

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000764.D
 Acq On : 19 Apr 2018 05:28
 Operator : JU/SJ
 Sample : J2133-09
 Misc : 8PPM MDL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 19 06:41:50 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 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	145794	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	648410	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	354602	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	733370	20.00	ng	0.00
75) Chrysene-d12	21.21	240	638239	20.00	ng	-0.01
86) Perylene-d12	23.40	264	556243	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1296642	132.11	ng	0.00
7) Phenol-d6	6.81	99	1755601	131.26	ng	0.00
23) Nitrobenzene-d5	8.78	82	1057628	85.03	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	533272	149.38	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	2132534	83.02	ng	0.00
78) Terphenyl-d14	19.66	244	2569921	86.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	36272	8.057	ng	# 91
3) Pyridine	3.63	79	92971	7.840	ng	98
4) n-Nitrosodimethylamine	3.55	42	24171	7.412	ng	# 89
6) Aniline	6.97	93	138548	7.808	ng	94
8) 2-Chlorophenol	7.20	128	82008	8.079	ng	91
9) Benzaldehyde	6.78	77	41177	4.157	ng	99
10) Phenol	6.83	94	111972	7.943	ng	92
11) bis(2-Chloroethyl)ether	7.07	93	92047	7.981	ng	84
12) 1,3-Dichlorobenzene	7.52	146	95097	8.066	ng	99
13) 1,4-Dichlorobenzene	7.66	146	96287	8.045	ng	97
14) 1,2-Dichlorobenzene	7.98	146	92490	8.096	ng	97
15) Benzyl Alcohol	7.86	79	68539	7.451	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.16	45	99698	8.139	ng	80
17) 2-Methylphenol	8.06	107	73492	7.755	ng	96
18) Hexachloroethane	8.69	117	33655	7.630	ng	# 82
19) n-Nitroso-di-n-propylamine	8.43	70	66165	7.952	ng	# 84
20) 3+4-Methylphenols	8.39	107	102070	7.837	ng	94
22) Acetophenone	8.44	105	146104	7.863	ng	# 89
24) Nitrobenzene	8.82	77	109028	8.175	ng	# 96
25) Isophorone	9.33	82	166711	7.397	ng	99
26) 2-Nitrophenol	9.52	139	37401	6.845	ng	94
27) 2,4-Dimethylphenol	9.58	122	67320	7.547	ng	96
28) bis(2-Chloroethoxy)methane	9.82	93	116500	7.929	ng	97
29) 2,4-Dichlorophenol	10.04	162	65683	7.478	ng	96
30) 1,2,4-Trichlorobenzene	10.26	180	85429	8.069	ng	93
31) Naphthalene	10.45	128	279570	8.020	ng	98
32) Benzoic acid	9.66	122	38164	8.733	ng	92
33) 4-Chloroaniline	10.55	127	109184	7.670	ng	96
34) Hexachlorobutadiene	10.73	225	45220	7.864	ng	98
35) Caprolactam	11.30	113	19162	6.305	ng	99
36) 4-Chloro-3-methylphenol	11.68	107	78580	7.577	ng	98
37) 2-Methylnaphthalene	12.06	142	185744	8.134	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	86206	7.839	ng	# 97
40) Hexachlorocyclopentadiene	12.42	237	44177	6.850	ng	91

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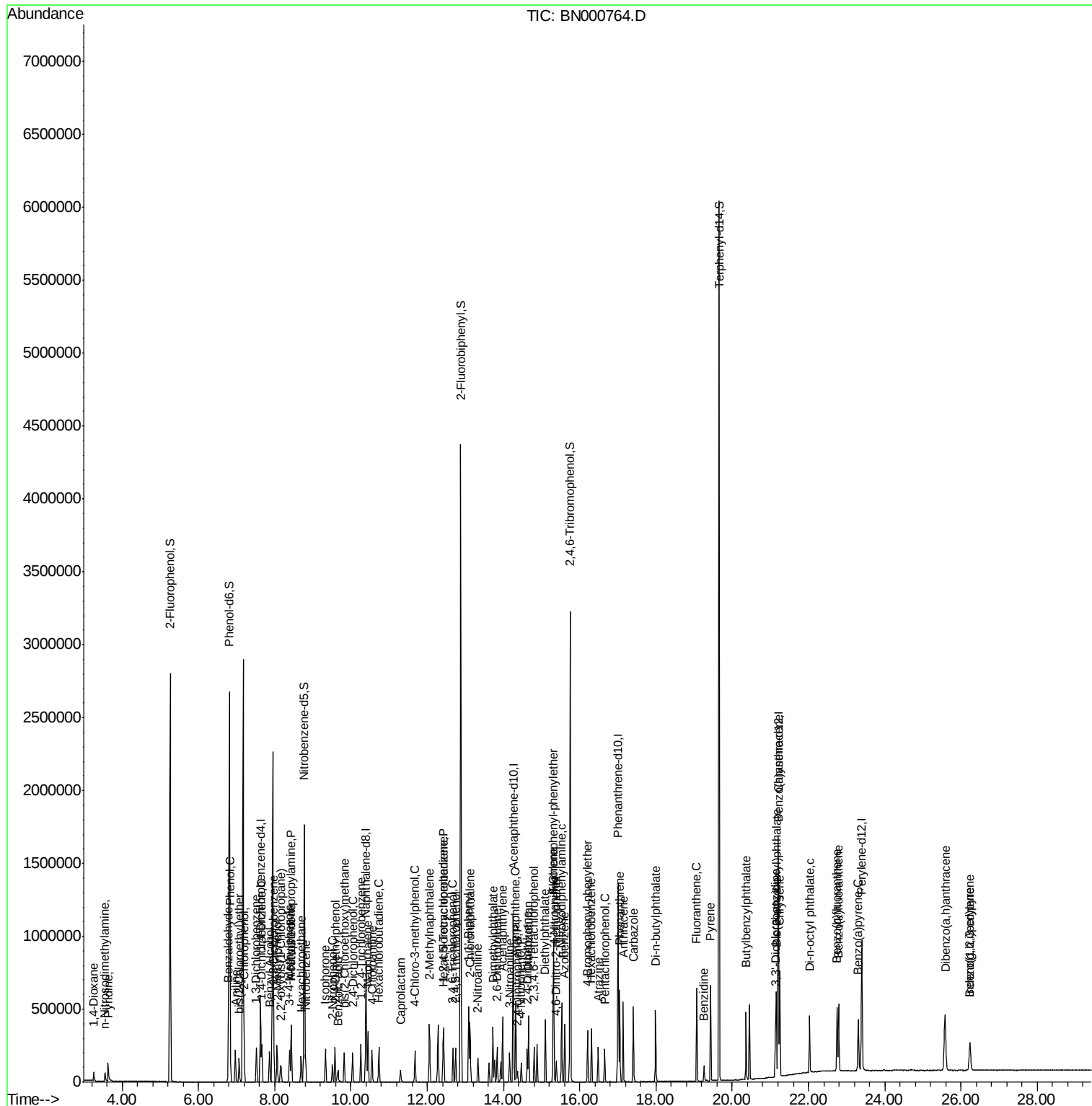
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.67	196	46649	6.994	nq	99
43) 2,4,5-Trichlorophenol	12.75	196	57530	7.468	nq	# 92
45) 1,1'-Biphenyl	13.09	154	256453	8.080	nq	97
46) 2-Chloronaphthalene	13.12	162	188543	7.923	nq	96
47) 2-Nitroaniline	13.33	65	44454	6.439	nq	93
48) Acenaphthylene	13.97	152	297064	7.874	nq	98
49) Dimethylphthalate	13.72	163	230264	8.126	nq	99
50) 2,6-Dinitrotoluene	13.83	165	44651	7.439	nq	93
51) Acenaphthene	14.32	154	182756	7.948	nq	99
52) 3-Nitroaniline	14.16	138	47668	6.978	nq	# 92
53) 2,4-Dinitrophenol	14.37	184	14962	10.147	nq	96
54) Dibenzofuran	14.66	168	273601	8.174	nq	97
55) 4-Nitrophenol	14.47	139	32537	6.414	nq	88
56) 2,4-Dinitrotoluene	14.62	165	55843	7.106	nq	95
57) Fluorene	15.31	166	218608	8.261	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.80	232	43765	7.390	nq	93
59) Diethylphthalate	15.10	149	224242	7.984	nq	97
60) 4-Chlorophenyl-phenylether	15.32	204	104300	8.432	nq	93
61) 4-Nitroaniline	15.33	138	46238	6.881	nq	91
62) Azobenzene	15.60	77	239355	7.959	nq	89
64) 4,6-Dinitro-2-methylphenol	15.39	198	26950	5.950	nq	87
65) n-Nitrosodiphenylamine	15.53	169	187420	7.612	nq	96
66) 4-Bromophenyl-phenylether	16.20	248	56995	7.650	nq	# 87
67) Hexachlorobenzene	16.31	284	68026	7.885	nq	# 91
68) Atrazine	16.48	200	35058	5.256	nq	95
69) Pentachlorophenol	16.66	266	33697	6.045	nq	98
70) Phenanthrene	17.05	178	340371	8.014	nq	99
71) Anthracene	17.14	178	326015	7.838	nq	97
72) Carbazole	17.41	167	305529	7.816	nq	97
73) Di-n-butylphthalate	17.99	149	325163	7.300	nq	98
74) Fluoranthene	19.07	202	342305	7.996	nq	94
76) Benzidine	19.26	184	54674	3.163	nq	# 93
77) Pyrene	19.43	202	363581	7.908	nq	99
79) Butylbenzylphthalate	20.36	149	115314	5.954	nq	91
80) Benzo(a)anthracene	21.20	228	319124	7.934	nq	97
81) 3,3'-Dichlorobenzidine	21.13	252	74282	5.867	nq	# 96
82) Chrysene	21.24	228	313459	8.050	nq	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	184264	6.228	nq	# 93
84) Di-n-octyl phthalate	22.03	149	222443	5.255	nq	95
85) Indeno(1,2,3-cd)pyrene	26.23	276	205653	6.141	nq	# 91
87) Benzo(b)fluoranthene	22.75	252	261277	7.731	nq	# 95
88) Benzo(k)fluoranthene	22.79	252	272091	8.083	nq	# 96
89) Benzo(a)pyrene	23.30	252	230809	7.484	nq	# 93
90) Dibenzo(a,h)anthracene	25.59	278	215344	7.086	nq	# 93
91) Benzo(g,h,i)perylene	26.23	276	205653	6.931	nq	# 89

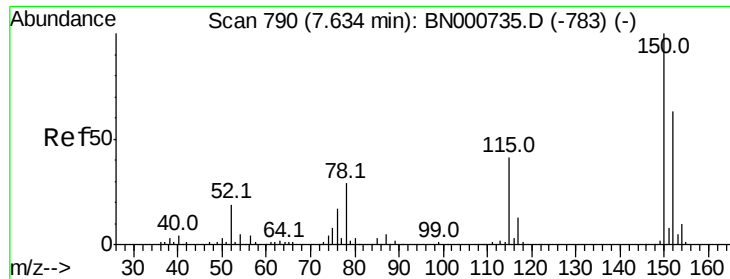
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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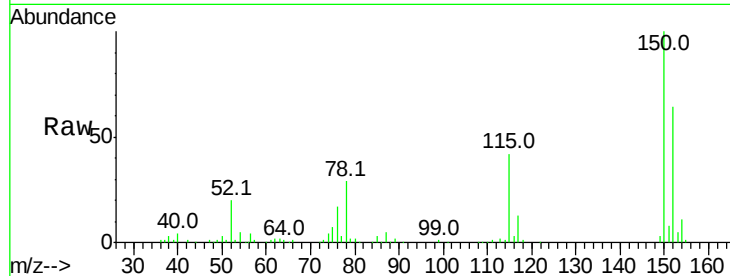


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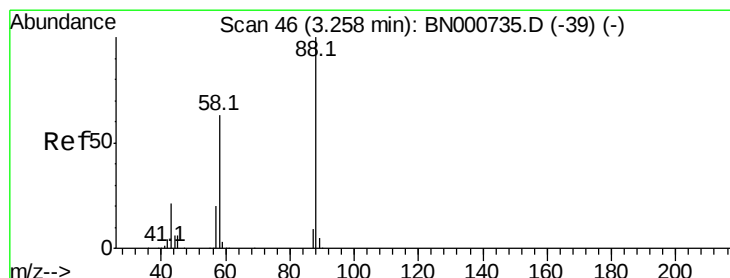
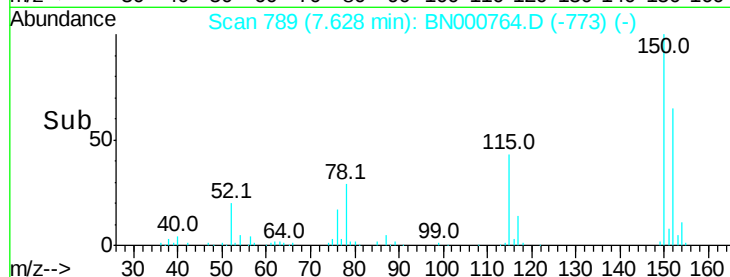
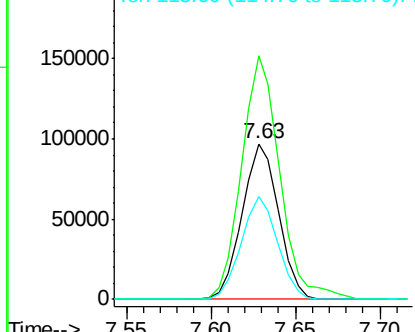
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 145794
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 66.4 53.0 79.4



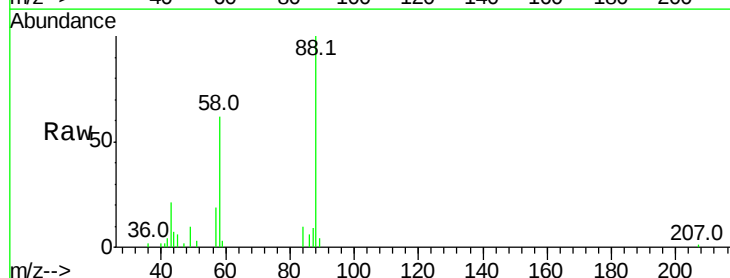
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



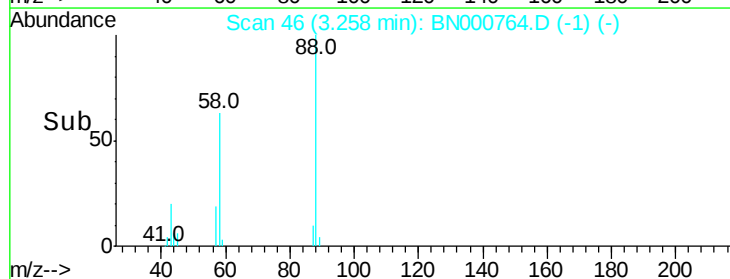
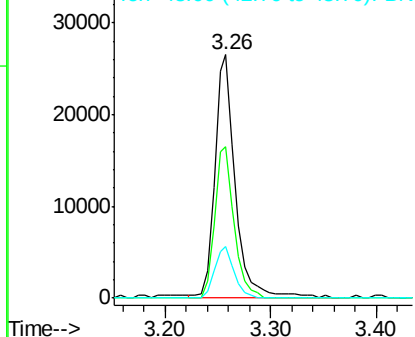
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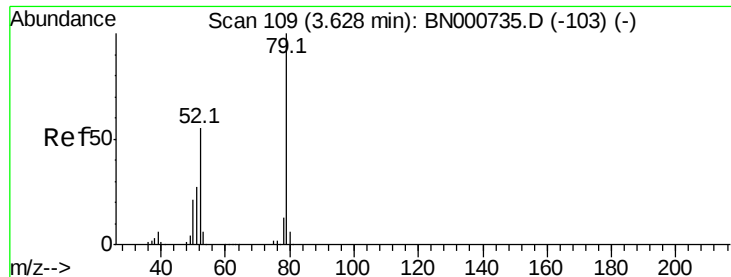
1,4-Dioxane
Concen: 8.057 ng
RT: 3.26 min Scan# 46
Delta R.T. -0.00 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion: 88 Resp: 36272
Ion Ratio Lower Upper
88 100
58 58.4 52.0 78.0
43 19.9 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

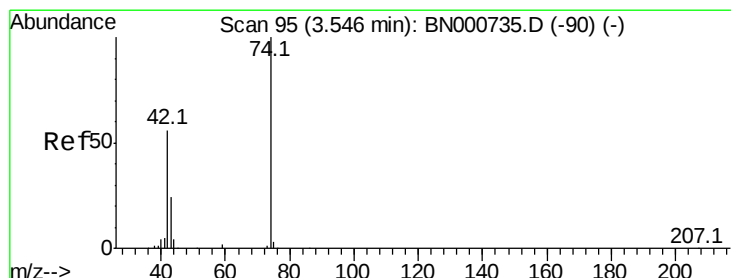
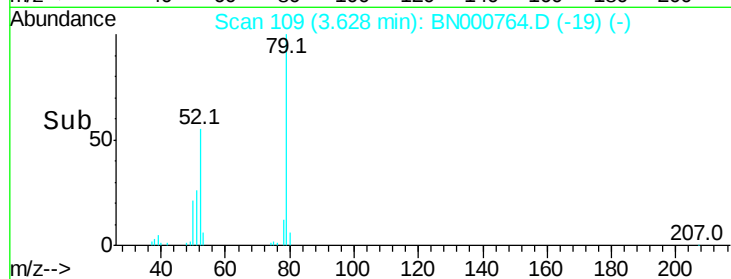
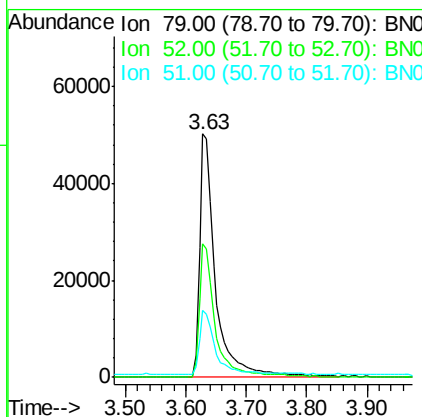
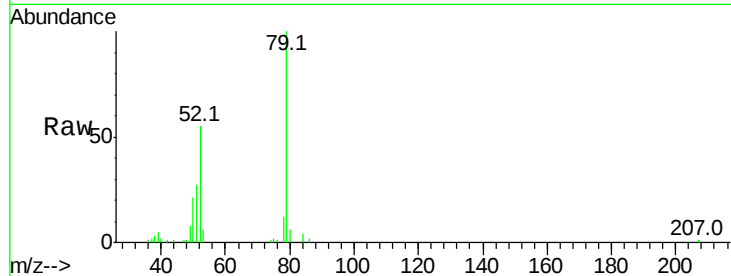




