

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032719\
 Data File : BN005009.D
 Acq On : 28 Mar 2019 00:00
 Operator : JU/SJ
 Sample : PB118303BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Quant Time: Mar 28 04:54:16 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	7.68	152	8631	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	34870	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	19236	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	39670	20.00	ng	0.00
76) Chrysene-d12	21.27	240	32342	20.00	ng	0.00
87) Perylene-d12	23.50	264	27650	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	65842	131.89	ng	0.00
7) Phenol-d6	6.86	99	83165	125.60	ng	0.00
23) Nitrobenzene-d5	8.84	82	43259	75.04	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	38630	124.52	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	112205	77.30	ng	0.00
79) Terphenyl-d14	19.70	244	143837	85.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	9889	54.358	ng	# 92
3) Pyridine	3.60	79	17836	35.083	ng	99
4) n-Nitrosodimethylamine	3.52	42	6280	37.891	ng	96
6) Aniline	7.02	93	26692	31.656	ng	99
8) 2-Chlorophenol	7.25	128	24717	39.002	ng	100
9) Benzaldehyde	6.83	77	8126	21.357	ng	97
10) Phenol	6.88	94	27676	39.007	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	20231	36.873	ng	98
12) 1,3-Dichlorobenzene	7.56	146	25857	37.449	ng	98
13) 1,4-Dichlorobenzene	7.71	146	26464	37.865	ng	99
14) 1,2-Dichlorobenzene	8.02	146	25531	38.171	ng	99
15) Benzyl Alcohol	7.92	79	18251	36.230	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	24040	36.316	ng	99
17) 2-Methylphenol	8.12	107	19233	38.884	ng	99
18) Hexachloroethane	8.74	117	9028	36.444	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	15329	35.315	ng	99
20) 3+4-Methylphenols	8.45	107	25756	38.351	ng	99
22) Acetophenone	8.50	105	32647	41.014	ng	100
24) Nitrobenzene	8.88	77	23074	39.552	ng	99
25) Isophorone	9.39	82	42292	37.661	ng	100
26) 2-Nitrophenol	9.59	139	12826	37.864	ng	99
27) 2,4-Dimethylphenol	9.64	122	21800	46.225	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	27168	39.047	ng	100
29) 2,4-Dichlorophenol	10.12	162	22413	41.351	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	24354	40.789	ng	100
31) Naphthalene	10.51	128	72953	40.100	ng	99
32) Benzoic acid	9.80	122	11316	31.908	ng	98
33) 4-Chloroaniline	10.63	127	13020	17.590	ng	100
34) Hexachlorobutadiene	10.77	225	15094	39.070	ng	100
35) Caprolactam	11.42	113	6027	33.959	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	22593	38.585	ng	100
37) 2-Methylnaphthalene	12.13	142	51960	40.445	ng	100
38) 1-Methylnaphthalene	12.35	142	49381	39.282	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	27813	40.765	ng	99

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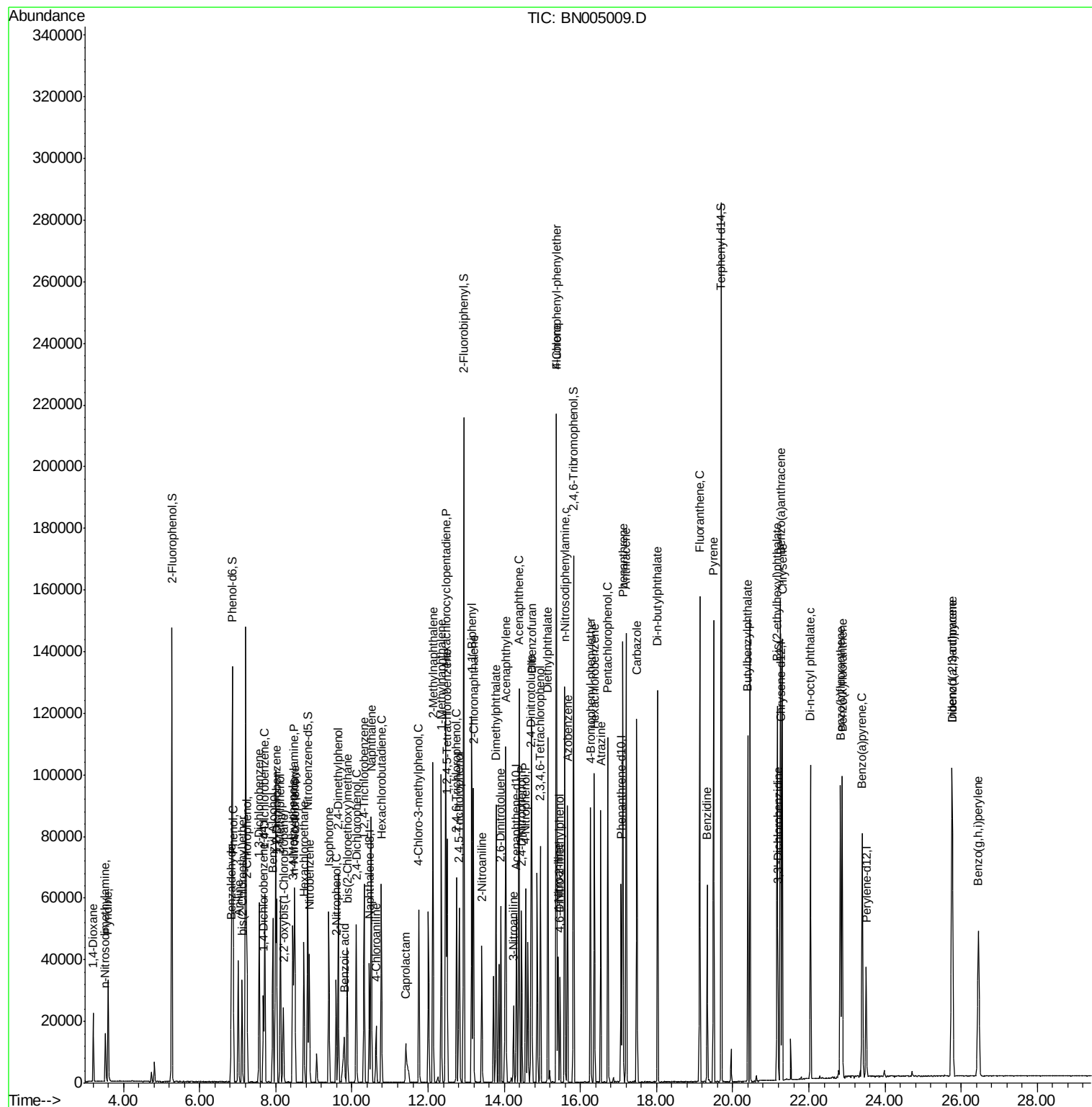
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	38248	97.995	ng	97
43) 2,4,6-Trichlorophenol	12.75	196	17847	42.156	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	18650	40.437	ng	99
46) 1,1'-Biphenyl	13.15	154	66315	40.733	ng	99
47) 2-Chloronaphthalene	13.19	162	51251	41.022	ng	99
48) 2-Nitroaniline	13.41	65	12485	37.540	ng	98
49) Acenaphthylene	14.05	152	81350	38.714	ng	99
50) Dimethylphthalate	13.78	163	62516	39.558	ng	100
51) 2,6-Dinitrotoluene	13.91	165	13708	38.119	ng	100
52) Acenaphthene	14.39	154	46998	39.759	ng	99
53) 3-Nitroaniline	14.25	138	7304	19.872	ng	99
54) 2,4-Dinitrophenol	14.46	184	14682	69.493	ng	97
55) Dibenzofuran	14.72	168	75366	40.068	ng	99
56) 4-Nitrophenol	14.56	139	20533	70.914	ng	99
57) 2,4-Dinitrotoluene	14.70	165	18786	38.439	ng	99
58) Fluorene	15.37	166	59277	39.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17182	40.180	ng	# 100
60) Diethylphthalate	15.15	149	60897	38.615	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	31384	40.038	ng	99
62) 4-Nitroaniline	15.42	138	12133	32.855	ng	99
63) Azobenzene	15.66	77	50817	38.710	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9613	36.834	ng	99
66) n-Nitrosodiphenylamine	15.59	169	51750	41.414	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	20006	40.413	ng	99
68) Hexachlorobenzene	16.37	284	23648	40.774	ng	99
69) Atrazine	16.54	200	17480	39.154	ng	99
70) Pentachlorophenol	16.72	266	23024	75.504	ng	98
71) Phenanthrene	17.12	178	88404	39.661	ng	100
72) Anthracene	17.20	178	90323	40.710	ng	100
73) Carbazole	17.48	167	77006	38.132	ng	100
74) Di-n-butylphthalate	18.03	149	94078	38.242	ng	100
75) Fluoranthene	19.13	202	93177	36.642	ng	99
77) Benzidine	19.33	184	38182	37.882	ng	99
78) Pyrene	19.50	202	94284	43.659	ng	100
80) Butylbenzylphthalate	20.40	149	35625	40.599	ng	99
81) Benzo(a)anthracene	21.25	228	78384	38.908	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	17667	23.452	ng	98
83) Chrysene	21.30	228	75551	39.263	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	48123	39.637	ng	100
85) Di-n-octyl phthalate	22.04	149	74080	37.808	ng	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	76513	34.999	ng	99
88) Benzo(b)fluoranthene	22.83	252	70402	41.366	ng	100
89) Benzo(k)fluoranthene	22.87	252	68902	44.148	ng	99
90) Benzo(a)pyrene	23.40	252	65593	42.116	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	64128	41.014	ng	100
92) Benzo(g,h,i)perylene	26.45	276	63571	41.112	ng	99

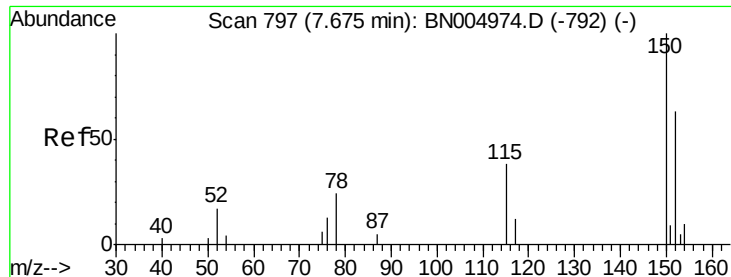
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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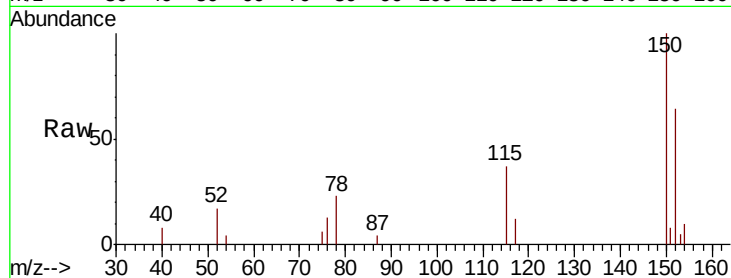




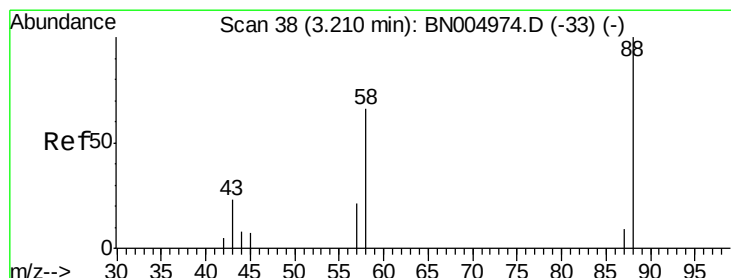
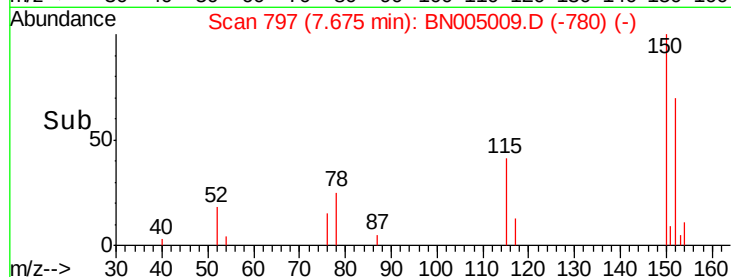
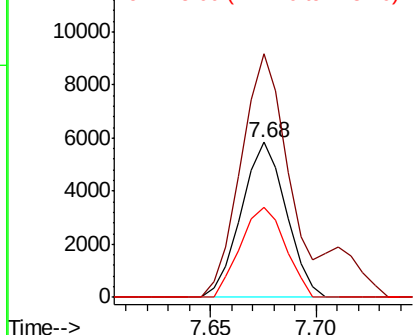
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion:152 Resp: 8631
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.9 190.3
 115 58.5 47.8 71.6

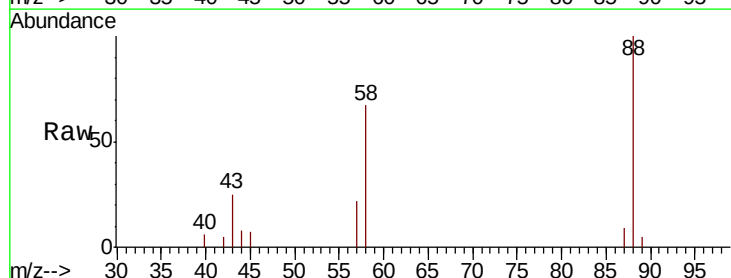


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

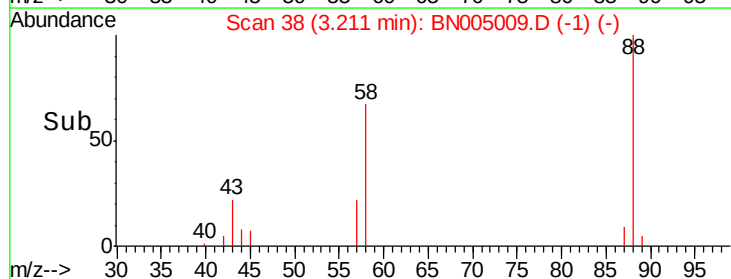
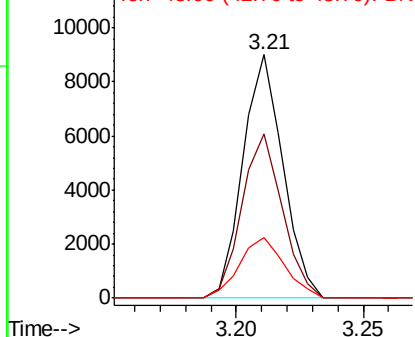


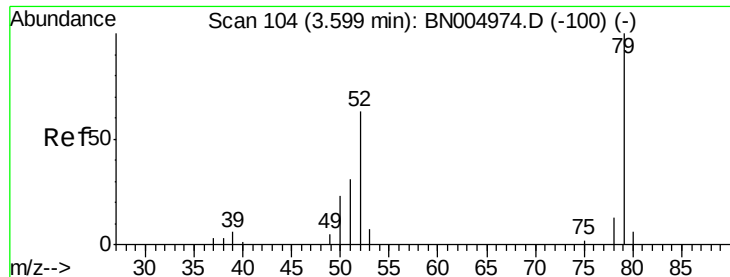
#2
 1,4-Dioxane
 Concen: 54.358 ng
 RT: 3.21 min Scan# 38
 Delta R.T. 0.00 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion: 88 Resp: 9889
 Ion Ratio Lower Upper
 88 100
 58 68.3 51.0 76.6
 43 28.4 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

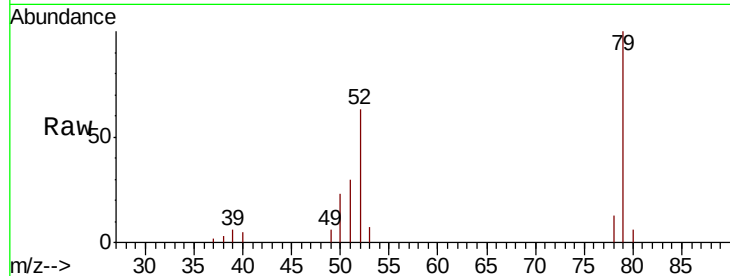




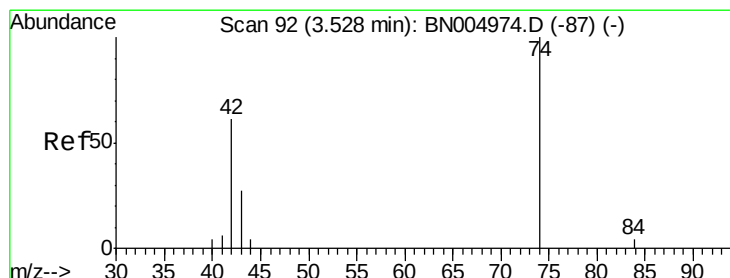
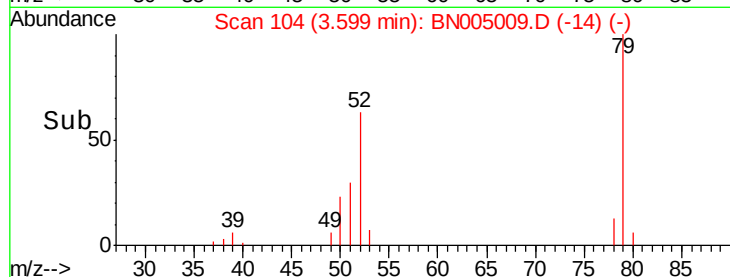
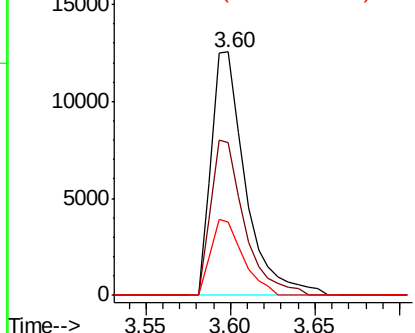
#3
 Pyridine
 Concen: 35.083 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

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Tgt Ion: 79 Resp: 17836
 Ion Ratio Lower Upper
 79 100
 52 63.0 50.2 75.4
 51 30.0 25.0 37.4

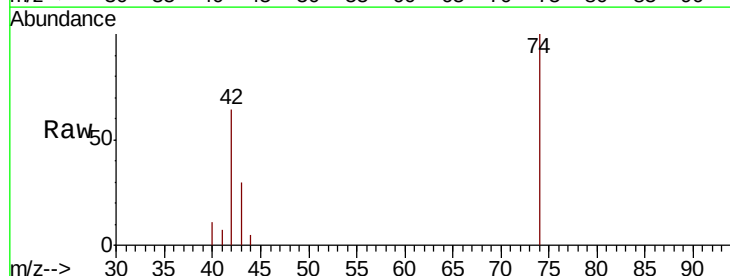


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

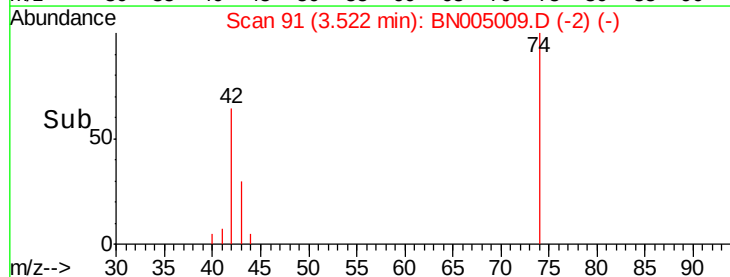
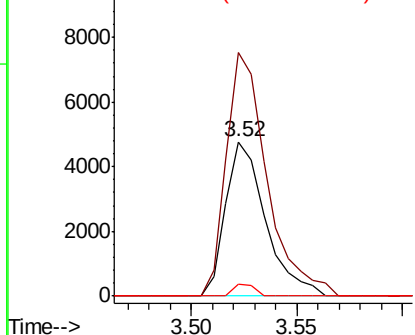


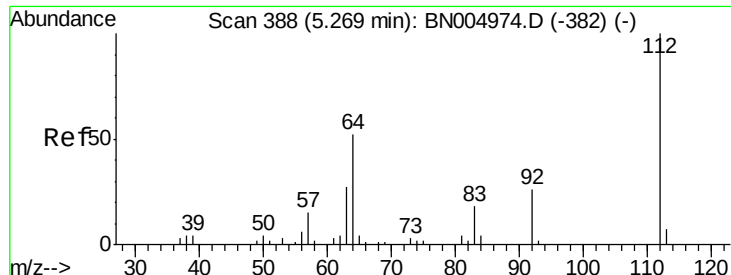
#4
 n-Nitrosodimethylamine
 Concen: 37.891 ng
 RT: 3.52 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion: 42 Resp: 6280
 Ion Ratio Lower Upper
 42 100
 74 157.5 130.8 196.2
 44 7.7 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 131.890 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

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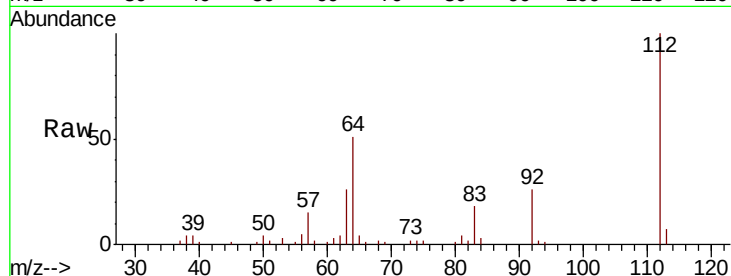
Tgt Ion: 112 Resp: 65842

Ion Ratio Lower Upper

112 100

64 51.4 41.9 62.9

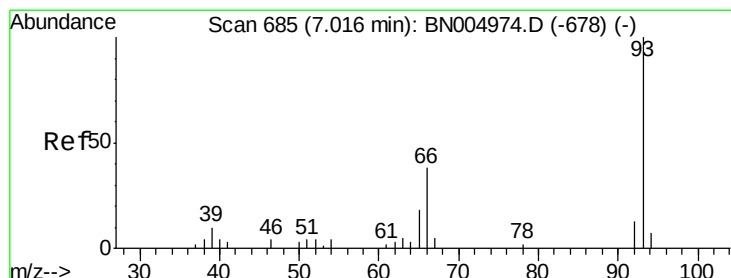
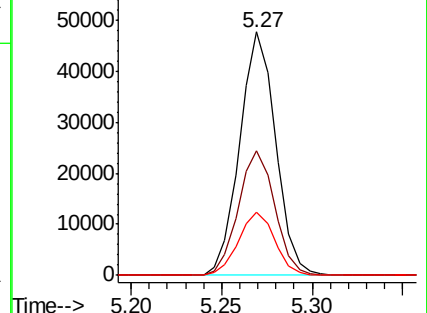
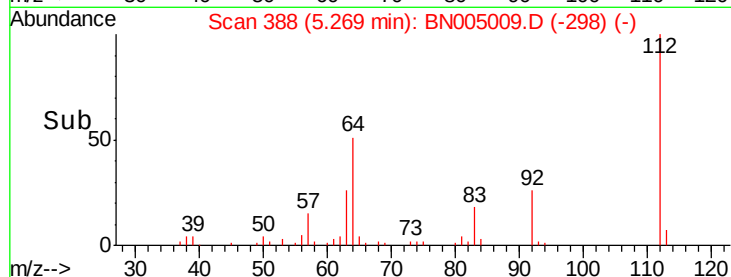
63 26.0 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#6

Aniline

Concen: 31.656 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

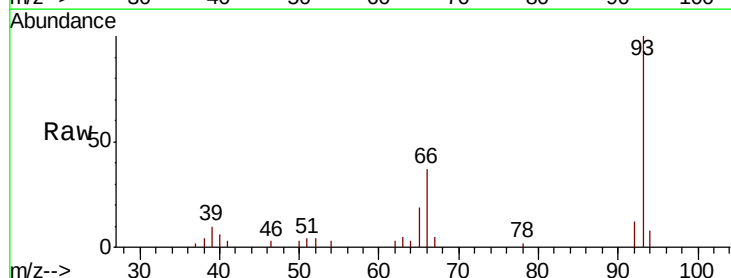
Tgt Ion: 93 Resp: 26692

Ion Ratio Lower Upper

93 100

66 37.4 30.2 45.4

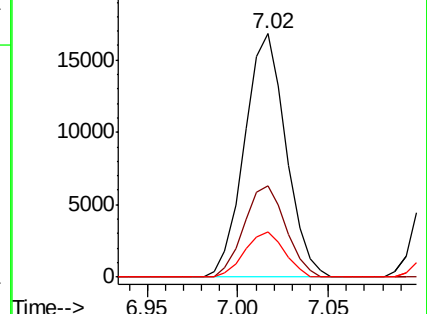
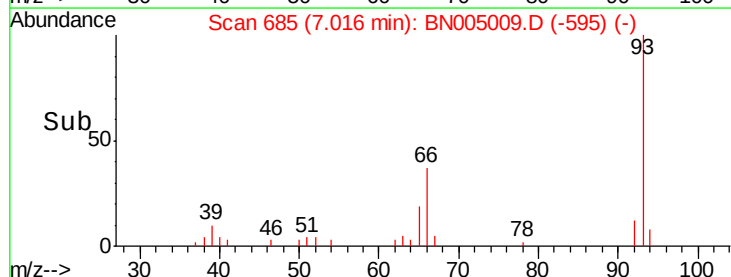
65 18.7 14.7 22.1

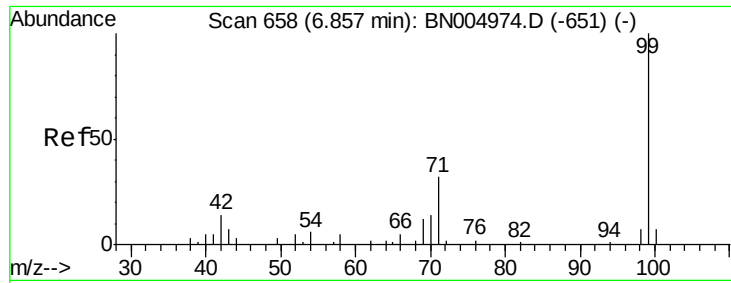


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

Ion 65.00 (64.70 to 65.70): BN0





#7

Phenol-d6

Concen: 125.601 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

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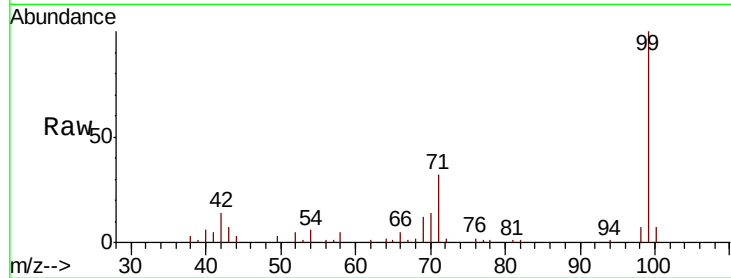
Tgt Ion: 99 Resp: 83165

Ion Ratio Lower Upper

99 100

42 13.9 11.4 17.0

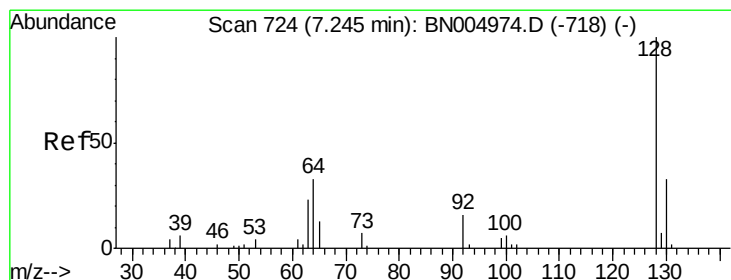
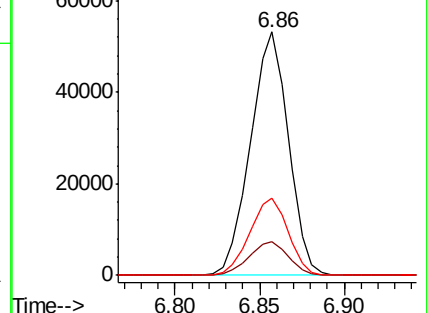
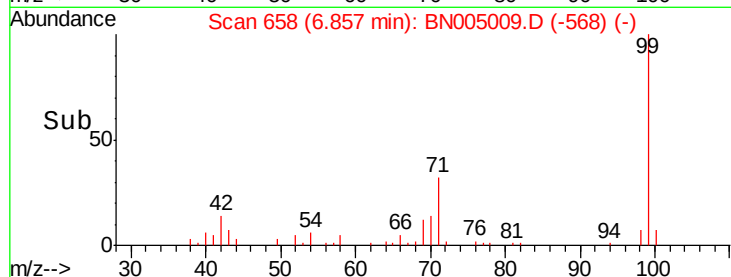
71 31.9 25.8 38.8



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: 39.002 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

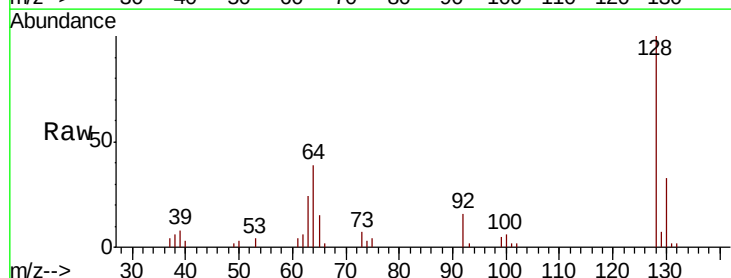
Tgt Ion: 128 Resp: 24717

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

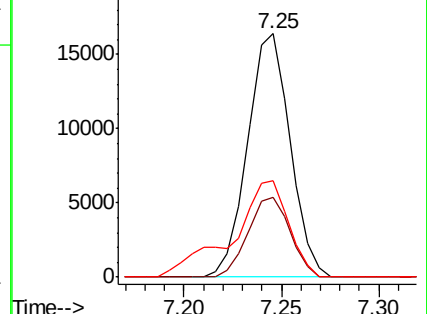
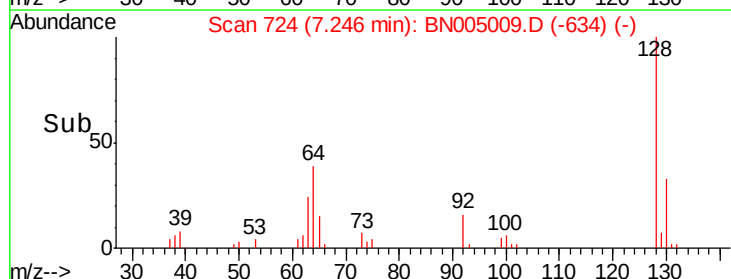
64 39.5 19.9 59.9

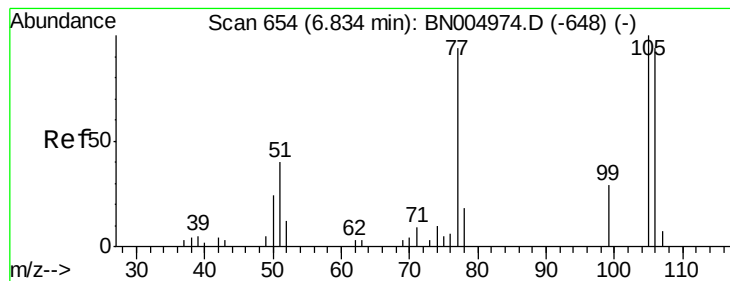


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

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: 21.357 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

