

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000735.D
 Acq On : 18 Apr 2018 11:39
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 18 12:19:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 12:16:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	169384	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	739898	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	382675	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	705562	20.00	ng	0.00
75) Chrysene-d12	21.22	240	563546	20.00	ng	0.00
86) Perylene-d12	23.41	264	491155	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	955816	83.32	ng	0.00
7) Phenol-d6	6.82	99	1312207	84.02	ng	0.00
23) Nitrobenzene-d5	8.78	82	1217757	87.09	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	324753	86.32	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2158107	77.73	ng	0.00
78) Terphenyl-d14	19.66	244	2218606	85.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	209205	39.751	ng	95
3) Pyridine	3.63	79	606327	42.686	ng	98
4) n-Nitrosodimethylamine	3.55	42	164247	42.693	ng	# 86
6) Aniline	6.98	93	859033	41.209	ng	93
8) 2-Chlorophenol	7.20	128	495985	41.861	ng	91
9) Benzaldehyde	6.79	77	302447	38.181	ng	94
10) Phenol	6.84	94	685575	41.286	ng	88
11) bis(2-Chloroethyl)ether	7.08	93	553031	40.538	ng	85
12) 1,3-Dichlorobenzene	7.53	146	556648	40.536	ng	100
13) 1,4-Dichlorobenzene	7.67	146	574199	41.275	ng	97
14) 1,2-Dichlorobenzene	7.98	146	537656	40.249	ng	96
15) Benzyl Alcohol	7.88	79	466020	43.811	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	587689	39.709	ng	80
17) 2-Methylphenol	8.08	107	463623	41.874	ng	96
18) Hexachloroethane	8.70	117	215053	41.941	ng	# 82
19) n-Nitroso-di-n-propylamine	8.44	70	420341	43.061	ng	# 83
20) 3+4-Methylphenols	8.40	107	650597	42.812	ng	95
22) Acetophenone	8.45	105	880631	41.336	ng	# 88
24) Nitrobenzene	8.82	77	645483	42.515	ng	# 96
25) Isophorone	9.35	82	1108155	42.933	ng	98
26) 2-Nitrophenol	9.52	139	257939	42.920	ng	94
27) 2,4-Dimethylphenol	9.59	122	422316	41.253	ng	95
28) bis(2-Chloroethoxy)methane	9.83	93	706649	41.612	ng	98
29) 2,4-Dichlorophenol	10.05	162	417070	41.965	ng	97
30) 1,2,4-Trichlorobenzene	10.27	180	488700	40.819	ng	97
31) Naphthalene	10.45	128	1579152	39.499	ng	98
32) Benzoic acid	9.75	122	380653	45.305	ng	93
33) 4-Chloroaniline	10.56	127	676167	41.613	ng	96
34) Hexachlorobutadiene	10.74	225	258779	40.186	ng	97
35) Caprolactam	11.34	113	147681	45.531	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	505547	42.753	ng	99
37) 2-Methylnaphthalene	12.07	142	1046531	40.002	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	473028	40.201	ng	# 97
40) Hexachlorocyclopentadiene	12.42	237	276187	42.088	ng	93

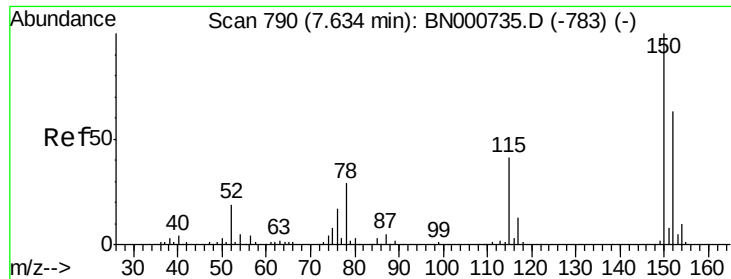
Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	302445	43.470	nq	97
43) 2,4,5-Trichlorophenol	12.75	196	343494	42.480	nq	# 93
45) 1,1'-Biphenyl	13.10	154	1375397	40.035	nq	96
46) 2-Chloronaphthalene	13.13	162	1016984	39.391	nq	97
47) 2-Nitroaniline	13.34	65	307950	42.056	nq	86
48) Acenaphthylene	13.99	152	1661789	40.847	nq	98
49) Dimethylphthalate	13.74	163	1235167	40.547	nq	99
50) 2,6-Dinitrotoluene	13.85	165	267925	42.475	nq	93
51) Acenaphthene	14.33	154	995597	39.606	nq	98
52) 3-Nitroaniline	14.17	138	307042	42.503	nq	# 95
53) 2,4-Dinitrophenol	14.37	184	122075	43.082	nq	98
54) Dibenzofuran	14.67	168	1470761	40.699	nq	96
55) 4-Nitrophenol	14.48	139	223723	40.688	nq	86
56) 2,4-Dinitrotoluene	14.63	165	351455	42.912	nq	95
57) Fluorene	15.32	166	1173491	41.116	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.81	232	276820	44.182	nq	93
59) Diethylphthalate	15.11	149	1267750	42.347	nq	97
60) 4-Chlorophenyl-phenylether	15.32	204	540772	40.528	nq	93
61) 4-Nitroaniline	15.34	138	303788	43.144	nq	94
62) Azobenzene	15.62	77	1373146	41.560	nq	90
64) 4,6-Dinitro-2-methylphenol	15.40	198	189185	44.999	nq	88
65) n-Nitrosodiphenylamine	15.53	169	1024584	43.515	nq	97
66) 4-Bromophenyl-phenylether	16.22	248	306565	43.453	nq	# 89
67) Hexachlorobenzene	16.32	284	347201	42.623	nq	# 90
68) Atrazine	16.49	200	293927	45.114	nq	94
69) Pentachlorophenol	16.66	266	229352	43.362	nq	99
70) Phenanthrene	17.06	178	1671663	40.763	nq	100
71) Anthracene	17.15	178	1648174	41.207	nq	99
72) Carbazole	17.42	167	1528913	40.346	nq	98
73) Di-n-butylphthalate	18.00	149	1816050	41.214	nq	98
74) Fluoranthene	19.08	202	1657982	40.392	nq	94
76) Benzidine	19.27	184	622070	40.381	nq	96
77) Pyrene	19.44	202	1755697	43.589	nq	99
79) Butylbenzylphthalate	20.37	149	718223	43.867	nq	98
80) Benzo(a)anthracene	21.20	228	1432527	40.397	nq	98
81) 3,3'-Dichlorobenzidine	21.15	252	462971	42.847	nq	# 97
82) Chrysene	21.26	228	1374026	39.726	nq	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1083195	42.647	nq	# 95
84) Di-n-octyl phthalate	22.04	149	1533901	43.073	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.26	276	1105954	37.612	nq	# 91
87) Benzo(b)fluoranthene	22.76	252	1222125	41.001	nq	# 96
88) Benzo(k)fluoranthene	22.80	252	1237220	41.298	nq	# 96
89) Benzo(a)pyrene	23.32	252	1152820	42.339	nq	# 94
90) Dibenzo(a,h)anthracene	25.61	278	1128013	42.026	nq	# 91
91) Benzo(g,h,i)perylene	26.26	276	1105954	42.448	nq	# 91

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

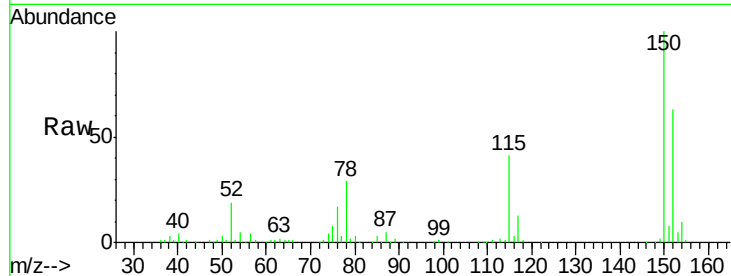


#1

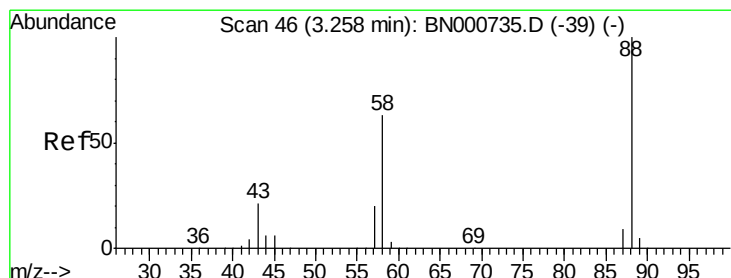
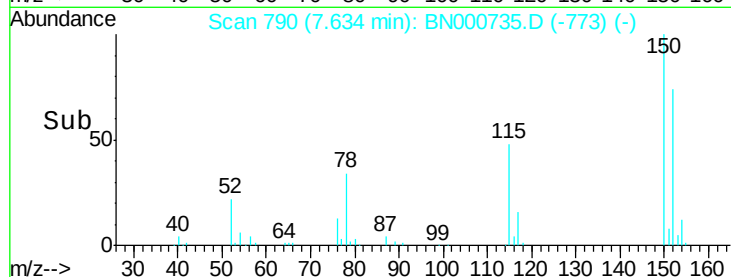
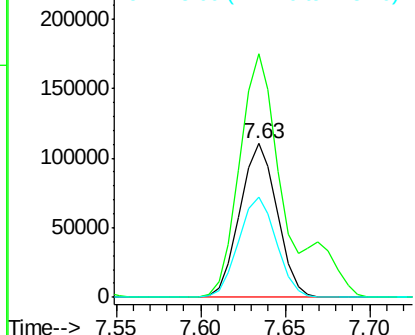
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 169384
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 65.6 53.0 79.4



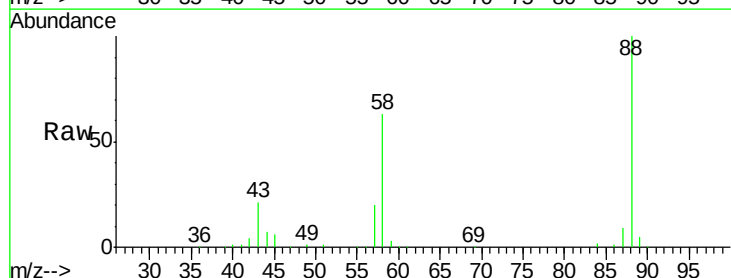
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



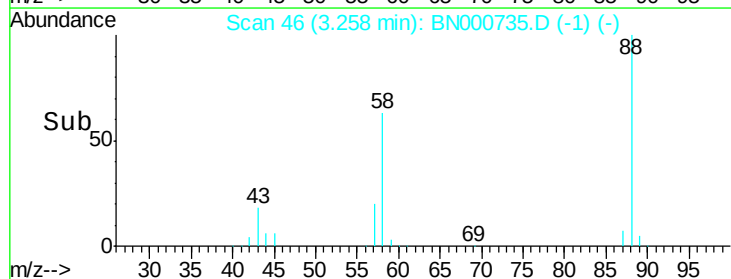
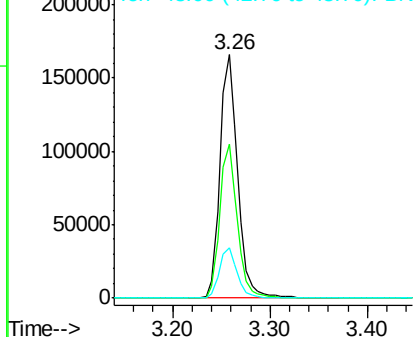
#2

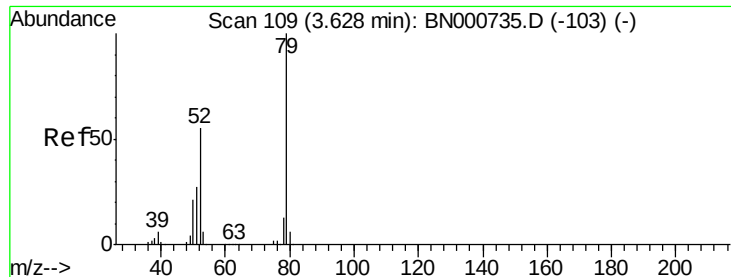
1,4-Dioxane
Concen: 39.751 ng
RT: 3.26 min Scan# 46
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion: 88 Resp: 209205
Ion Ratio Lower Upper
88 100
58 62.0 52.0 78.0
43 20.7 20.0 30.0



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





#3

Pvridine

Concen: 42.686 ng

RT: 3.63 min Scan# 109

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

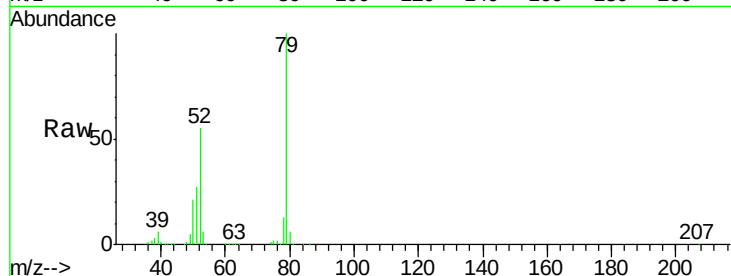
Tot Ion: 79 Resp: 606327

Ion Ratio Lower Upper

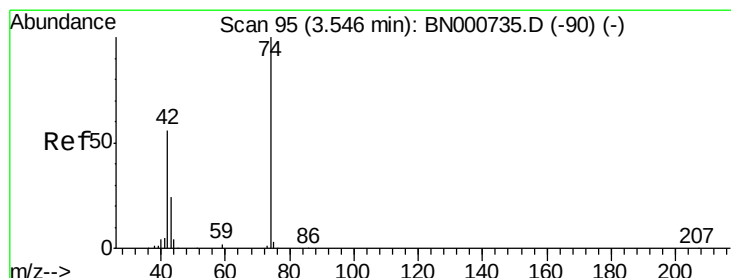
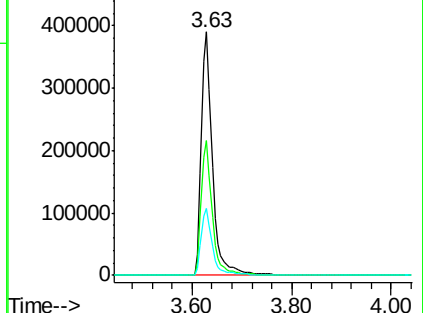
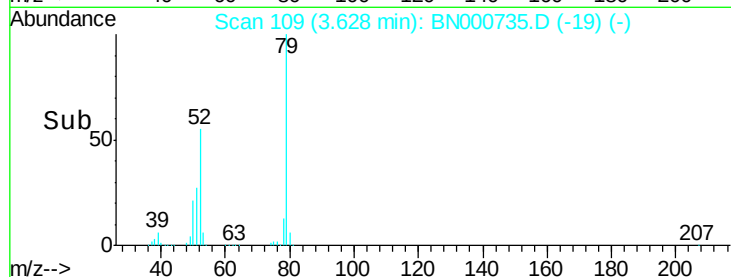
79 100

52 55.4 44.0 66.0

51 27.5 24.0 36.0



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: 42.693 ng

RT: 3.55 min Scan# 95

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

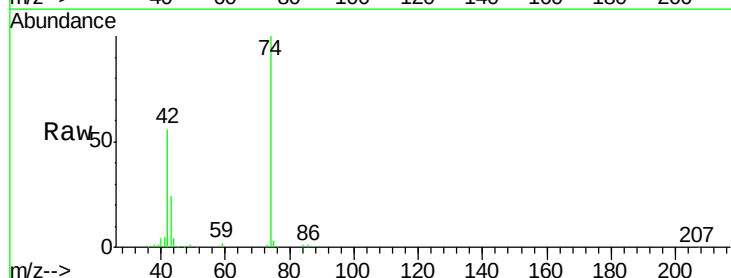
Tgt Ion: 42 Resp: 164247

Ion Ratio Lower Upper

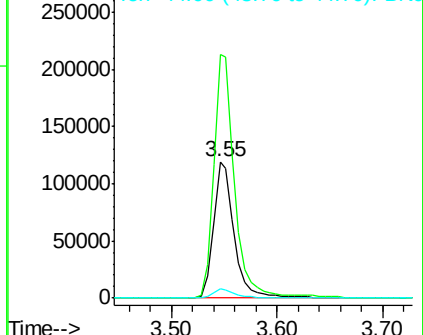
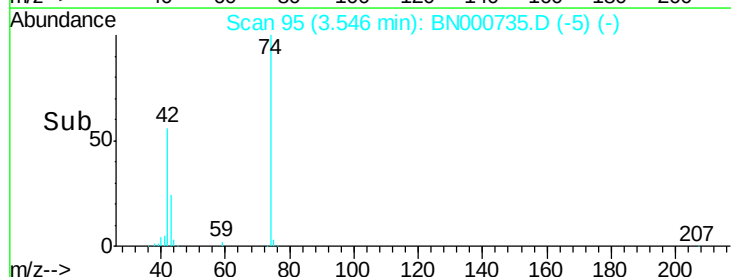
42 100

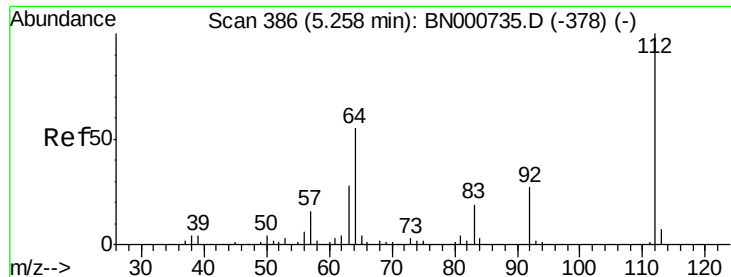
74 178.3 128.0 192.0

44 6.7 12.0 18.0#



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: 83.320 ng

RT: 5.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

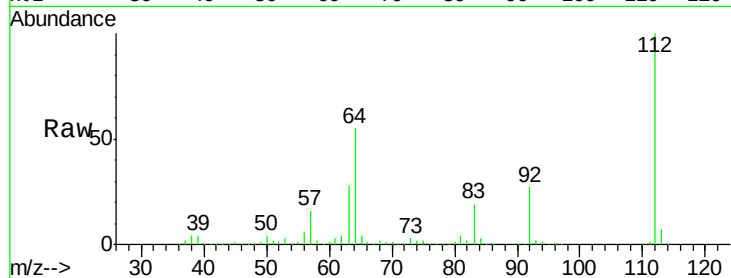
Tot Ion:112 Resp: 955816

Ion Ratio Lower Upper

112 100

64 55.4 56.3 84.5#

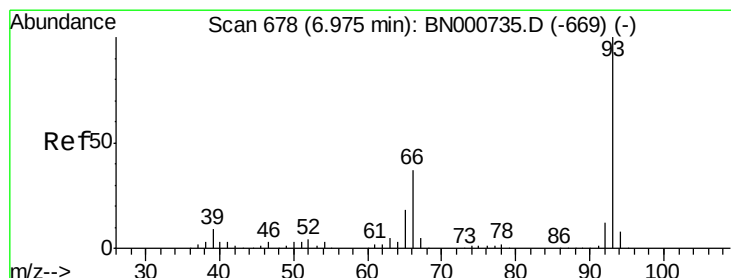
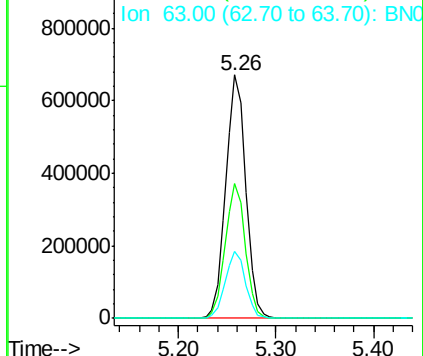
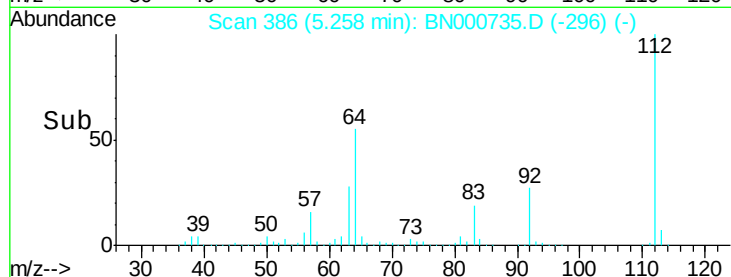
63 27.7 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 41.209 ng

RT: 6.98 min Scan# 678

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

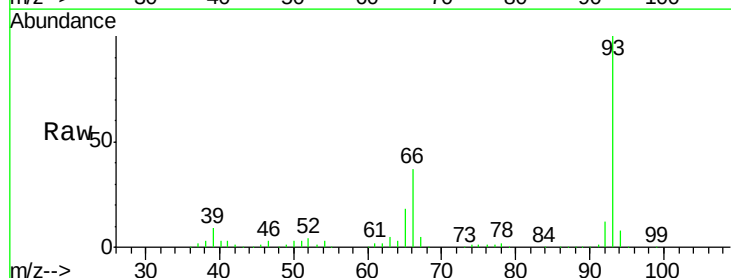
Tgt Ion: 93 Resp: 859033

Ion Ratio Lower Upper

93 100

66 36.7 33.7 50.5

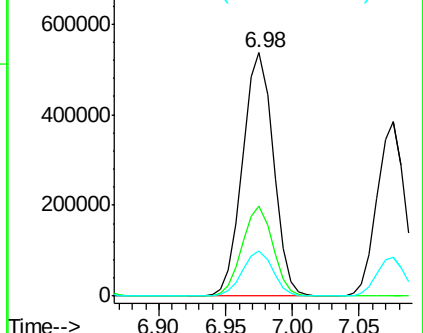
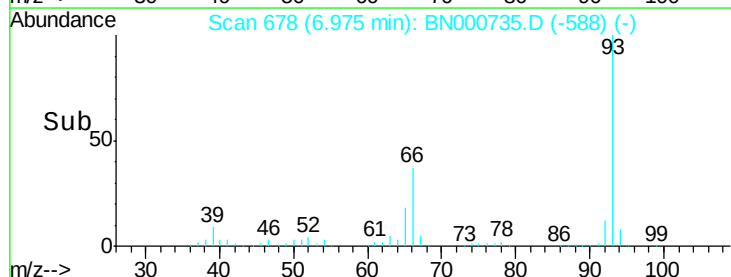
65 18.3 16.1 24.1

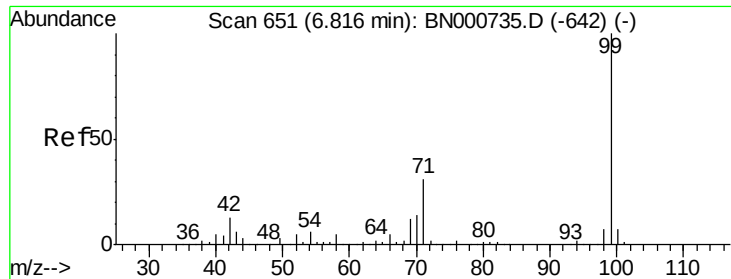


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 84.025 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

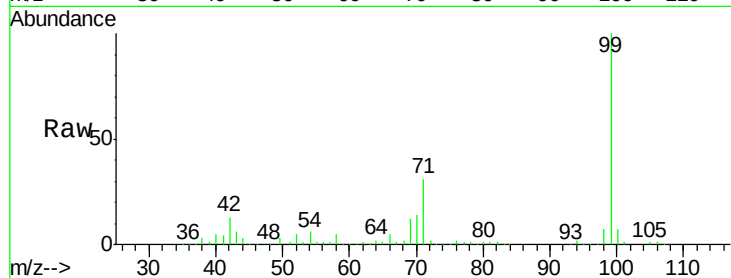
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 1312207

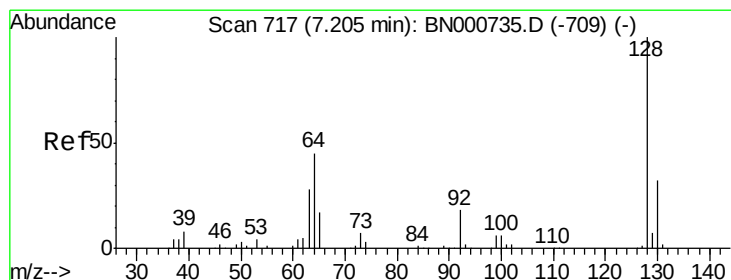
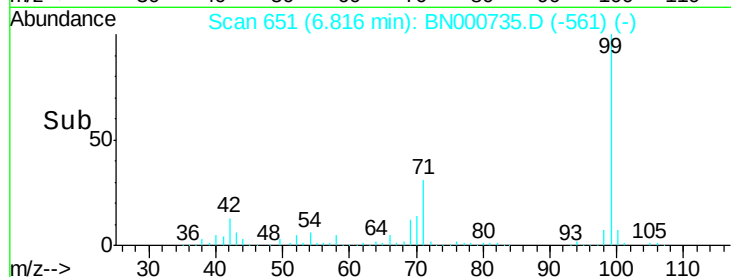
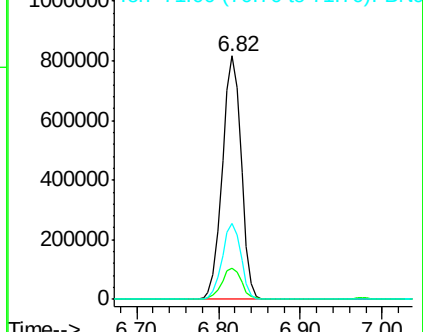
Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	31.1	26.1	39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000735.D (-642) (-)

Ion 42.00 (41.70 to 42.70): BN000735.D (-642) (-)

Ion 71.00 (70.70 to 71.70): BN000735.D (-642) (-)



#8

2-Chlorophenol

Concen: 41.861 ng

RT: 7.20 min Scan# 717

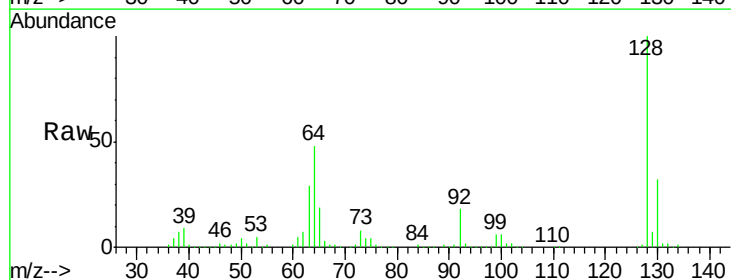
Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Tgt Ion: 128 Resp: 495985

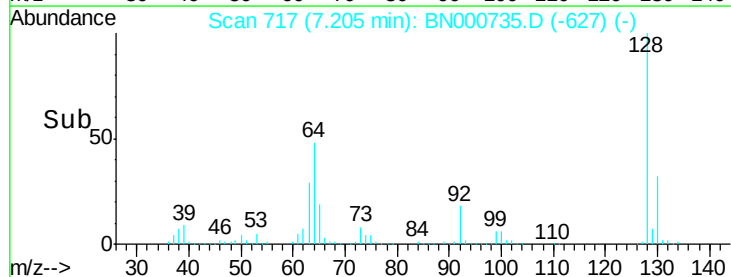
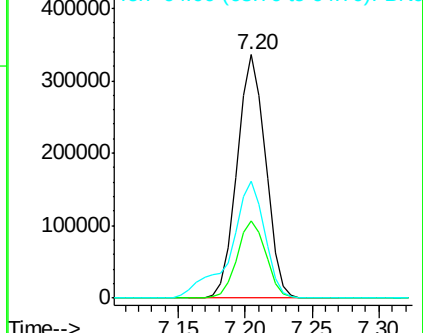
Ion	Ratio	Lower	Upper
128	100		
130	31.9	14.0	54.0
64	48.1	37.7	77.7

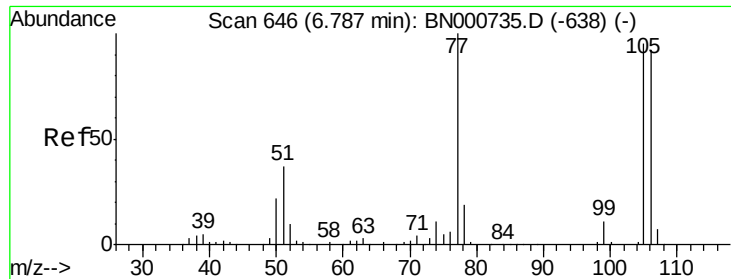


Abundance Ion 128.00 (127.70 to 128.70): BN000735.D (-709) (-)

Ion 130.00 (129.70 to 130.70): BN000735.D (-709) (-)

Ion 64.00 (63.70 to 64.70): BN000735.D (-709) (-)





#9

Benzaldehyde

Concen: 38.181 ng

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampled :

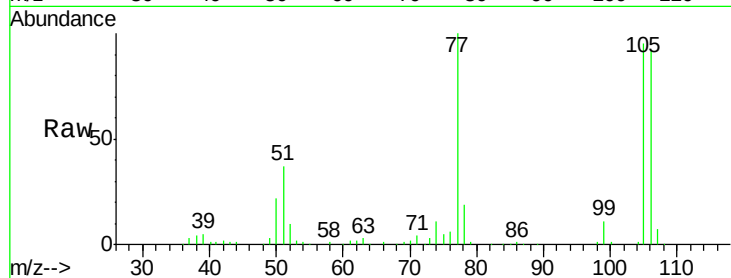
Tot Ion: 77 Resp: 302447

Ion Ratio Lower Upper

77 100

105 94.7 71.3 111.3

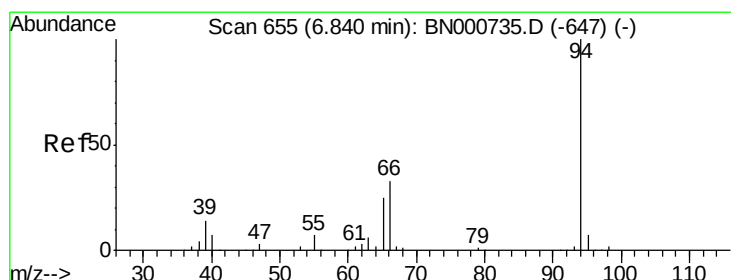
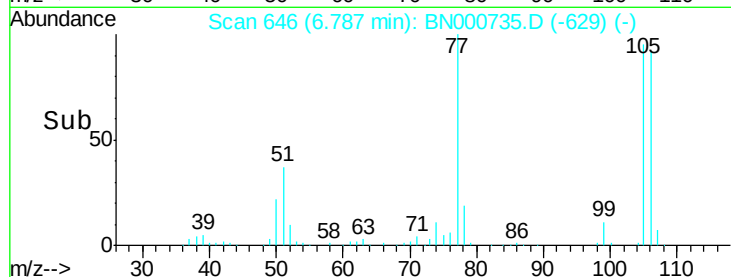
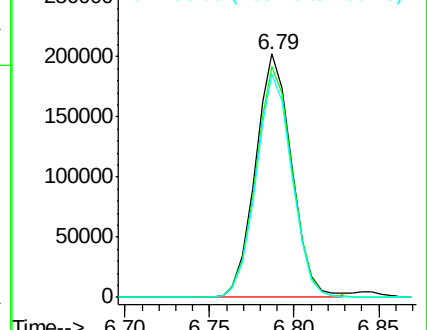
106 91.6 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 41.286 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