#3
 Pvridine
 Concen: 7.840 ng
 RT: 3.63 min Scan# 109
 Delta R.T. -0.00 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

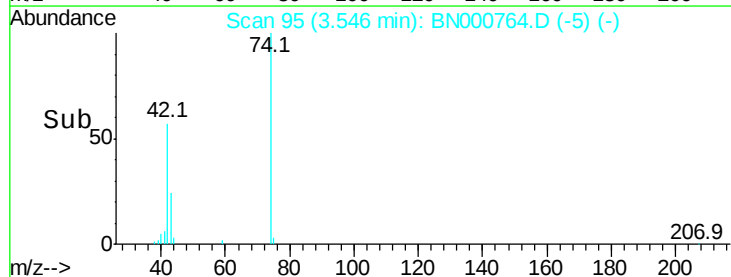
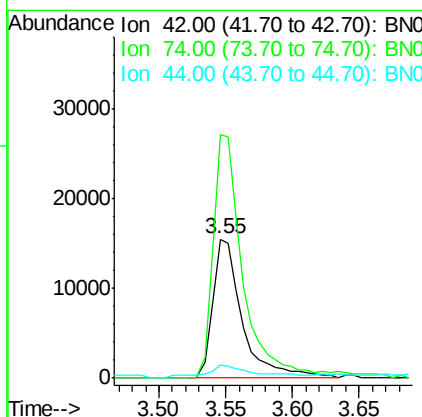
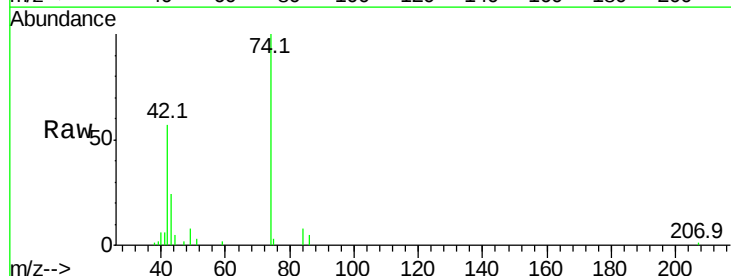
Instrument :
 BNA_N
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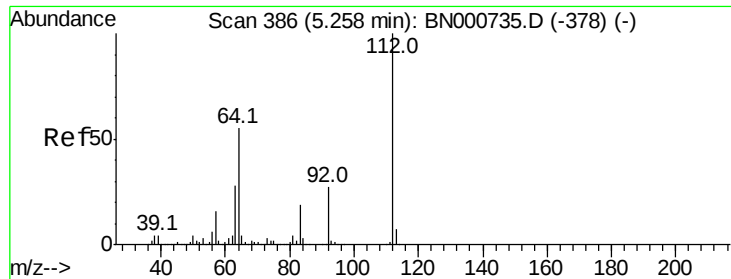
Tot Ion: 79 Resp: 92971
 Ion Ratio Lower Upper
 79 100
 52 54.7 44.0 66.0
 51 27.5 24.0 36.0



#4
 n-Nitrosodimethylamine
 Concen: 7.412 ng
 RT: 3.55 min Scan# 95
 Delta R.T. -0.00 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion: 42 Resp: 24171
 Ion Ratio Lower Upper
 42 100
 74 174.9 128.0 192.0
 44 9.2 12.0 18.0#





#5

2-Fluorophenol

Concen: 132.114 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

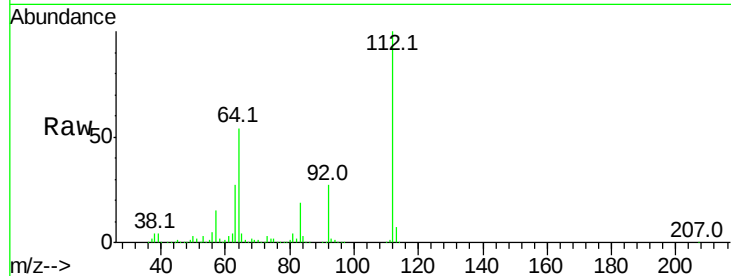
Tot Ion:112 Resp: 1296642

Ion Ratio Lower Upper

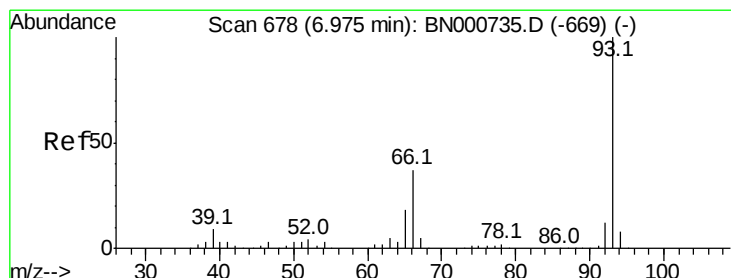
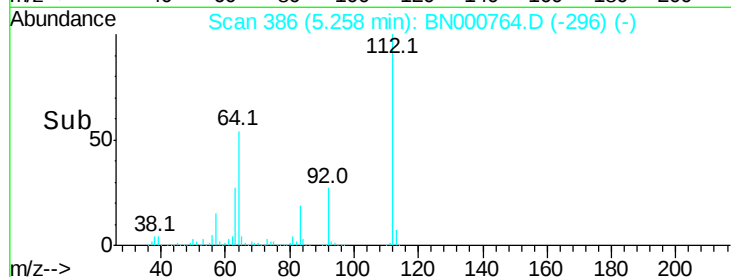
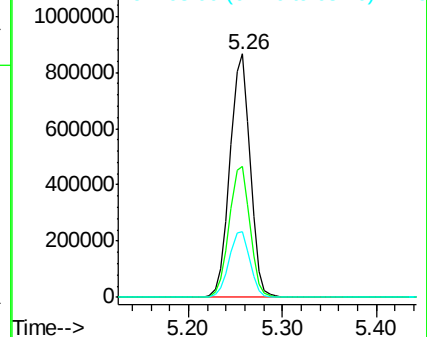
112 100

64 54.0 56.3 84.5#

63 27.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 7.808 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

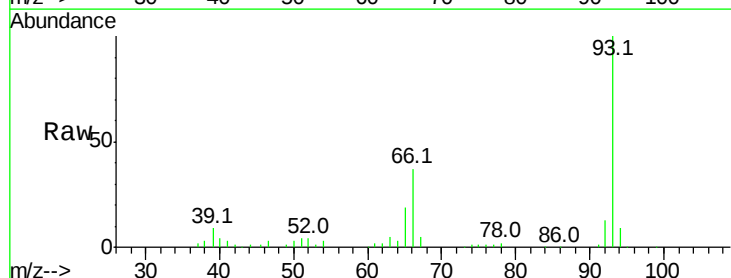
Tgt Ion: 93 Resp: 138548

Ion Ratio Lower Upper

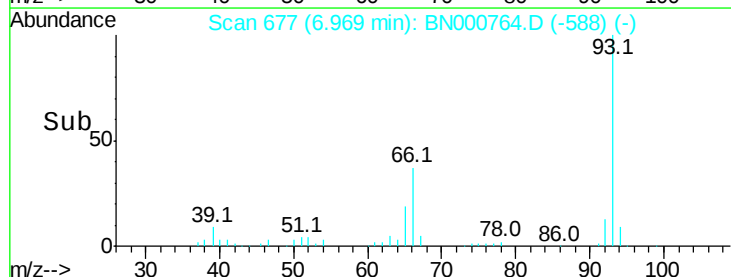
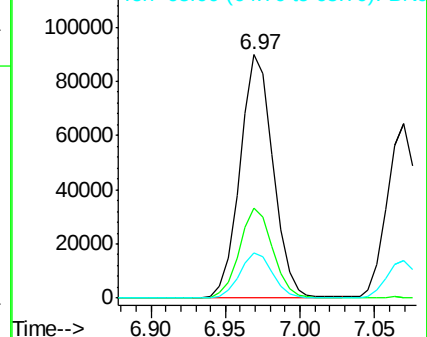
93 100

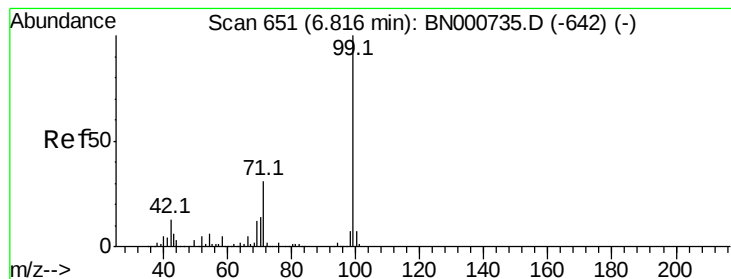
66 37.1 33.7 50.5

65 18.6 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: 131.263 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampled :

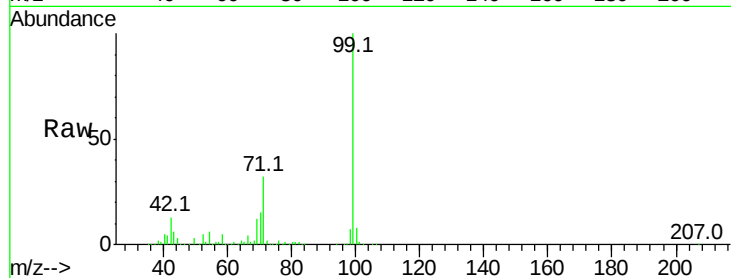
Tot Ion: 99 Resp: 1755601

Ion Ratio Lower Upper

99 100

42 13.1 14.1 21.1#

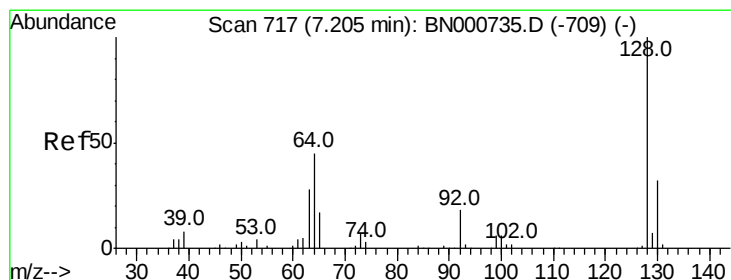
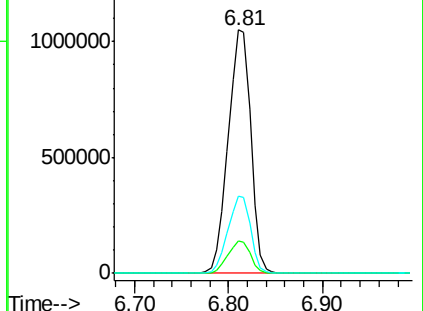
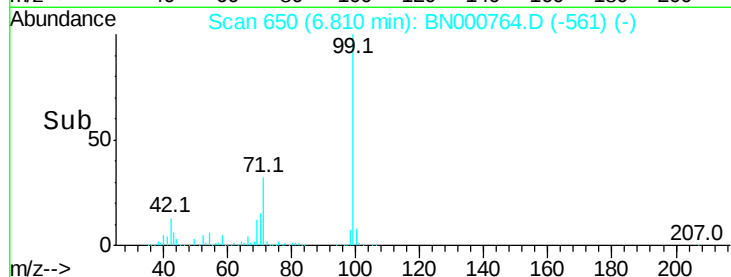
71 31.8 26.1 39.1



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: 8.079 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

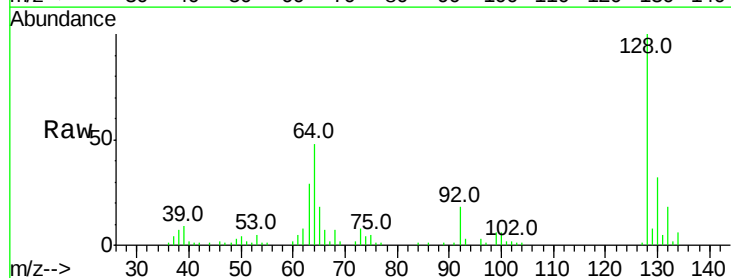
Tgt Ion:128 Resp: 82008

Ion Ratio Lower Upper

128 100

130 31.8 14.0 54.0

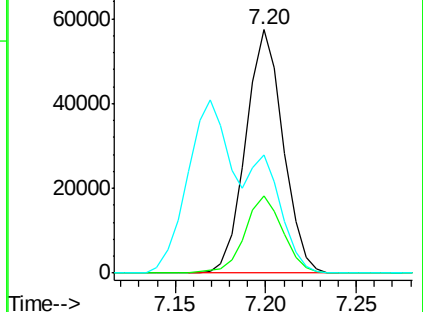
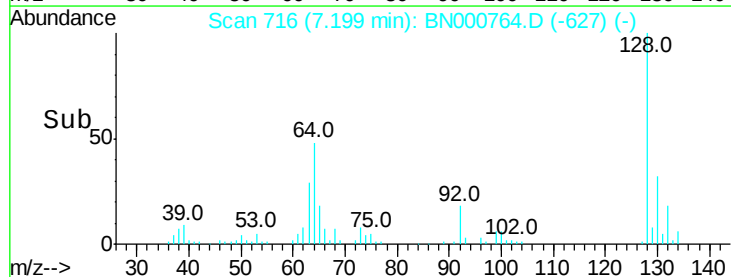
64 48.3 37.7 77.7

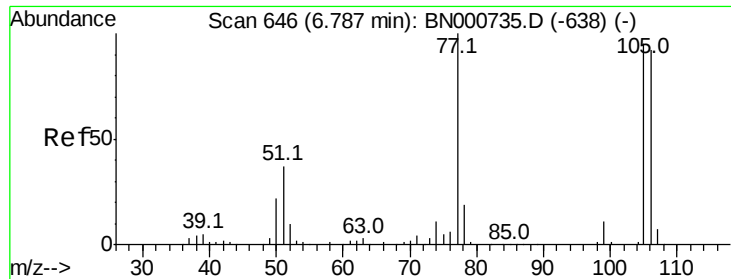


Abundance Ion 128.00 (127.70 to 128.70): BN000735.D (-709) (-)

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: 4.157 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

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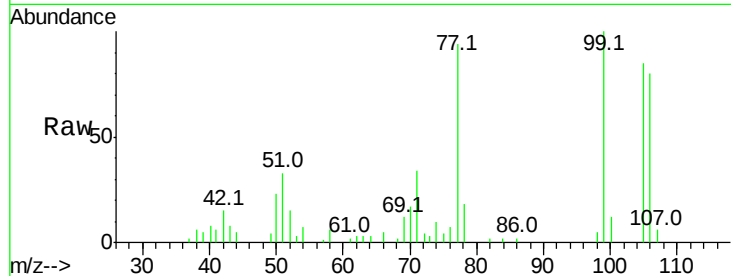
Tot Ion: 77 Resp: 41177

Ion Ratio Lower Upper

77 100

105 90.0 71.3 111.3

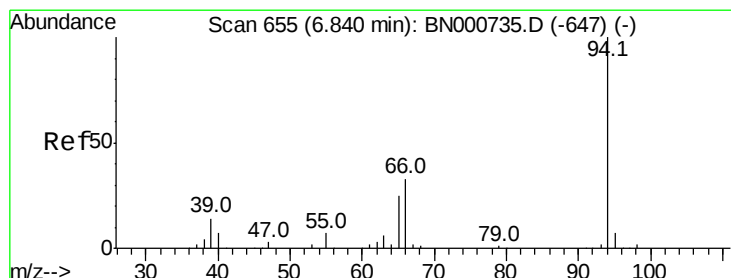
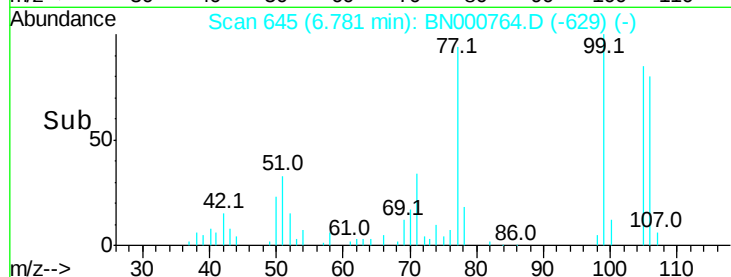
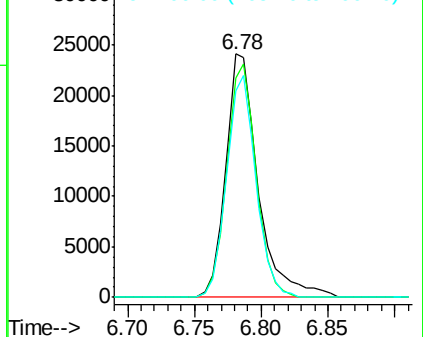
106 84.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN000735.D (-638) (-)

Ion 105.00 (104.70 to 105.70): BN000735.D (-638) (-)

Ion 106.00 (105.70 to 106.70): BN000735.D (-638) (-)



#10

Phenol

Concen: 7.943 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

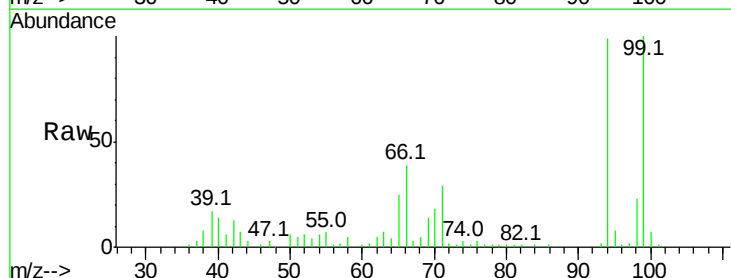
Tgt Ion: 94 Resp: 111972

Ion Ratio Lower Upper

94 100

65 25.5 11.9 51.9

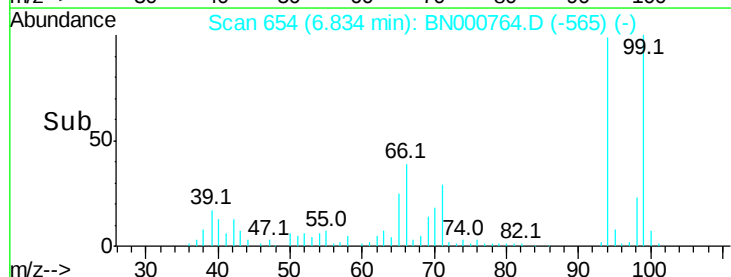
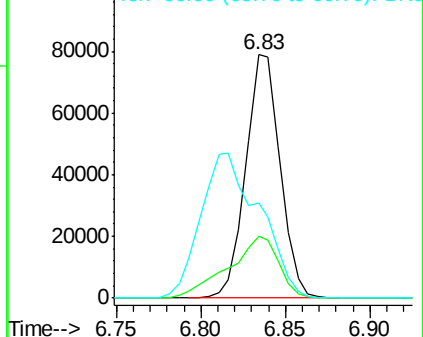
66 39.3 22.2 62.2

