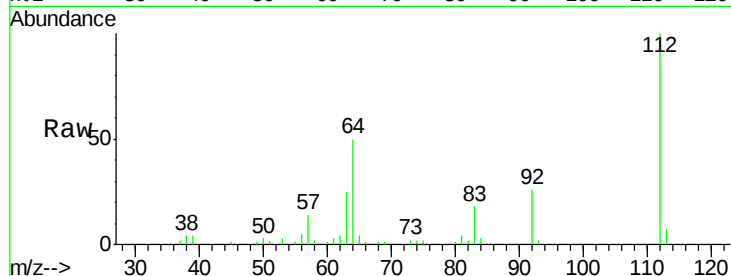
Tot Ion:112 Resp: 63717

Ion Ratio Lower Upper

112 100

64 50.0 41.9 62.9

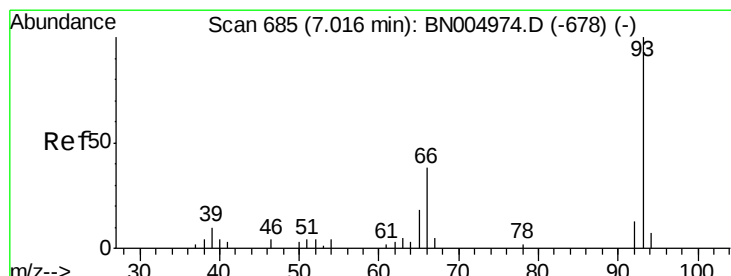
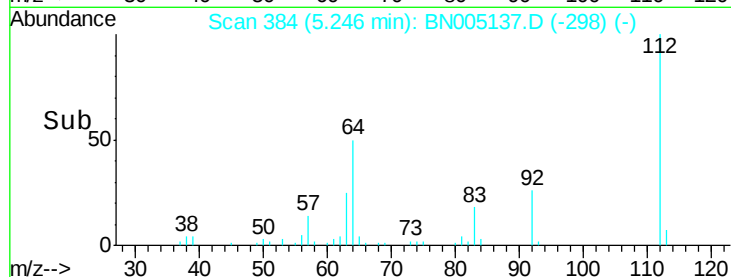
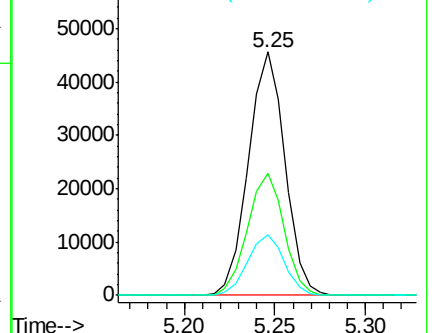
63 25.0 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 32.482 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

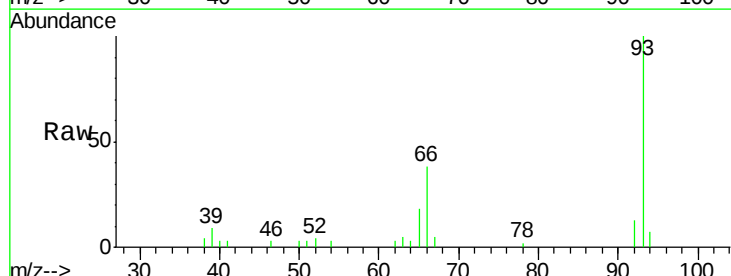
Tgt Ion: 93 Resp: 26081

Ion Ratio Lower Upper

93 100

66 37.9 30.2 45.4

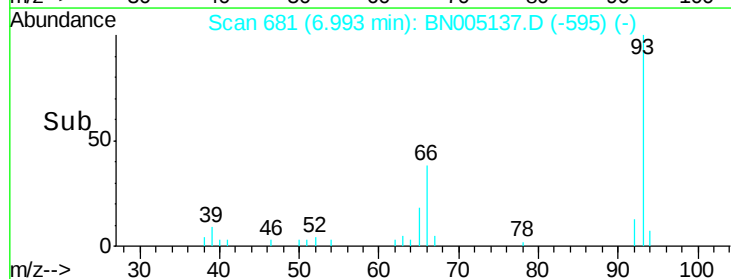
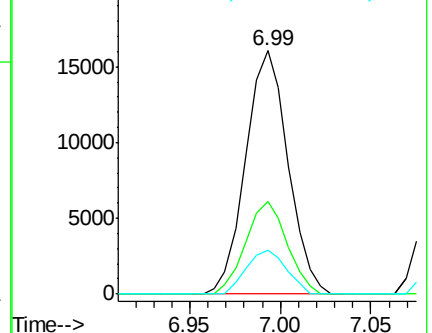
65 17.8 14.7 22.1

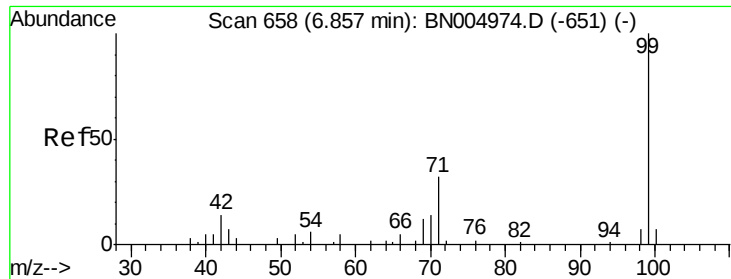


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 123.728 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

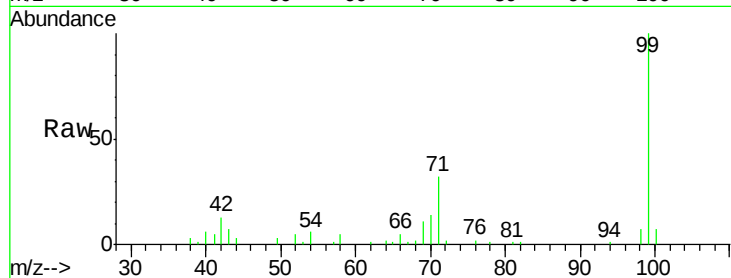
Tot Ion: 99 Resp: 78014

Ion Ratio Lower Upper

99 100

42 13.4 11.4 17.0

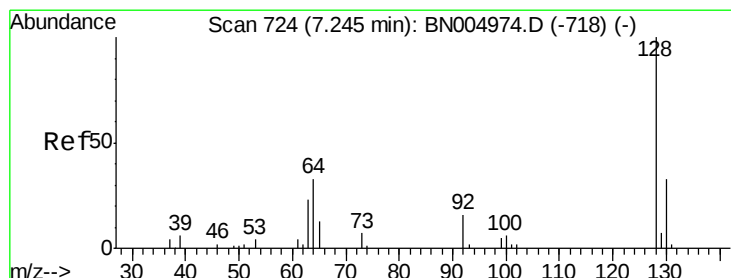
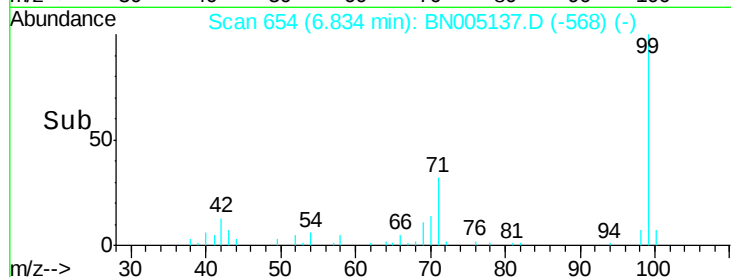
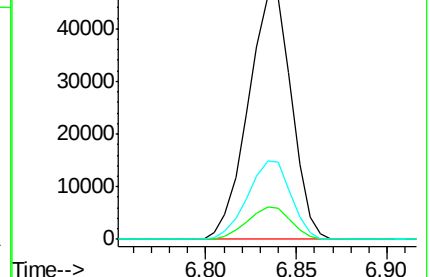
71 32.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#8

2-Chlorophenol

Concen: 41.486 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

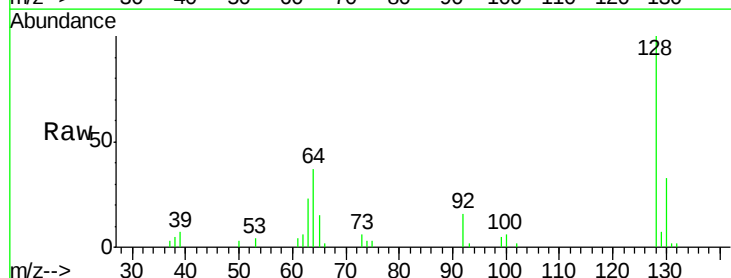
Tgt Ion:128 Resp: 25036

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

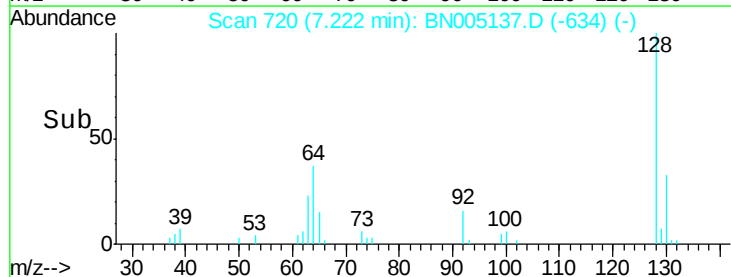
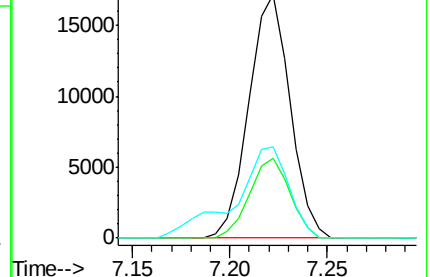
64 37.5 19.9 59.9

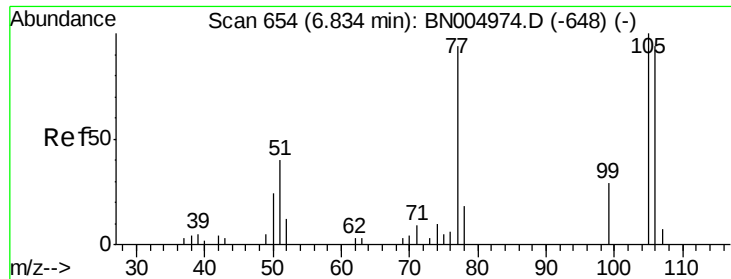


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)

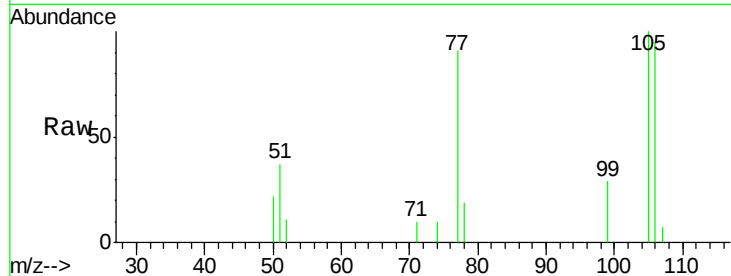




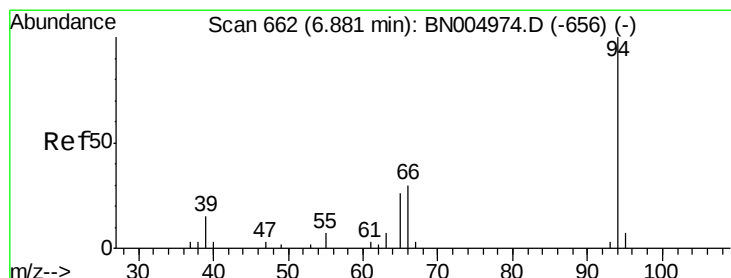
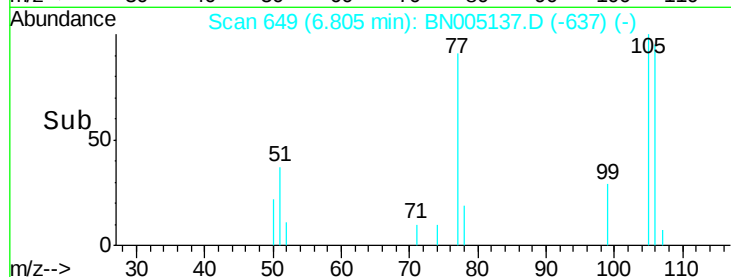
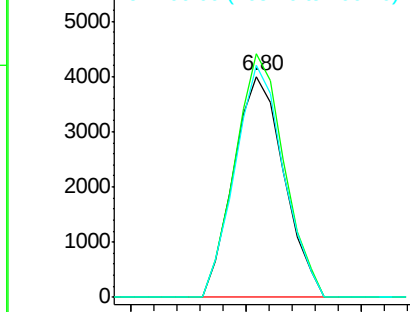
#9
Benzaldehyde
Concen: 16.786 ng
RT: 6.80 min Scan# 649
Delta R.T. -0.03 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 6082
Ion Ratio Lower Upper
77 100
105 110.3 86.1 126.1
106 105.3 79.9 119.9

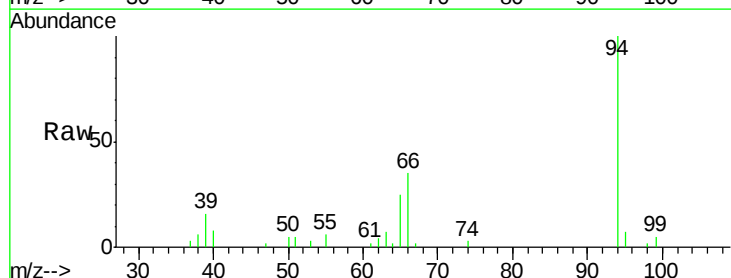


Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

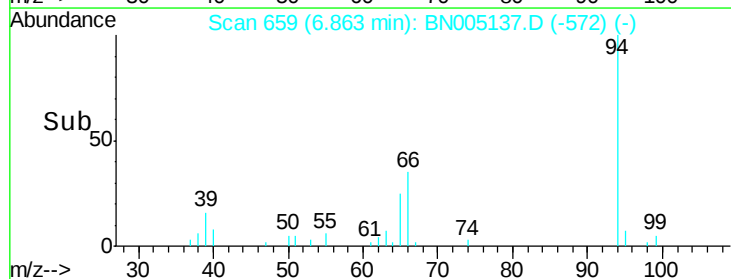
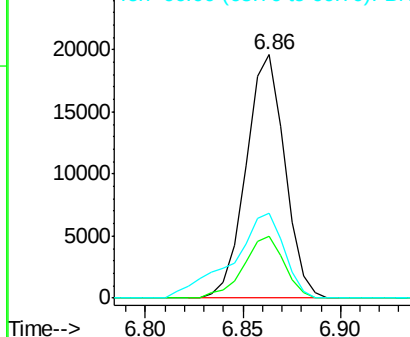


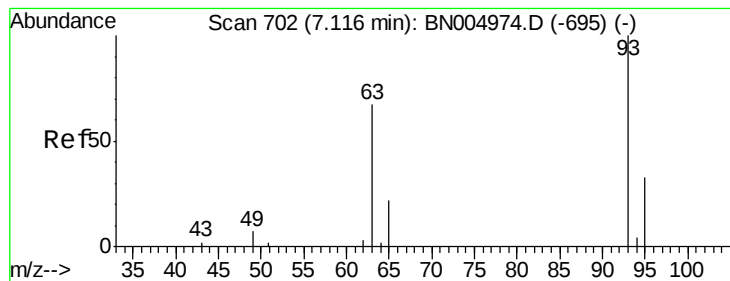
#10
Phenol
Concen: 39.771 ng
RT: 6.86 min Scan# 659
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion: 94 Resp: 26871
Ion Ratio Lower Upper
94 100
65 25.4 5.7 45.7
66 35.0 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0





#11

bis(2-Chloroethyl)ether

Concen: 37.613 ng

RT: 7.09 min Scan# 698

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

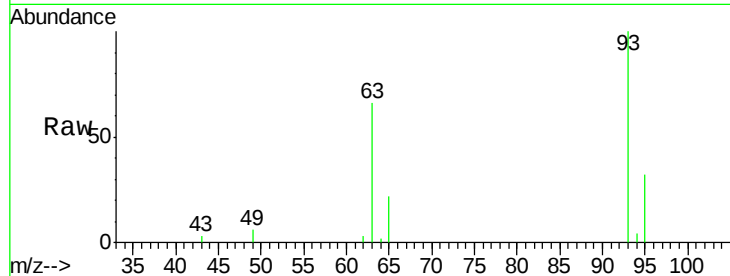
Tot Ion: 93 Resp: 19652

Ion Ratio Lower Upper

93 100

63 65.8 47.0 87.0

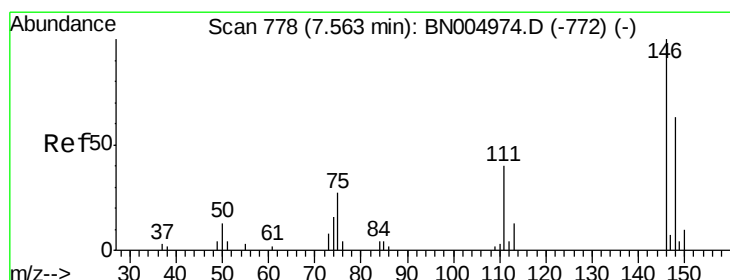
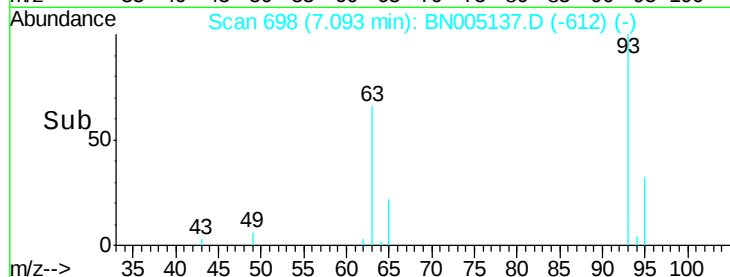
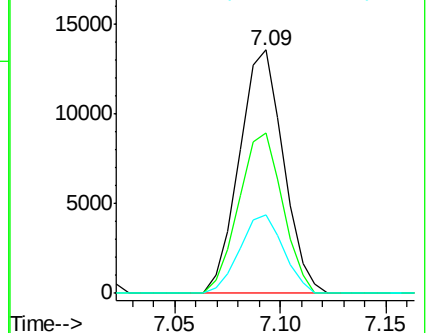
95 32.1 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BN004974.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 38.749 ng

RT: 7.54 min Scan# 774

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

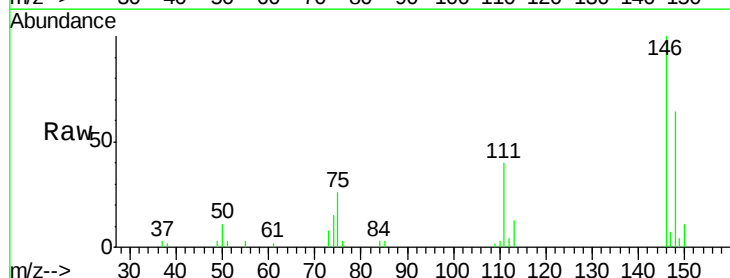
Tgt Ion: 146 Resp: 25478

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

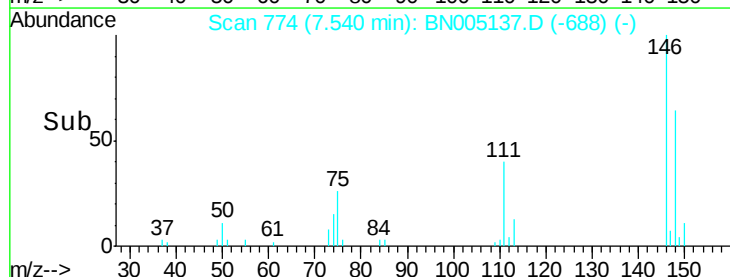
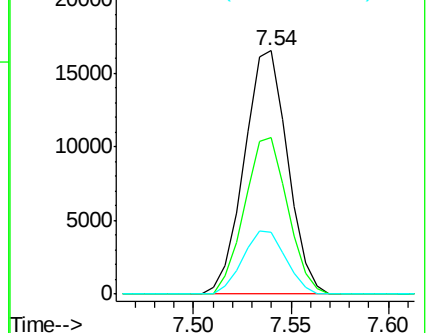
75 25.5 22.0 33.0

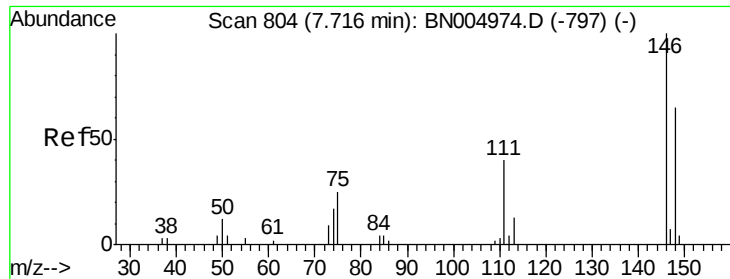


Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-772) (-)

Ion 148.00 (147.70 to 148.70): BN004974.D (-772) (-)

Ion 75.00 (74.70 to 75.70): BN004974.D (-772) (-)

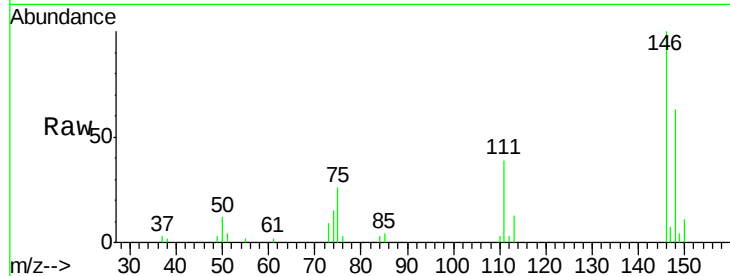




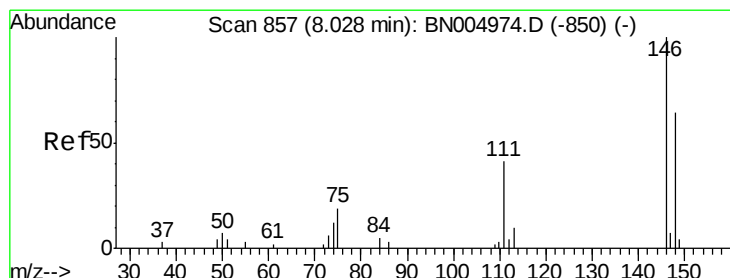
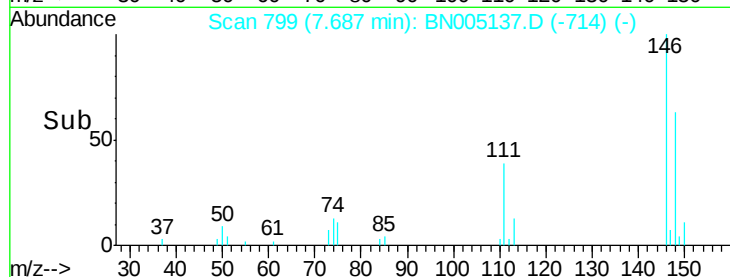
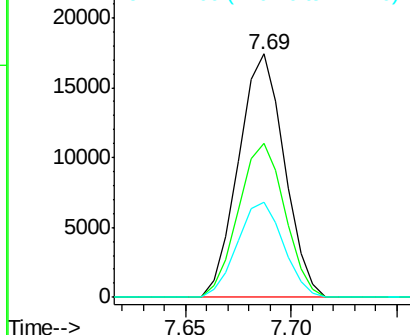
#13
 1,4-Dichlorobenzene
 Concen: 39.360 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.03 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 26196
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 111 39.2 32.6 49.0

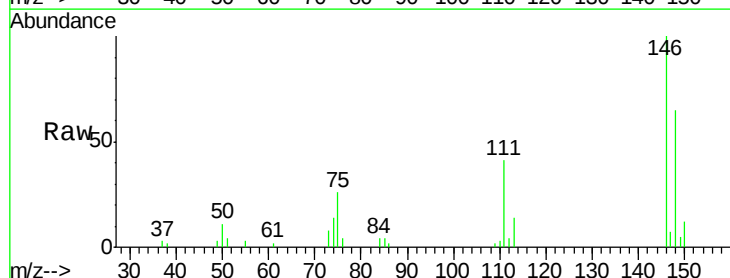


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

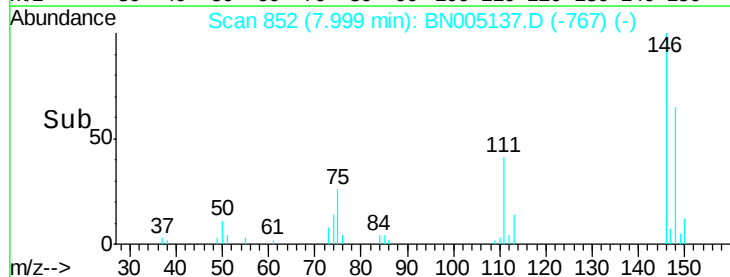
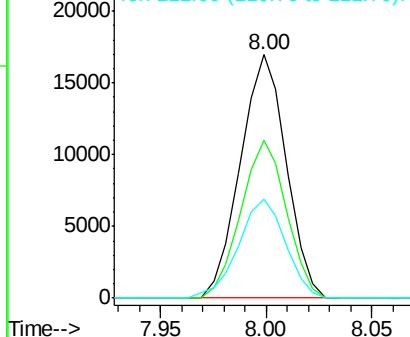


#14
 1,2-Dichlorobenzene
 Concen: 39.912 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:146 Resp: 25421
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 40.8 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

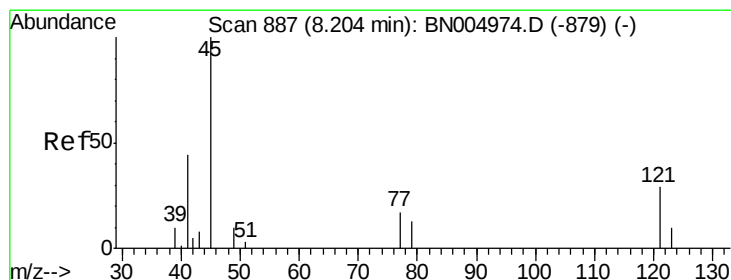
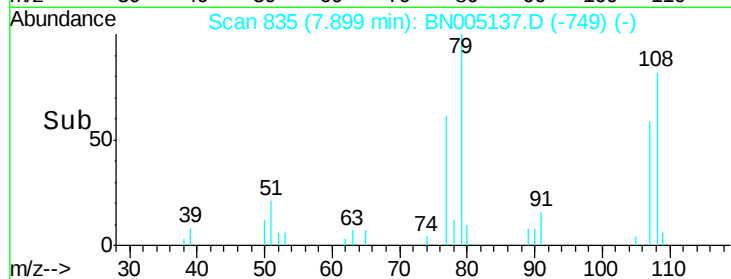
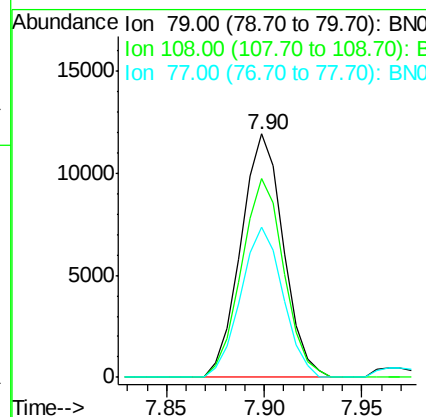
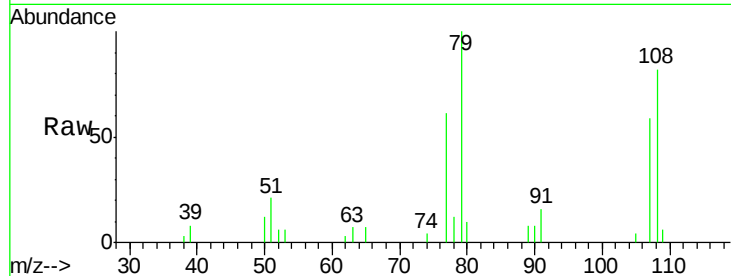