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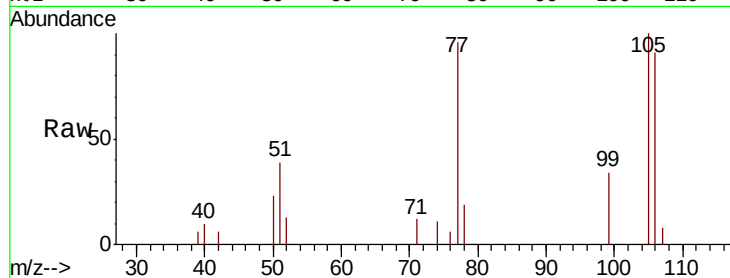
Tgt Ion: 77 Resp: 8126

Ion Ratio Lower Upper

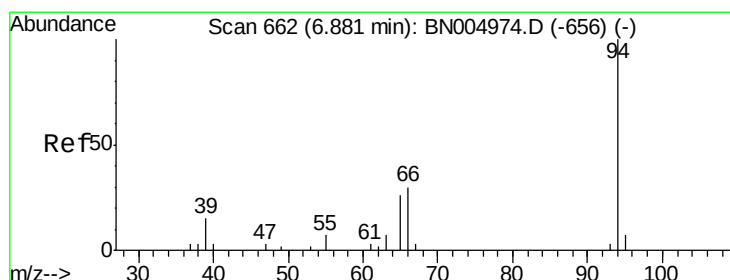
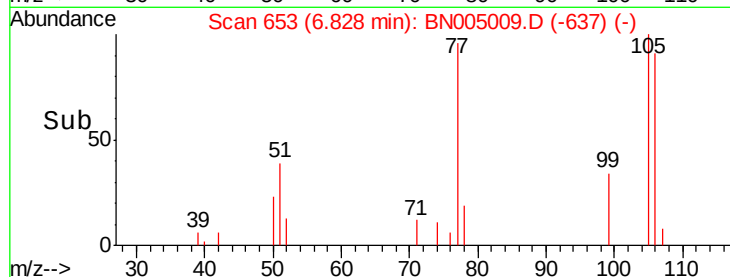
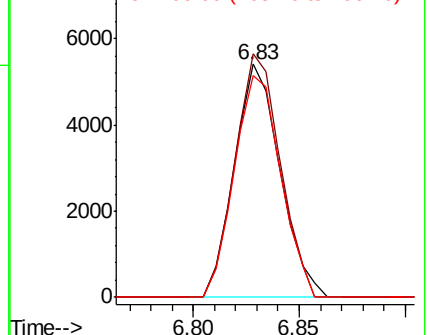
77 100

105 104.5 86.1 126.1

106 95.0 79.9 119.9



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



#10

Phenol

Concen: 39.007 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

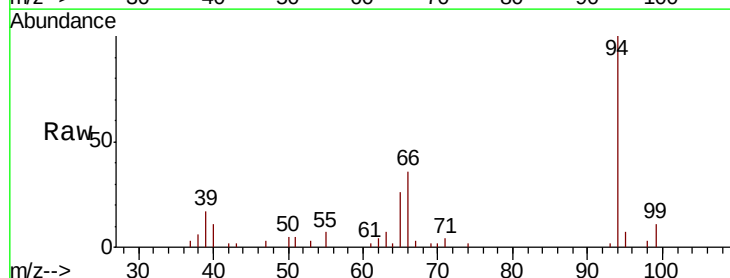
Tgt Ion: 94 Resp: 27676

Ion Ratio Lower Upper

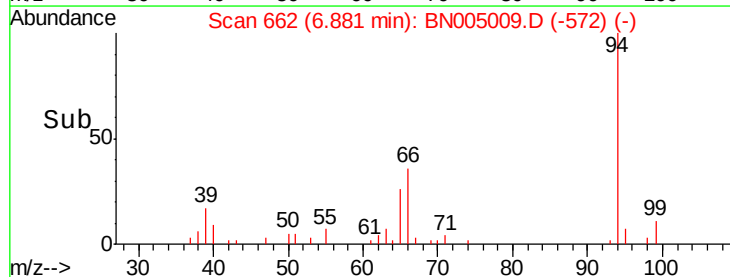
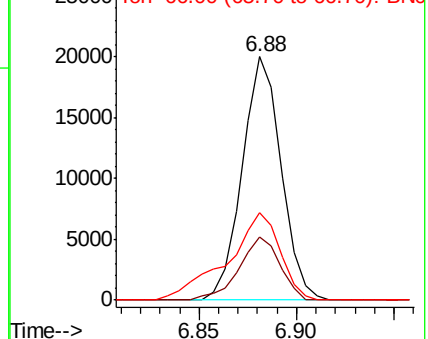
94 100

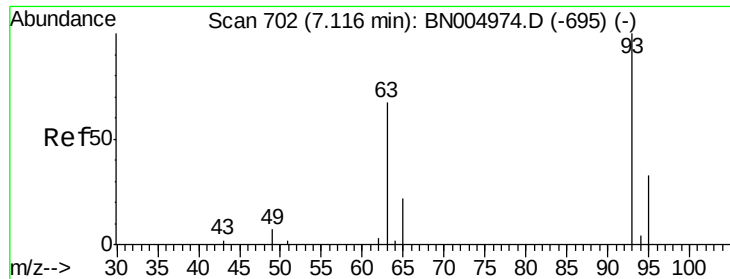
65 25.8 5.7 45.7

66 35.8 14.8 54.8



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

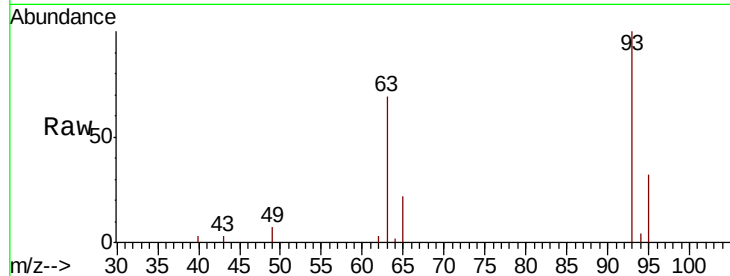




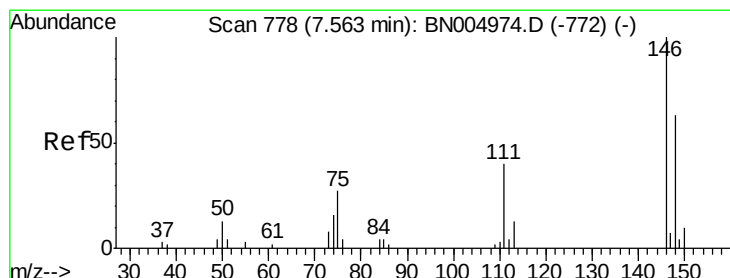
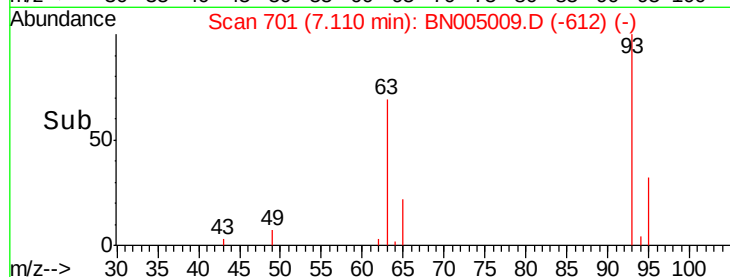
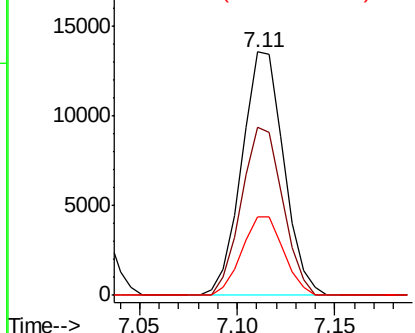
#11
bis(2-Chloroethyl)ether
Concen: 36.873 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion: 93 Resp: 20231
Ion Ratio Lower Upper
93 100
63 69.3 47.0 87.0
95 32.2 12.7 52.7

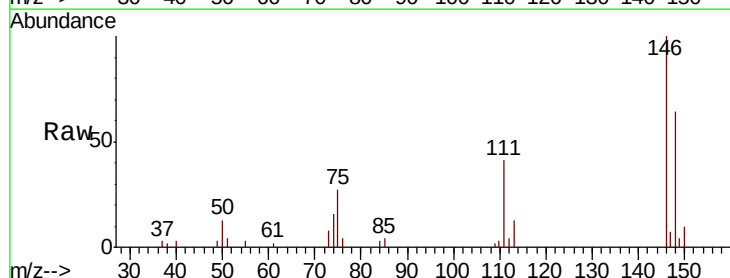


Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0

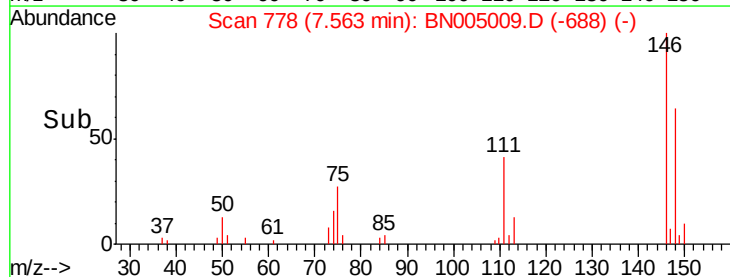
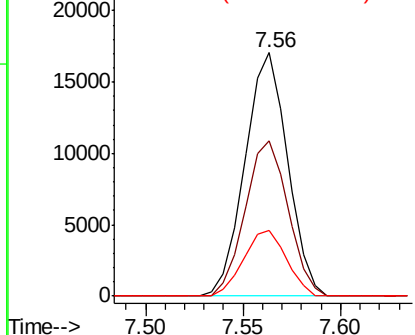


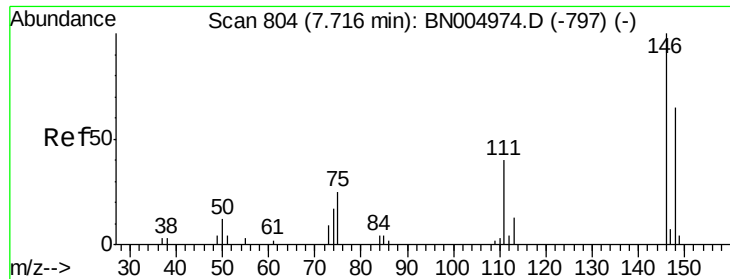
#12
1,3-Dichlorobenzene
Concen: 37.449 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion: 146 Resp: 25857
Ion Ratio Lower Upper
146 100
148 63.6 52.0 78.0
75 27.0 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BN0

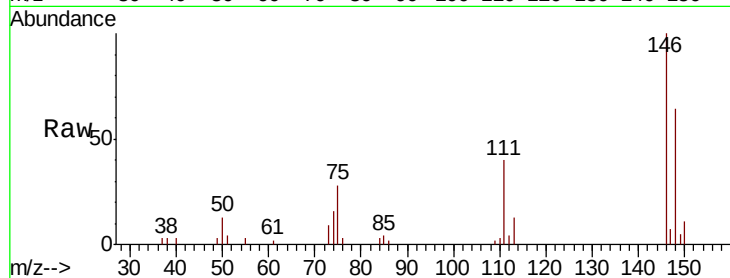




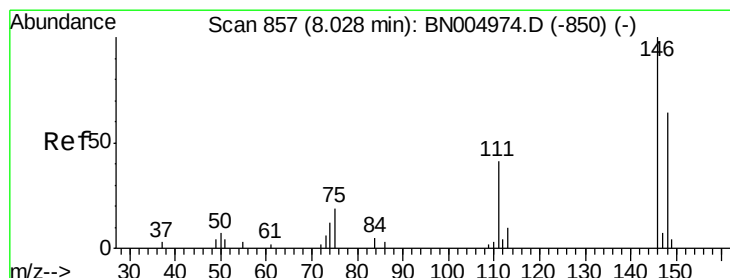
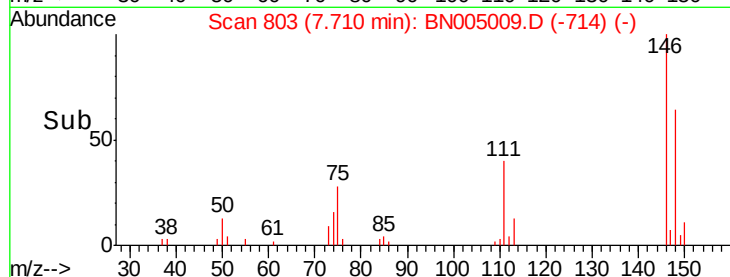
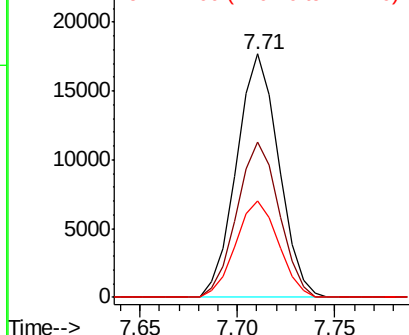
#13
 1,4-Dichlorobenzene
 Concen: 37.865 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion:146 Resp: 26464
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.2
 111 39.8 32.6 49.0

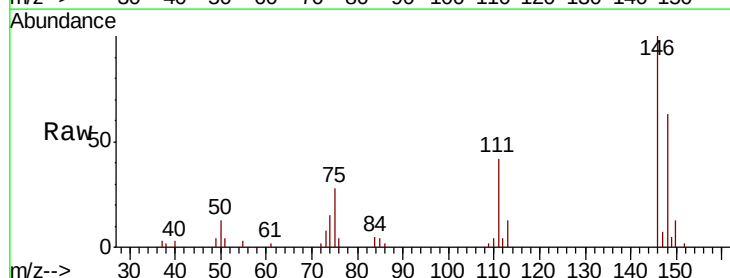


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

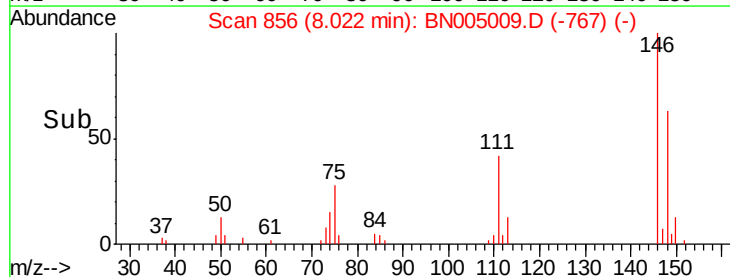
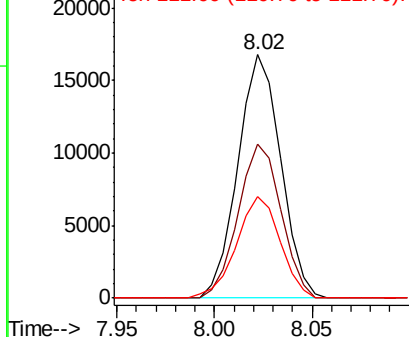


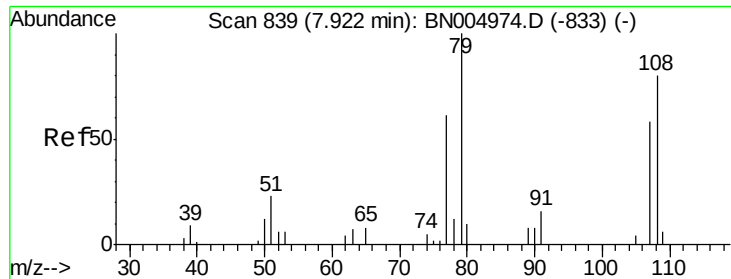
#14
 1,2-Dichlorobenzene
 Concen: 38.171 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion:146 Resp: 25531
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 111 41.5 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: 36.230 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

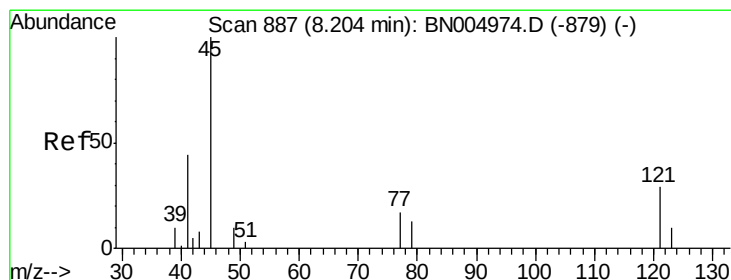
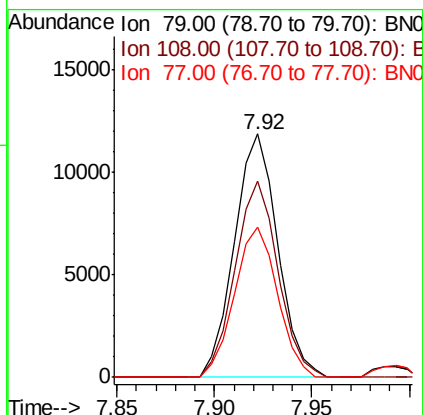
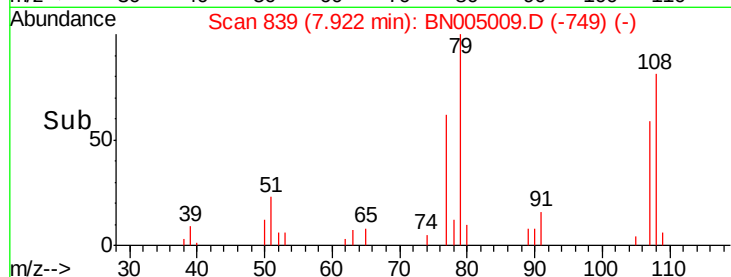
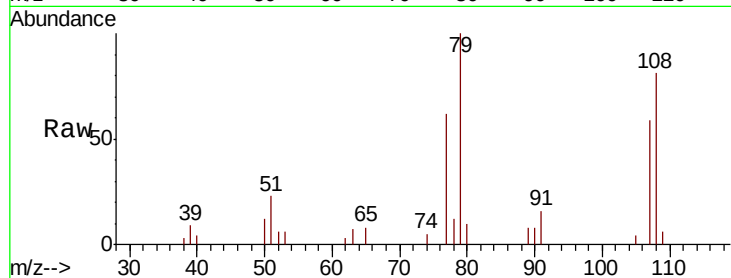
Tgt Ion: 79 Resp: 18251

Ion Ratio Lower Upper

79 100

108 80.6 64.0 96.0

77 61.5 48.8 73.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.316 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

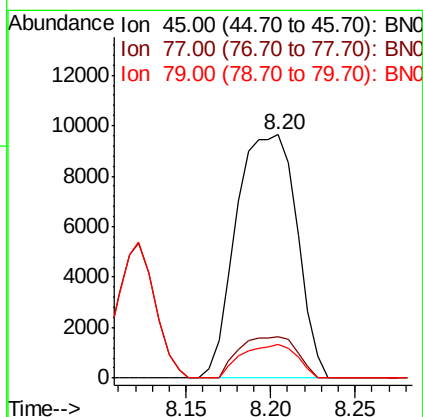
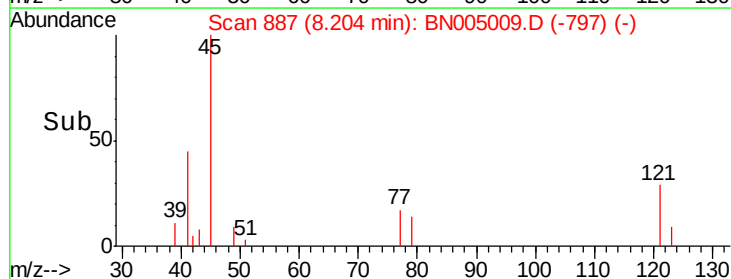
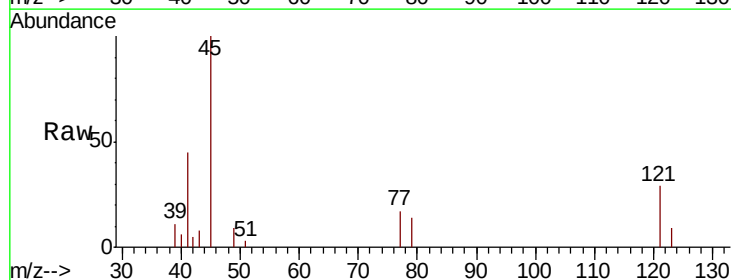
Tgt Ion: 45 Resp: 24040

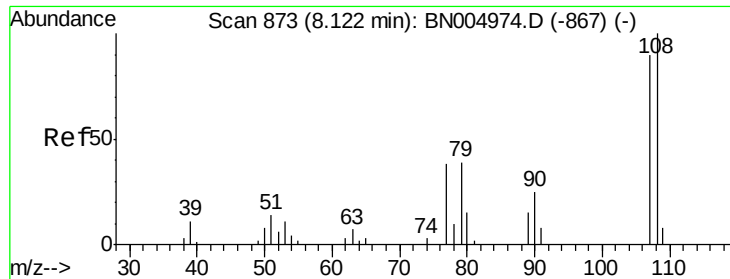
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.9

79 13.8 0.0 33.3

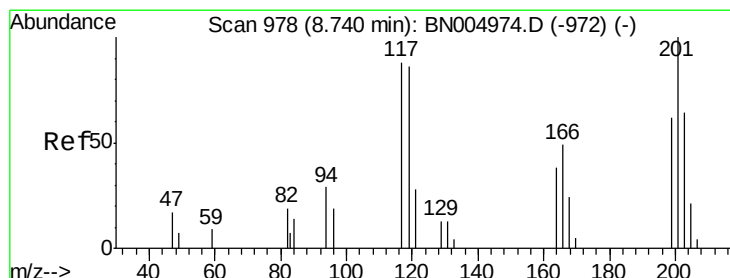
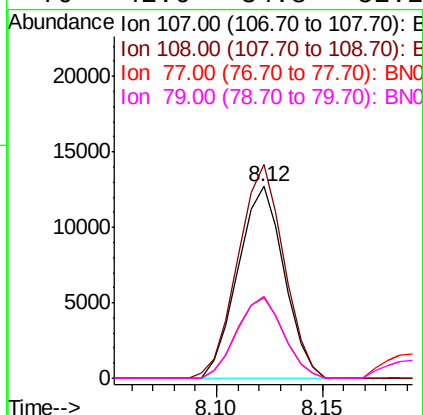
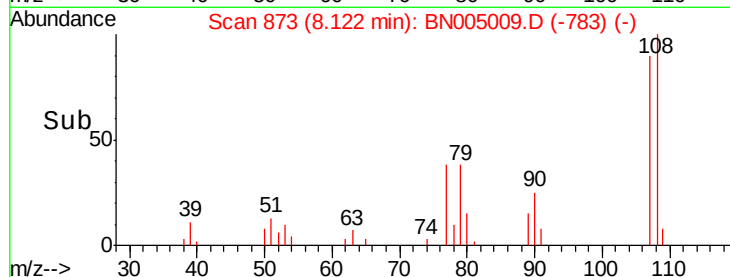
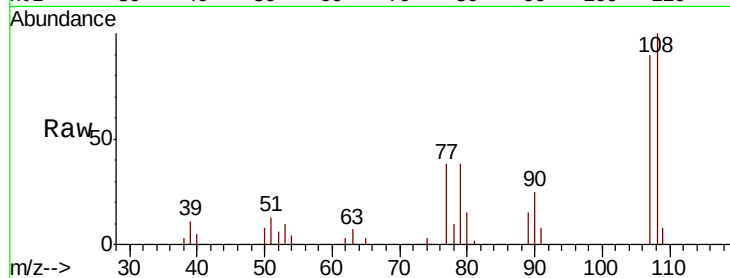




#17
2-Methylphenol
Concen: 38.884 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

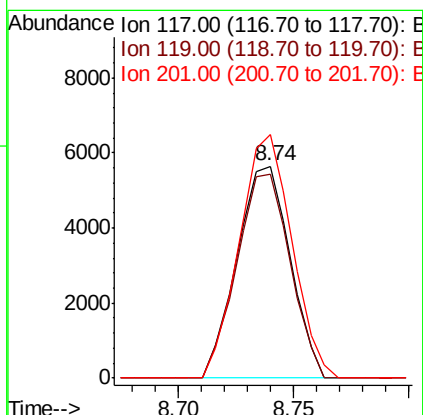
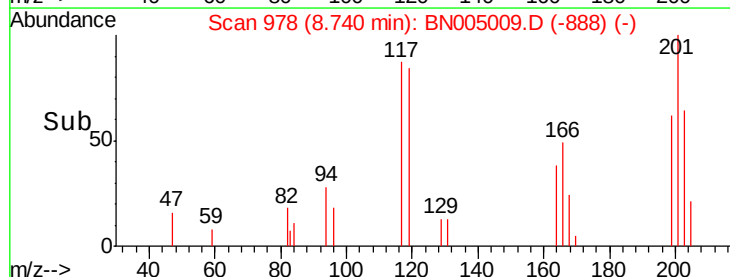
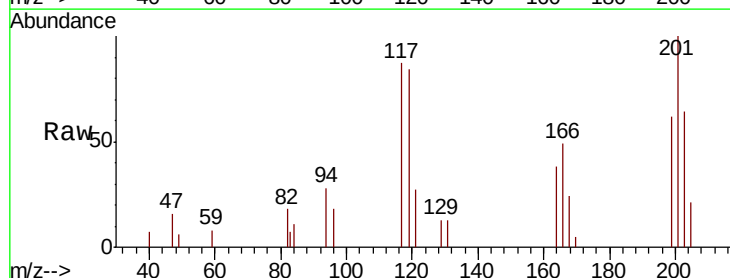
Instrument :
BNA_N
ClientSampleId :
PB118303BS

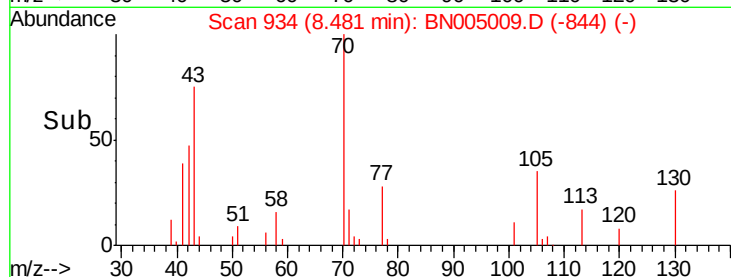
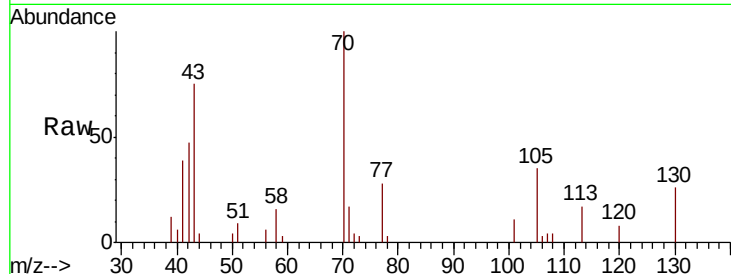
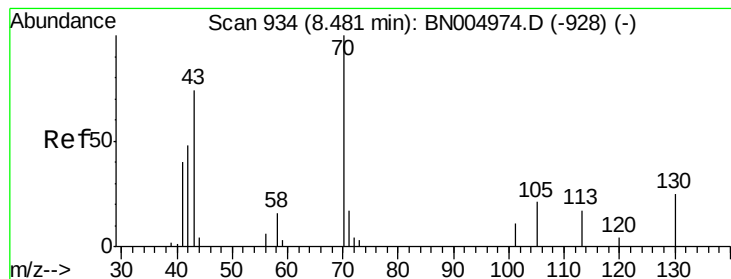
Tgt Ion:107 Resp: 19233
Ion Ratio Lower Upper
107 100
108 111.4 88.8 133.2
77 42.1 34.2 51.2
79 42.6 34.8 52.2



#18
Hexachloroethane
Concen: 36.444 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:117 Resp: 9028
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3
201 114.9 90.5 135.7





#19

n-Nitroso-di-n-propylamine

Concen: 35.315 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

Tgt Ion: 70 Resp: 15329

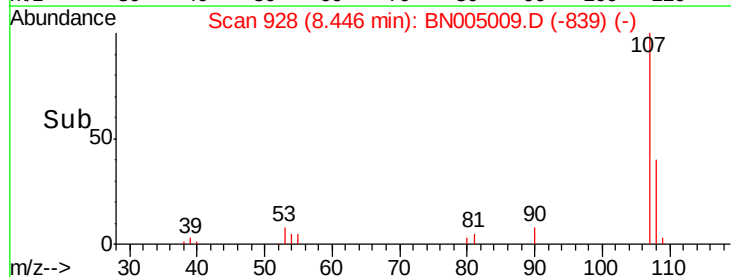
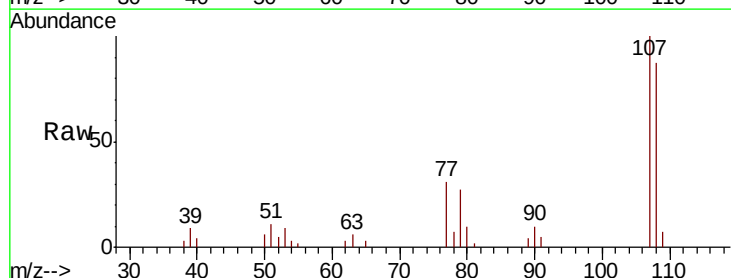
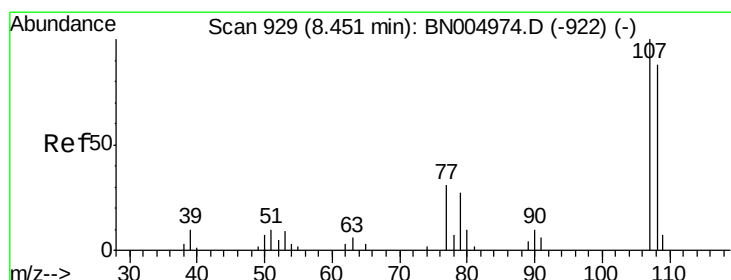
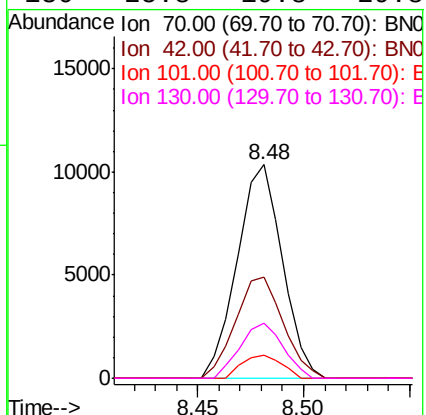
Ion Ratio Lower Upper

70 100

42 47.3 38.4 57.6

101 10.7 8.8 13.2

130 25.8 19.8 29.8



#20

3+4-Methylphenols

Concen: 38.351 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Tgt Ion: 107 Resp: 25756