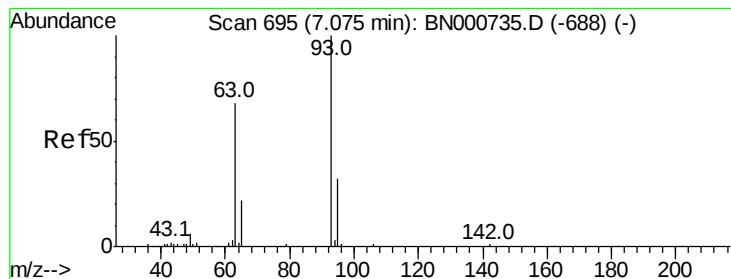


Abundance Ion 94.00 (93.70 to 94.70): BN000735.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BN000735.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BN000735.D (-647) (-)

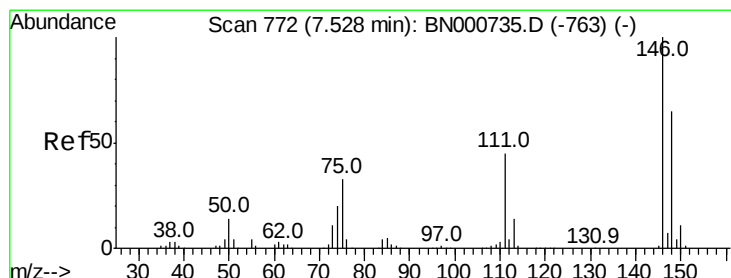
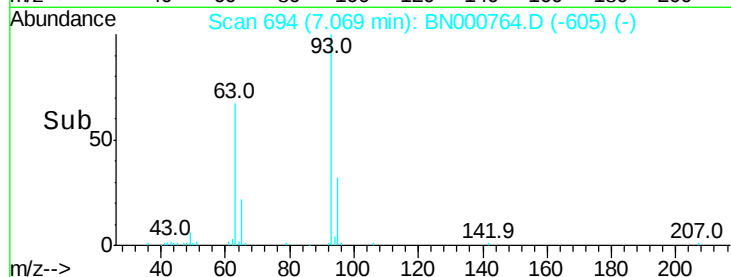
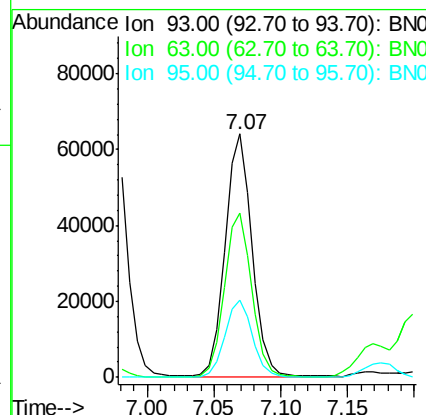
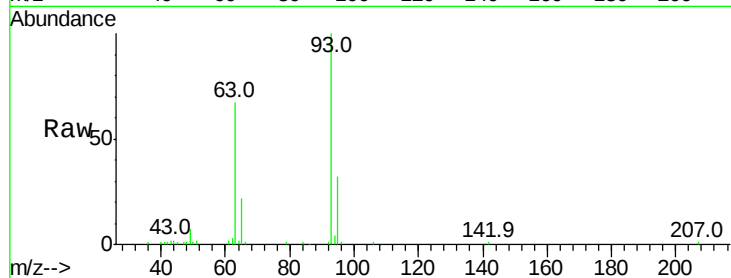




#11
bis(2-Chloroethyl)ether
Concen: 7.981 ng
RT: 7.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

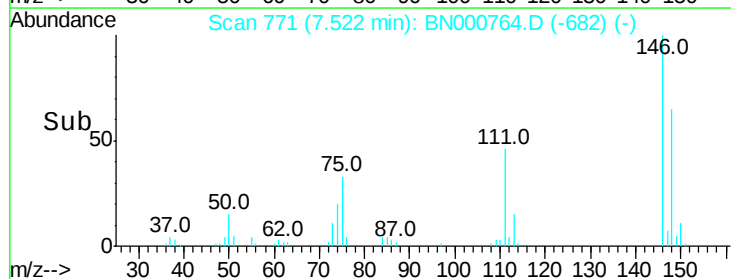
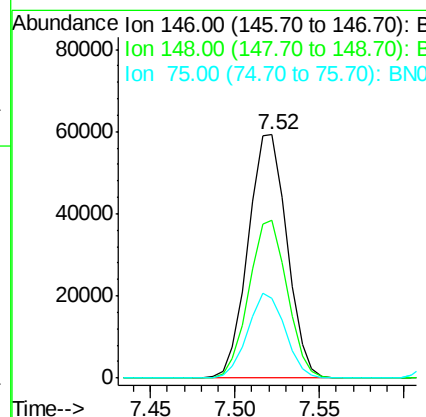
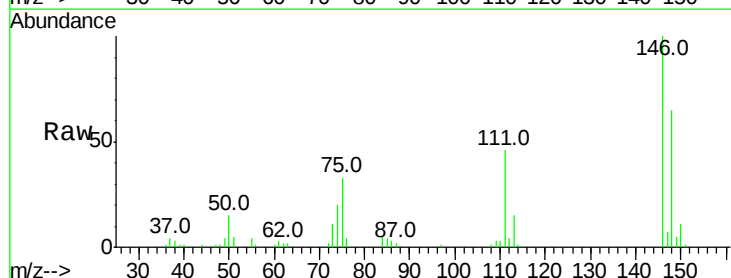
Instrument :
BNA_N
ClientSampleId :

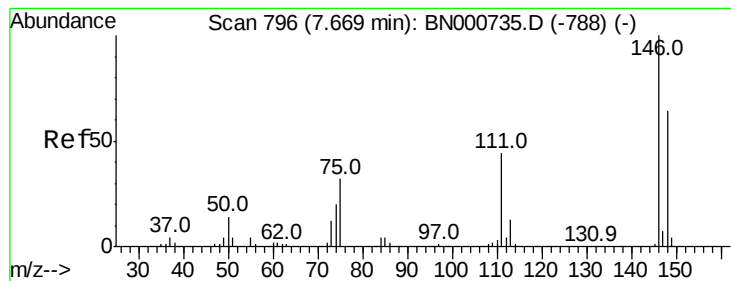
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.4	67.1	107.1
95	31.9	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 8.066 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
75	32.9	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 8.045 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

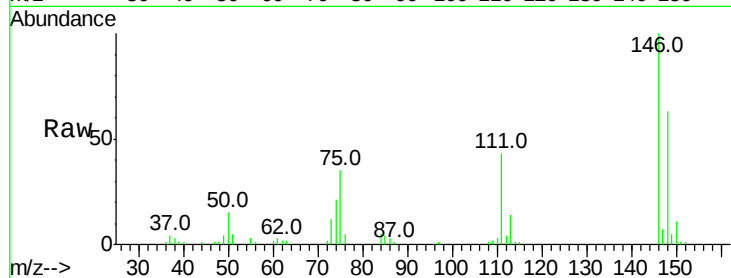
Tot Ion:146 Resp: 96287

Ion Ratio Lower Upper

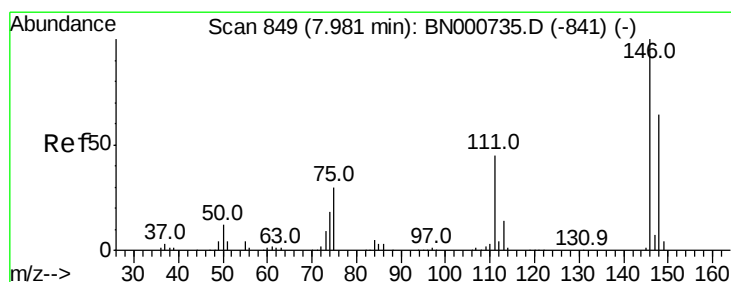
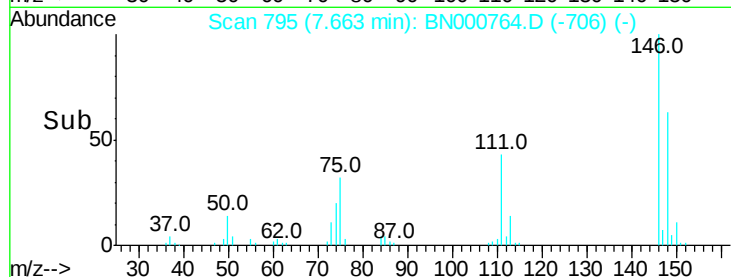
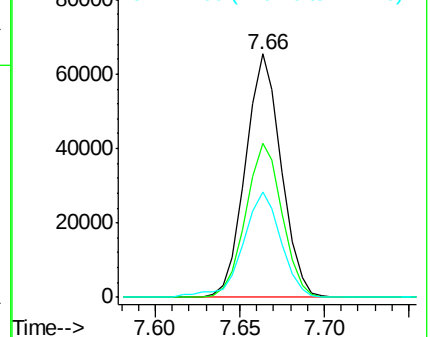
146 100

148 63.2 53.7 80.5

111 43.2 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 8.096 ng

RT: 7.98 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

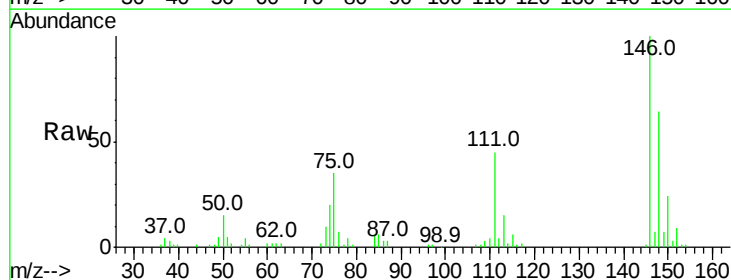
Tgt Ion:146 Resp: 92490

Ion Ratio Lower Upper

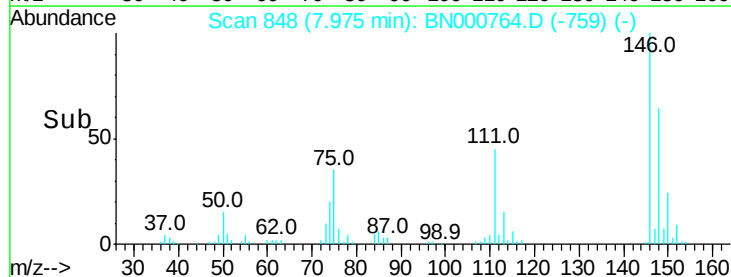
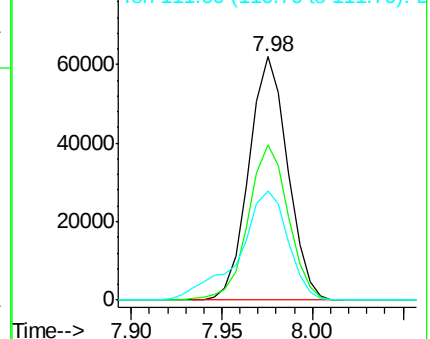
146 100

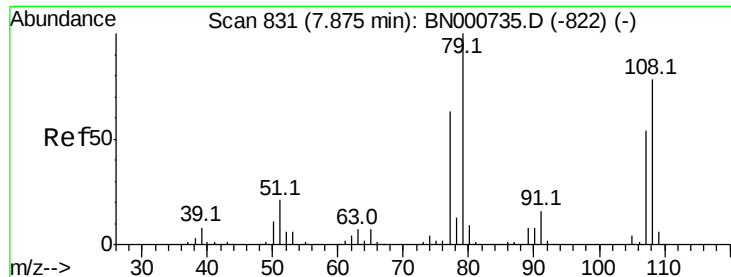
148 63.6 49.3 73.9

111 44.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 7.451 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :
BNA_N
ClientSampleId :

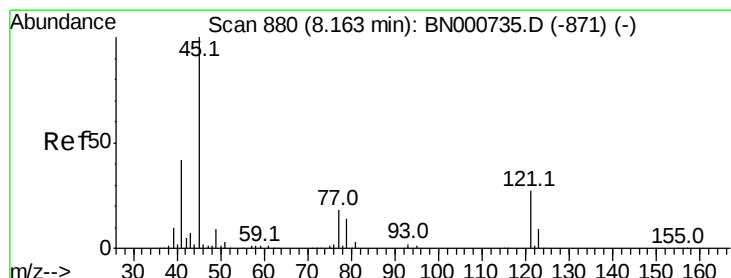
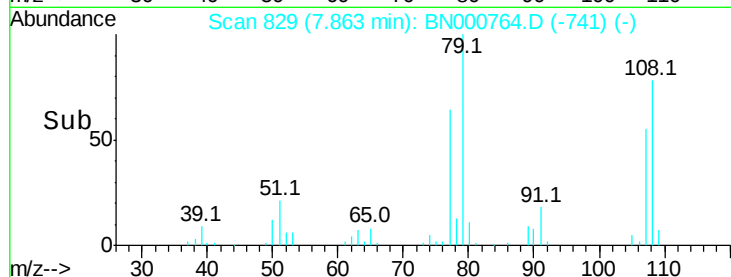
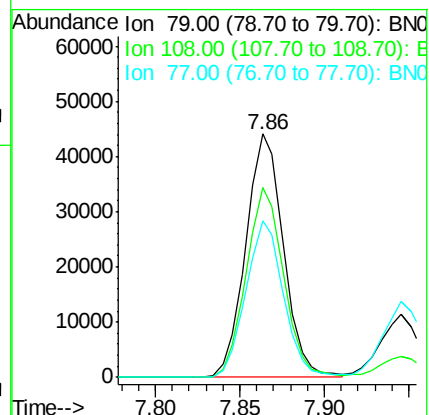
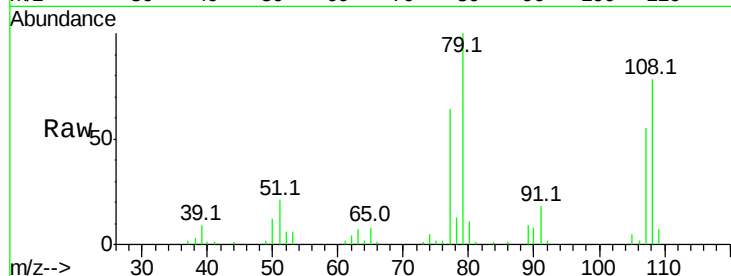
Tot Ion: 79 Resp: 68539

Ion Ratio Lower Upper

79 100

108 78.0 57.2 85.8

77 64.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.139 ng

RT: 8.16 min Scan# 879

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

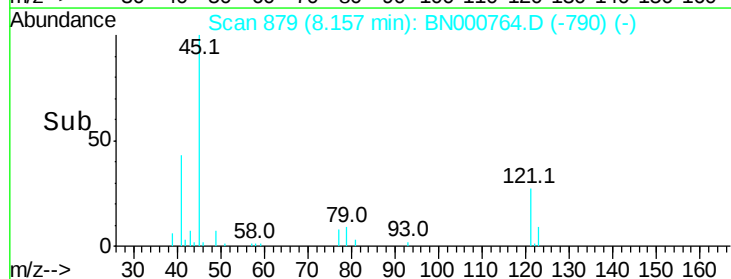
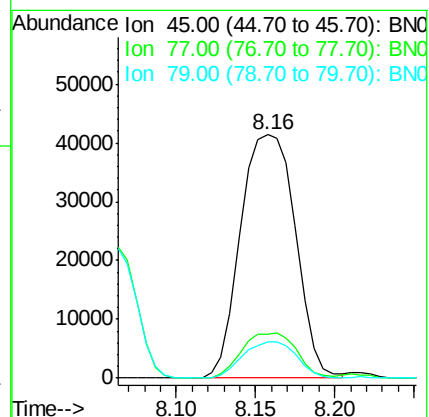
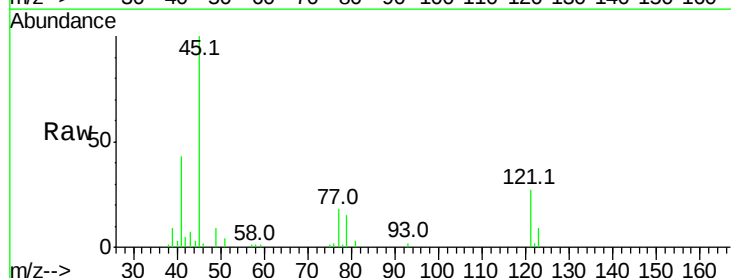
Tgt Ion: 45 Resp: 99698

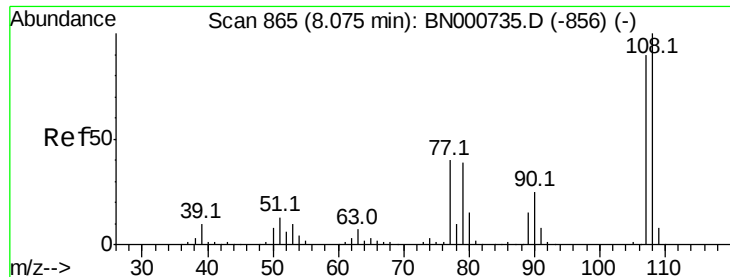
Ion Ratio Lower Upper

45 100

77 18.1 0.0 30.2

79 14.6 0.0 27.9

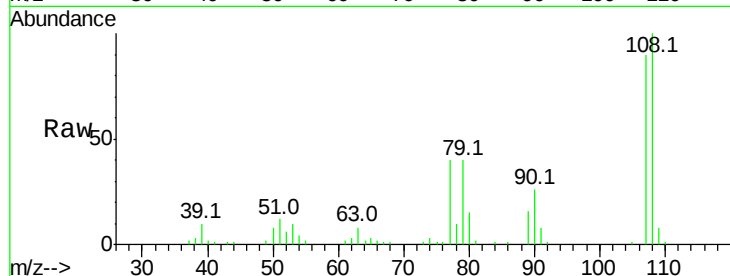




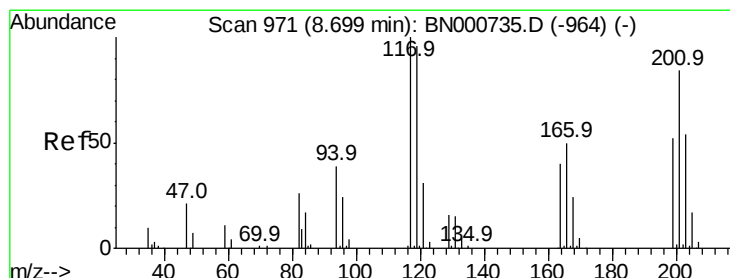
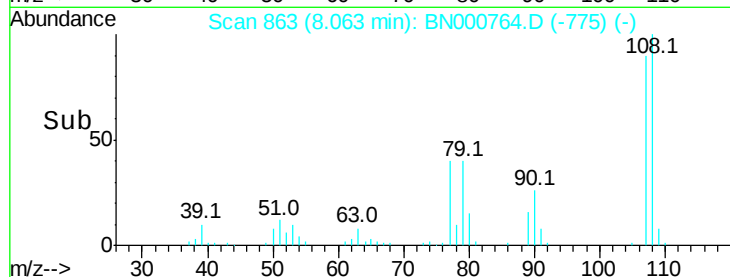
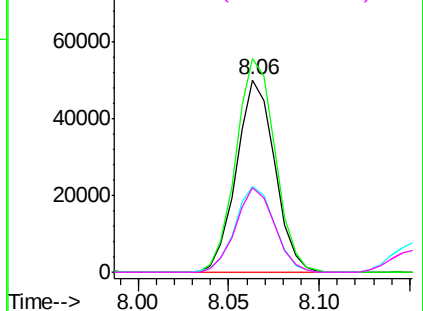
#17
 2-Methylphenol
 Concen: 7.755 ng
 RT: 8.06 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	107	Resp:	73492
Ion	Ratio	Lower	Upper
107	100		
108	111.2	83.9	125.9
77	44.6	37.2	55.8
79	44.1	36.2	54.2