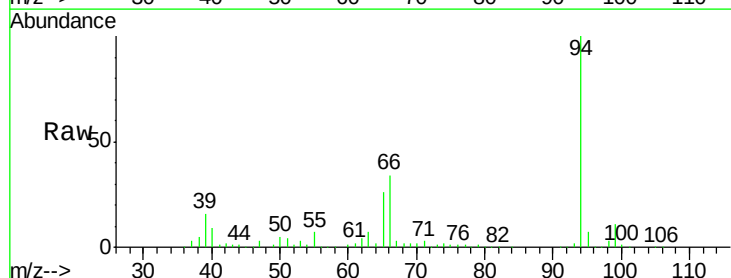
Tgt Ion: 94 Resp: 685575

Ion Ratio Lower Upper

94 100

65 25.6 11.9 51.9

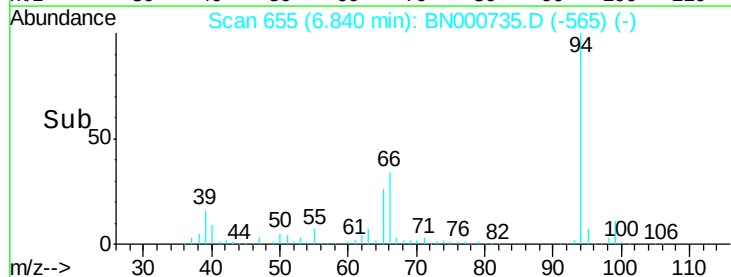
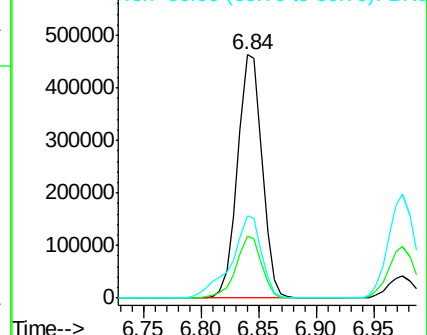
66 33.9 22.2 62.2

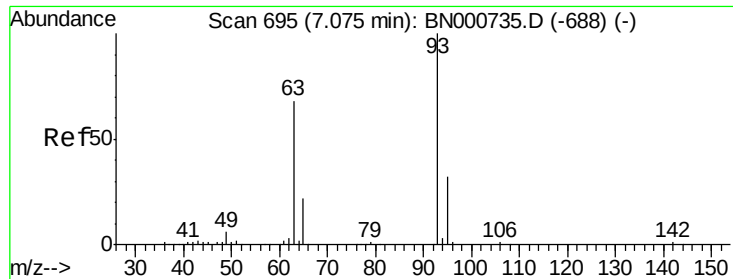


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0

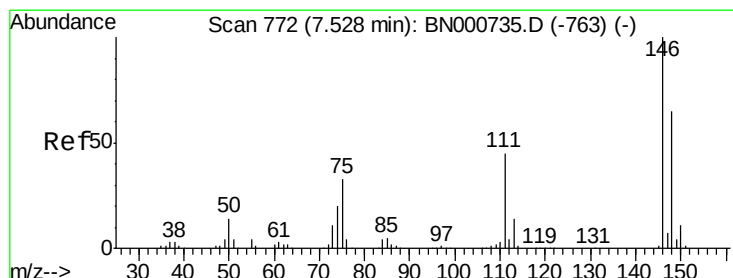
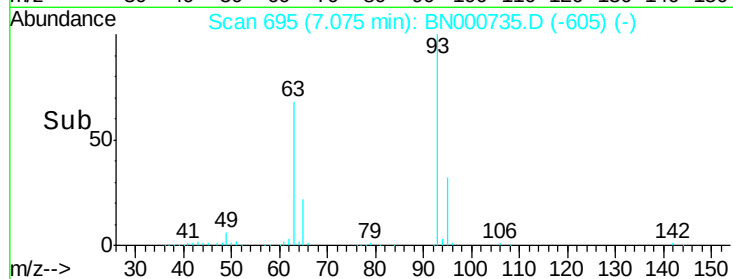
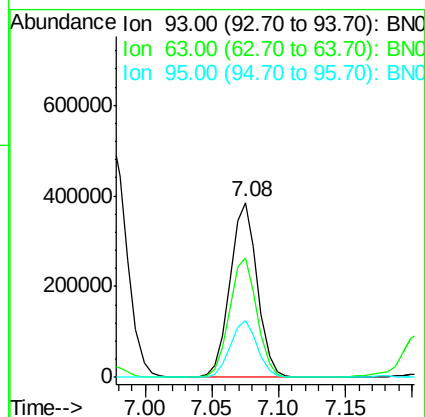
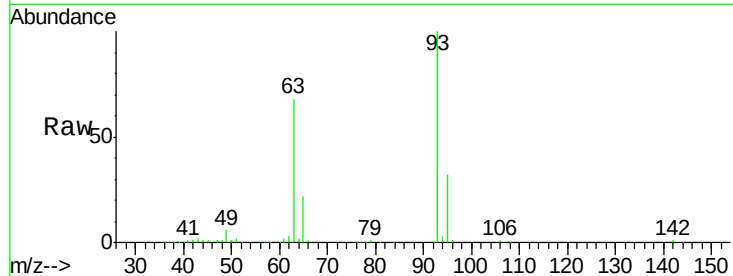




#11
bis(2-Chloroethyl)ether
Concen: 40.538 ng
RT: 7.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

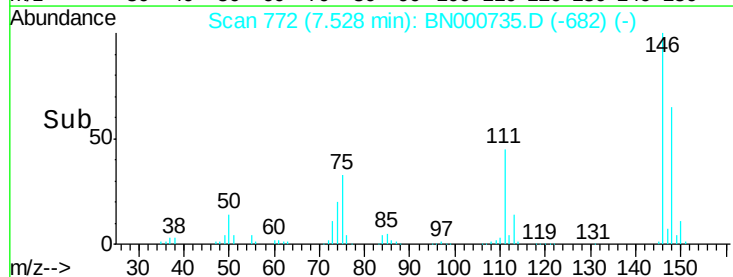
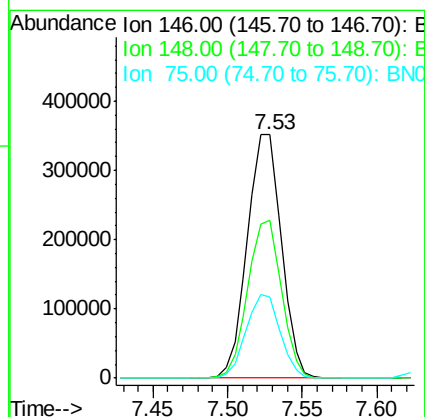
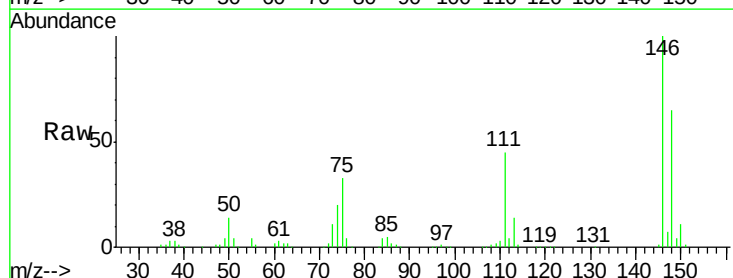
Instrument :
BNA_N
ClientSampleId :

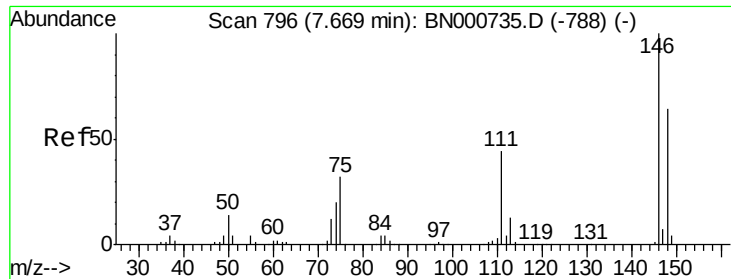
Tot Ion: 93 Resp: 553031
Ion Ratio Lower Upper
93 100
63 68.2 67.1 107.1
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.536 ng
RT: 7.53 min Scan# 772
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion: 146 Resp: 556648
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 33.3 26.6 39.8

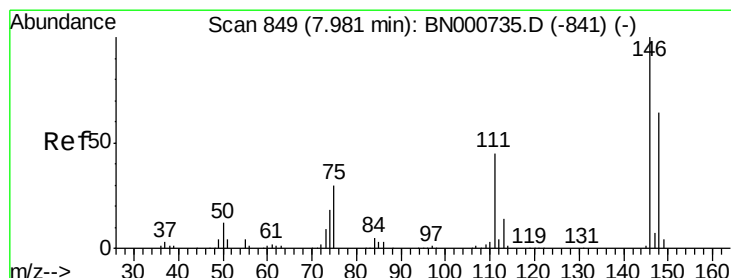
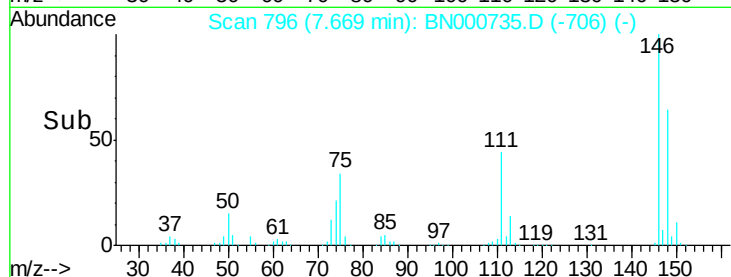
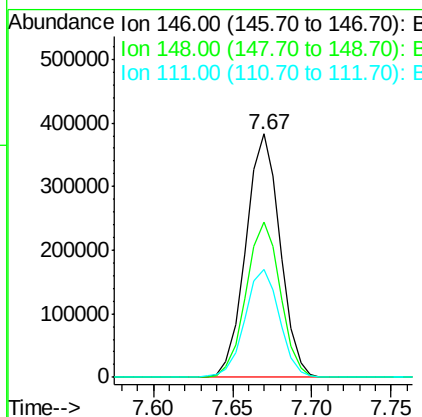
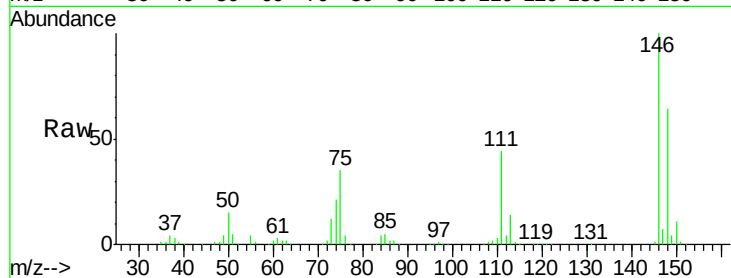




#13
 1,4-Dichlorobenzene
 Concen: 41.275 ng
 RT: 7.67 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

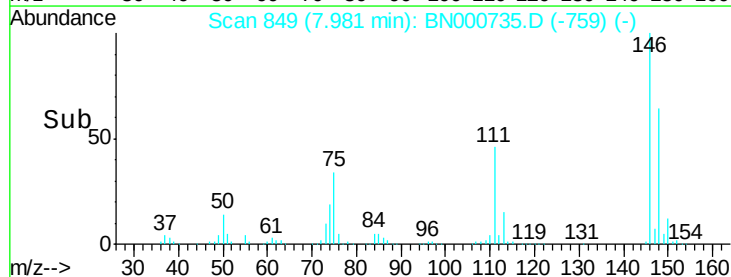
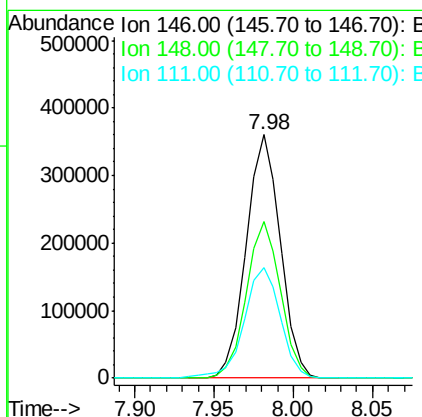
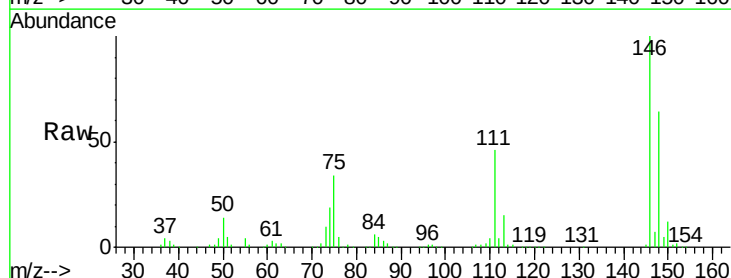
Instrument :
 BNA_N
 ClientSampled :

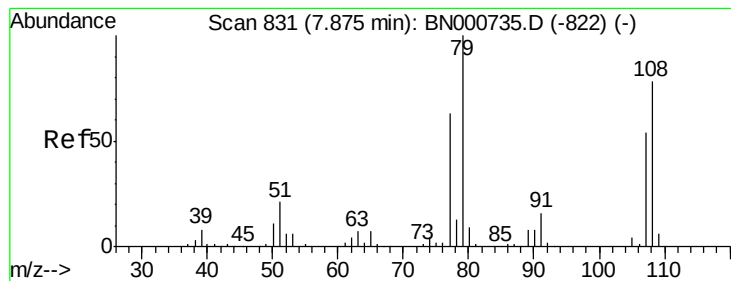
Tot Ion:146 Resp: 574199
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.7 80.5
 111 44.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.249 ng
 RT: 7.98 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:146 Resp: 537656
 Ion Ratio Lower Upper
 146 100
 148 64.3 49.3 73.9
 111 45.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.811 ng

RT: 7.88 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

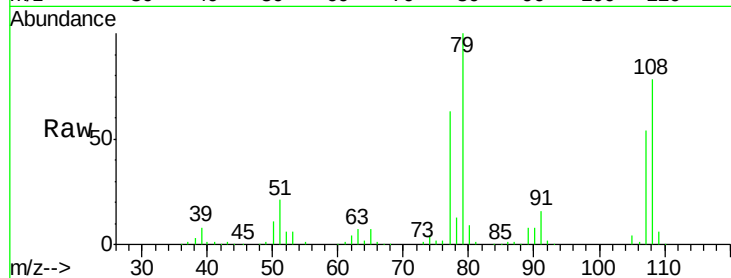
Tot Ion: 79 Resp: 466020

Ion Ratio Lower Upper

79 100

108 77.5 57.2 85.8

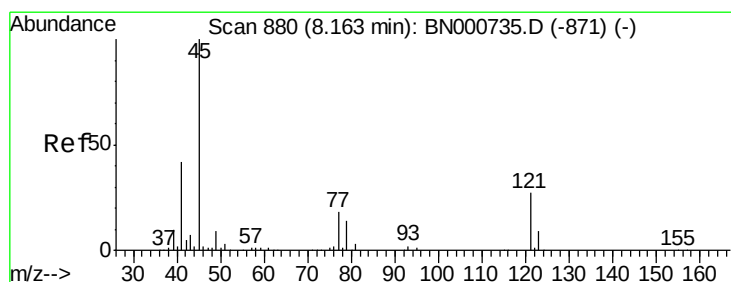
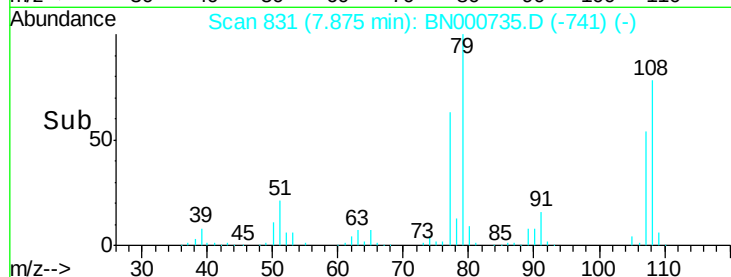
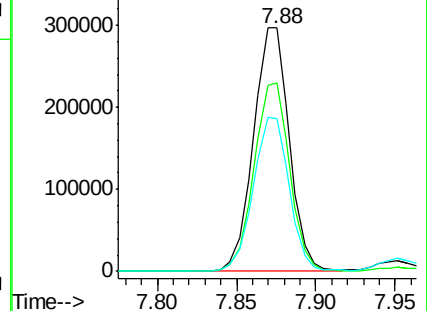
77 62.9 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN000735.D (-822) (-)

Ion 108.00 (107.70 to 108.70): BN000735.D (-822) (-)

Ion 77.00 (76.70 to 77.70): BN000735.D (-822) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.709 ng

RT: 8.16 min Scan# 880

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

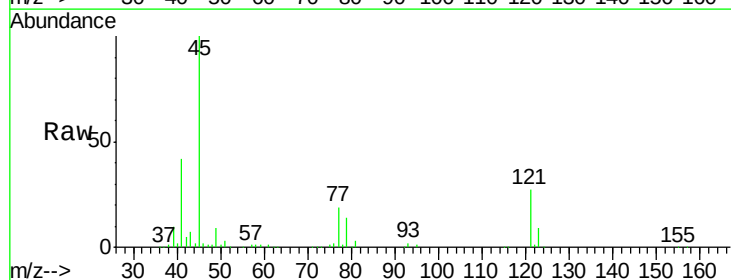
Tgt Ion: 45 Resp: 587689

Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

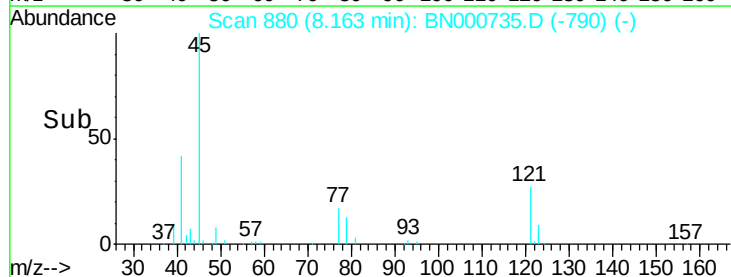
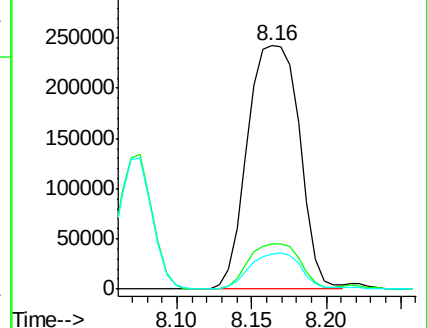
79 14.2 0.0 27.9

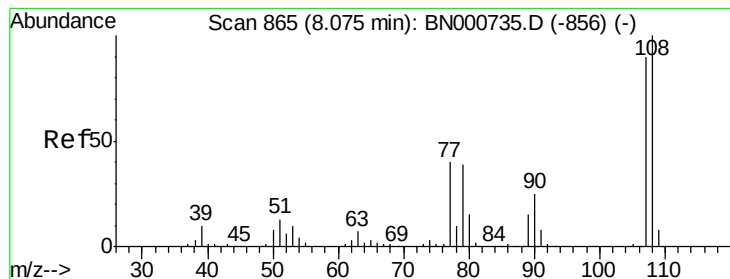


Abundance Ion 45.00 (44.70 to 45.70): BN000735.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BN000735.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BN000735.D (-871) (-)

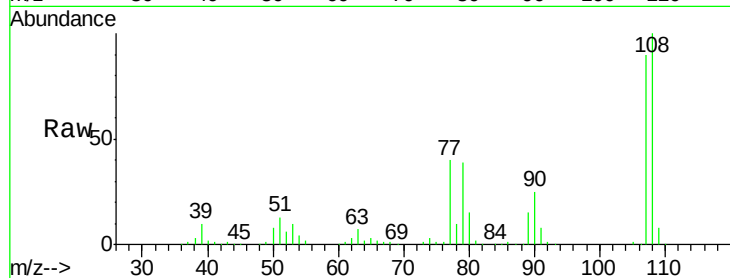




#17
2-Methylphenol
Concen: 41.874 ng
RT: 8.08 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	83.9	125.9
77	44.8	37.2	55.8
79	43.4	36.2	54.2



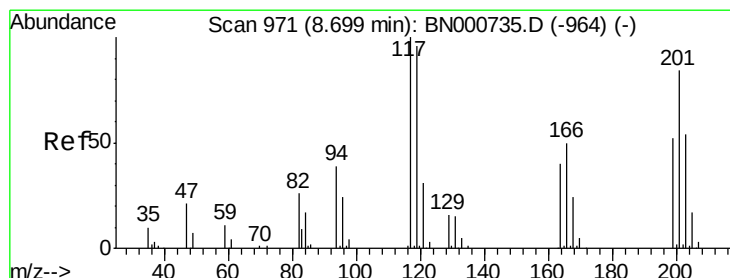
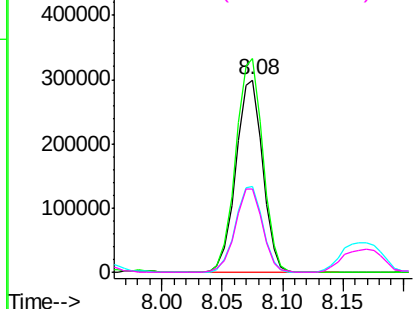
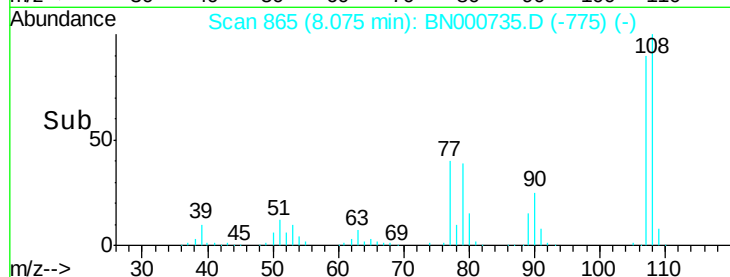
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

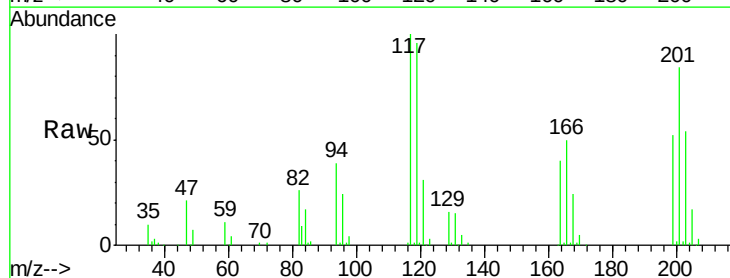
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 41.941 ng
RT: 8.70 min Scan# 971
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.7	115.1
201	84.0	95.7	143.5

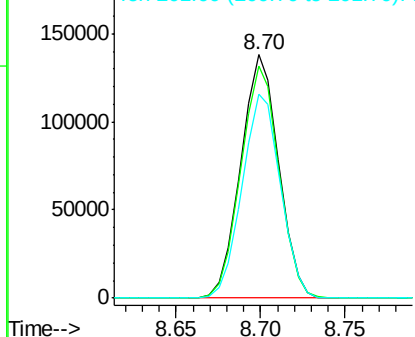
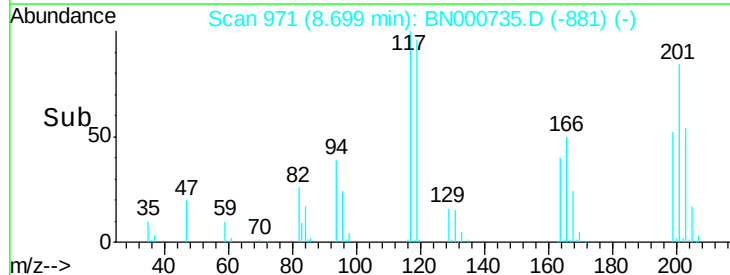


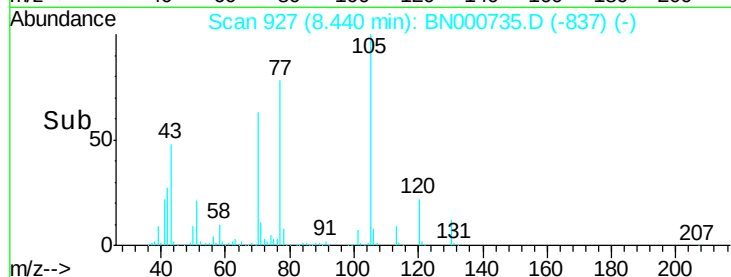
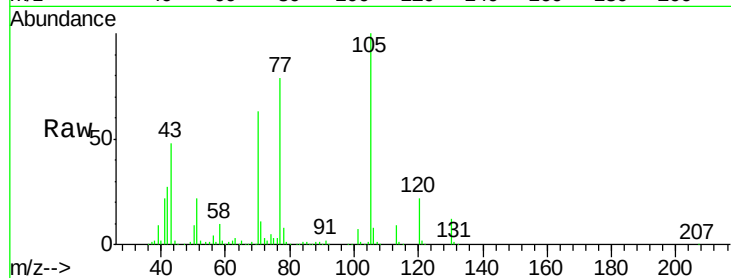
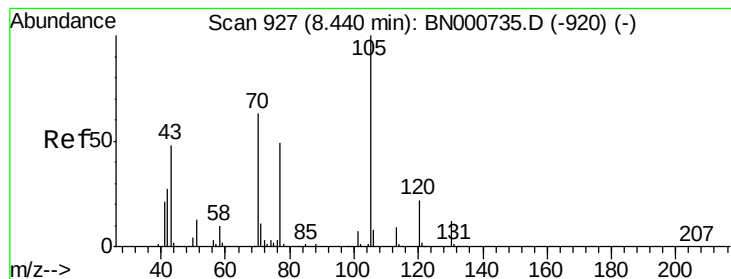
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.061 ng

RT: 8.44 min Scan# 927

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 420341

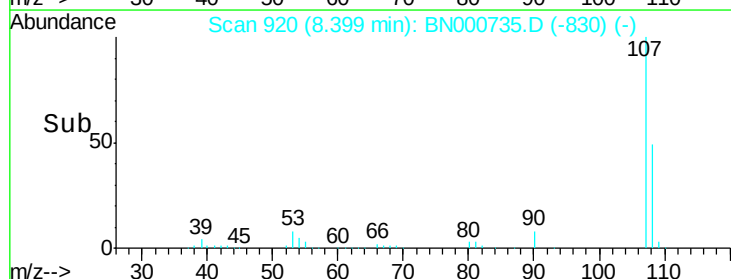
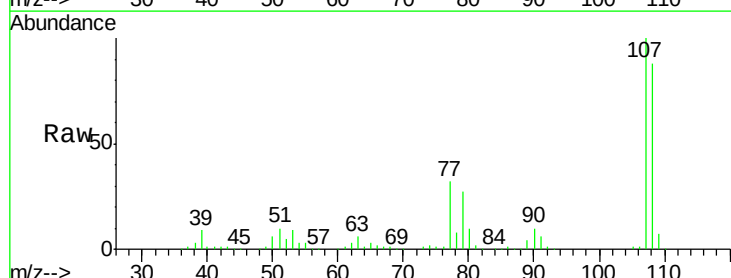
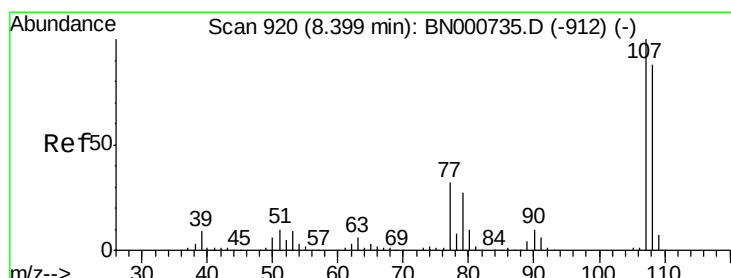
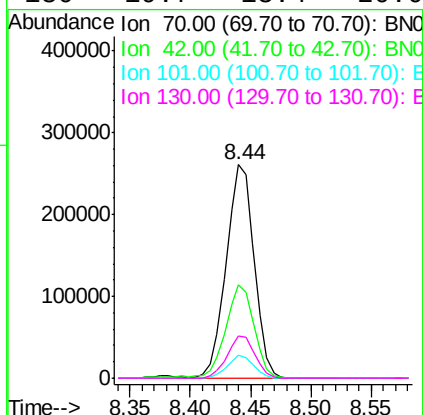
Ion Ratio Lower Upper

70 100

42 43.6 49.1 73.7#

101 10.5 8.5 12.7

130 19.7 13.4 20.0



#20

3+4-Methylphenols

Concen: 42.812 ng

RT: 8.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Tgt Ion:107 Resp: 650597

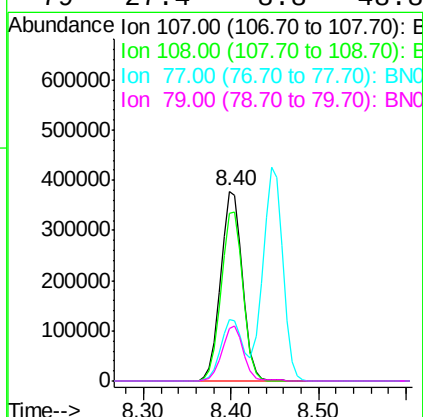
Ion Ratio Lower Upper

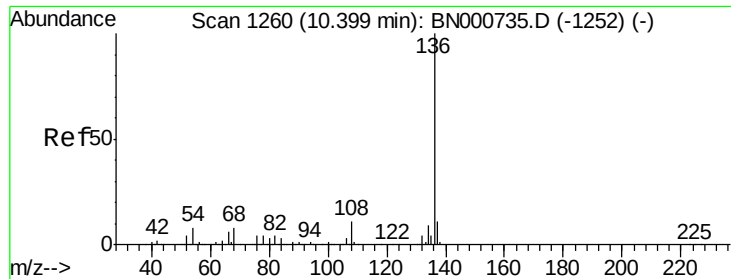
107 100

108 88.1 61.6 101.6

77 32.4 13.9 53.9

79 27.4 8.8 48.8

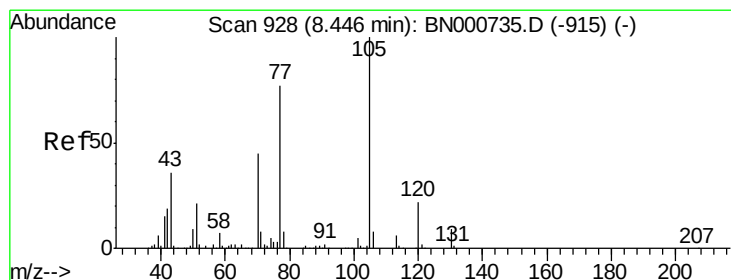
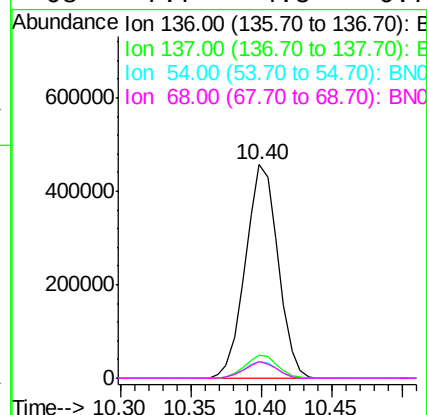
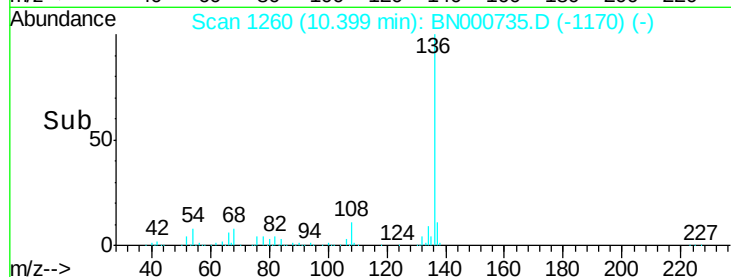
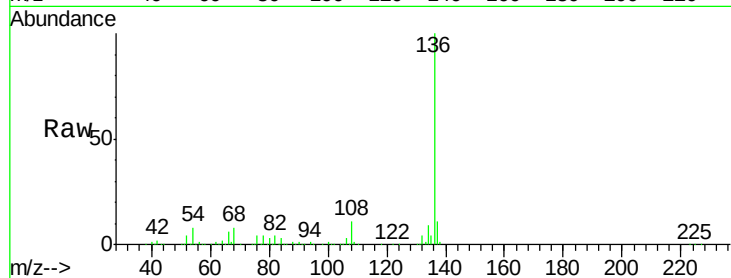