#15
Benzyl Alcohol
Concen: 37.473 ng
RT: 7.90 min Scan# 835
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

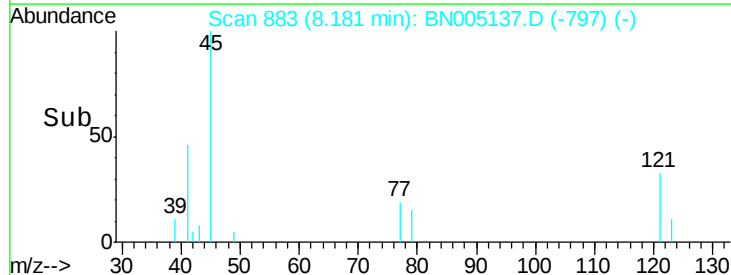
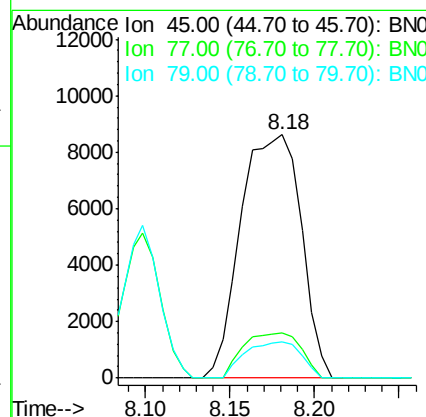
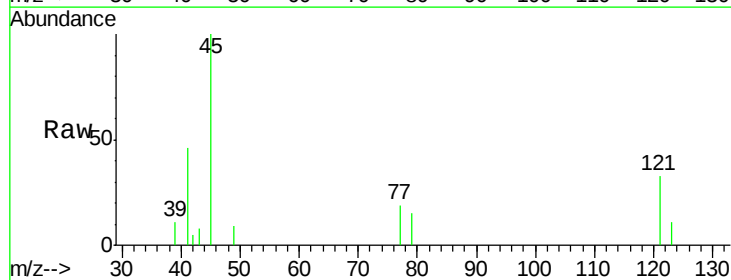
Instrument :
BNA_N
ClientSampleId :

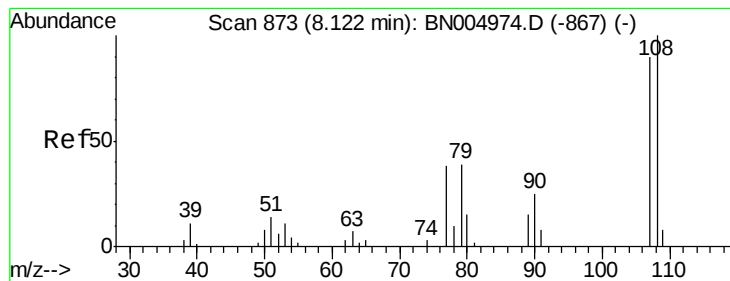
Tot Ion: 79 Resp: 17976
Ion Ratio Lower Upper
79 100
108 81.6 64.0 96.0
77 61.5 48.8 73.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.876 ng
RT: 8.18 min Scan# 883
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion: 45 Resp: 21354
Ion Ratio Lower Upper
45 100
77 18.7 0.0 36.9
79 14.7 0.0 33.3





#17

2-Methylphenol

Concen: 40.948 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 19287

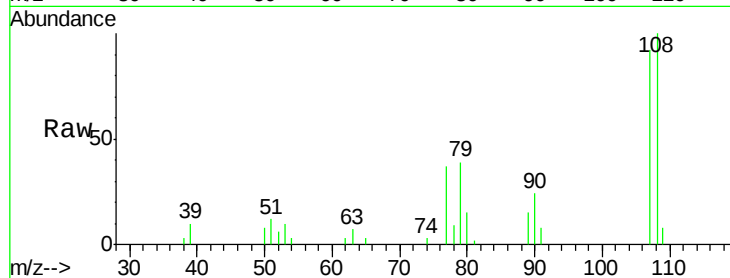
Ion Ratio Lower Upper

107 100

108 109.3 88.8 133.2

77 40.2 34.2 51.2

79 42.4 34.8 52.2

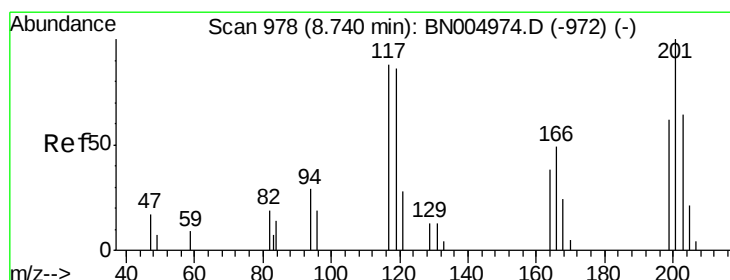
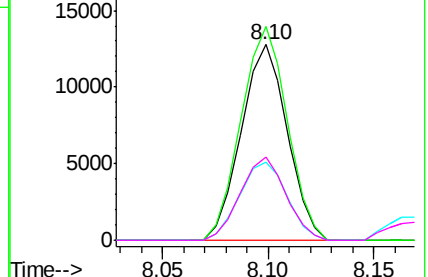
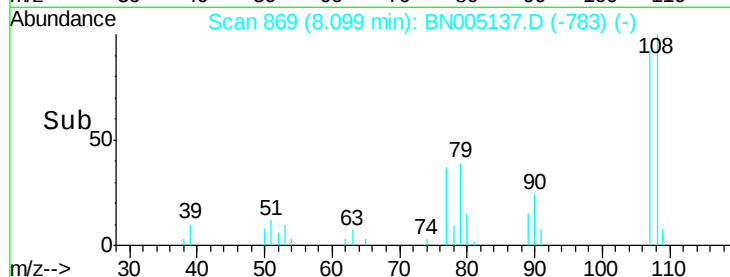


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 37.453 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

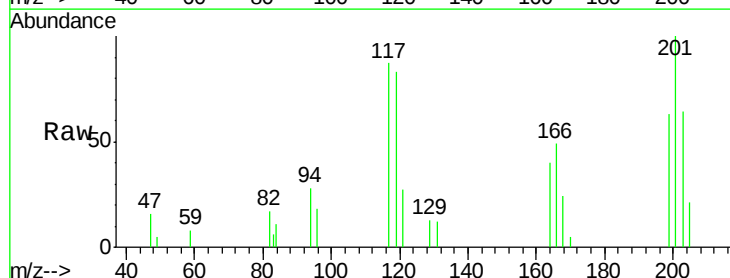
Tgt Ion:117 Resp: 8835

Ion Ratio Lower Upper

117 100

119 94.6 77.5 116.3

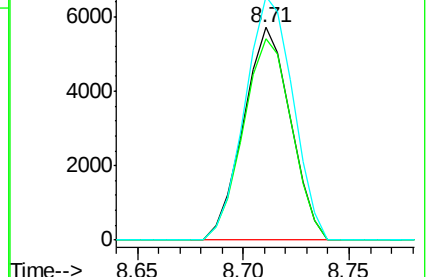
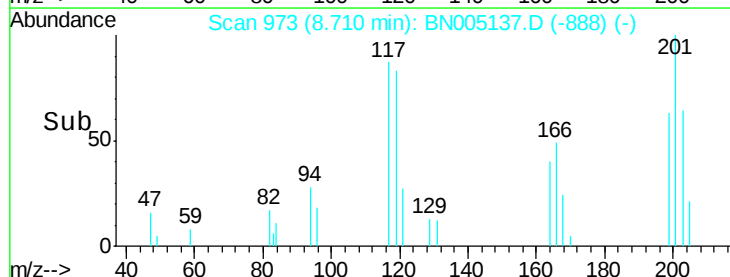
201 114.5 90.5 135.7

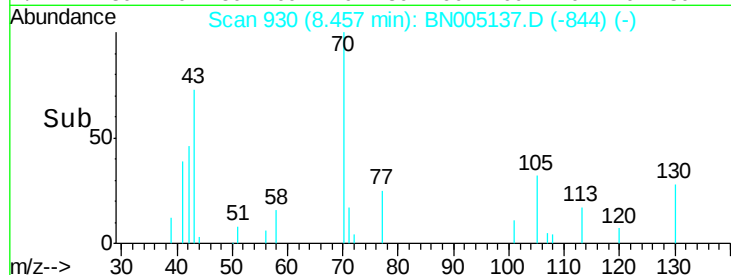
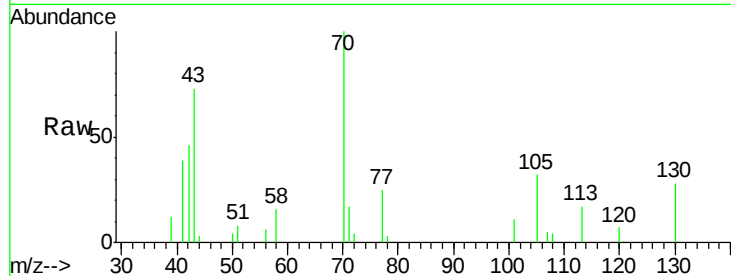
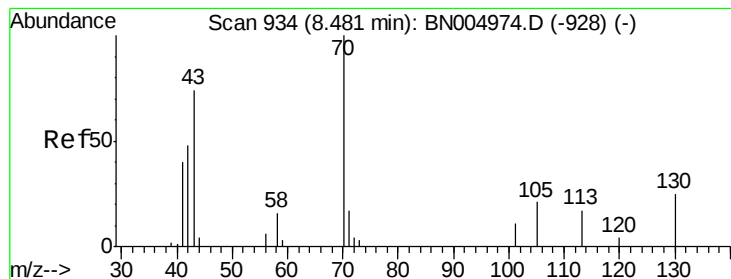


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.769 ng

RT: 8.46 min Scan# 930

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 14785

Ion Ratio Lower Upper

70 100

42 46.0 38.4 57.6

101 11.4 8.8 13.2

130 27.5 19.8 29.8

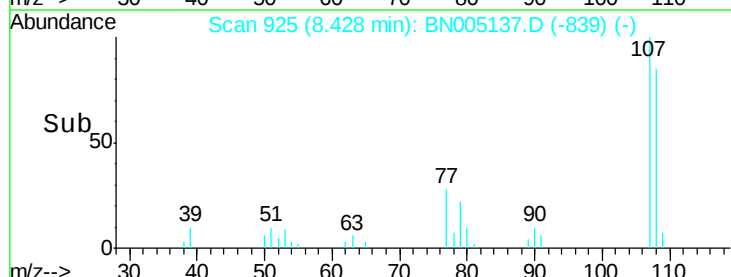
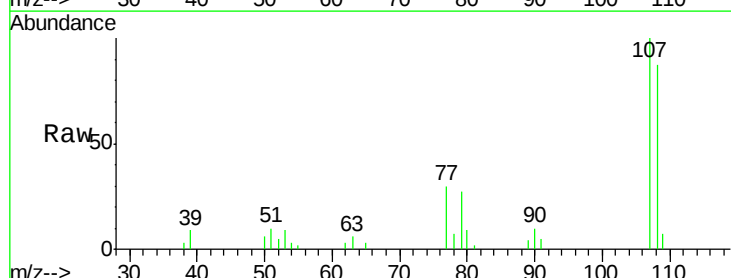
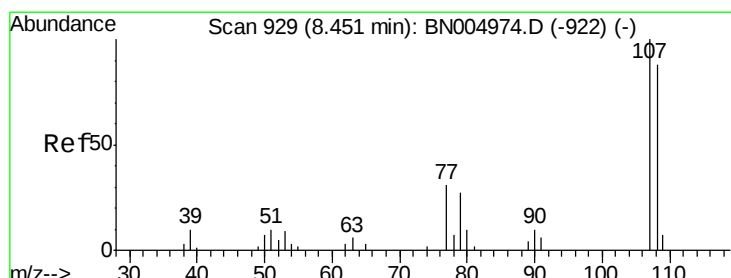
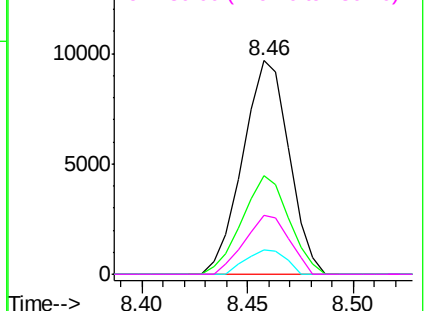
Abundance

Ion 70.00 (69.70 to 70.70): BN005137.D (-844) (-)

Ion 42.00 (41.70 to 42.70): BN005137.D (-844) (-)

Ion 101.00 (100.70 to 101.70): BN005137.D (-844) (-)

Ion 130.00 (129.70 to 130.70): BN005137.D (-844) (-)



#20

3+4-Methylphenols

Concen: 39.610 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Tgt Ion:107 Resp: 25332

Ion Ratio Lower Upper

107 100

108 87.0 67.9 107.9

77 30.5 10.6 50.6

79 27.4 6.8 46.8

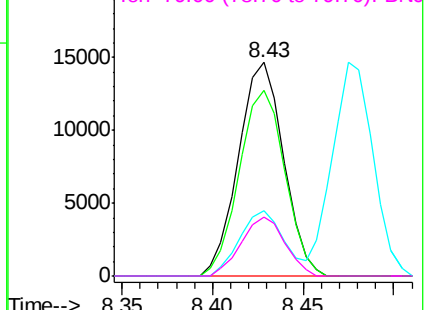
Abundance

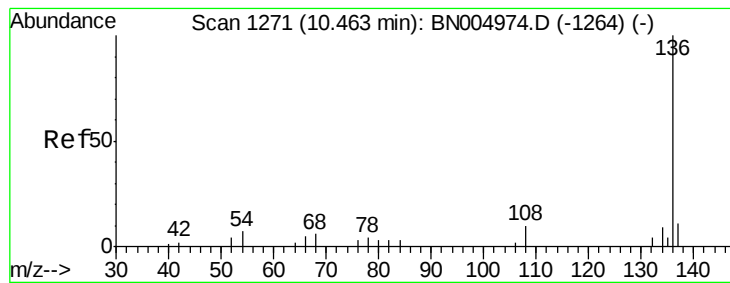
Ion 107.00 (106.70 to 107.70): BN005137.D (-839) (-)

Ion 108.00 (107.70 to 108.70): BN005137.D (-839) (-)

Ion 77.00 (76.70 to 77.70): BN005137.D (-839) (-)

Ion 79.00 (78.70 to 79.70): BN005137.D (-839) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 33311

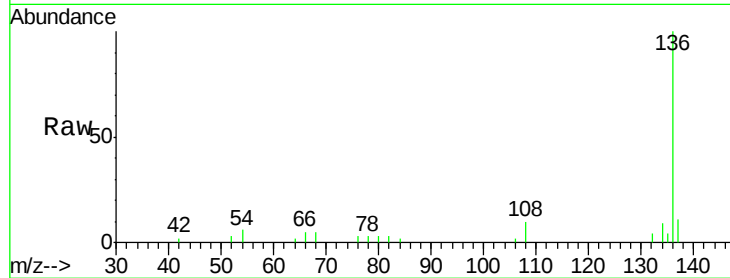
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 5.3 7.9

68 5.3 4.6 6.8

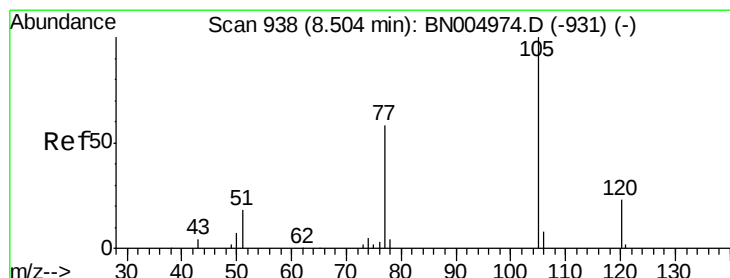
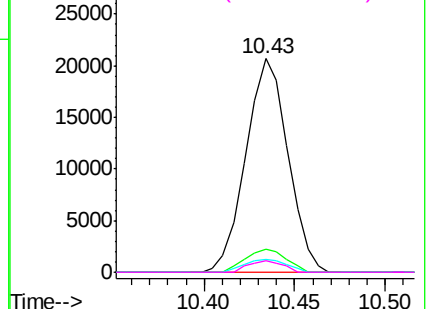
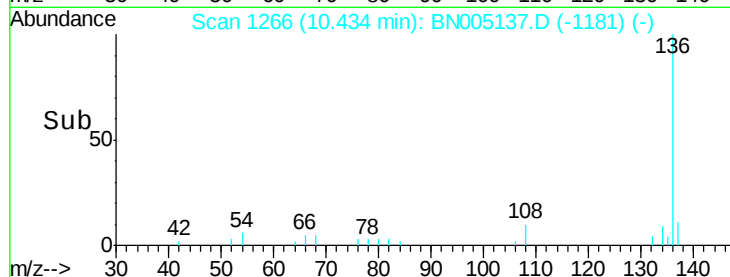


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 42.747 ng

RT: 8.48 min Scan# 933

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Tgt Ion:105 Resp: 32505

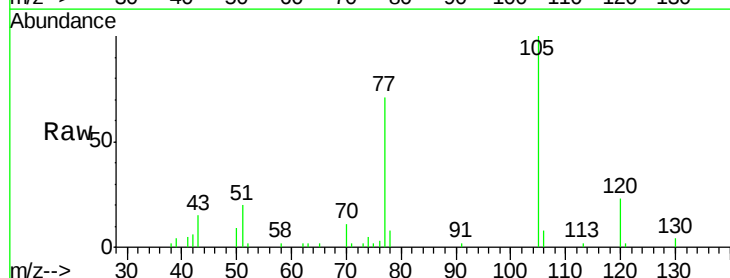
Ion Ratio Lower Upper

105 100

71 2.0 0.0 0.0#

51 20.5 17.8 26.8

120 22.8 18.6 27.8

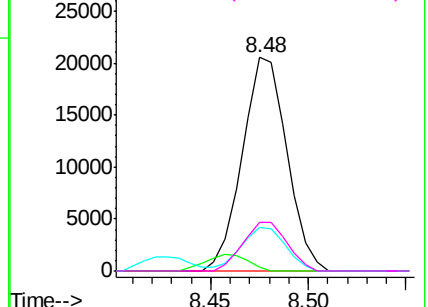
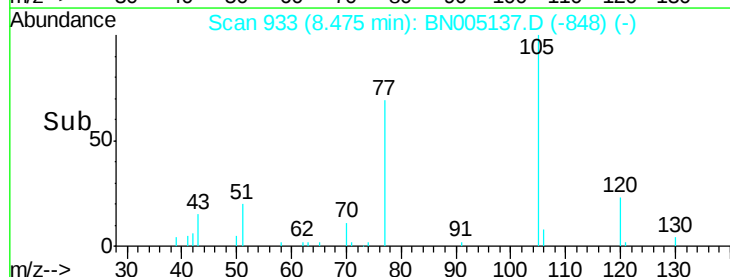


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

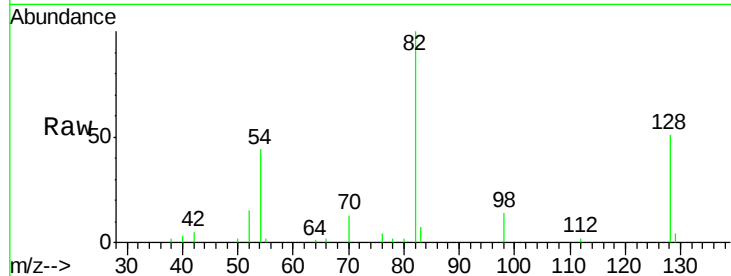




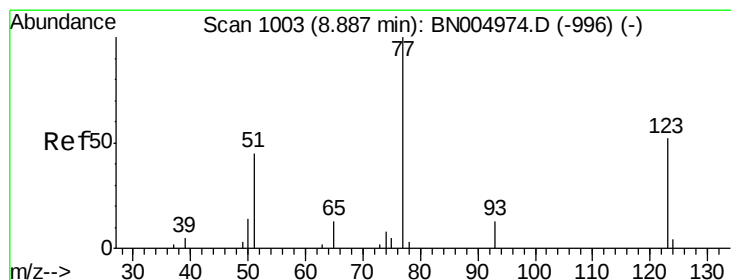
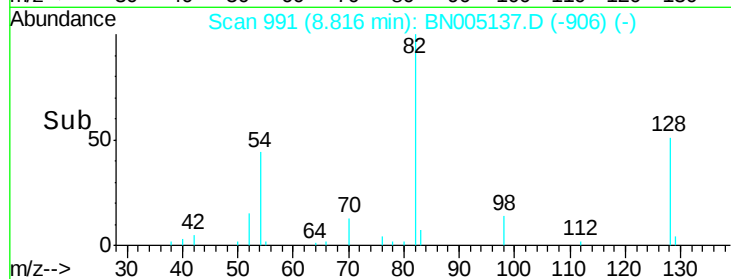
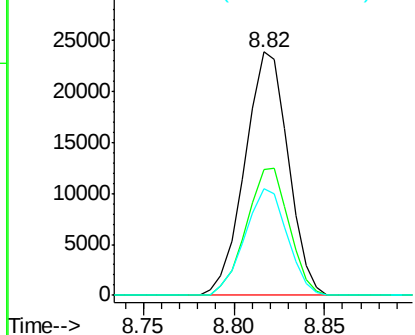
#23
 Nitrobenzene-d5
 Concen: 72.057 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 39680
 Ion Ratio Lower Upper
 82 100
 128 51.4 40.6 60.8
 54 43.6 35.2 52.8

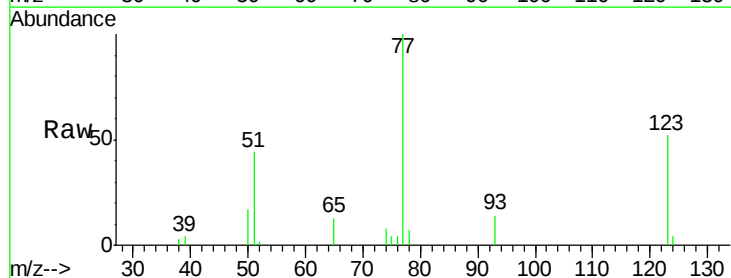


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

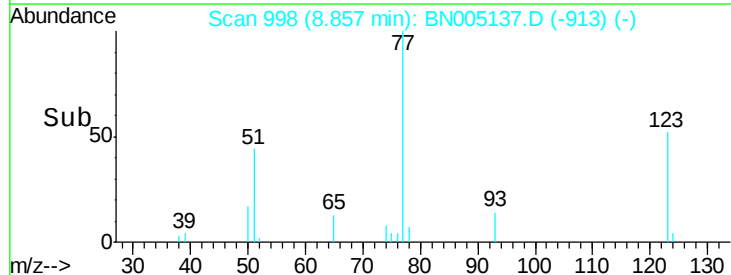
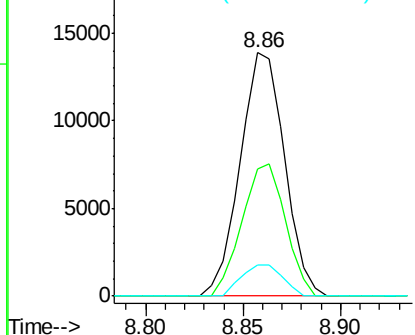


#24
 Nitrobenzene
 Concen: 39.281 ng
 RT: 8.86 min Scan# 998
 Delta R.T. -0.03 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion: 77 Resp: 21891
 Ion Ratio Lower Upper
 77 100
 123 52.5 41.3 61.9
 65 12.8 10.3 15.5



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





#25

Isophorone

Concen: 37.949 ng

RT: 9.37 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

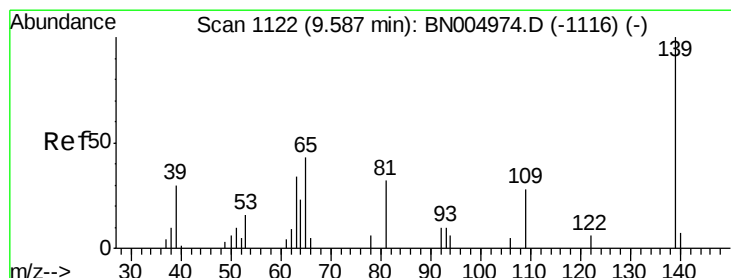
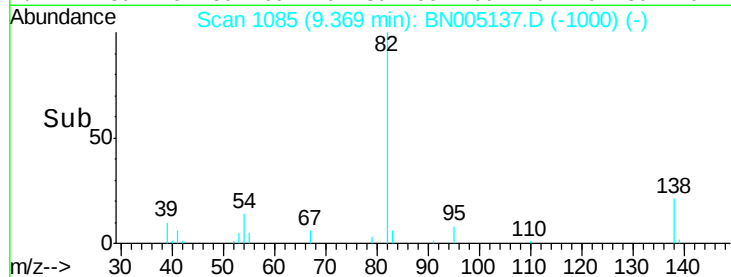
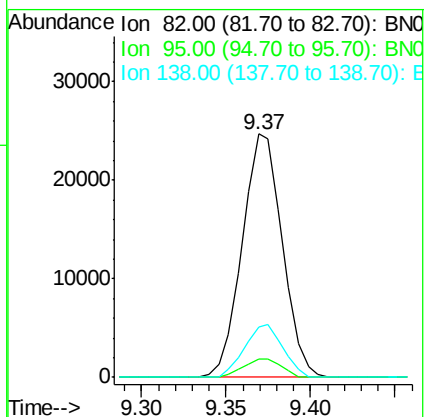
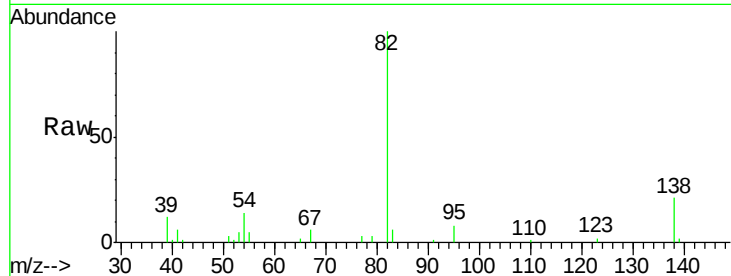
Tot Ion: 82 Resp: 40711