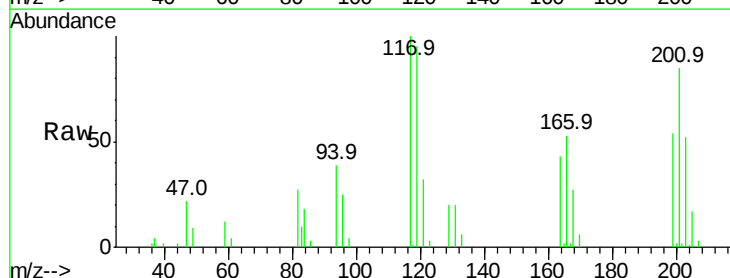


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BNC
 Ion 79.00 (78.70 to 79.70): BNC

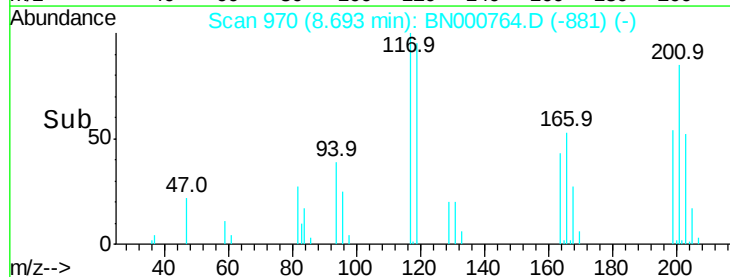
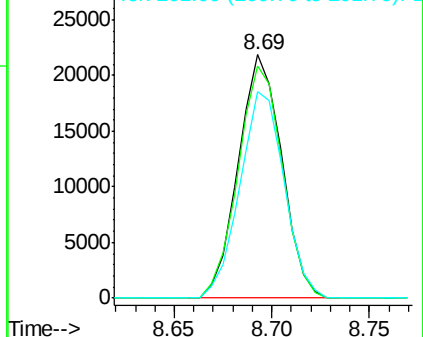


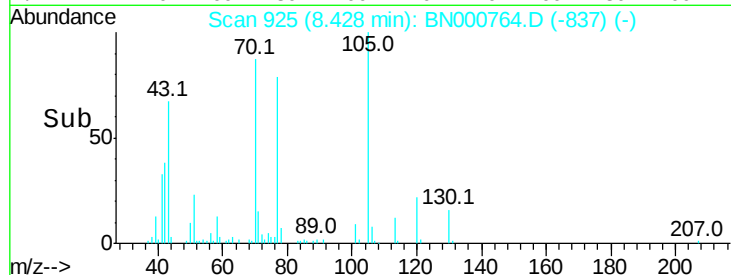
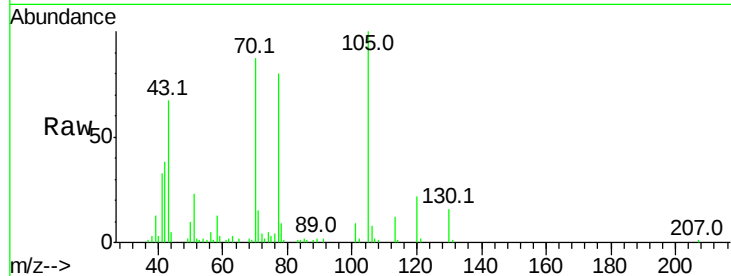
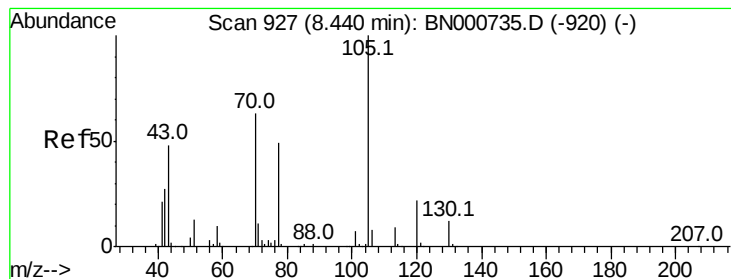
#18
 Hexachloroethane
 Concen: 7.630 ng
 RT: 8.69 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:	117	Resp:	33655
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.7	115.1
201	84.8	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: 7.952 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 66165

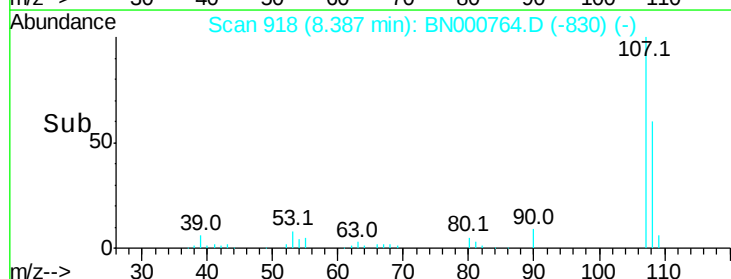
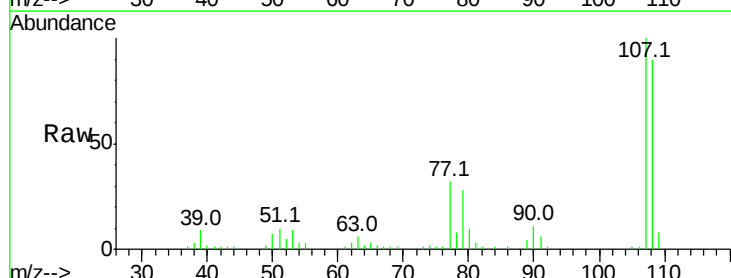
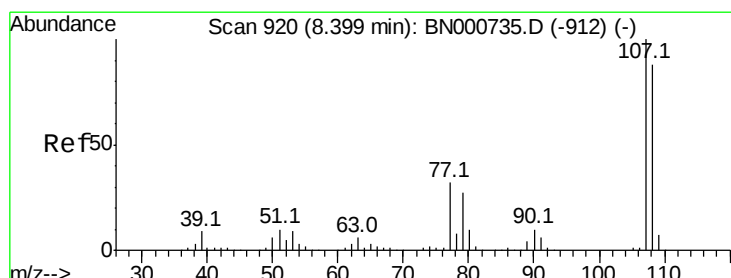
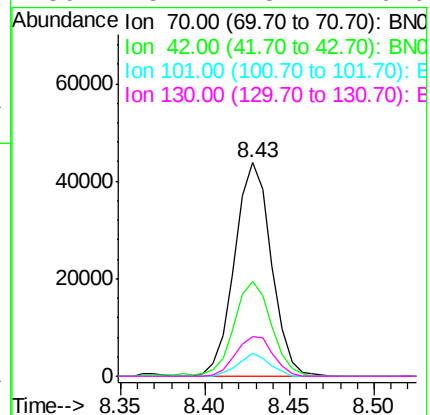
Ion Ratio Lower Upper

70 100

42 44.2 49.1 73.7#

101 10.6 8.5 12.7

130 18.4 13.4 20.0



#20

3+4-Methylphenols

Concen: 7.837 ng

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Tgt Ion:107 Resp: 102070

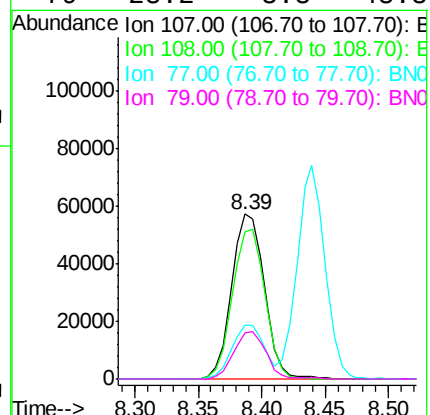
Ion Ratio Lower Upper

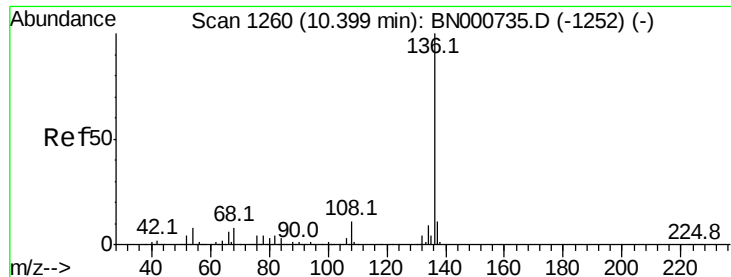
107 100

108 89.6 61.6 101.6

77 32.4 13.9 53.9

79 28.2 8.8 48.8

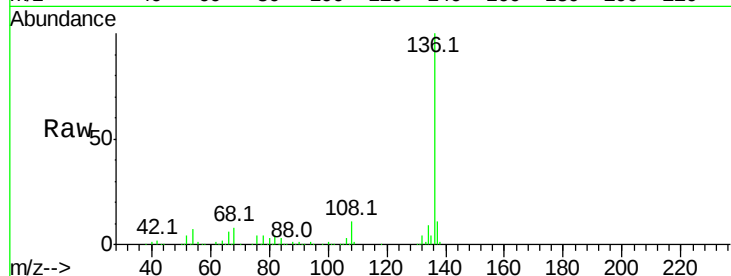




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp: 648410
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 7.5	10.3 15.5#
68 7.7	4.5 6.7#



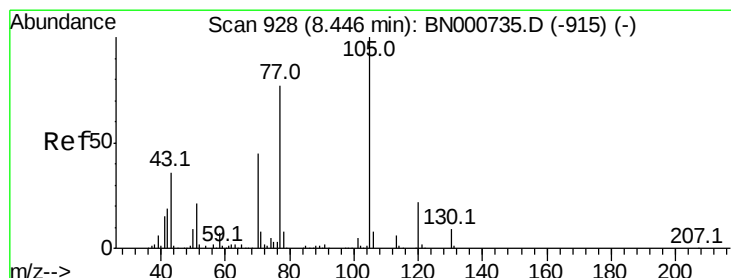
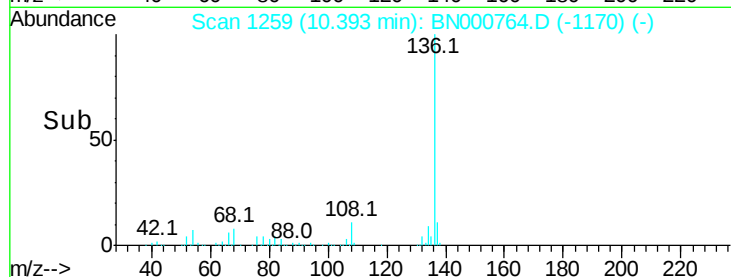
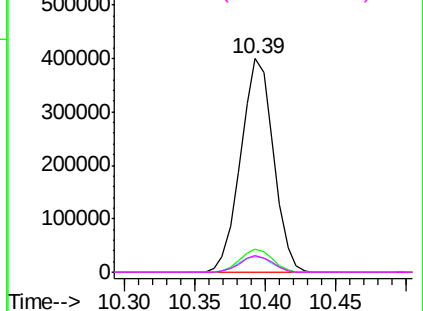
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

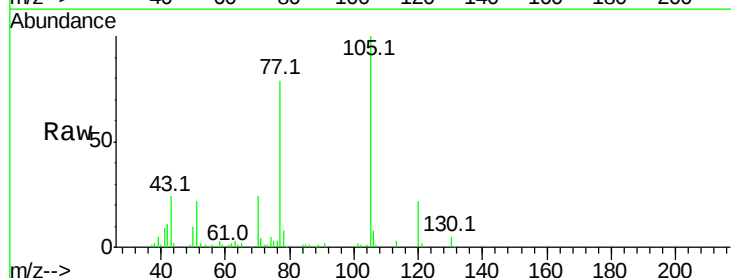
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22
Acetophenone
Concen: 7.863 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt	Ion:105	Resp:	146104
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.0	4.4
51	21.7	26.1	39.1#
120	22.3	17.4	26.2



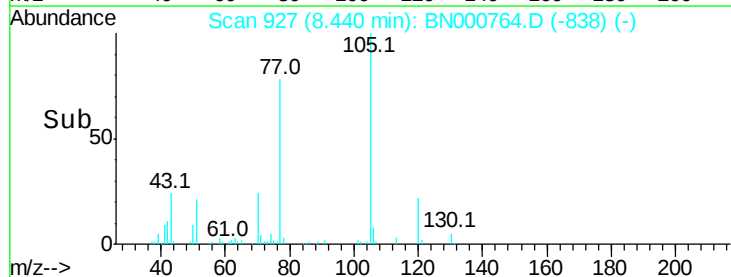
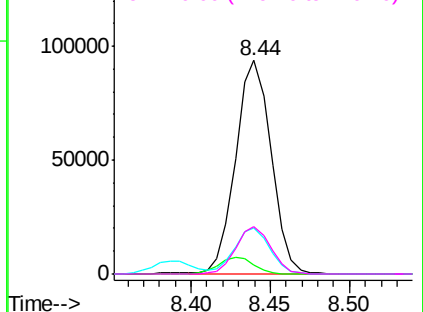
Abundance

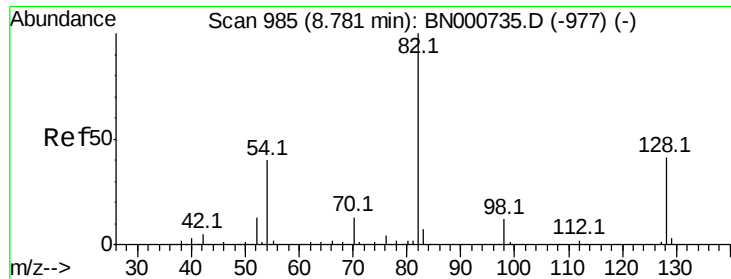
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

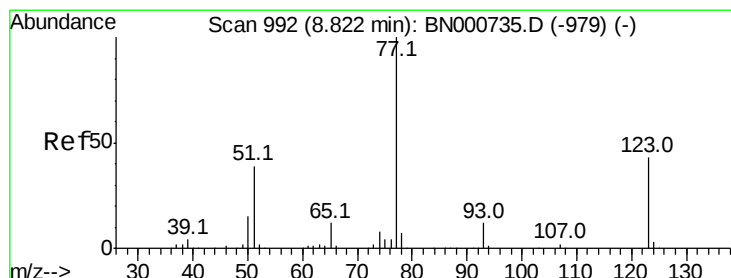
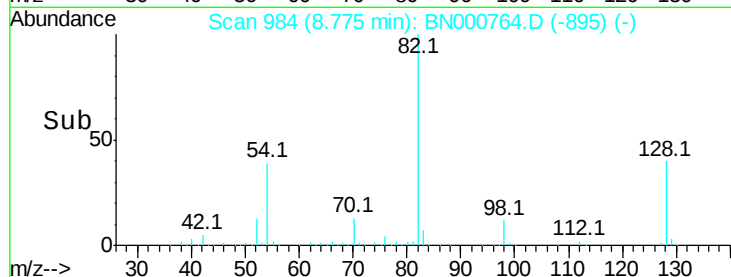
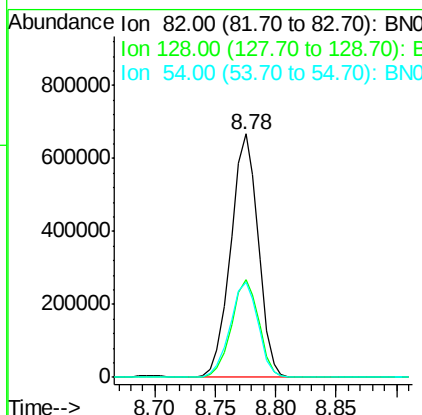
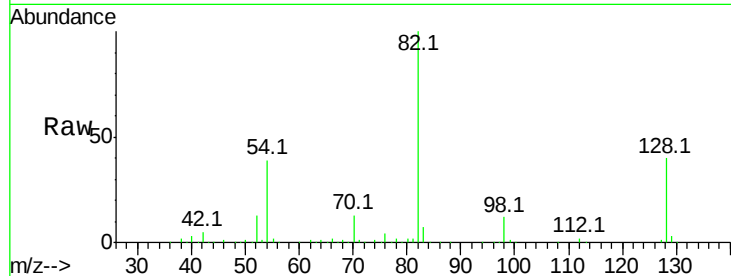




#23
 Nitrobenzene-d5
 Concen: 85.030 ng
 RT: 8.78 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