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

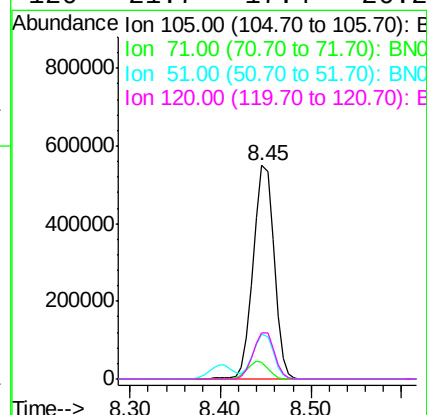
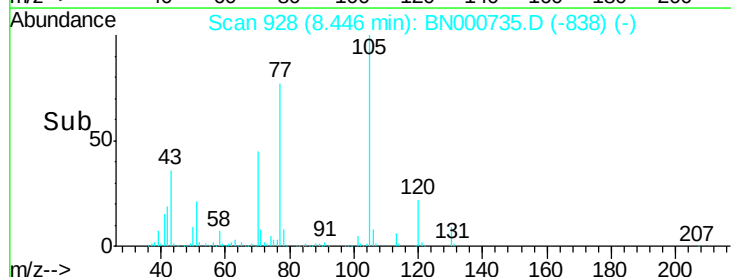
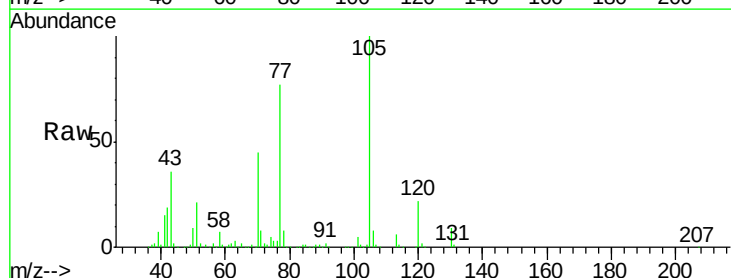
Instrument :
BNA_N
ClientSampleId :

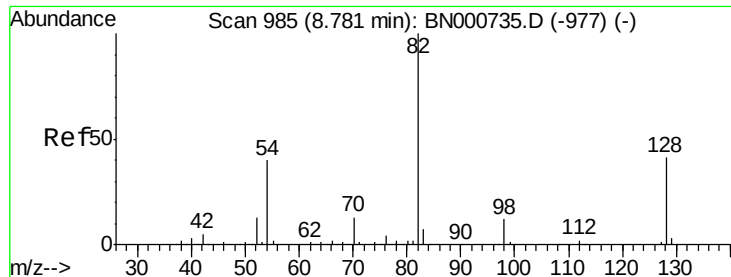
Tot Ion:136	Resp:	739898
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.9	10.3 15.5#
68	7.7	4.5 6.7#



#22
Acetophenone
Concen: 41.336 ng
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:105	Resp:	880631
Ion Ratio	Lower	Upper
105	100	
71	7.7	3.0 4.4#
51	21.0	26.1 39.1#
120	21.7	17.4 26.2

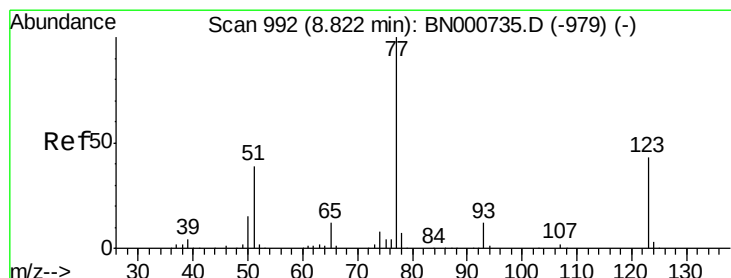
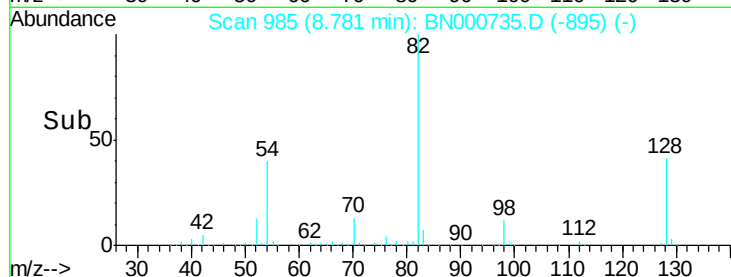
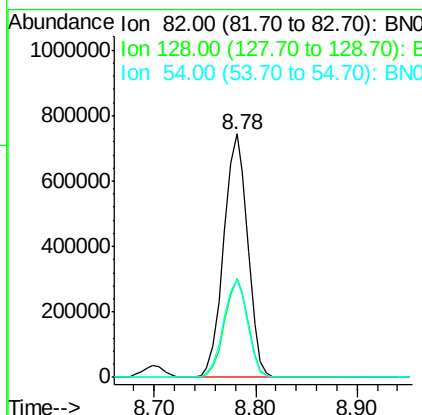
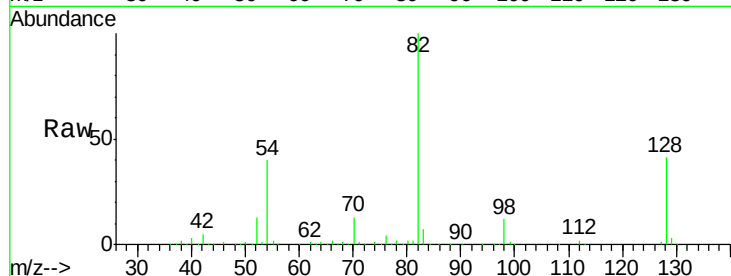




#23
Nitrobenzene-d5
Concen: 87.094 ng
RT: 8.78 min Scan# 985
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

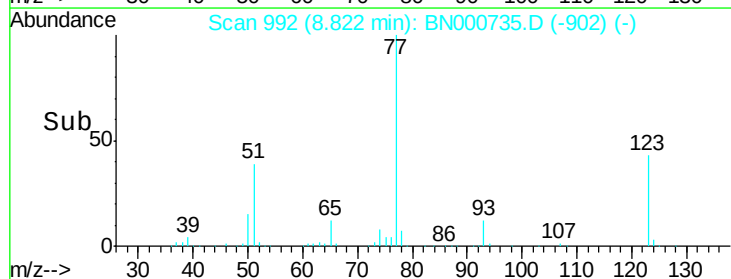
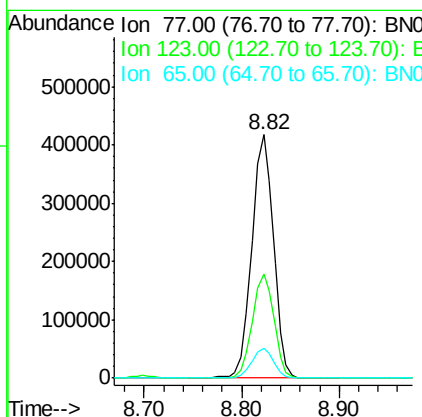
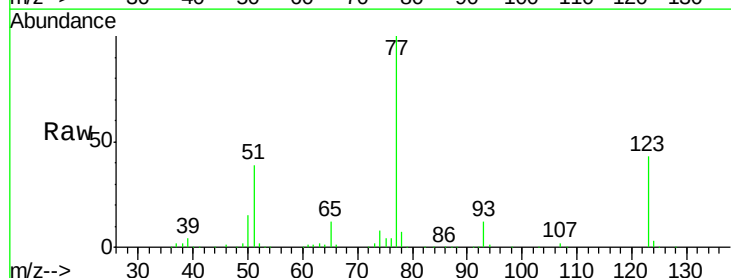
Instrument :
BNA_N
ClientSampleId :

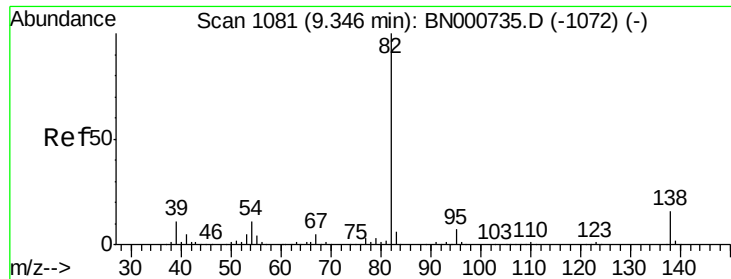
Tot Ion: 82 Resp: 1217757
Ion Ratio Lower Upper
82 100
128 40.6 29.7 44.5
54 40.0 43.1 64.7#



#24
Nitrobenzene
Concen: 42.515 ng
RT: 8.82 min Scan# 992
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion: 77 Resp: 645483
Ion Ratio Lower Upper
77 100
123 42.7 33.0 49.6
65 12.2 13.0 19.6#





#25

Isophorone

Concen: 42.933 ng

RT: 9.35 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

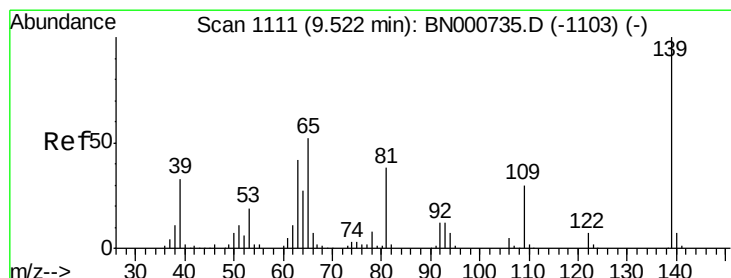
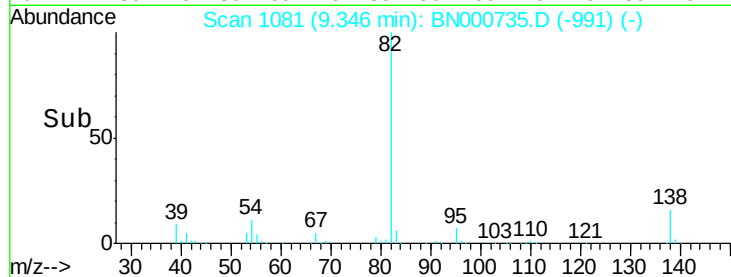
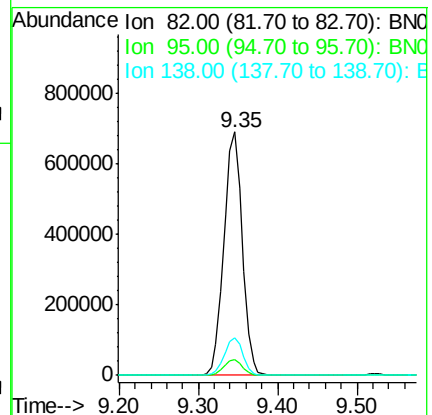
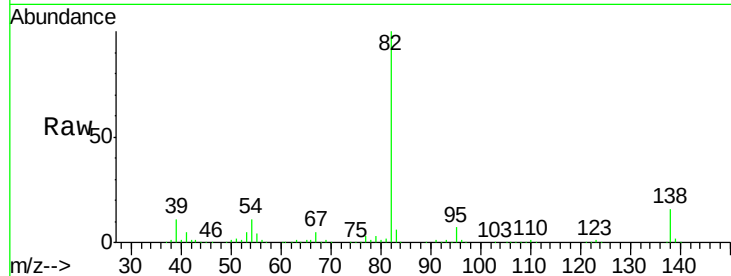
Tot Ion: 82 Resp: 1108155

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 15.5 12.1 18.1



#26

2-Nitrophenol

Concen: 42.920 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

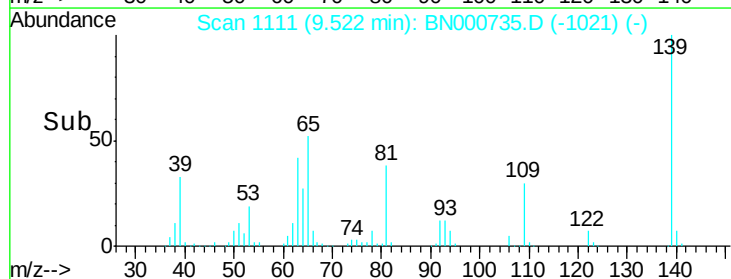
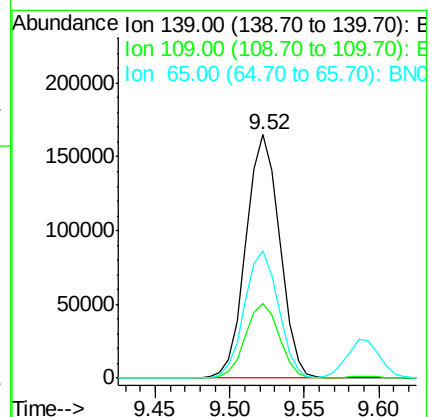
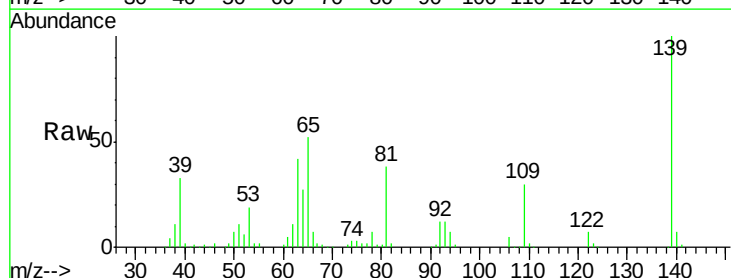
Tgt Ion: 139 Resp: 257939

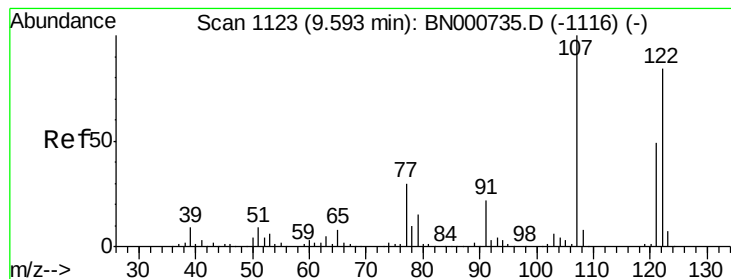
Ion Ratio Lower Upper

139 100

109 30.5 24.2 36.2

65 52.4 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 41.253 ng

RT: 9.59 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

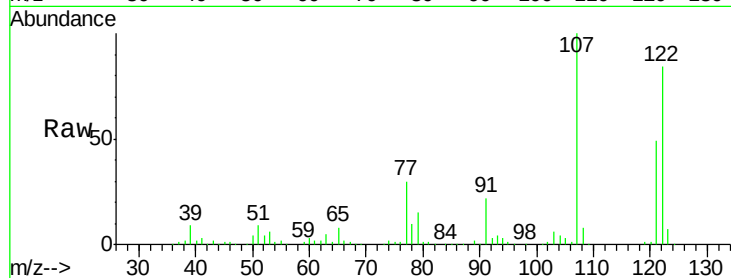
Tot Ion:122 Resp: 422316

Ion Ratio Lower Upper

122 100

107 119.6 100.2 150.2

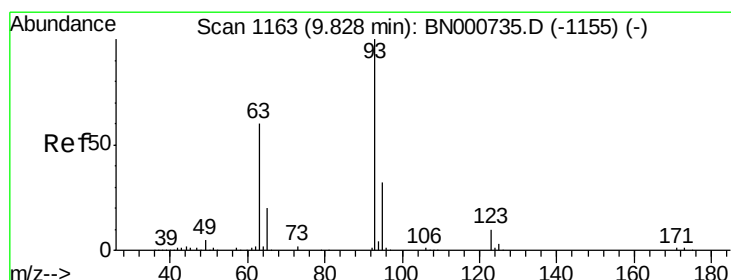
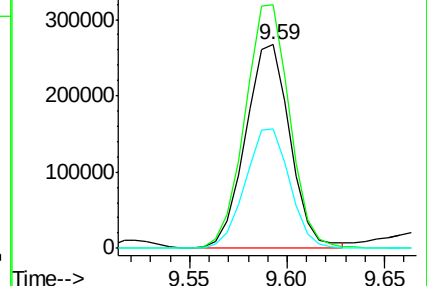
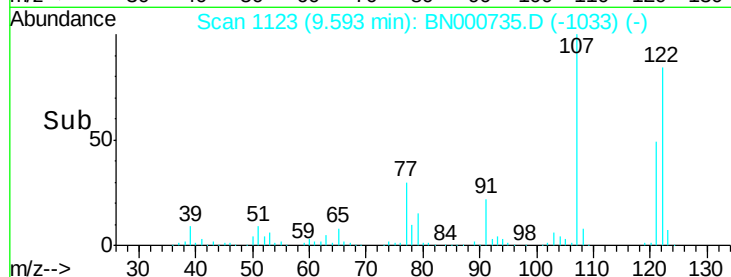
121 58.8 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.612 ng

RT: 9.83 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

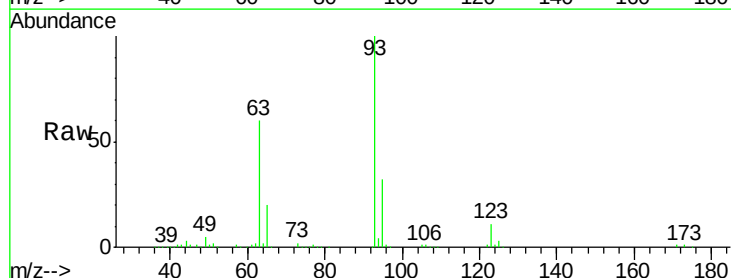
Tgt Ion: 93 Resp: 706649

Ion Ratio Lower Upper

93 100

95 32.1 24.3 36.5

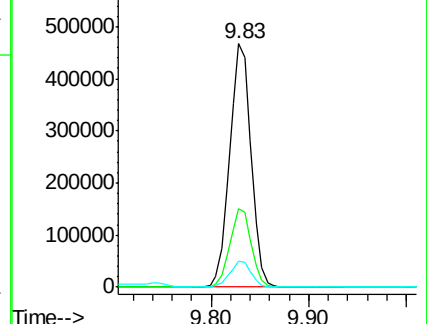
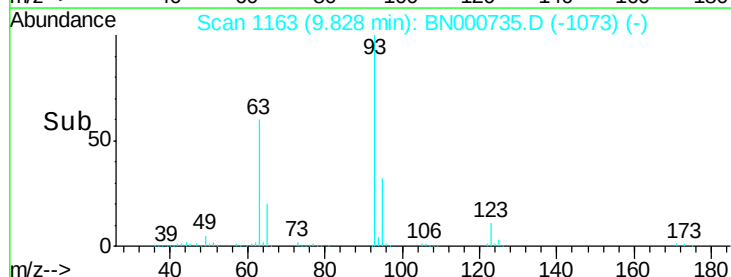
123 10.5 8.4 12.6

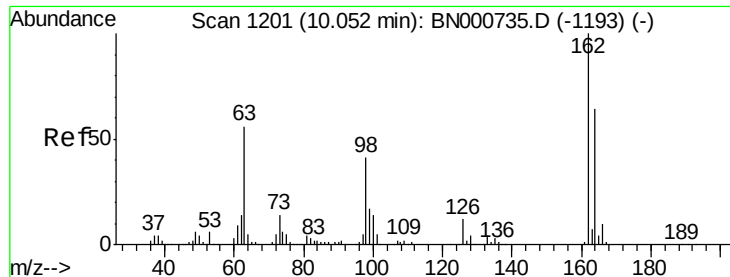


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

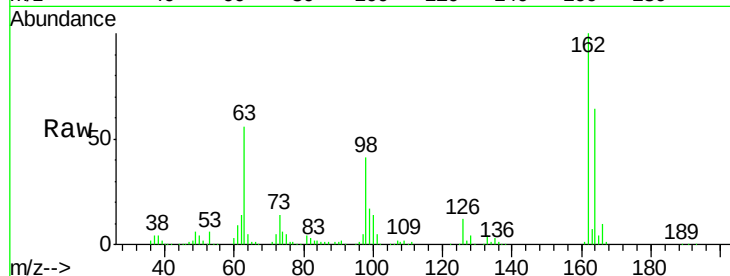




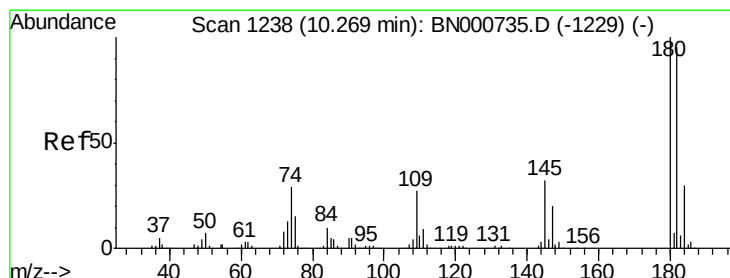
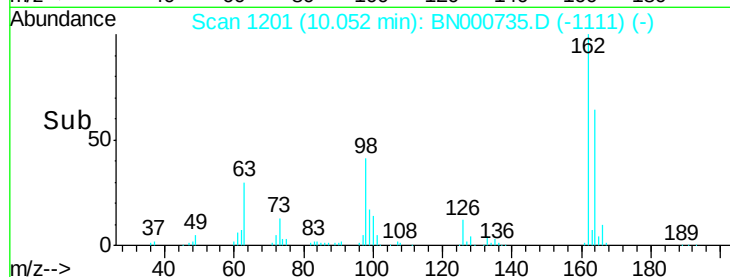
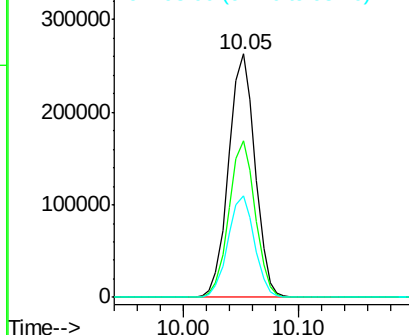
#29
2,4-Dichlorophenol
Concen: 41.965 ng
RT: 10.05 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.0	88.0
98	41.5	21.1	61.1

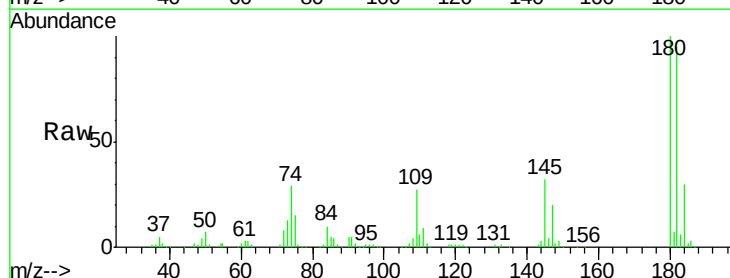


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

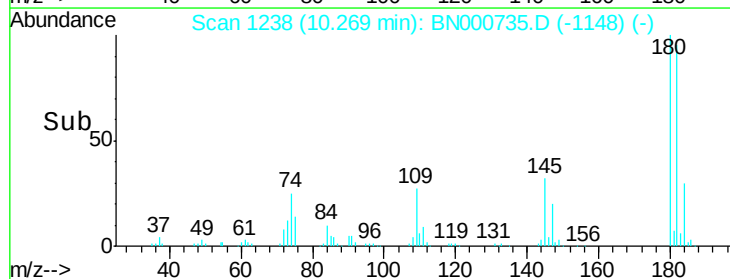
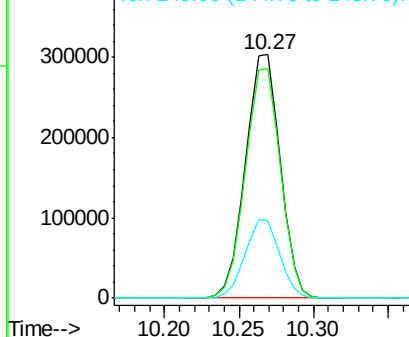


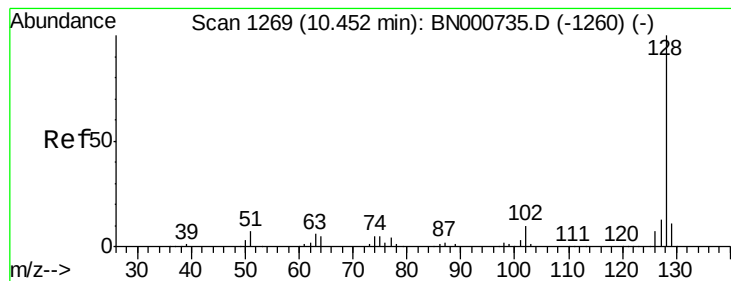
#30
1,2,4-Trichlorobenzene
Concen: 40.819 ng
RT: 10.27 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.5	116.3
145	32.0	23.4	35.2



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: 39.499 ng

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

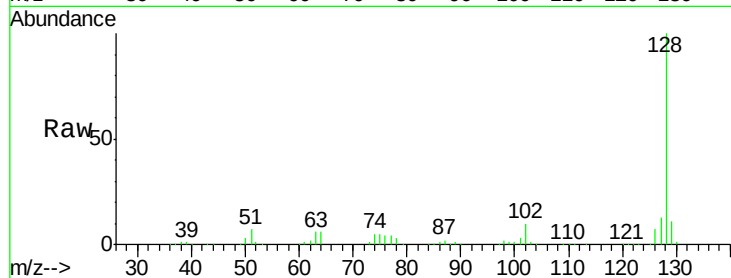
Tot Ion:128 Resp: 1579152

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

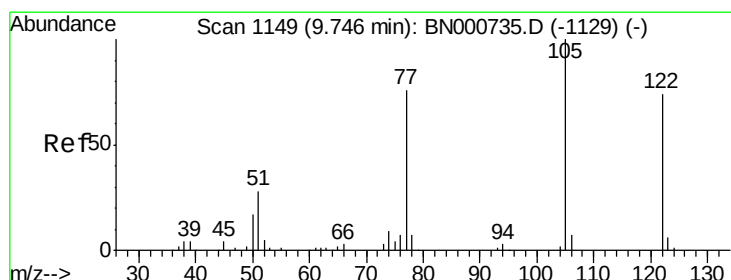
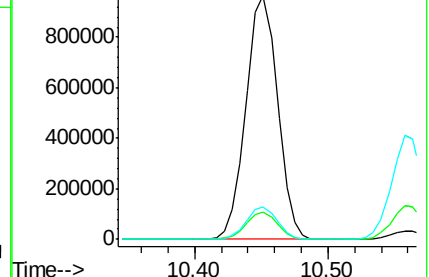
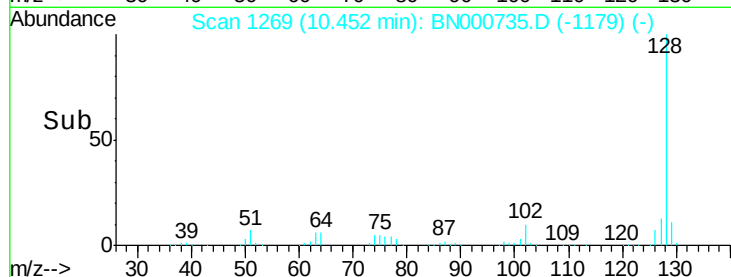
127 13.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.305 ng

RT: 9.75 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

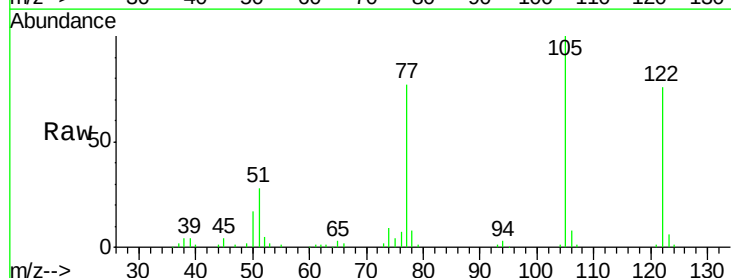
Tgt Ion:122 Resp: 380653

Ion Ratio Lower Upper

122 100

105 131.5 123.5 163.5

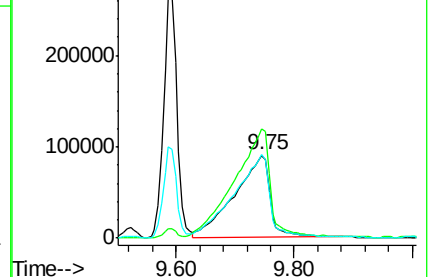
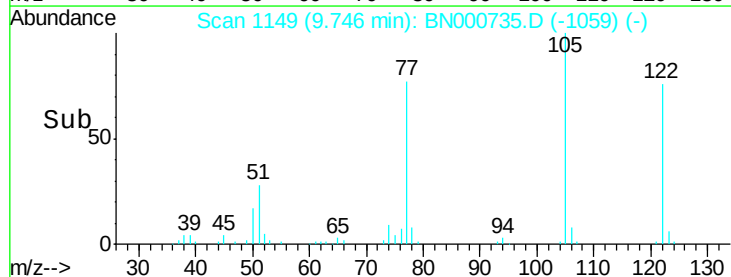
77 101.1 85.7 125.7