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 20.8 16.2 24.2



#26

2-Nitrophenol

Concen: 40.934 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

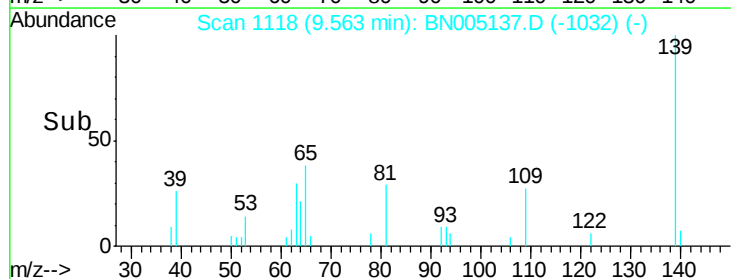
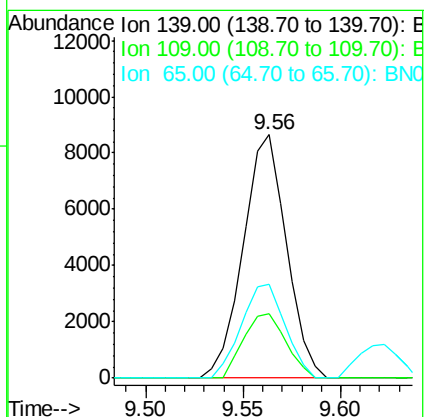
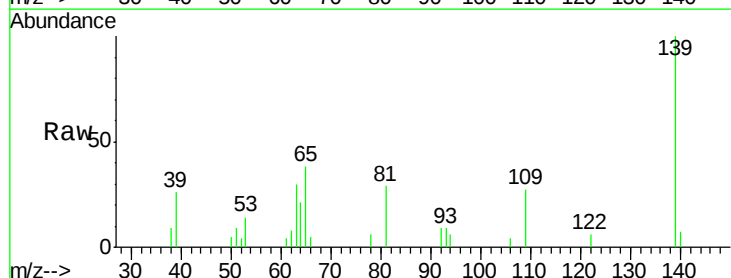
Tgt Ion: 139 Resp: 13246

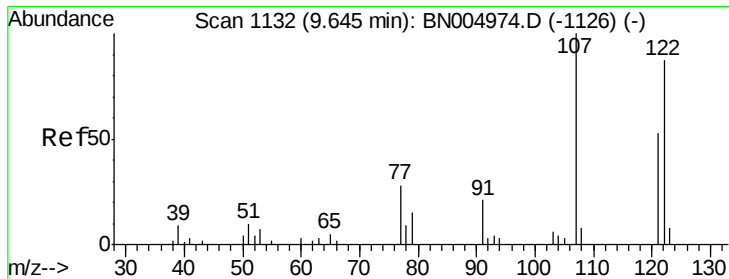
Ion Ratio Lower Upper

139 100

109 26.6 22.5 33.7

65 38.4 34.2 51.4

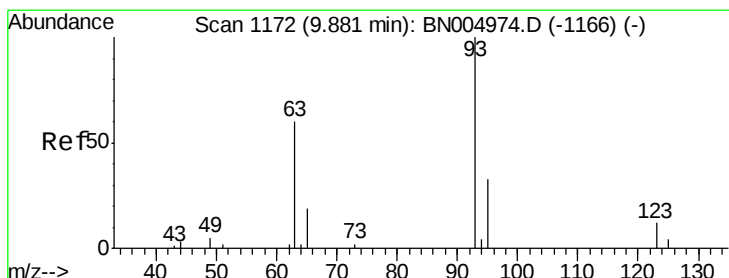
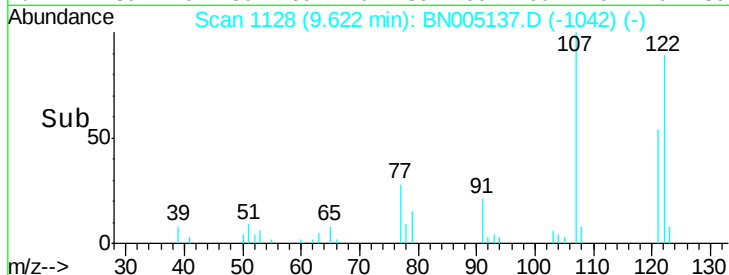
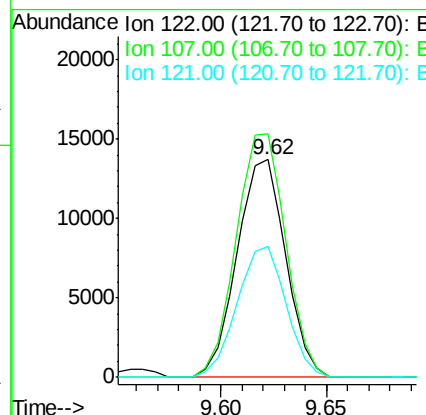
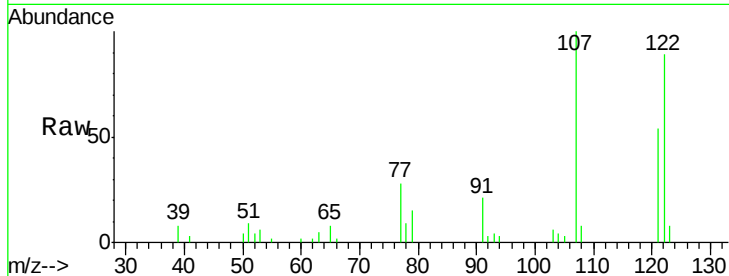




#27
 2,4-Dimethylphenol
 Concen: 48.599 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

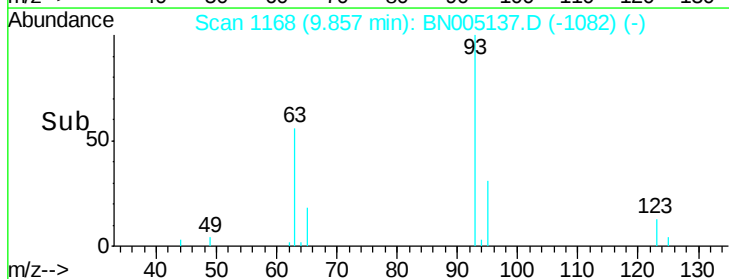
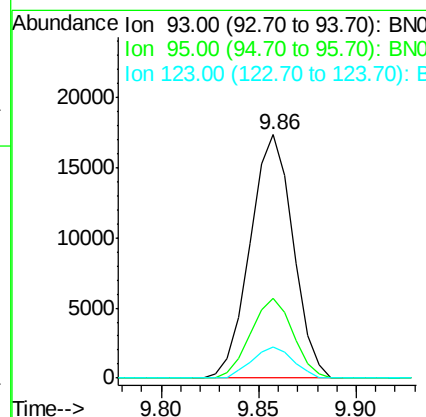
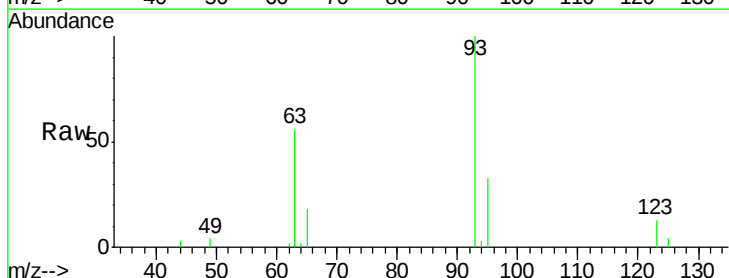
Instrument :
 BNA_N
 ClientSampleId :

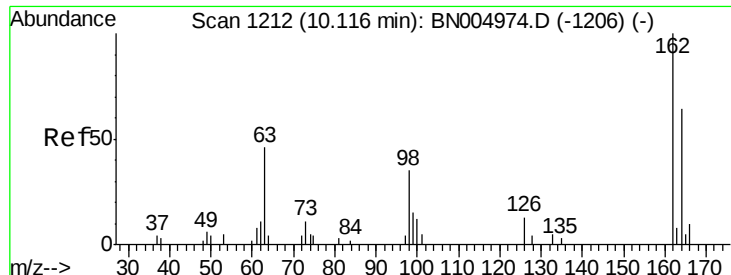
Tot Ion:122 Resp: 21895
 Ion Ratio Lower Upper
 122 100
 107 111.8 91.6 137.4
 121 60.1 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.839 ng
 RT: 9.86 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion: 93 Resp: 26480
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.4
 123 12.5 9.8 14.8

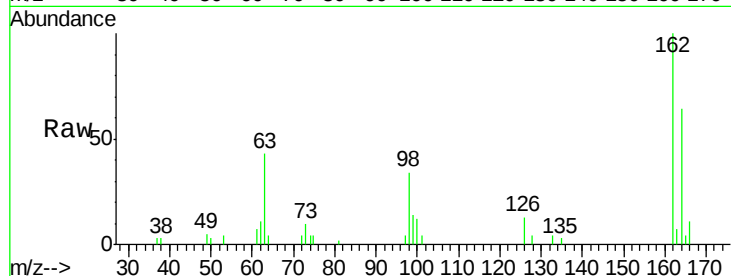




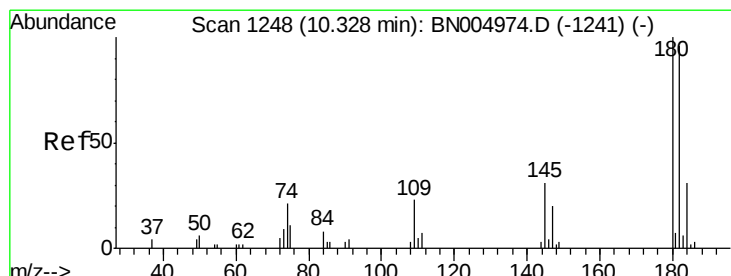
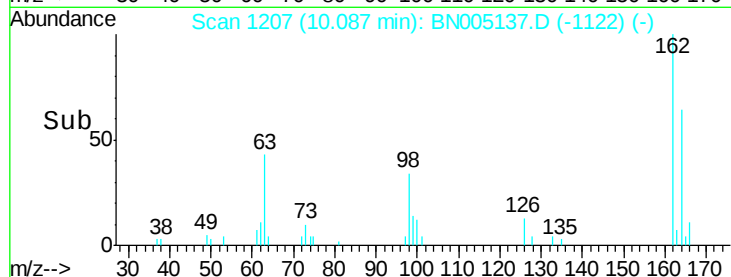
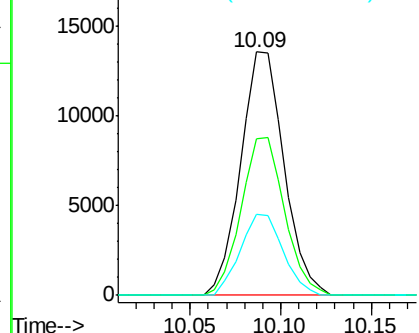
#29
 2,4-Dichlorophenol
 Concen: 43.607 ng
 RT: 10.09 min Scan# 1207
 Delta R.T. -0.03 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	33.5	15.3	55.3

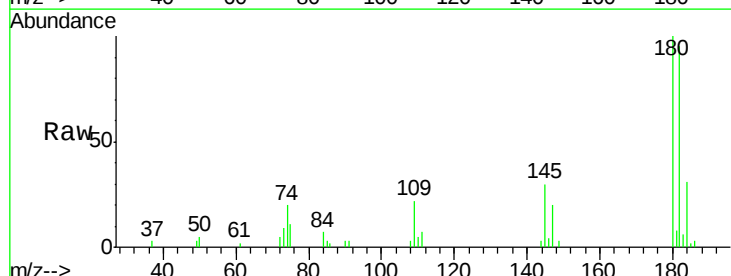


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

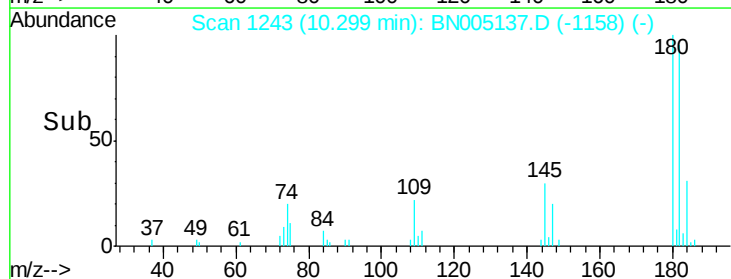
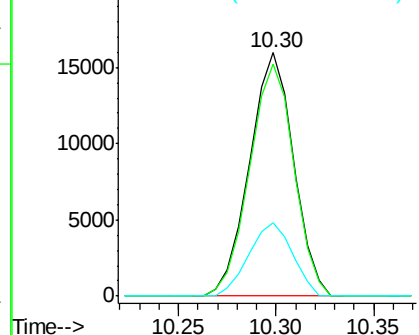


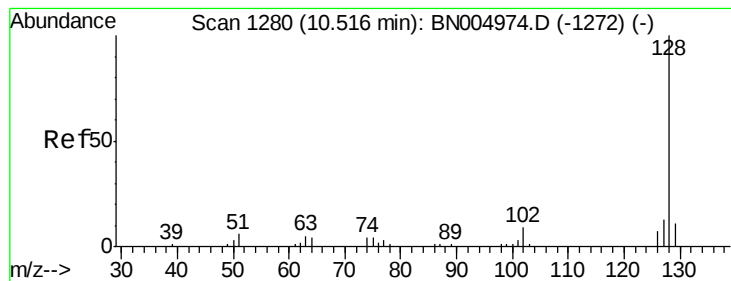
#30
 1,2,4-Trichlorobenzene
 Concen: 43.762 ng
 RT: 10.30 min Scan# 1243
 Delta R.T. -0.03 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	30.0	24.6	37.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.853 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

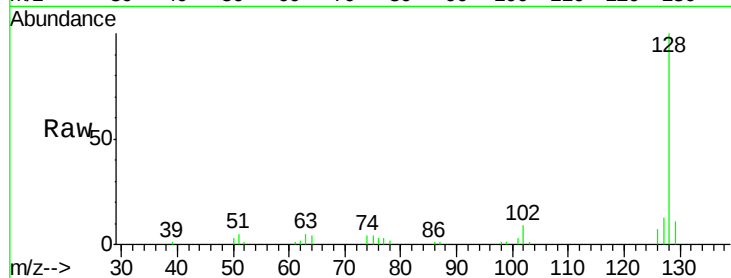
Tot Ion:128 Resp: 72738

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

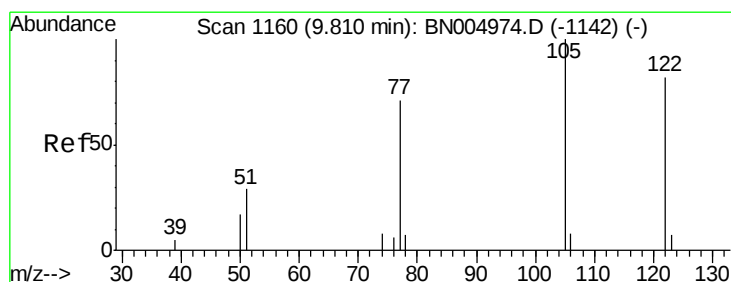
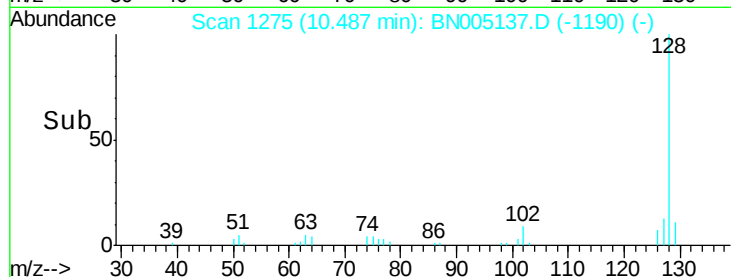
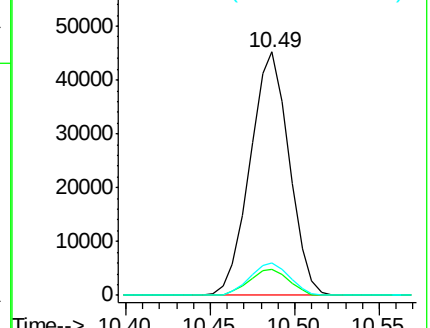
127 13.4 10.8 16.2



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



#32

Benzoic acid

Concen: 29.109 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

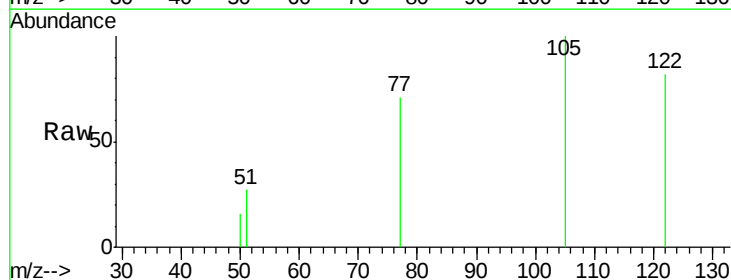
Tgt Ion:122 Resp: 9655

Ion Ratio Lower Upper

122 100

105 121.8 102.4 142.4

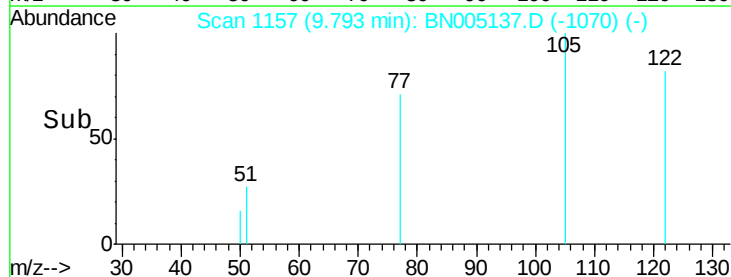
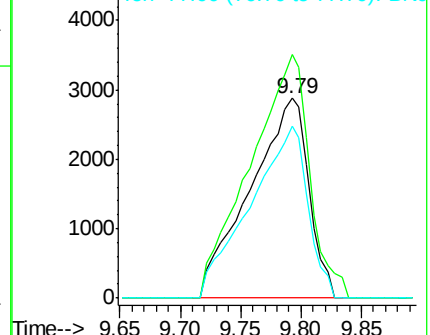
77 86.1 67.1 107.1

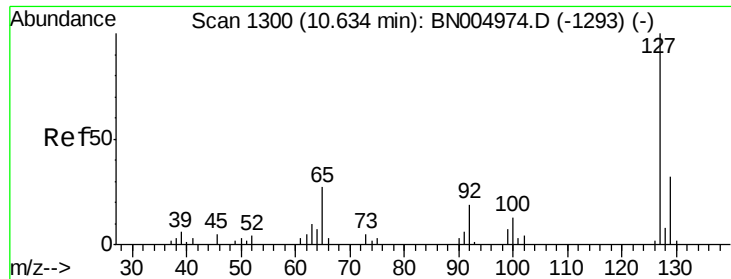


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

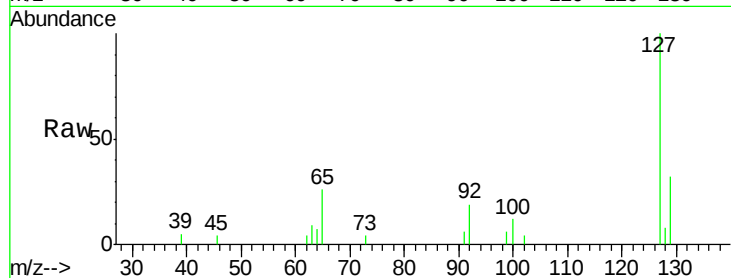




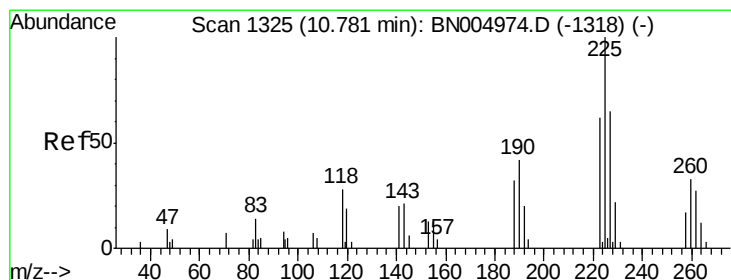
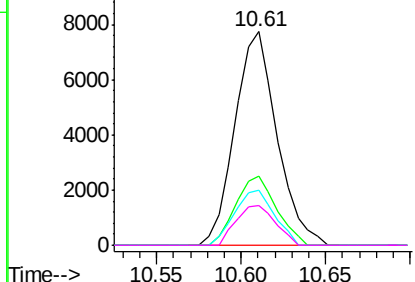
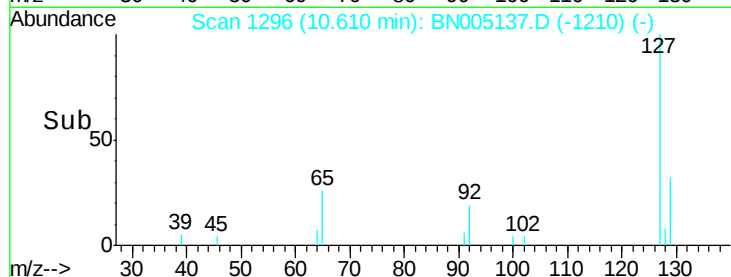
#33
4-Chloroaniline
Concen: 18.986 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	13425
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	25.9	21.4	32.0
92	18.6	15.3	22.9

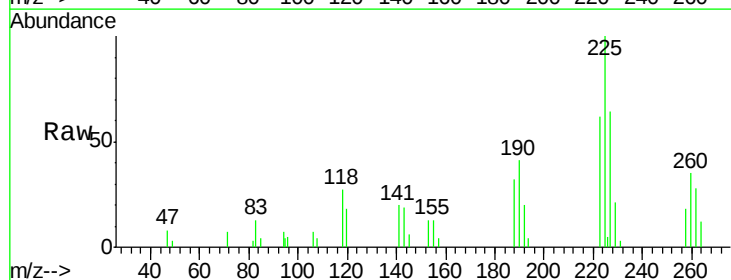


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

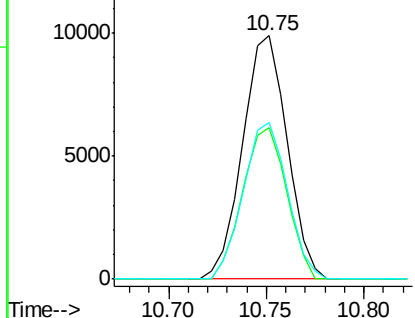
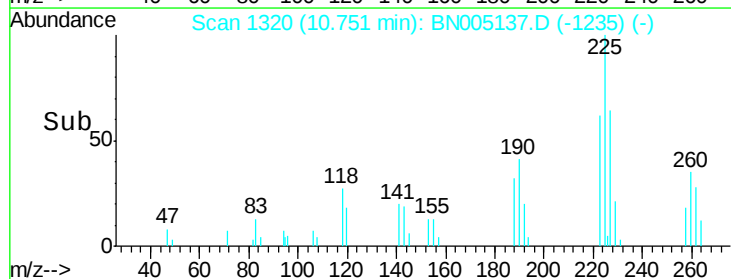


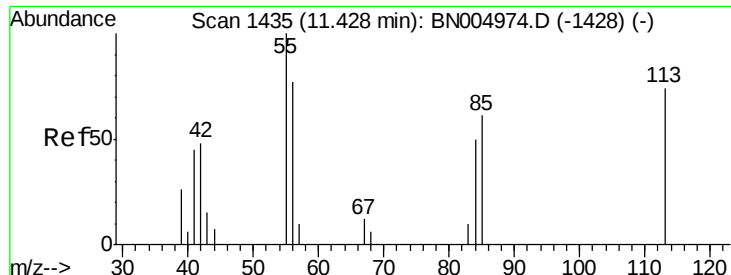
#34
Hexachlorobutadiene
Concen: 42.508 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion:	225	Resp:	15688
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	64.3	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

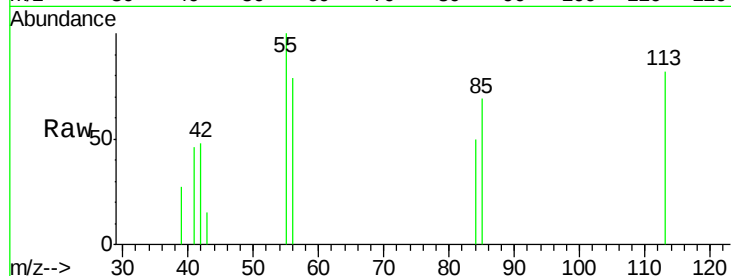




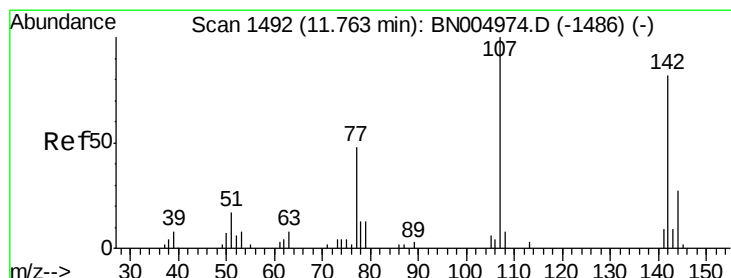
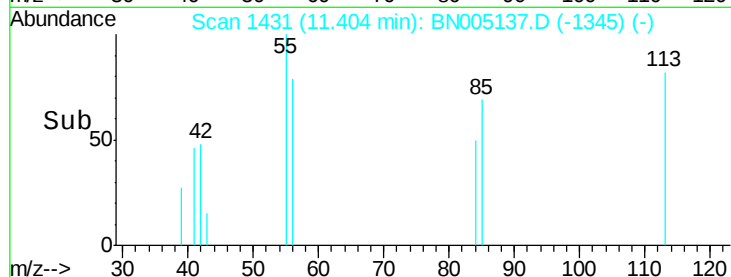
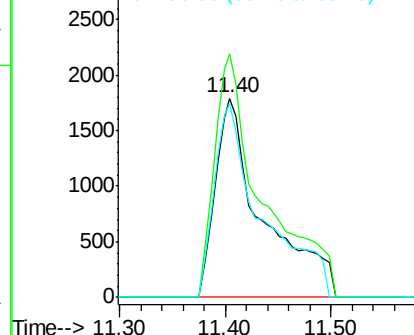
#35
 Caprolactam
 Concen: 33.071 ng
 RT: 11.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:113 Resp: 5607
 Ion Ratio Lower Upper
 113 100
 55 122.3 115.8 155.8
 56 97.2 85.1 125.1

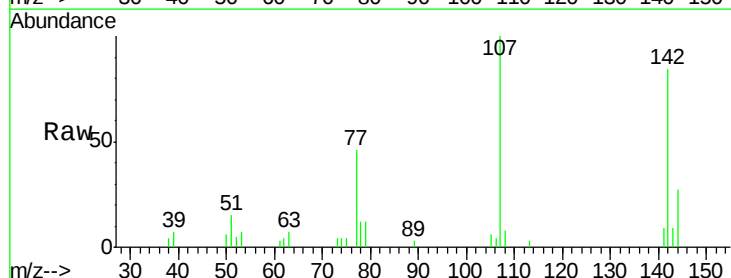


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNC
 Ion 56.00 (55.70 to 56.70): BNC