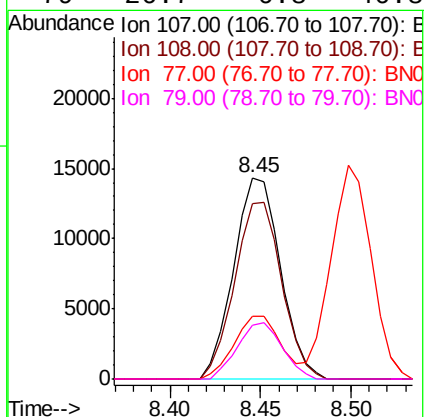
Ion Ratio Lower Upper

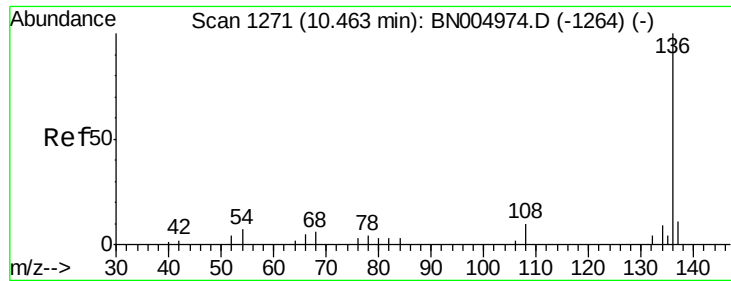
107 100

108 87.3 67.9 107.9

77 31.3 10.6 50.6

79 26.7 6.8 46.8

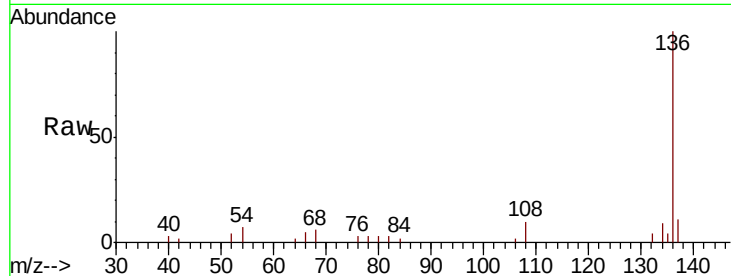




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion:	136	Resp:	34870
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	5.3	7.9
68	5.6	4.6	6.8



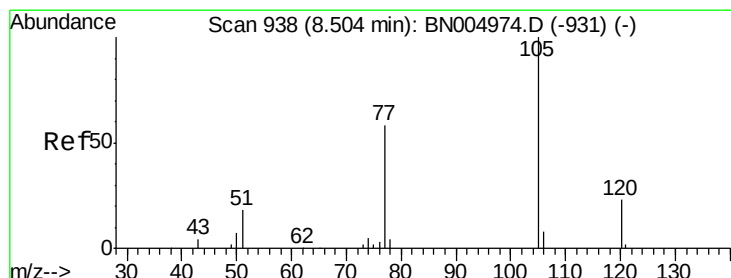
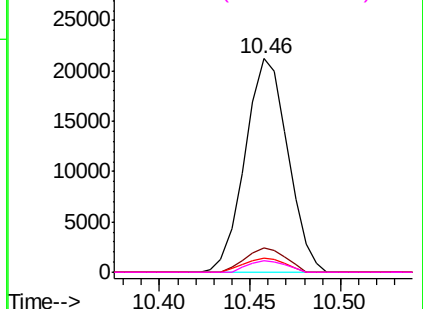
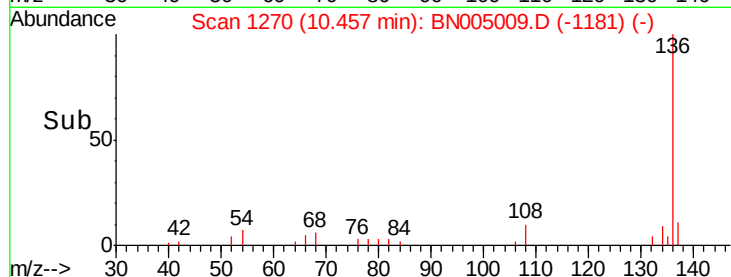
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

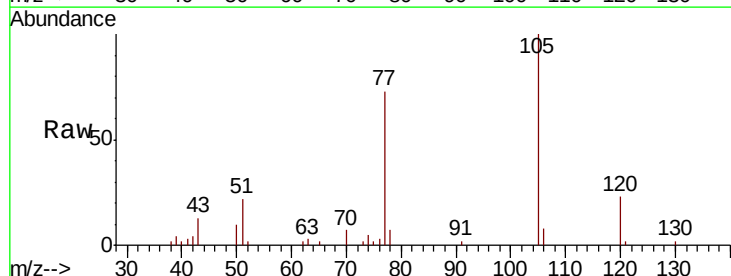
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22
Acetophenone
Concen: 41.014 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:	105	Resp:	32647
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	21.9	17.8	26.8
120	23.2	18.6	27.8



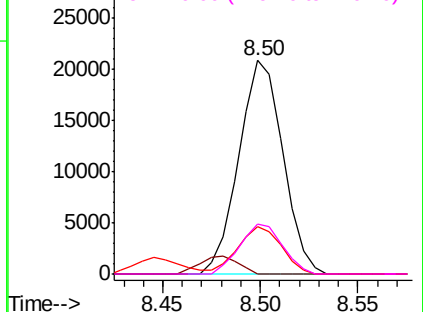
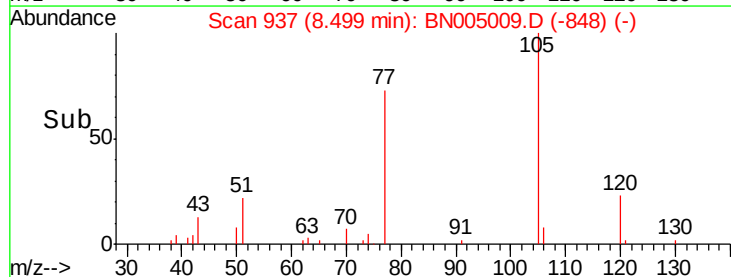
Abundance

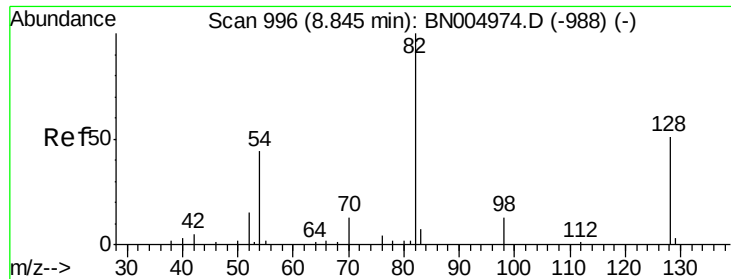
Ion 105.00 (104.70 to 105.70): E

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

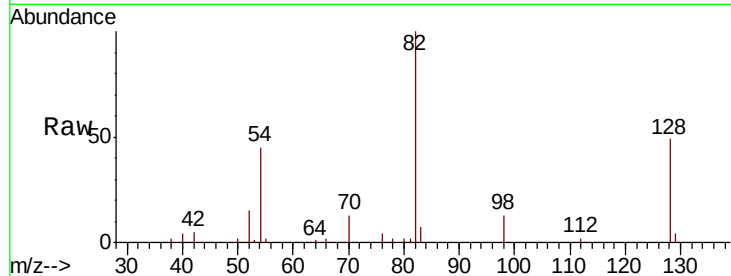




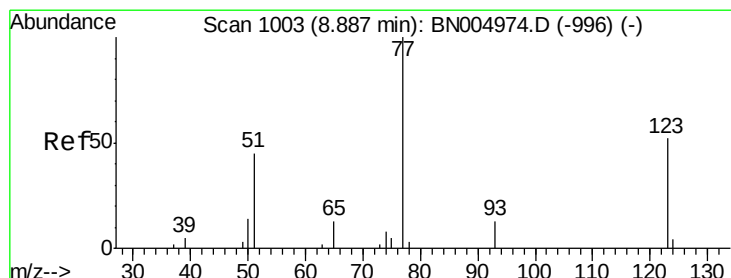
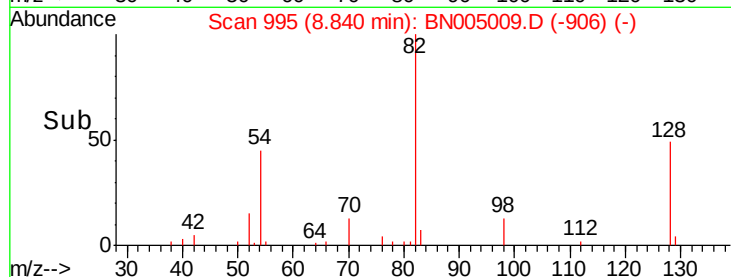
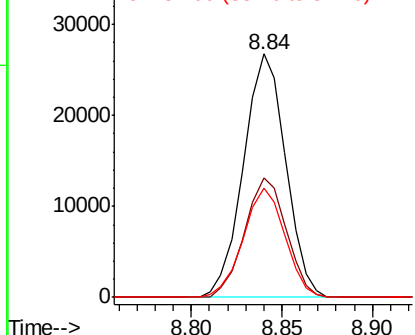
#23
Nitrobenzene-d5
Concen: 75.044 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion: 82 Resp: 43259
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 44.8 35.2 52.8

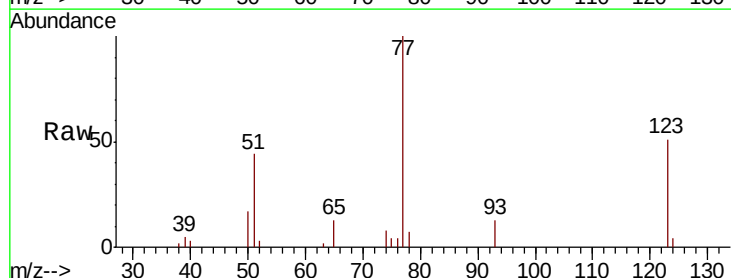


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

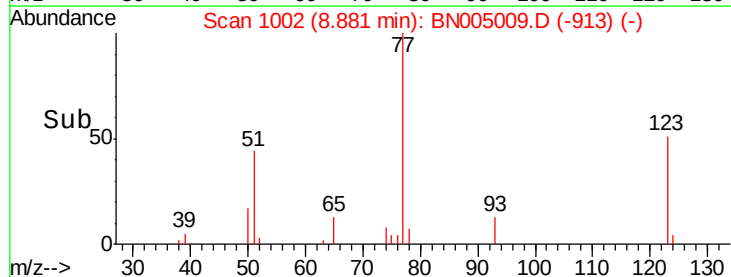
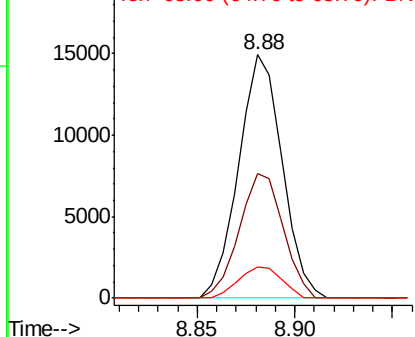


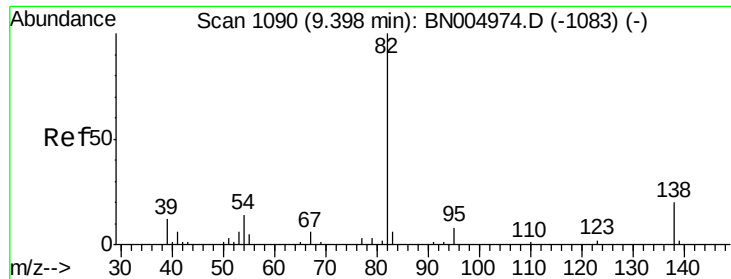
#24
Nitrobenzene
Concen: 39.552 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion: 77 Resp: 23074
Ion Ratio Lower Upper
77 100
123 50.9 41.3 61.9
65 12.9 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 37.661 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

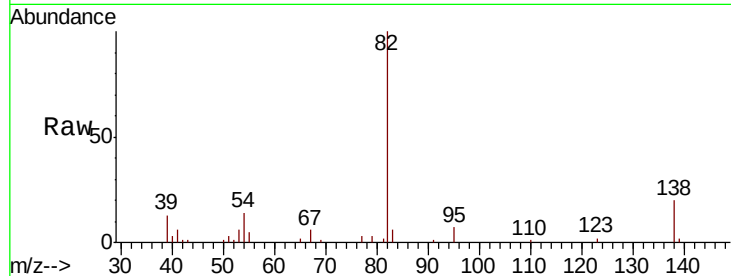
Tgt Ion: 82 Resp: 42292

Ion Ratio Lower Upper

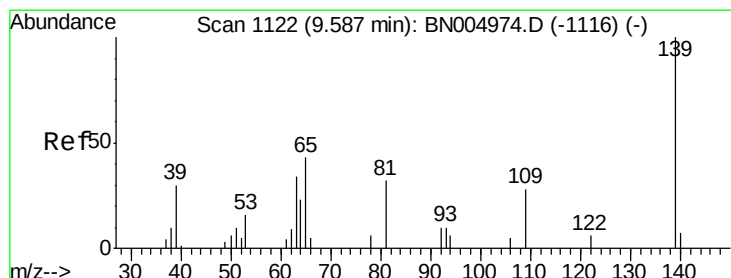
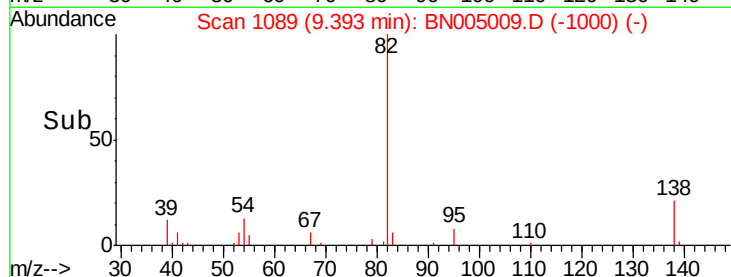
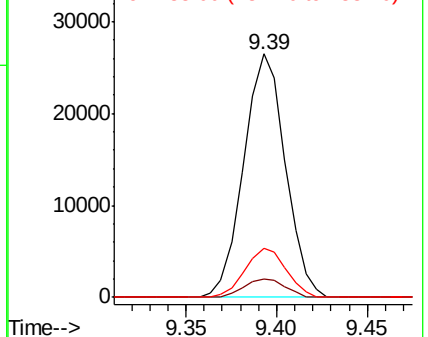
82 100

95 7.5 6.1 9.1

138 20.0 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 37.864 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

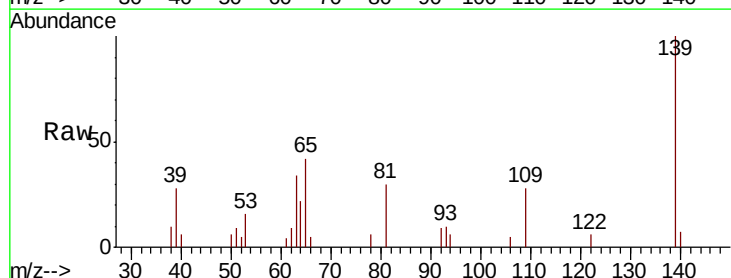
Tgt Ion: 139 Resp: 12826

Ion Ratio Lower Upper

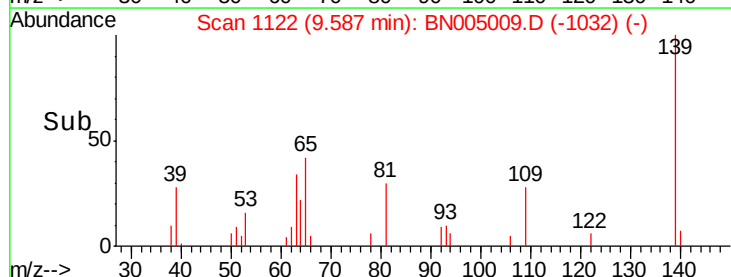
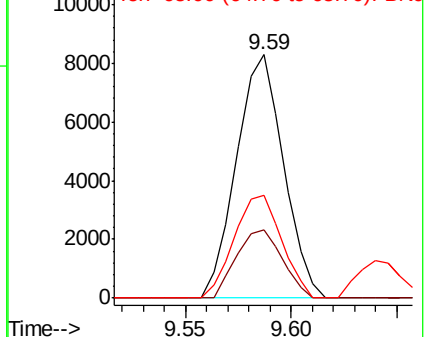
139 100

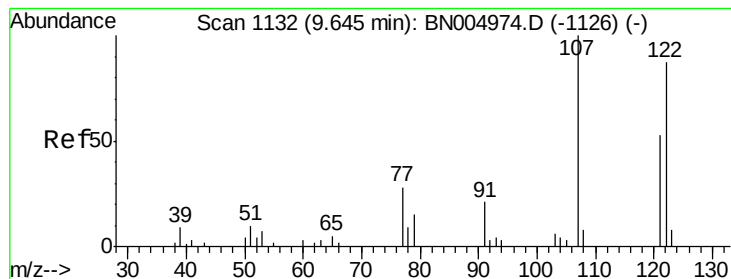
109 27.9 22.5 33.7

65 42.2 34.2 51.4



Abundance Ion 139.00 (138.70 to 139.70): BNC
Ion 109.00 (108.70 to 109.70): BNC
Ion 65.00 (64.70 to 65.70): BNC





#27

2,4-Dimethylphenol

Concen: 46.225 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

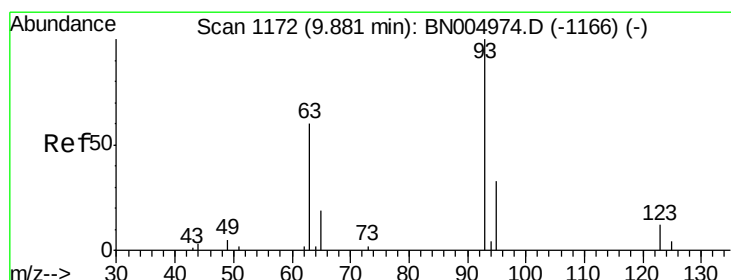
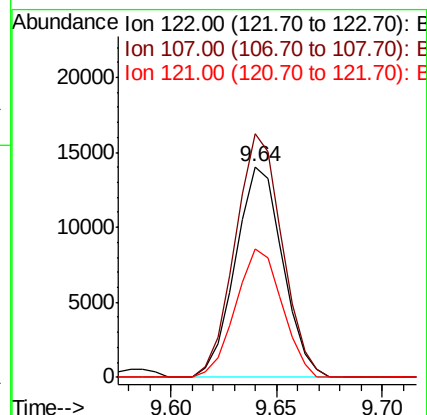
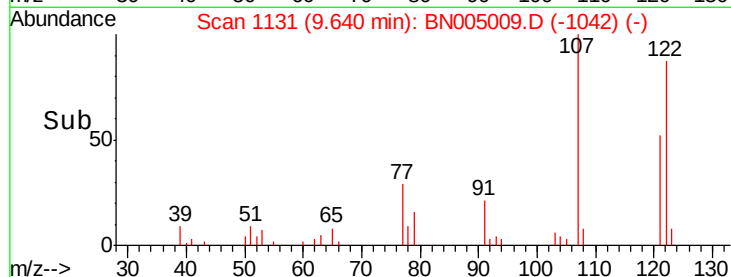
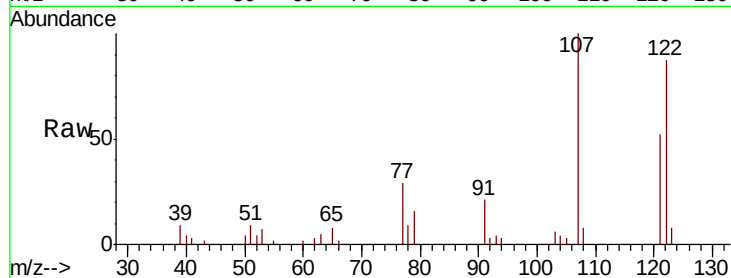
Tgt Ion: 122 Resp: 21800

Ion Ratio Lower Upper

122 100

107 115.5 91.6 137.4

121 60.6 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.047 ng

RT: 9.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

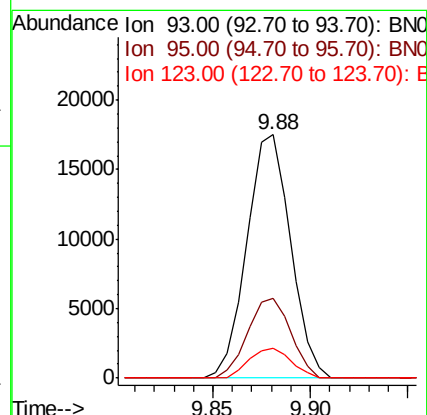
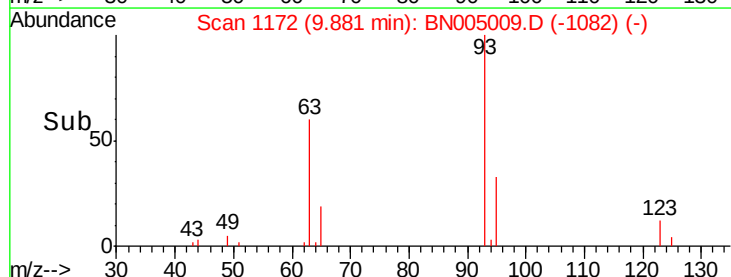
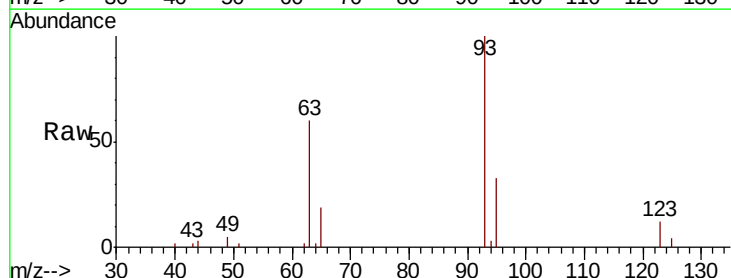
Tgt Ion: 93 Resp: 27168

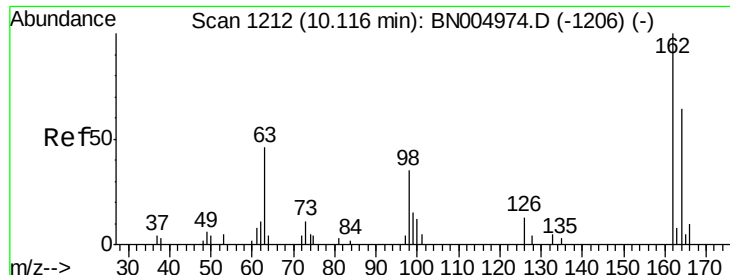
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.3 9.8 14.8

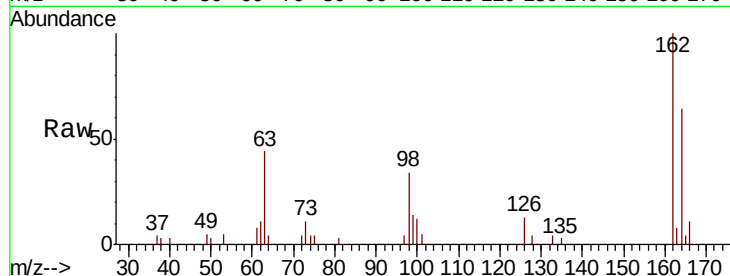




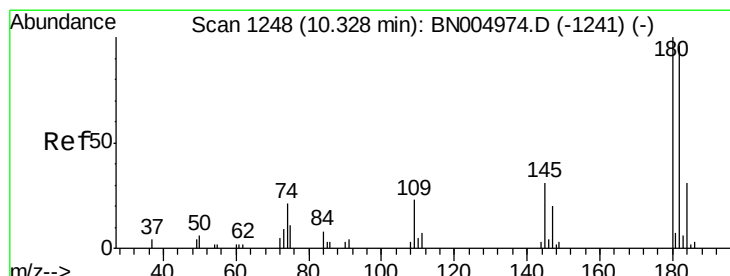
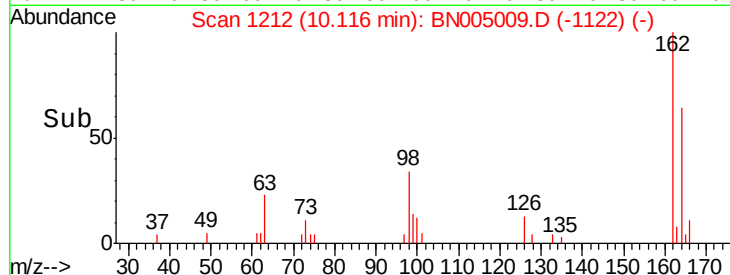
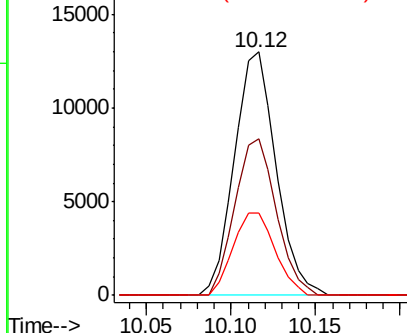
#29
 2,4-Dichlorophenol
 Concen: 41.351 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	34.0	15.3	55.3

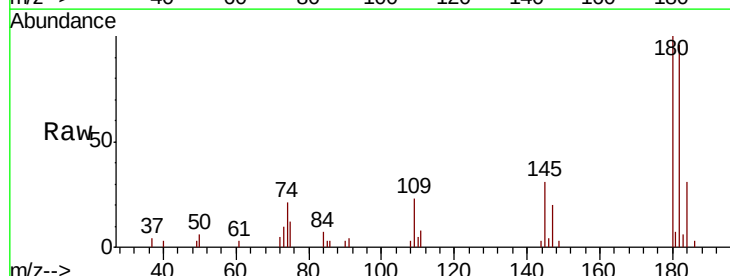


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

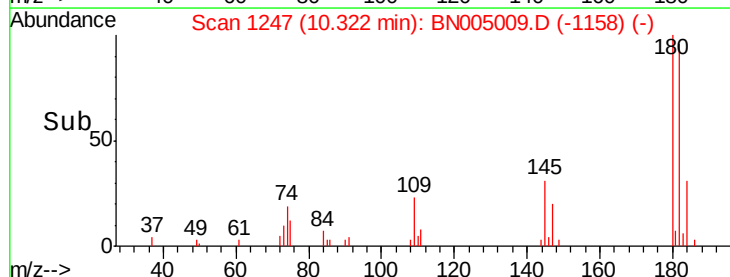
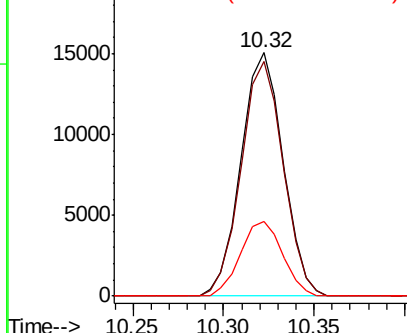


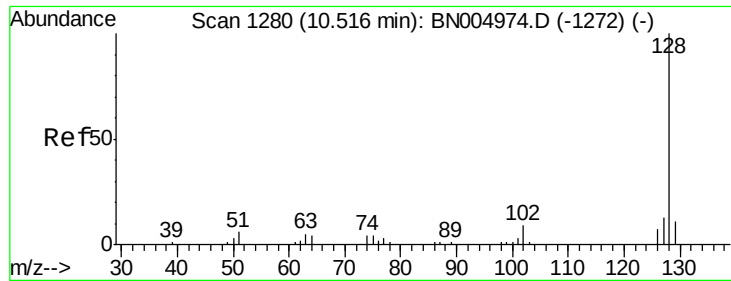
#30
 1,2,4-Trichlorobenzene
 Concen: 40.789 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	114.8
145	30.5	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

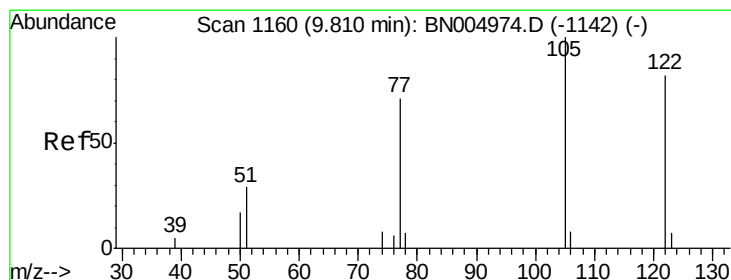
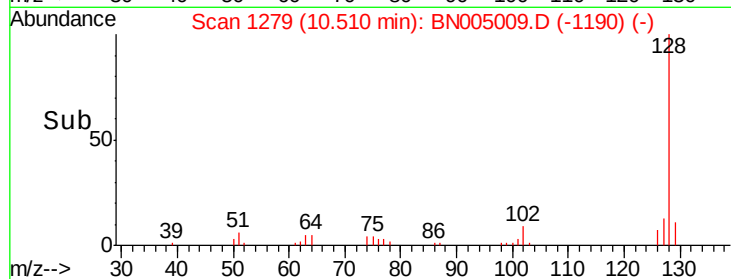
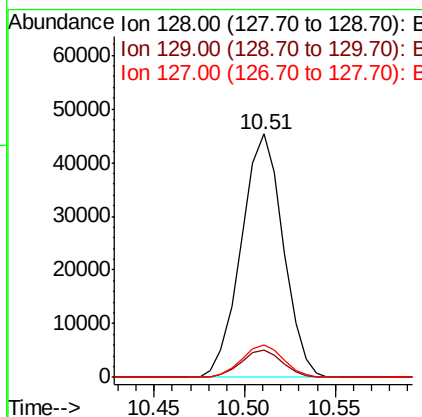
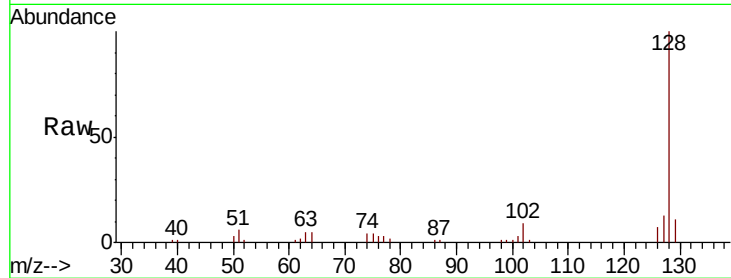




#31
Naphthalene
Concen: 40.100 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

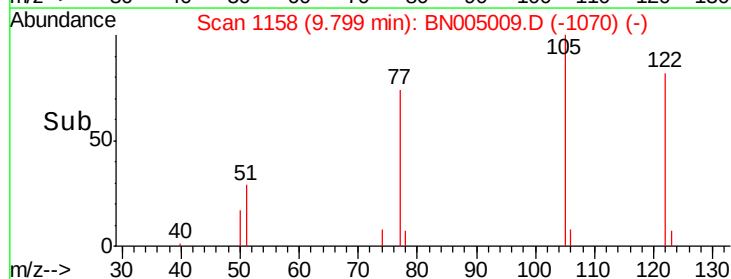
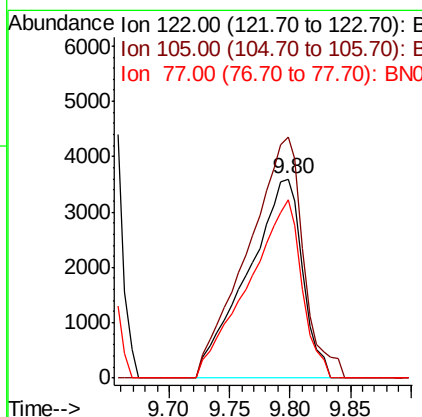
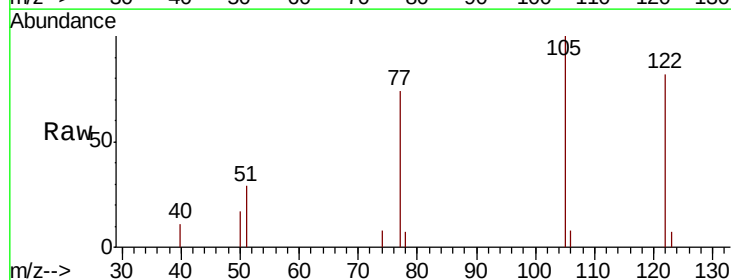
Instrument :
BNA_N
ClientSampleId :
PB118303BS