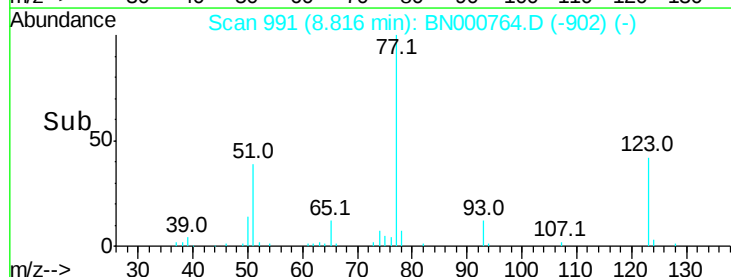
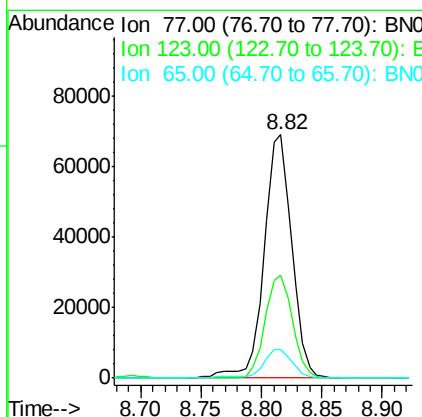
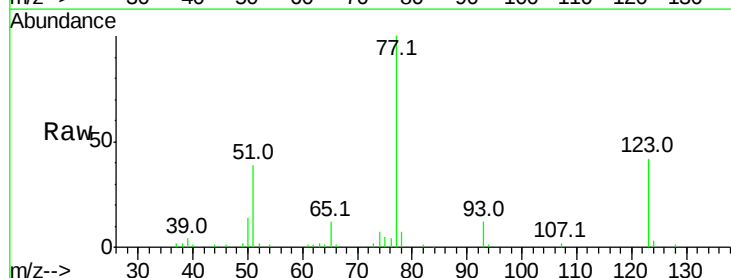
Instrument :
 BNA_N
 ClientSampled :

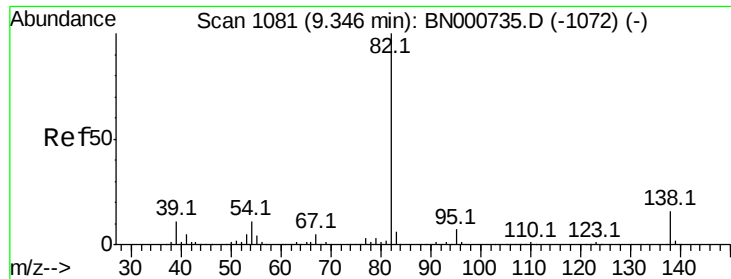
Tot Ion: 82 Resp: 1057628
 Ion Ratio Lower Upper
 82 100
 128 40.4 29.7 44.5
 54 39.3 43.1 64.7#



#24
 Nitrobenzene
 Concen: 8.175 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion: 77 Resp: 109028
 Ion Ratio Lower Upper
 77 100
 123 42.0 33.0 49.6
 65 11.6 13.0 19.6#





#25

Isophorone

Concen: 7.397 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampled :

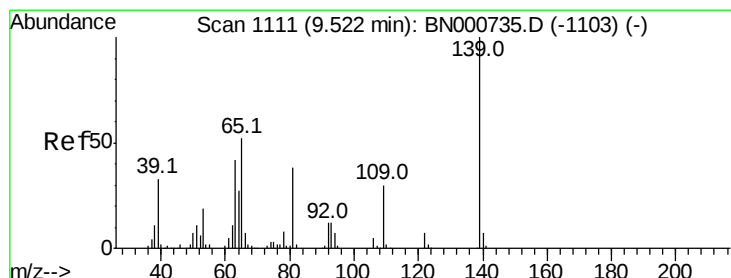
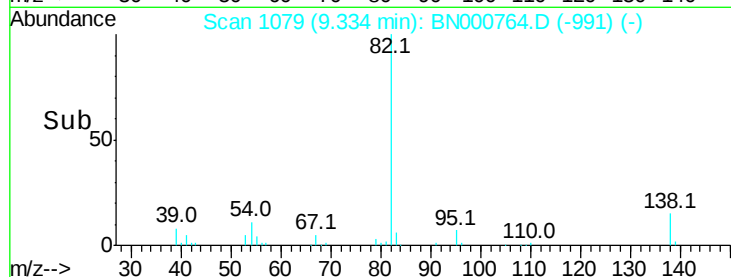
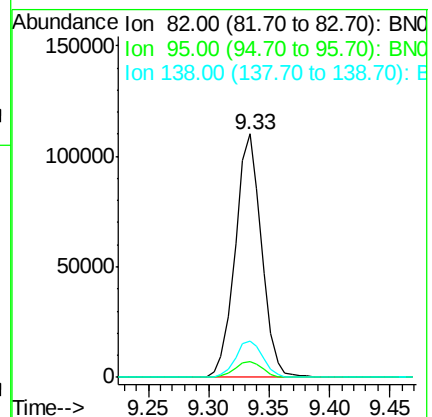
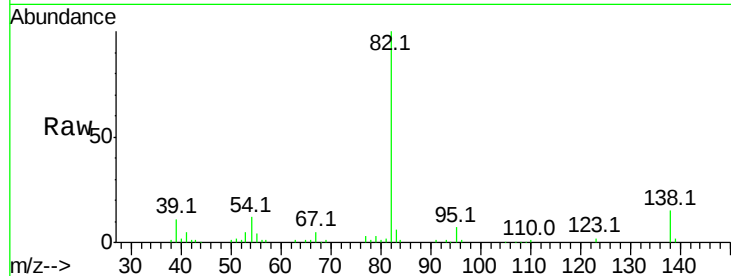
Tot Ion: 82 Resp: 166711

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 15.1 12.1 18.1



#26

2-Nitrophenol

Concen: 6.845 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

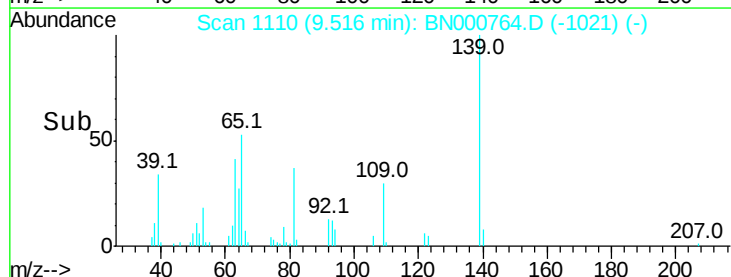
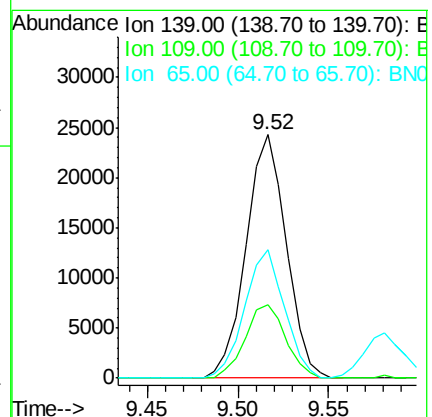
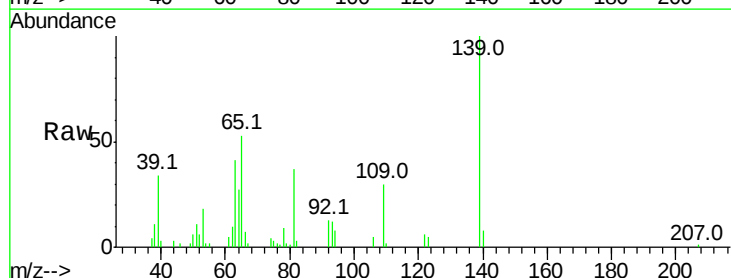
Tgt Ion: 139 Resp: 37401

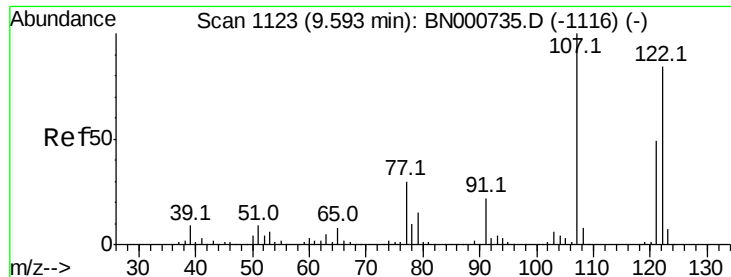
Ion Ratio Lower Upper

139 100

109 30.2 24.2 36.2

65 52.8 47.4 71.0

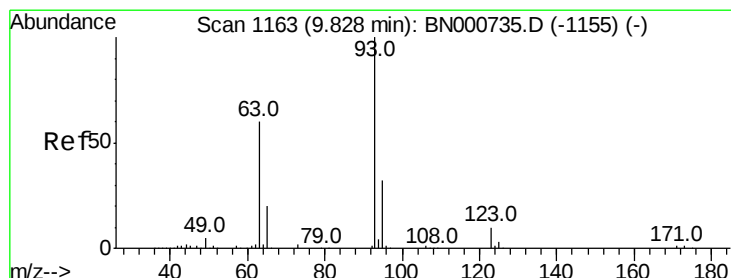
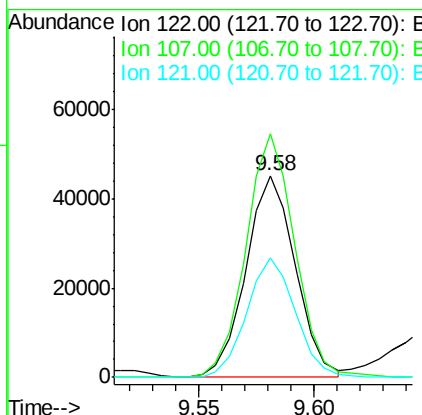
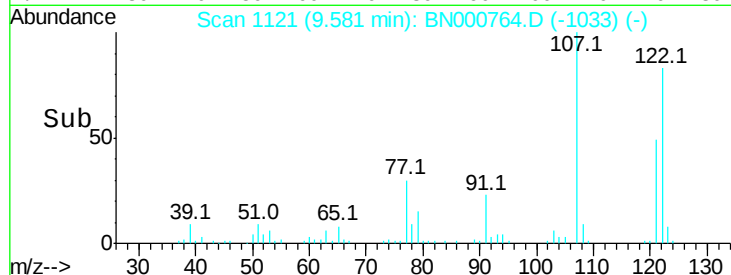
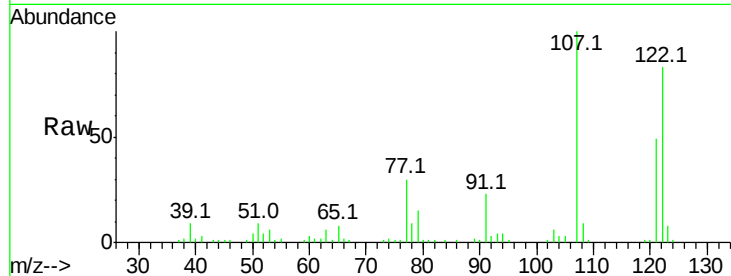




#27
 2,4-Dimethylphenol
 Concen: 7.547 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

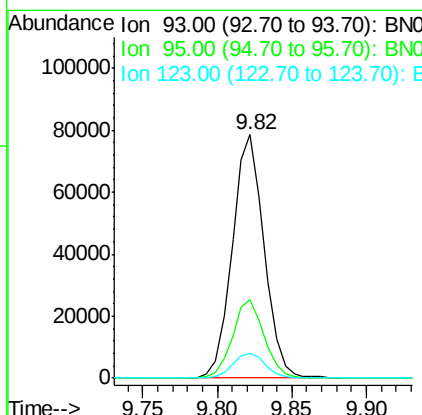
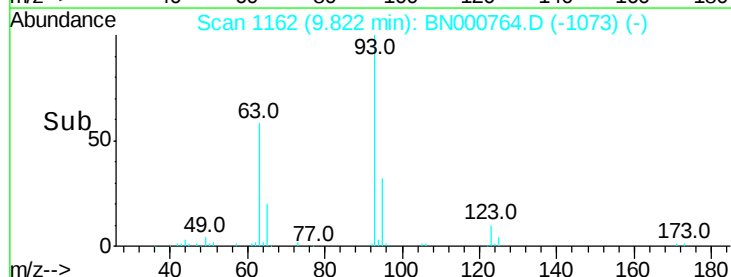
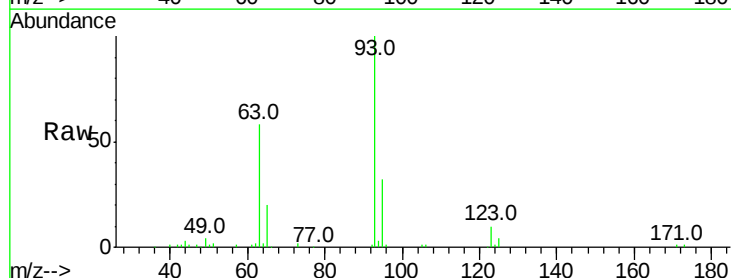
Instrument :
 BNA_N
 ClientSampleId :

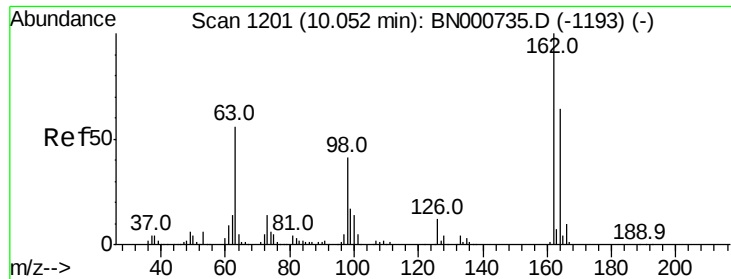
Tot Ion:	122	Resp:	67320
Ion	Ratio	Lower	Upper
122	100		
107	120.9	100.2	150.2
121	59.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.929 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:	93	Resp:	116500
Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	10.2	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 7.478 ng

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

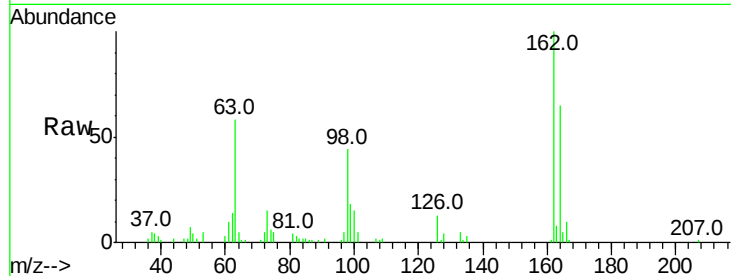
Tot Ion:162 Resp: 65683

Ion Ratio Lower Upper

162 100

164 65.0 48.0 88.0

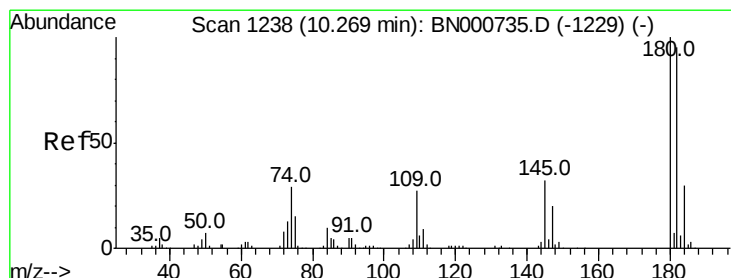
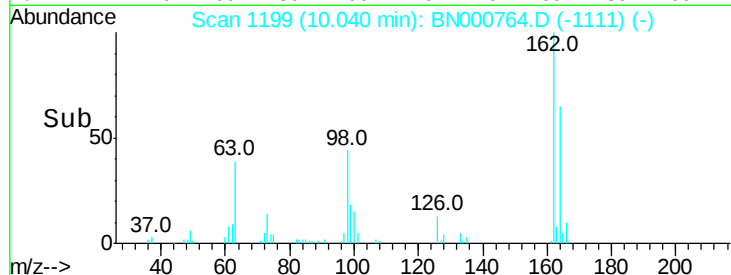
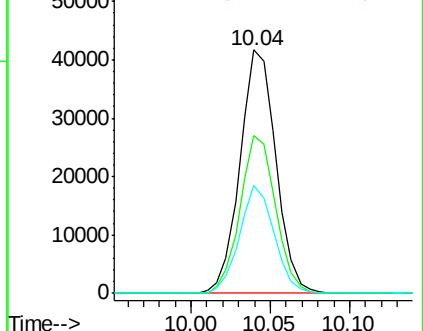
98 44.3 21.1 61.1



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: 8.069 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

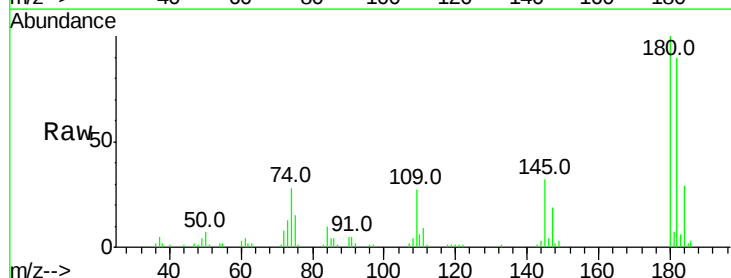
Tgt Ion:180 Resp: 85429

Ion Ratio Lower Upper

180 100

182 89.8 77.5 116.3

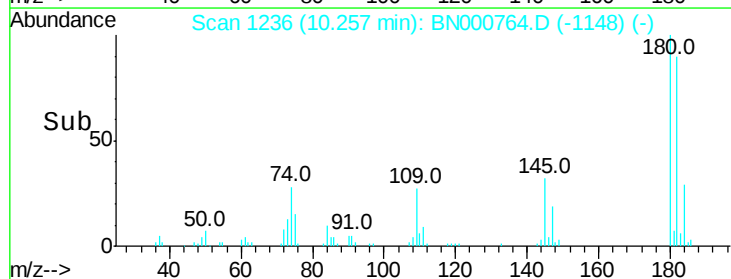
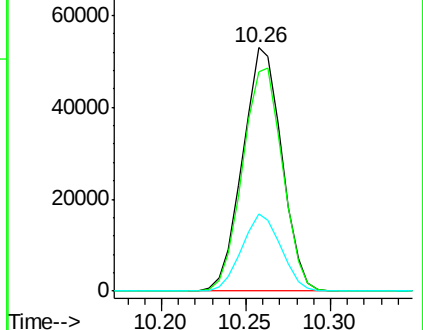
145 31.8 23.4 35.2