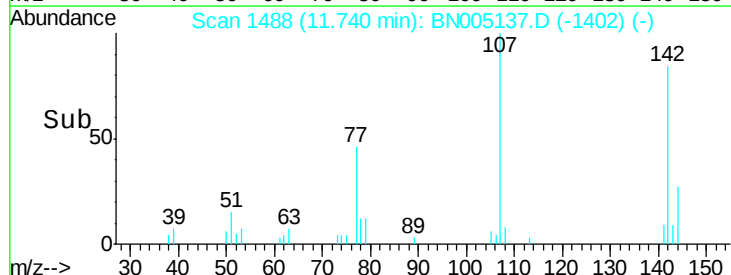
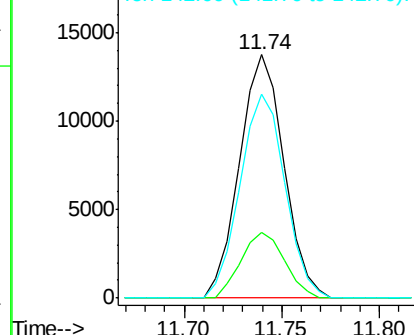


#36
 4-Chloro-3-methylphenol
 Concen: 38.712 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:107 Resp: 21654
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.3 31.9
 142 83.9 65.8 98.8



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

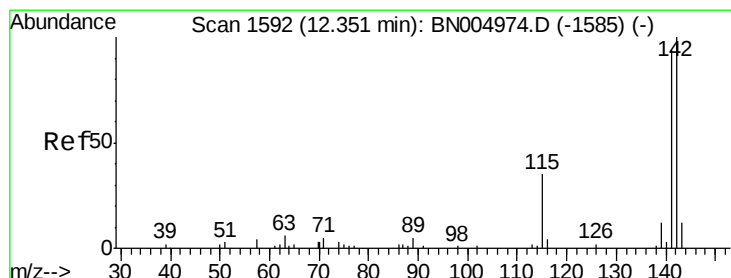
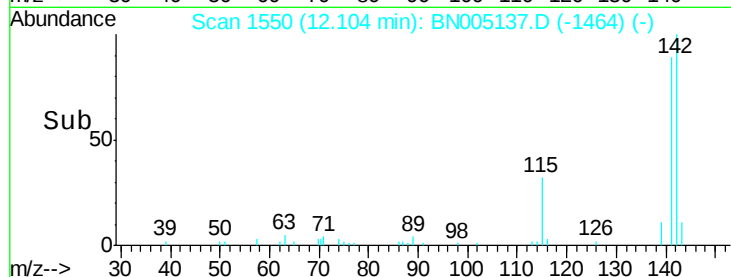
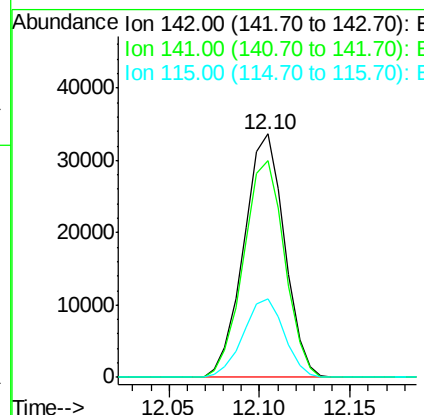
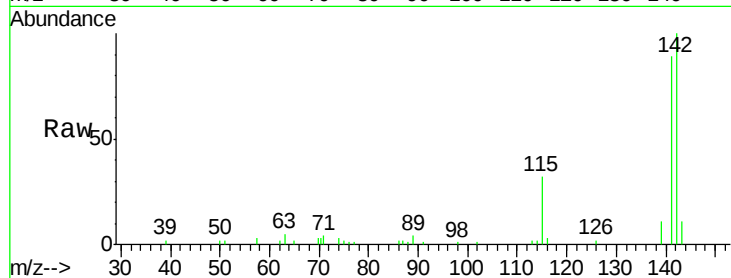




#37
 2-Methylnaphthalene
 Concen: 42.769 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

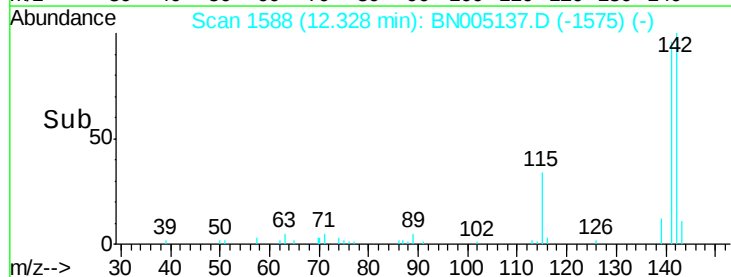
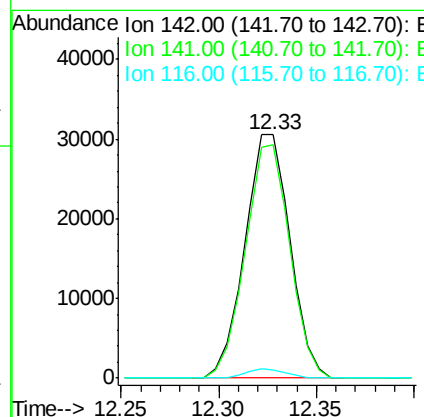
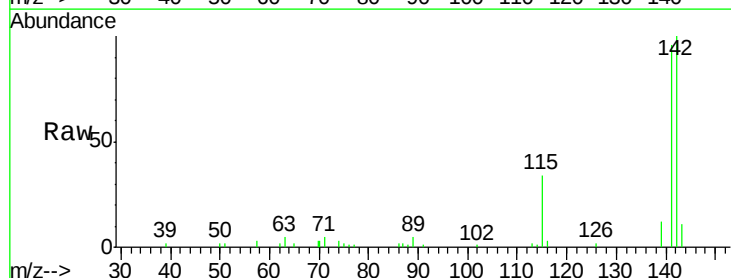
Instrument :
 BNA_N
 ClientSampleId :

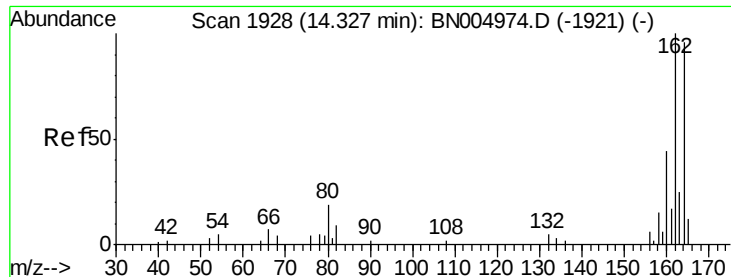
Tot Ion:142 Resp: 52488
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.8 107.8
 115 32.3 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 40.860 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:142 Resp: 49069
 Ion Ratio Lower Upper
 142 100
 141 95.7 74.9 112.3
 116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

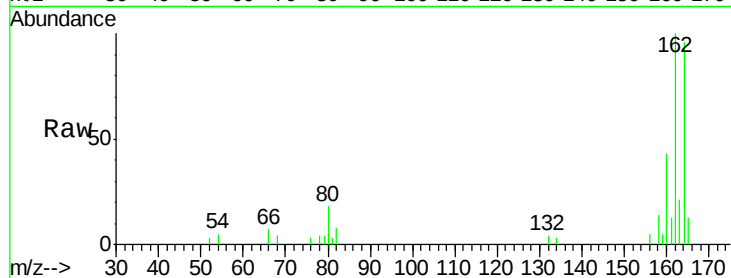
Tot Ion:164 Resp: 17735

Ion Ratio Lower Upper

164 100

162 103.8 83.4 125.0

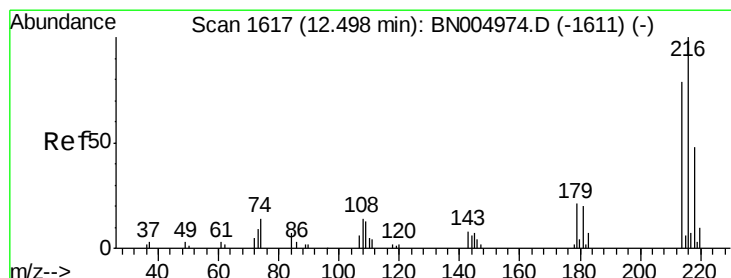
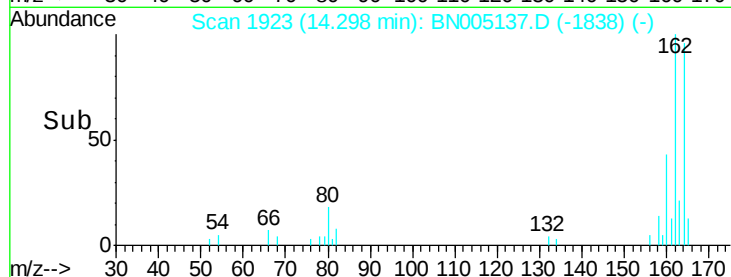
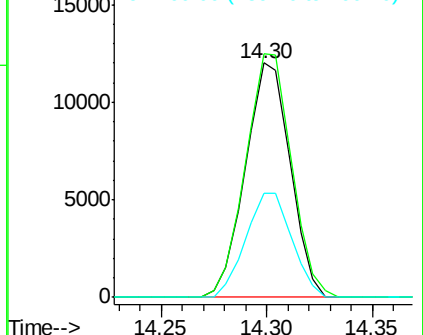
160 44.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.021 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Tgt Ion:216 Resp: 28320

Ion Ratio Lower Upper

216 100

214 77.8 62.6 94.0

179 20.3 16.4 24.6

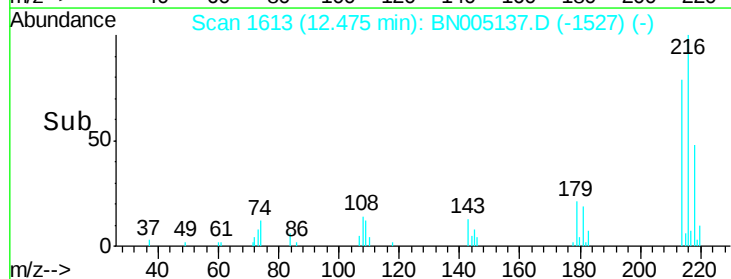
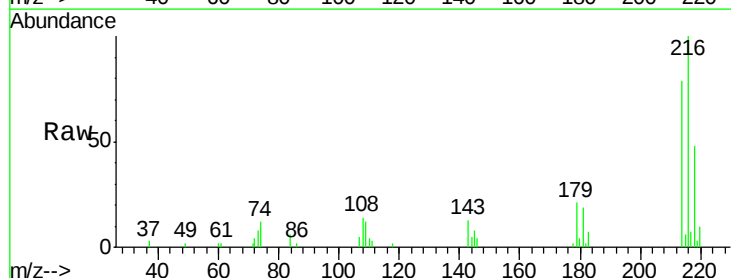
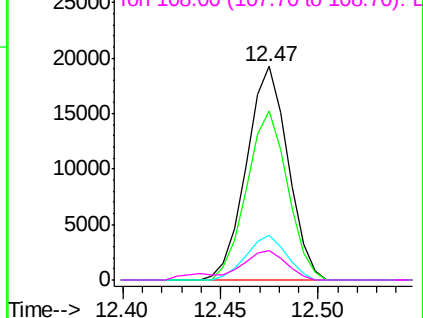
108 16.7 12.7 19.1

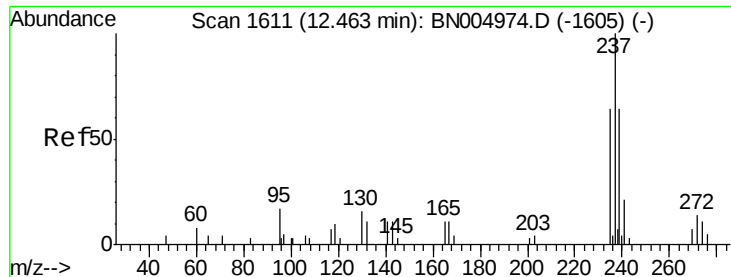
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.863 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

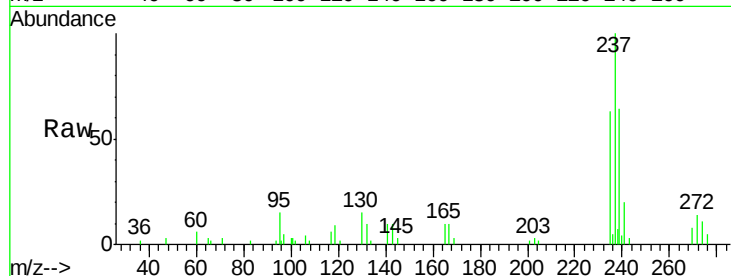
Tot Ion:237 Resp: 33705

Ion Ratio Lower Upper

237 100

235 63.2 43.6 83.6

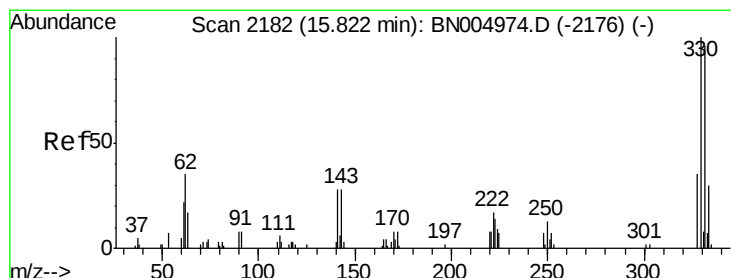
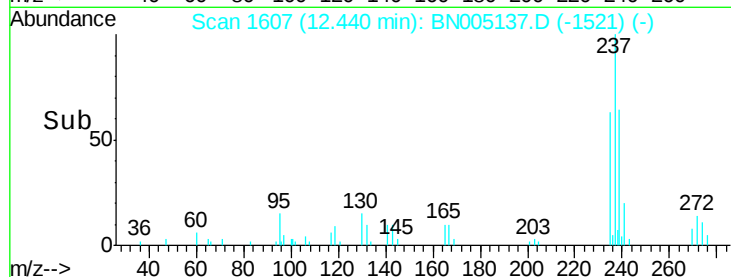
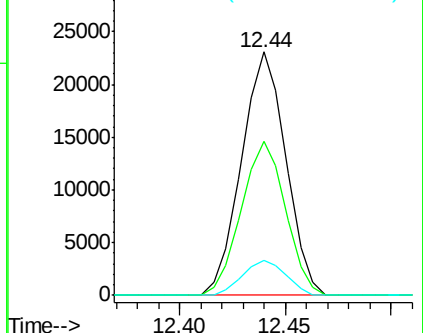
272 14.3 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.761 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

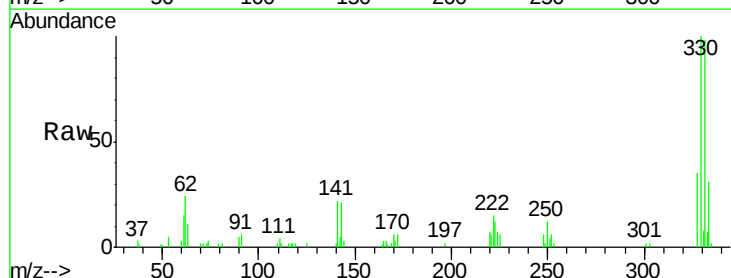
Tgt Ion:330 Resp: 37402

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

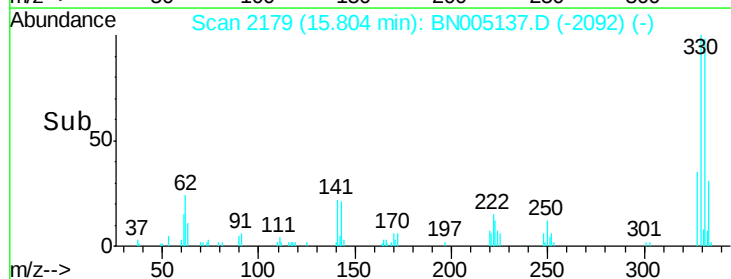
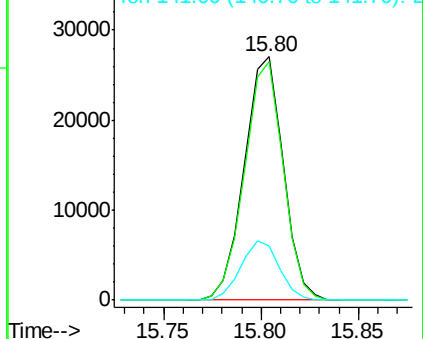
141 24.0 22.1 33.1

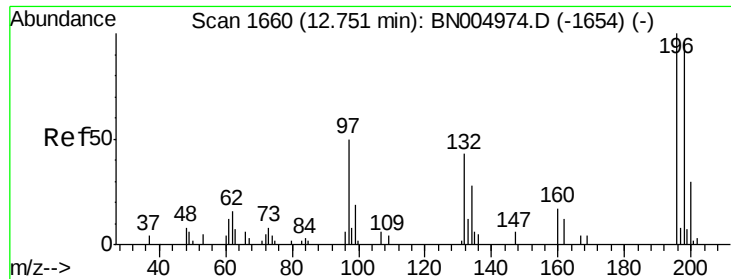


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

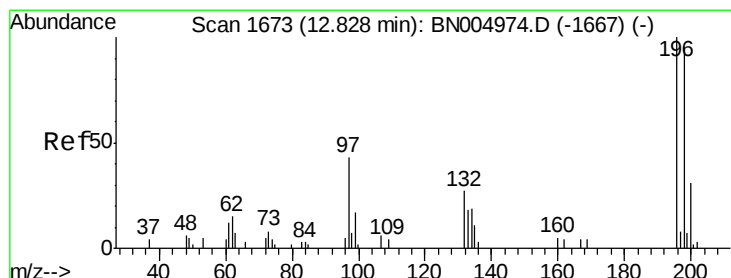
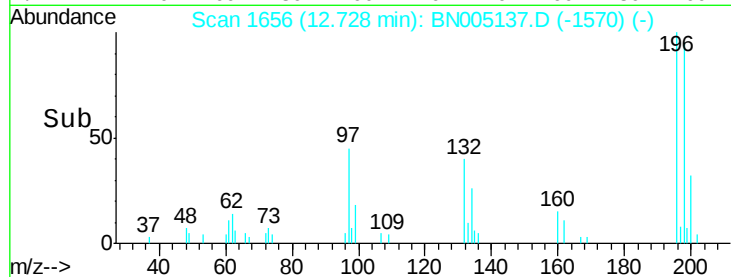
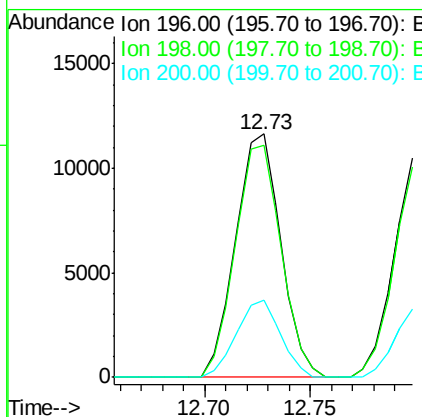
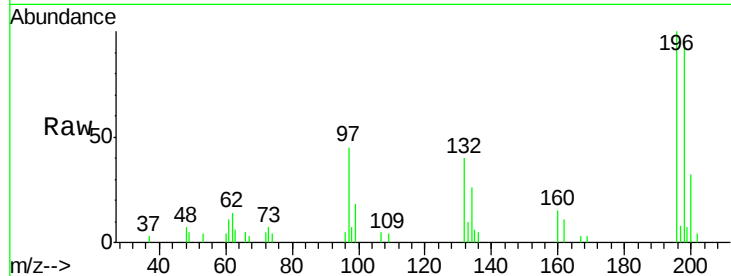




#43
 2,4,6-Trichlorophenol
 Concen: 44.310 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

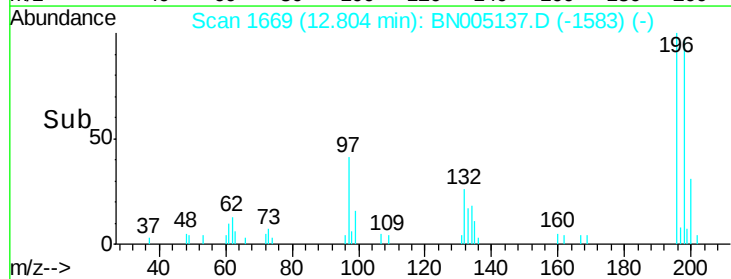
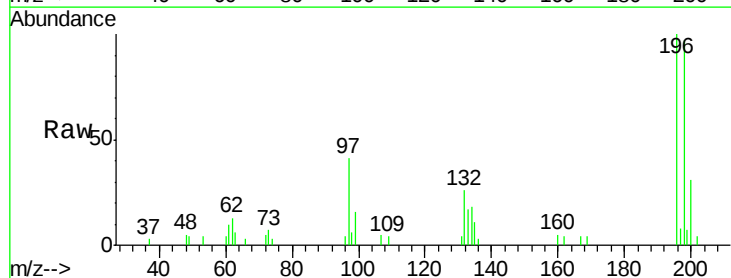
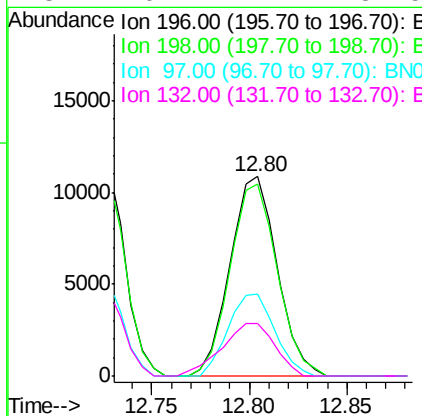
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 17295
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.5 114.7
 200 31.6 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.768 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:196 Resp: 18186
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.1 114.1
 97 40.9 34.8 52.2
 132 26.4 21.7 32.5

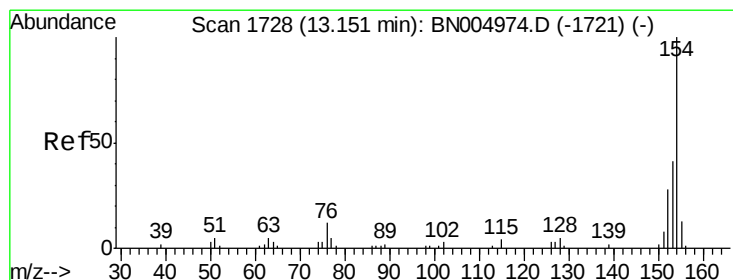
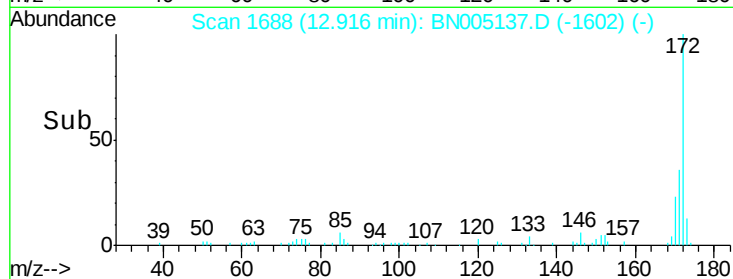
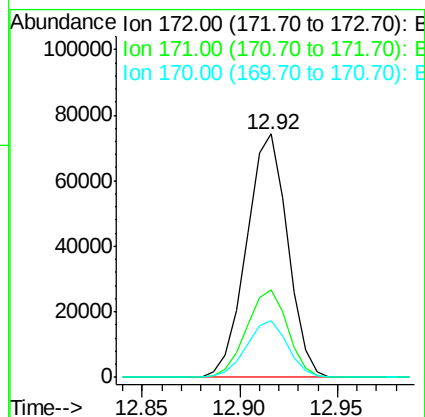
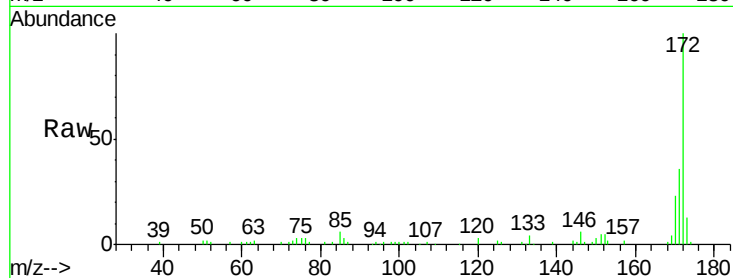




#45
 2-Fluorobiphenyl
 Concen: 80.920 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

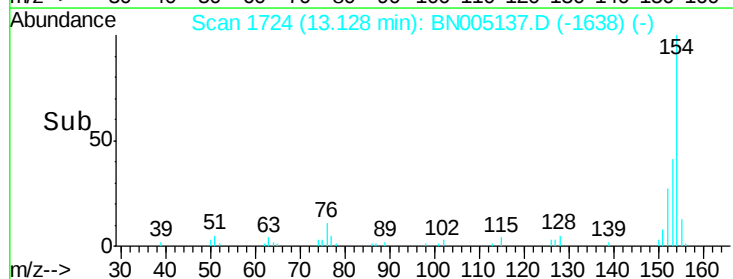
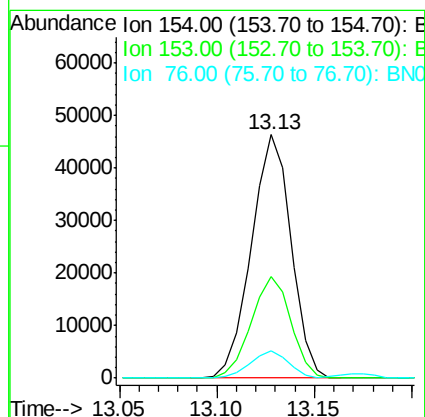
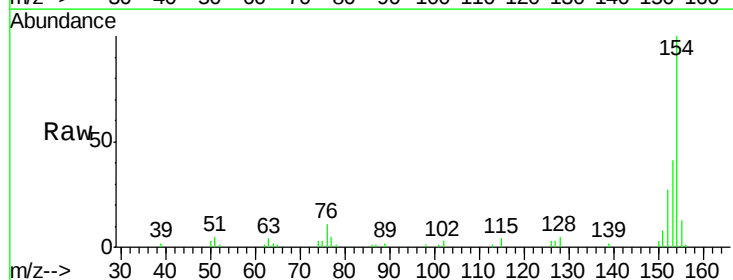
Instrument :
 BNA_N
 ClientSampleId :

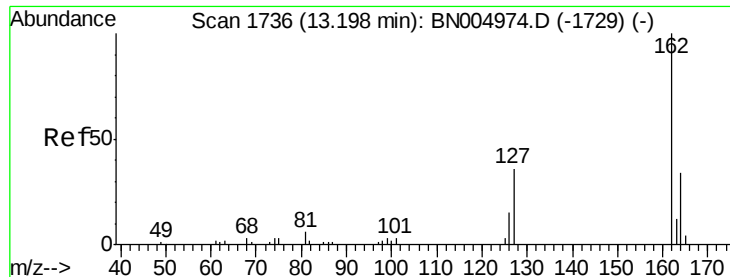
Tot Ion:172 Resp: 108300
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.4 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 43.547 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:154 Resp: 65365
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.2 61.2
 76 11.0 0.0 32.2