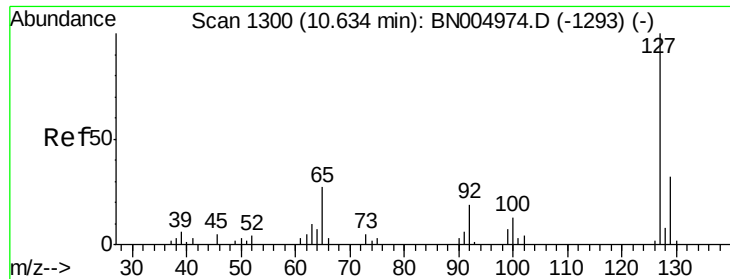
Tgt Ion:128 Resp: 72953
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 31.908 ng
RT: 9.80 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:122 Resp: 11316
Ion Ratio Lower Upper
122 100
105 121.3 102.4 142.4
77 89.4 67.1 107.1

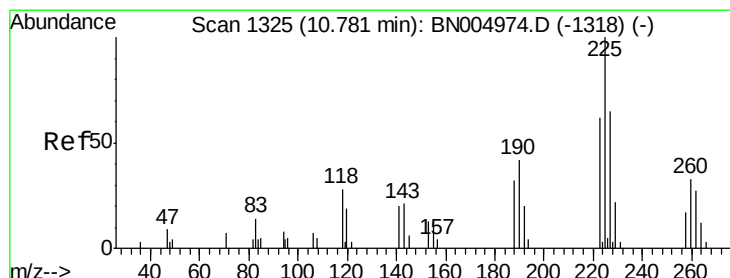
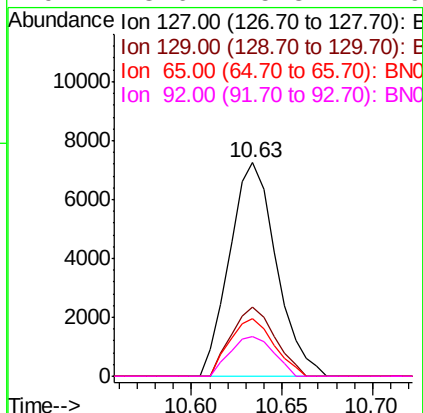
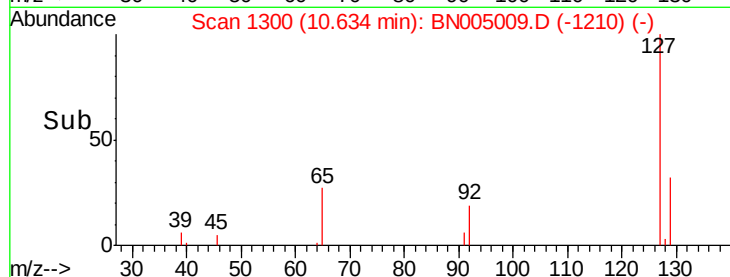
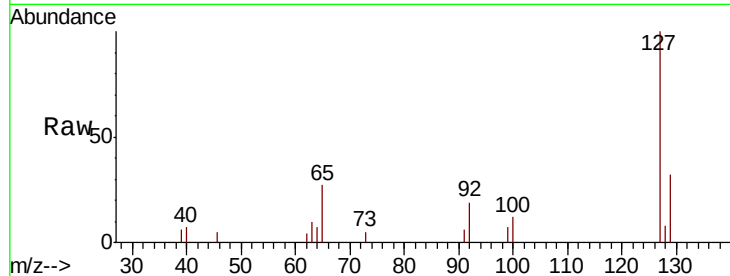




#33
4-Chloroaniline
Concen: 17.590 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

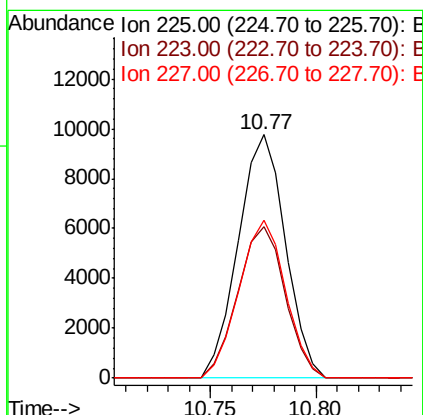
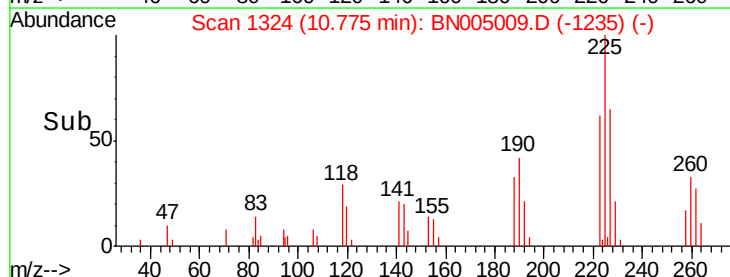
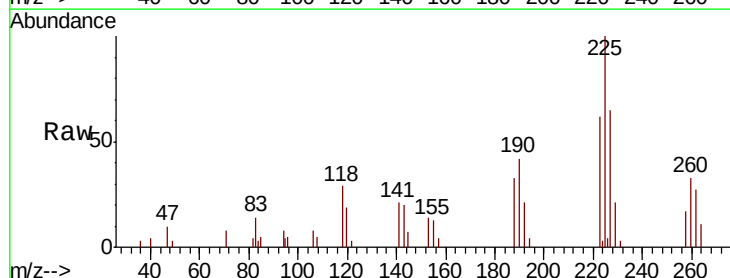
Instrument :
BNA_N
ClientSampleId :
PB118303BS

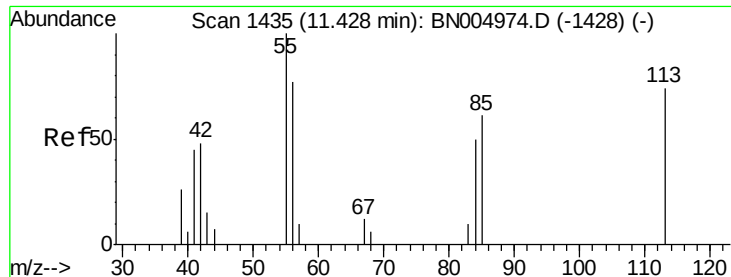
Tgt Ion:	127	Resp:	13020
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.9	21.4	32.0
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.070 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:	225	Resp:	15094
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	65.0	52.0	78.0





#35

Caprolactam

Concen: 33.959 ng

RT: 11.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

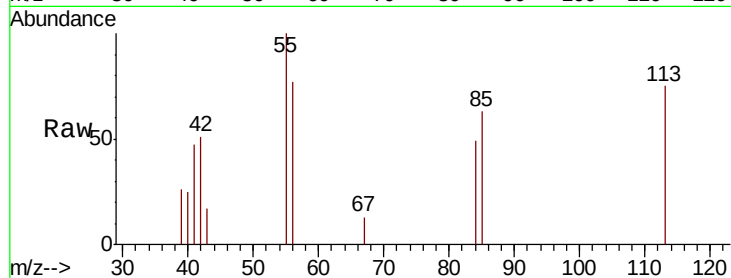
Tgt Ion:113 Resp: 6027

Ion Ratio Lower Upper

113 100

55 134.2 115.8 155.8

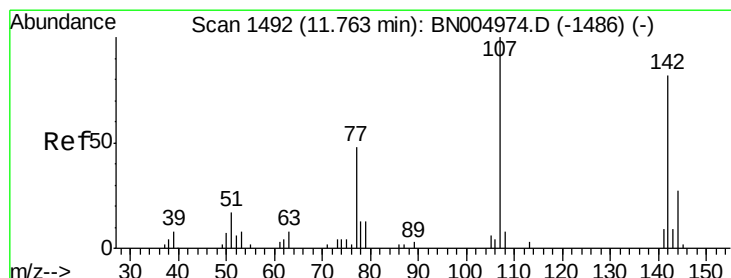
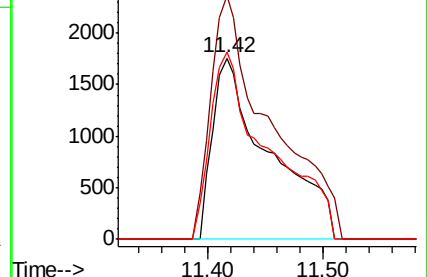
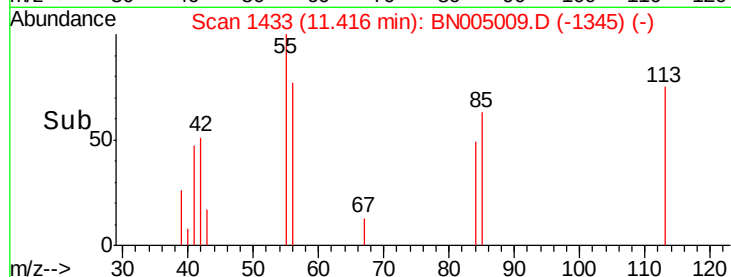
56 102.9 85.1 125.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 38.585 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

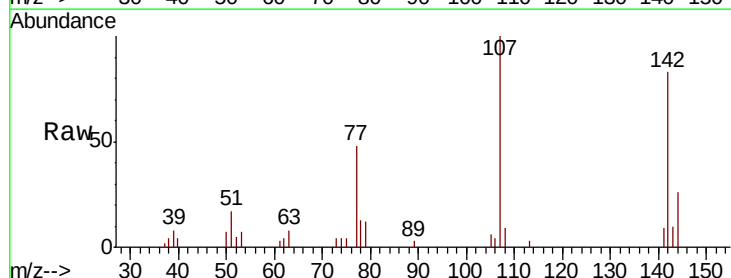
Tgt Ion:107 Resp: 22593

Ion Ratio Lower Upper

107 100

144 26.4 21.3 31.9

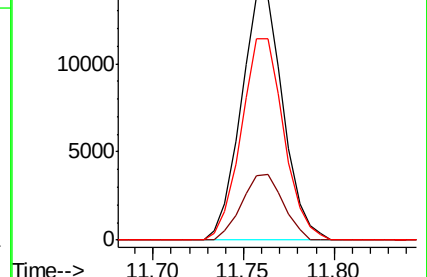
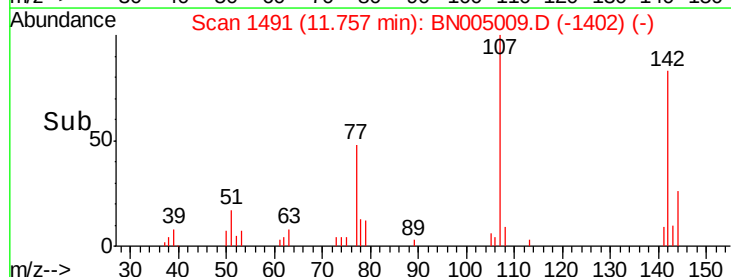
142 82.6 65.8 98.8

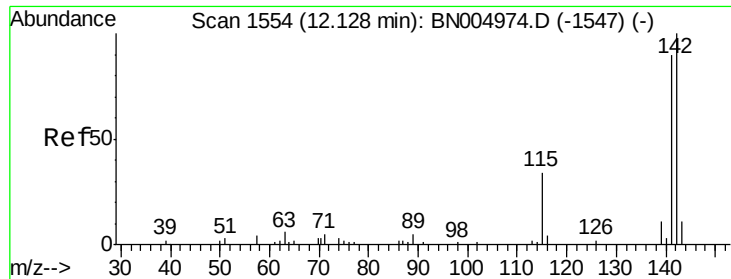


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.445 ng

RT: 12.13 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

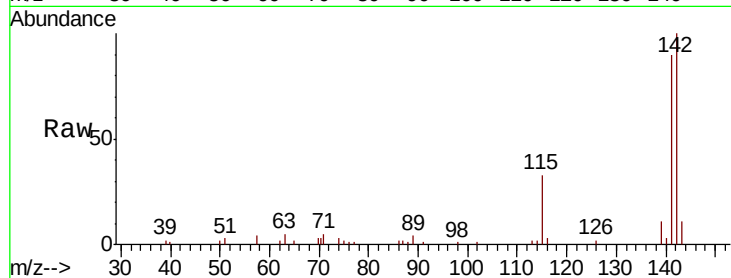
Tgt Ion:142 Resp: 51960

Ion Ratio Lower Upper

142 100

141 90.0 71.8 107.8

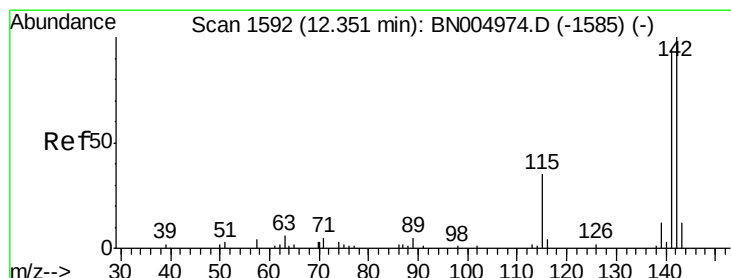
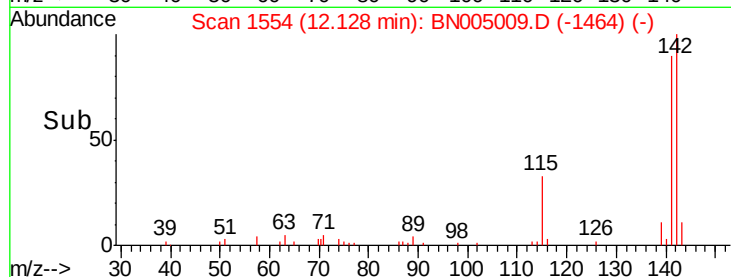
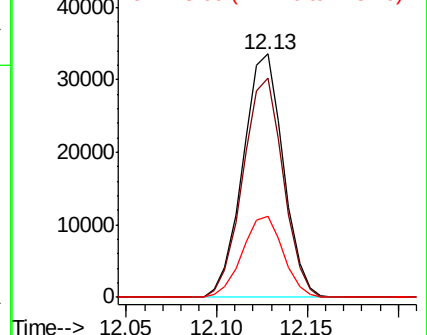
115 33.1 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.282 ng

RT: 12.35 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

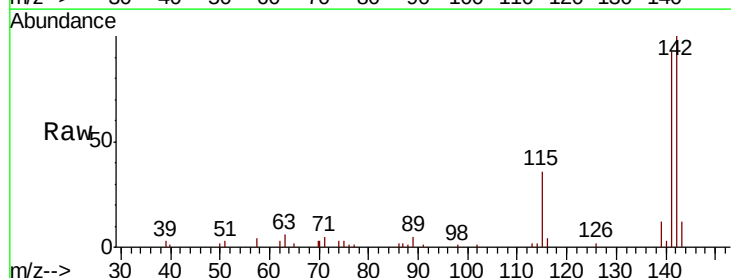
Tgt Ion:142 Resp: 49381

Ion Ratio Lower Upper

142 100

141 93.1 74.9 112.3

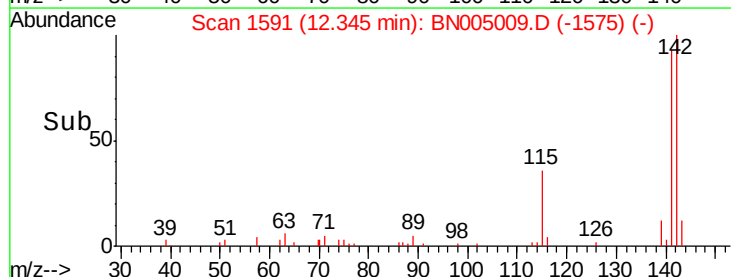
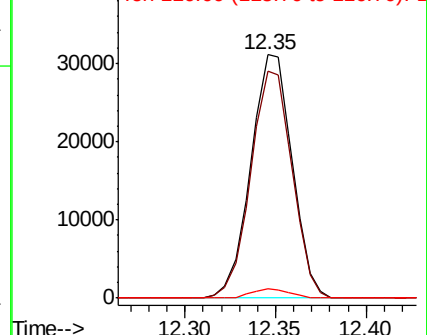
116 3.8 3.0 4.4

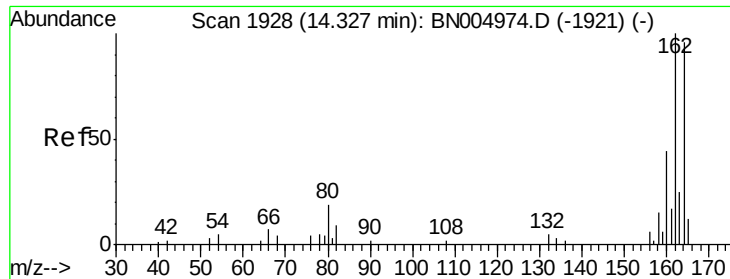


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

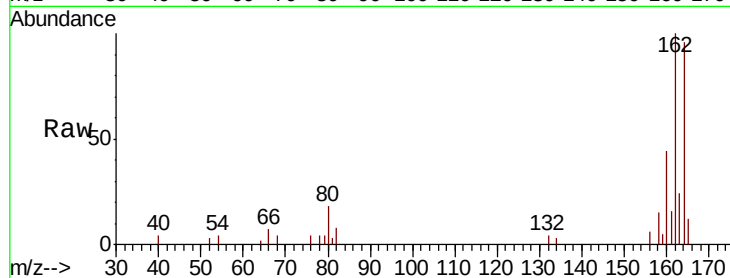
Tgt Ion:164 Resp: 19236

Ion Ratio Lower Upper

164 100

162 104.5 83.4 125.0

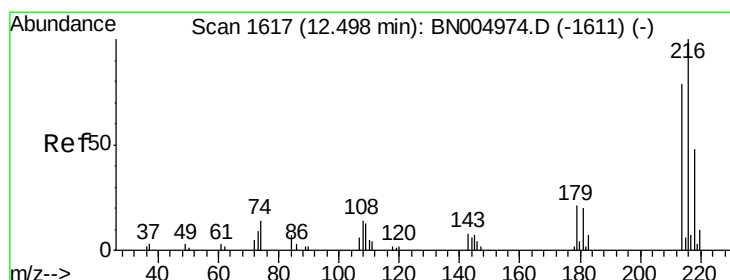
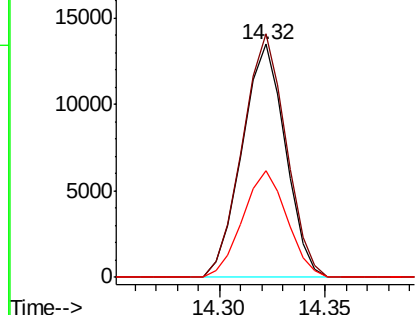
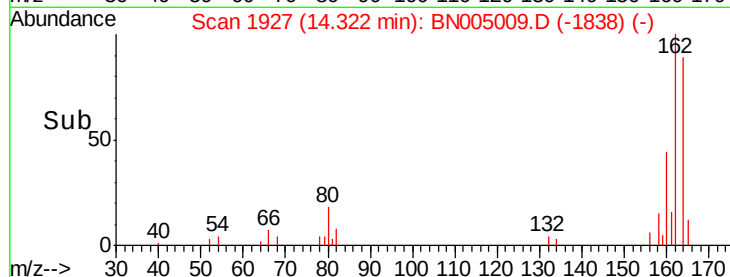
160 46.0 36.6 55.0



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: 40.765 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Tgt Ion:216 Resp: 27813

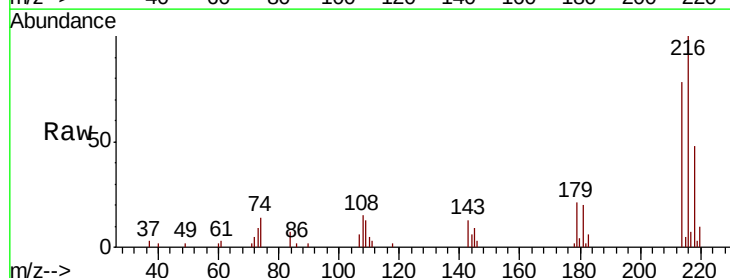
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.6 16.4 24.6

108 17.8 12.7 19.1

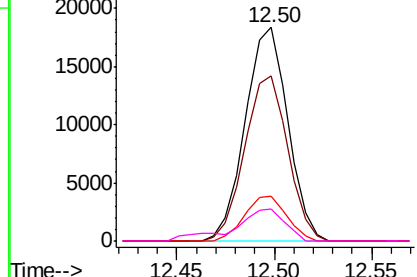
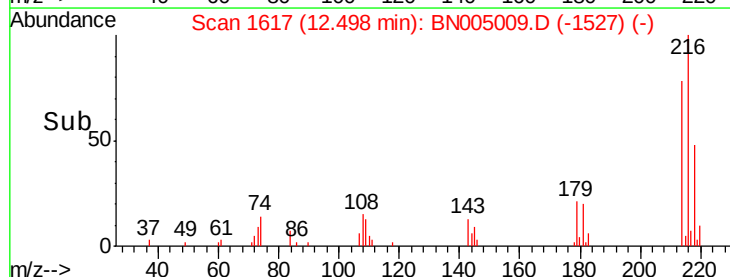


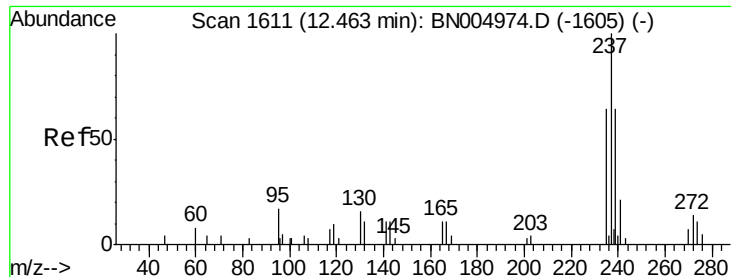
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.995 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

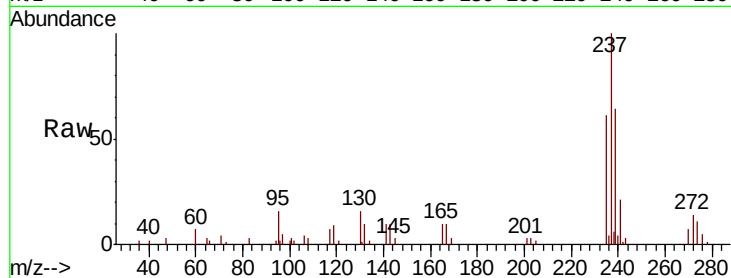
Tgt Ion: 237 Resp: 38248

Ion Ratio Lower Upper

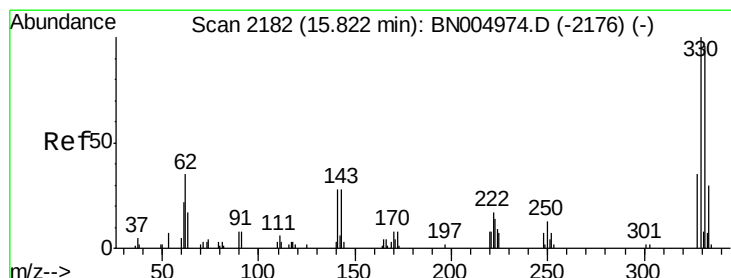
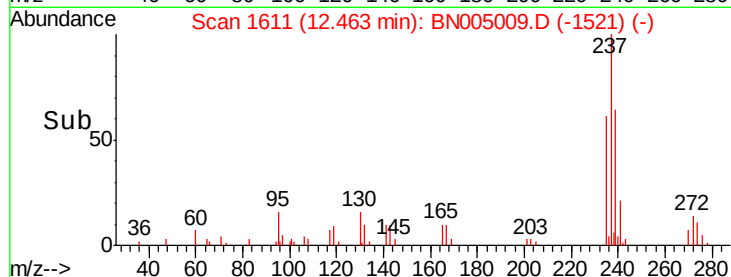
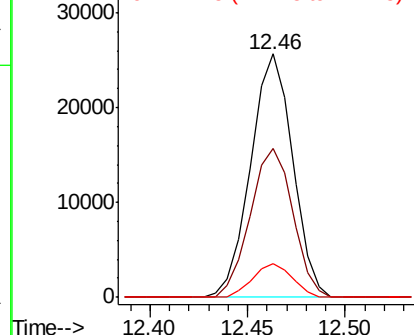
237 100

235 61.1 43.6 83.6

272 13.6 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: 124.516 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

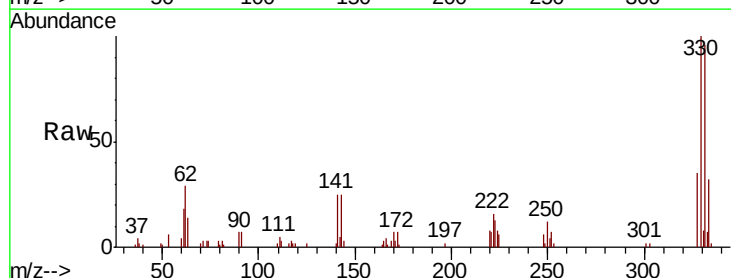
Tgt Ion: 330 Resp: 38630

Ion Ratio Lower Upper

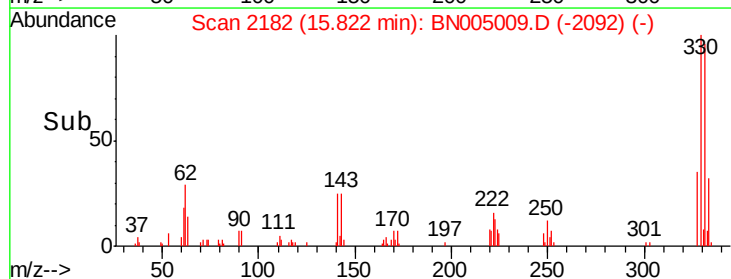
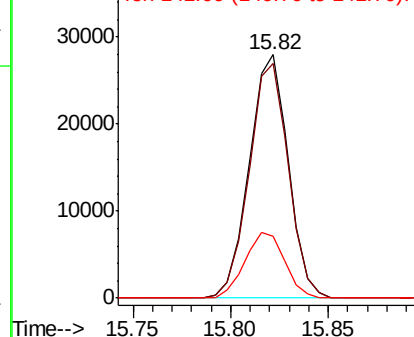
330 100

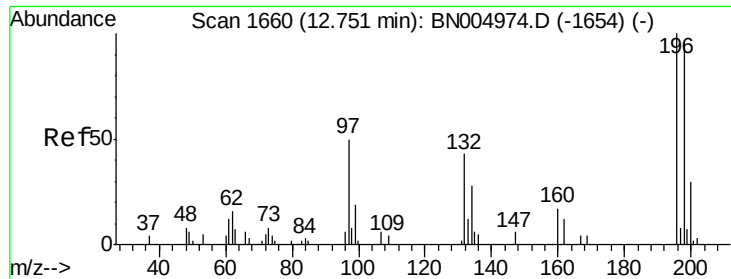
332 96.6 77.4 116.0

141 27.4 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

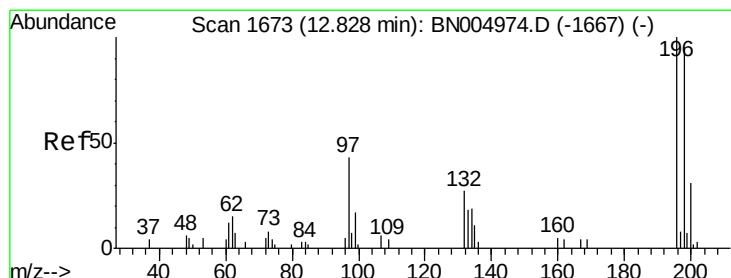
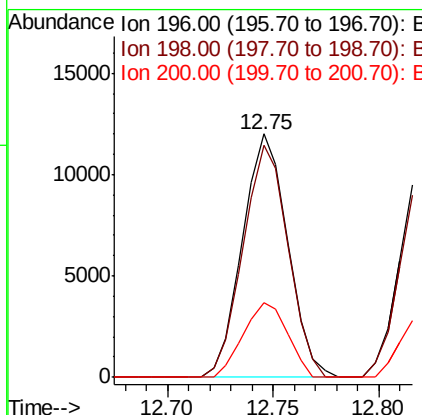
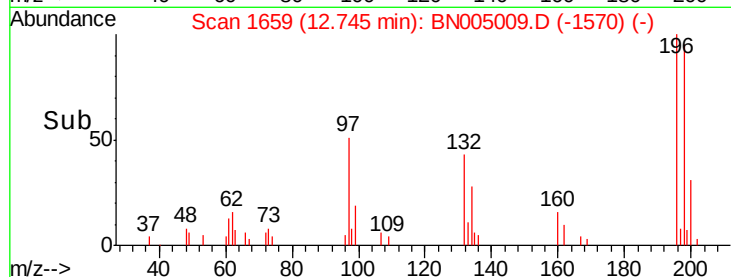
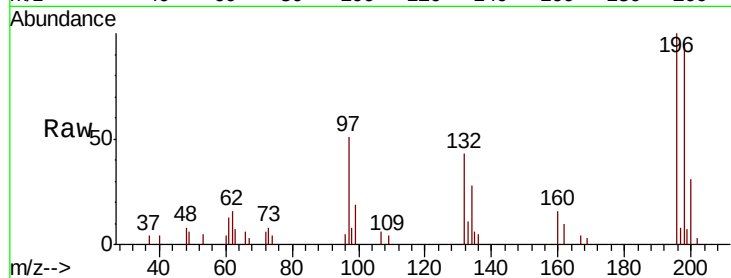




#43
 2,4,6-Trichlorophenol
 Concen: 42.156 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