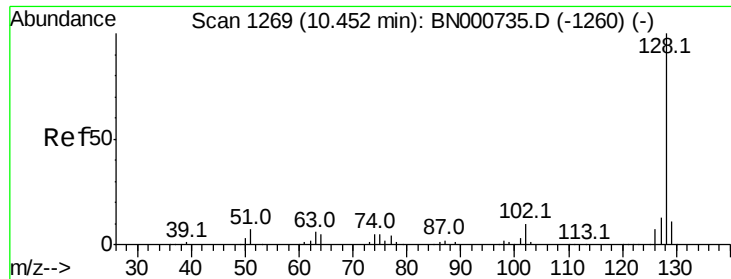


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

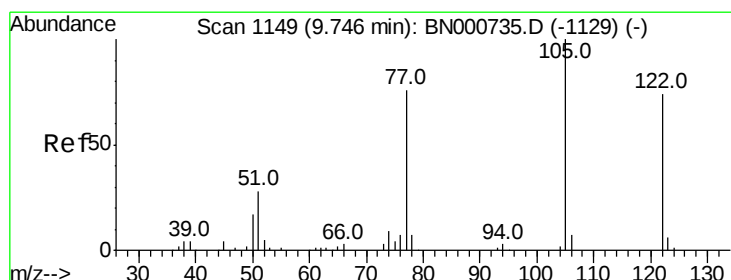
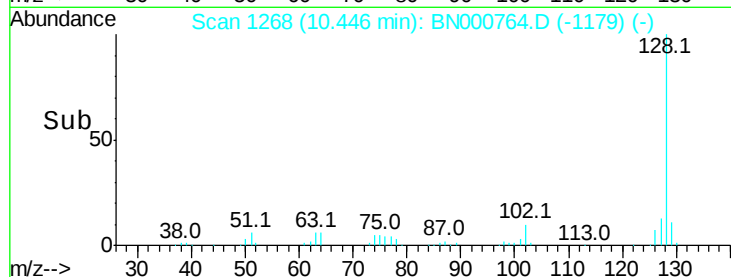
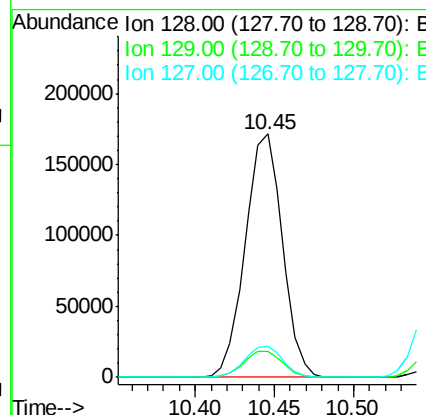
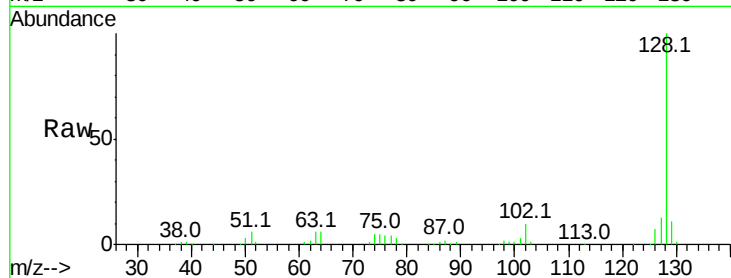




#31
Naphthalene
Concen: 8.020 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

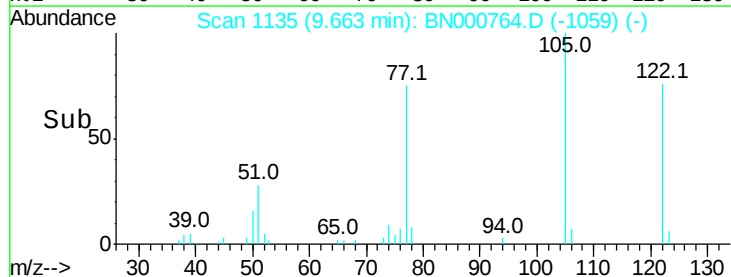
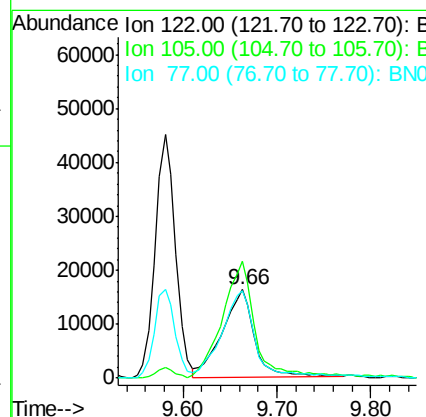
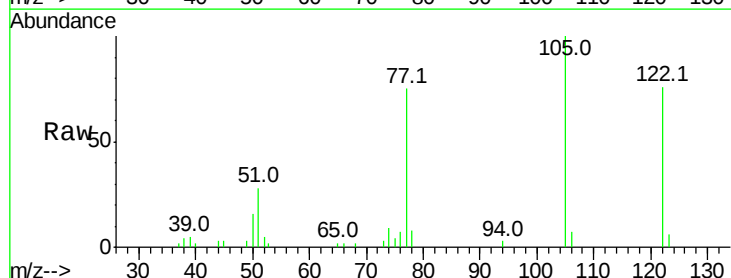
Instrument :
BNA_N
ClientSampled :

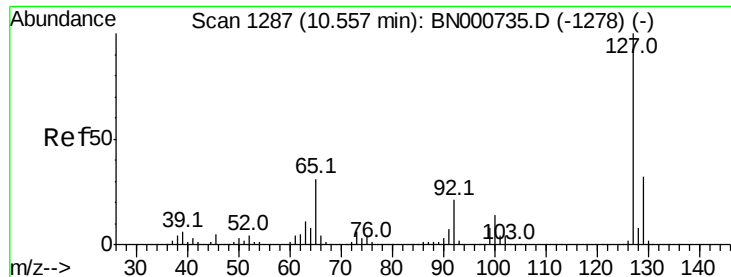
Tot Ion:128 Resp: 279570
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 11.6 17.4



#32
Benzoic acid
Concen: 8.733 ng
RT: 9.66 min Scan# 1135
Delta R.T. -0.08 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:122 Resp: 38164
Ion Ratio Lower Upper
122 100
105 131.7 123.5 163.5
77 98.5 85.7 125.7

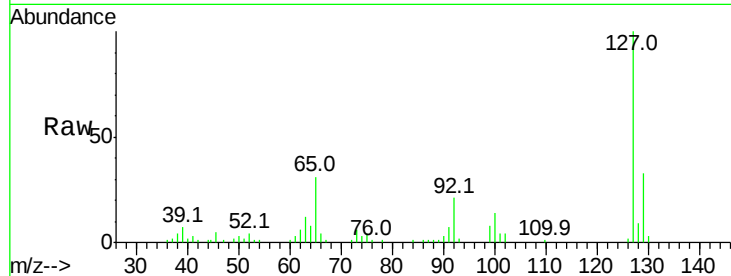




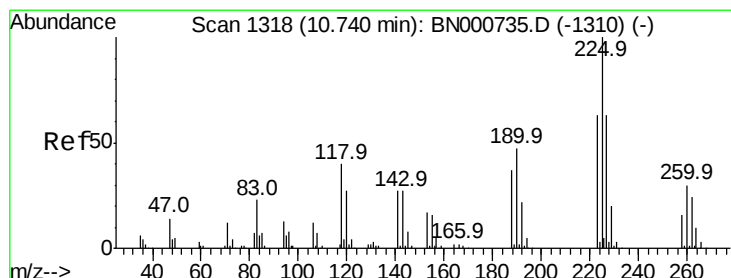
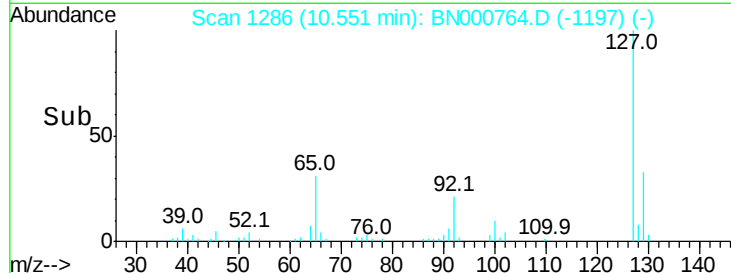
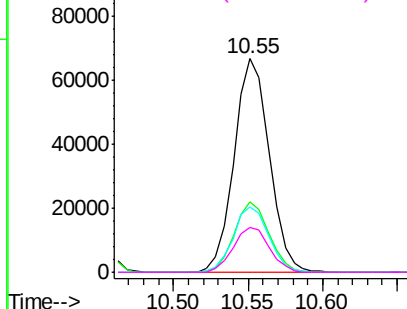
#33
4-Chloroaniline
Concen: 7.670 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 109184
Ion Ratio Lower Upper
127 100
129 32.7 24.0 36.0
65 30.5 27.0 40.4
92 21.0 16.6 25.0

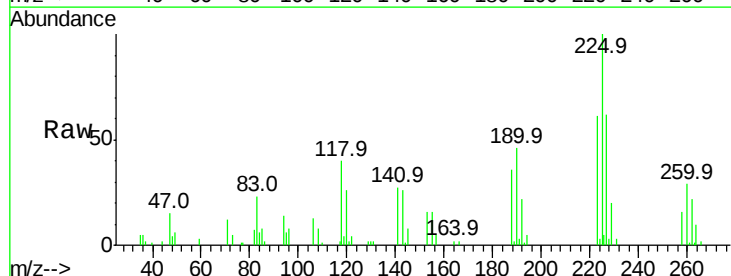


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

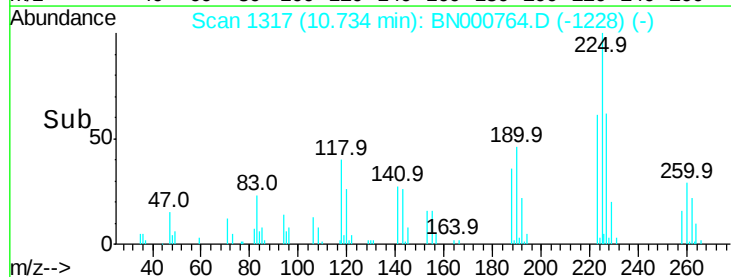
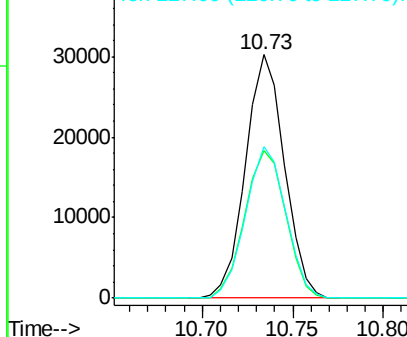


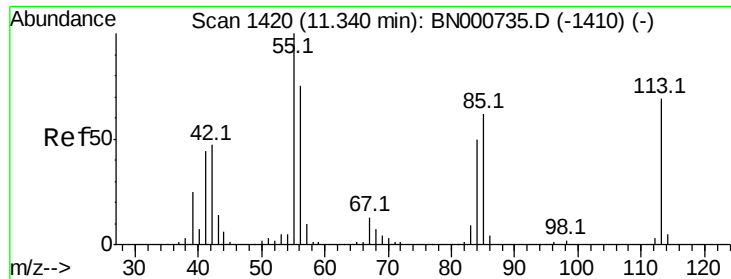
#34
Hexachlorobutadiene
Concen: 7.864 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:225 Resp: 45220
Ion Ratio Lower Upper
225 100
223 60.8 49.7 74.5
227 62.3 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: 6.305 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.04 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

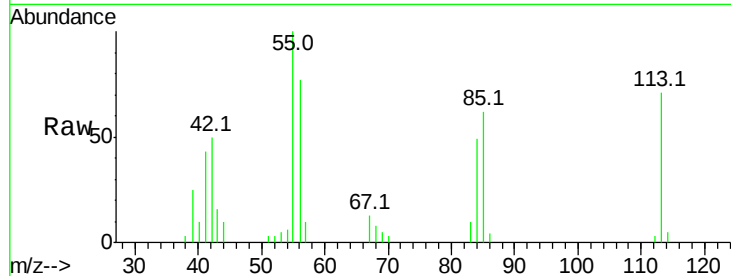
Tot Ion:113 Resp: 19162

Ion Ratio Lower Upper

113 100

55 140.9 120.0 160.0

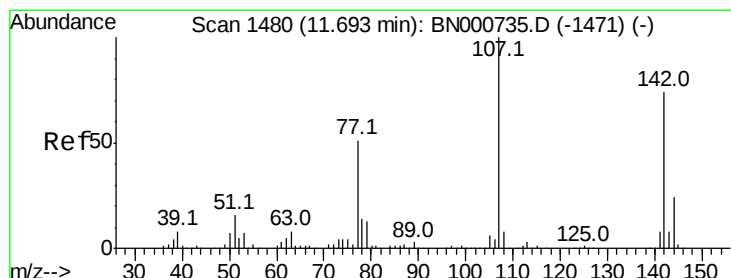
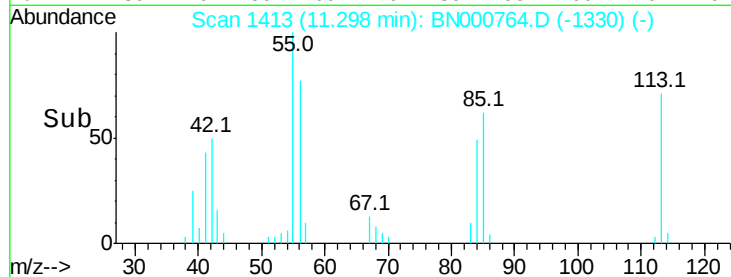
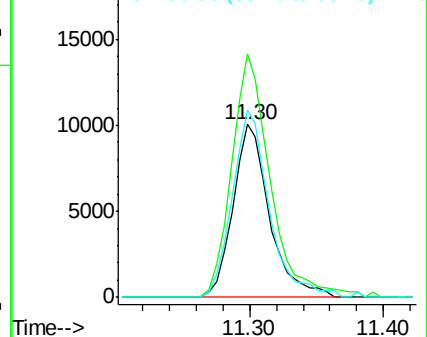
56 108.5 90.0 130.0



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: 7.577 ng

RT: 11.68 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

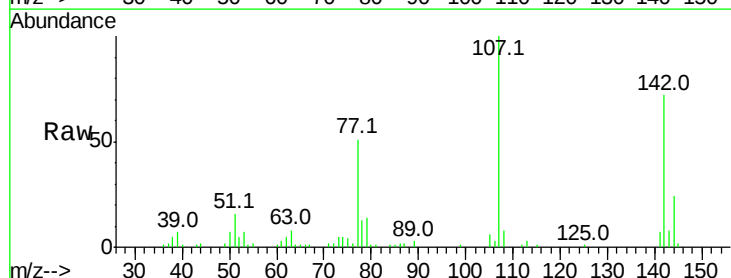
Tgt Ion:107 Resp: 78580

Ion Ratio Lower Upper

107 100

144 24.0 18.2 27.4

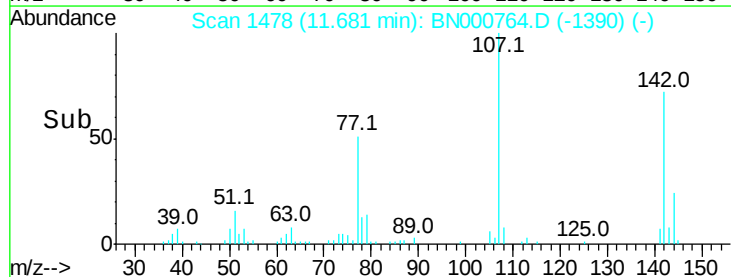
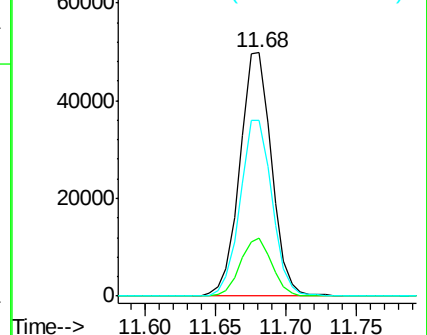
142 72.2 59.0 88.4

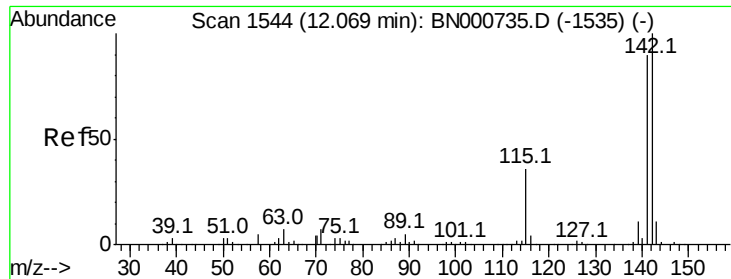


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

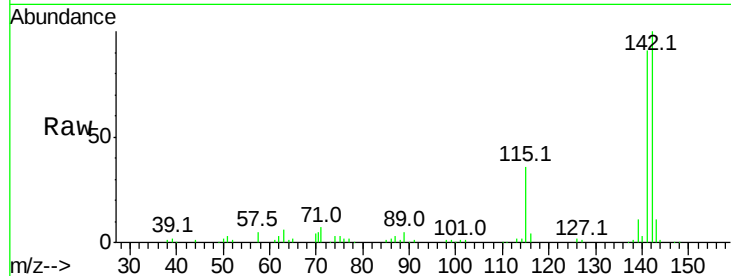




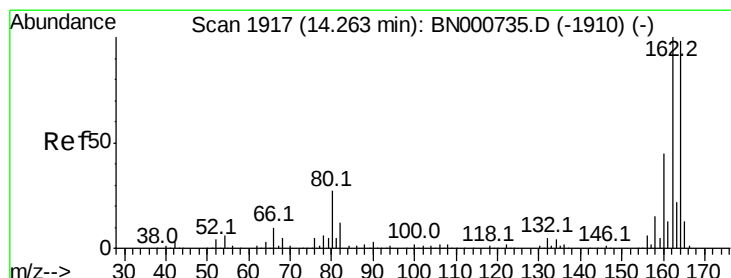
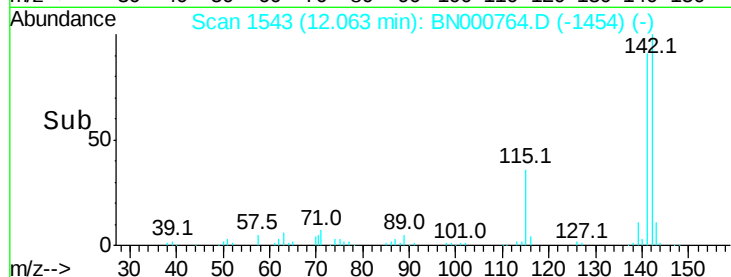
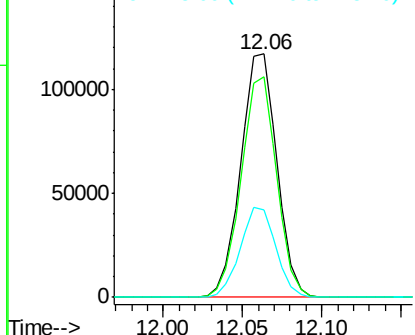
#37
 2-Methylnaphthalene
 Concen: 8.134 ng
 RT: 12.06 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 185744
 Ion Ratio Lower Upper
 142 100
 141 90.6 67.1 100.7
 115 36.0 30.7 46.1