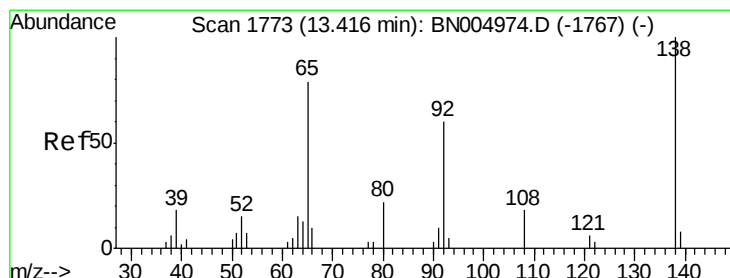
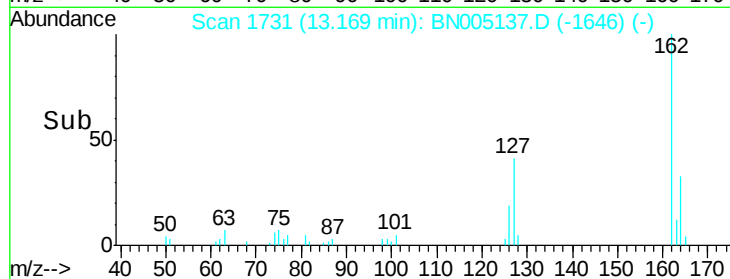
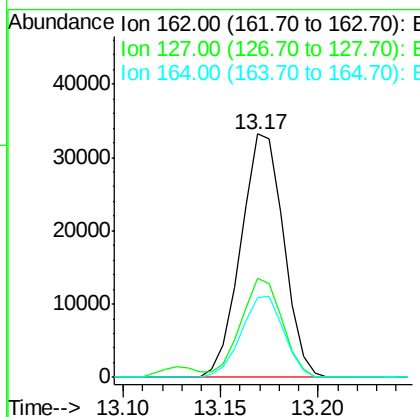
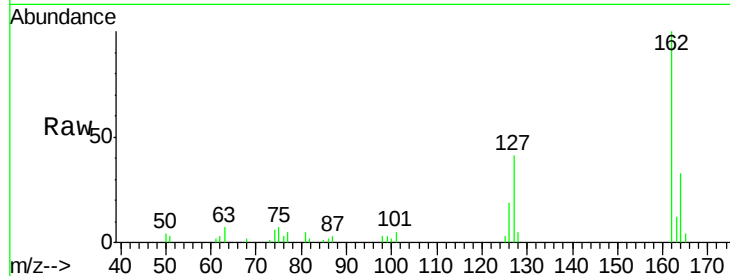




#47
 2-Chloronaphthalene
 Concen: 43.746 ng
 RT: 13.17 min Scan# 1731
 Delta R.T. -0.03 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

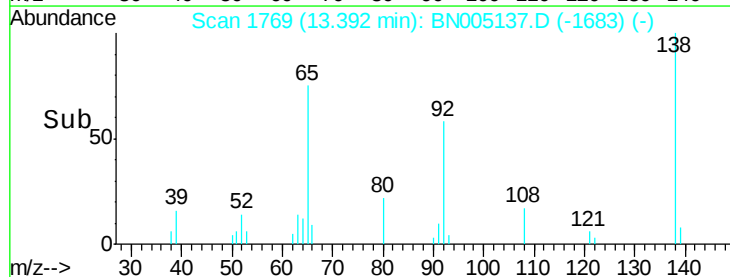
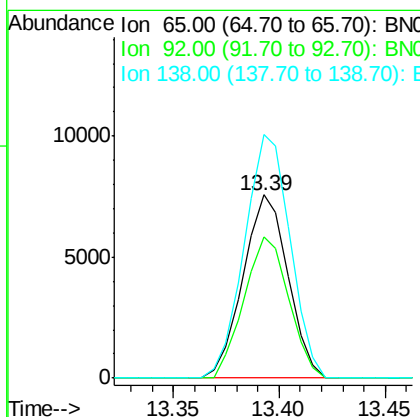
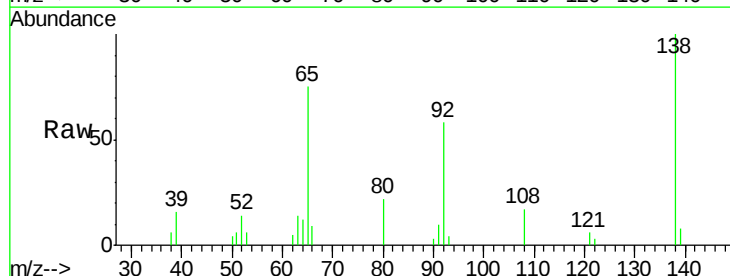
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.4	48.6
164	33.0	26.8	40.2



#48
 2-Nitroaniline
 Concen: 36.387 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.4	60.2	90.4
138	132.9	101.1	151.7





#49

Acenaphthylene

Concen: 40.572 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

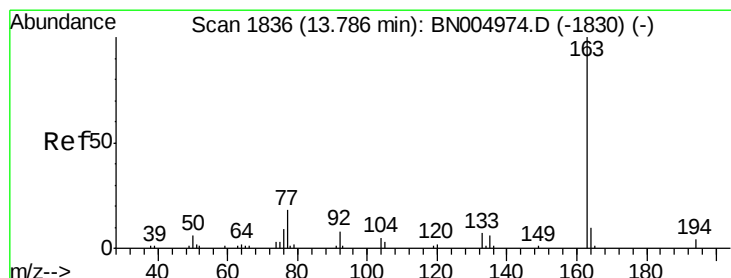
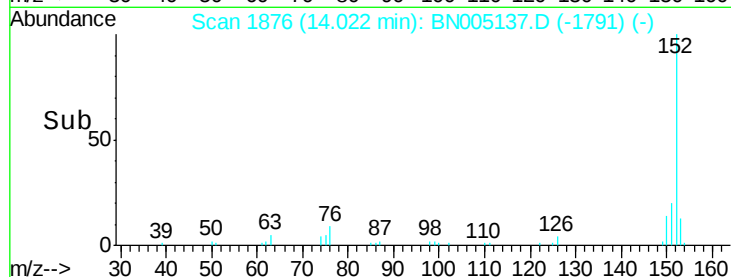
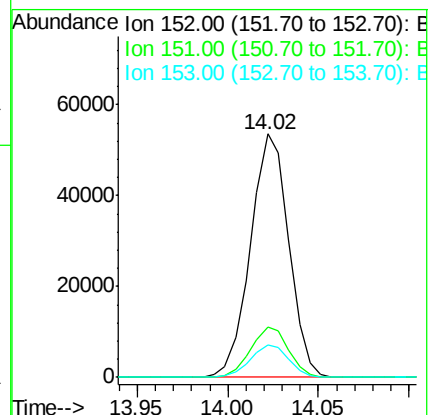
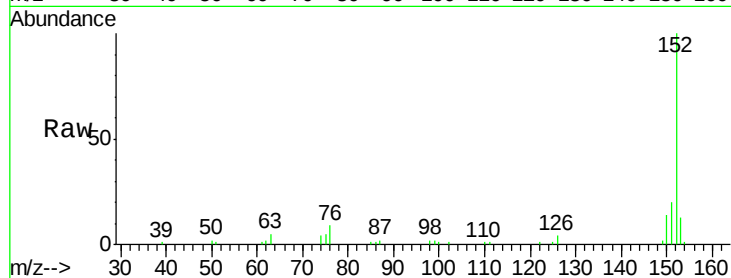
Tot Ion:152 Resp: 78603

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 41.534 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

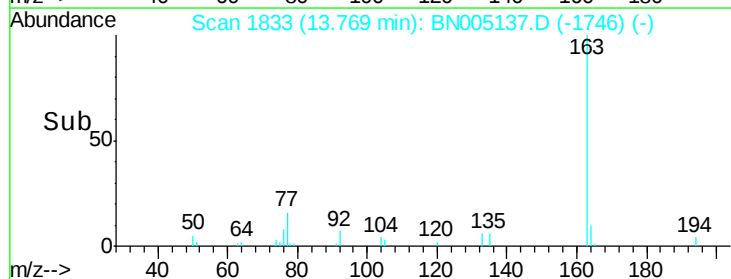
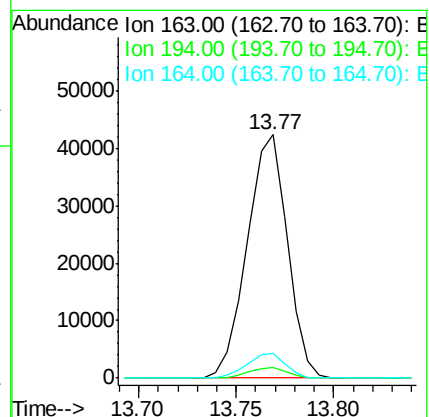
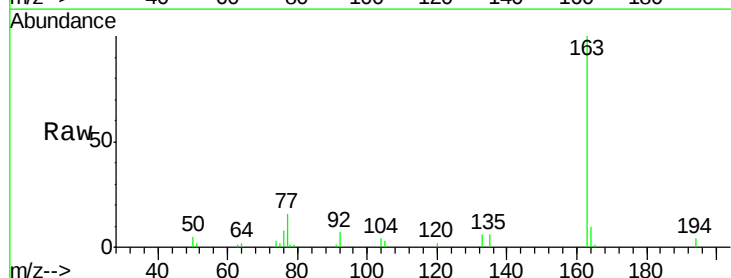
Tgt Ion:163 Resp: 60517

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.2 8.3 12.5

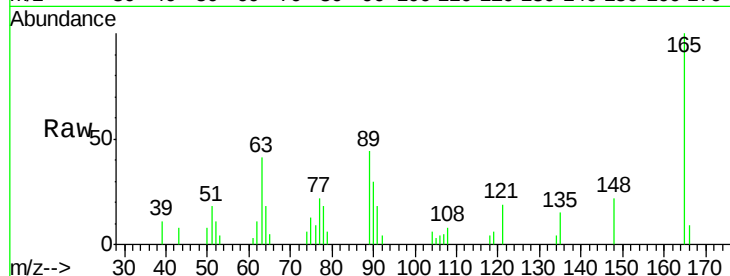




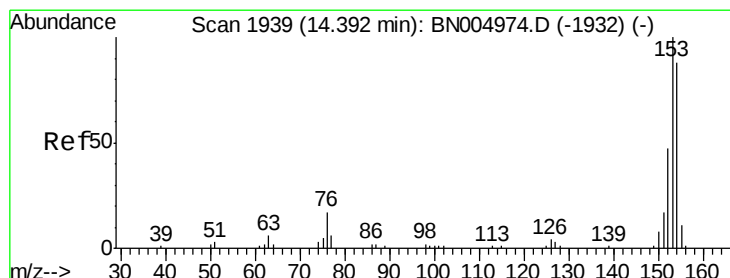
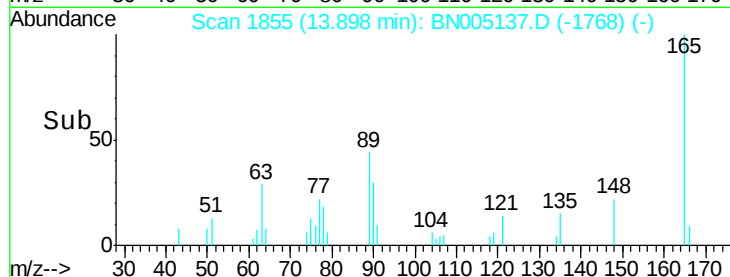
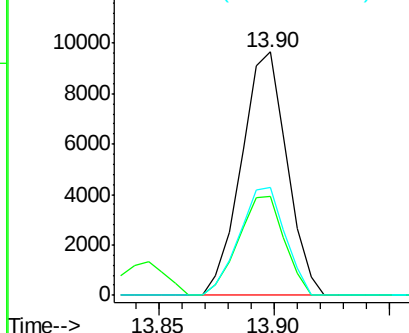
#51
 2,6-Dinitrotoluene
 Concen: 40.006 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 13264
 Ion Ratio Lower Upper
 165 100
 63 40.7 37.3 55.9
 89 44.2 39.2 58.8

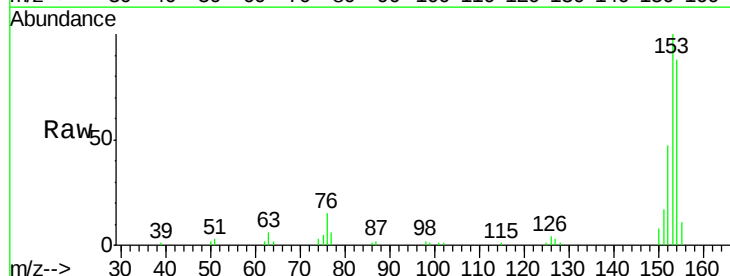


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

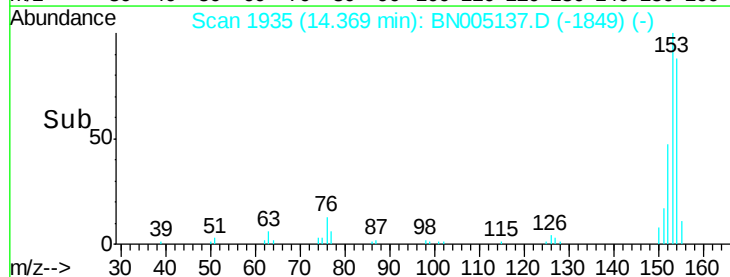
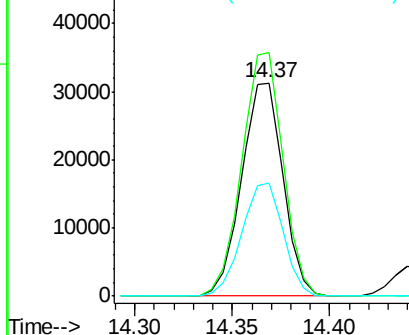


#52
 Acenaphthene
 Concen: 42.019 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:154 Resp: 45794
 Ion Ratio Lower Upper
 154 100
 153 114.3 91.0 136.4
 152 53.2 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

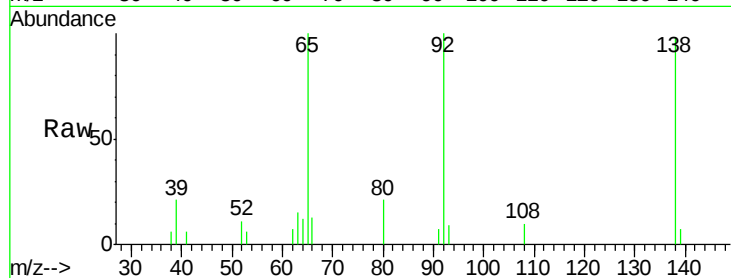




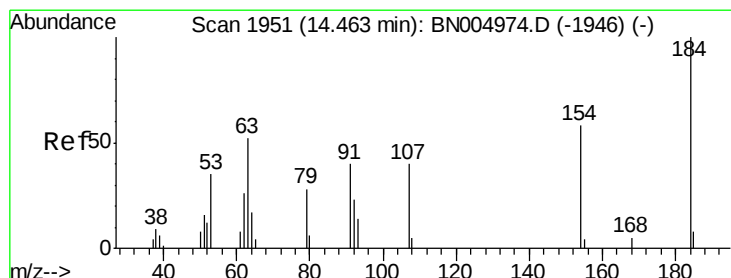
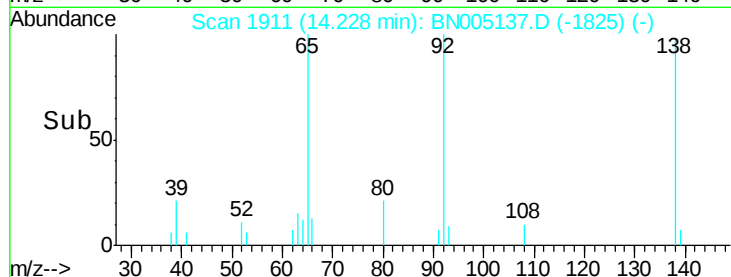
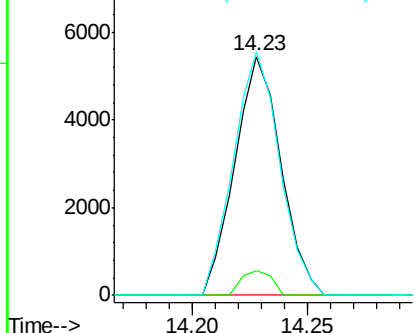
#53
3-Nitroaniline
Concen: 22.374 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:138 Resp: 7582
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 101.9 86.9 130.3

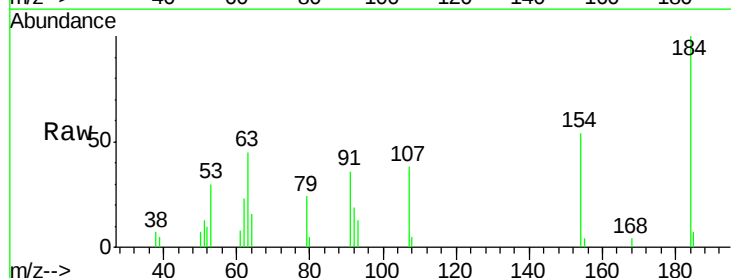


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC

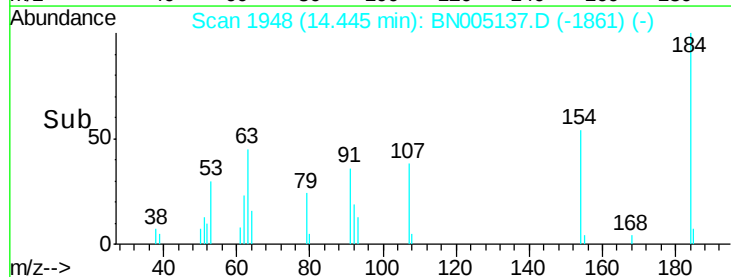
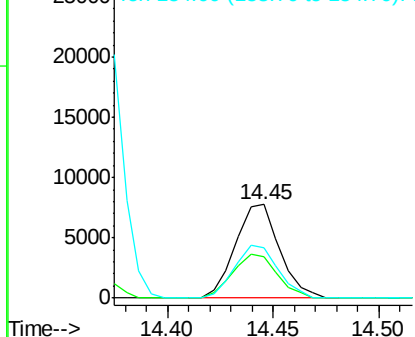


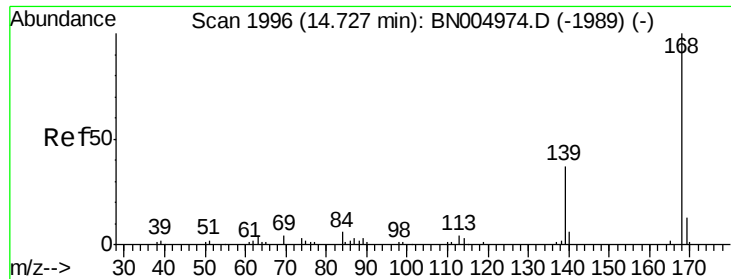
#54
2,4-Dinitrophenol
Concen: 59.157 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion:184 Resp: 11290
Ion Ratio Lower Upper
184 100
63 44.9 41.6 62.4
154 54.3 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.552 ng

RT: 14.70 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

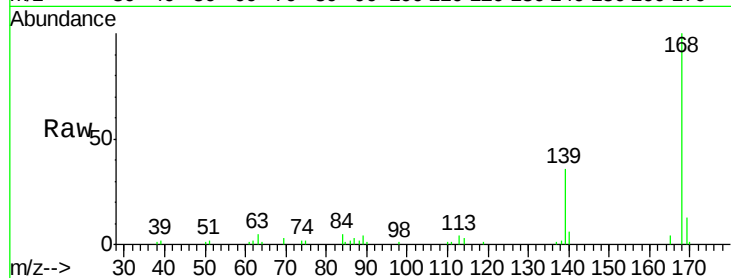
Tot Ion:168 Resp: 72059

Ion Ratio Lower Upper

168 100

139 36.4 29.9 44.9

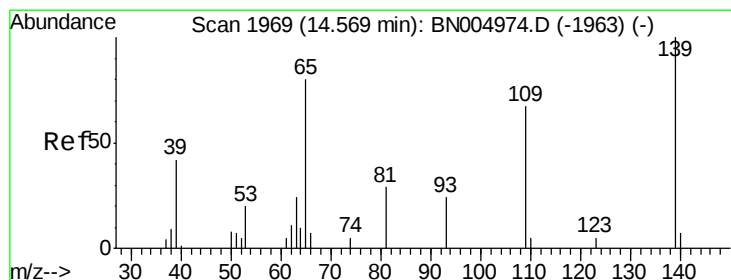
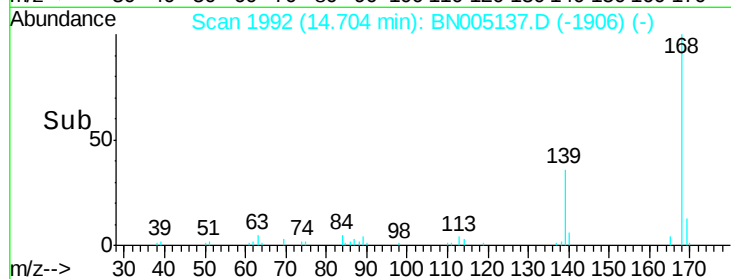
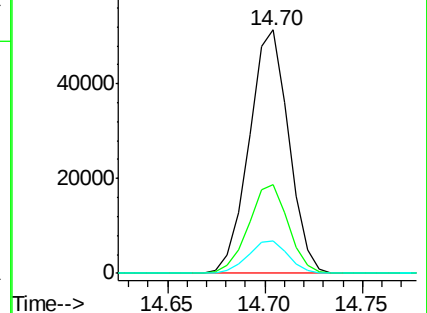
169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 63.940 ng

RT: 14.55 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

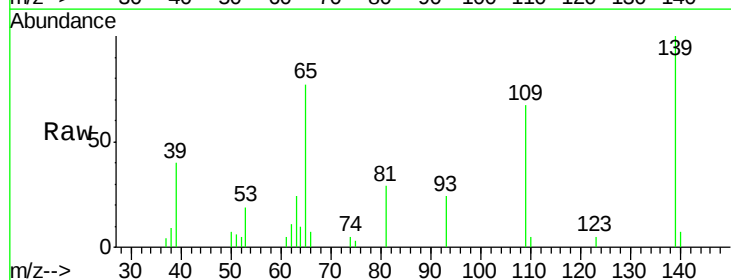
Tgt Ion:139 Resp: 17069

Ion Ratio Lower Upper

139 100

109 66.6 46.5 86.5

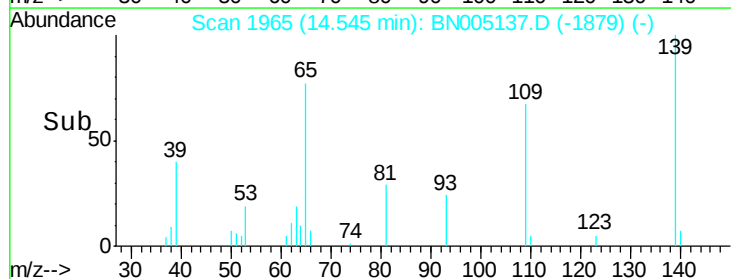
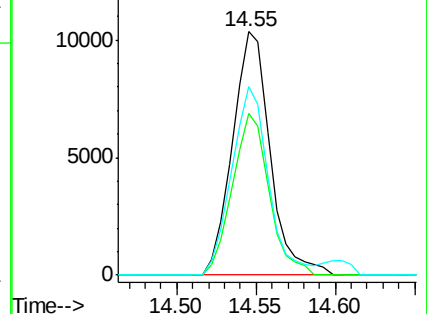
65 77.5 59.5 99.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

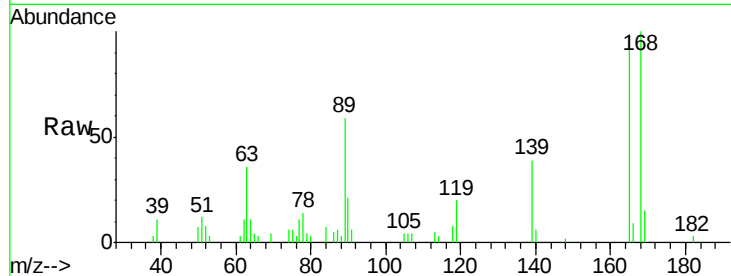




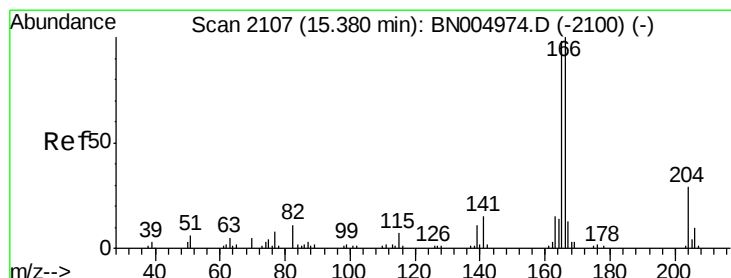
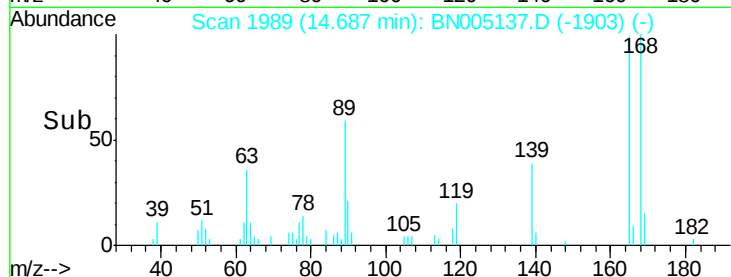
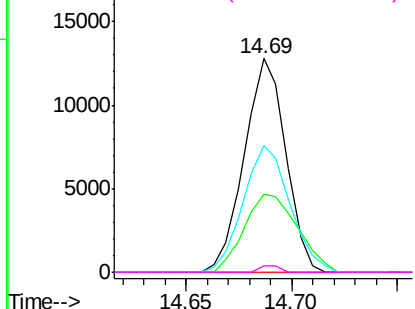
#57
 2,4-Dinitrotoluene
 Concen: 38.768 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 17468
 Ion Ratio Lower Upper
 165 100
 63 36.7 30.4 45.6
 89 59.1 50.7 76.1
 182 3.0 2.5 3.7

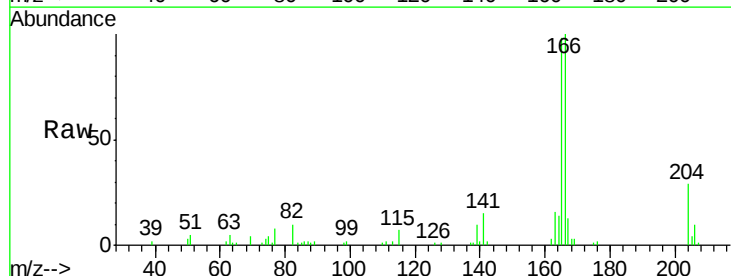


Abundance Ion 165.00 (164.70 to 165.70): E
 20000
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC
 Ion 182.00 (181.70 to 182.70): E

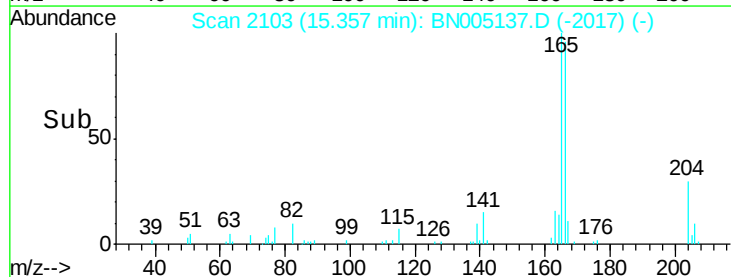
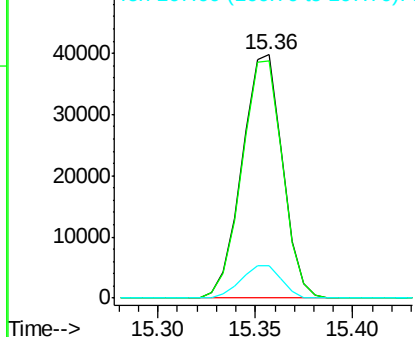