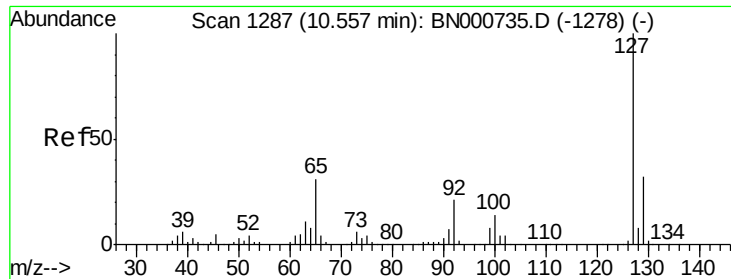


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

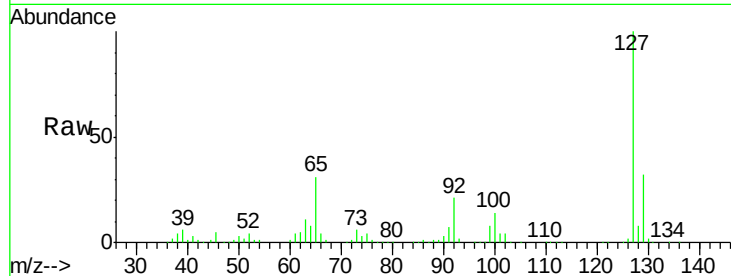




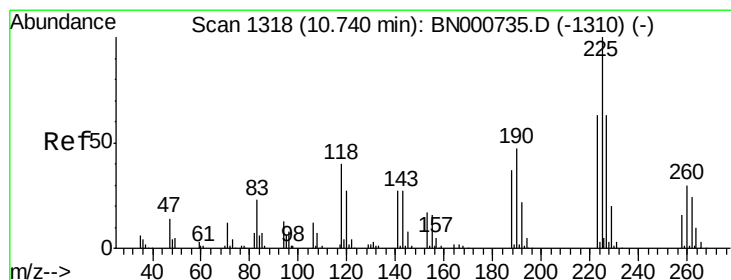
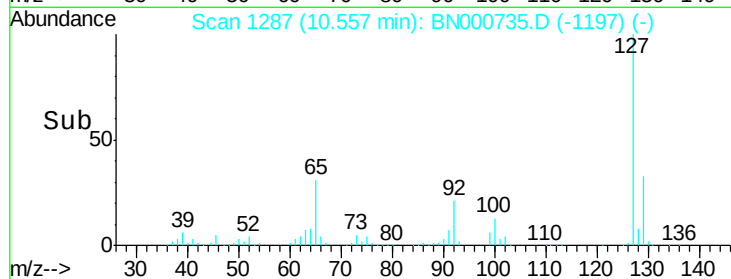
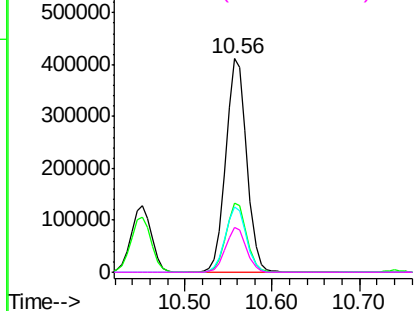
#33
4-Chloroaniline
Concen: 41.613 ng
RT: 10.56 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	676167
Ion Ratio	Lower	Upper
127	100	
129	32.5	24.0 36.0
65	30.6	27.0 40.4
92	20.7	16.6 25.0

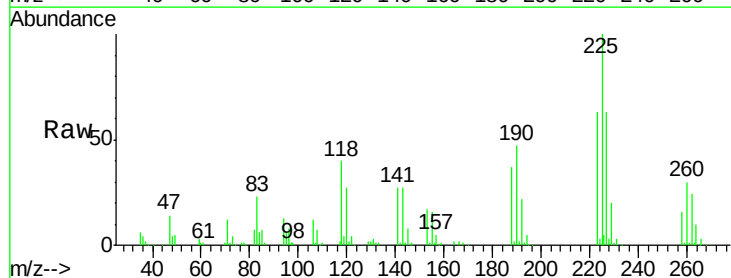


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

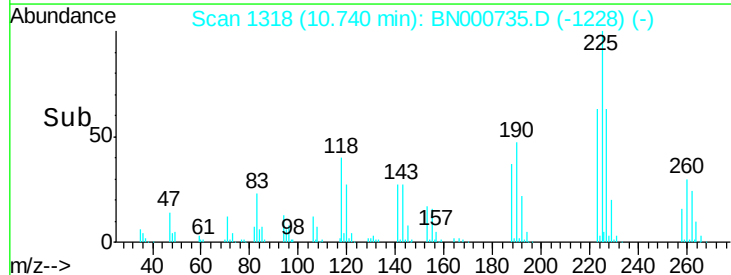
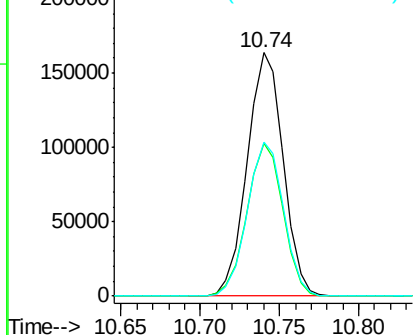


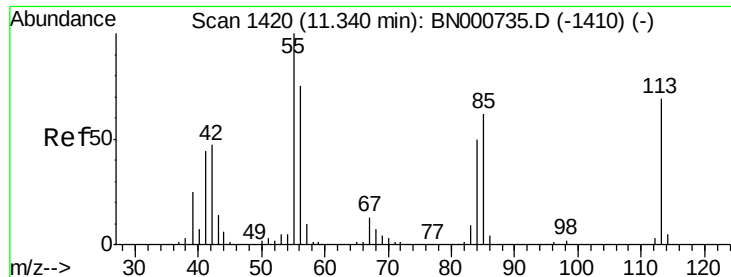
#34
Hexachlorobutadiene
Concen: 40.186 ng
RT: 10.74 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:225	Resp:	258779
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.7 74.5
227	63.4	48.1 72.1



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

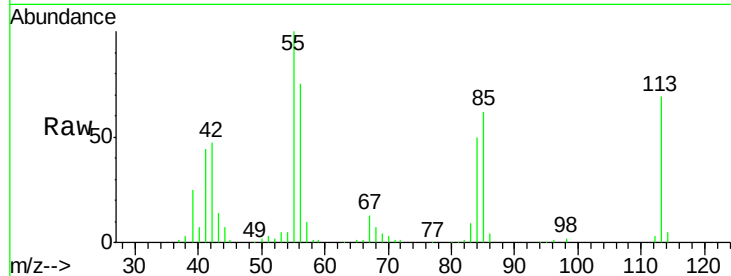




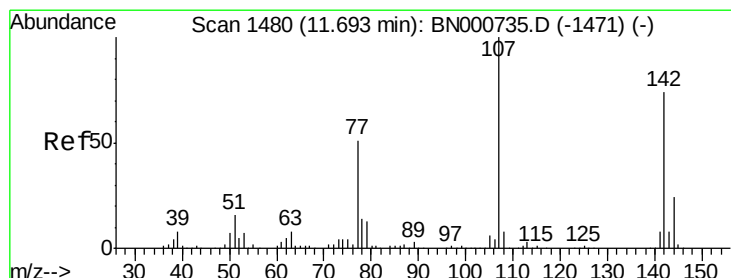
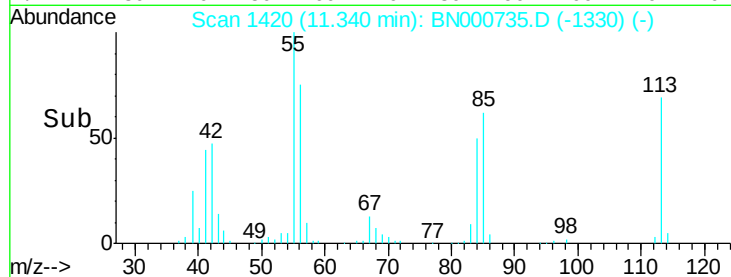
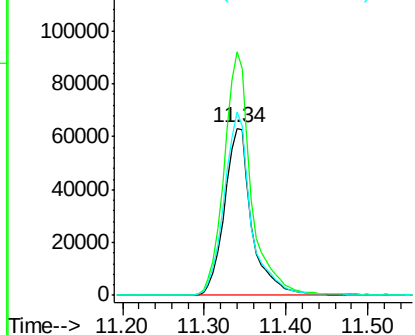
#35
 Caprolactam
 Concen: 45.531 ng
 RT: 11.34 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:113 Resp: 147681
 Ion Ratio Lower Upper
 113 100
 55 145.6 120.0 160.0
 56 109.7 90.0 130.0

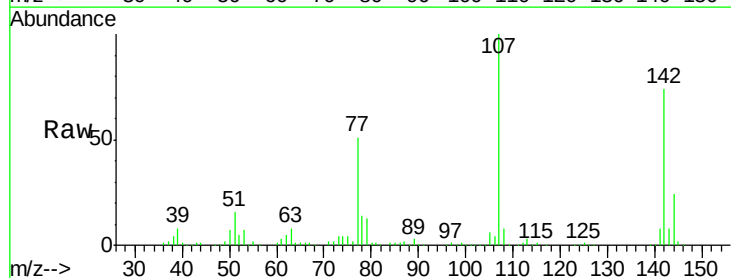


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

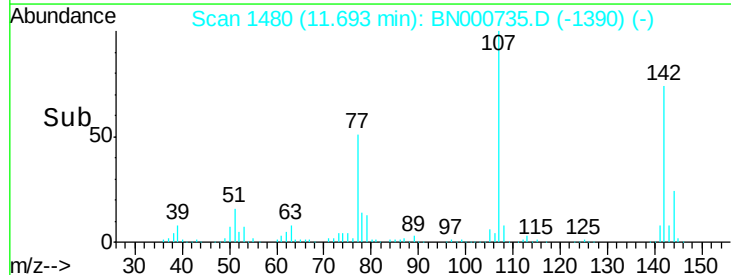
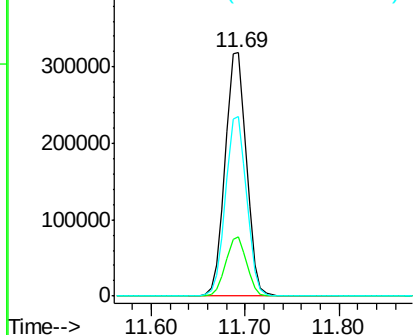


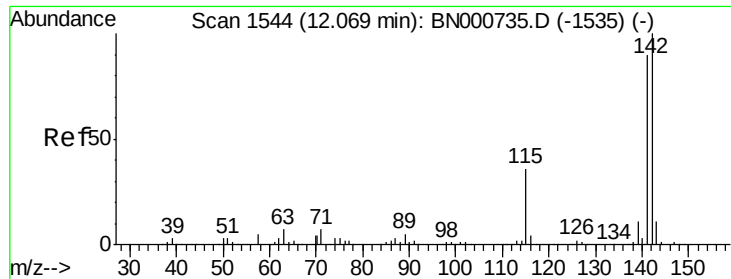
#36
 4-Chloro-3-methylphenol
 Concen: 42.753 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:107 Resp: 505547
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.2 27.4
 142 74.0 59.0 88.4



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

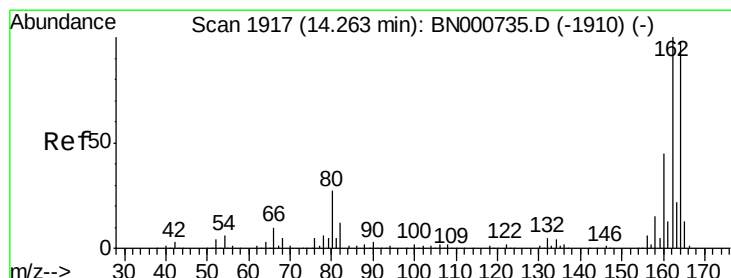
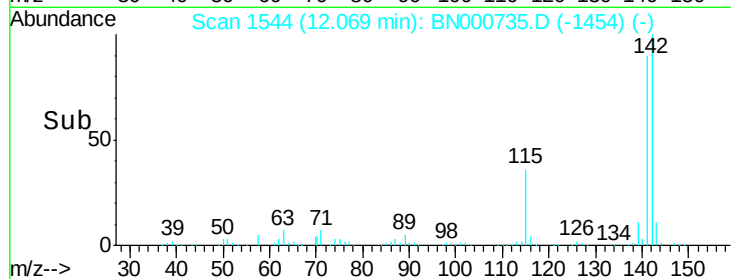
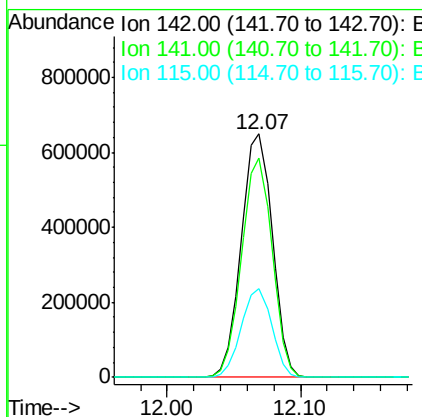
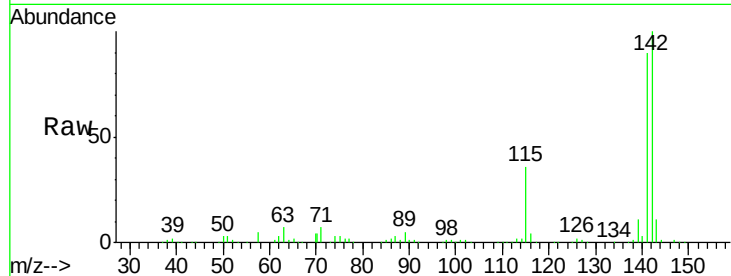




#37
 2-Methylnaphthalene
 Concen: 40.002 ng
 RT: 12.07 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

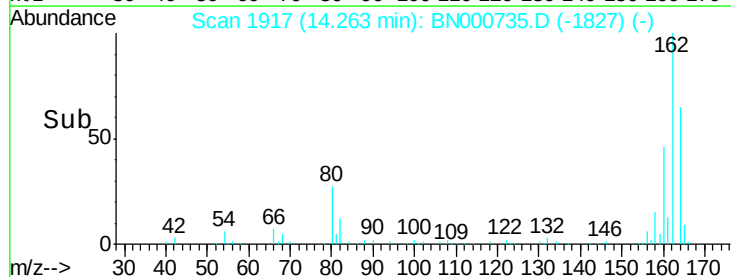
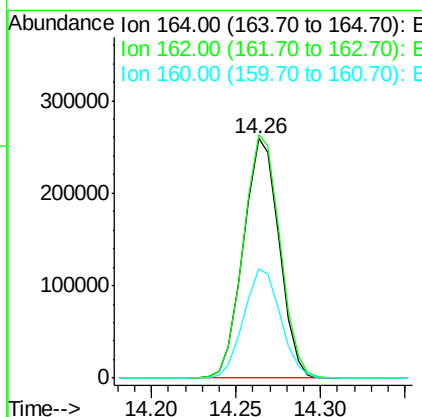
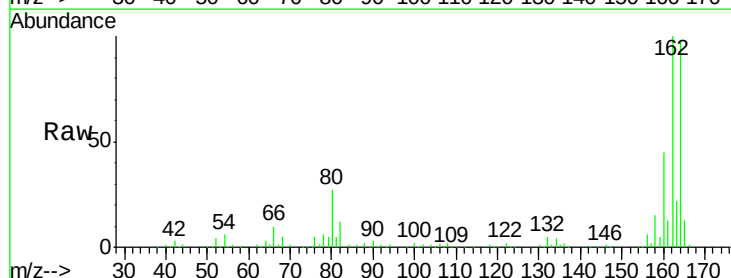
Instrument :
 BNA_N
 ClientSampled :

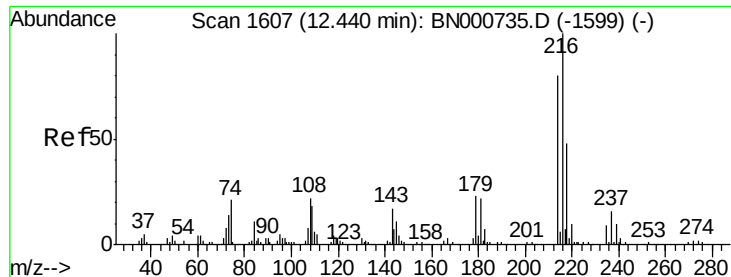
Tot Ion:142 Resp: 1046531
 Ion Ratio Lower Upper
 142 100
 141 89.9 67.1 100.7
 115 36.4 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:164 Resp: 382675
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 45.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.201 ng

RT: 12.44 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampled :

Tot Ion:216 Resp: 473028

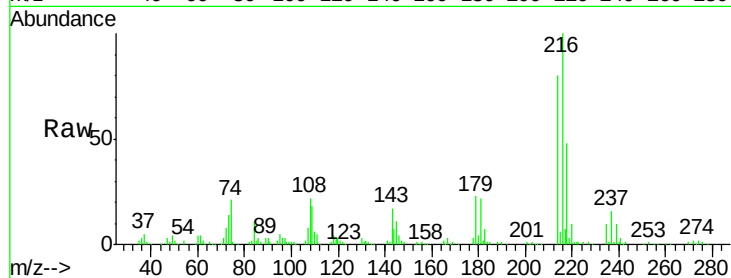
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.5	17.0	25.6
108	23.9	12.8	19.2

216 100

214 78.8 63.0 94.4

179 22.5 17.0 25.6

108 23.9 12.8 19.2#

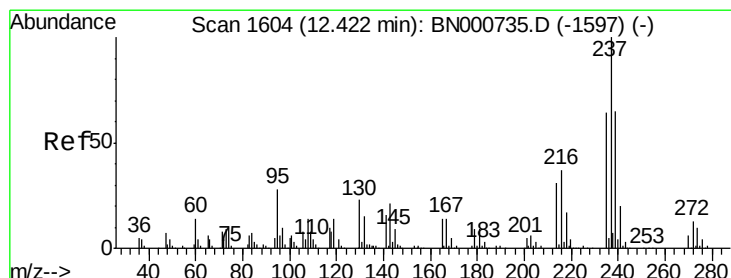
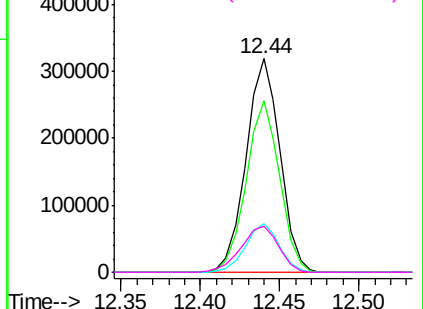
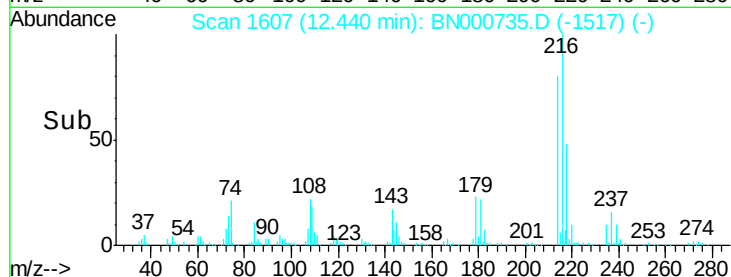


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 42.088 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

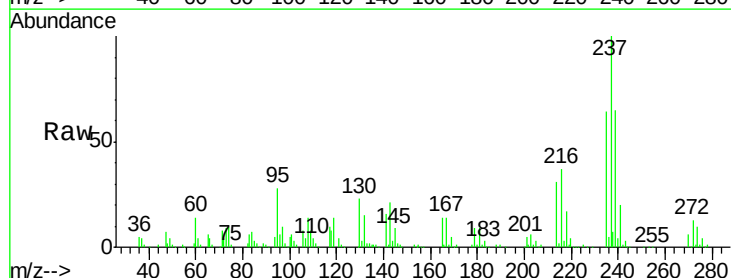
Tgt Ion:237 Resp: 276187

Ion	Ratio	Lower	Upper
237	100		
235	64.1	50.4	90.4
272	12.8	0.0	31.8

237 100

235 64.1 50.4 90.4

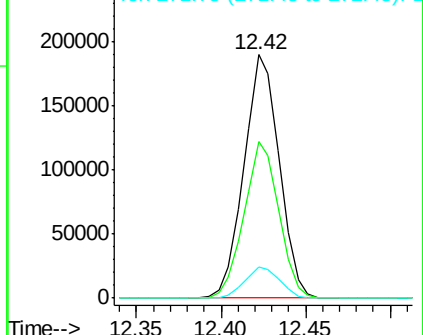
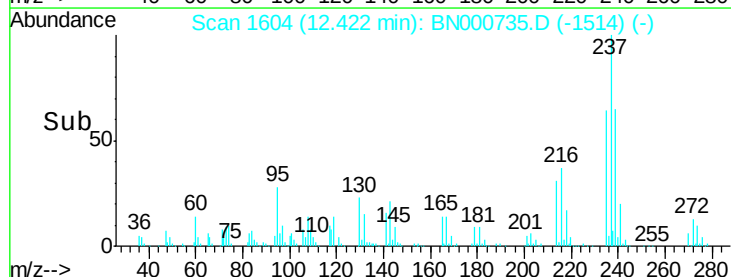
272 12.8 0.0 31.8

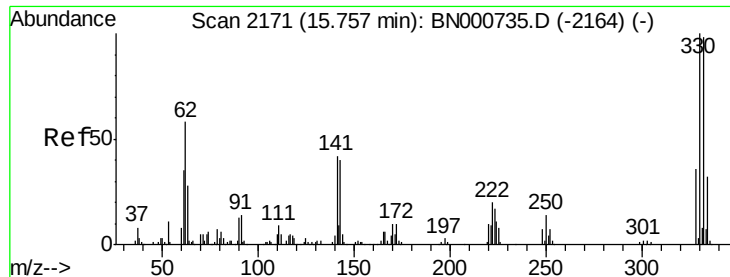


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.315 ng

RT: 15.76 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

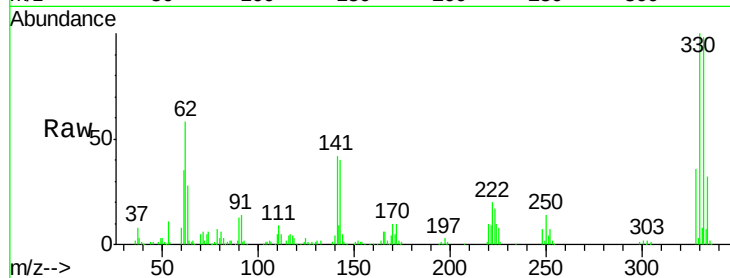
Tot Ion:330 Resp: 324753

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

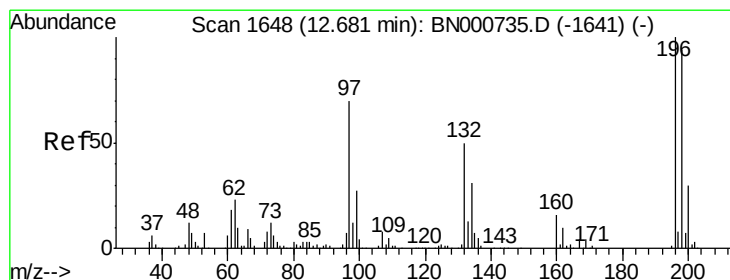
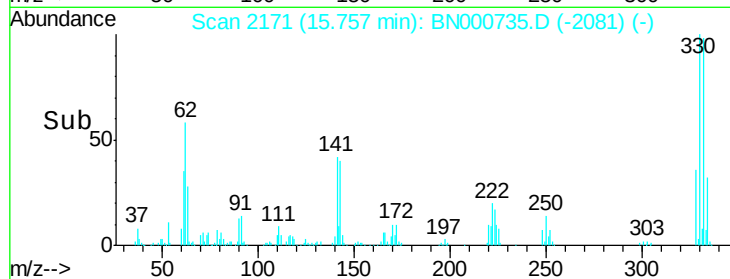
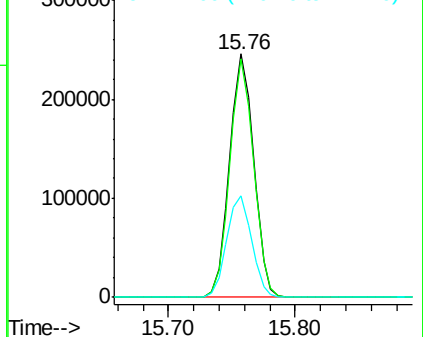
141 42.8 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 43.470 ng

RT: 12.68 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

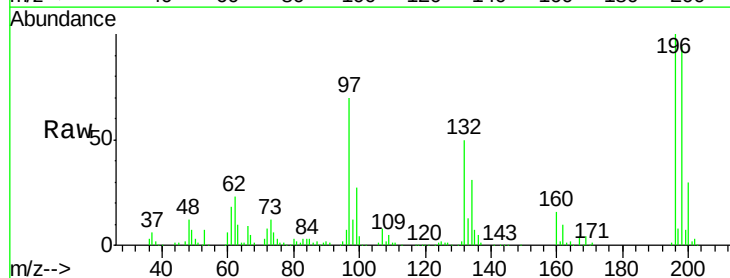
Tgt Ion:196 Resp: 302445

Ion Ratio Lower Upper

196 100

198 94.0 78.2 117.2

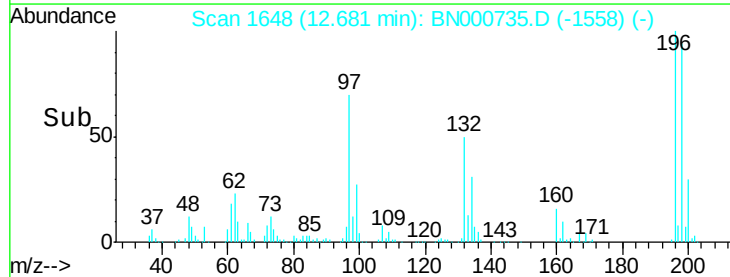
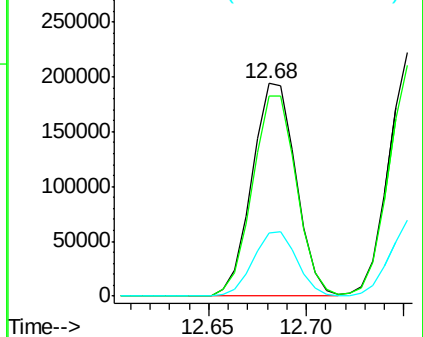
200 29.7 24.6 36.8

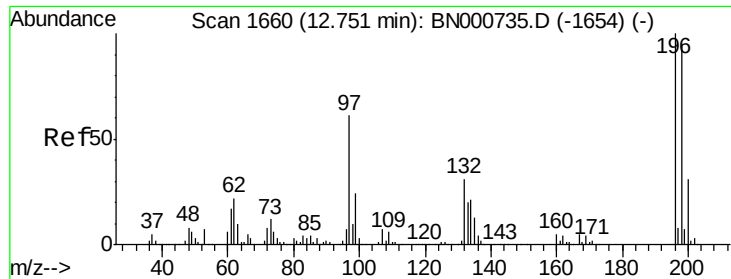


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

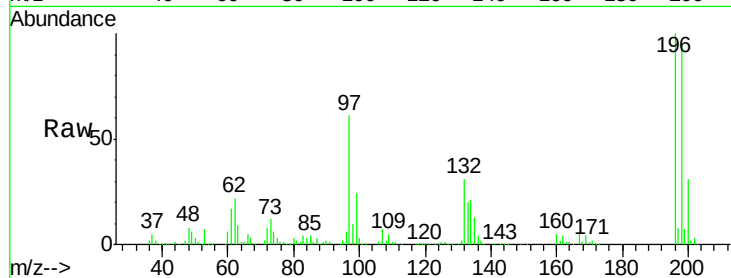




#43
 2,4,5-Trichlorophenol
 Concen: 42.480 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	196	Resp	343494
Ion Ratio	100	Lower	Upper
196	100		
198	94.9	76.2	114.4
97	61.1	38.7	58.1
132	30.9	20.2	30.2



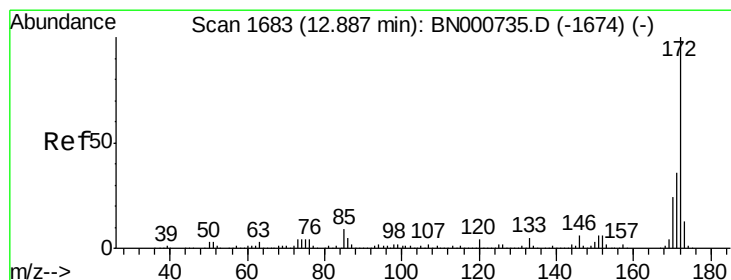
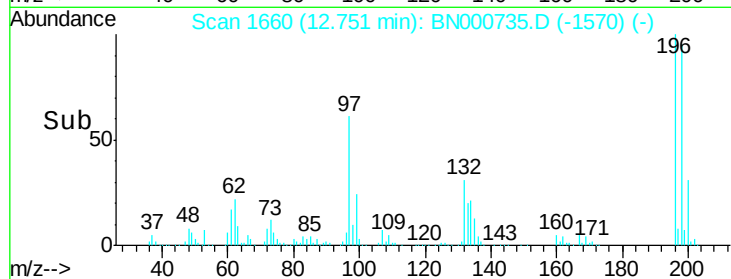
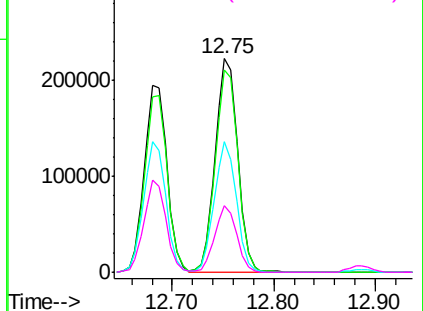
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

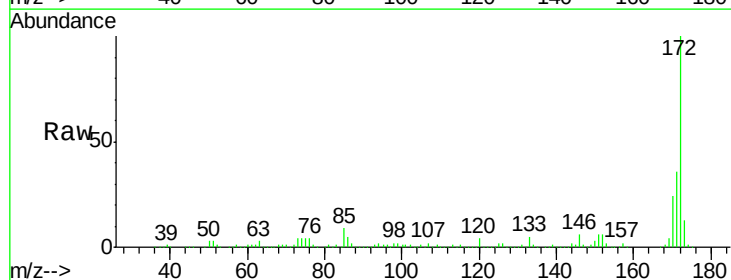
Ion 97.00 (96.70 to 97.70): BNC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.726 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion	172	Resp	2158107
Ion Ratio	100	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.6	19.5	29.3

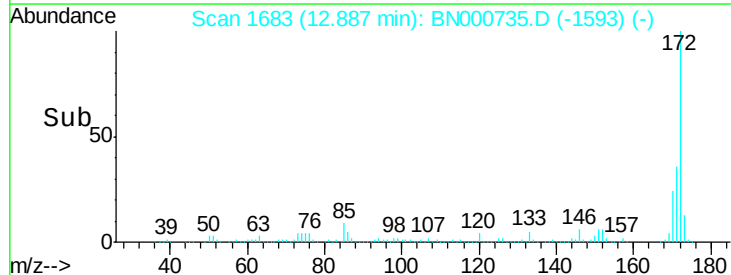
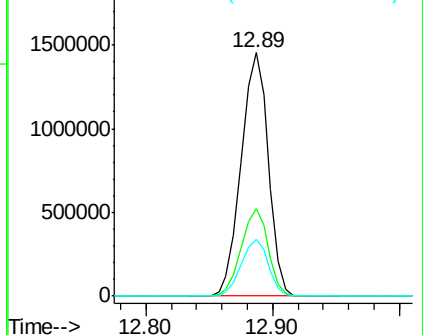