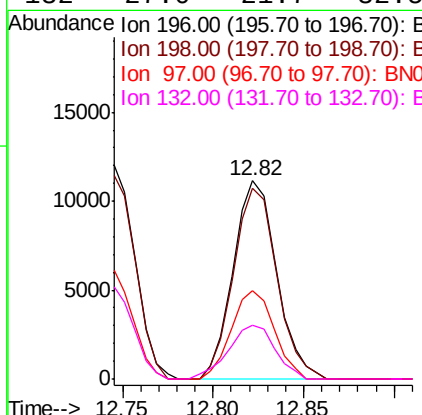
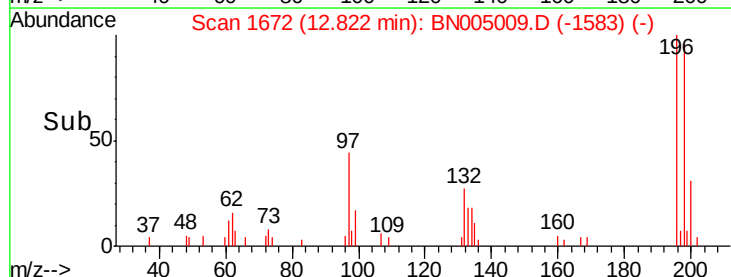
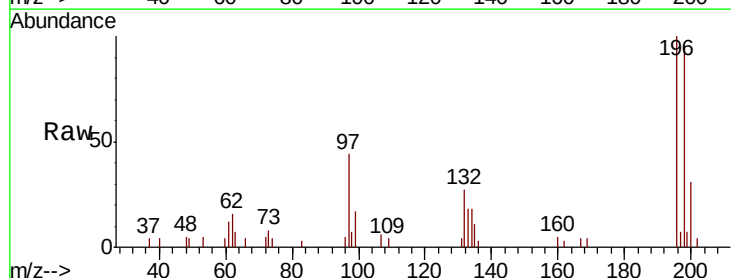
Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

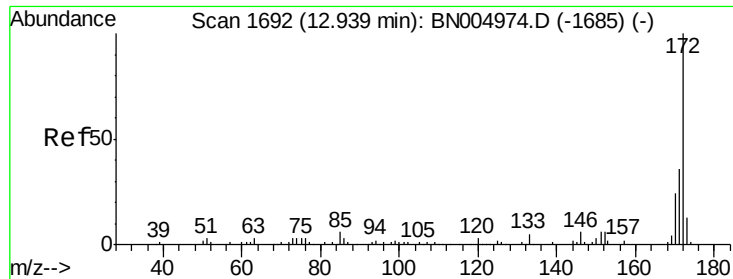
Tgt Ion:196 Resp: 17847
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.5 114.7
 200 30.5 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.437 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion:196 Resp: 18650
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.1 114.1
 97 44.4 34.8 52.2
 132 27.0 21.7 32.5

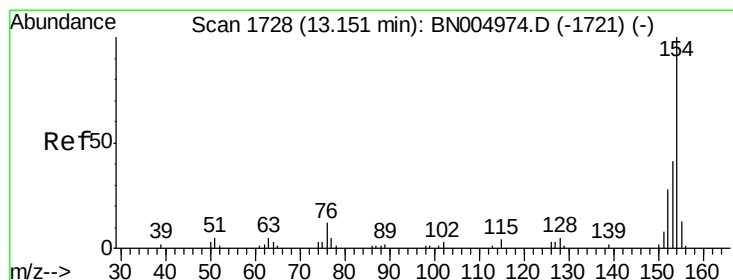
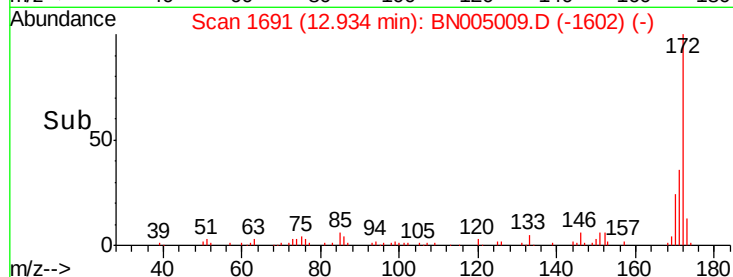
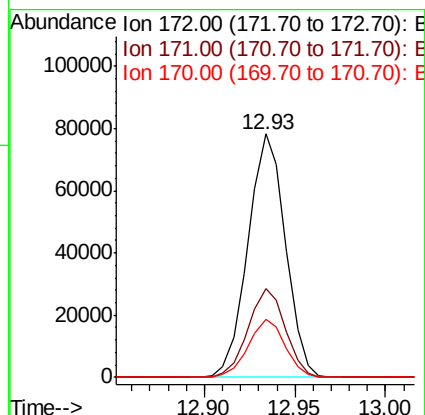
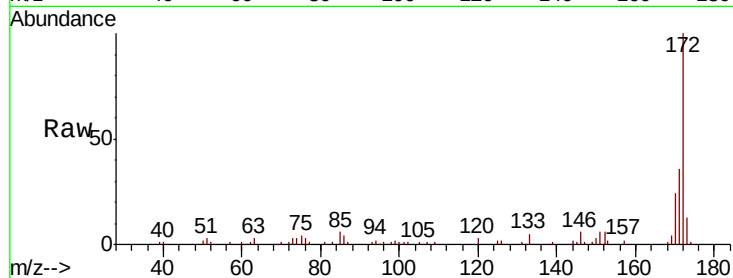




#45
 2-Fluorobiphenyl
 Concen: 77.296 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

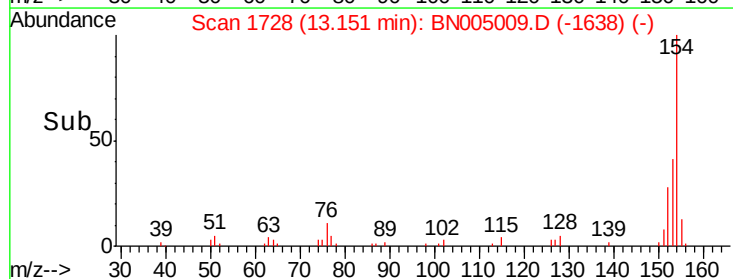
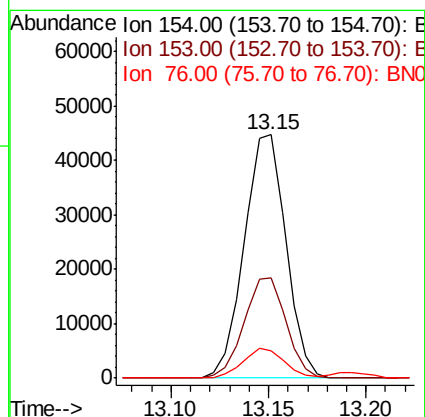
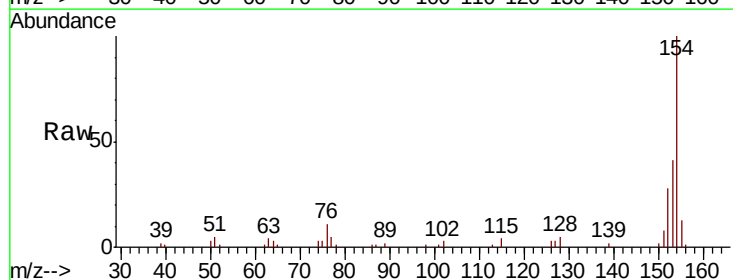
Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

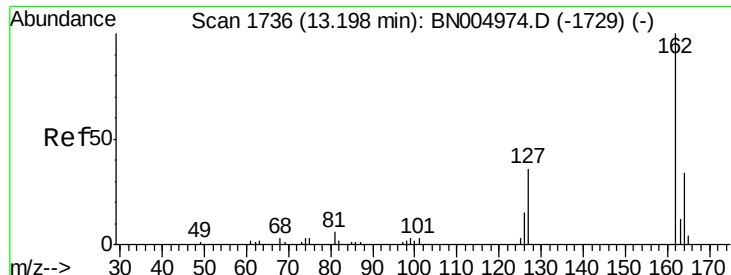
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.7	18.9	28.3



#46
 1,1'-Biphenyl
 Concen: 40.733 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	11.2	0.0	32.2





#47

2-Chloronaphthalene

Concen: 41.022 ng

RT: 13.19 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

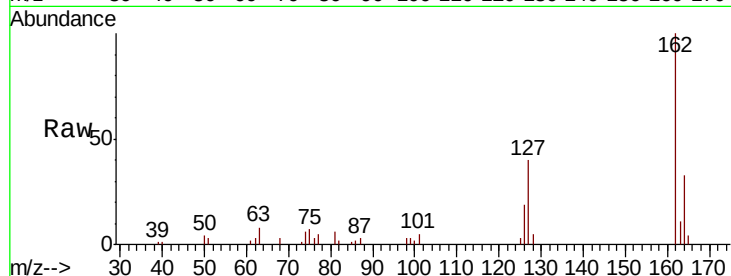
Tgt Ion: 162 Resp: 51251

Ion Ratio Lower Upper

162 100

127 40.0 32.4 48.6

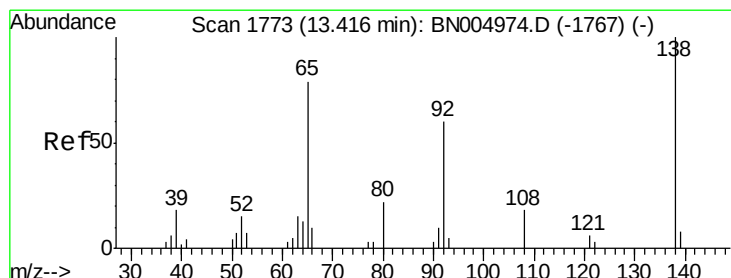
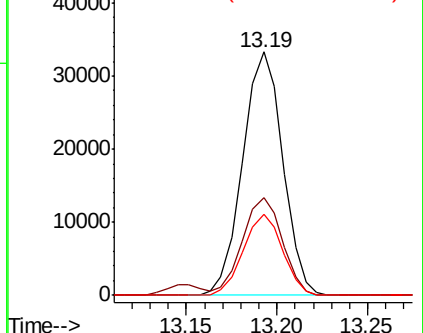
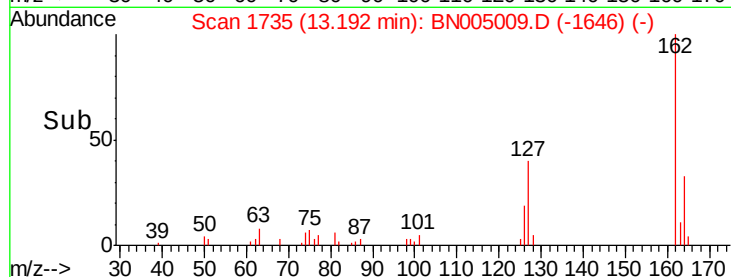
164 33.2 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.540 ng

RT: 13.41 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

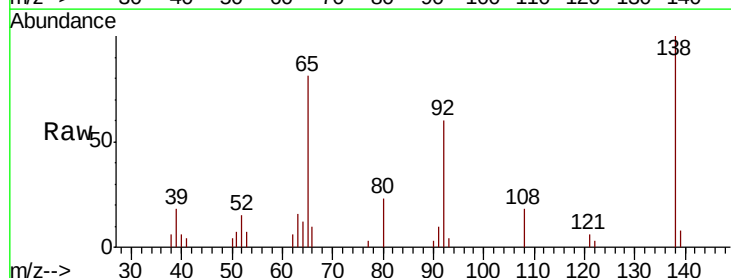
Tgt Ion: 65 Resp: 12485

Ion Ratio Lower Upper

65 100

92 73.6 60.2 90.4

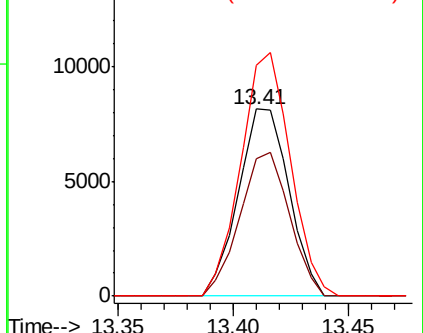
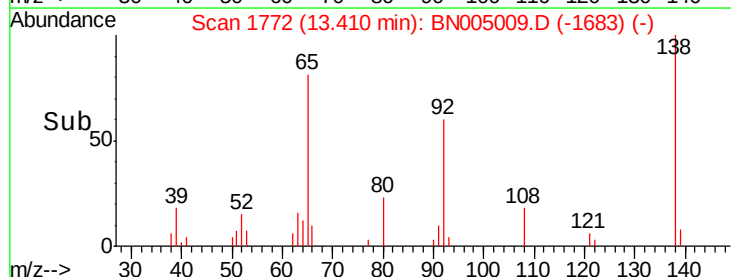
138 123.6 101.1 151.7

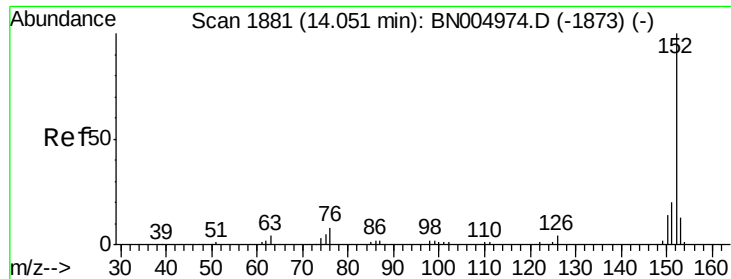


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.714 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

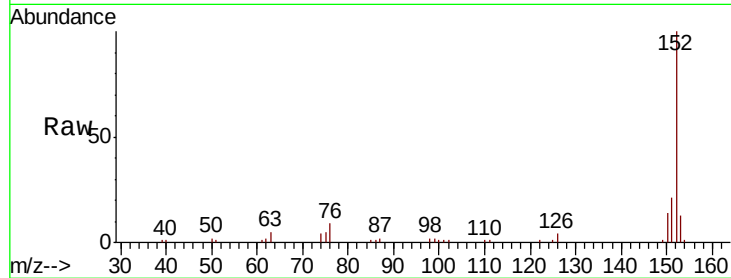
Tgt Ion:152 Resp: 81350

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

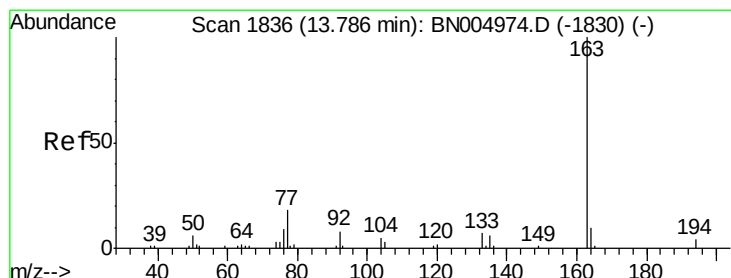
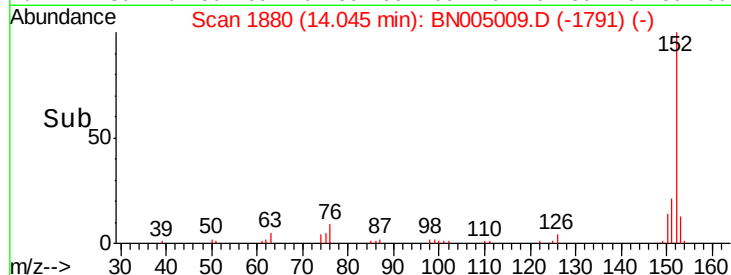
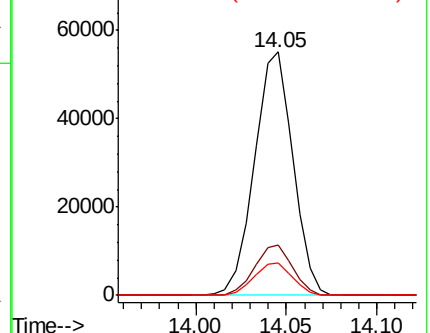
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.558 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

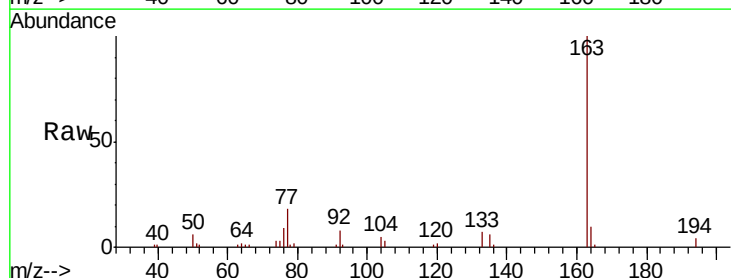
Tgt Ion:163 Resp: 62516

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

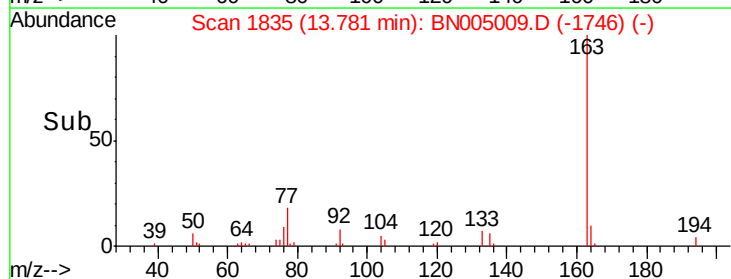
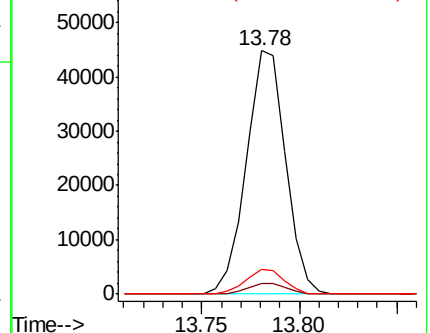
164 10.3 8.3 12.5

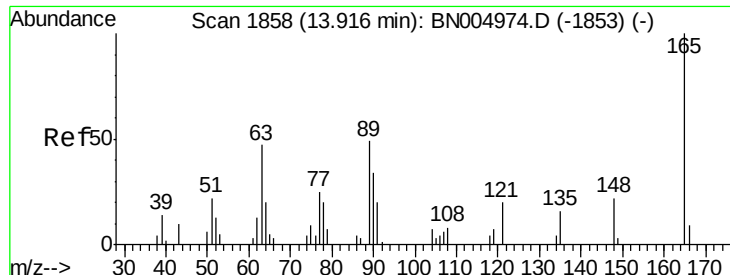


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

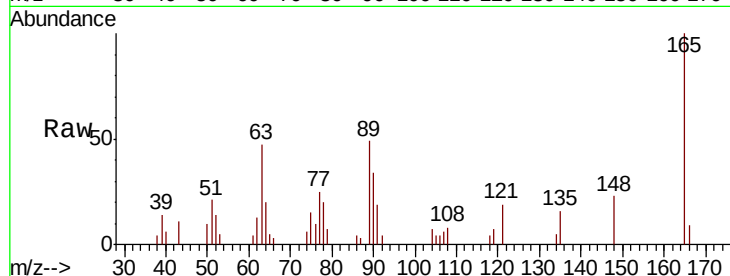




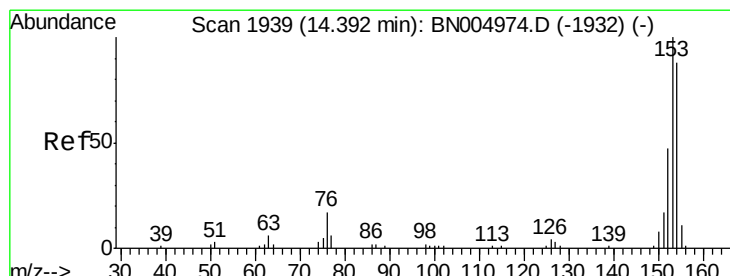
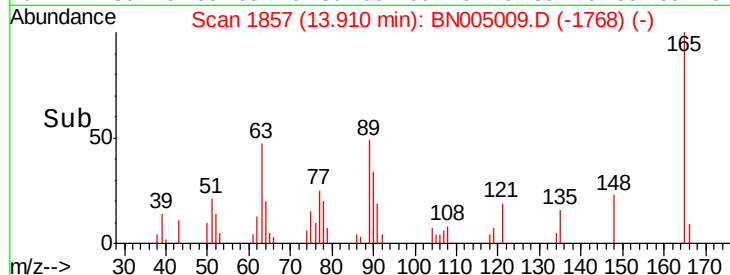
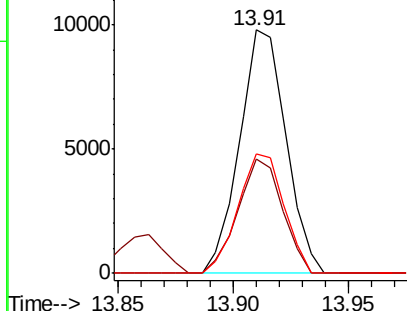
#51
 2,6-Dinitrotoluene
 Concen: 38.119 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion:165 Resp: 13708
 Ion Ratio Lower Upper
 165 100
 63 47.1 37.3 55.9
 89 49.1 39.2 58.8

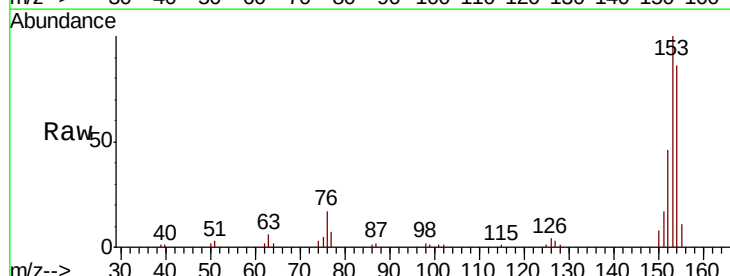


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

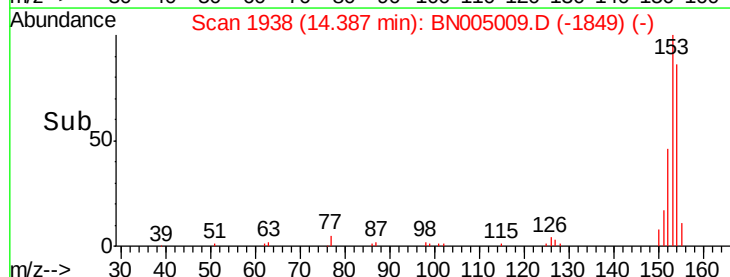
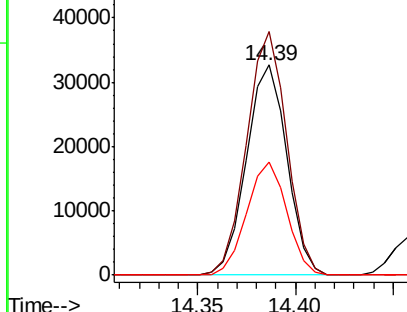


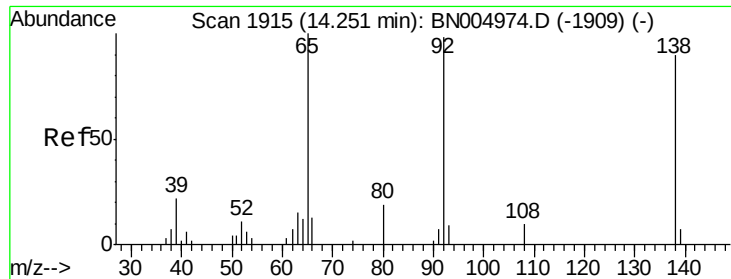
#52
 Acenaphthene
 Concen: 39.759 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion:154 Resp: 46998
 Ion Ratio Lower Upper
 154 100
 153 116.0 91.0 136.4
 152 53.8 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

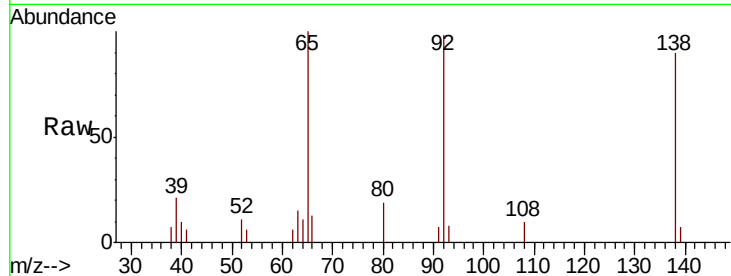




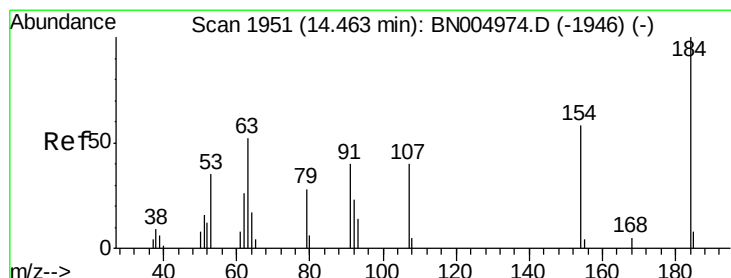
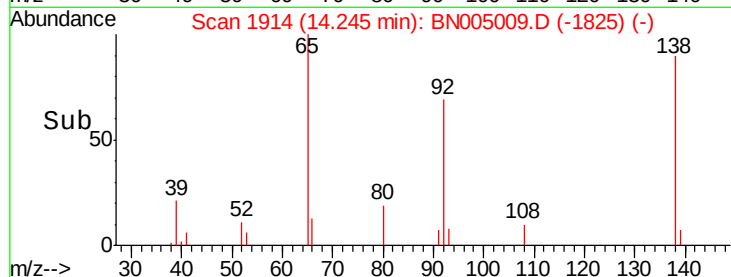
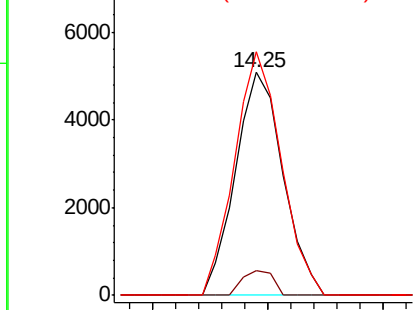
#53
 3-Nitroaniline
 Concen: 19.872 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion:138 Resp: 7304
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.6 12.8
 92 109.3 86.9 130.3

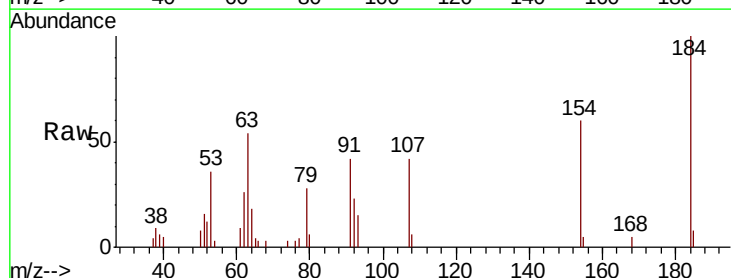


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BNC

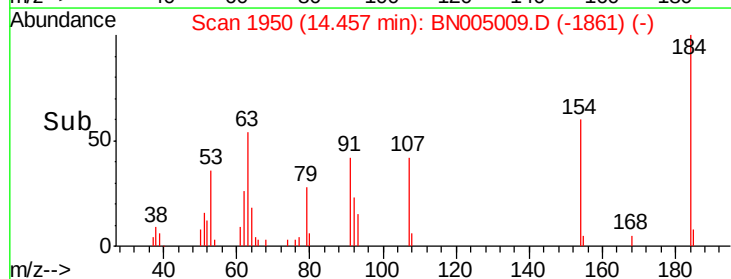
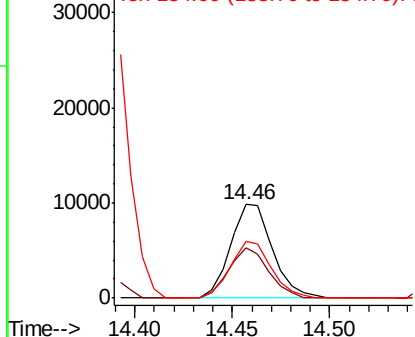


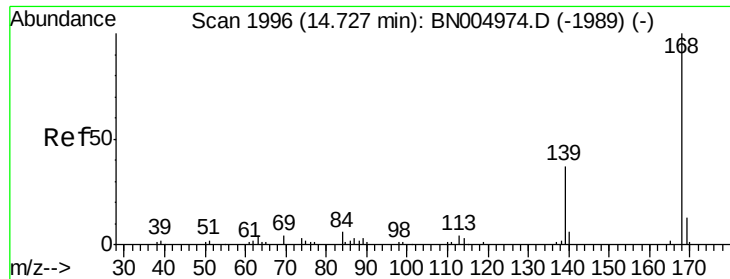
#54
 2,4-Dinitrophenol
 Concen: 69.493 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion:184 Resp: 14682
 Ion Ratio Lower Upper
 184 100
 63 54.1 41.6 62.4
 154 60.0 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

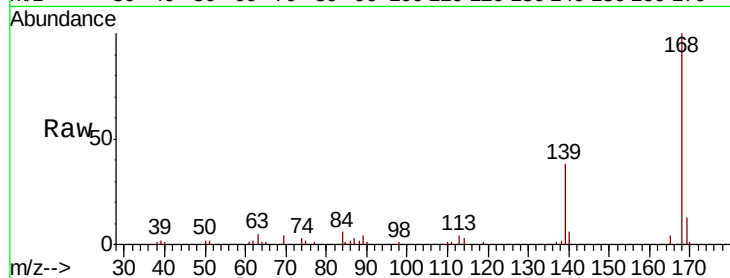




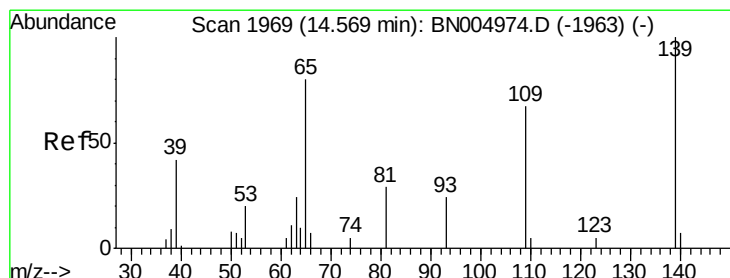
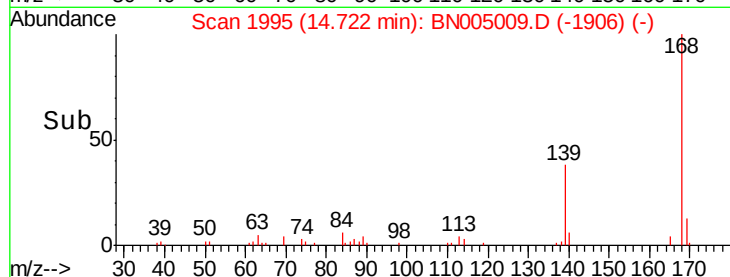
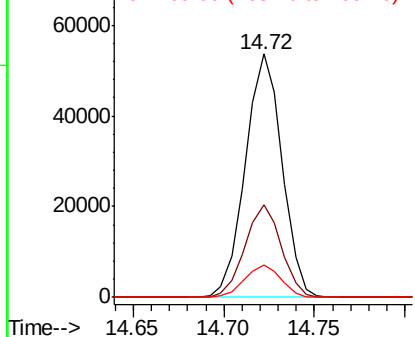
#55
Dibenzofuran
Concen: 40.068 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion:168 Resp: 75366
Ion Ratio Lower Upper
168 100
139 37.8 29.9 44.9
169 13.2 10.6 15.8