#58
 Fluorene
 Concen: 40.628 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:166 Resp: 56915
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.3 117.5
 167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
 50000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

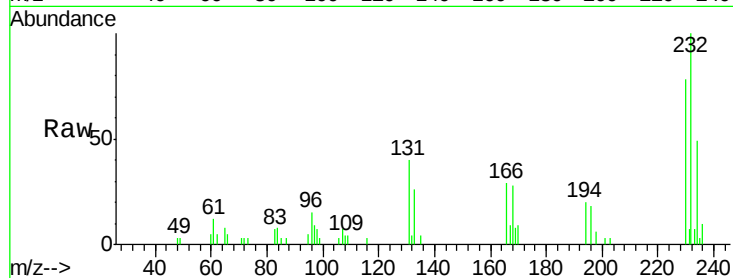




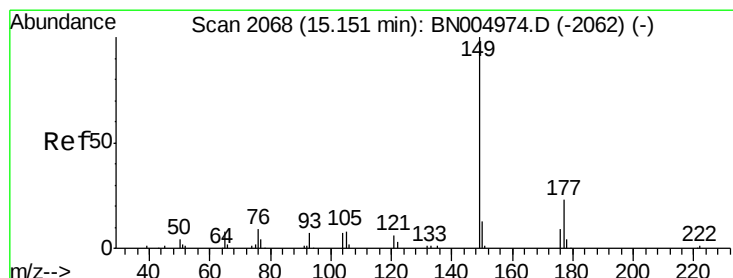
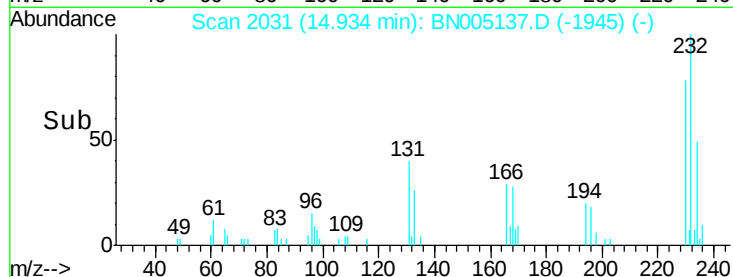
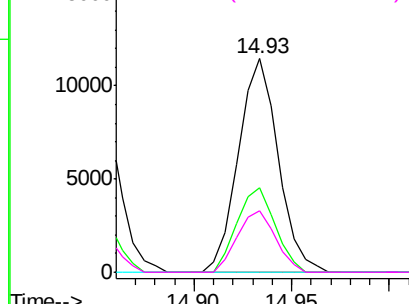
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.186 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:232	Resp:	16238
Ion Ratio	Lower	Upper
232	100	
131	37.8	32.4 48.6
130	0.0	0.9 1.3#
166	27.6	22.6 34.0

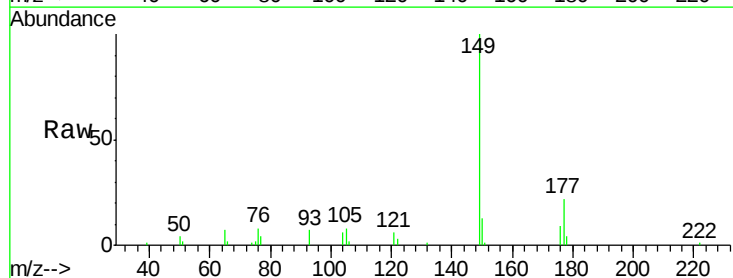


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

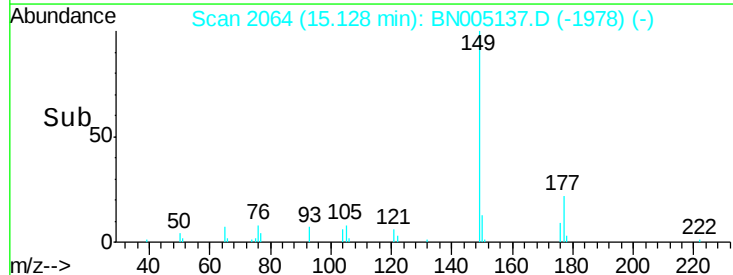
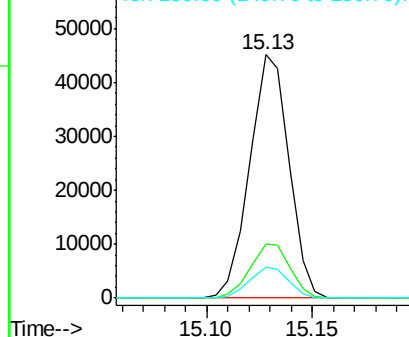


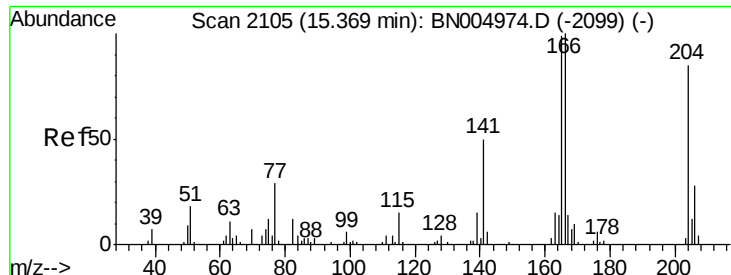
#60
 Diethylphthalate
 Concen: 40.226 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:149	Resp:	58487
Ion Ratio	Lower	Upper
149	100	
177	22.5	18.1 27.1
150	12.5	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

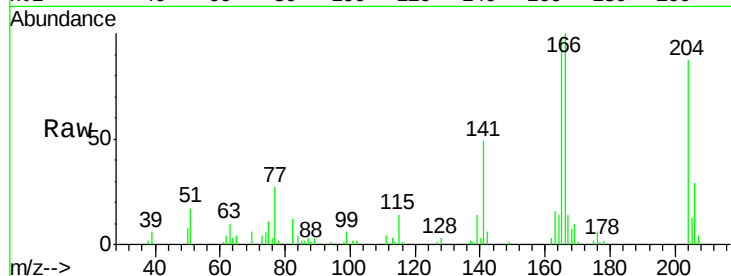




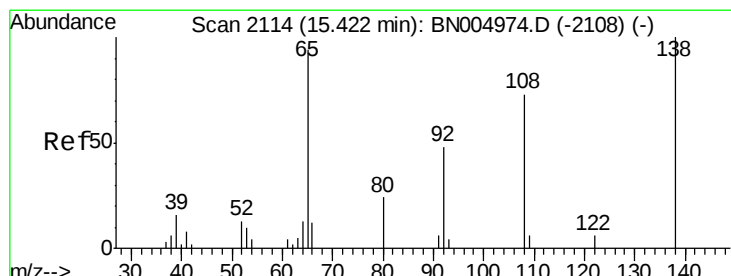
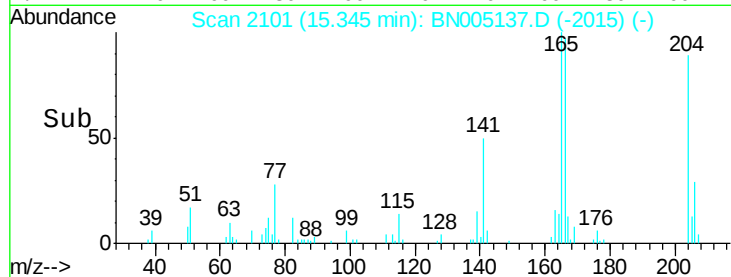
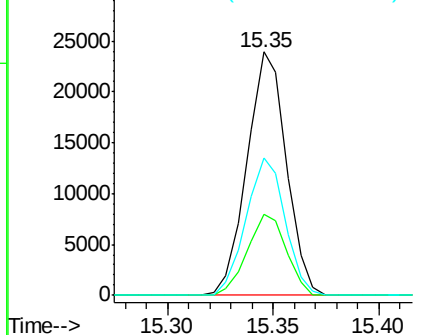
#61
 4-Chlorophenyl-phenylether
 Concen: 42.750 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:204 Resp: 30895
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.5 39.7
 141 56.5 47.2 70.8

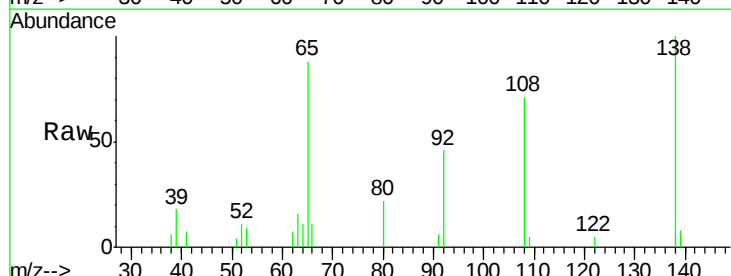


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

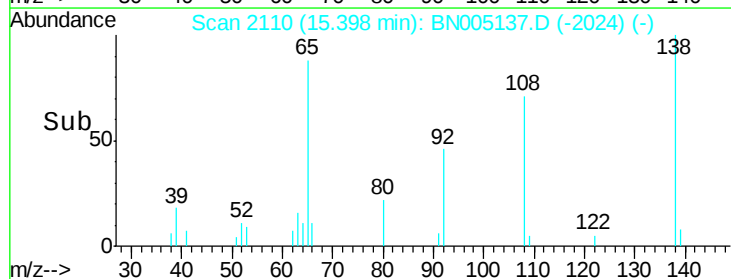
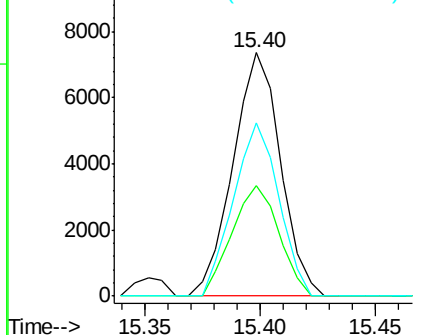


#62
 4-Nitroaniline
 Concen: 31.001 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:138 Resp: 10555
 Ion Ratio Lower Upper
 138 100
 92 45.6 26.4 66.4
 108 70.9 50.8 90.8



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

Azobenzene

Concen: 36.976 ng

RT: 15.64 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampled :

Tot Ion: 77 Resp: 44753

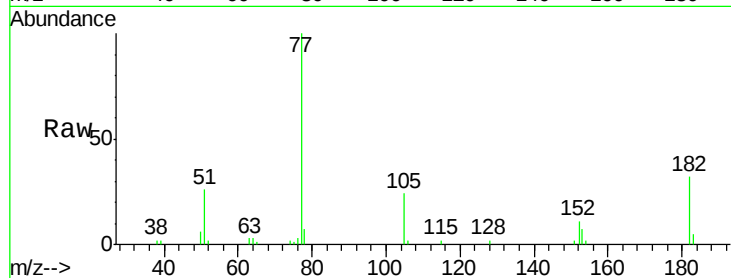
Ion Ratio Lower Upper

77 100

182 31.8 10.0 50.0

105 24.2 2.9 42.9

51 25.7 6.0 46.0

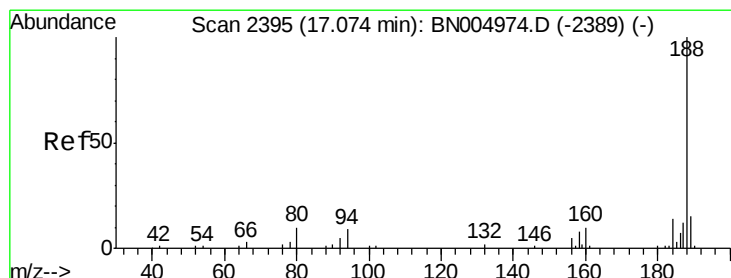
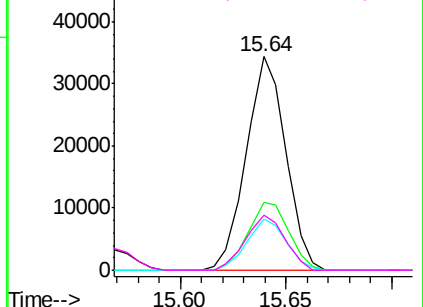
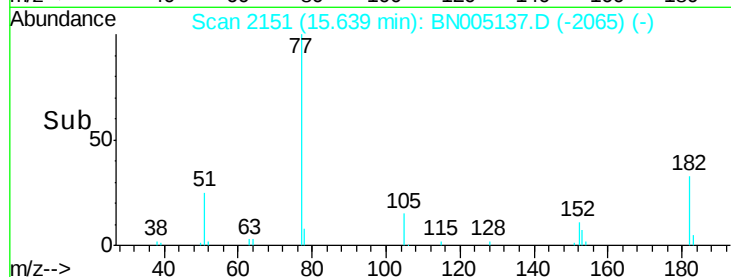


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

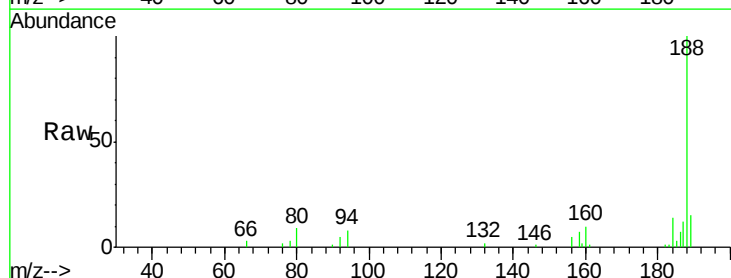
Tgt Ion: 188 Resp: 34619

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

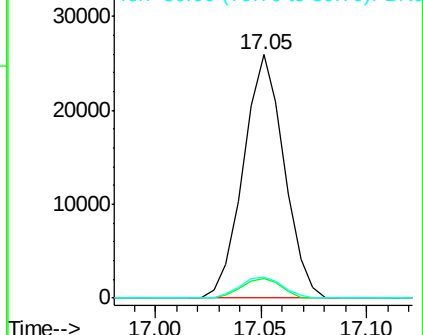
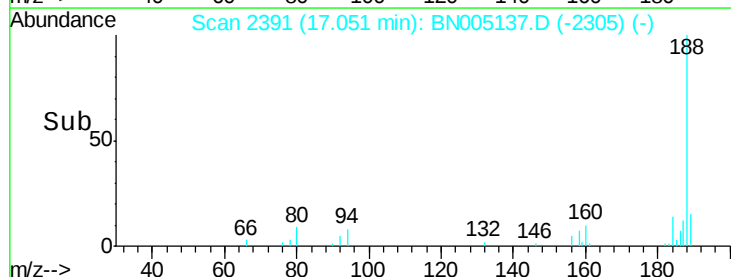
80 8.8 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

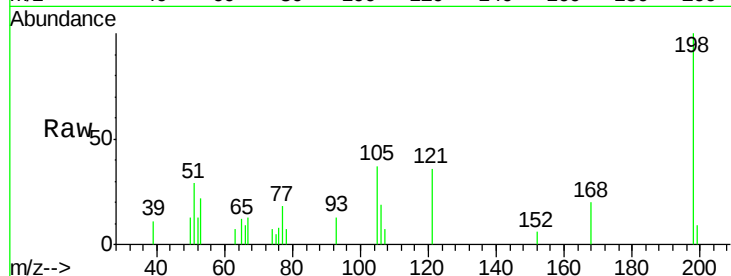




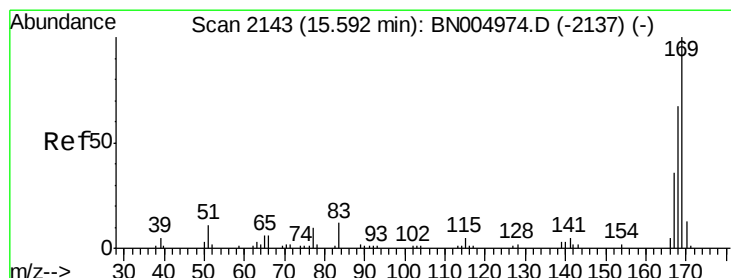
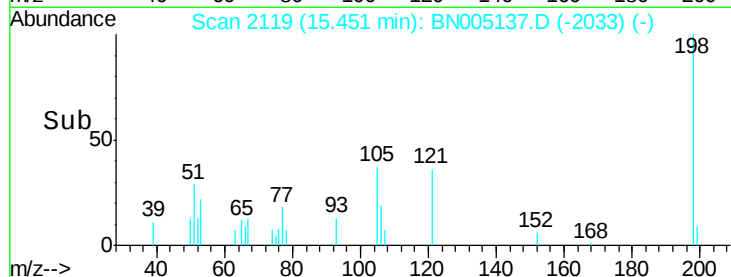
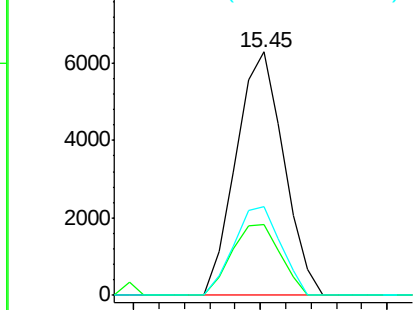
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.263 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 8247
 Ion Ratio Lower Upper
 198 100
 51 29.1 12.0 52.0
 105 36.6 17.6 57.6

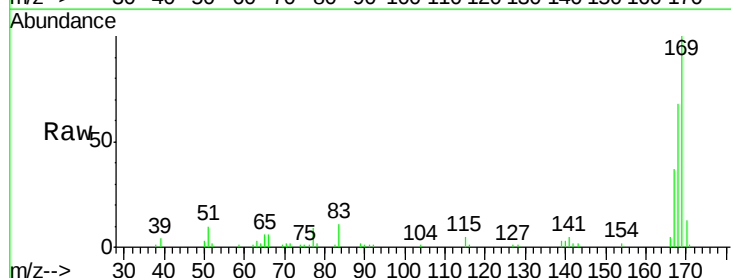


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

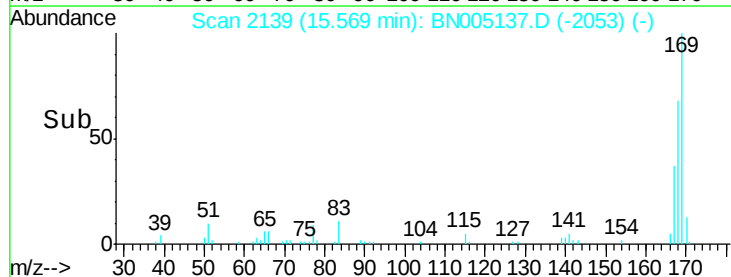
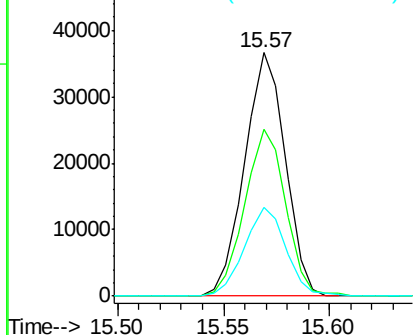


#66
 n-Nitrosodiphenylamine
 Concen: 44.942 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:169 Resp: 49008
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.4 80.2
 167 36.6 28.9 43.3



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

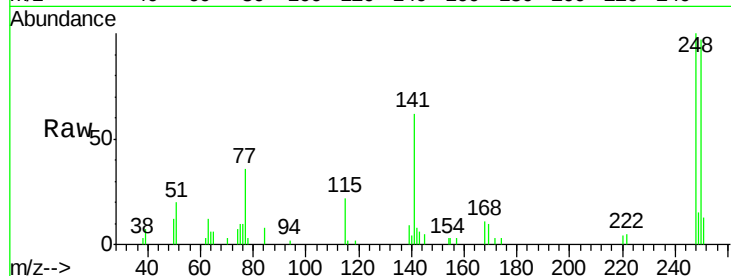




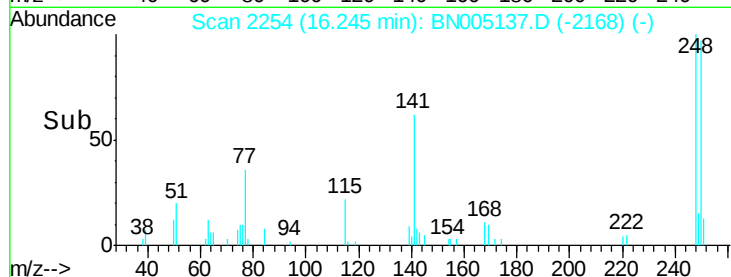
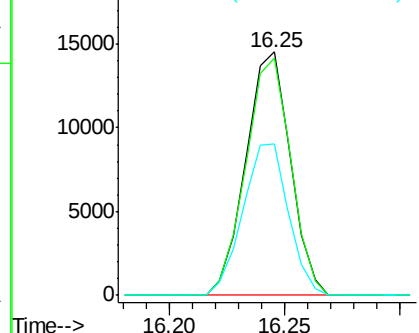
#67
 4-Bromophenyl-phenylether
 Concen: 45.369 ng
 RT: 16.25 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.4	119.2
141	62.2	52.3	78.5

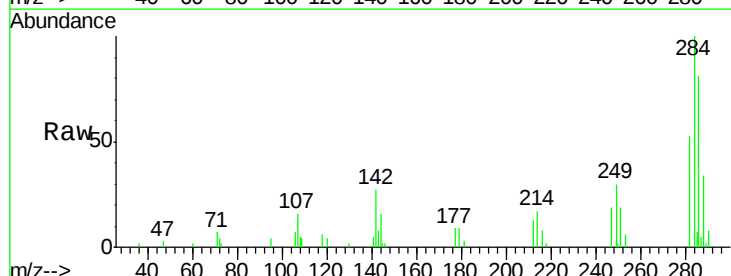


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

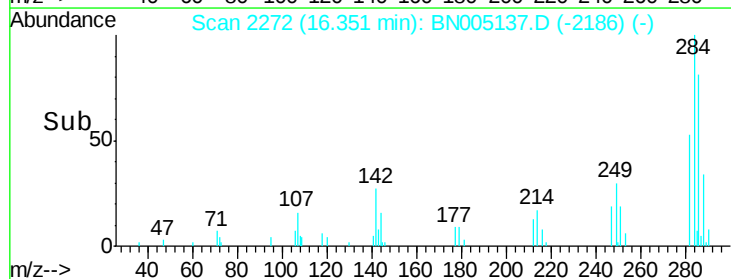
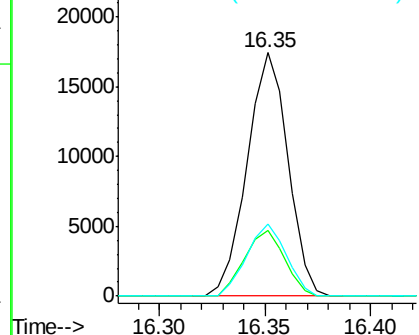


#68
 Hexachlorobenzene
 Concen: 46.187 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	23.5	35.3
249	29.6	24.5	36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.108 ng

RT: 16.52 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

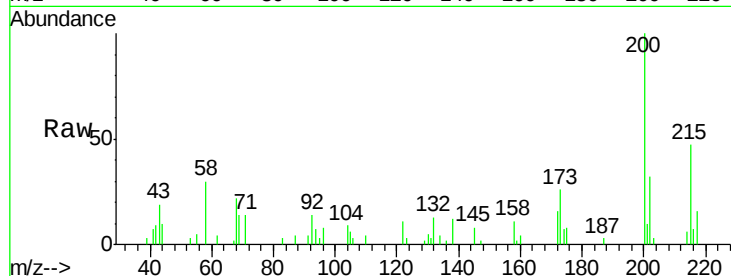
Tot Ion:200 Resp: 16405

Ion Ratio Lower Upper

200 100

173 26.1 6.4 46.4

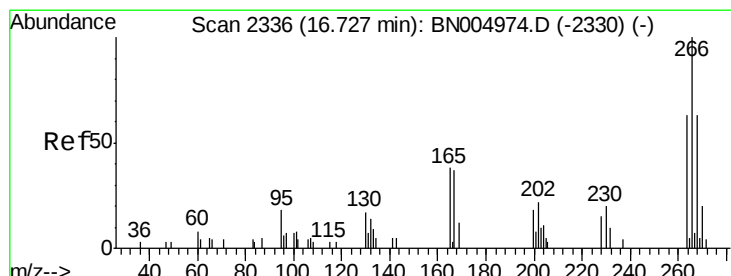
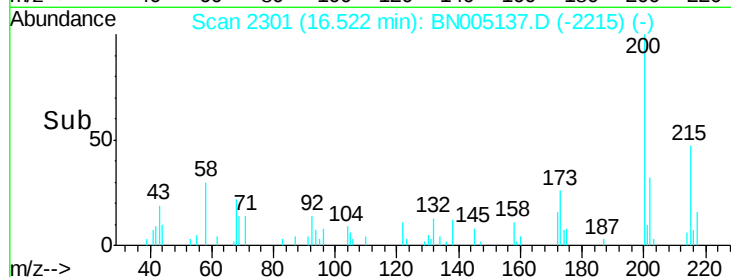
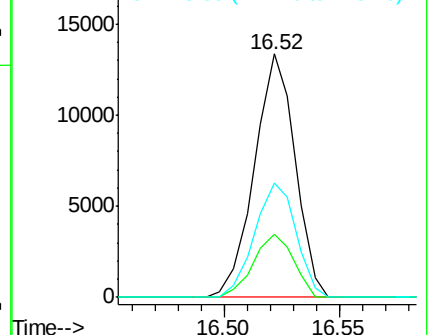
215 47.0 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.038 ng

RT: 16.70 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

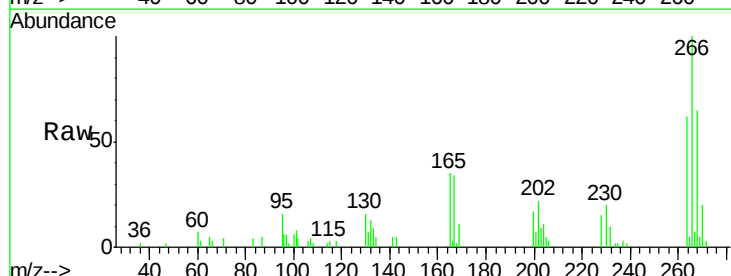
Tgt Ion:266 Resp: 21033

Ion Ratio Lower Upper

266 100

268 64.5 50.8 76.2

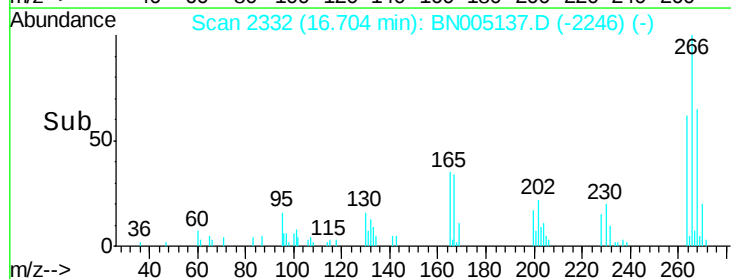
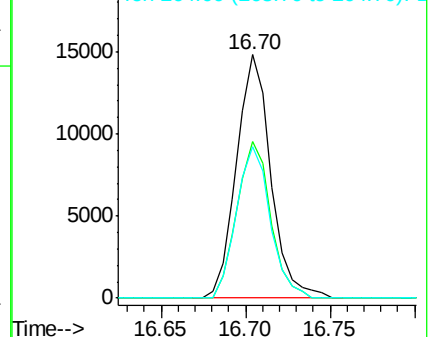
264 62.1 50.0 75.0