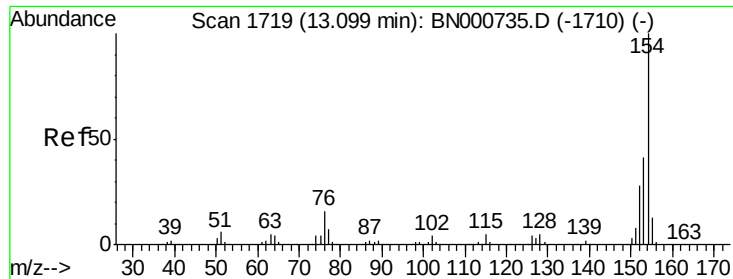
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

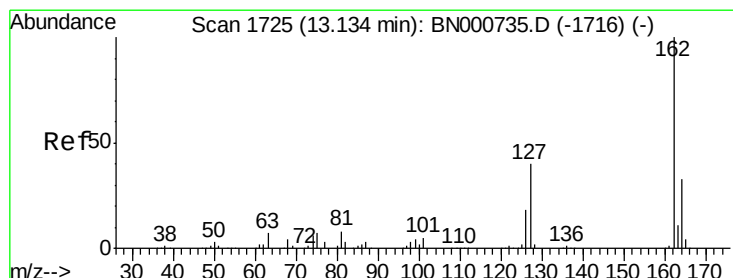
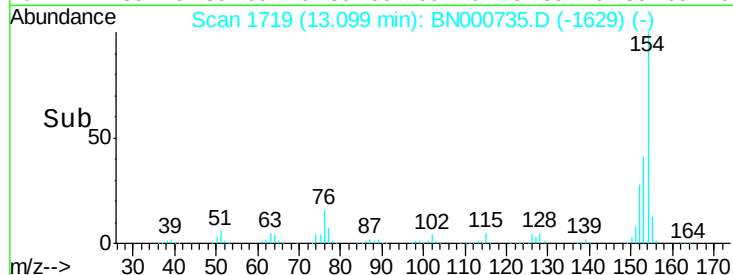
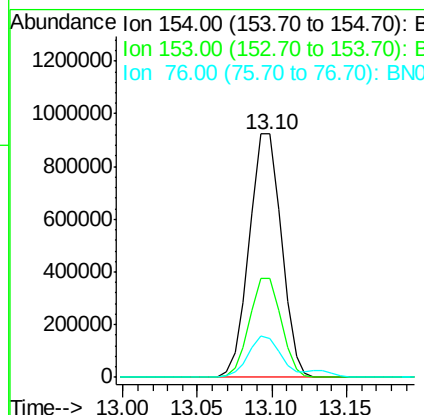
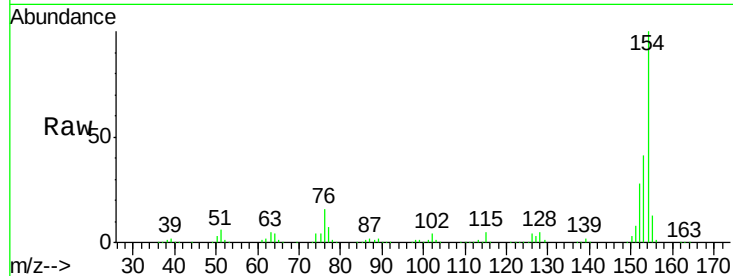




#45
 1,1'-Biphenyl
 Concen: 40.035 ng
 RT: 13.10 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

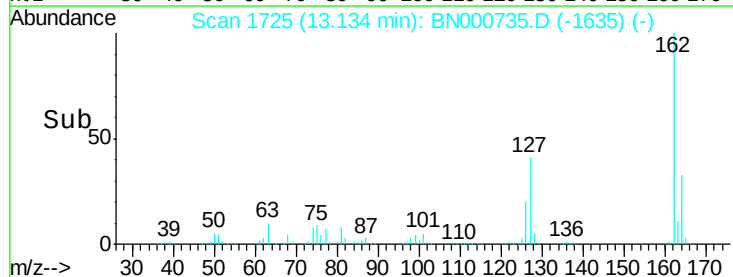
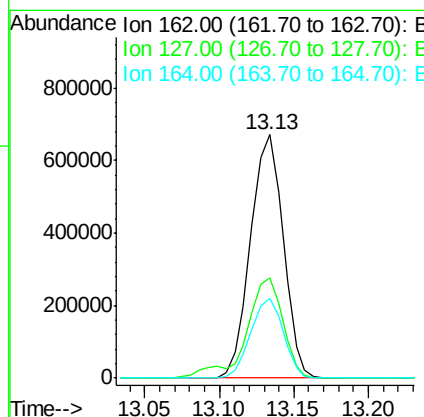
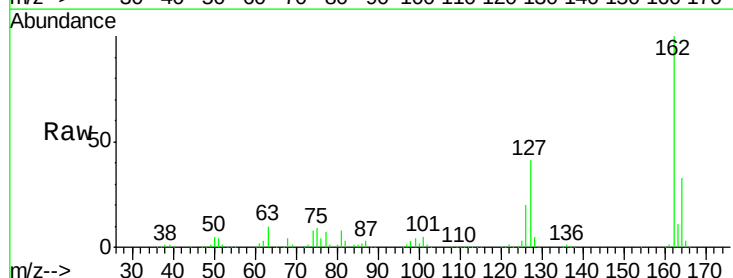
Instrument :
 BNA_N
 ClientSampleId :

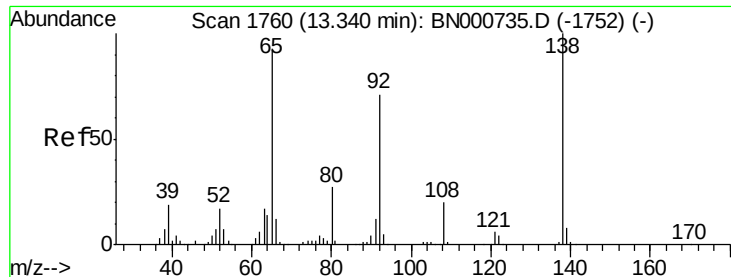
Tot Ion:154 Resp: 1375397
 Ion Ratio Lower Upper
 154 100
 153 40.8 19.8 59.8
 76 15.8 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 39.391 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:162 Resp: 1016984
 Ion Ratio Lower Upper
 162 100
 127 41.3 30.7 46.1
 164 32.6 26.0 39.0





#47

2-Nitroaniline

Concen: 42.056 ng

RT: 13.34 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

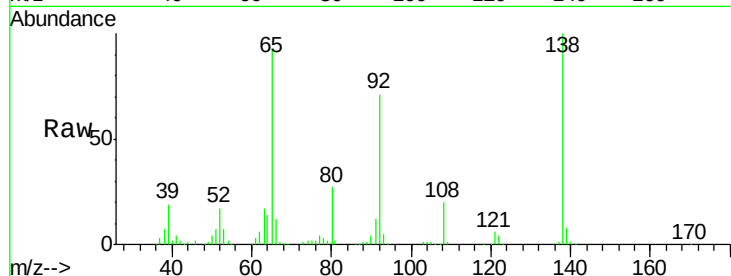
Tot Ion: 65 Resp: 307950

Ion Ratio Lower Upper

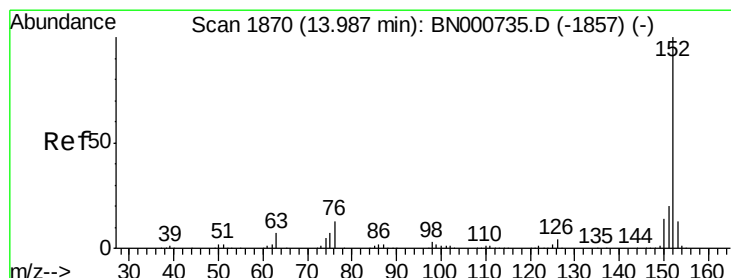
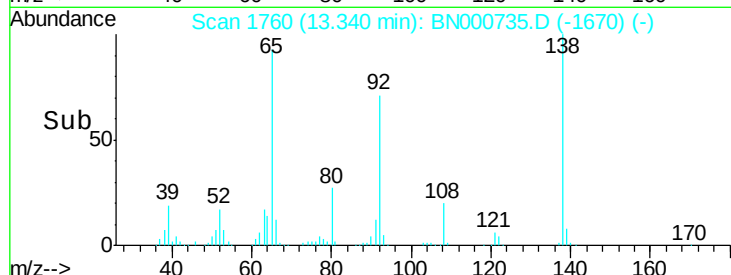
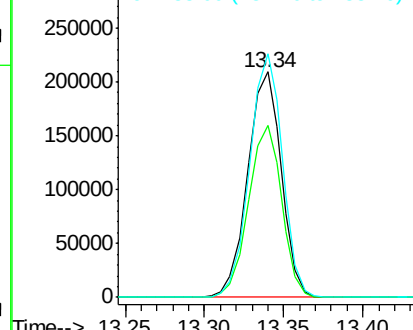
65 100

92 76.2 54.6 82.0

138 108.0 72.9 109.3



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): BNC



#48

Acenaphthylene

Concen: 40.847 ng

RT: 13.99 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

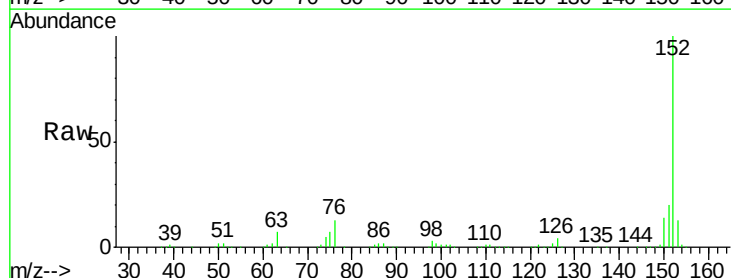
Tgt Ion:152 Resp: 1661789

Ion Ratio Lower Upper

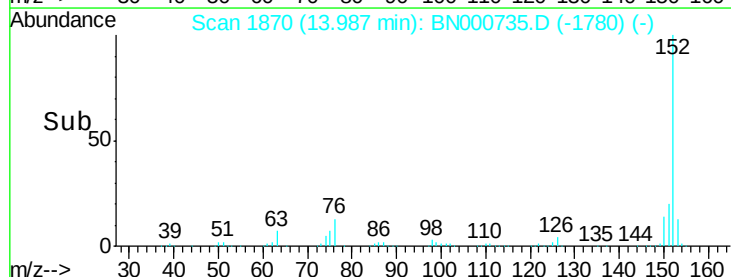
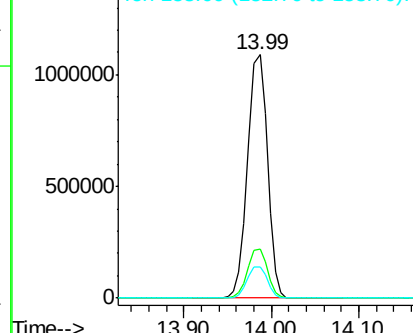
152 100

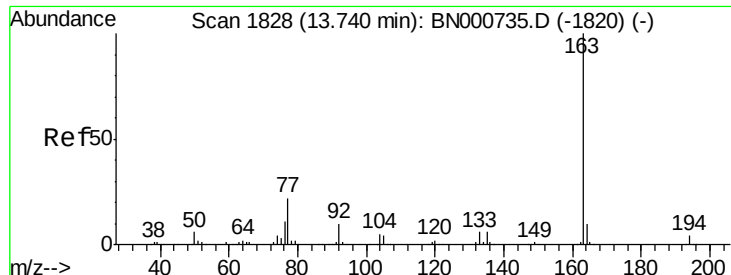
151 20.3 17.2 25.8

153 13.0 10.2 15.4



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

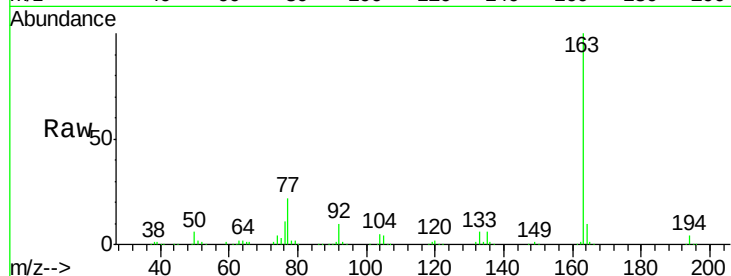




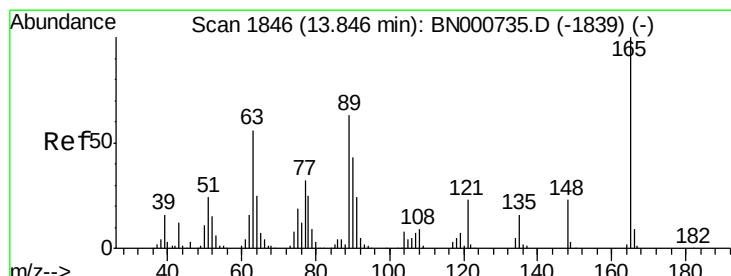
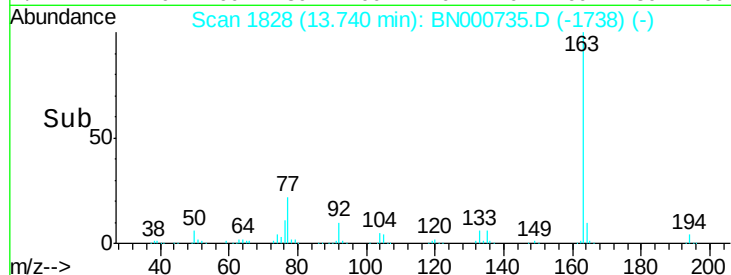
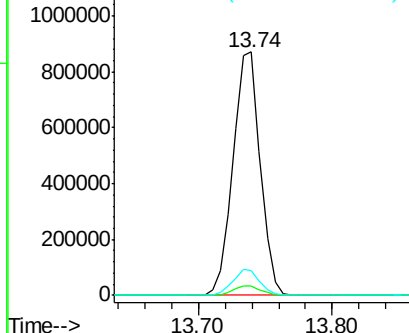
#49
Dimethylphthalate
Concen: 40.547 ng
RT: 13.74 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 1235167
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.0 8.2 12.4

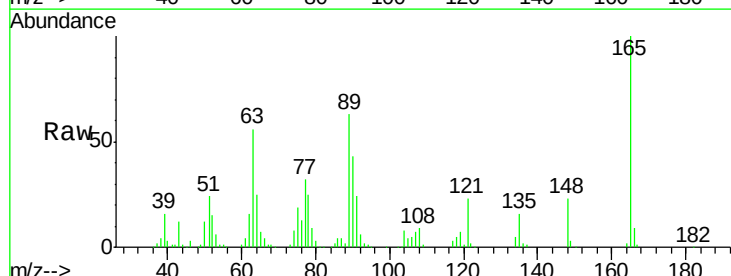


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

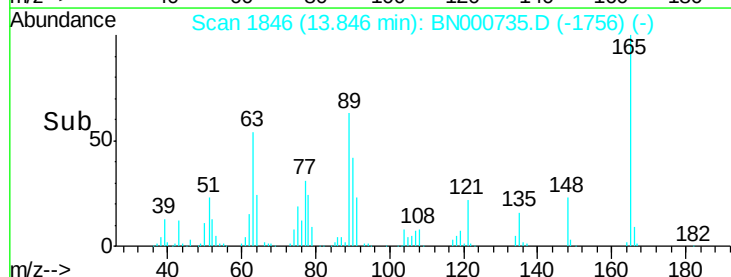
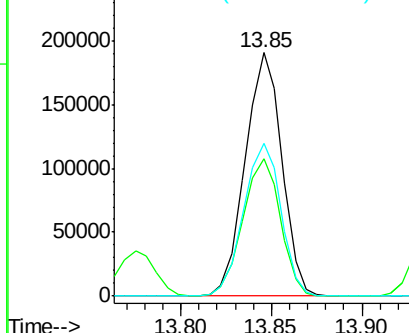


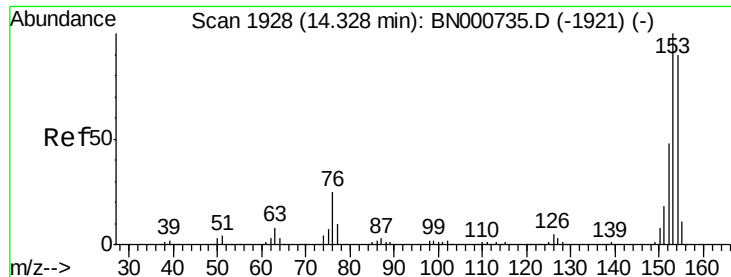
#50
2,6-Dinitrotoluene
Concen: 42.475 ng
RT: 13.85 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:165 Resp: 267925
Ion Ratio Lower Upper
165 100
63 56.3 52.7 79.1
89 62.8 49.2 73.8



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





#51

Acenaphthene

Concen: 39.606 ng

RT: 14.33 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

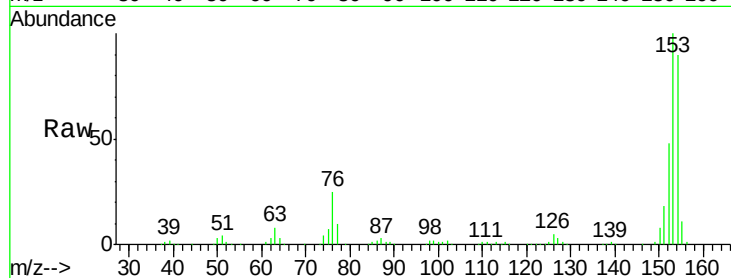
Tot Ion:154 Resp: 995597

Ion Ratio Lower Upper

154 100

153 111.3 90.4 135.6

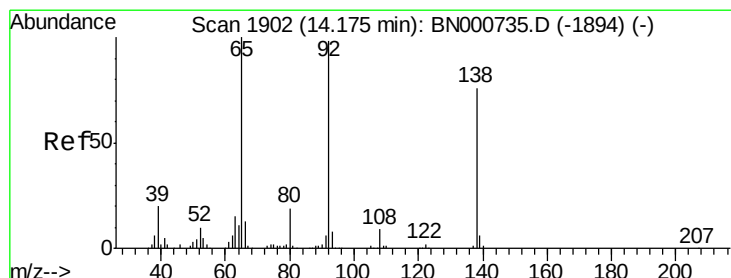
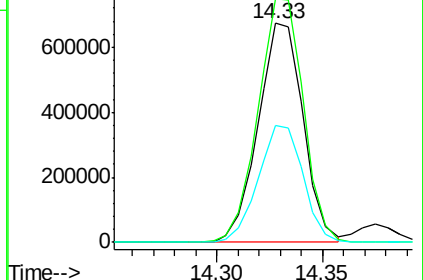
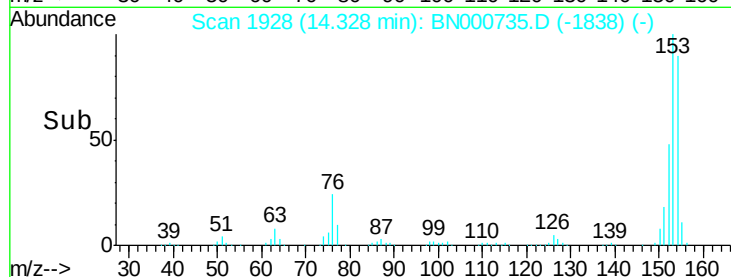
152 53.2 41.6 62.4



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



#52

3-Nitroaniline

Concen: 42.503 ng

RT: 14.17 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

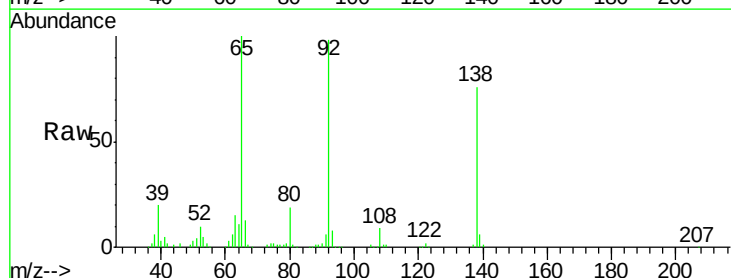
Tgt Ion:138 Resp: 307042

Ion Ratio Lower Upper

138 100

108 11.4 17.5 26.3#

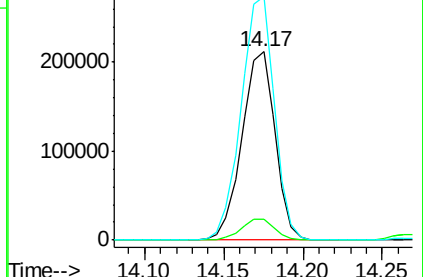
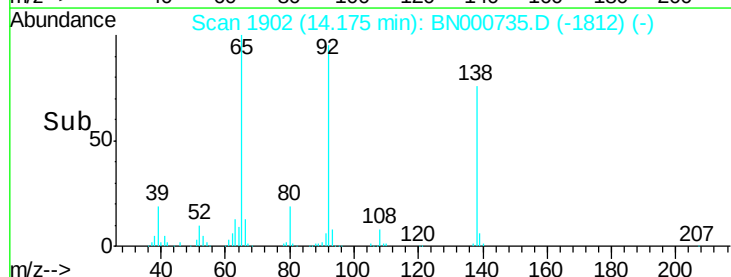
92 129.4 105.8 158.8

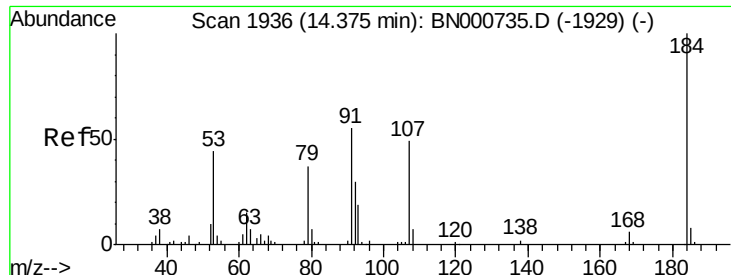


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

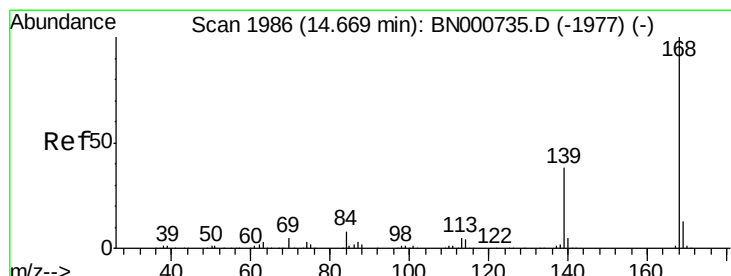
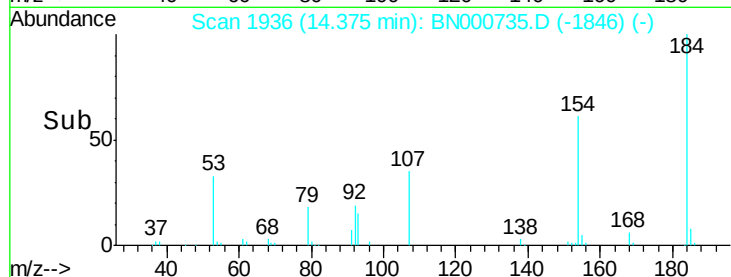
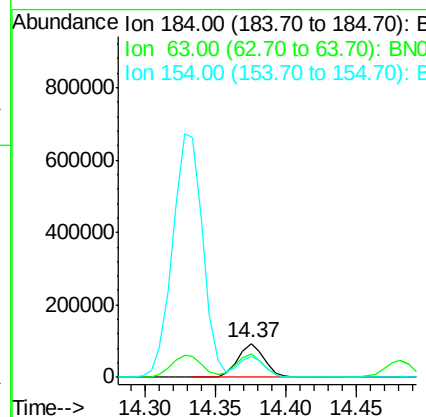
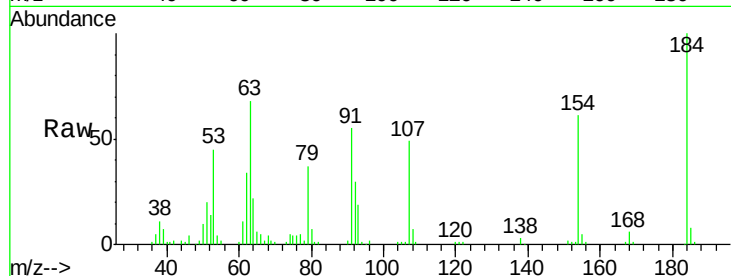




#53
 2,4-Dinitrophenol
 Concen: 43.082 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

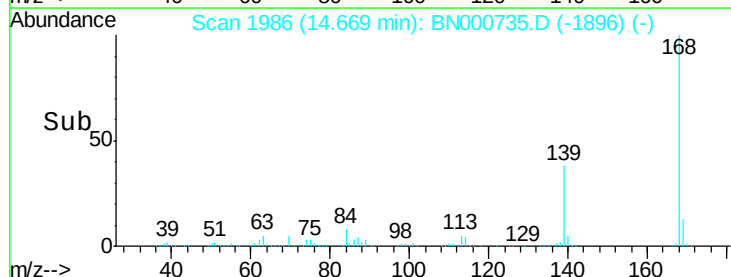
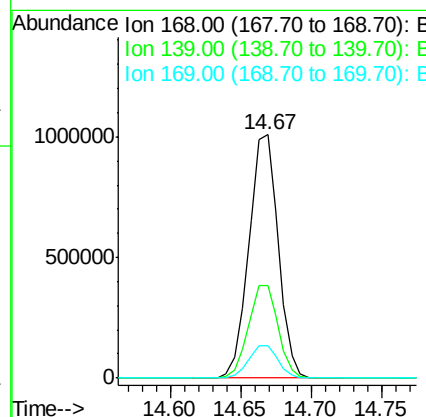
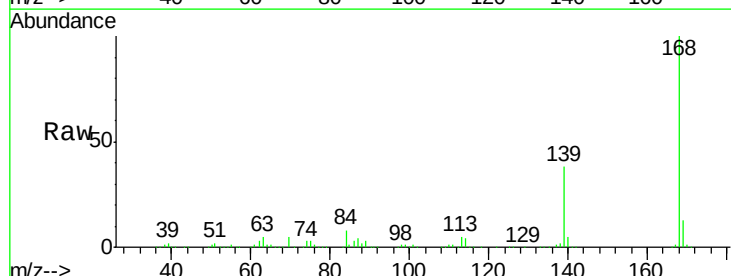
Instrument :
 BNA_N
 ClientSampled :

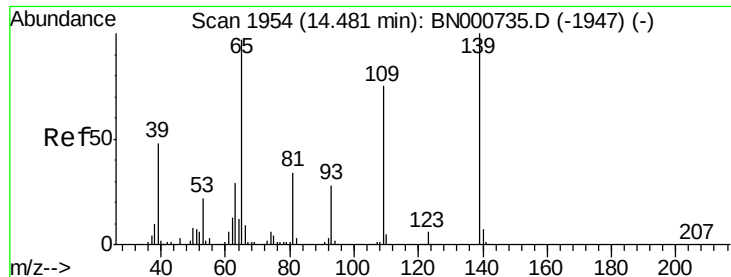
Tot Ion:184 Resp: 122075
 Ion Ratio Lower Upper
 184 100
 63 68.3 56.0 84.0
 154 61.3 48.0 72.0



#54
 Dibenzofuran
 Concen: 40.699 ng
 RT: 14.67 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:168 Resp: 1470761
 Ion Ratio Lower Upper
 168 100
 139 38.2 28.6 43.0
 169 13.2 11.2 16.8

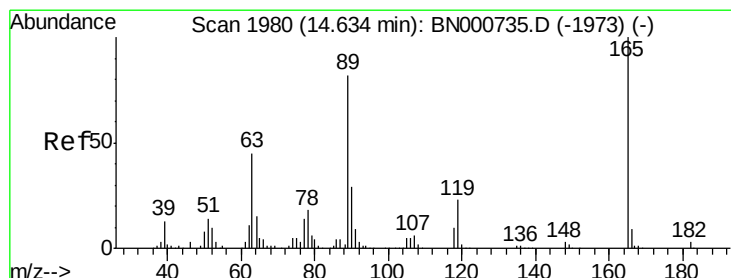
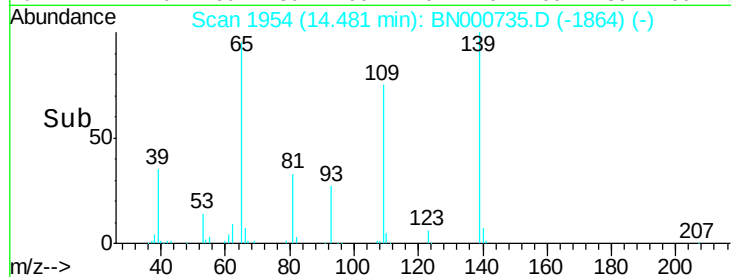
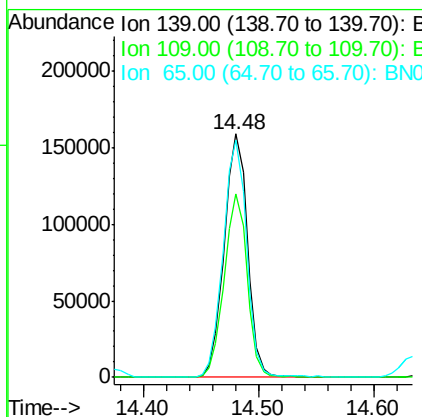
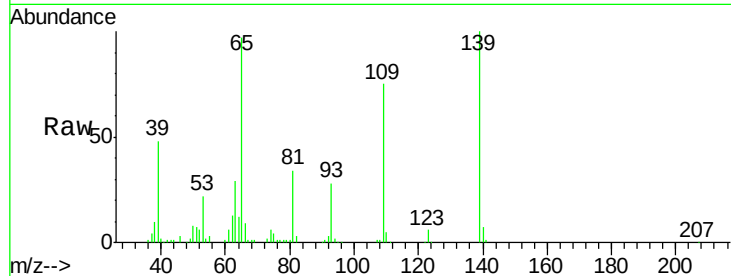




#55
4-Nitrophenol
Concen: 40.688 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