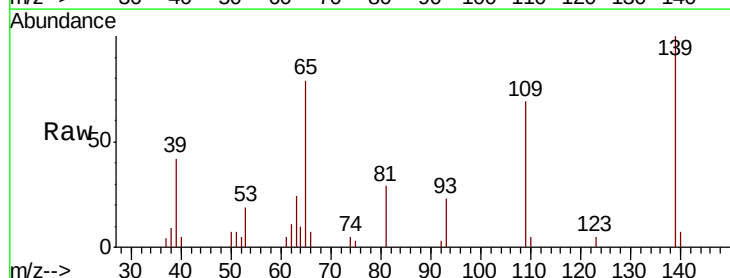


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

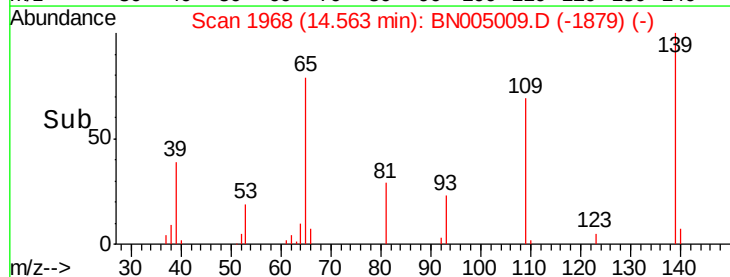
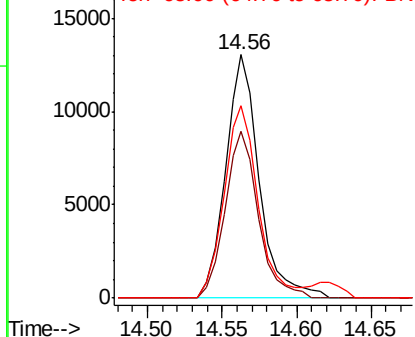


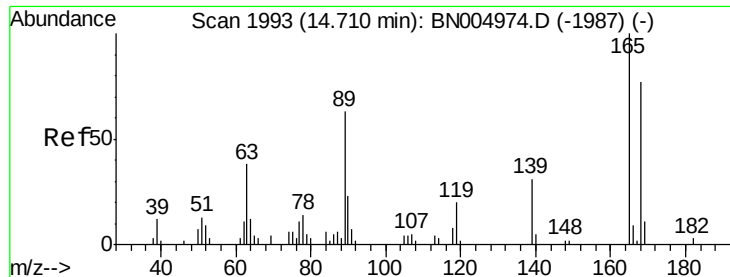
#56
4-Nitrophenol
Concen: 70.914 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:139 Resp: 20533
Ion Ratio Lower Upper
139 100
109 68.6 46.5 86.5
65 79.2 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): BNO

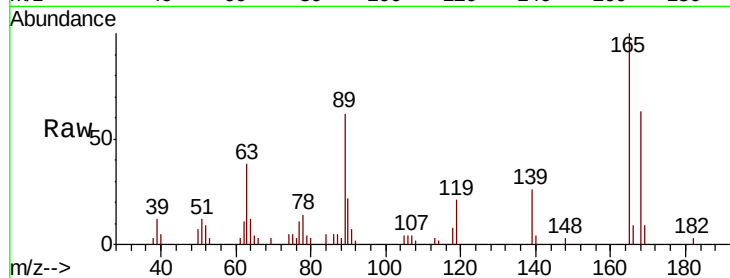




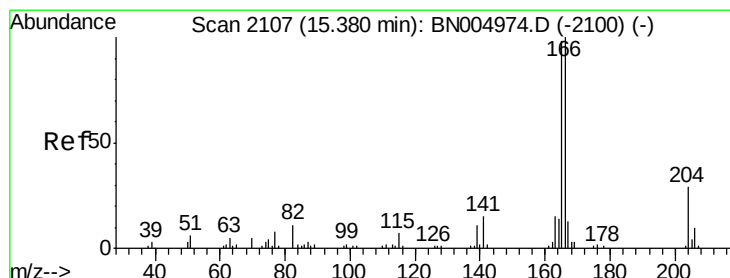
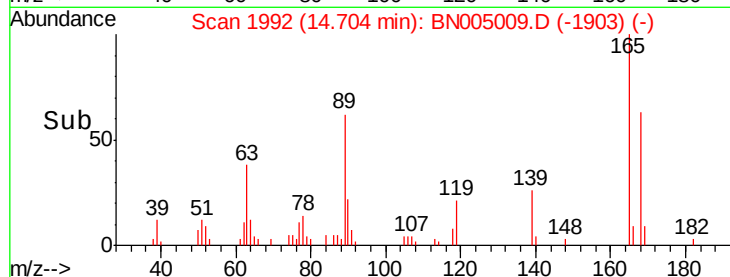
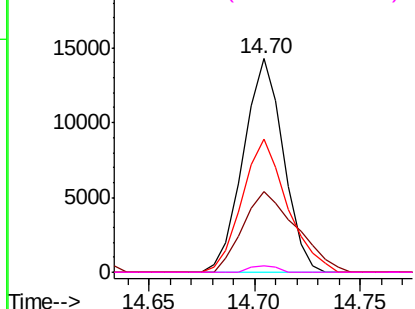
#57
2,4-Dinitrotoluene
Concen: 38.439 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion:165 Resp: 18786
Ion Ratio Lower Upper
165 100
63 37.5 30.4 45.6
89 62.1 50.7 76.1
182 3.0 2.5 3.7

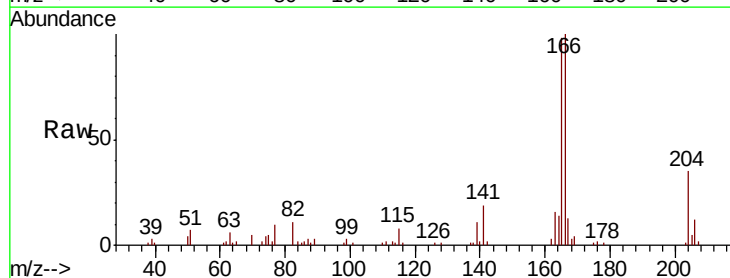


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

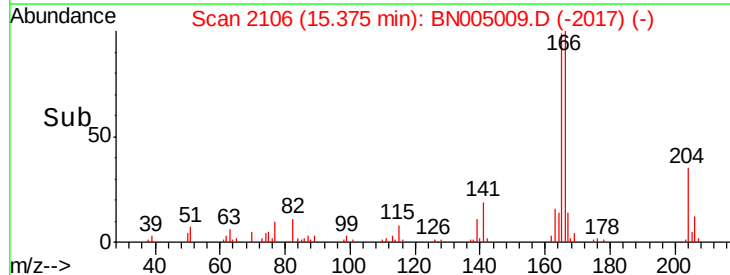
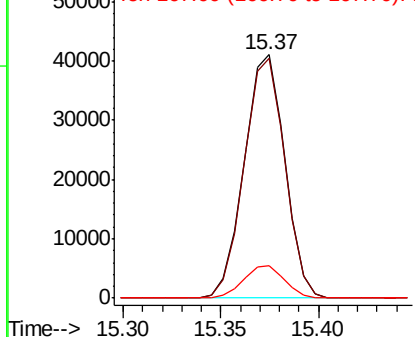


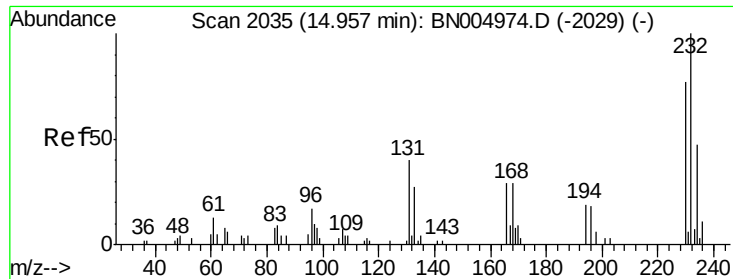
#58
Fluorene
Concen: 39.012 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:166 Resp: 59277
Ion Ratio Lower Upper
166 100
165 98.3 78.3 117.5
167 13.5 10.6 15.8



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

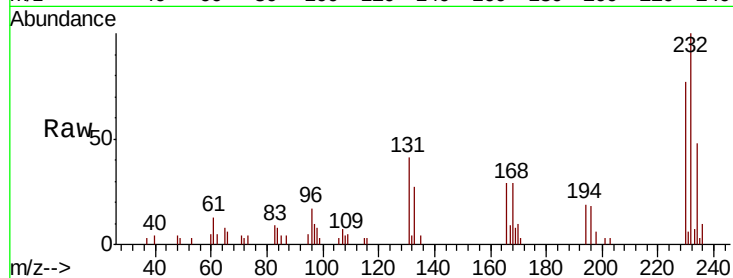




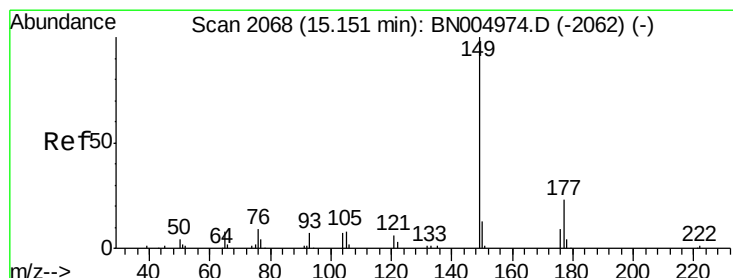
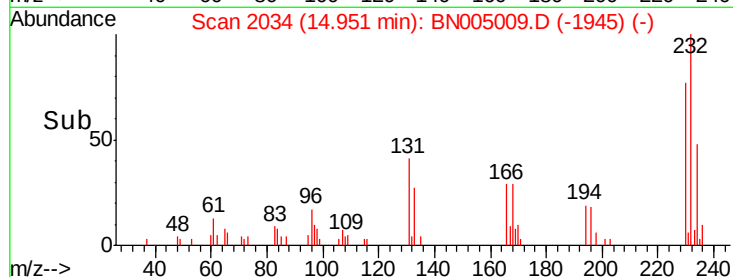
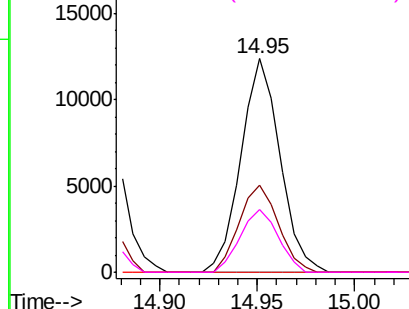
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.180 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion:	232	Resp:	17182
Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.4	48.6
130	0.0	0.9	1.3#
166	28.3	22.6	34.0

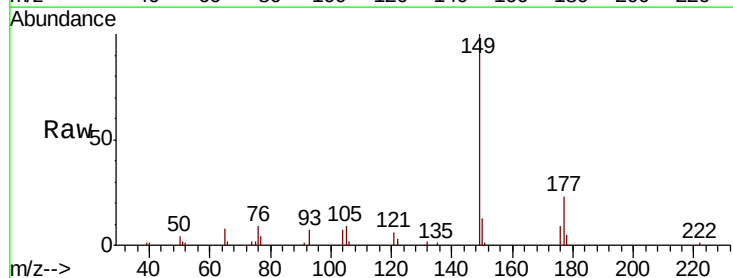


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

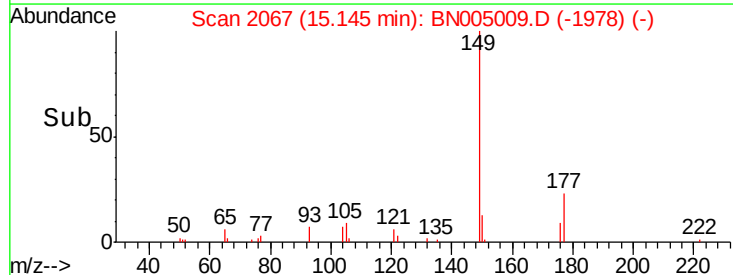
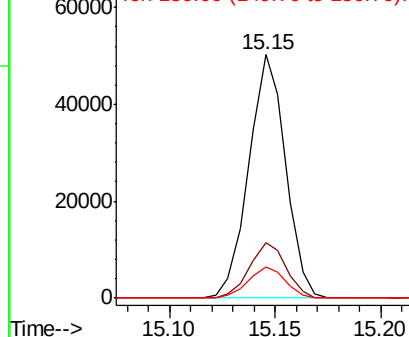


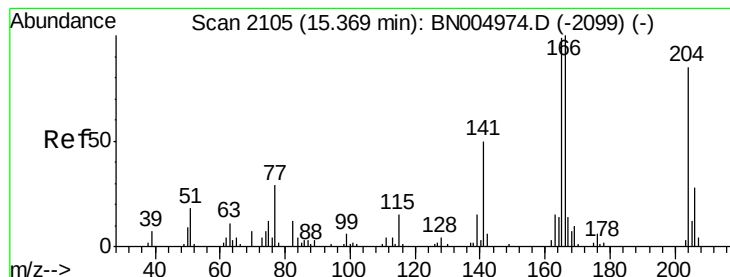
#60
 Diethylphthalate
 Concen: 38.615 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion:	149	Resp:	60897
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.8	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.038 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

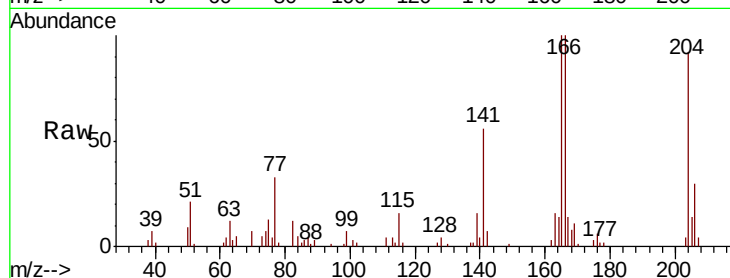
Tgt Ion:204 Resp: 31384

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

141 60.5 47.2 70.8

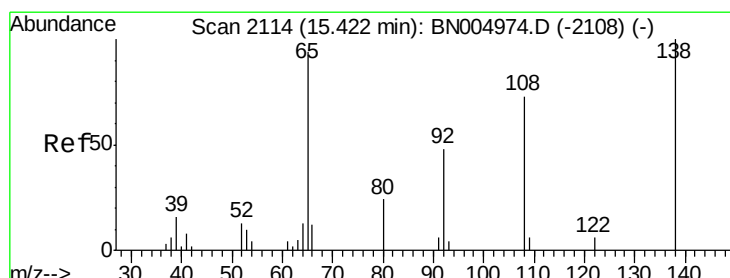
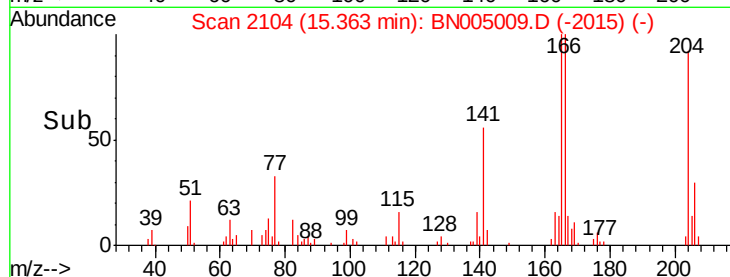
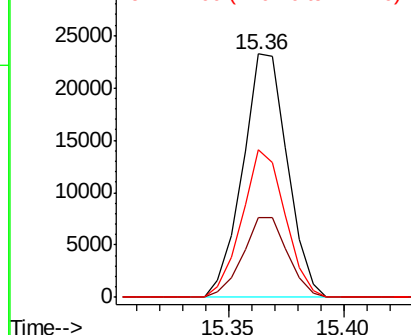


Abundance

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: 32.855 ng

RT: 15.42 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

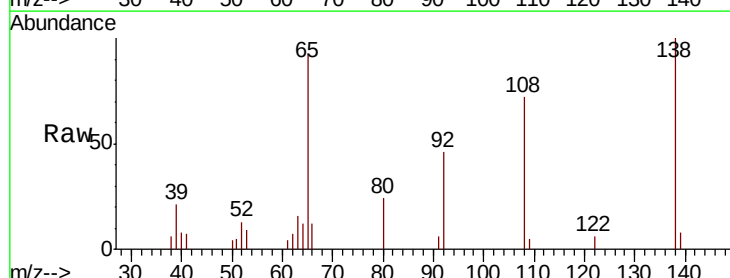
Tgt Ion:138 Resp: 12133

Ion Ratio Lower Upper

138 100

92 46.4 26.4 66.4

108 72.4 50.8 90.8

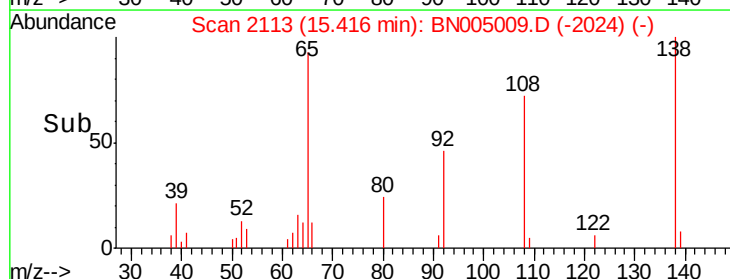
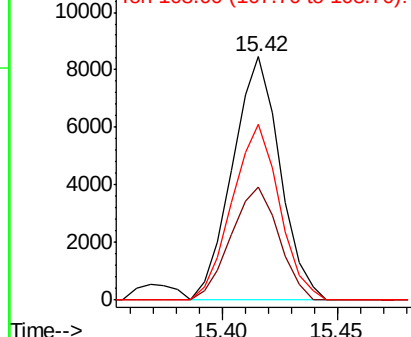


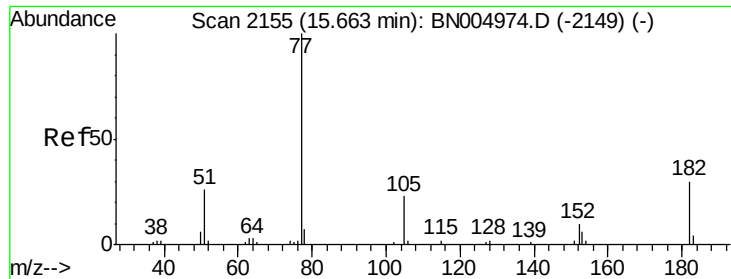
Abundance

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: 38.710 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

Tgt Ion: 77 Resp: 50817

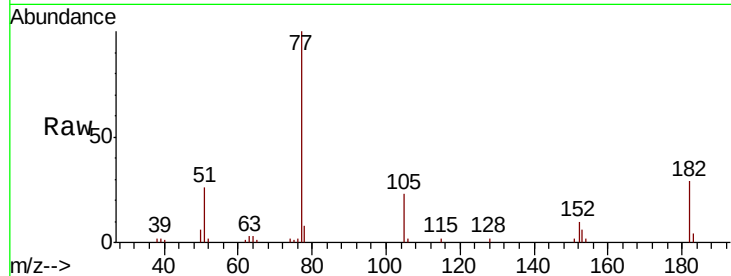
Ion Ratio Lower Upper

77 100

182 29.4 10.0 50.0

105 23.0 2.9 42.9

51 26.3 6.0 46.0

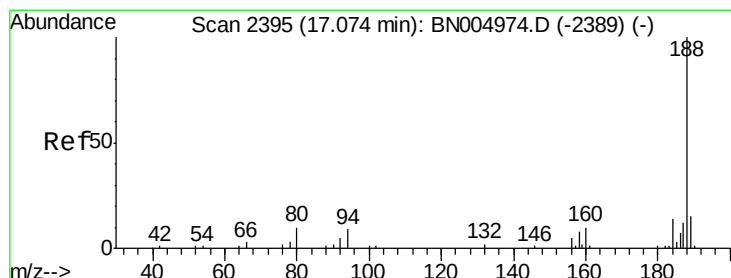
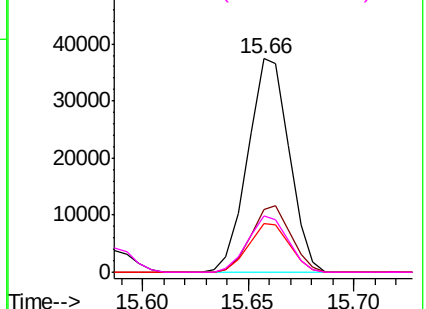
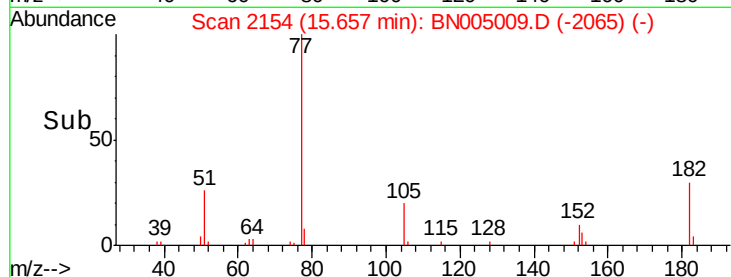


Abundance Ion 77.00 (76.70 to 77.70): BNC

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: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

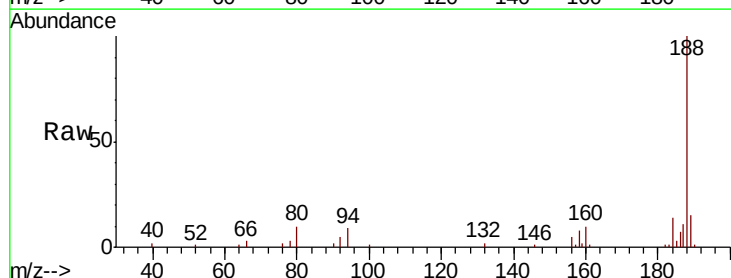
Tgt Ion: 188 Resp: 39670

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

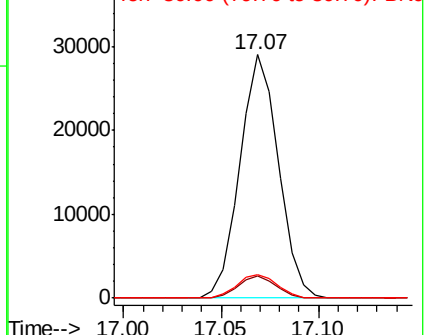
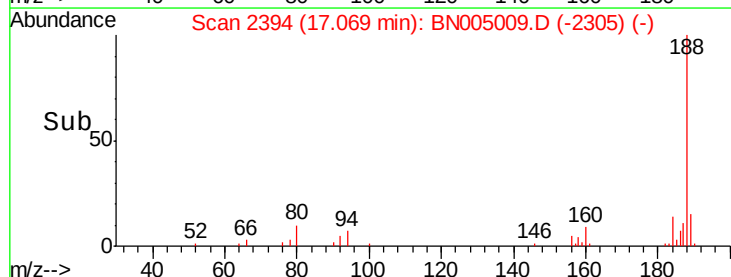
80 9.6 7.8 11.6

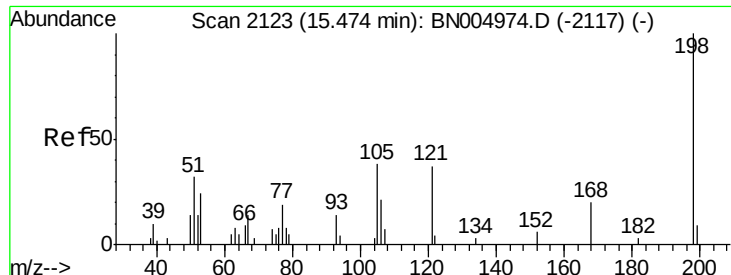


Abundance Ion 188.00 (187.70 to 188.70): BNC

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: 36.834 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

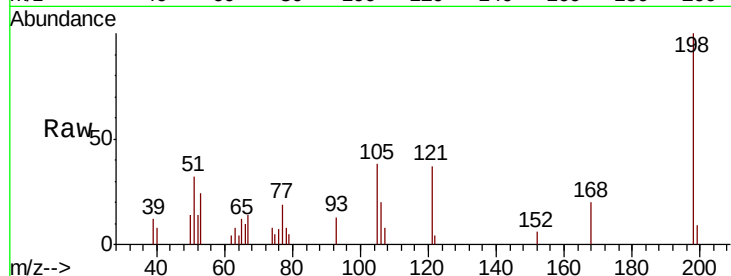
Tgt Ion:198 Resp: 9613

Ion Ratio Lower Upper

198 100

51 31.6 12.0 52.0

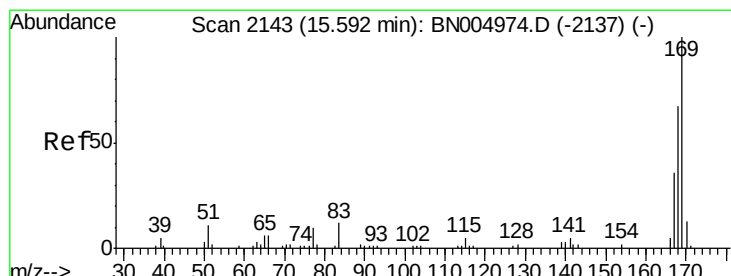
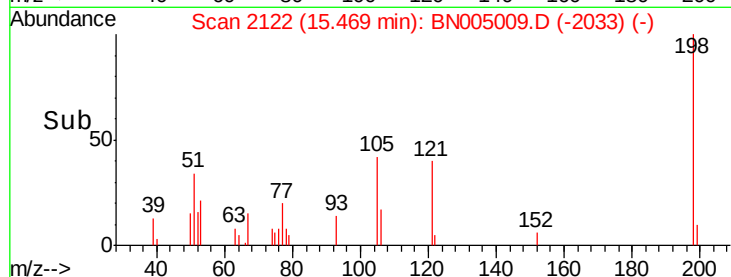
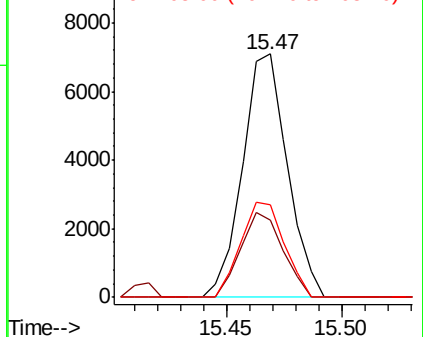
105 38.1 17.6 57.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.414 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

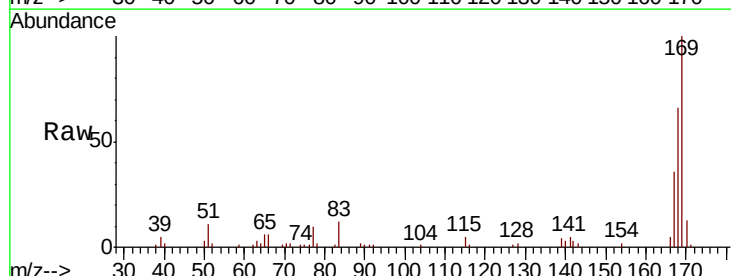
Tgt Ion:169 Resp: 51750

Ion Ratio Lower Upper

169 100

168 66.3 53.4 80.2

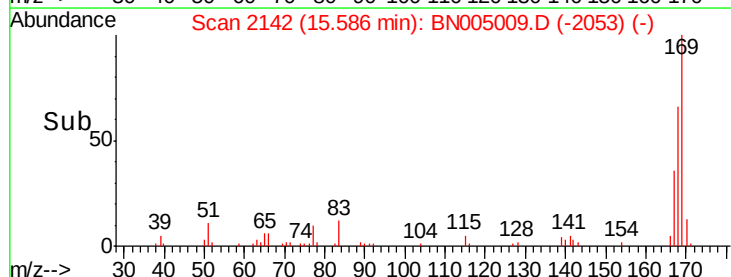
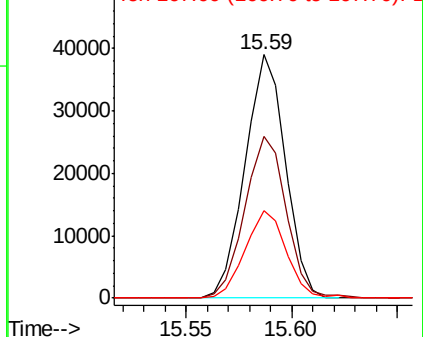
167 35.7 28.9 43.3

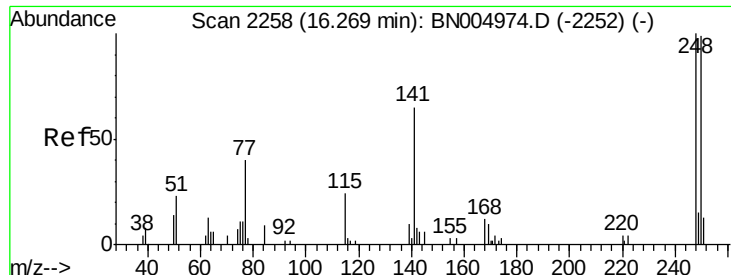


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

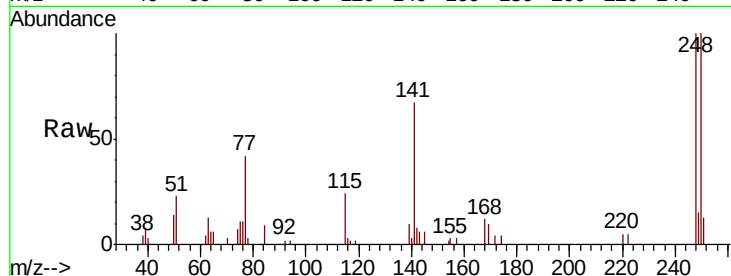




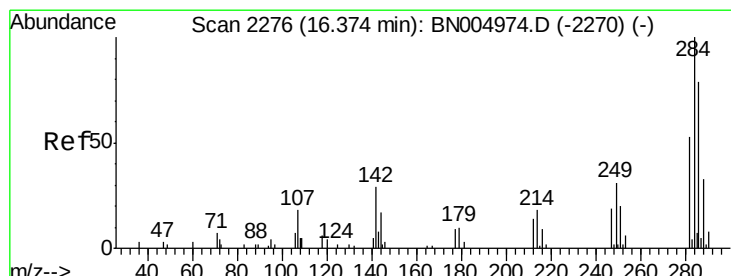
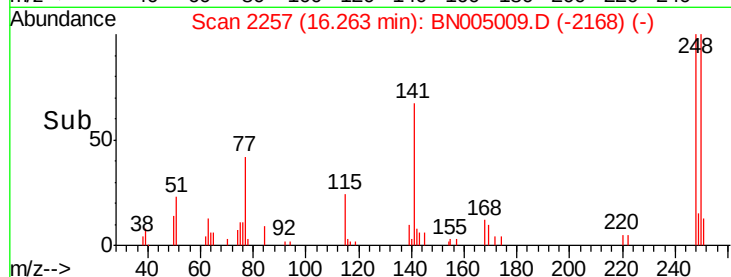
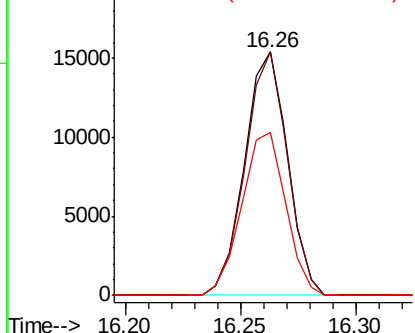
#67
 4-Bromophenyl-phenylether
 Concen: 40.413 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion:248 Resp: 20006
 Ion Ratio Lower Upper
 248 100
 250 100.2 79.4 119.2
 141 66.8 52.3 78.5