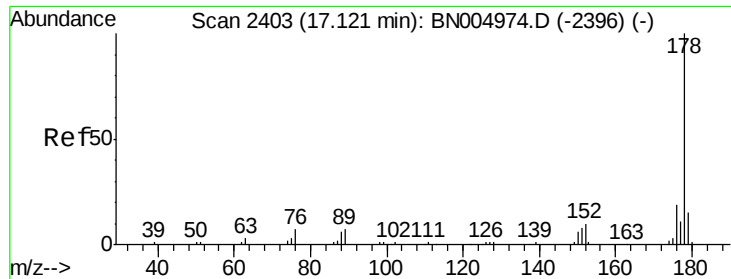


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

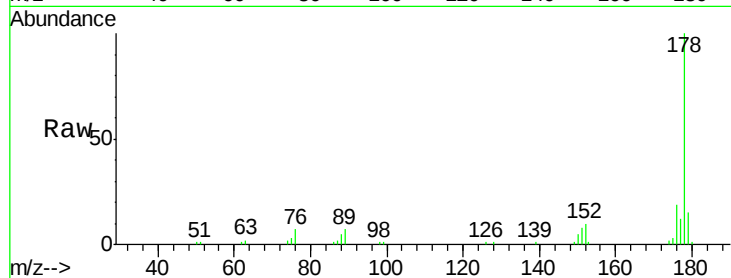




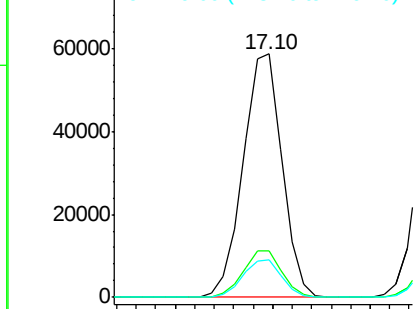
#71
Phenanthrene
Concen: 41.806 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Instrument :
BNA_N
ClientSampleId :

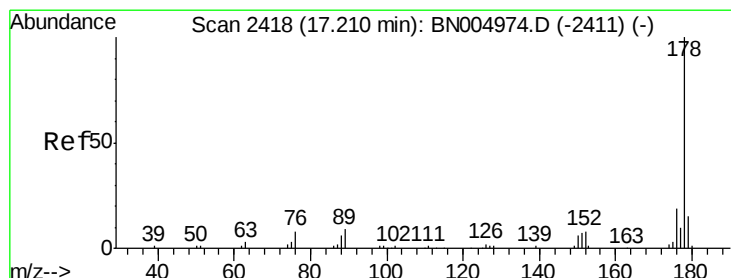
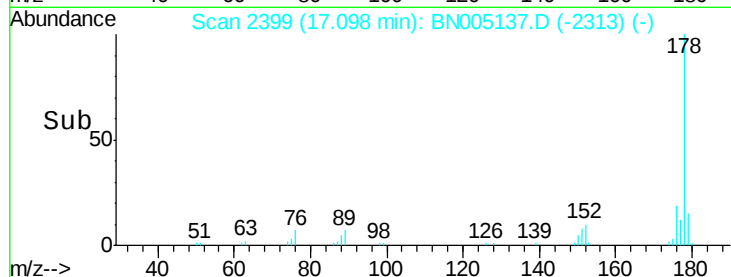
Tot Ion:178 Resp: 81321
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

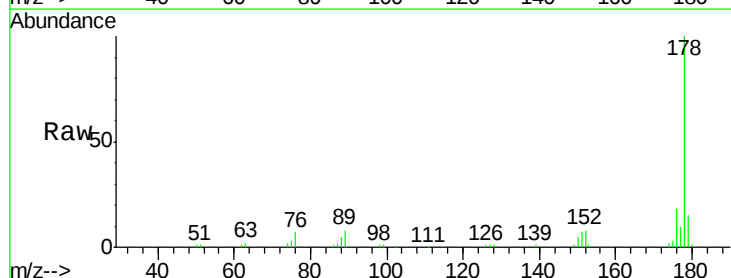


Time-->

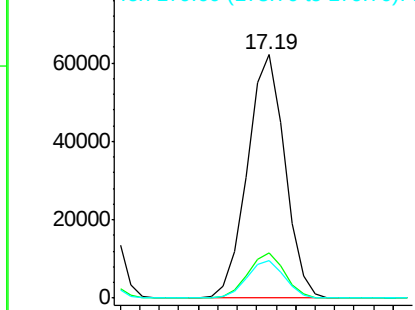


#72
Anthracene
Concen: 42.698 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

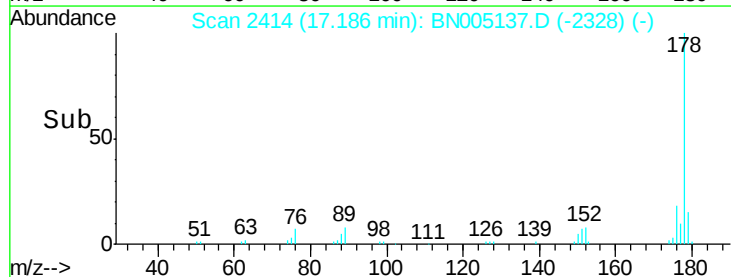
Tgt Ion:178 Resp: 82671
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

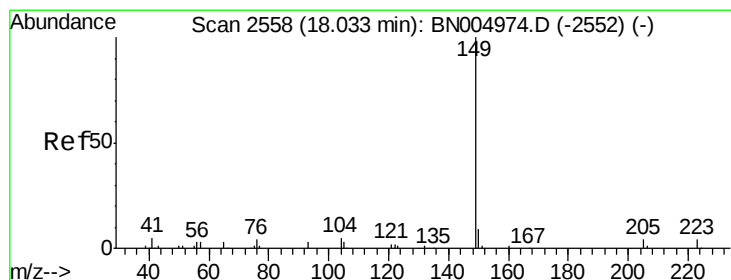
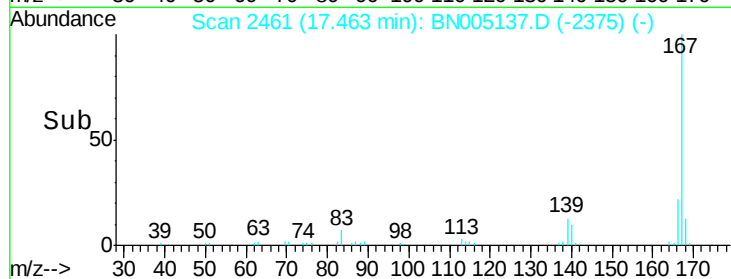
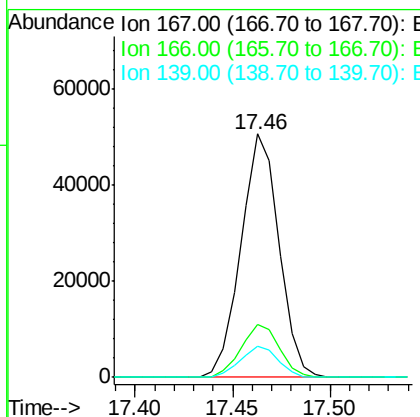
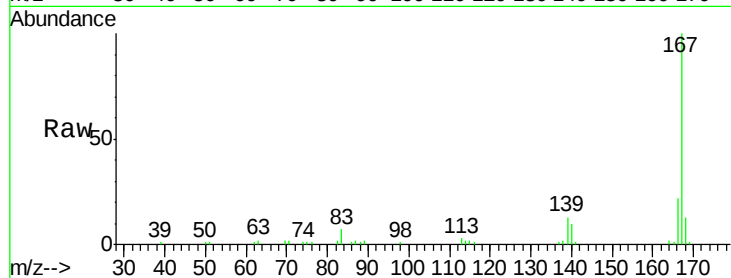




#73
 Carbazole
 Concen: 38.688 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

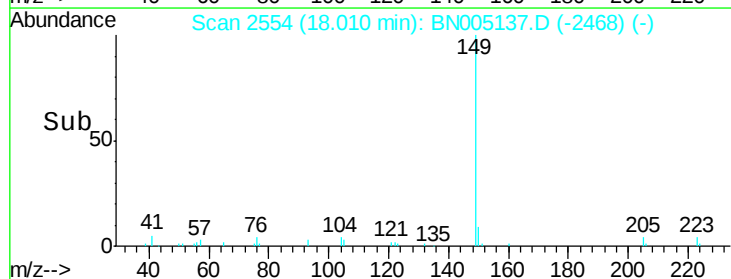
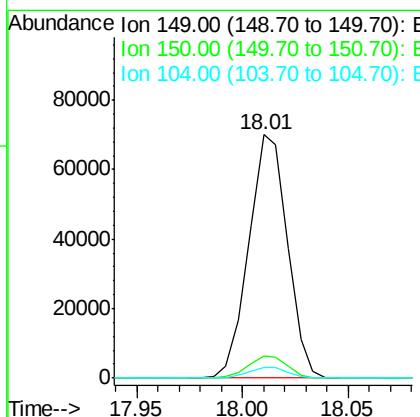
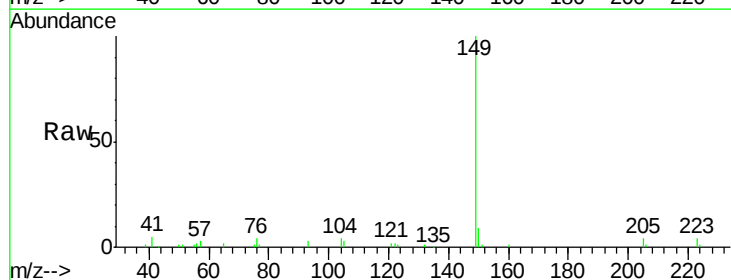
Instrument :
 BNA_N
 ClientSampleId :

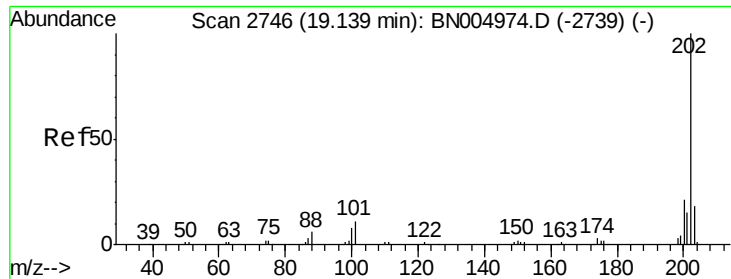
Tot Ion:167 Resp: 68181
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.471 ng
 RT: 18.01 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:149 Resp: 89031
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.5 3.7 5.5

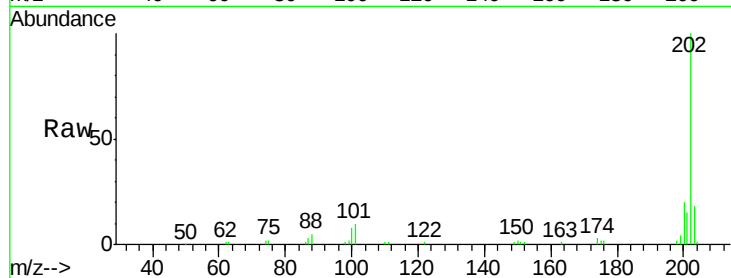




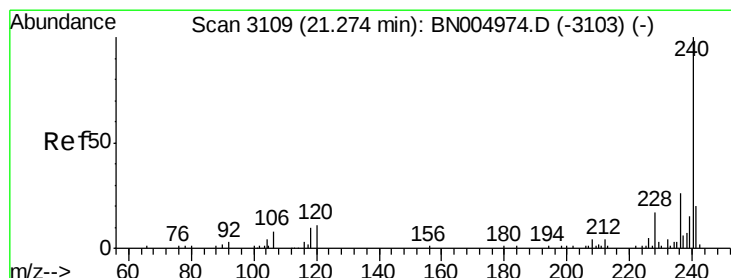
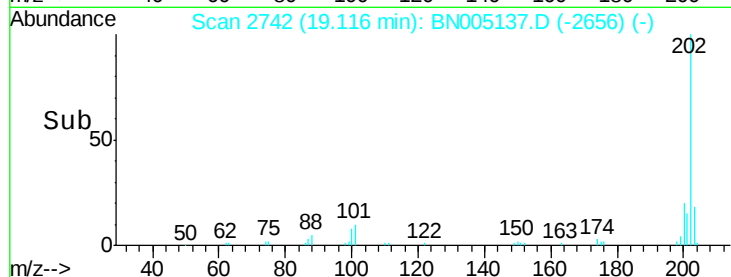
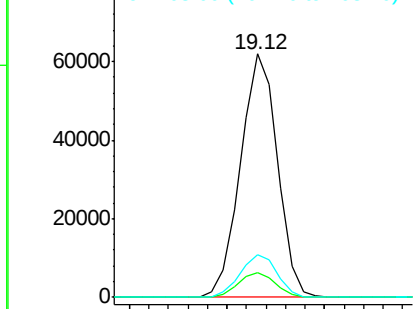
#75
Fluoranthene
Concen: 36.598 ng
RT: 19.12 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 81215
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.1
203 17.6 0.0 37.5

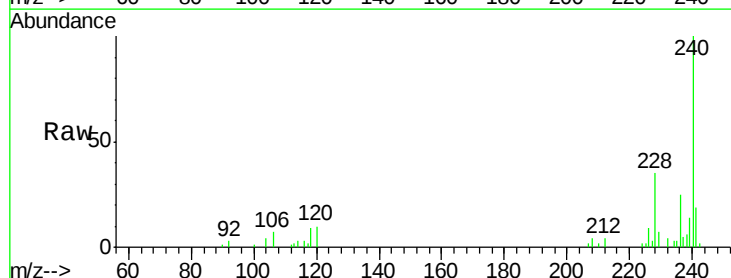


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

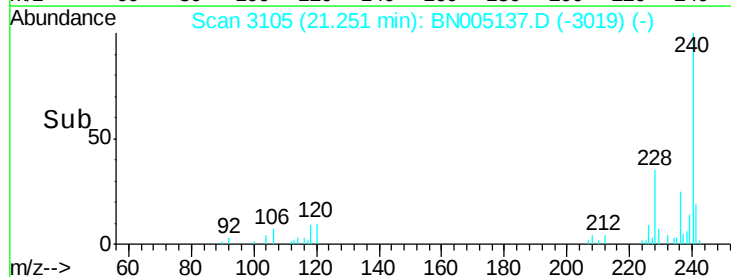
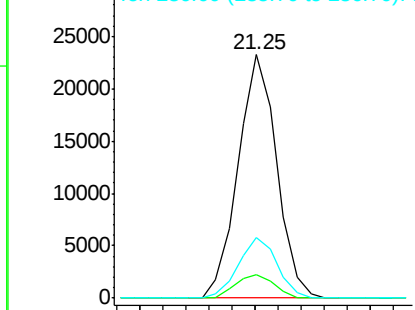


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion:240 Resp: 27045
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 24.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.487 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

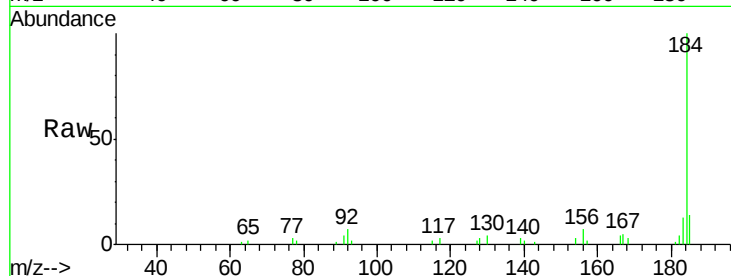
Instrument :

BNA_N

ClientSampleId :

Tot Ion:184 Resp: 29910

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	12.7	9.9	14.9

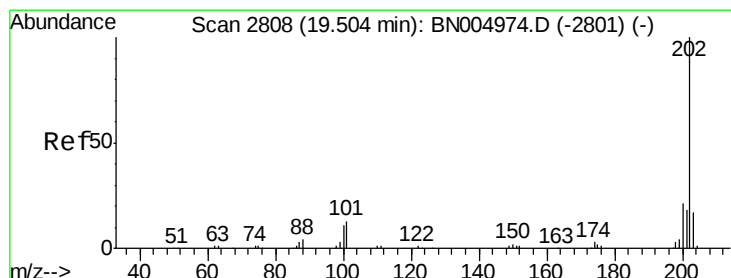
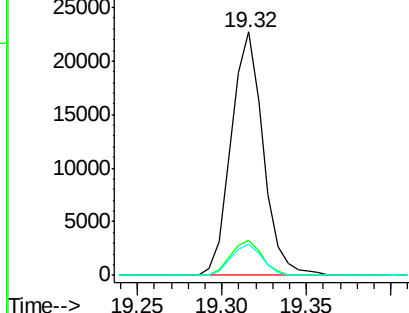
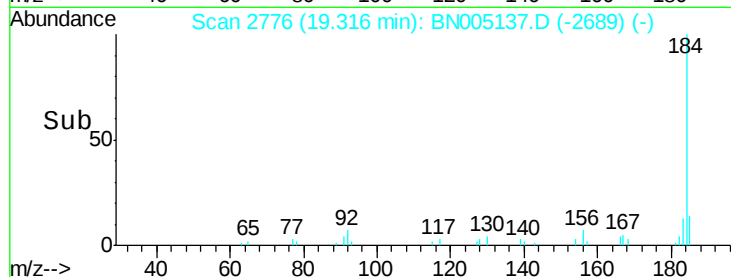


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.418 ng

RT: 19.48 min Scan# 2804

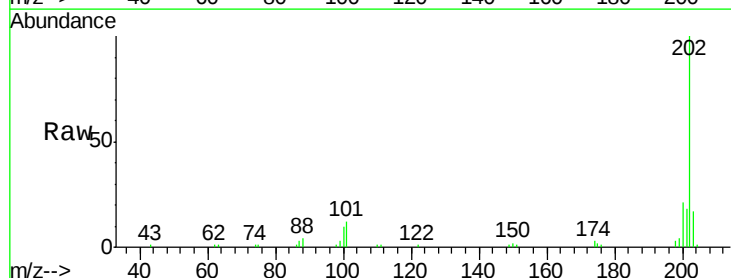
Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Tgt Ion:202 Resp: 80213

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.4	14.0	21.0

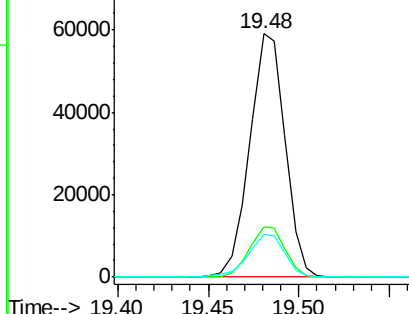
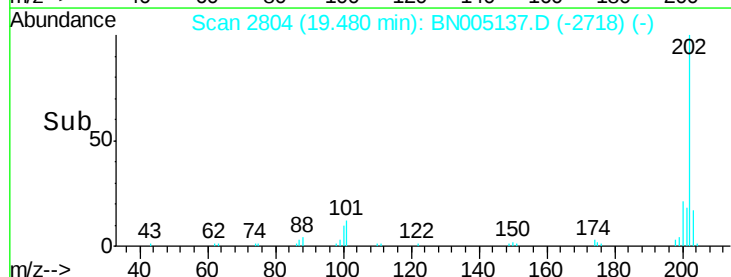


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.886 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

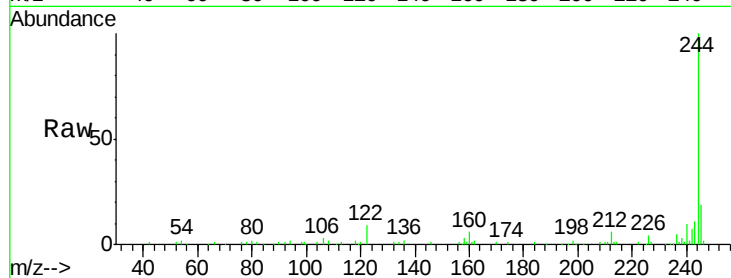
Tot Ion:244 Resp: 124863

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

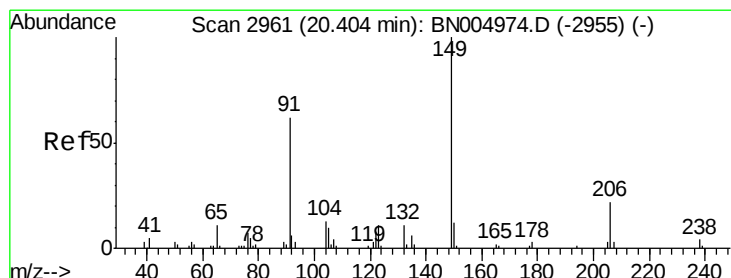
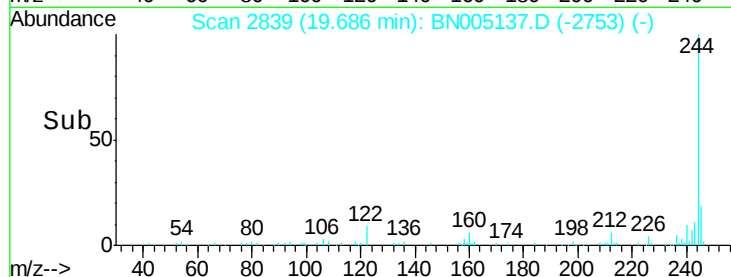
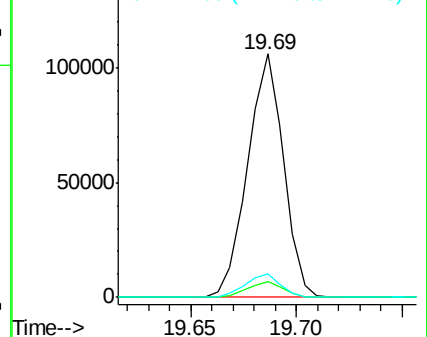
122 9.4 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.320 ng

RT: 20.38 min Scan# 2957

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

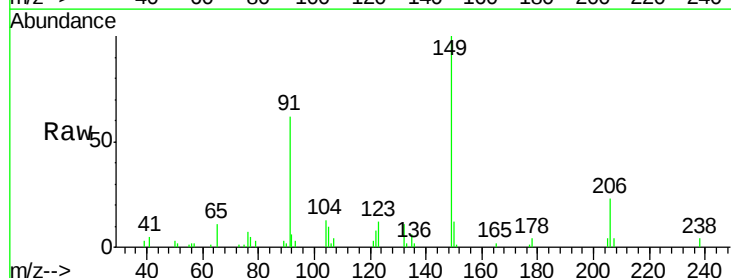
Tgt Ion:149 Resp: 32521

Ion Ratio Lower Upper

149 100

91 61.8 49.3 73.9

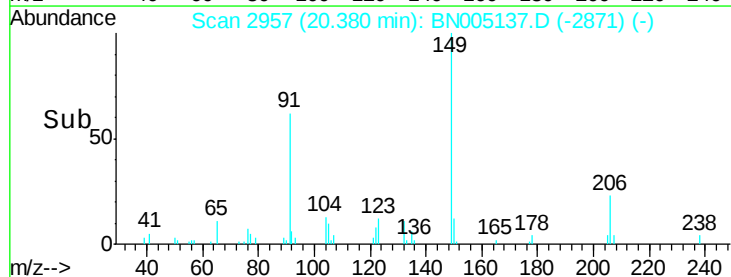
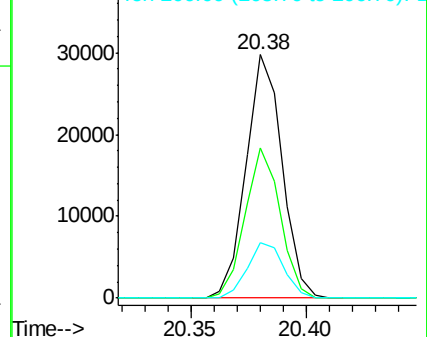
206 22.9 17.9 26.9

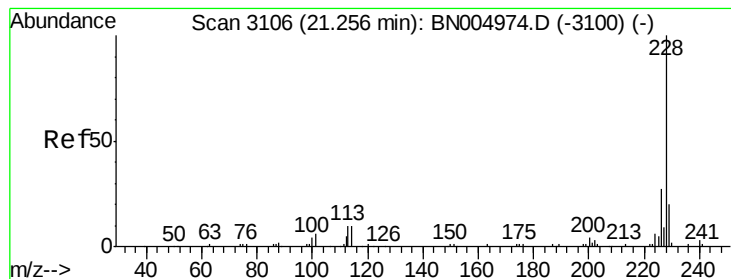


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.896 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

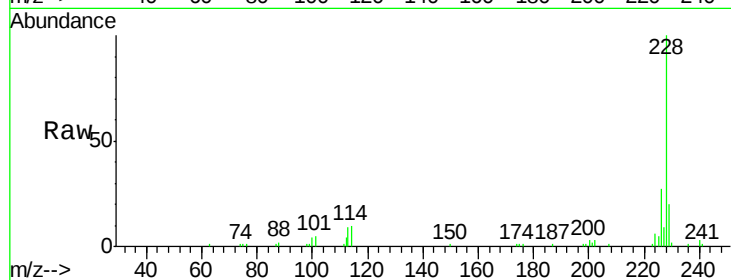
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 67210

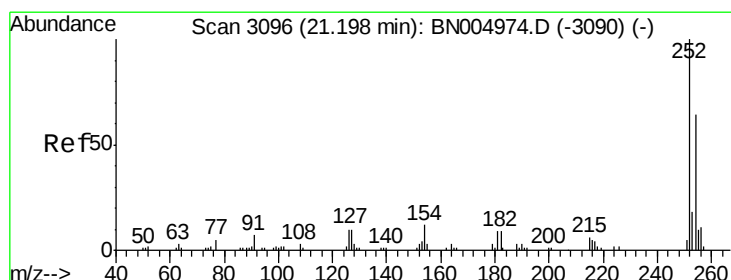
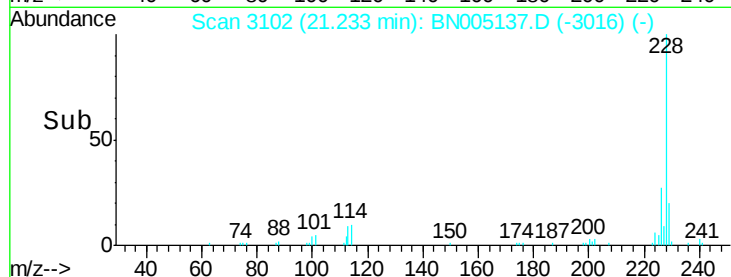
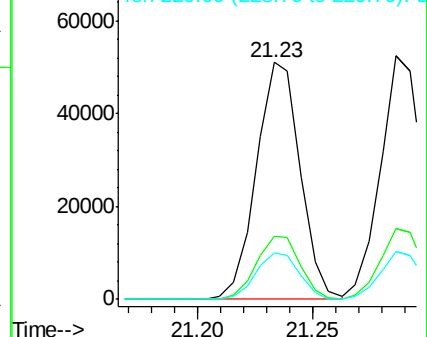
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	19.8	15.9	23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 33.948 ng