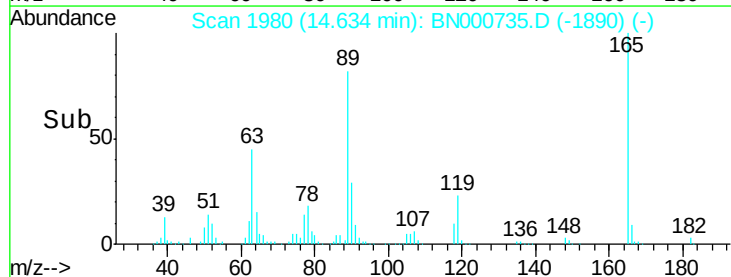
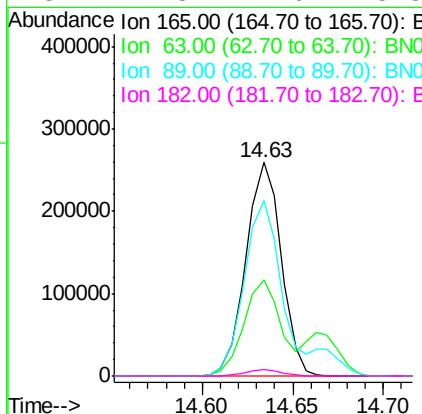
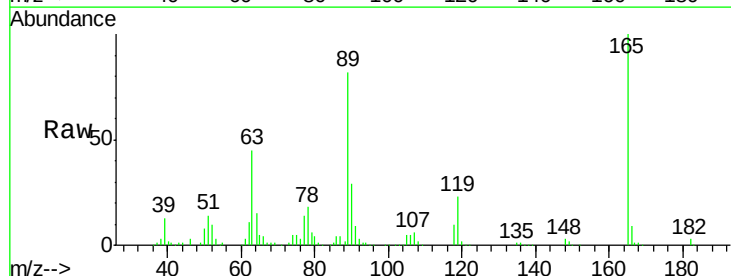
Instrument :
BNA_N
ClientSampleId :

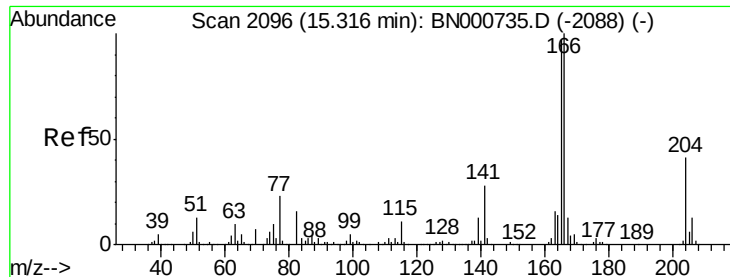
Tot Ion:139 Resp: 223723
Ion Ratio Lower Upper
139 100
109 75.2 62.2 102.2
65 97.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 42.912 ng
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:165 Resp: 351455
Ion Ratio Lower Upper
165 100
63 44.7 42.0 63.0
89 82.1 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 41.116 ng

RT: 15.32 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

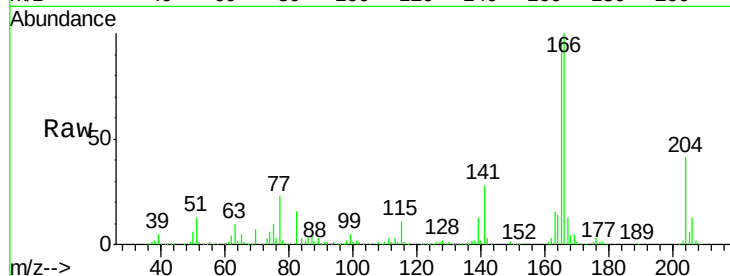
Tot Ion:166 Resp: 1173491

Ion Ratio Lower Upper

166 100

165 97.1 80.6 121.0

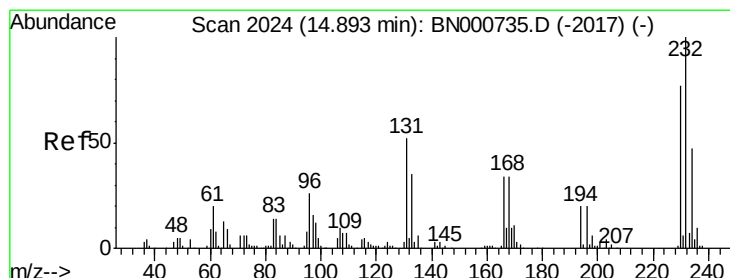
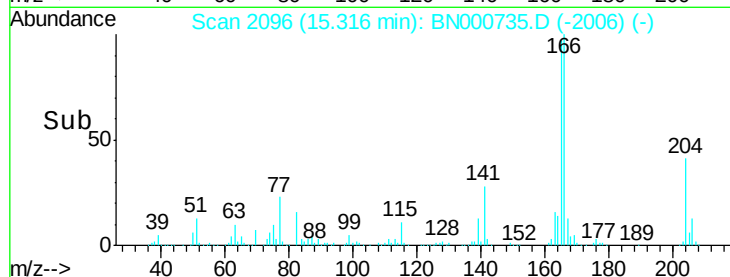
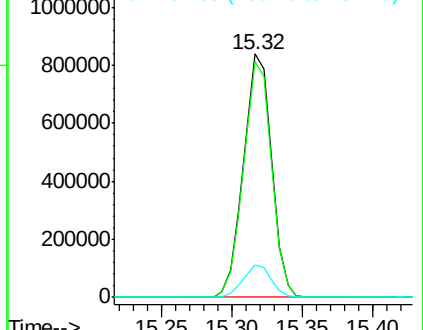
167 13.4 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.182 ng

RT: 14.81 min Scan# 2010

Delta R.T. -0.08 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Tgt Ion:232 Resp: 276820

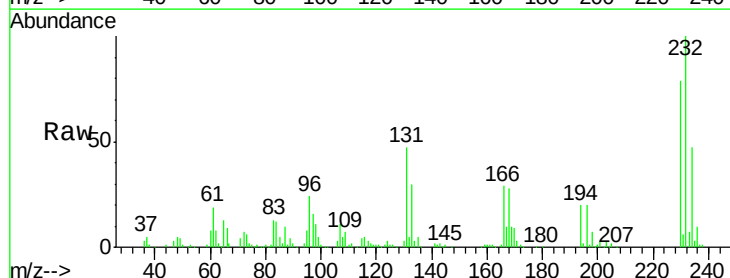
Ion Ratio Lower Upper

232 100

131 47.8 33.5 50.3

130 2.7 2.2 3.2

166 28.7 24.8 37.2

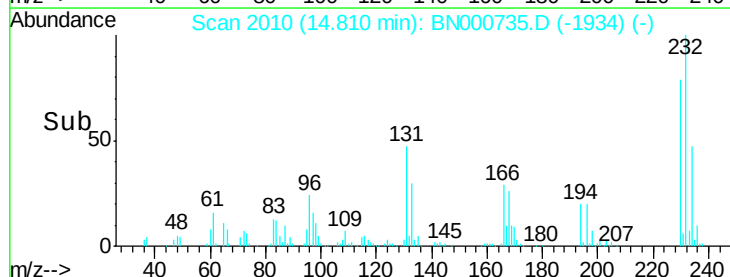
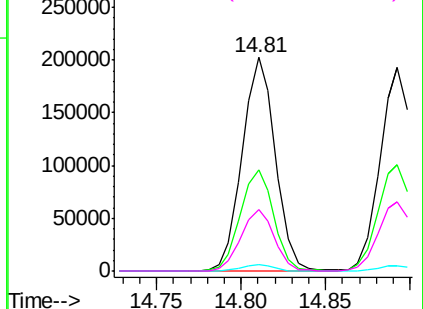


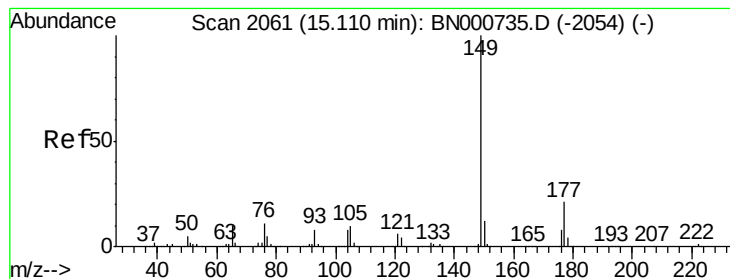
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 42.347 ng

RT: 15.11 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

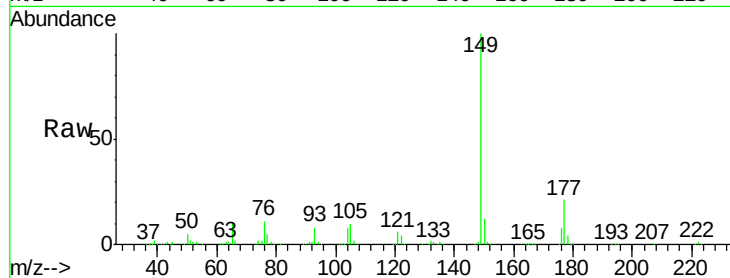
Tot Ion:149 Resp: 1267750

Ion Ratio Lower Upper

149 100

177 21.4 18.5 27.7

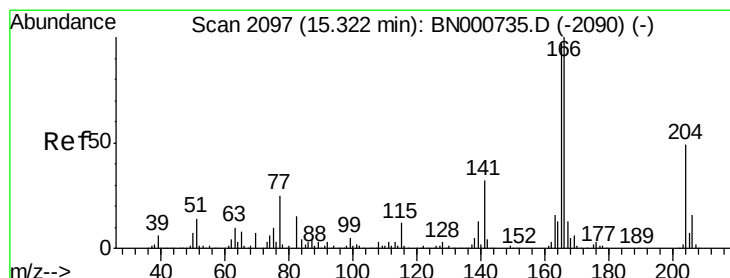
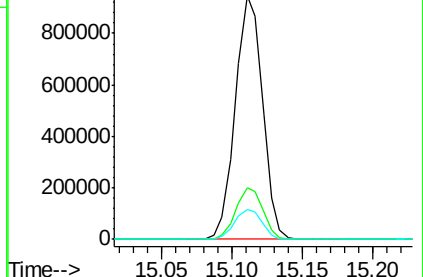
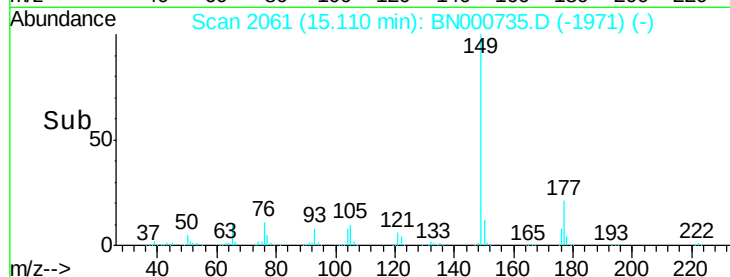
150 12.4 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 40.528 ng

RT: 15.32 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

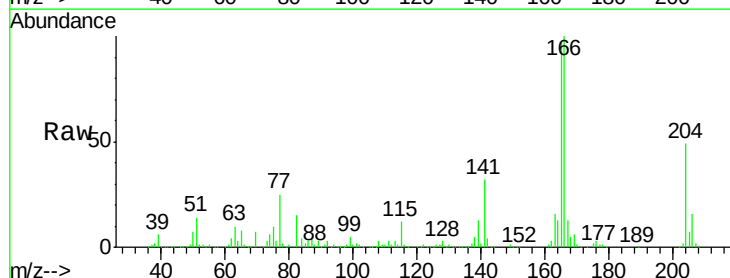
Tgt Ion:204 Resp: 540772

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

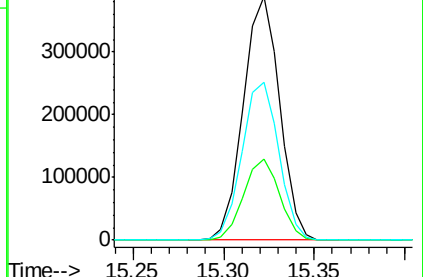
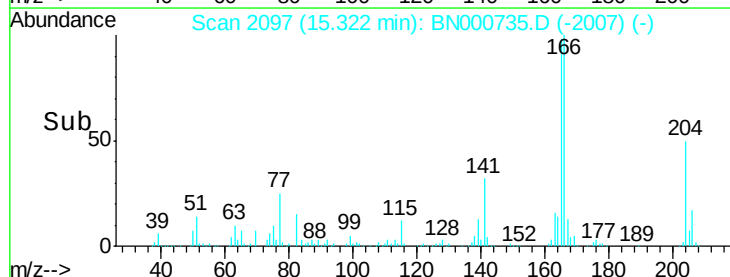
141 64.8 45.8 68.6

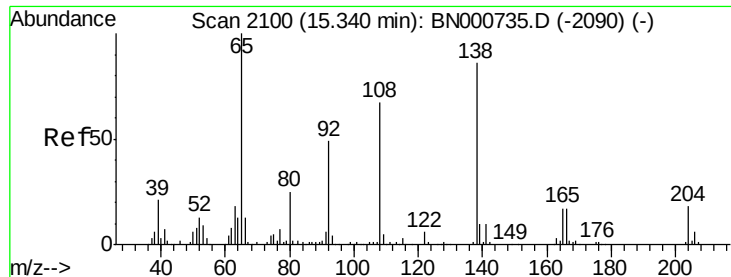


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

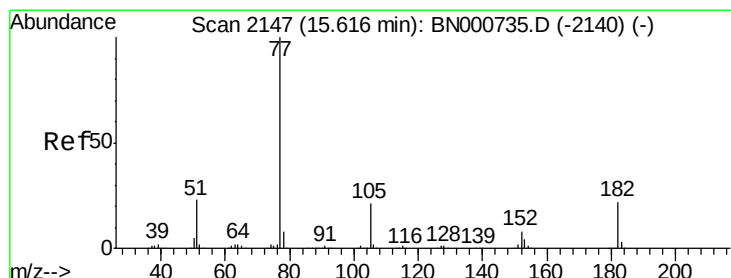
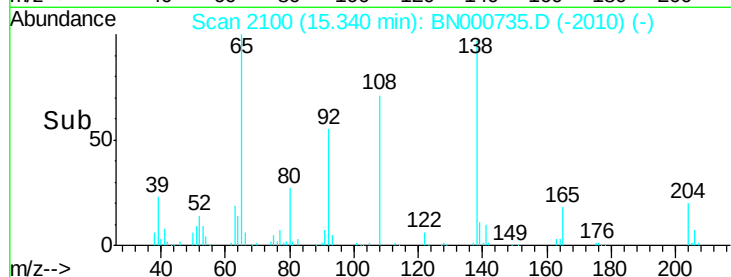
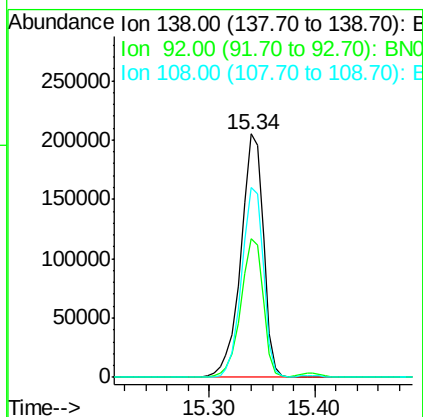
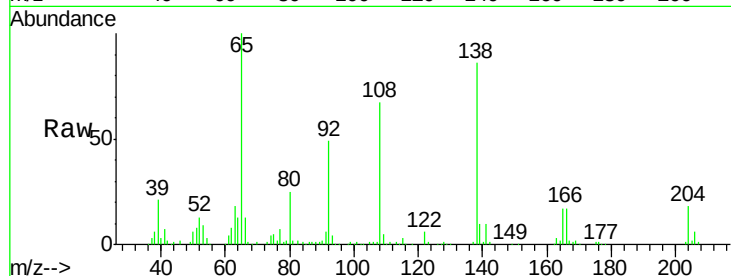




#61
4-Nitroaniline
Concen: 43.144 ng
RT: 15.34 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

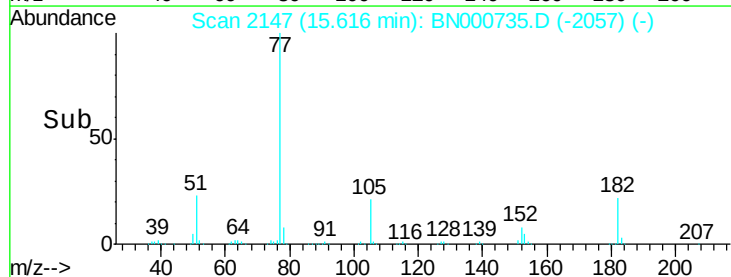
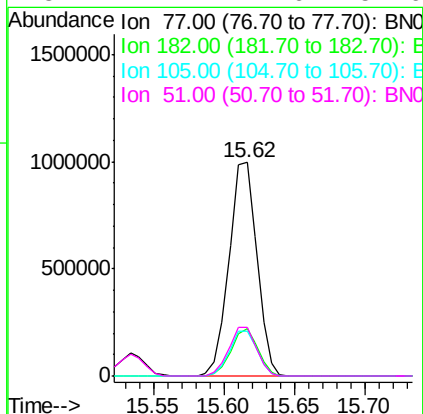
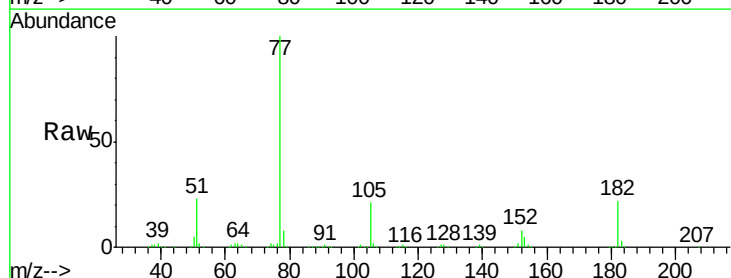
Instrument :
BNA_N
ClientSampled :

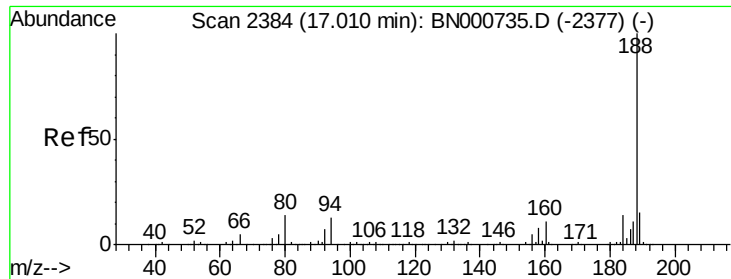
Tot Ion:138 Resp: 303788
Ion Ratio Lower Upper
138 100
92 56.9 40.1 80.1
108 78.2 65.4 105.4



#62
Azobenzene
Concen: 41.560 ng
RT: 15.62 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion: 77 Resp: 1373146
Ion Ratio Lower Upper
77 100
182 22.1 7.4 47.4
105 21.3 0.3 40.3
51 22.7 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

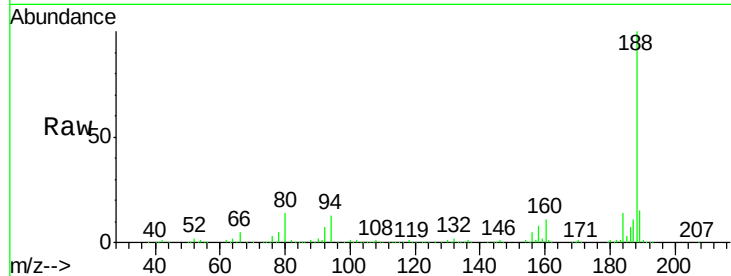
Tot Ion:188 Resp: 705562

Ion Ratio Lower Upper

188 100

94 12.7 6.9 10.3#

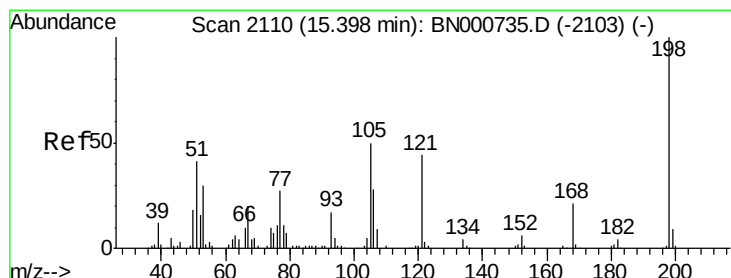
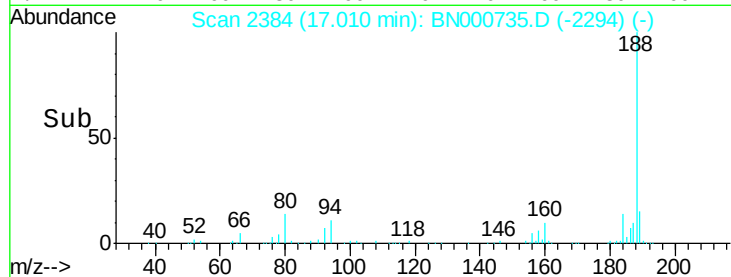
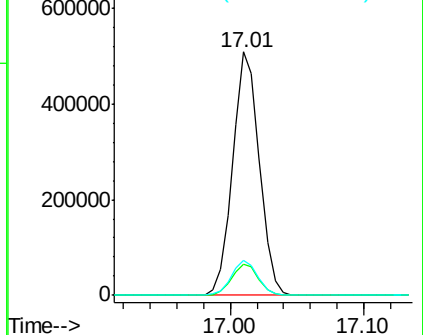
80 14.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.999 ng

RT: 15.40 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

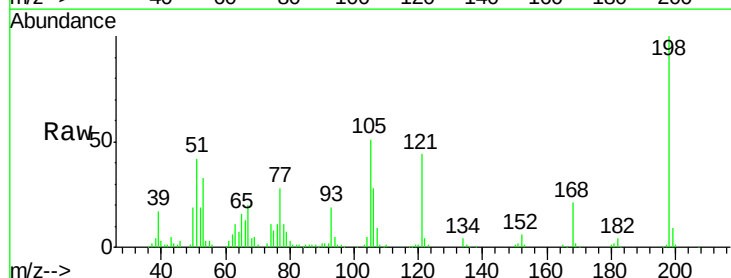
Tgt Ion:198 Resp: 189185

Ion Ratio Lower Upper

198 100

51 42.1 30.6 70.6

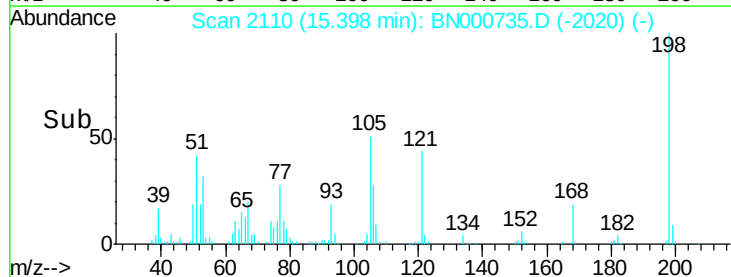
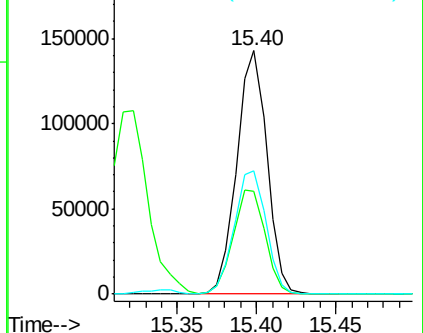
105 50.8 23.8 63.8

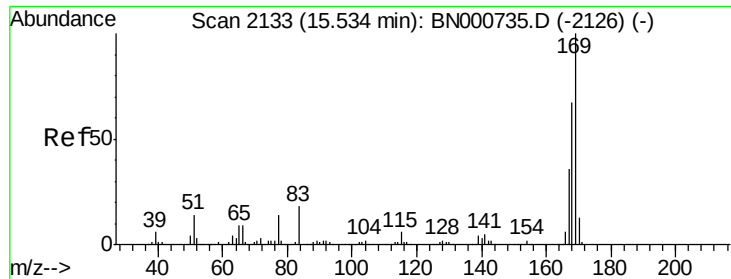


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

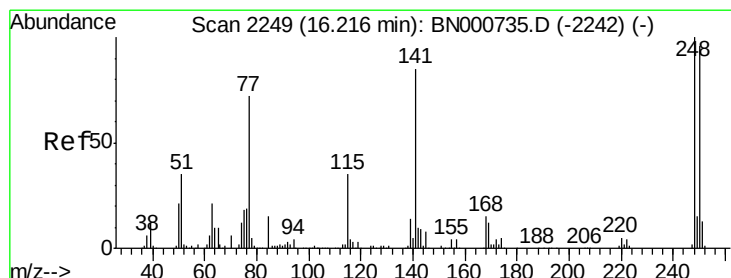
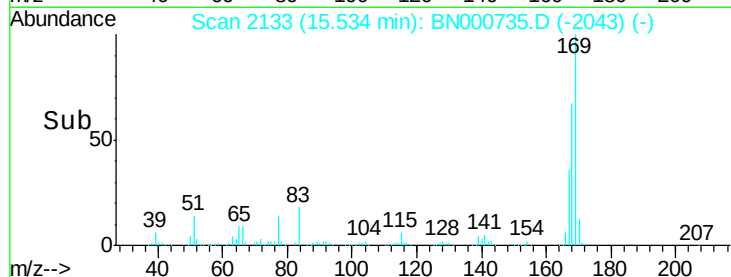
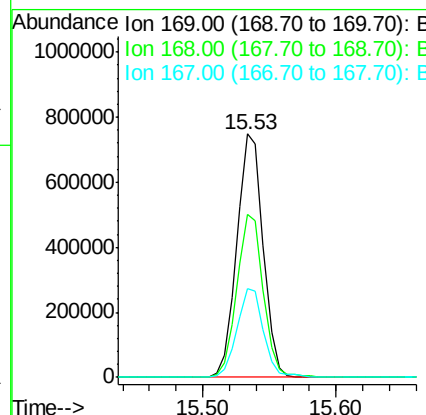
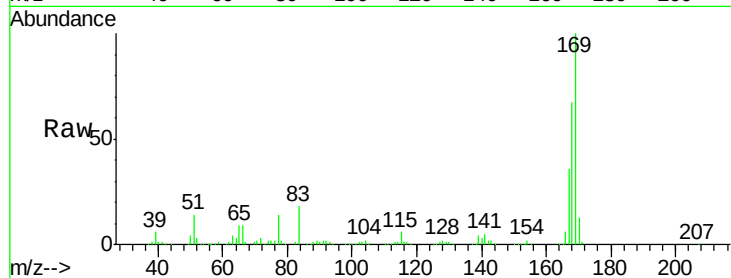




#65
 n-Nitrosodiphenylamine
 Concen: 43.515 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

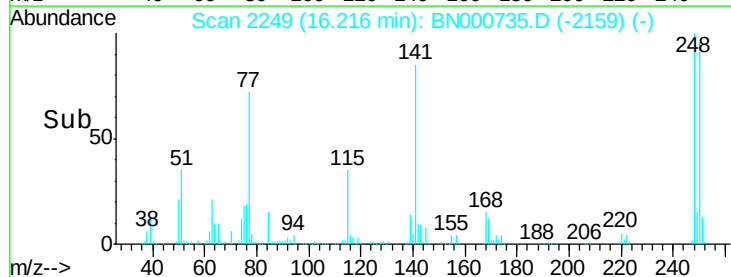
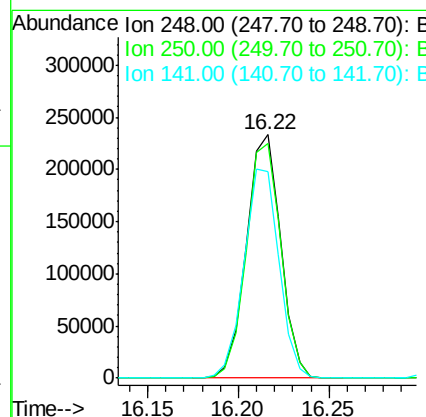
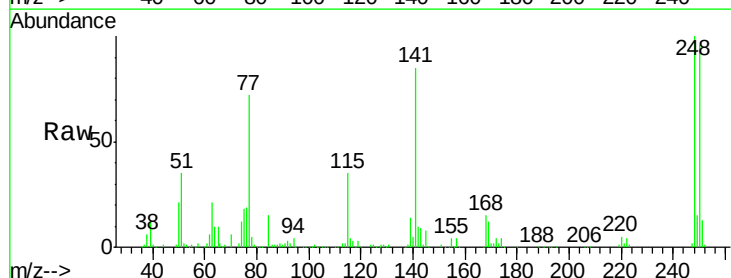
Instrument :
 BNA_N
 ClientSampleId :

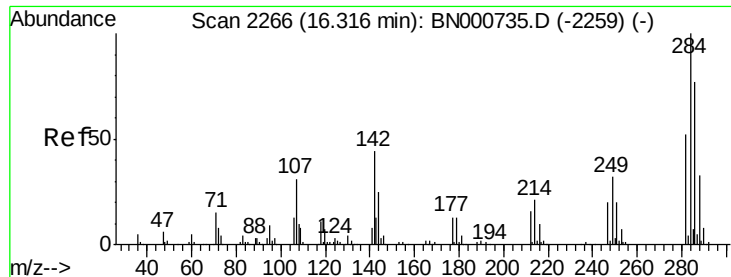
Tot Ion:169 Resp: 1024584
 Ion Ratio Lower Upper
 169 100
 168 66.9 55.7 83.5
 167 36.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.453 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:248 Resp: 306565
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 84.7 50.8 76.2#

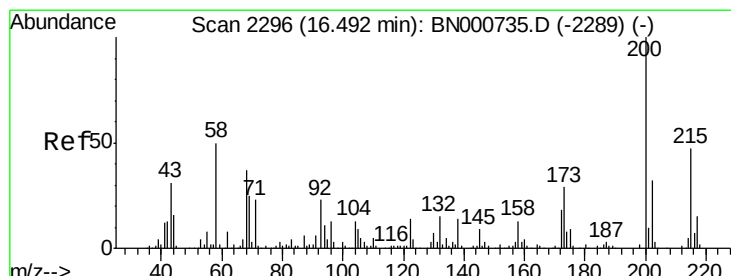
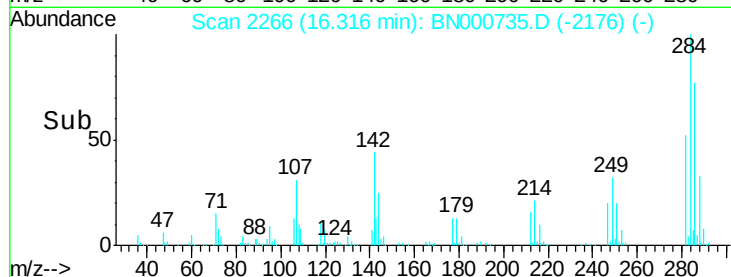
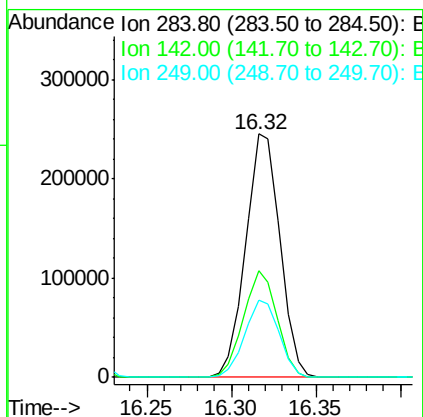
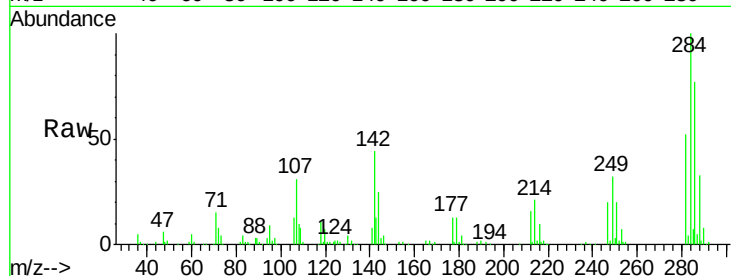