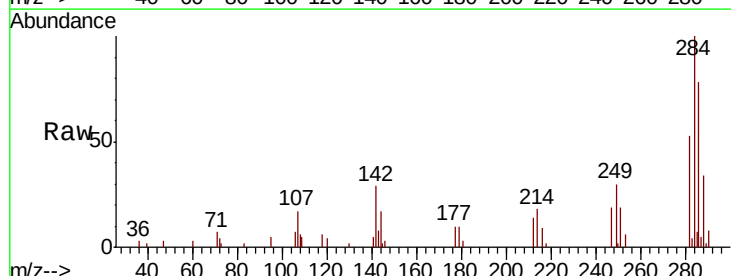


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

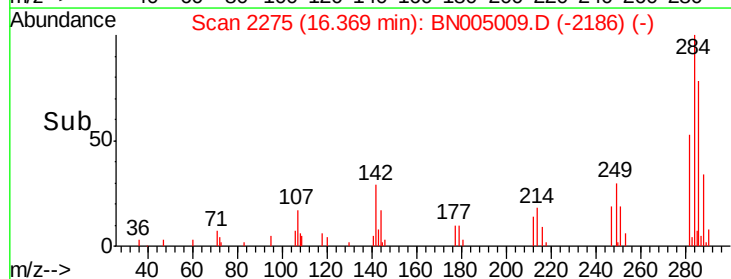
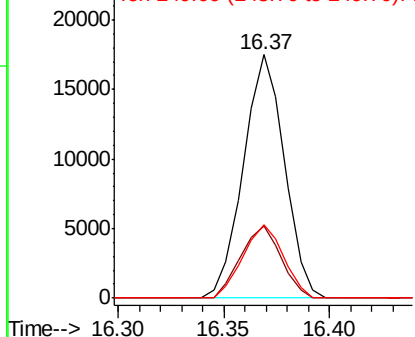


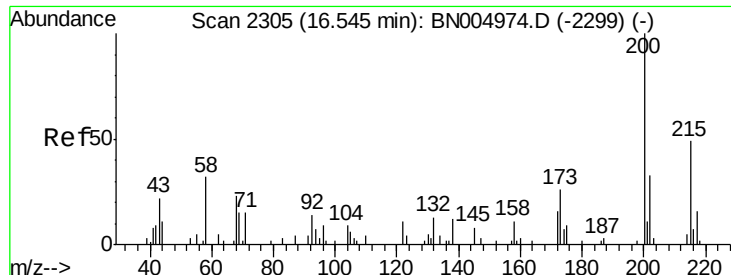
#68
 Hexachlorobenzene
 Concen: 40.774 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion:284 Resp: 23648
 Ion Ratio Lower Upper
 284 100
 142 29.5 23.5 35.3
 249 29.9 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: 39.154 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

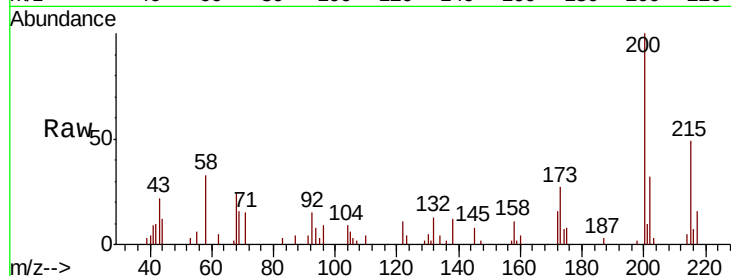
Tgt Ion:200 Resp: 17480

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

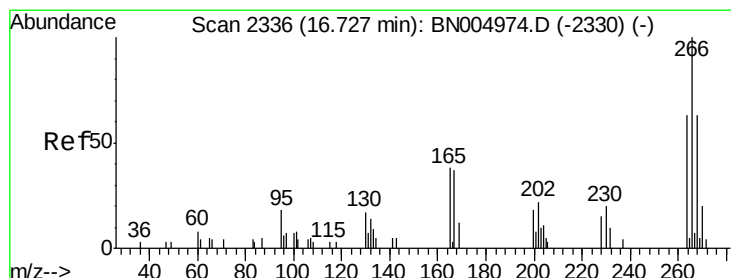
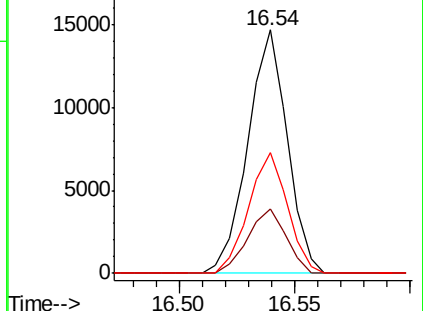
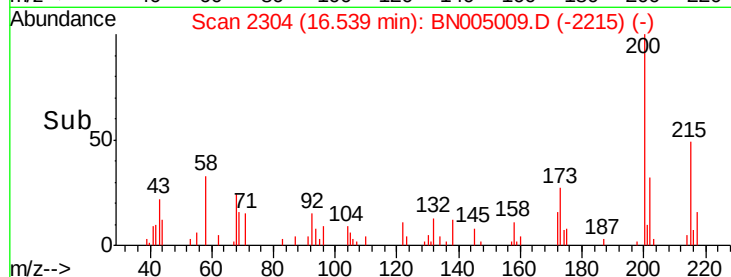
215 49.4 28.8 68.8



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: 75.504 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

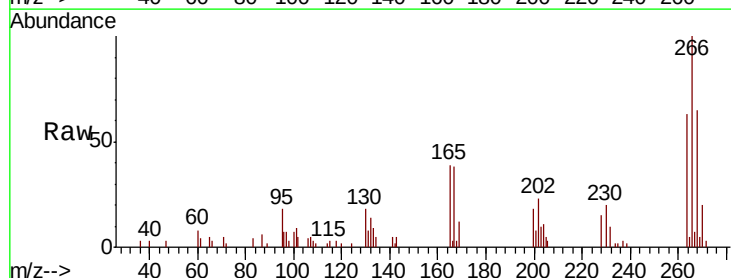
Tgt Ion:266 Resp: 23024

Ion Ratio Lower Upper

266 100

268 65.1 50.8 76.2

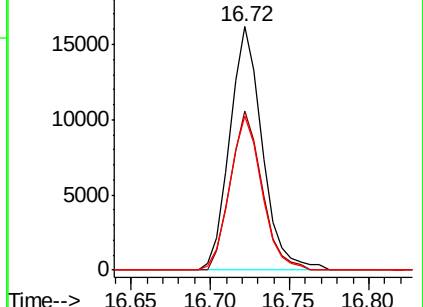
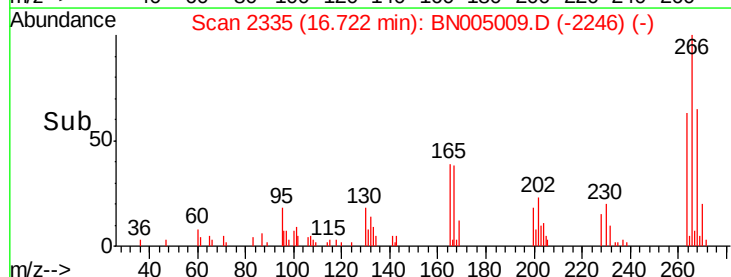
264 63.3 50.0 75.0

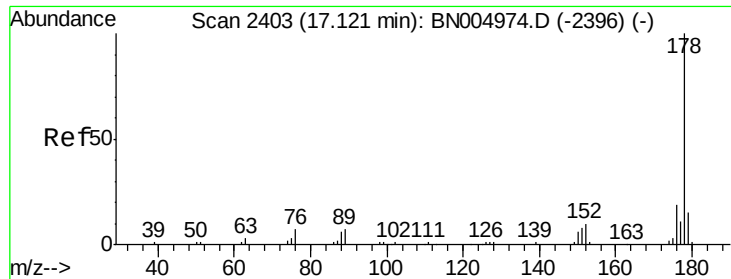


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

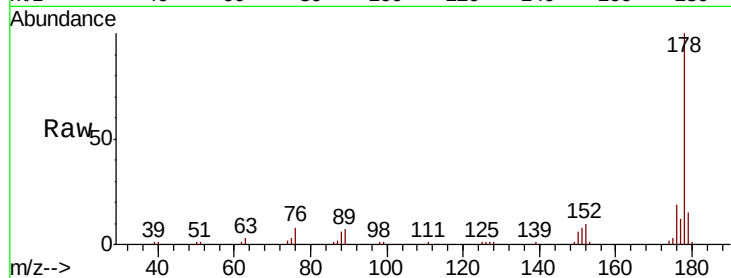




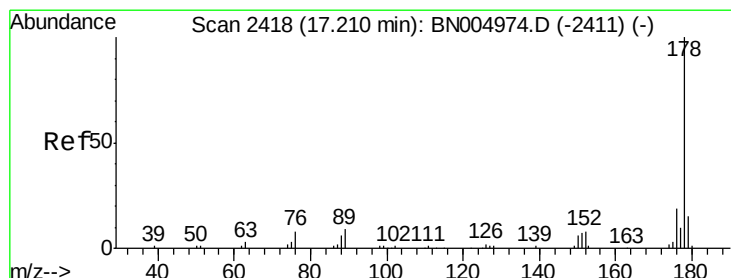
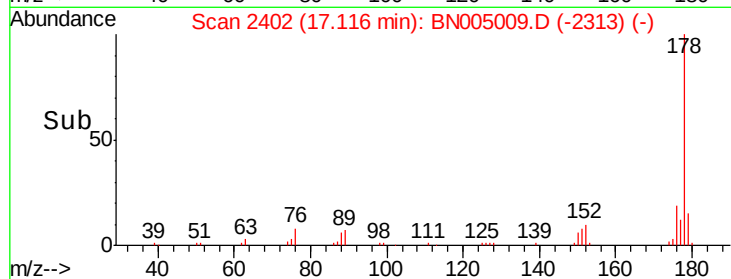
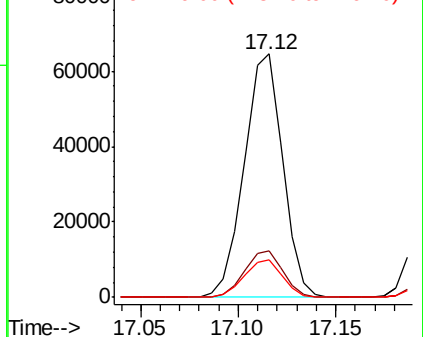
#71
Phenanthrene
Concen: 39.661 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion:178 Resp: 88404
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.3 18.5

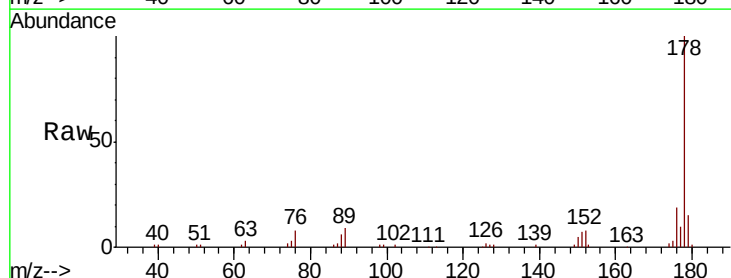


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

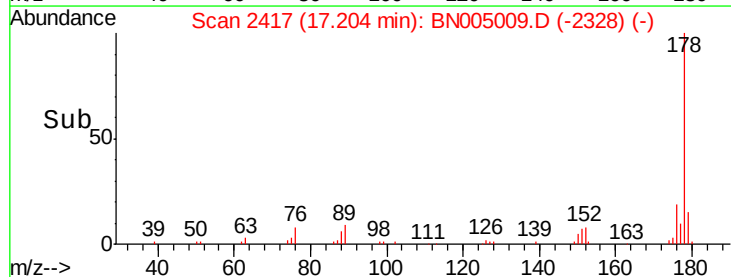
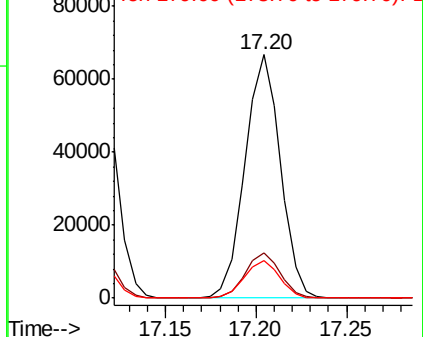


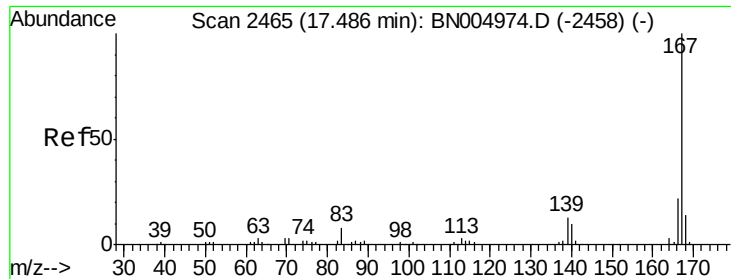
#72
Anthracene
Concen: 40.710 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:178 Resp: 90323
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.3 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

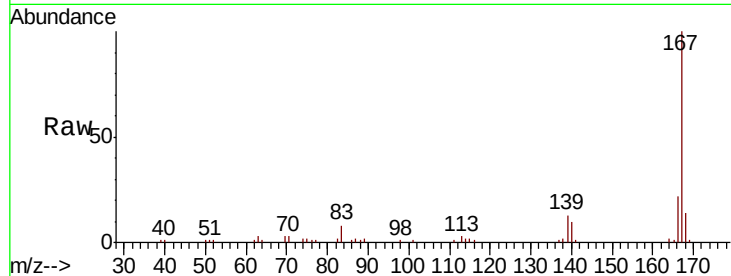




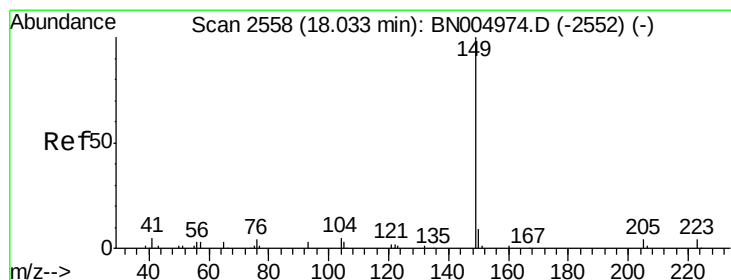
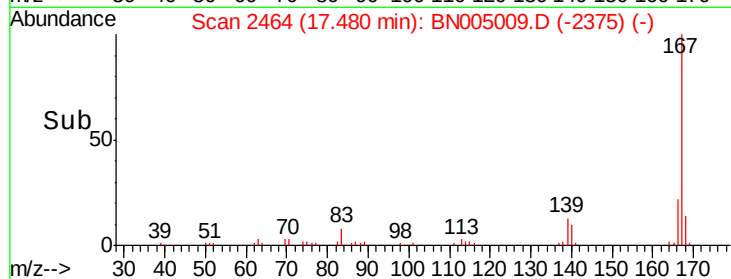
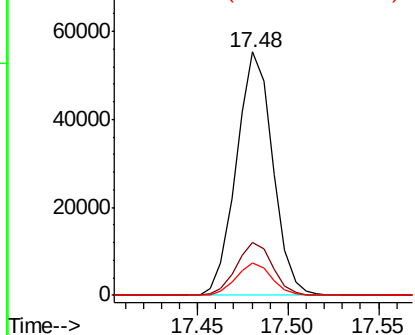
#73
 Carbazole
 Concen: 38.132 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

Tgt Ion:167 Resp: 77006
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.3 10.6 16.0

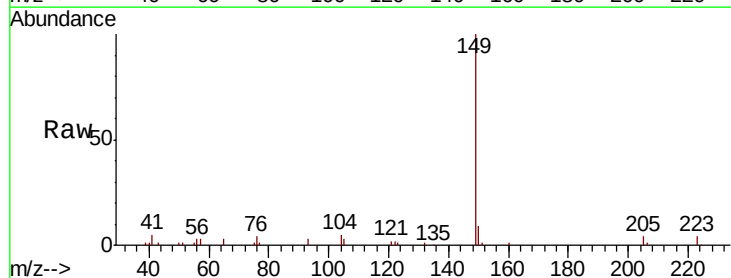


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

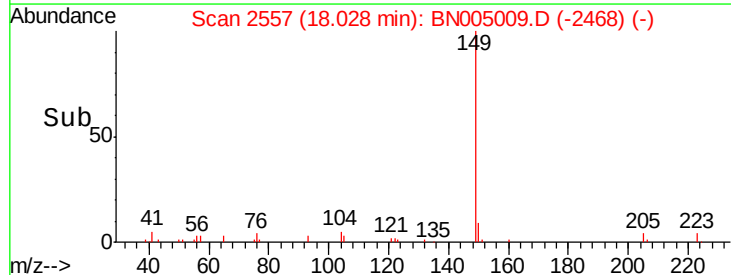
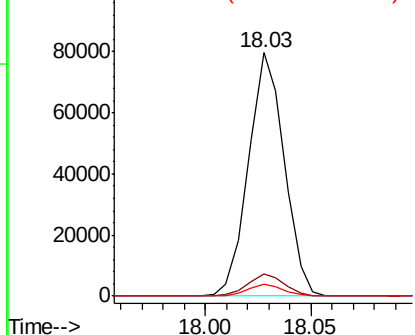


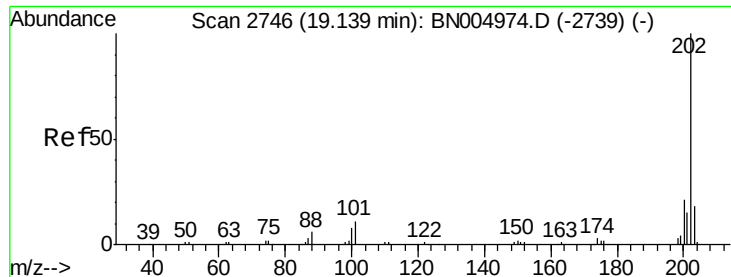
#74
 Di-n-butylphthalate
 Concen: 38.242 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion:149 Resp: 94078
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.7 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

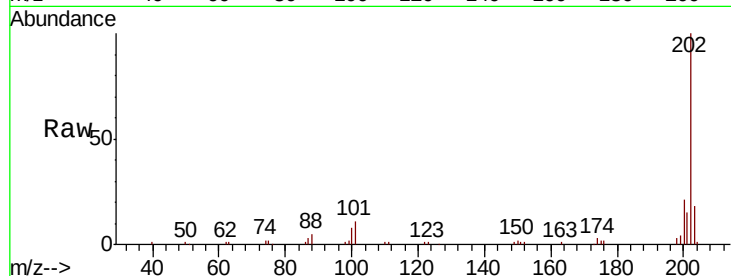




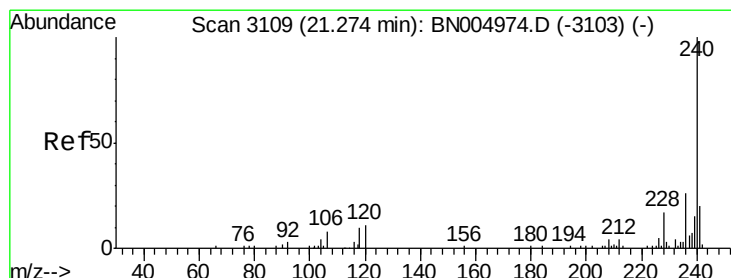
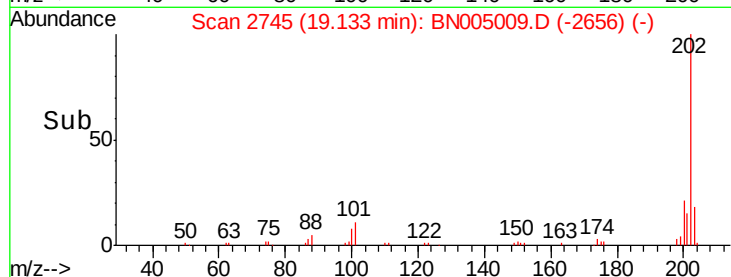
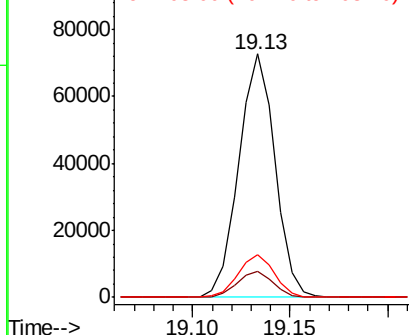
#75
Fluoranthene
Concen: 36.642 ng
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion:	202	Resp:	93177
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.8	0.0	37.5

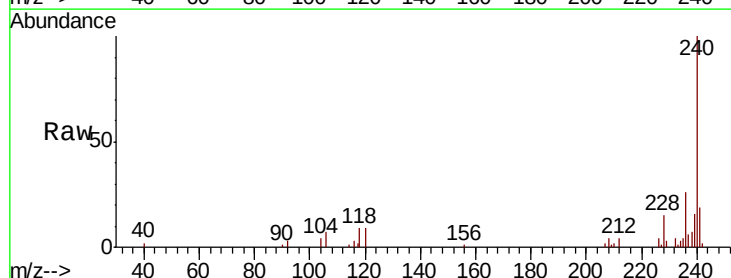


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

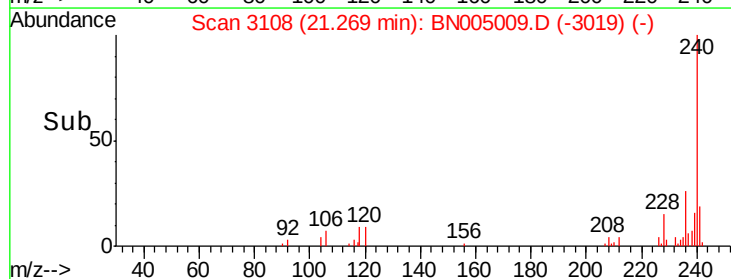
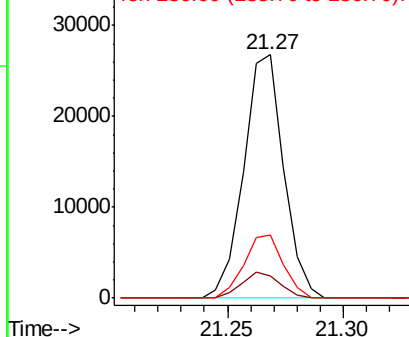


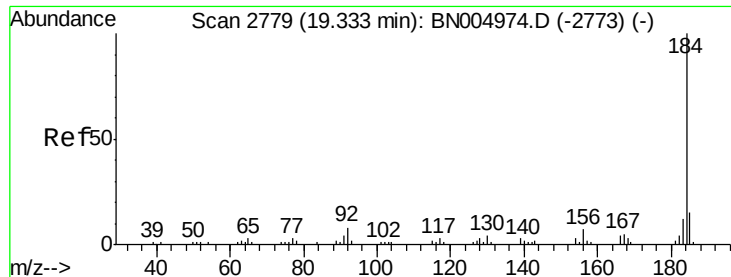
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:	240	Resp:	32342
Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.5	12.7
236	25.7	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: 37.882 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

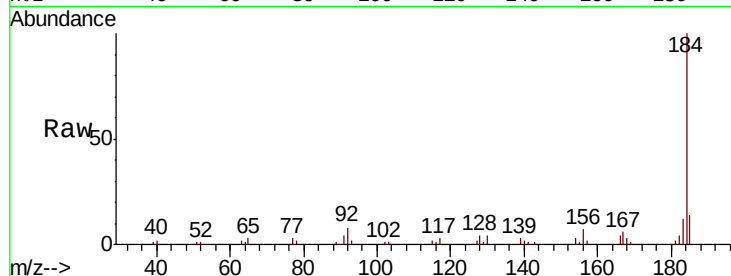
Tgt Ion:184 Resp: 38182

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

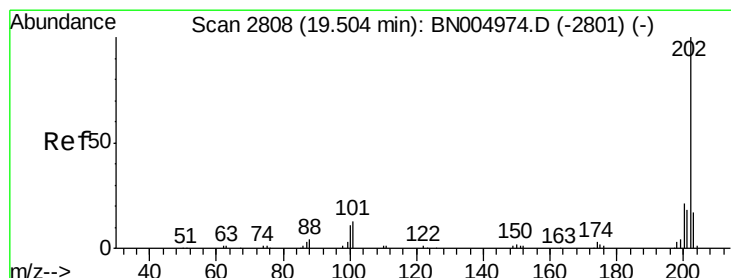
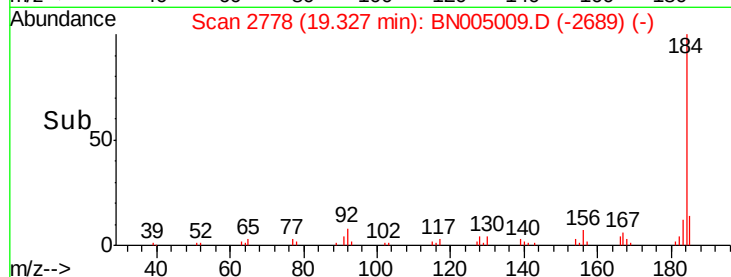
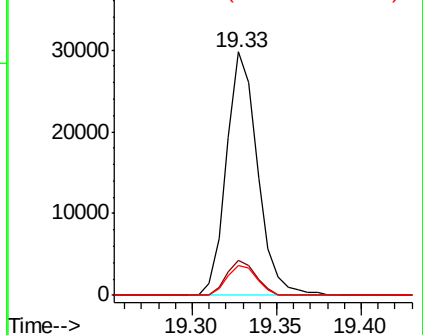
183 12.3 9.9 14.9



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: 43.659 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

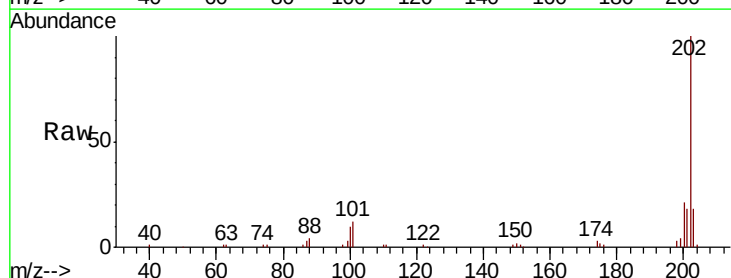
Tgt Ion:202 Resp: 94284

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

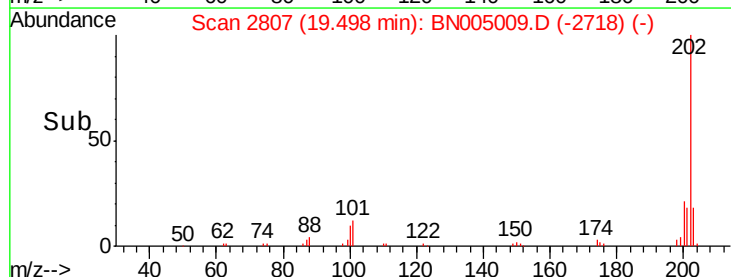
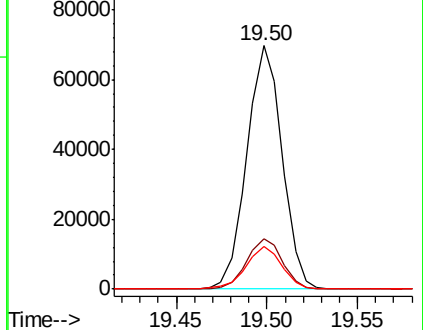
203 17.5 14.0 21.0

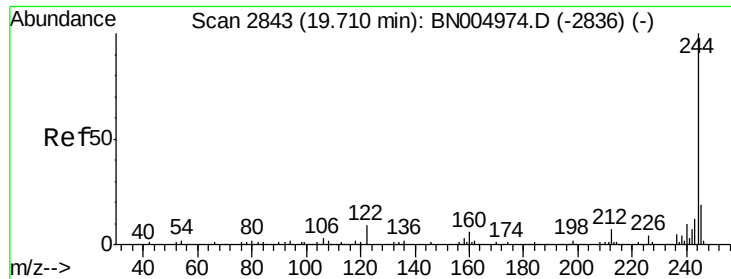


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.623 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

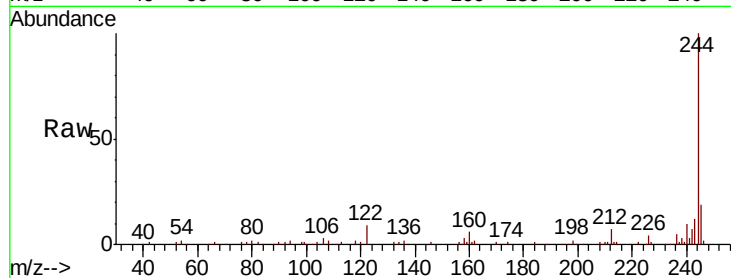
Tgt Ion:244 Resp: 143837

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

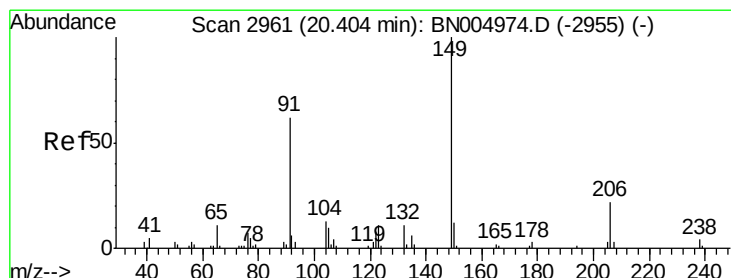
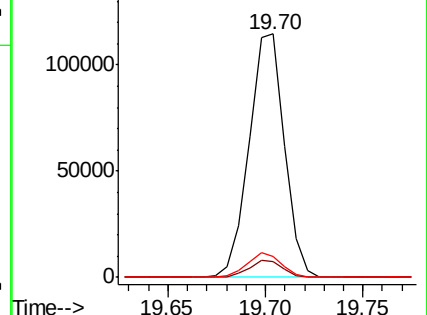
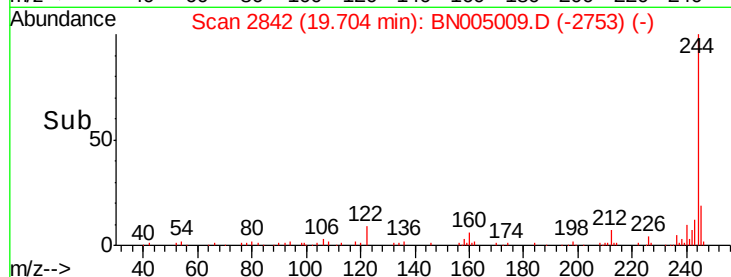
122 8.8 7.4 11.2



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: 40.599 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