RT: 21.17 min Scan# 3092

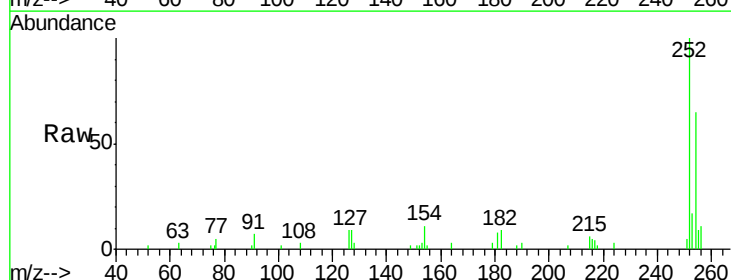
Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Tgt Ion:252 Resp: 21386

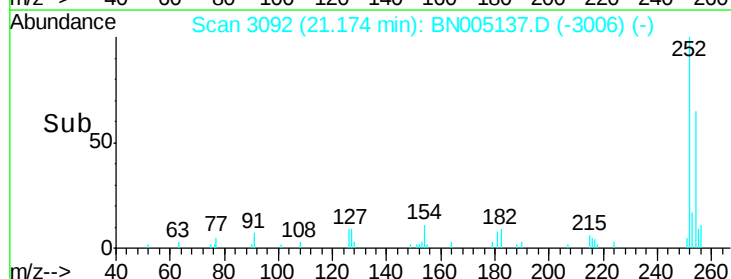
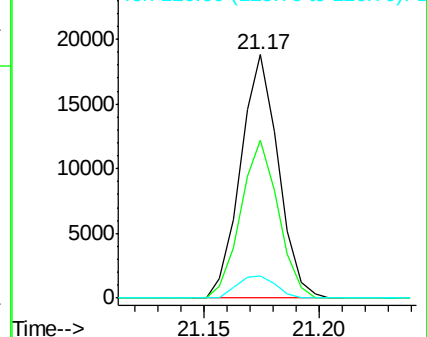
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	8.9	7.9	11.9

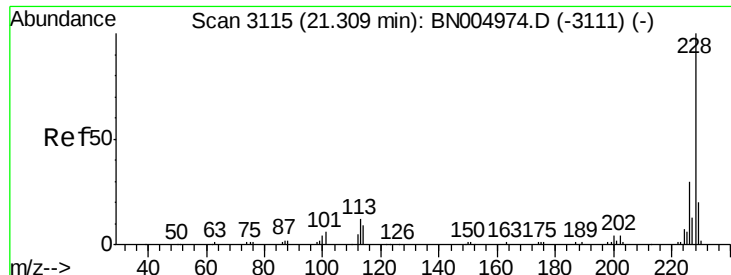


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

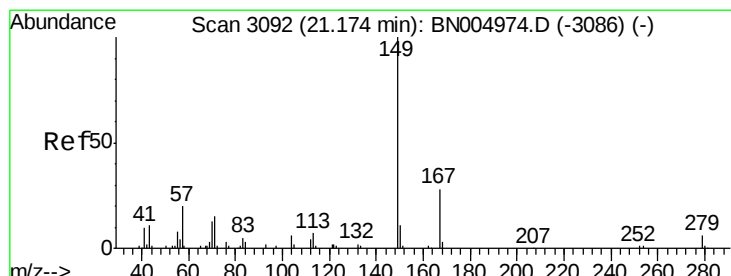
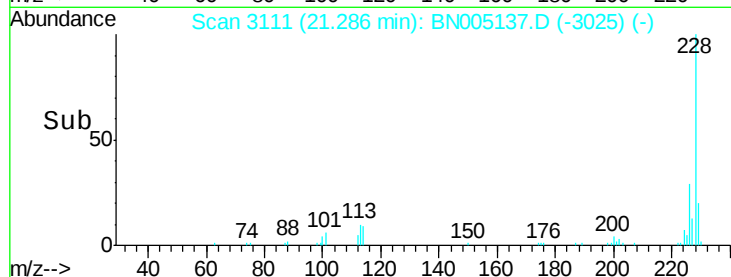
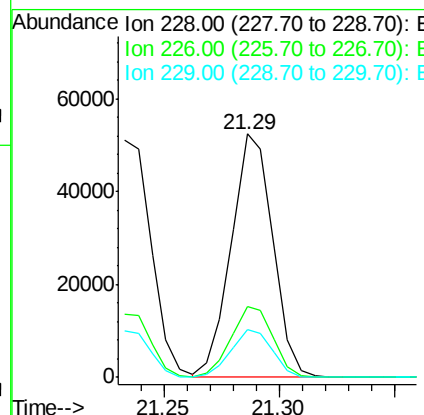
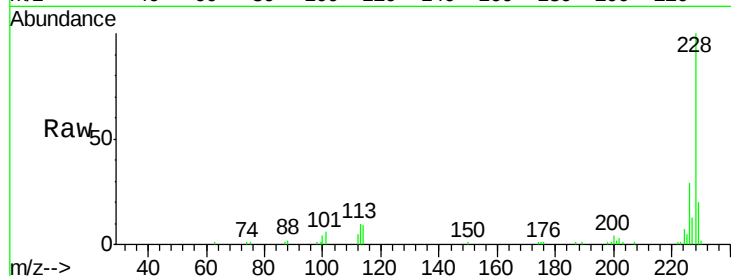




#83
 Chrysene
 Concen: 40.881 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

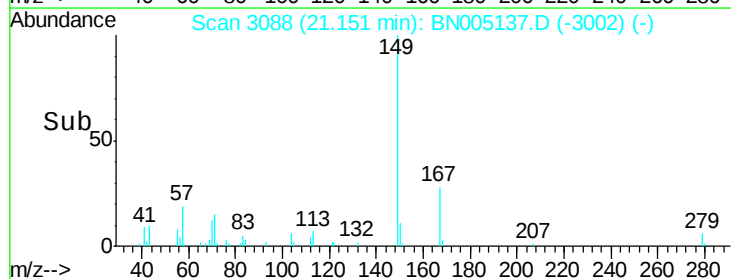
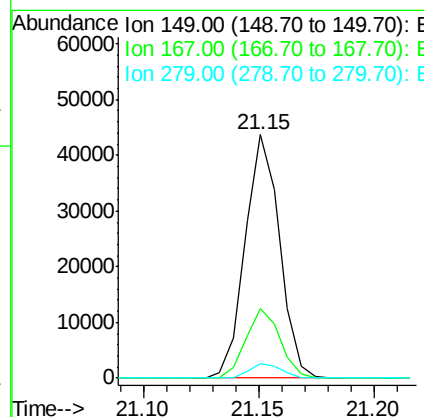
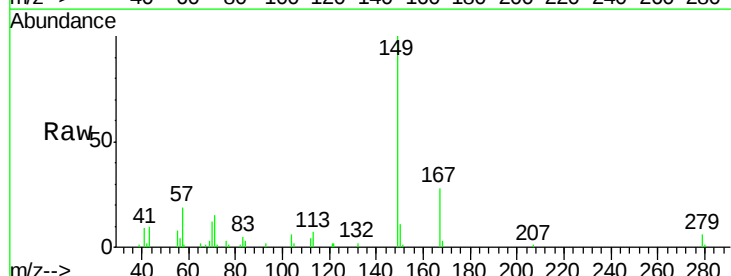
Instrument :
 BNA_N
 ClientSampleId :

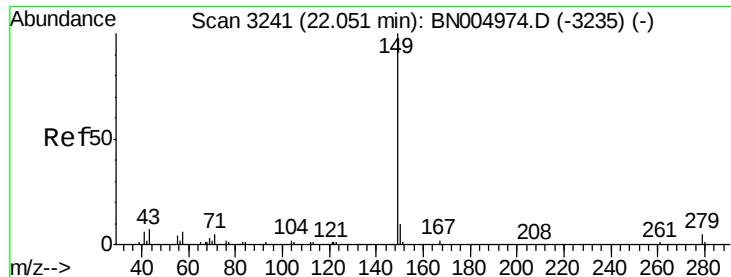
Tot Ion:228 Resp: 65781
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.2 36.2
 229 19.6 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.933 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BN005137.D
 Acq: 10 Apr 2019 20:41

Tgt Ion:149 Resp: 45618
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.5 33.7
 279 6.0 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 43.906 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.02 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

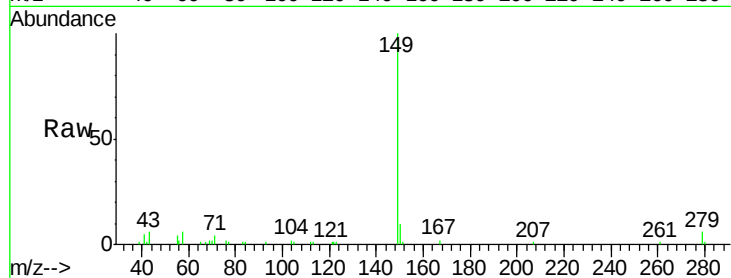
Tot Ion:149 Resp: 71938

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

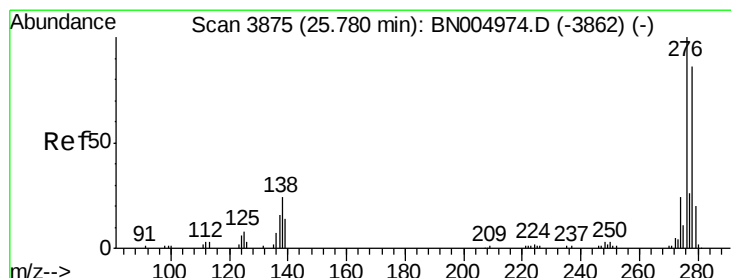
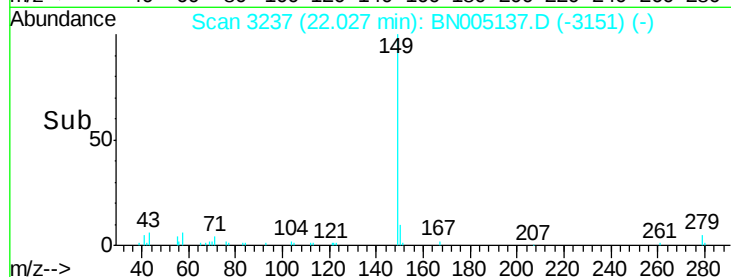
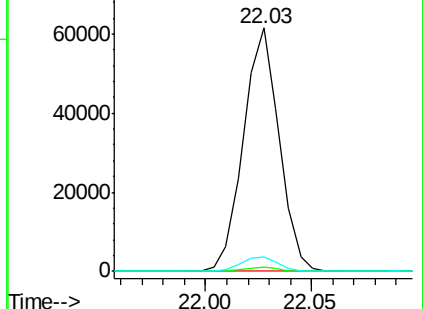
43 6.1 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.131 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.05 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

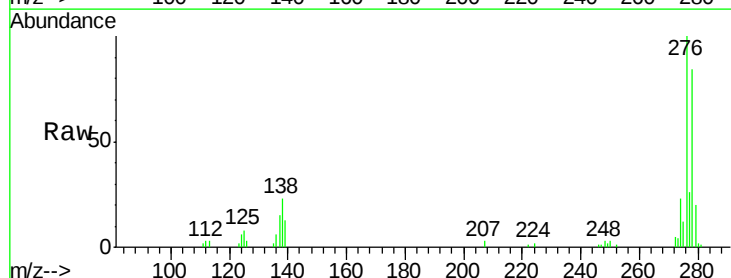
Tgt Ion:276 Resp: 97128

Ion Ratio Lower Upper

276 100

138 22.1 18.5 27.7

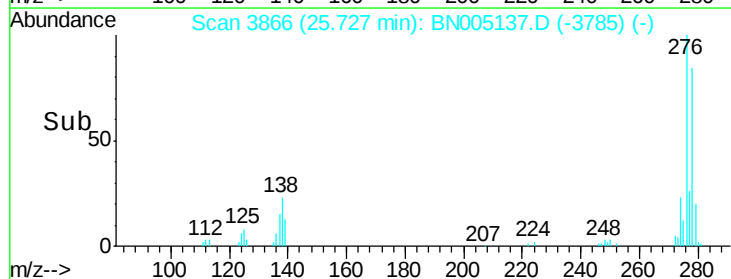
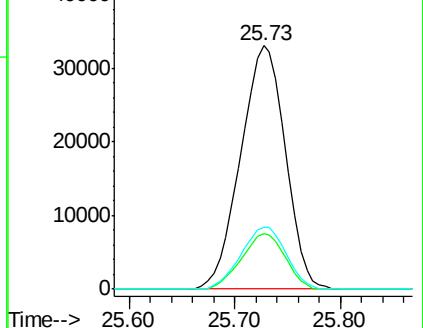
277 25.6 20.4 30.6

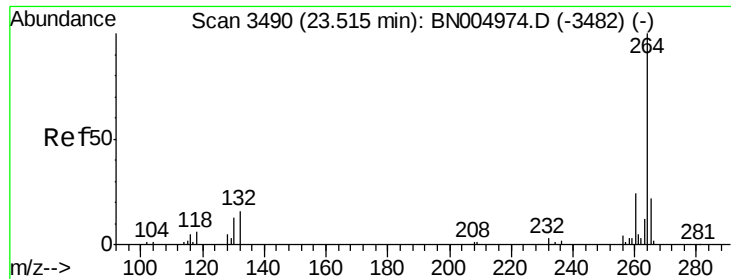


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.48 min Scan# 3484

Delta R.T. -0.04 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

Instrument :

BNA_N

ClientSampleId :

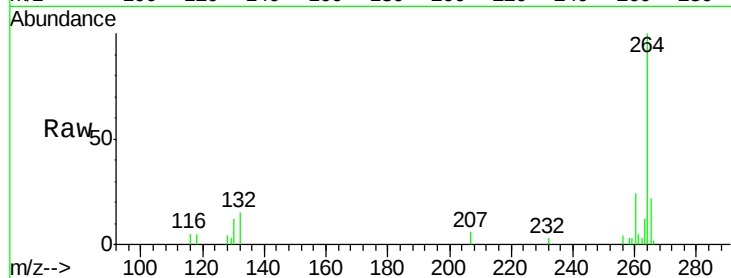
Tot Ion:264 Resp: 27493

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

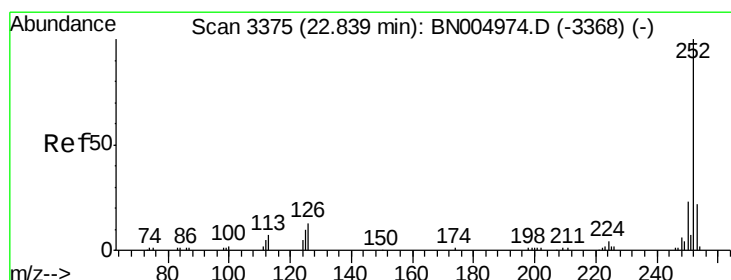
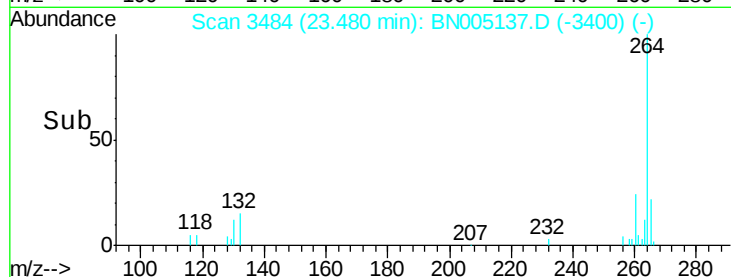
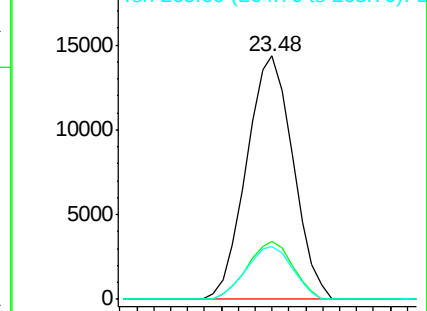
265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.209 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.03 min

Lab File: BN005137.D

Acq: 10 Apr 2019 20:41

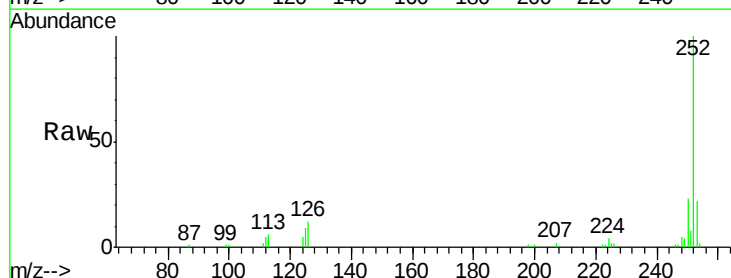
Tgt Ion:252 Resp: 73121

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

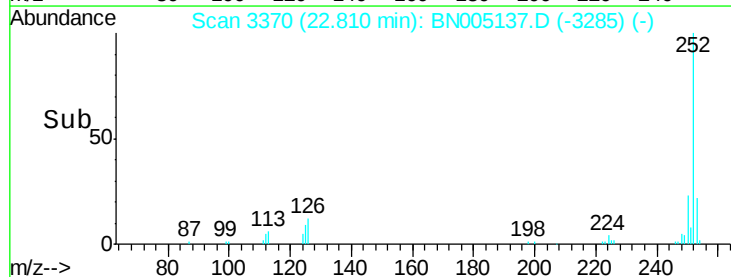
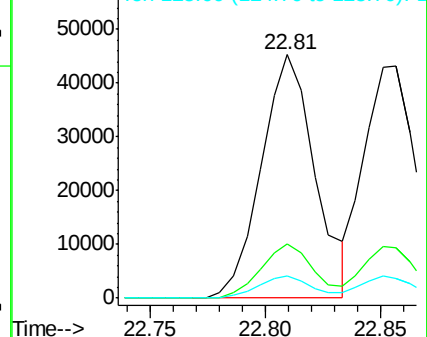
125 8.9 8.1 12.1

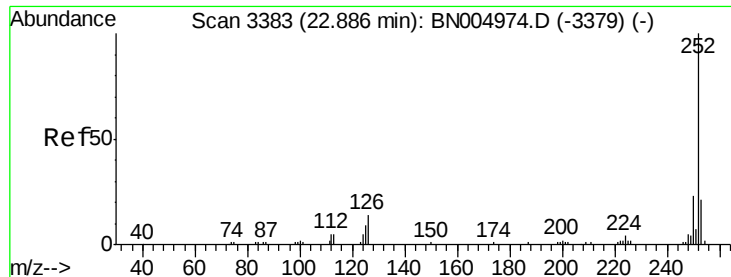


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

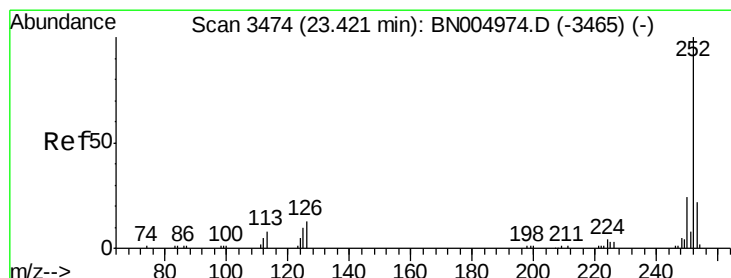
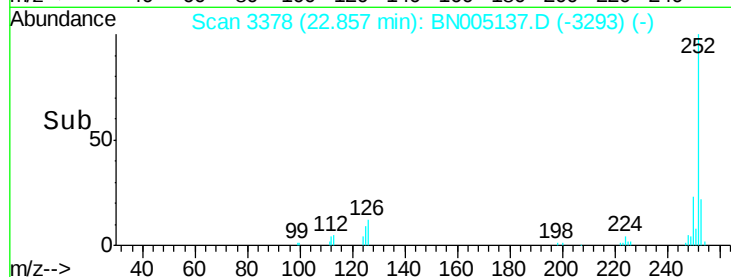
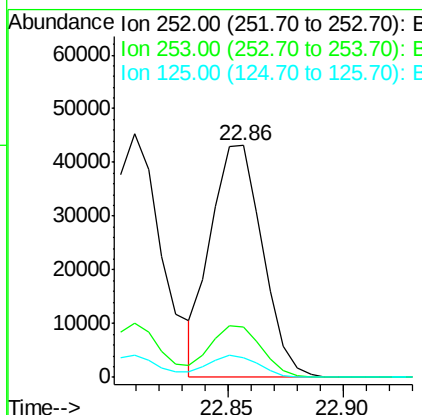
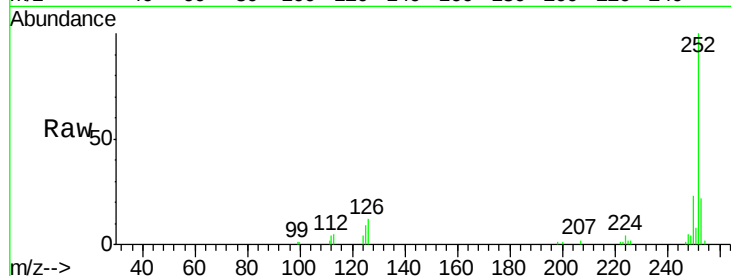




#89
Benzo(k)fluoranthene
Concen: 43.433 ng
RT: 22.86 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

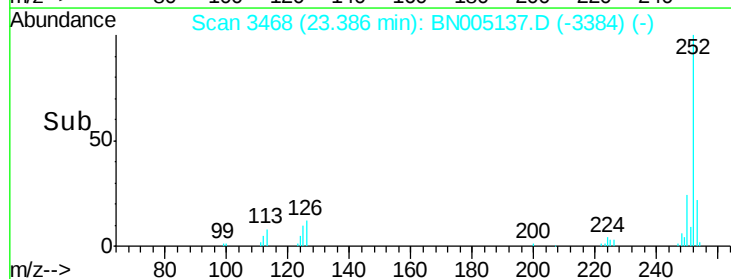
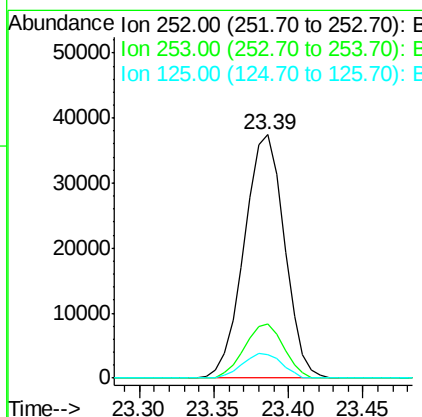
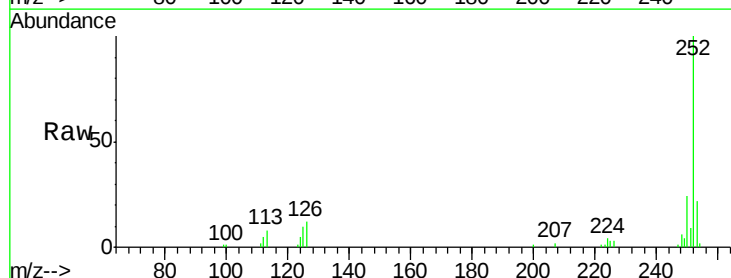
Instrument :
BNA_N
ClientSampleId :

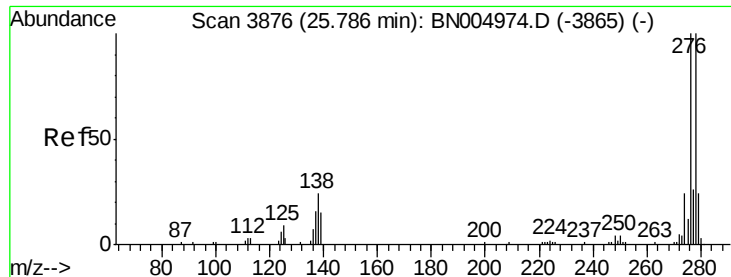
Tot Ion:252 Resp: 67401
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 8.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 45.180 ng
RT: 23.39 min Scan# 3468
Delta R.T. -0.04 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion:252 Resp: 69965
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 8.2 12.4



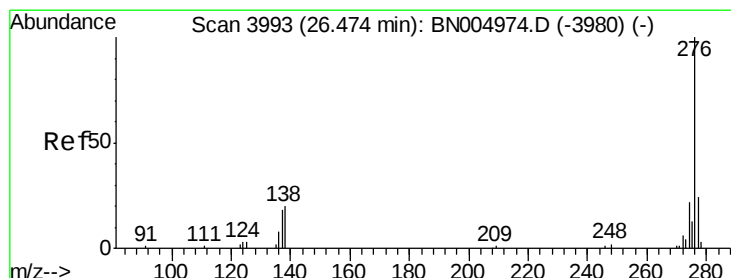
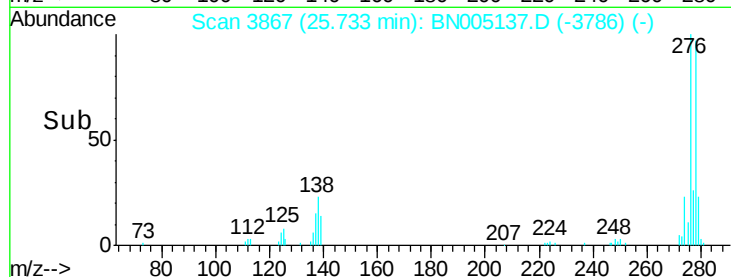
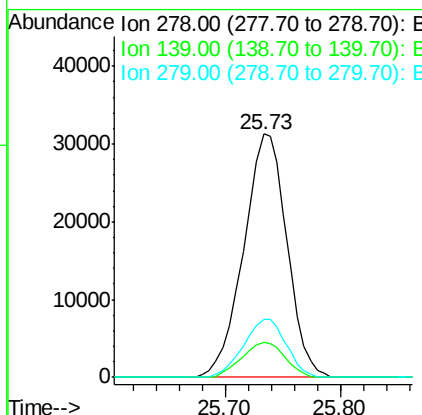
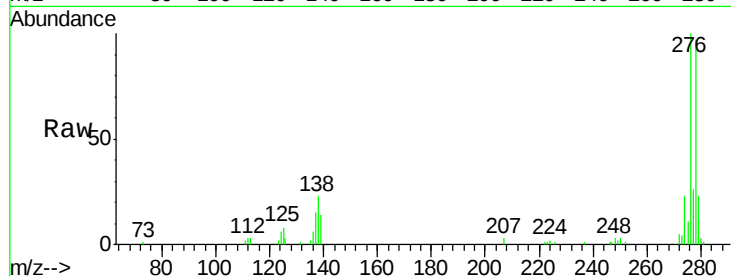


#91
Dibenzo(a,h)anthracene
Concen: 52.379 ng
RT: 25.73 min Scan# 3867
Delta R.T. -0.05 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 81433

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.8	17.8
279	23.7	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 53.618 ng
RT: 26.42 min Scan# 3984
Delta R.T. -0.05 min
Lab File: BN005137.D
Acq: 10 Apr 2019 20:41

Tgt Ion:276 Resp: 82438

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	18.2	16.2	24.2