#67
Hexachlorobenzene
Concen: 42.623 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

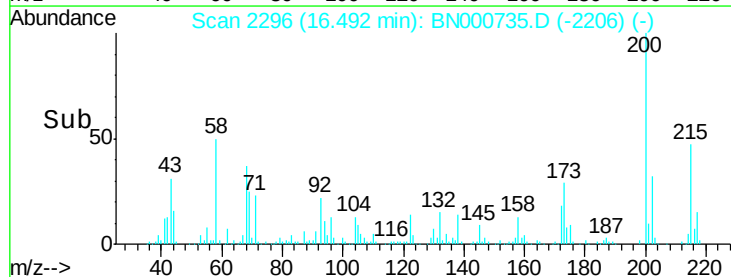
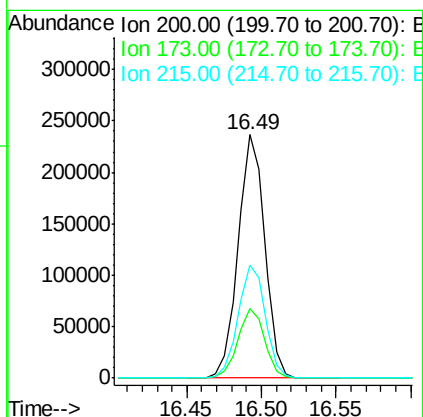
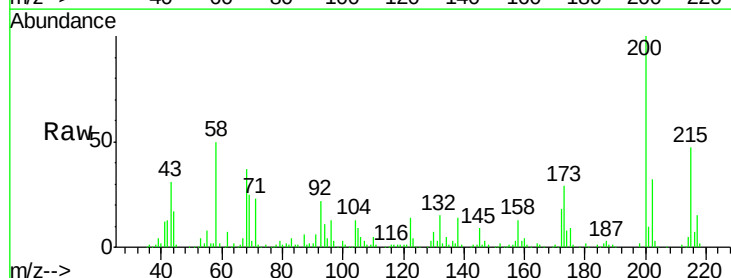
Instrument :
BNA_N
ClientSampleId :

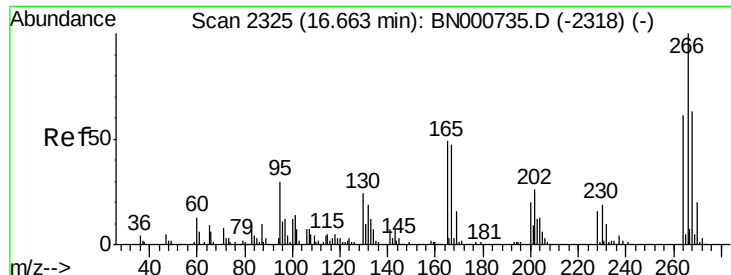
Tot Ion:284 Resp: 347201
Ion Ratio Lower Upper
284 100
142 43.6 26.8 40.2#
249 31.5 26.3 39.5



#68
Atrazine
Concen: 45.114 ng
RT: 16.49 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:200 Resp: 293927
Ion Ratio Lower Upper
200 100
173 28.8 5.2 45.2
215 46.7 30.4 70.4

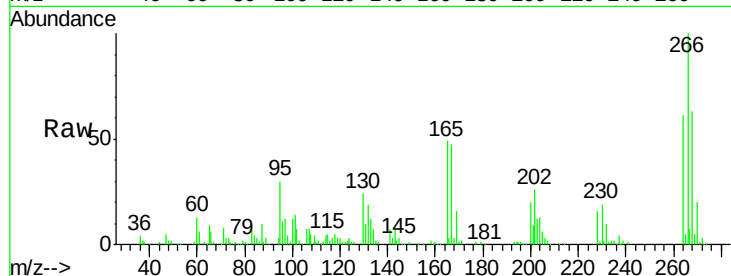




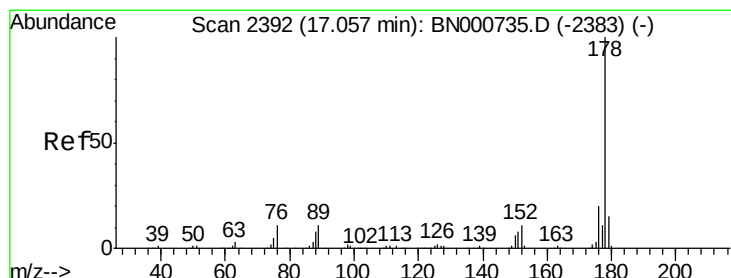
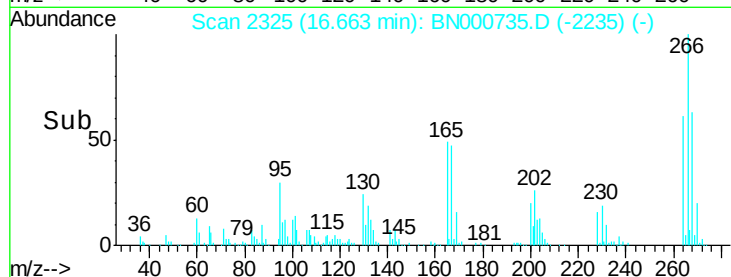
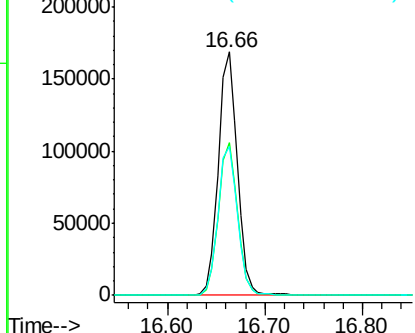
#69
 Pentachlorophenol
 Concen: 43.362 ng
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 229352
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 61.2 49.6 74.4

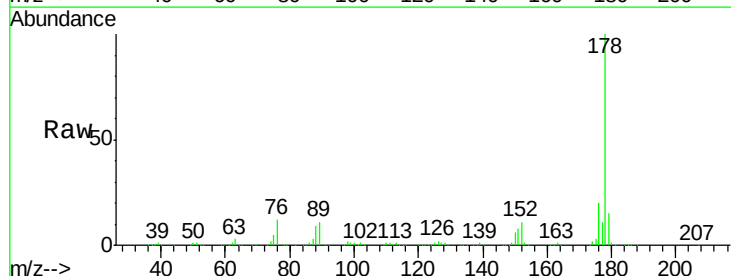


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

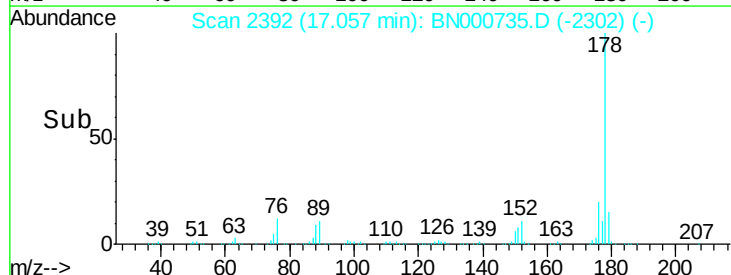
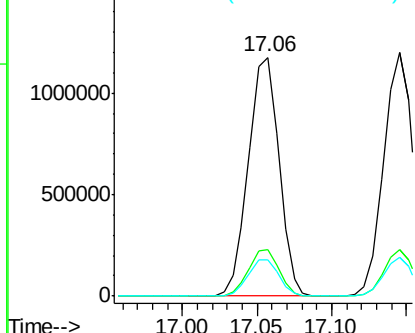


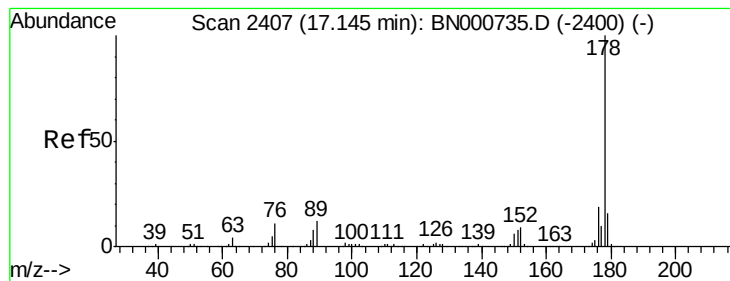
#70
 Phenanthrene
 Concen: 40.763 ng
 RT: 17.06 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:178 Resp: 1671663
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.3 12.5 18.7



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





#71

Anthracene

Concen: 41.207 ng

RT: 17.15 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

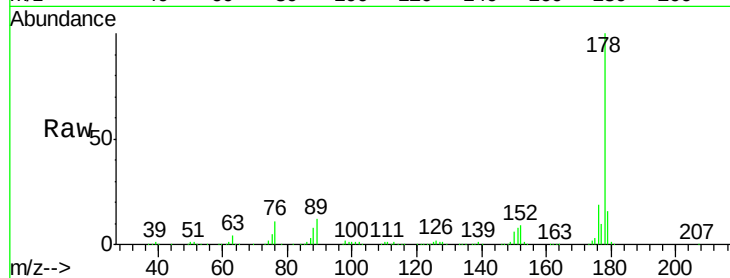
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 1648174

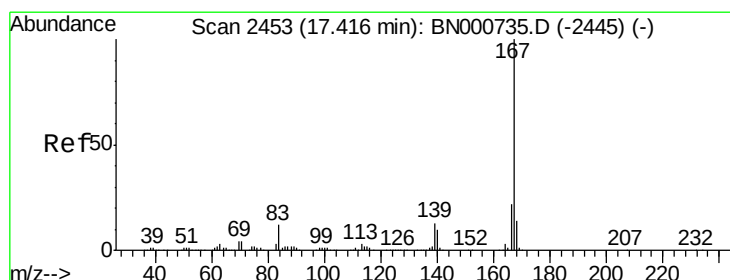
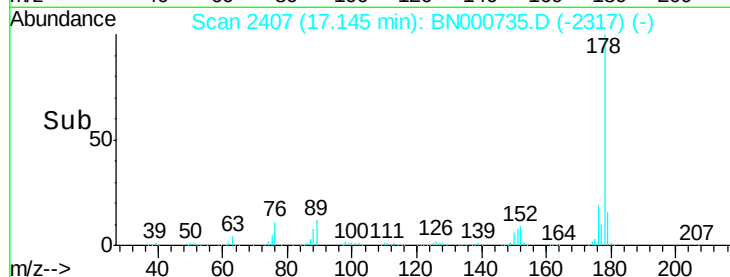
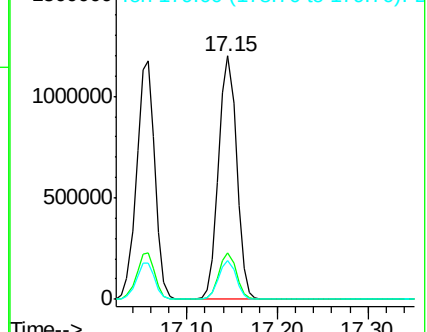
Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.7	12.5	18.7



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

Carbazole

Concen: 40.346 ng

RT: 17.42 min Scan# 2453

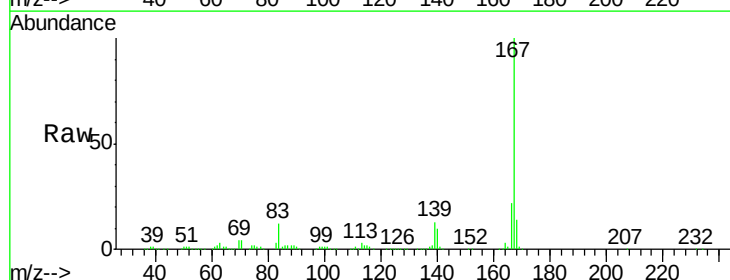
Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Tgt Ion:167 Resp: 1528913

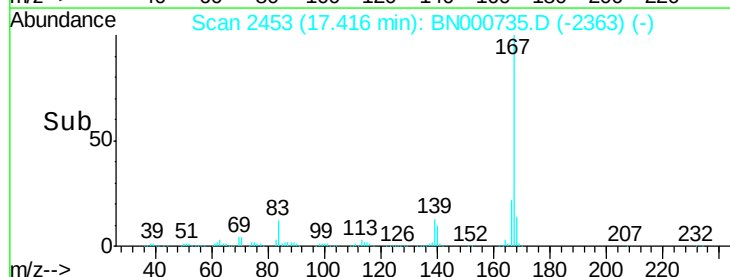
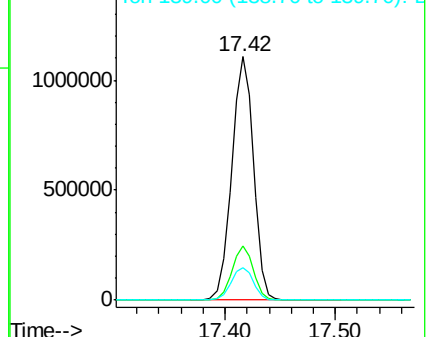
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.4	9.4	14.2

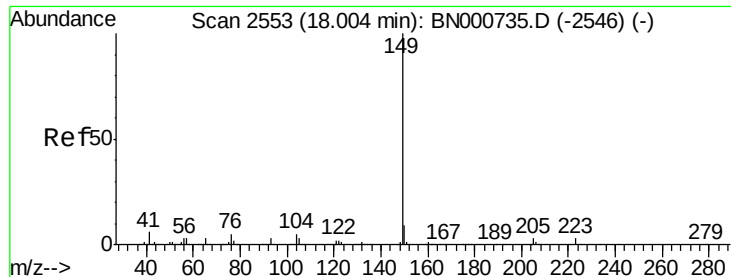


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.214 ng

RT: 18.00 min Scan# 2553

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

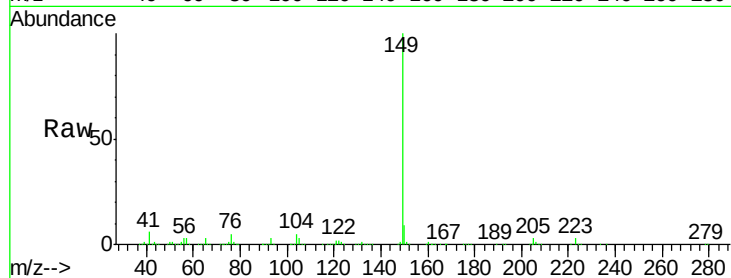
Tot Ion:149 Resp: 1816050

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

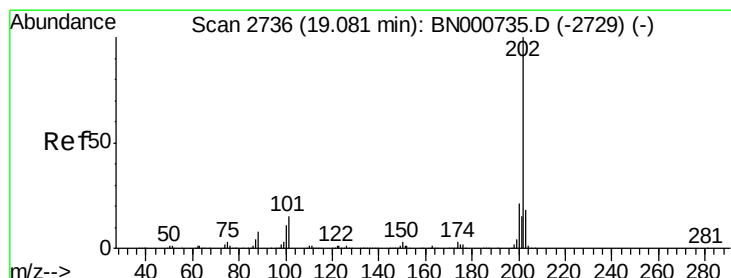
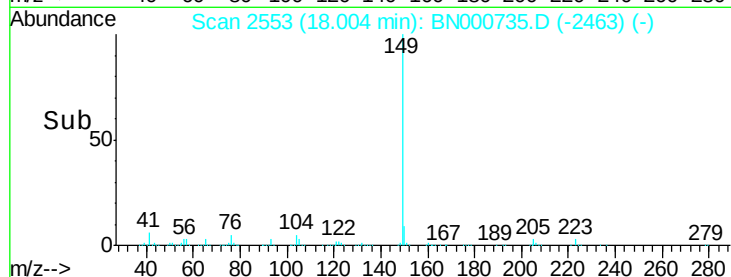
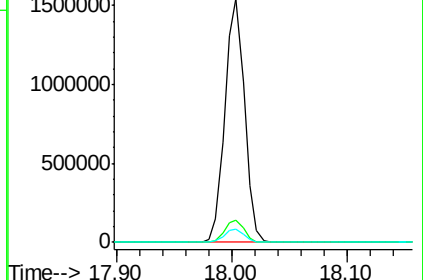
104 5.4 3.9 5.9



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



#74

Fluoranthene

Concen: 40.392 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

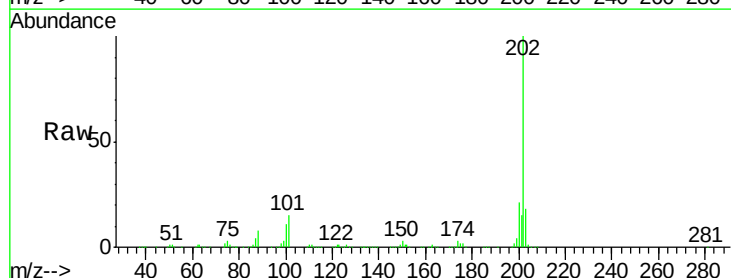
Tgt Ion:202 Resp: 1657982

Ion Ratio Lower Upper

202 100

101 15.0 0.0 28.9

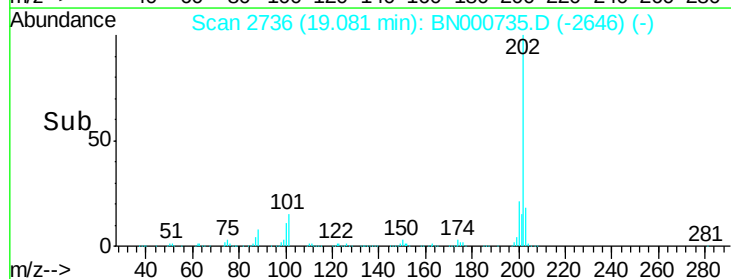
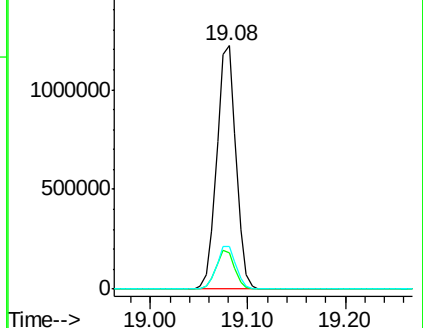
203 17.6 0.0 37.5

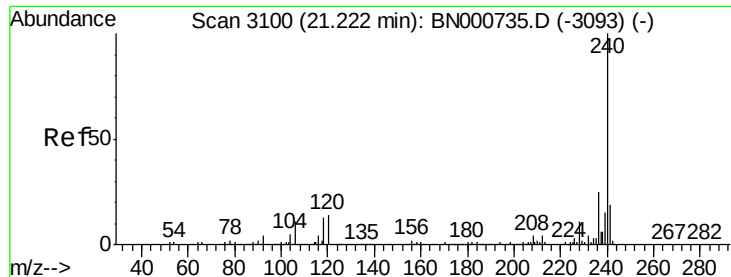


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

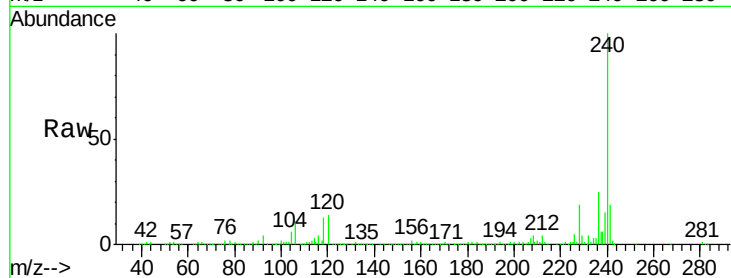
Tot Ion:240 Resp: 563546

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

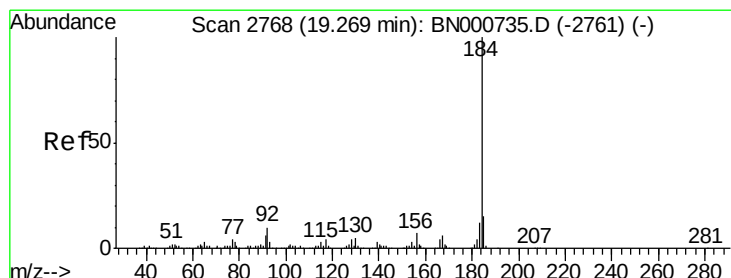
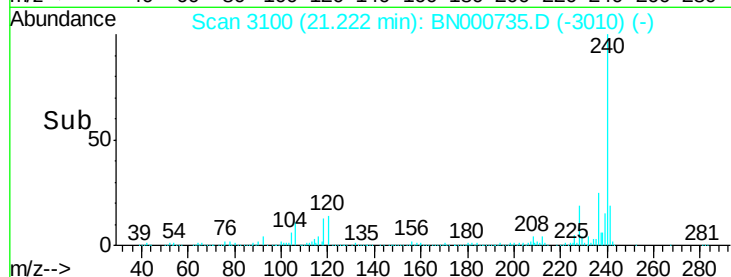
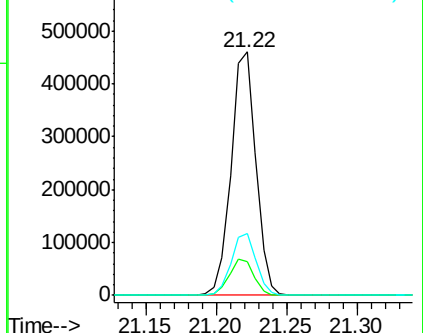
236 25.5 20.9 31.3



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



#76

Benzidine

Concen: 40.381 ng

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

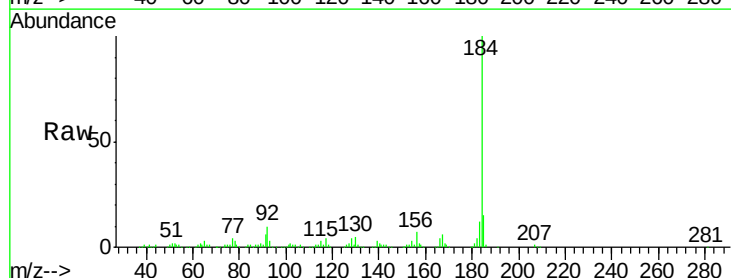
Tgt Ion:184 Resp: 622070

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

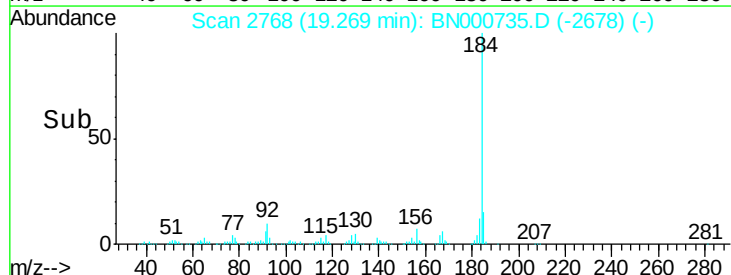
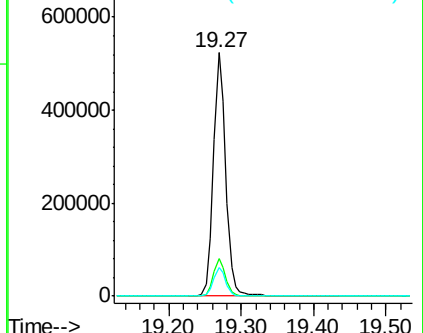
183 11.8 10.6 16.0

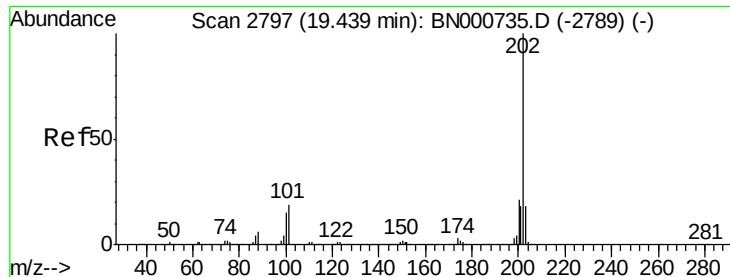


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

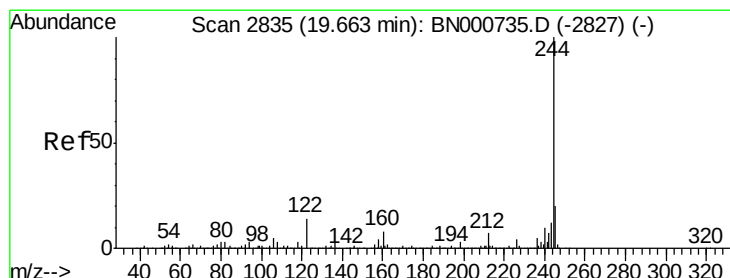
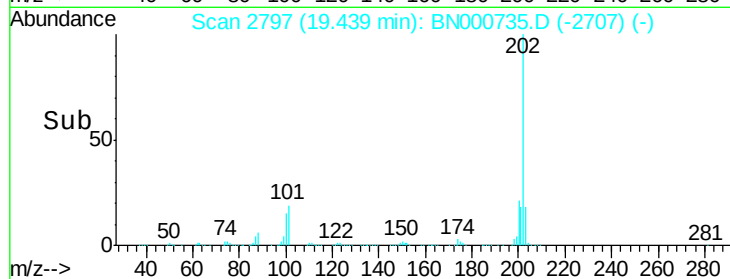
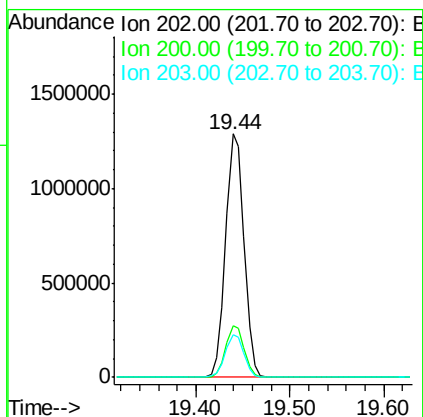
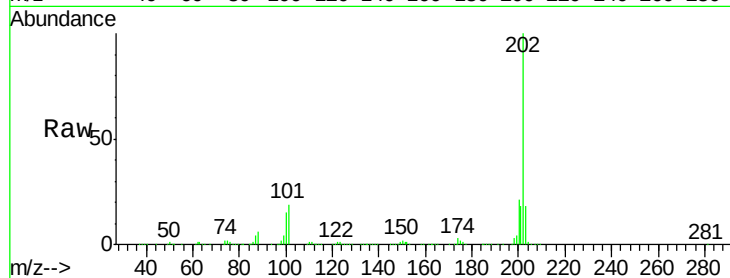




#77
Pvrene
Concen: 43.589 ng
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

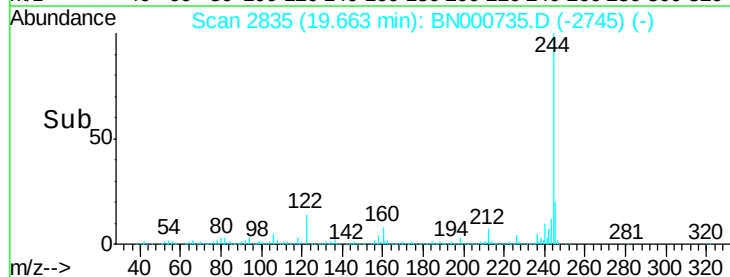
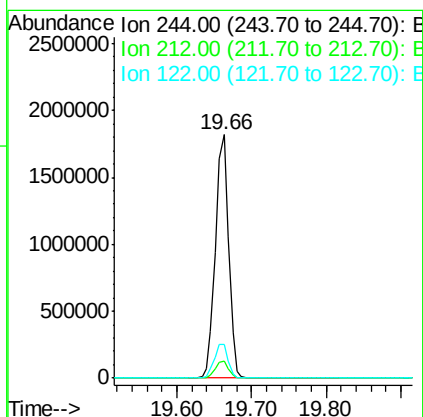
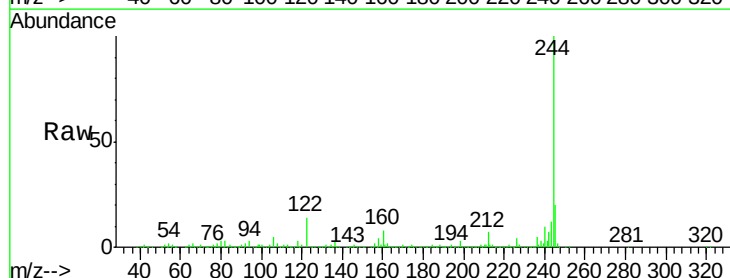
Instrument :
BNA_N
ClientSampleId :

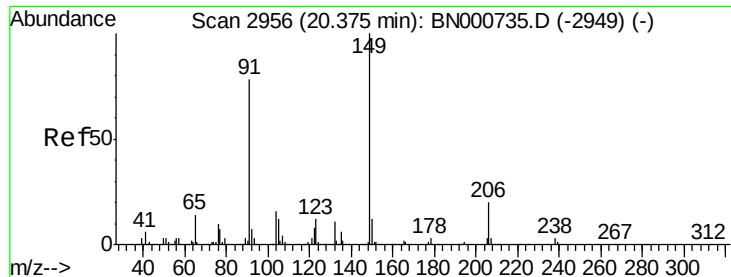
Tot Ion:202 Resp: 1755697
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.8 13.9 20.9



#78
Terphenyl-d14
Concen: 85.991 ng
RT: 19.66 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:244 Resp: 2218606
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.7 7.0 10.4#

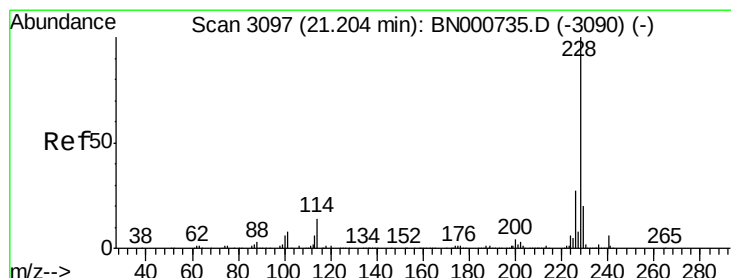
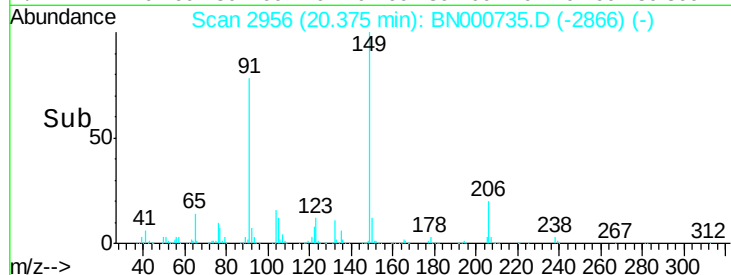
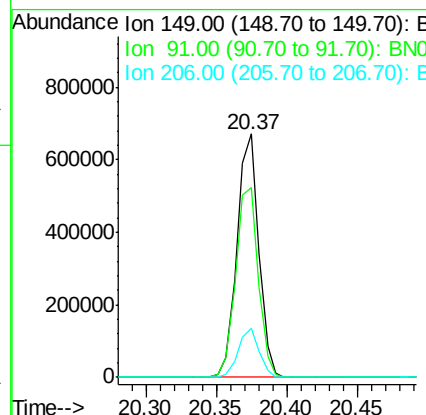
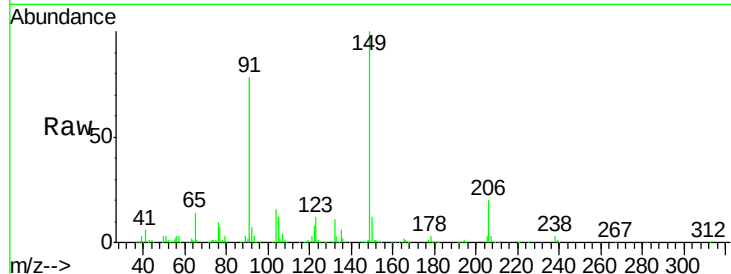