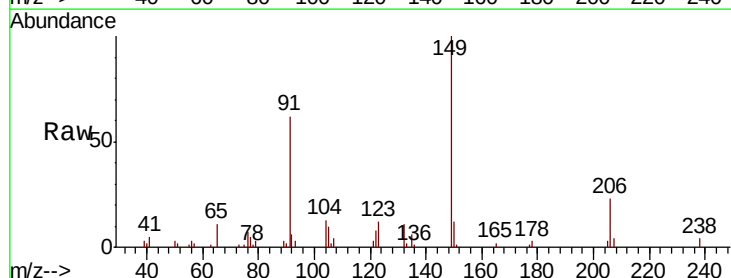
Tgt Ion:149 Resp: 35625

Ion Ratio Lower Upper

149 100

91 62.0 49.3 73.9

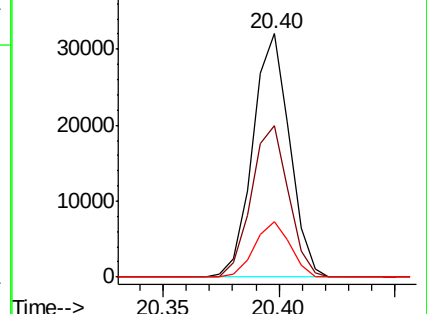
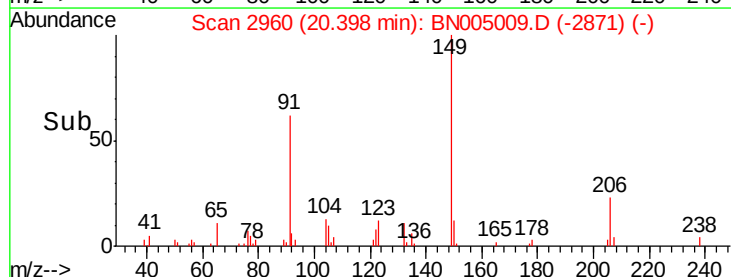
206 22.7 17.9 26.9

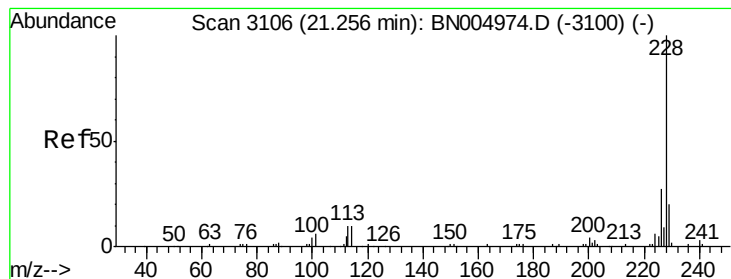


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.908 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

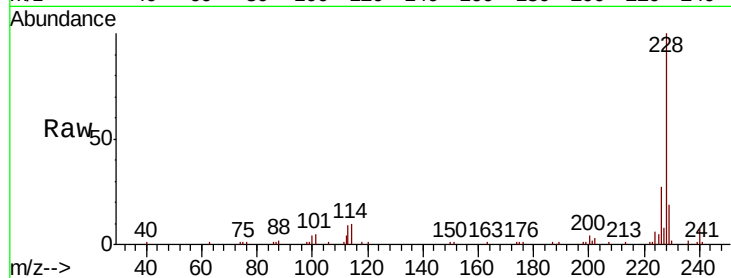
Tgt Ion:228 Resp: 78384

Ion Ratio Lower Upper

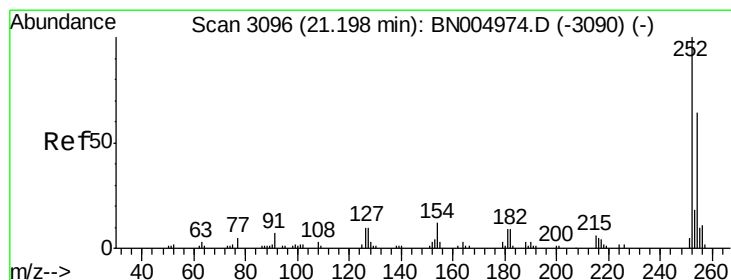
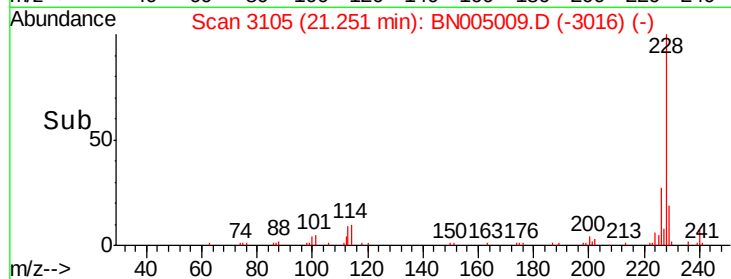
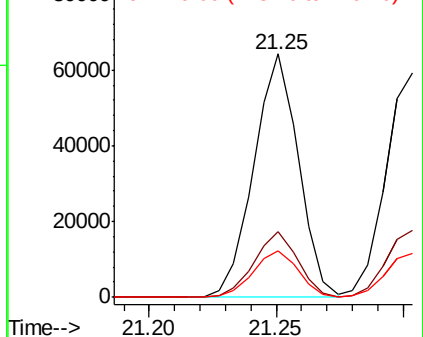
228 100

226 27.0 21.8 32.6

229 19.1 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: 23.452 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

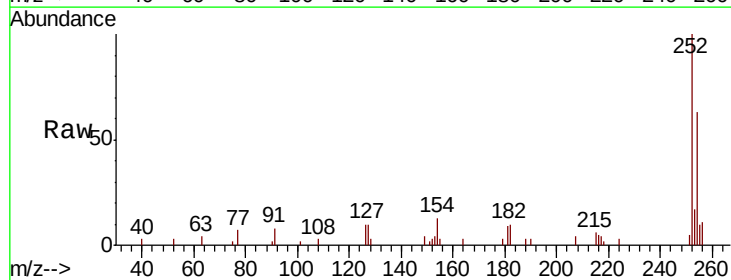
Tgt Ion:252 Resp: 17667

Ion Ratio Lower Upper

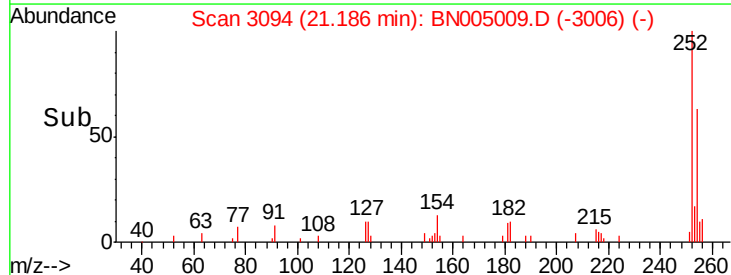
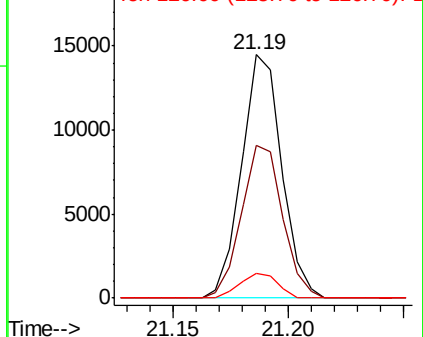
252 100

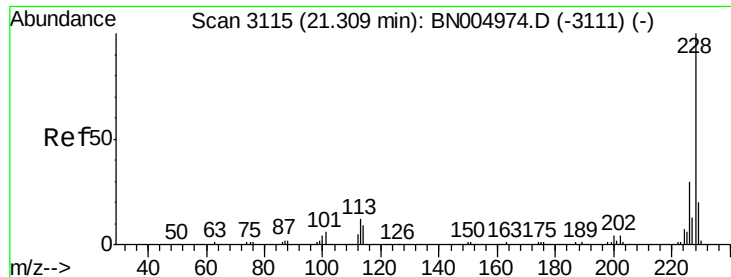
254 62.9 51.5 77.3

126 10.1 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

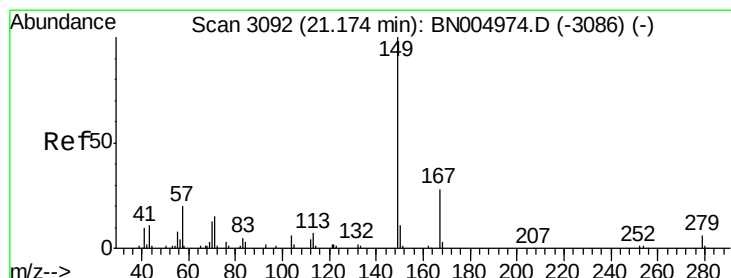
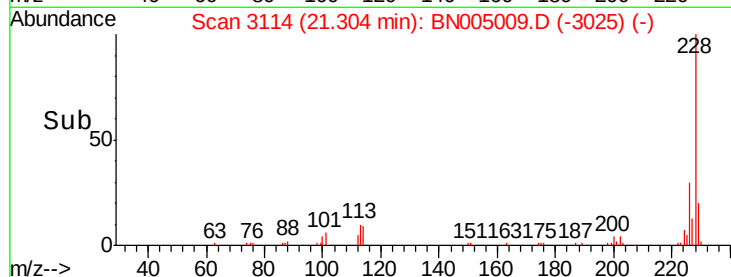
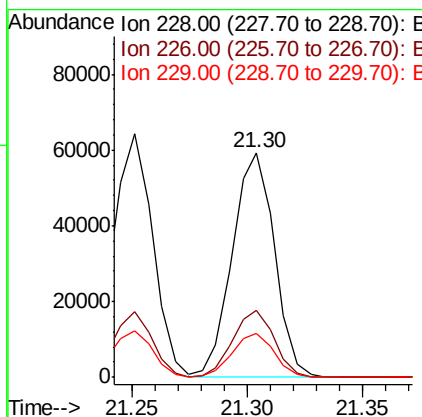
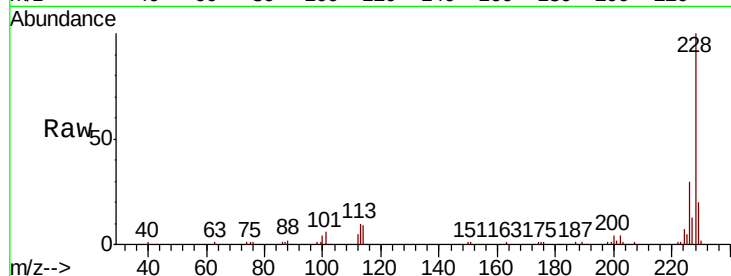




#83
Chrysene
 Concen: 39.263 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

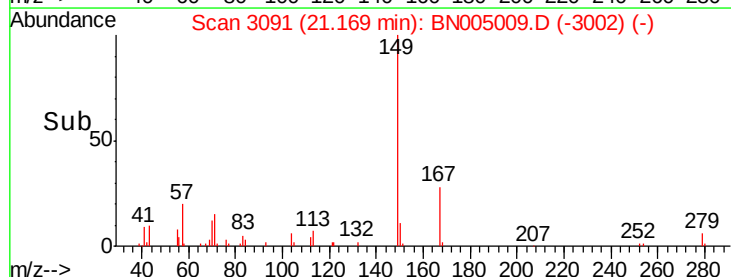
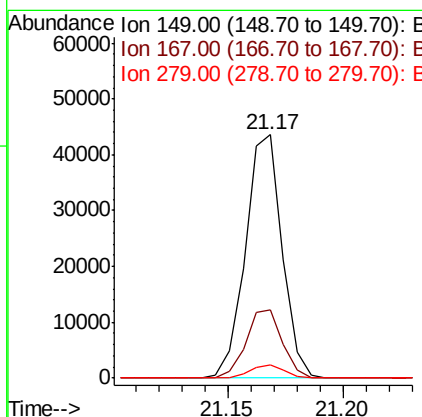
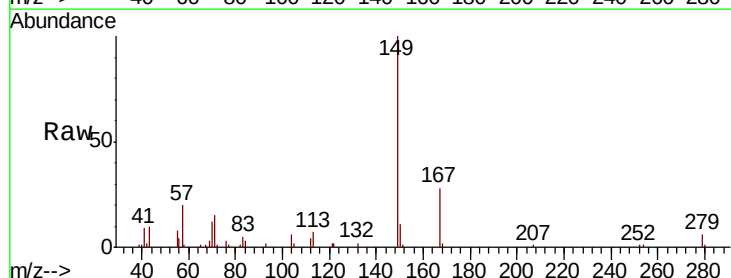
Instrument :
 BNA_N
 ClientSampleId :
 PB118303BS

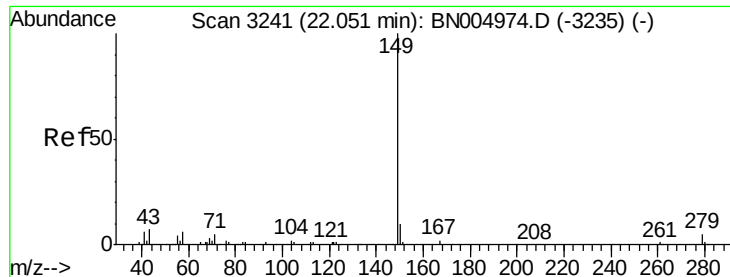
Tgt Ion: 228 Resp: 75551
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.7 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
 Concen: 39.637 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN005009.D
 Acq: 28 Mar 2019 00:00

Tgt Ion: 149 Resp: 48123
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.5 33.7
 279 5.7 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 37.808 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

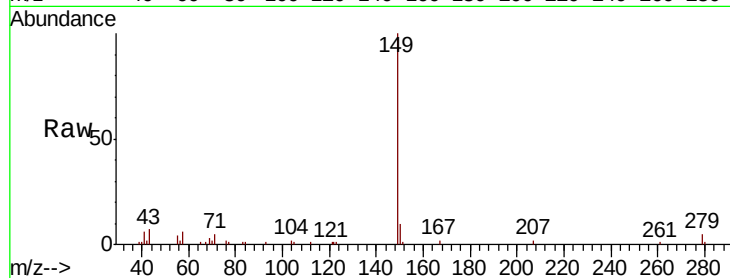
Tgt Ion:149 Resp: 74080

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

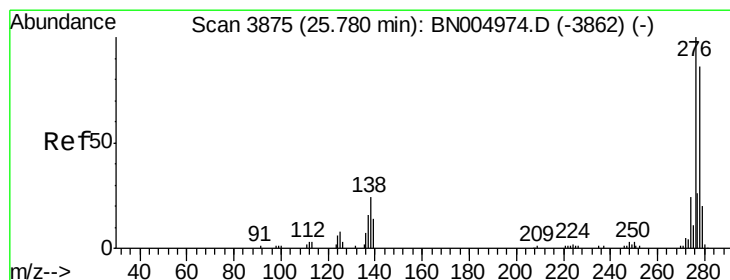
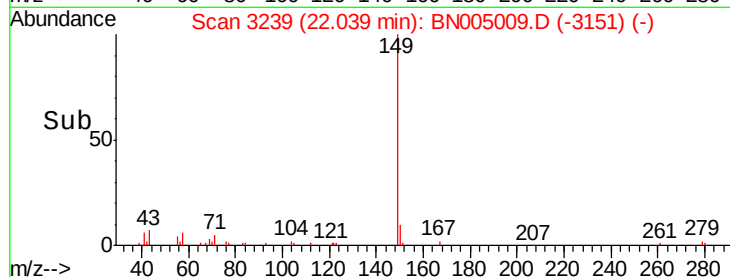
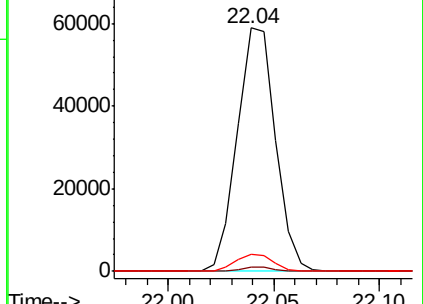
43 6.9 5.8 8.6



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: 34.999 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

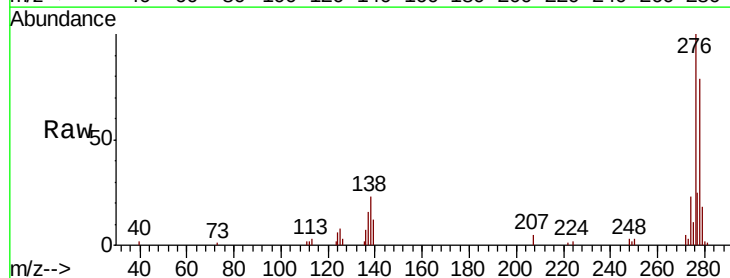
Tgt Ion:276 Resp: 76513

Ion Ratio Lower Upper

276 100

138 23.0 18.5 27.7

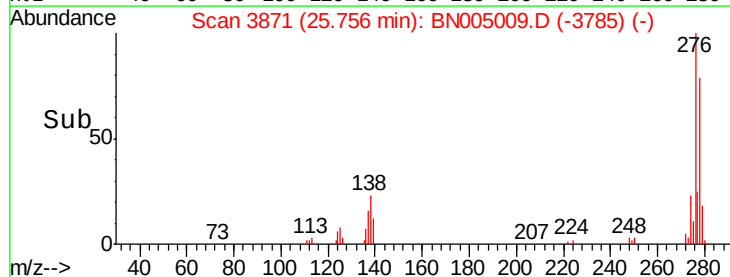
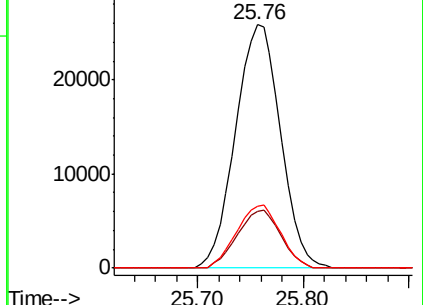
277 25.1 20.4 30.6

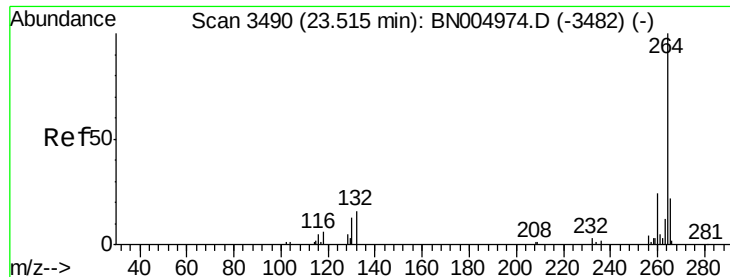


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



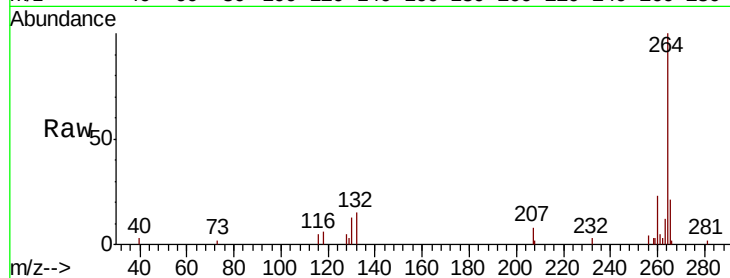


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion: 264 Resp: 27650

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.3	17.2	25.8

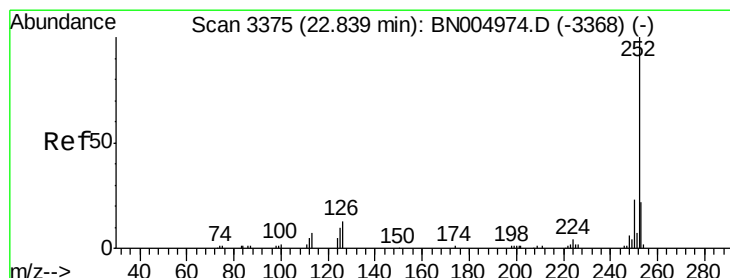
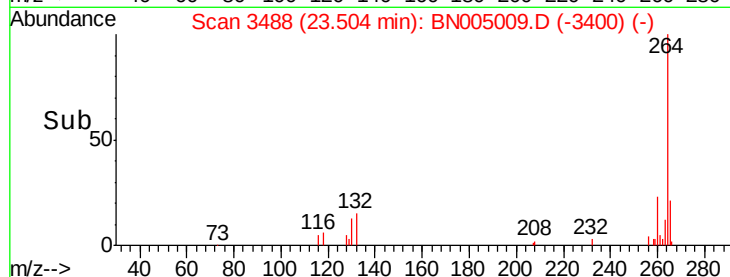
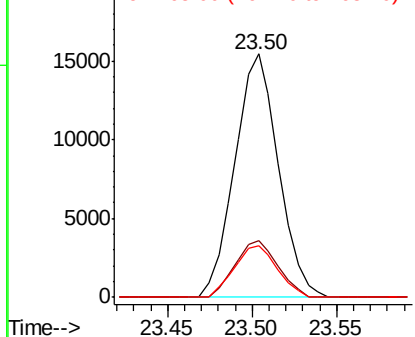


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

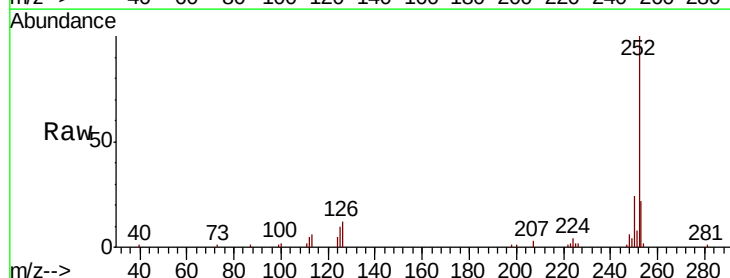
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.366 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion: 252 Resp: 70402

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.8	8.1	12.1

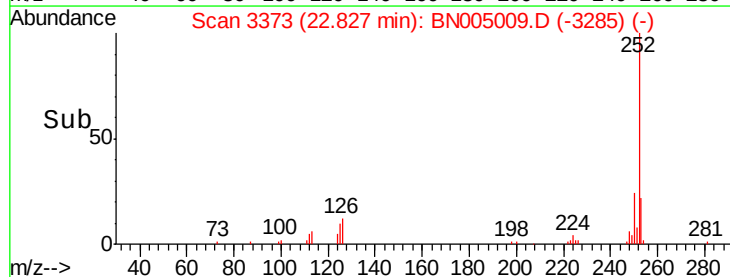
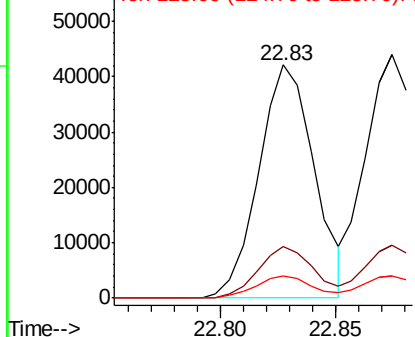


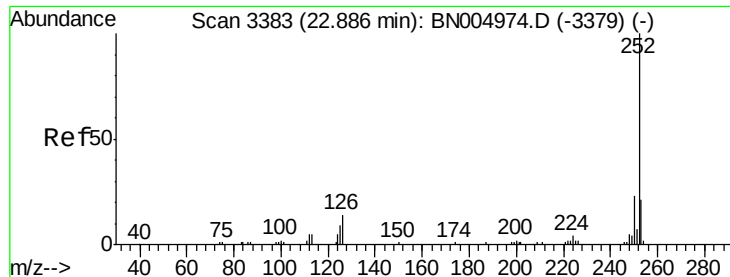
Abundance

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: 44.148 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

Instrument :

BNA_N

ClientSampleId :

PB118303BS

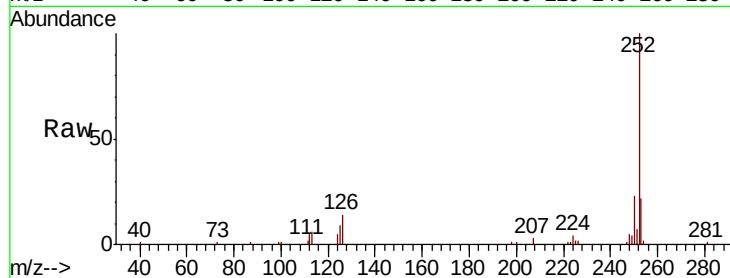
Tgt Ion:252 Resp: 68902

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

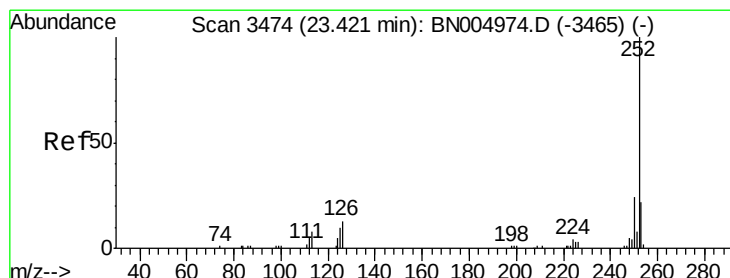
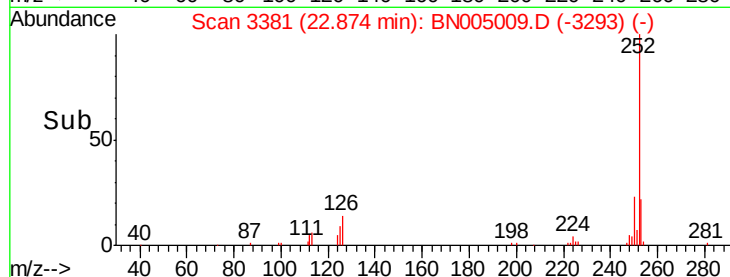
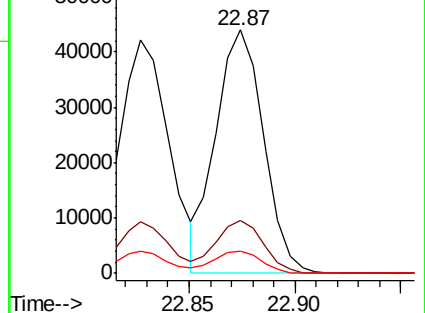
125 9.3 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.116 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.02 min

Lab File: BN005009.D

Acq: 28 Mar 2019 00:00

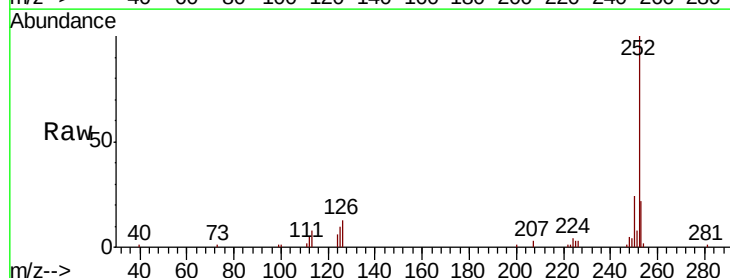
Tgt Ion:252 Resp: 65593

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

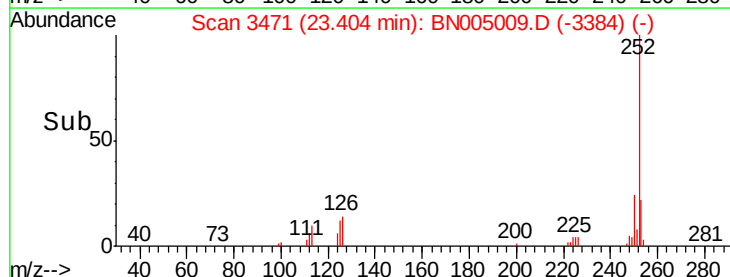
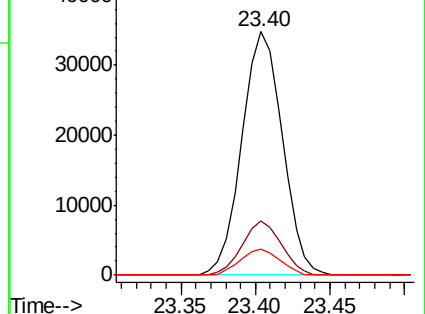
125 10.5 8.2 12.4

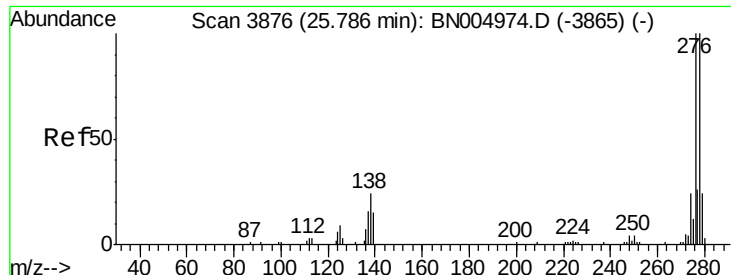


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



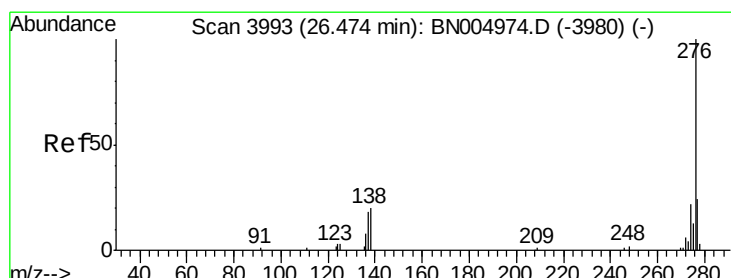
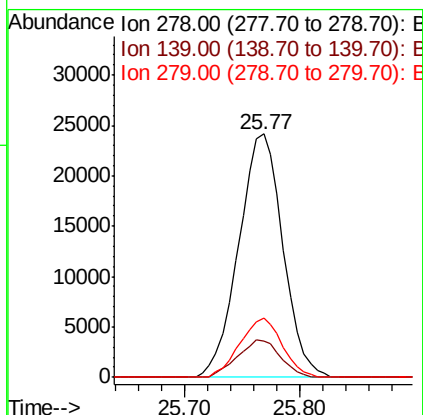
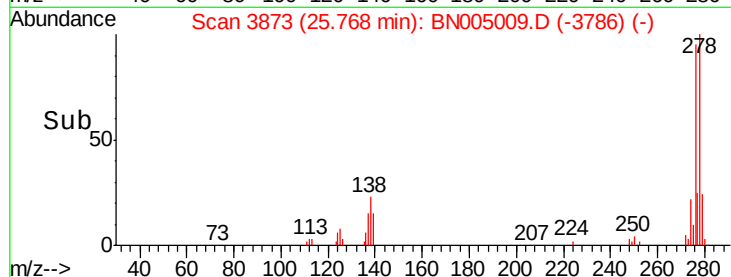
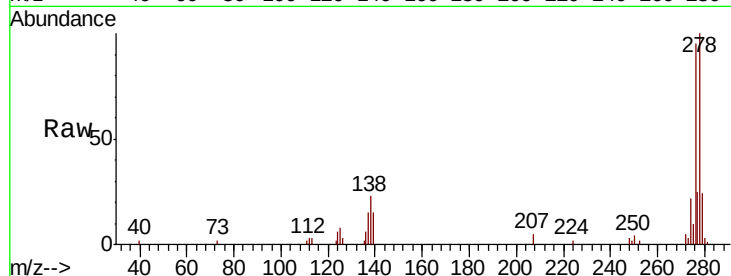


#91
Dibenzo(a,h)anthracene
Concen: 41.014 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.02 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Instrument :
BNA_N
ClientSampleId :
PB118303BS

Tgt Ion:278 Resp: 64128

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.8
279	24.3	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 41.112 ng
RT: 26.45 min Scan# 3989
Delta R.T. -0.02 min
Lab File: BN005009.D
Acq: 28 Mar 2019 00:00

Tgt Ion:276 Resp: 63571

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	20.0	16.2	24.2