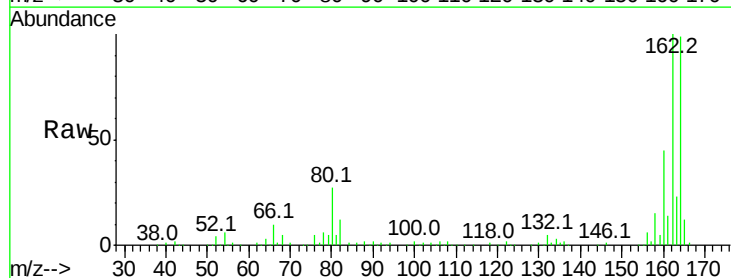


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

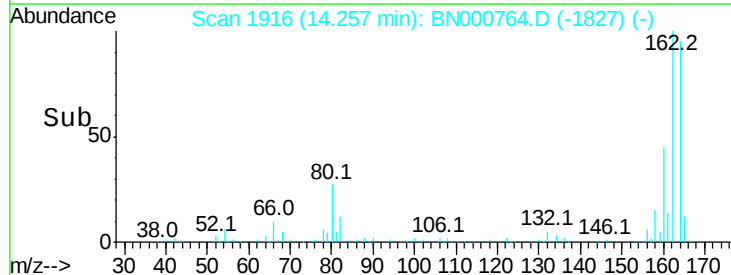
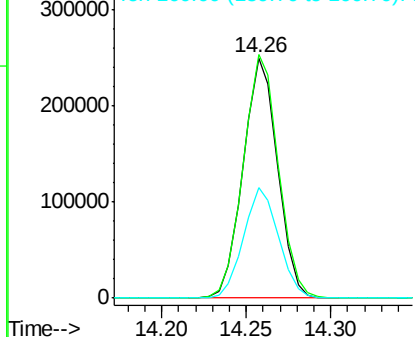


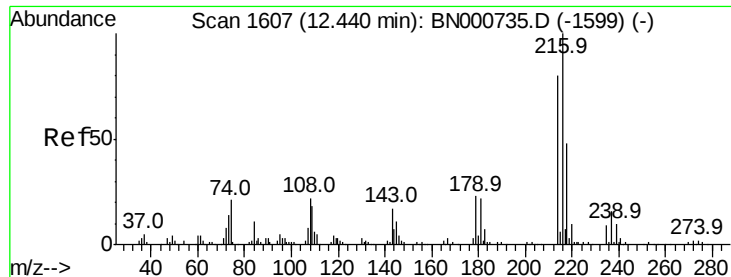
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:164 Resp: 354602
 Ion Ratio Lower Upper
 164 100
 162 101.4 78.8 118.2
 160 45.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

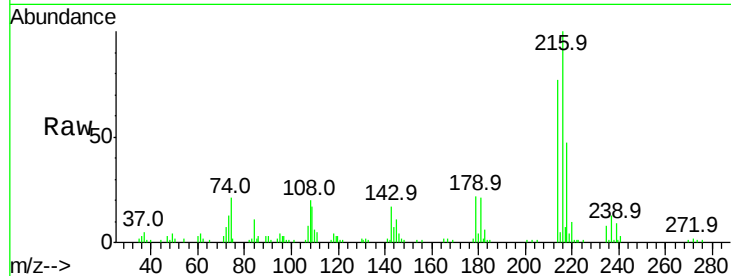




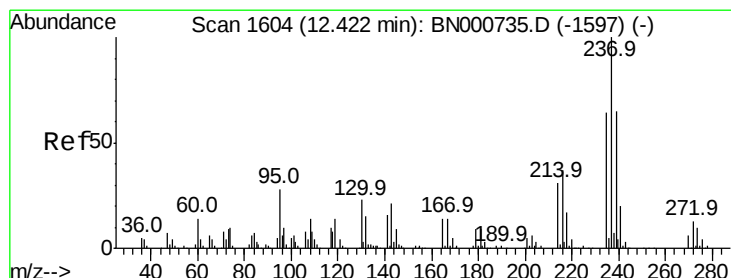
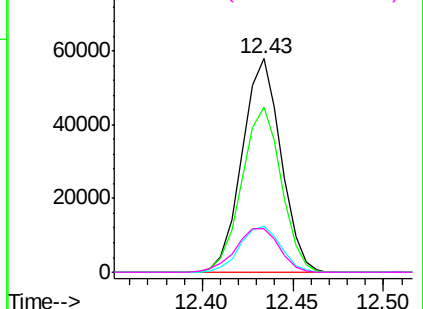
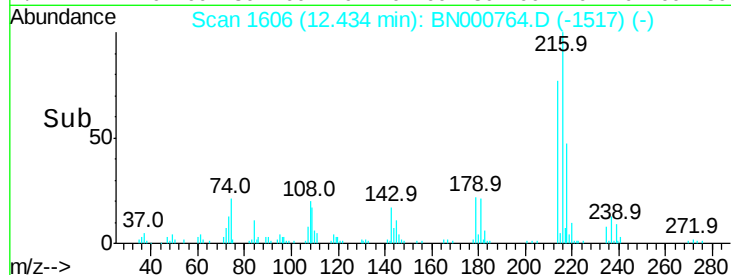
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.839 ng
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	86206
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	22.7	17.0	25.6
108	23.1	12.8	19.2#

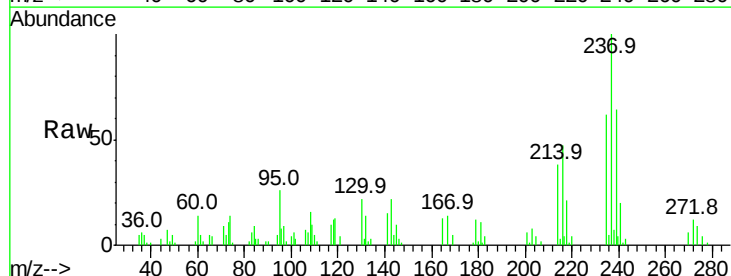


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

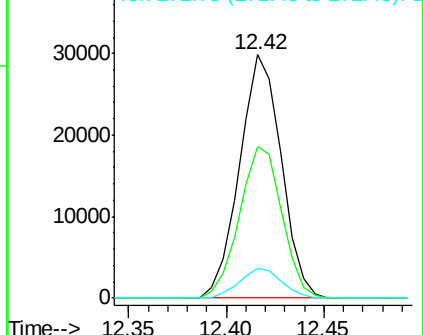
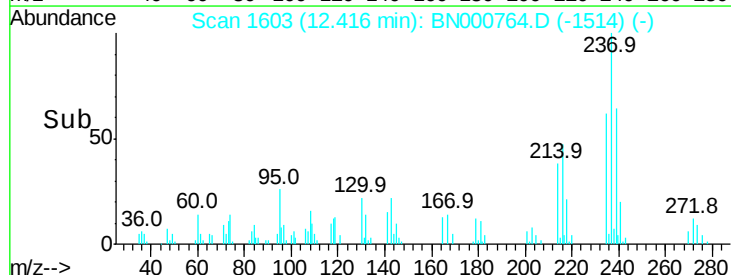


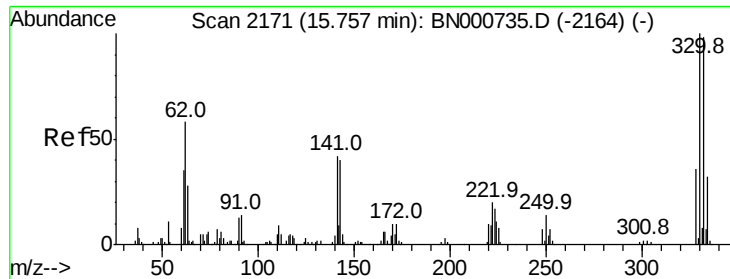
#40
 Hexachlorocyclopentadiene
 Concen: 6.850 ng
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:	237	Resp:	44177
Ion	Ratio	Lower	Upper
237	100		
235	62.2	50.4	90.4
272	12.3	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

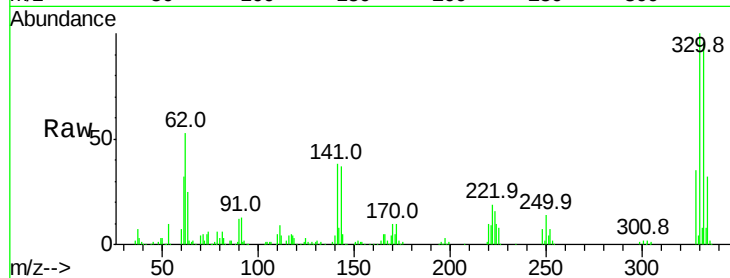




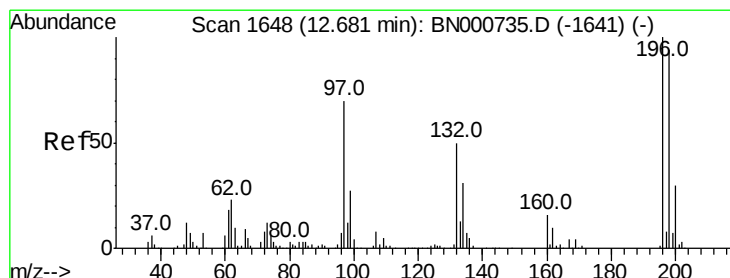
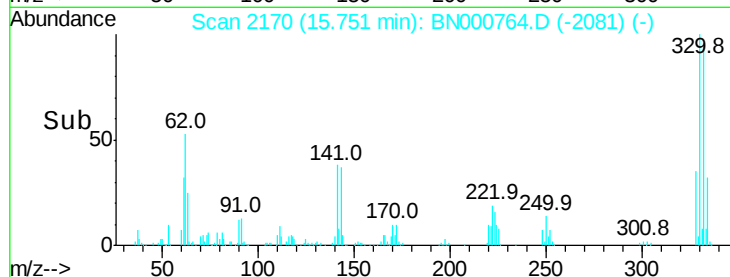
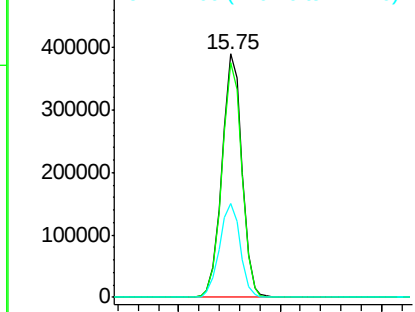
#41
 2,4,6-Tribromophenol
 Concen: 149.384 ng
 RT: 15.75 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 533272
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 40.0 25.2 37.8#

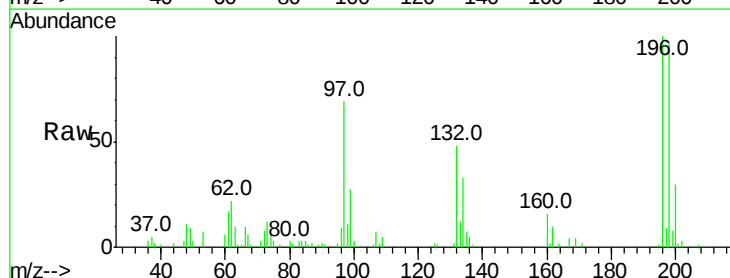


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

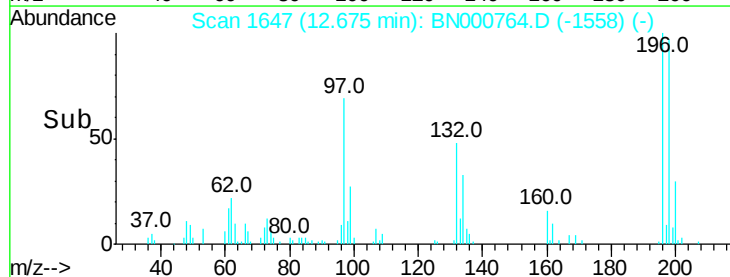
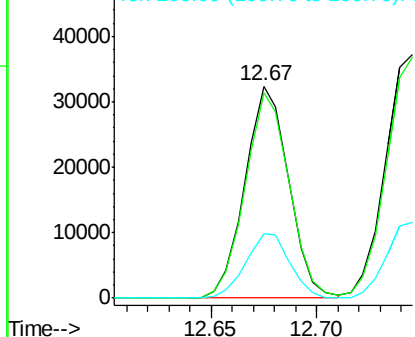


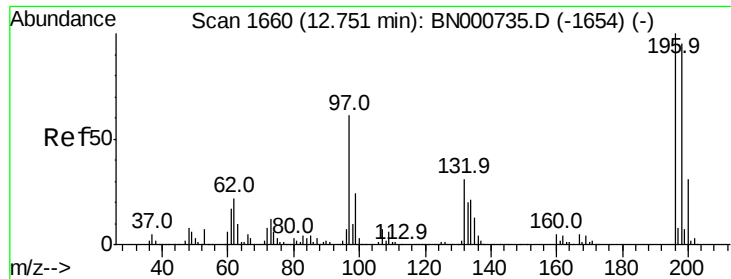
#42
 2,4,6-Trichlorophenol
 Concen: 6.994 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:196 Resp: 46649
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.2 117.2
 200 30.3 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

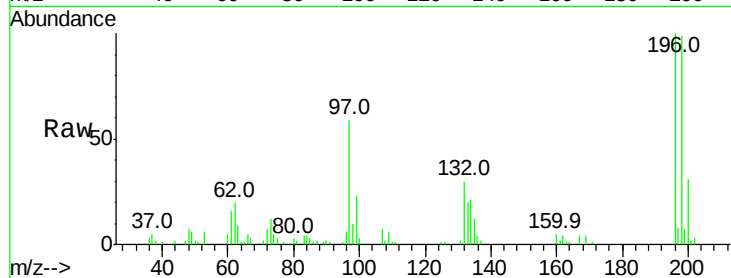




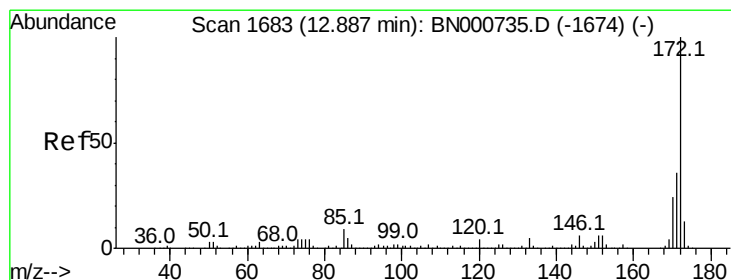
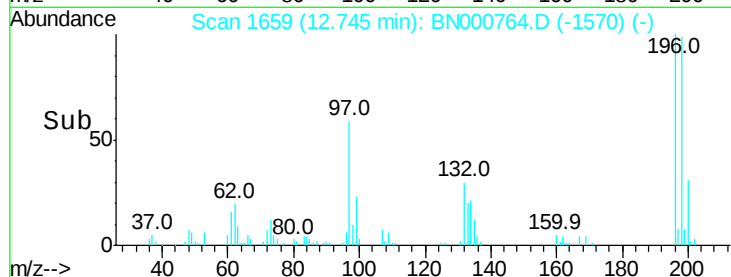
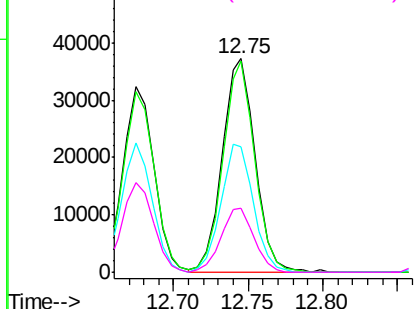
#43
 2,4,5-Trichlorophenol
 Concen: 7.468 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 57530
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.2 114.4
 97 58.8 38.7 58.1#
 132 30.2 20.2 30.2

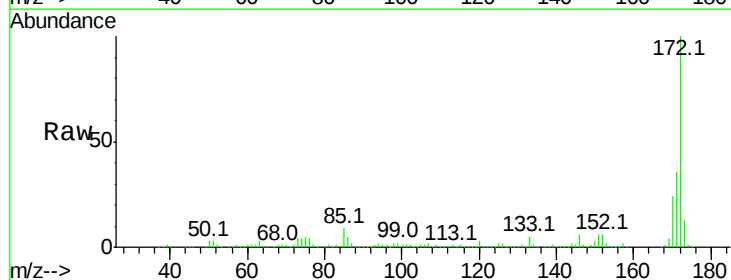


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

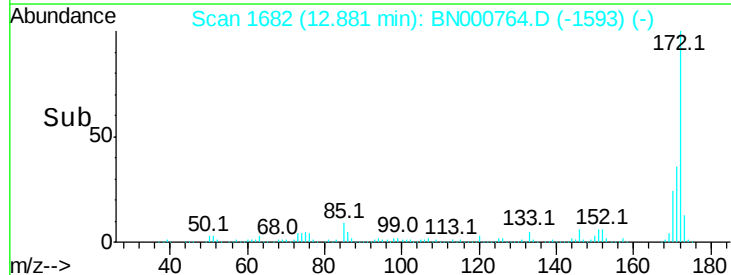
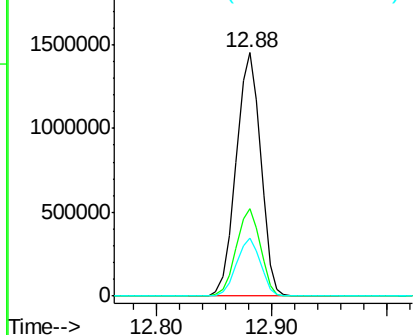


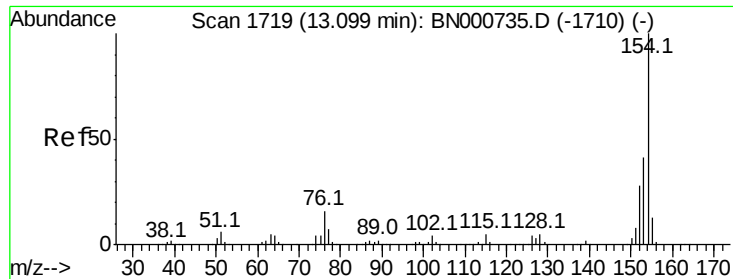
#44
 2-Fluorobiphenyl
 Concen: 83.019 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:172 Resp: 2132534
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.8 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