#79
Butylbenzylphthalate
Concen: 43.867 ng
RT: 20.37 min Scan# 2956
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

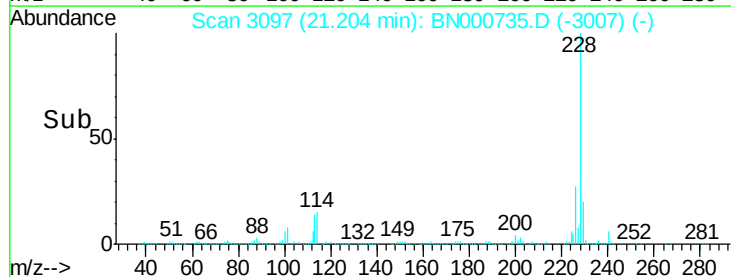
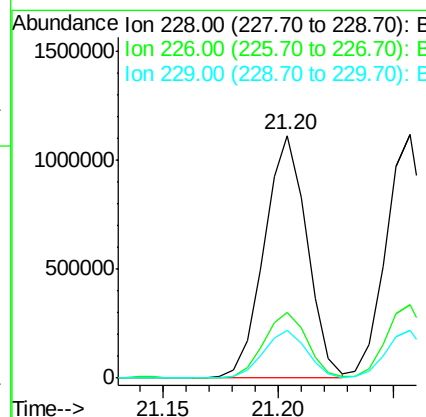
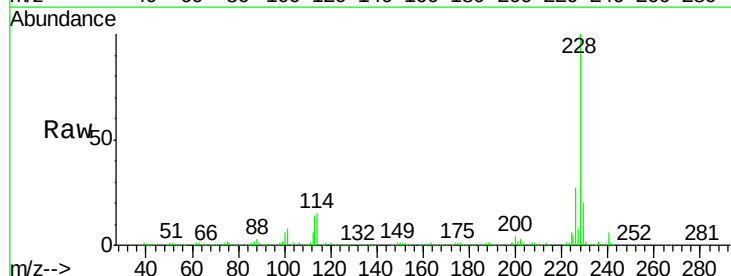
Instrument :
BNA_N
ClientSampleId :

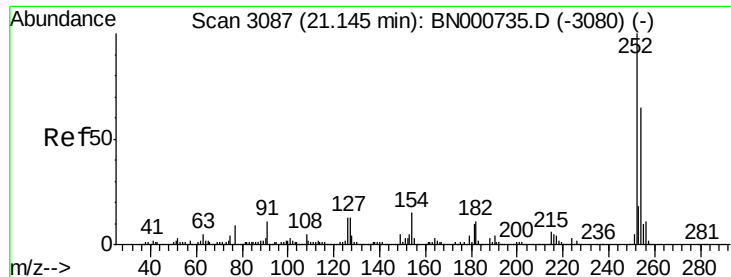
Tot Ion:149 Resp: 718223
Ion Ratio Lower Upper
149 100
91 78.2 62.2 93.2
206 20.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.397 ng
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:228 Resp: 1432527
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 19.6 16.2 24.2

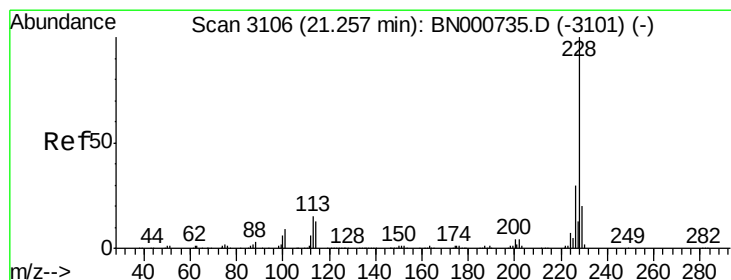
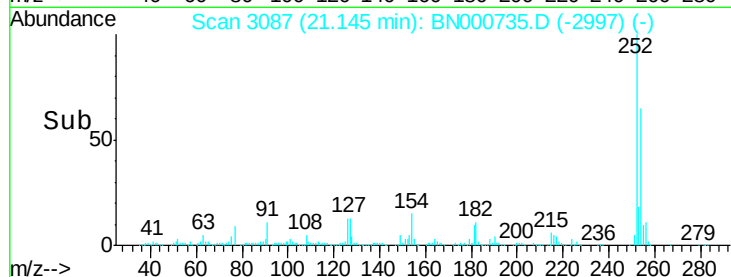
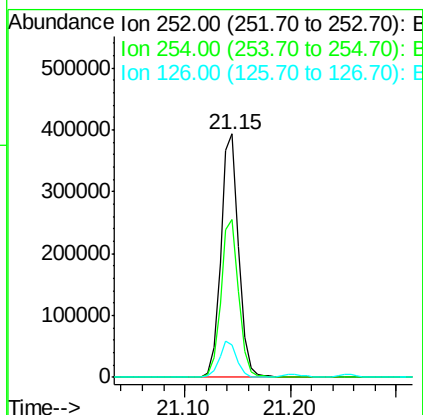
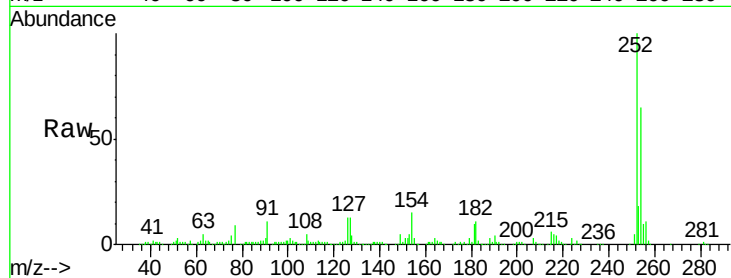




#81
 3,3'-Dichlorobenzidine
 Concen: 42.847 ng
 RT: 21.15 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

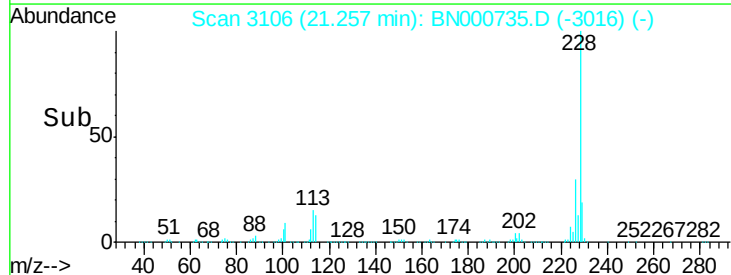
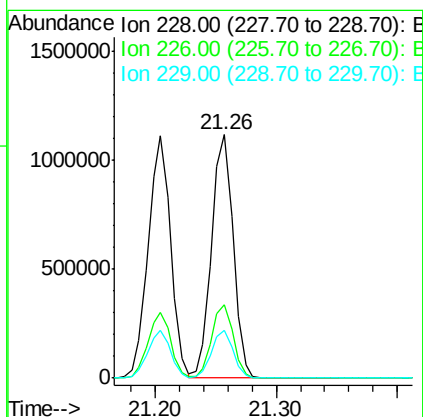
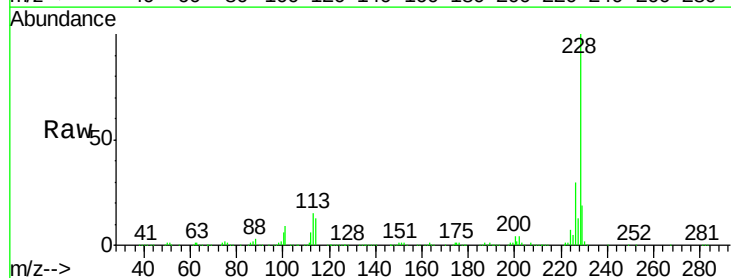
Instrument :
 BNA_N
 ClientSampleId :

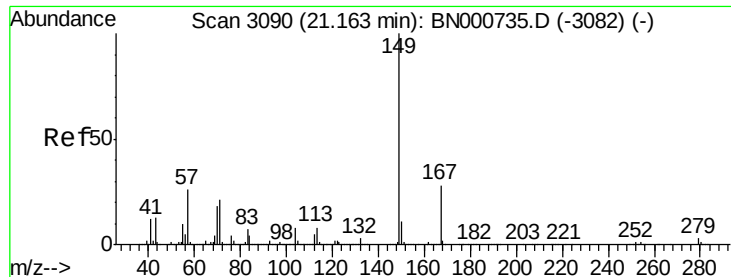
Tot Ion:252 Resp: 462971
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.8 76.2
 126 13.4 7.4 11.2#



#82
 Chrysene
 Concen: 39.726 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:228 Resp: 1374026
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 19.5 15.0 22.4

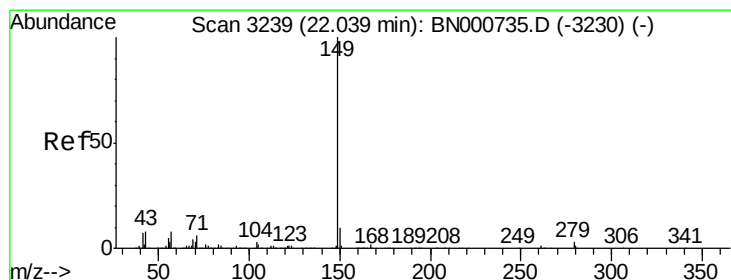
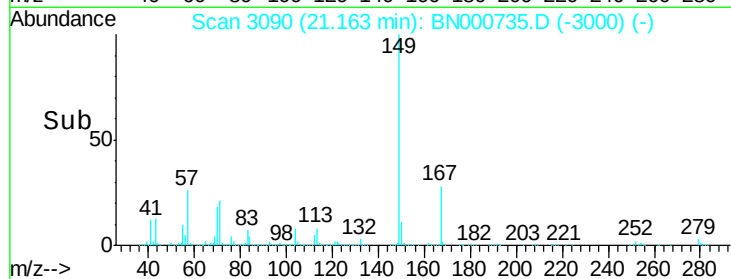
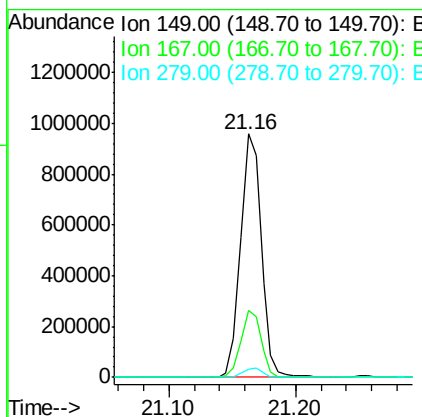
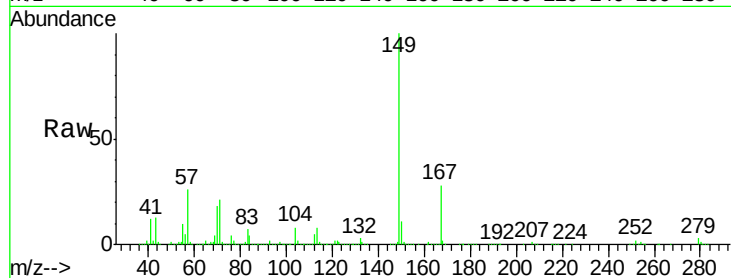




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.647 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

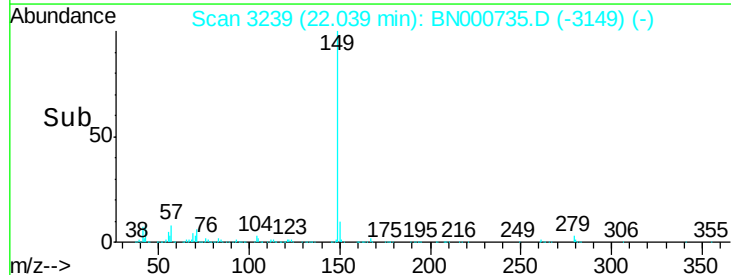
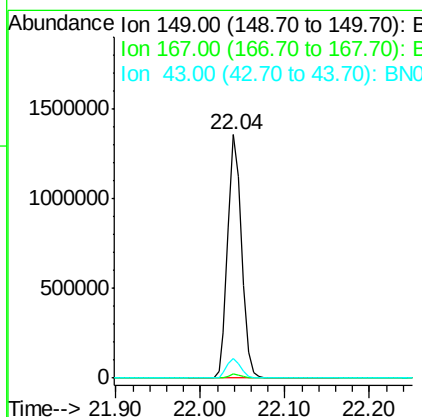
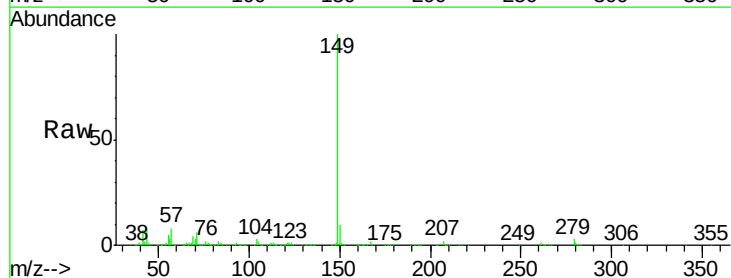
Instrument :
 BNA_N
 ClientSampleId :

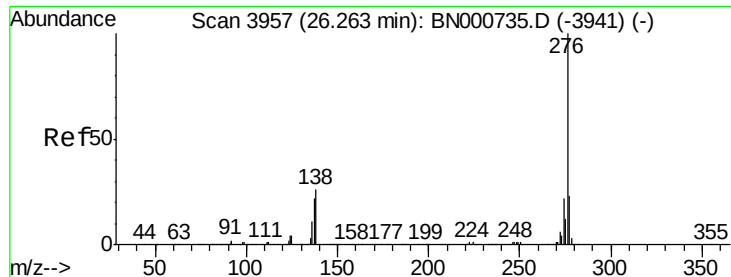
Tot Ion:149 Resp: 1083195
 Ion Ratio Lower Upper
 149 100
 167 27.5 24.3 36.5
 279 3.5 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 43.073 ng
 RT: 22.04 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BN000735.D
 Acq: 18 Apr 2018 11:39

Tgt Ion:149 Resp: 1533901
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.4 2.0
 43 8.3 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.612 ng

RT: 26.26 min Scan# 3957

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampled :

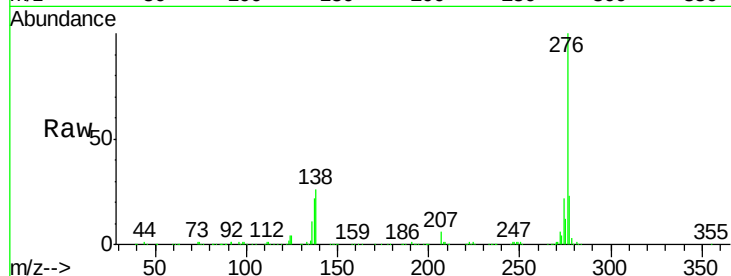
Tot Ion:276 Resp: 1105954

Ion Ratio Lower Upper

276 100

138 27.7 16.0 24.0#

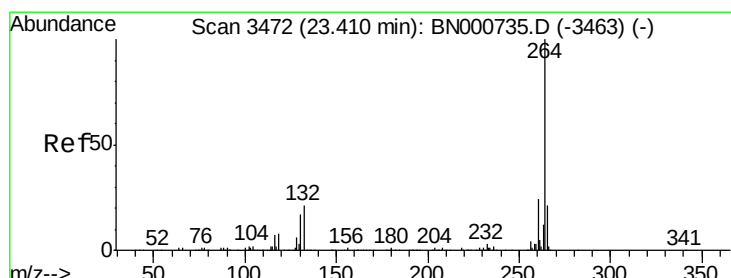
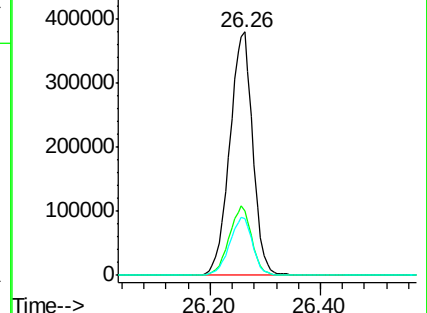
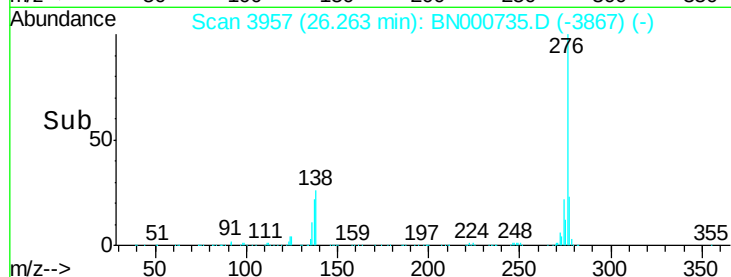
277 23.8 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

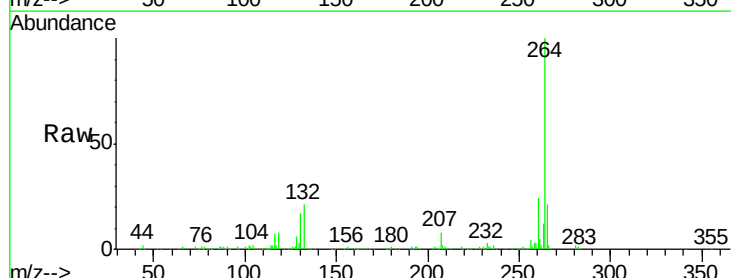
Tgt Ion:264 Resp: 491155

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

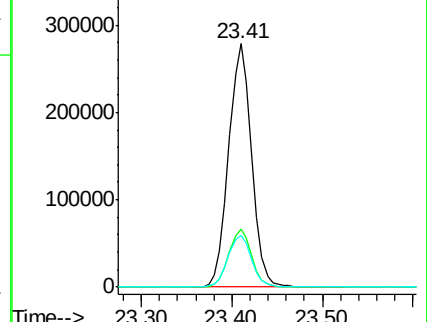
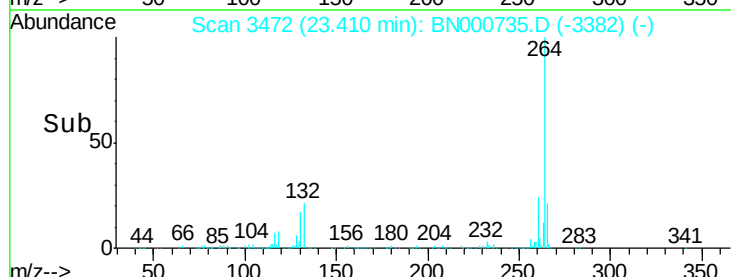
265 21.3 17.7 26.5

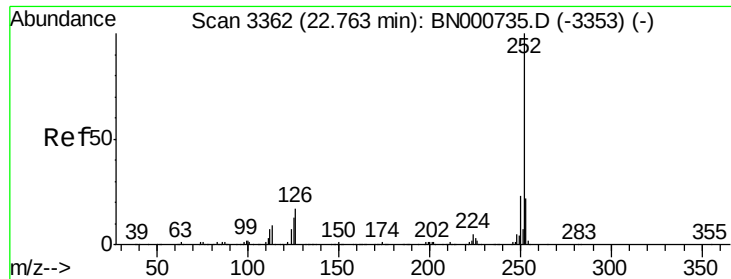


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

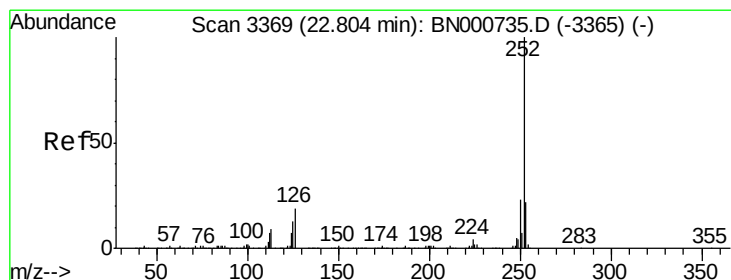
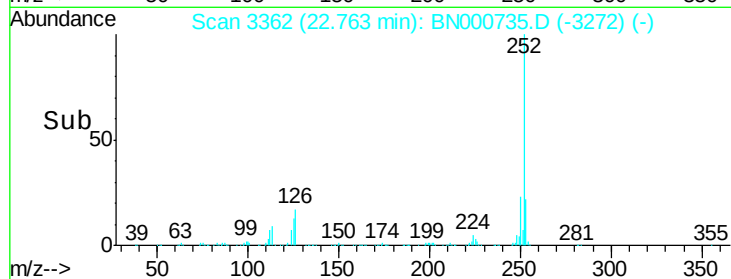
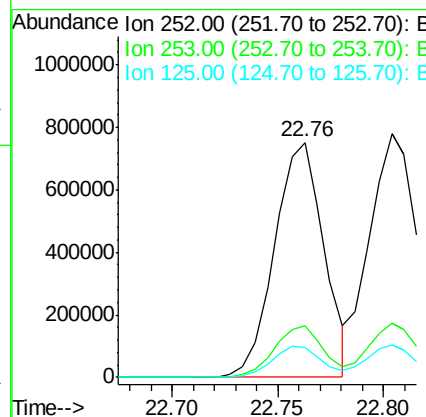
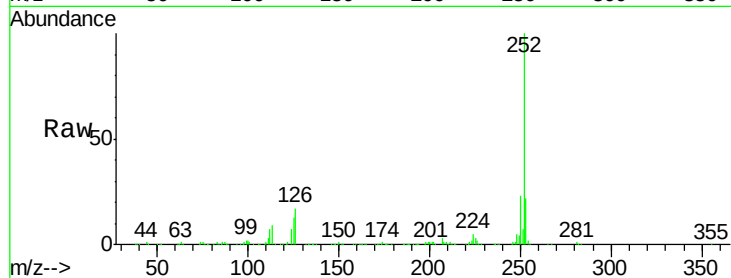




#87
Benzo(b)fluoranthene
Concen: 41.001 ng
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

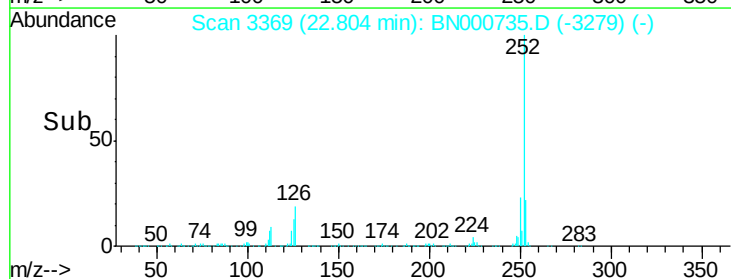
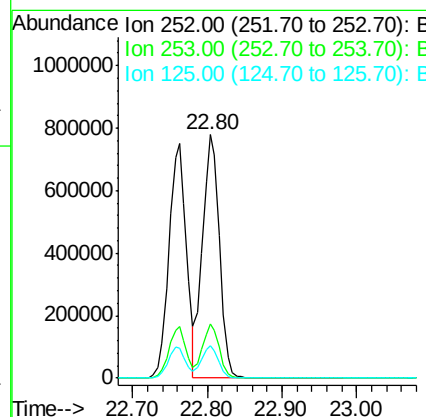
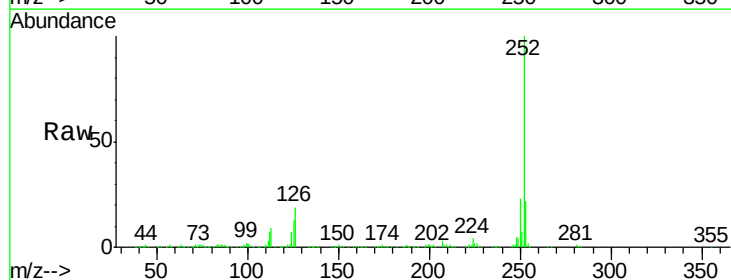
Instrument :
BNA_N
ClientSampleId :

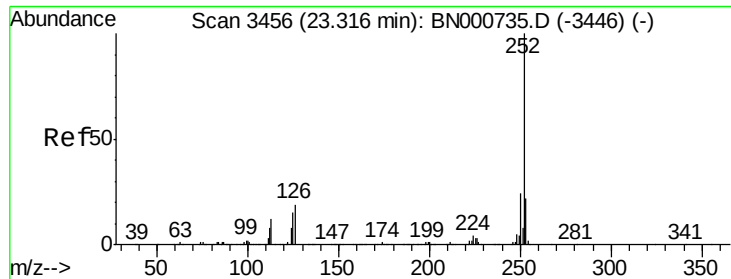
Tot Ion:252 Resp: 1222125
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 41.298 ng
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BN000735.D
Acq: 18 Apr 2018 11:39

Tgt Ion:252 Resp: 1237220
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.3 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 42.339 ng

RT: 23.32 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

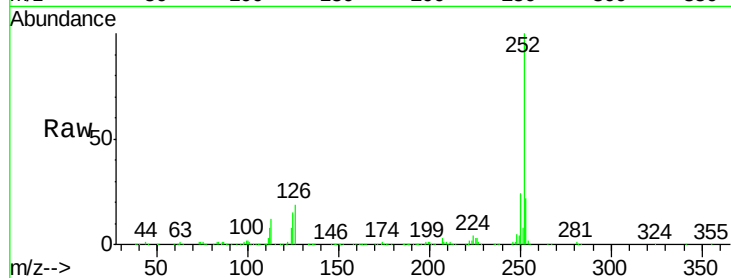
Tot Ion:252 Resp: 1152820

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

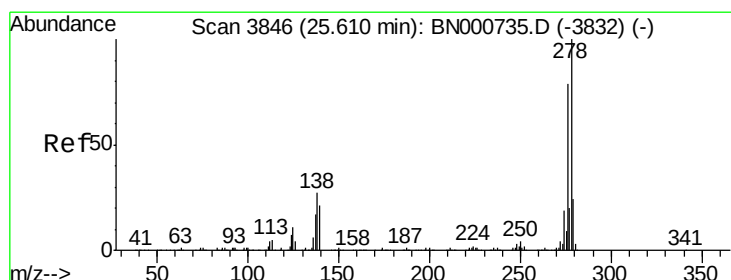
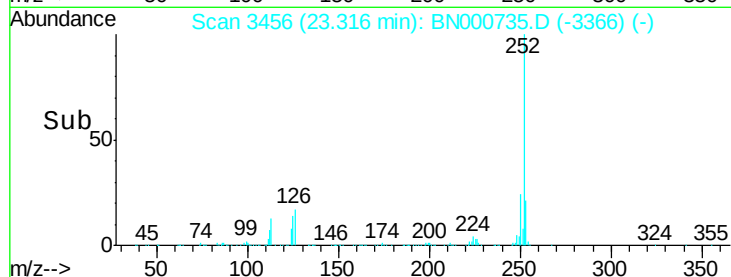
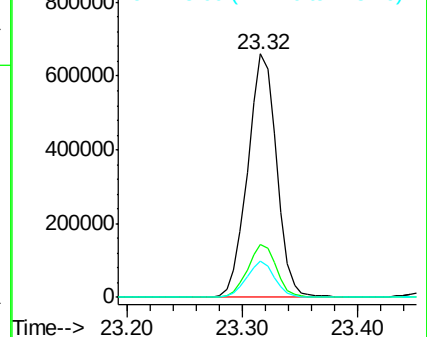
125 14.7 7.3 10.9#



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

Dibenzo(a,h)anthracene

Concen: 42.026 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

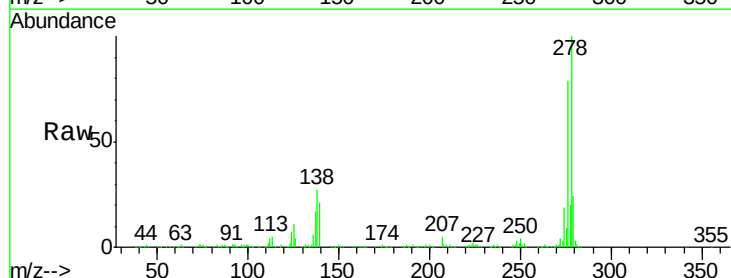
Tgt Ion:278 Resp: 1128013

Ion Ratio Lower Upper

278 100

139 21.0 9.8 14.6#

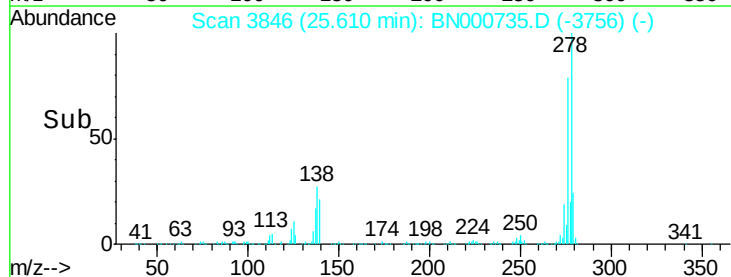
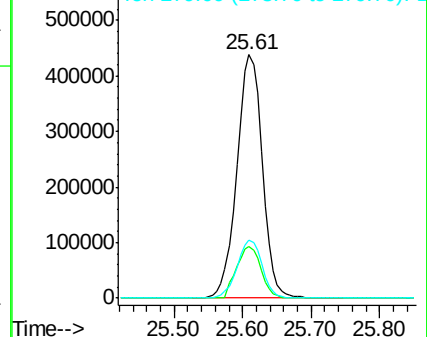
279 23.8 18.4 27.6

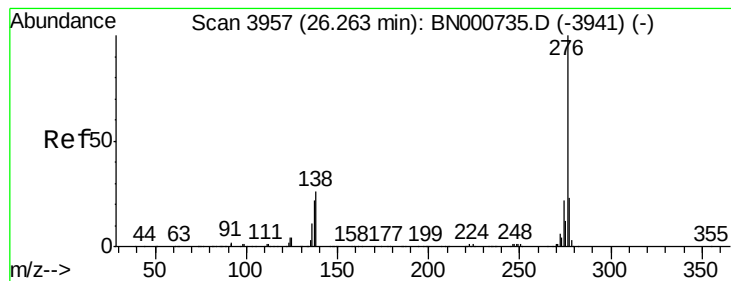


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.448 ng

RT: 26.26 min Scan# 3957

Delta R.T. 0.00 min

Lab File: BN000735.D

Acq: 18 Apr 2018 11:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 1105954

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 26.2 13.9 20.9#