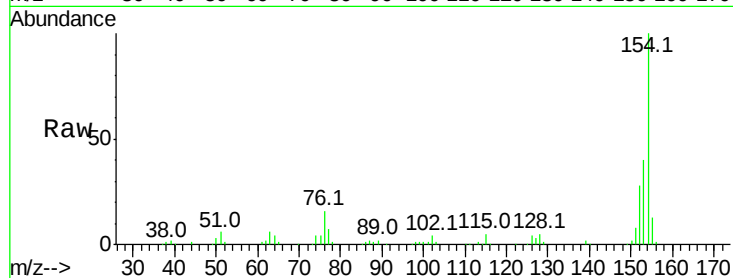




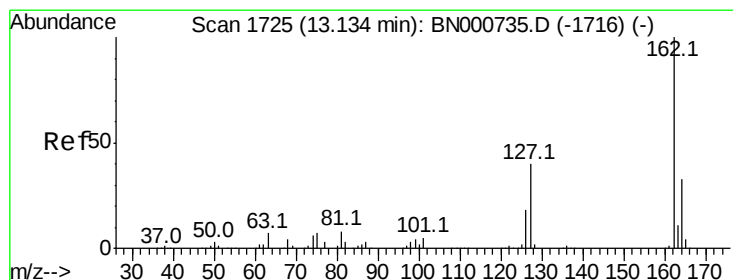
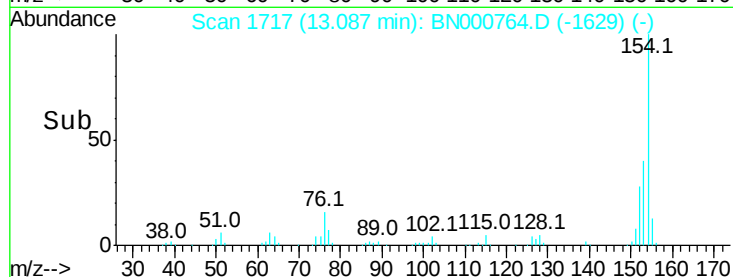
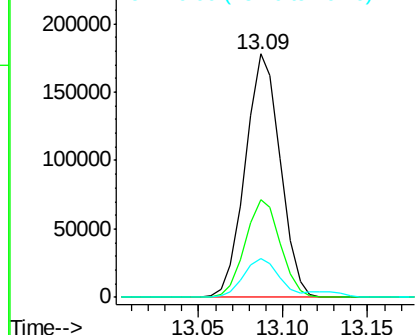
#45
1,1'-Biphenyl
Concen: 8.080 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:154 Resp: 256453
Ion Ratio Lower Upper
154 100
153 39.9 19.8 59.8
76 16.0 0.0 31.9

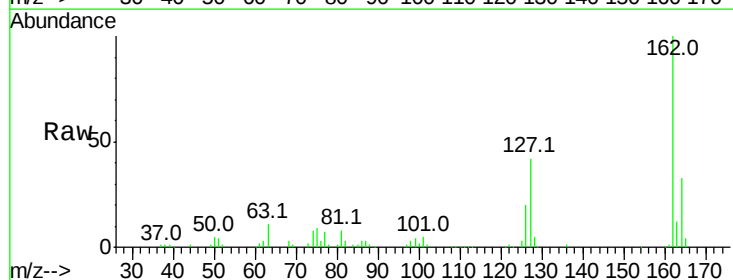


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC

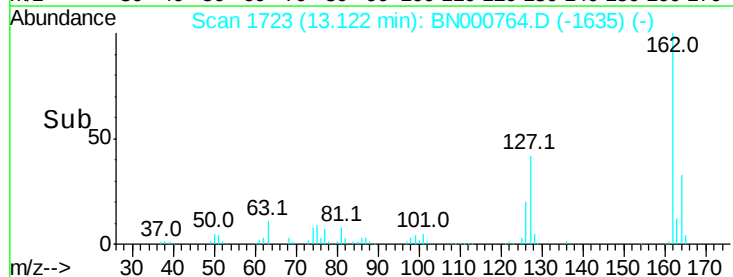
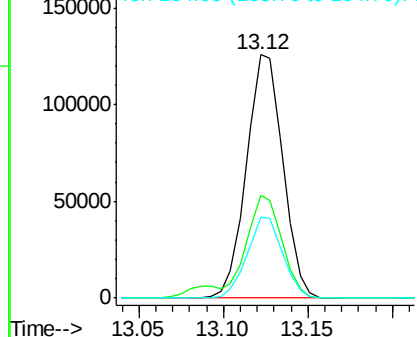


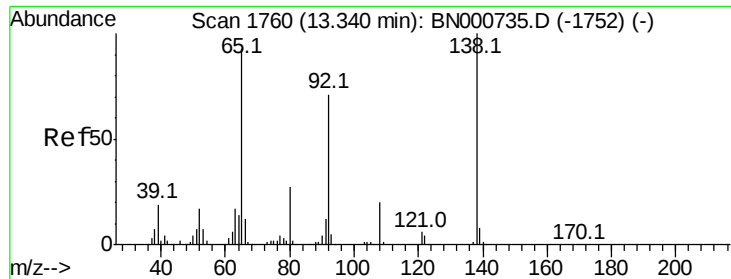
#46
2-Chloronaphthalene
Concen: 7.923 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:162 Resp: 188543
Ion Ratio Lower Upper
162 100
127 42.2 30.7 46.1
164 33.2 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 6.439 ng

RT: 13.33 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

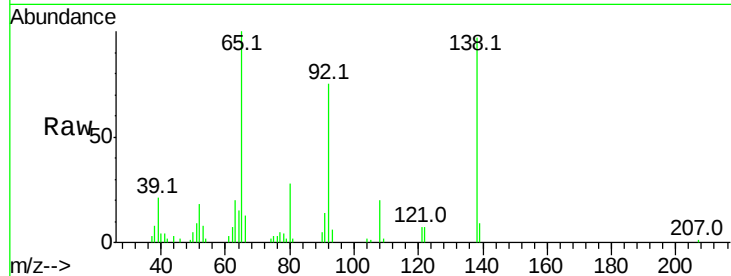
Tot Ion: 65 Resp: 44454

Ion Ratio Lower Upper

65 100

92 74.7 54.6 82.0

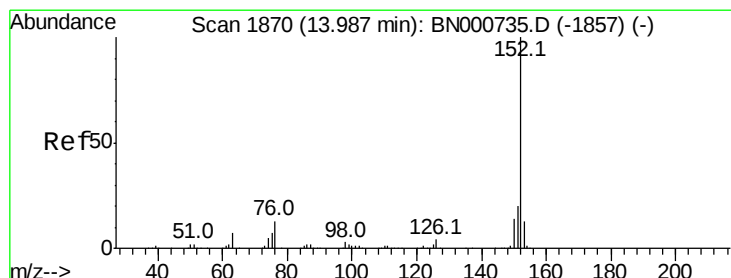
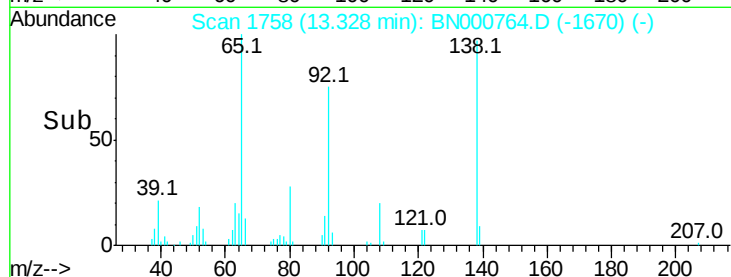
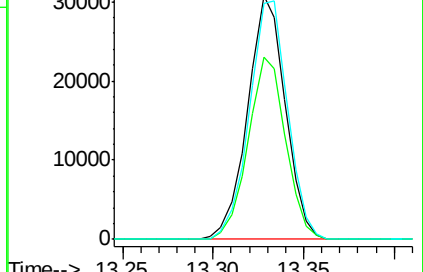
138 97.1 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN000735.D (-1752) (-)

Ion 92.00 (91.70 to 92.70): BN000735.D (-1752) (-)

Ion 138.00 (137.70 to 138.70): BN000735.D (-1752) (-)



#48

Acenaphthylene

Concen: 7.874 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

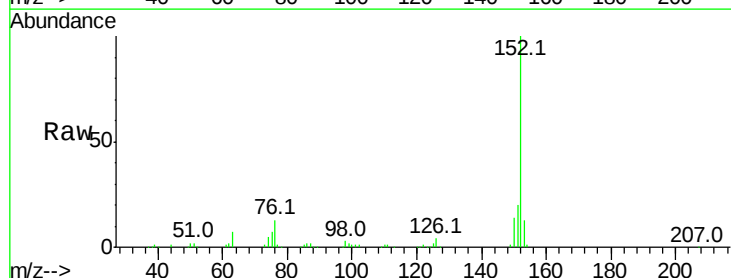
Tgt Ion: 152 Resp: 297064

Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

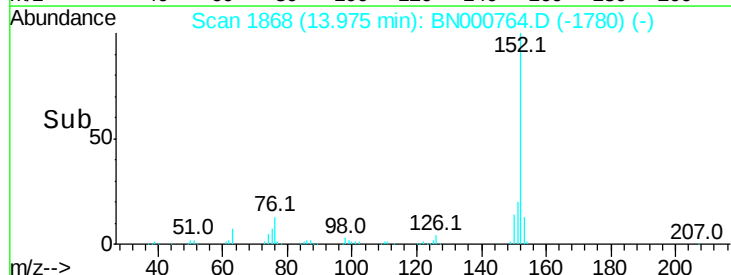
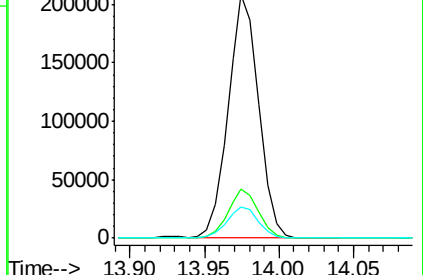
153 13.0 10.2 15.4

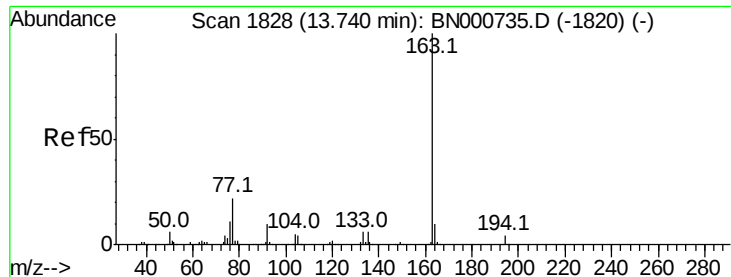


Abundance Ion 152.00 (151.70 to 152.70): BN000735.D (-1857) (-)

Ion 151.00 (150.70 to 151.70): BN000735.D (-1857) (-)

Ion 153.00 (152.70 to 153.70): BN000735.D (-1857) (-)





#49

Dimethylphthalate

Concen: 8.126 ng

RT: 13.72 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

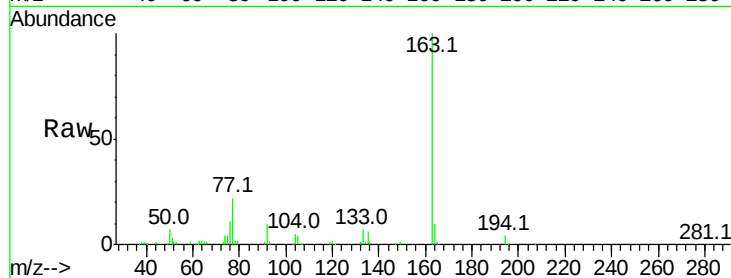
Tot Ion:163 Resp: 230264

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

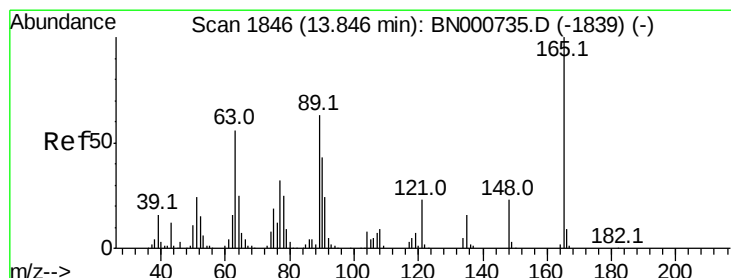
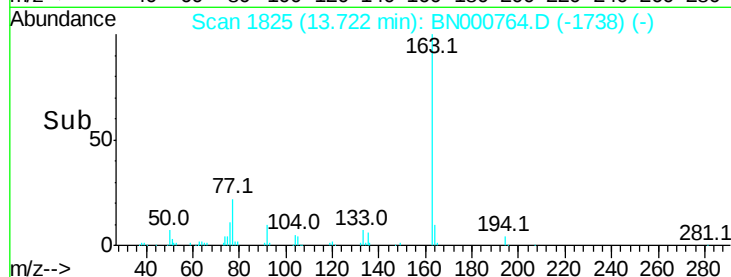
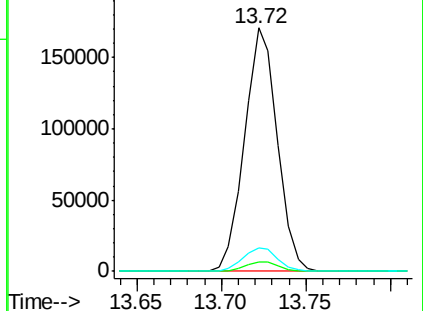
164 9.8 8.2 12.4



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: 7.439 ng

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

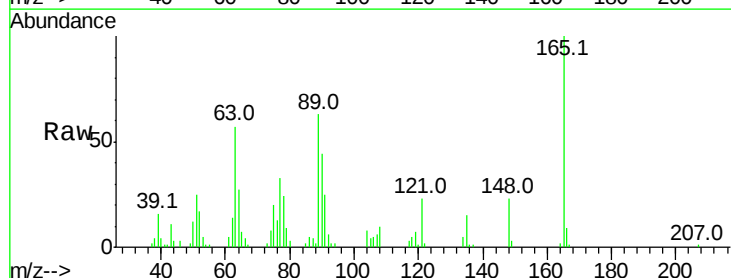
Tgt Ion:165 Resp: 44651

Ion Ratio Lower Upper

165 100

63 56.6 52.7 79.1

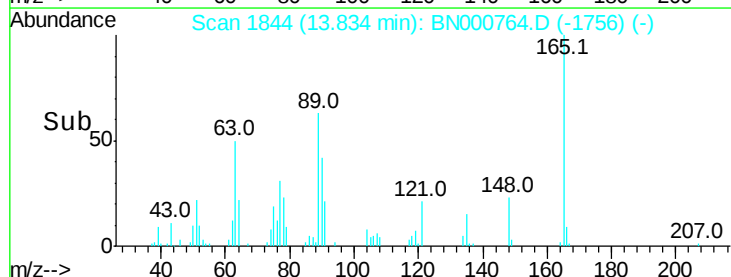
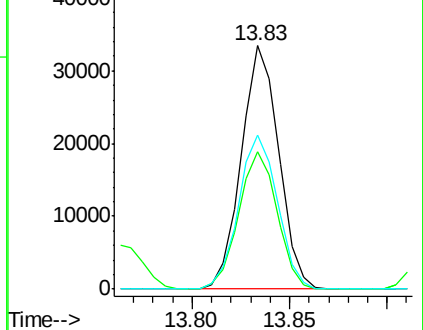
89 63.5 49.2 73.8

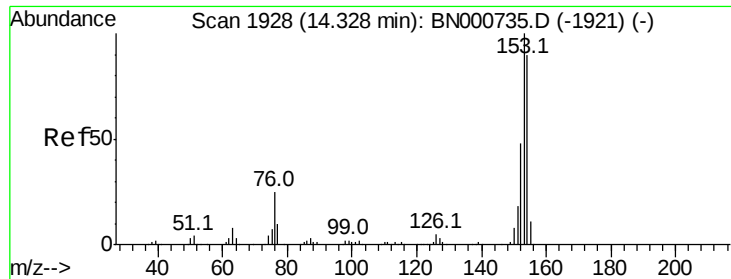


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 7.948 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

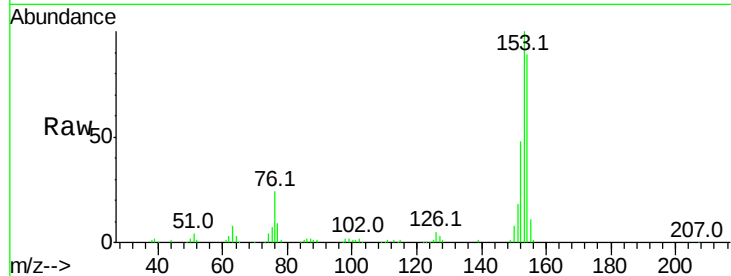
Tot Ion:154 Resp: 182756

Ion Ratio Lower Upper

154 100

153 112.7 90.4 135.6

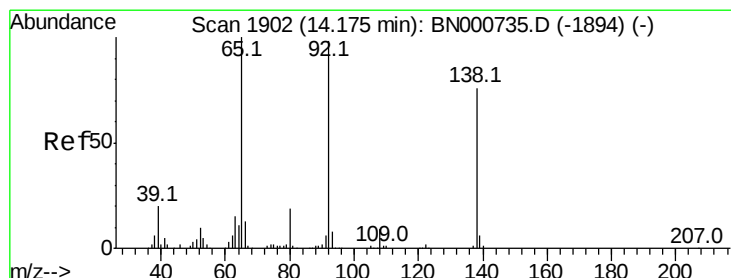
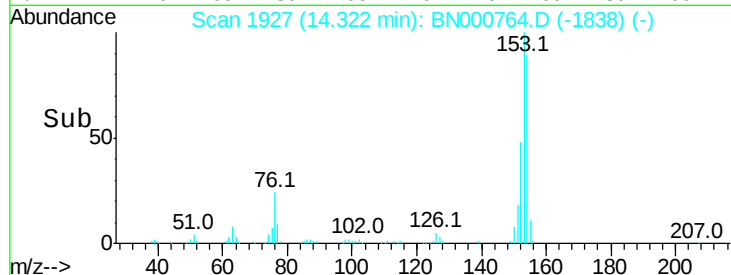
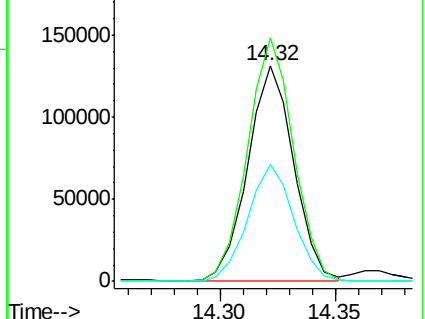
152 54.1 41.6 62.4



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: 6.978 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

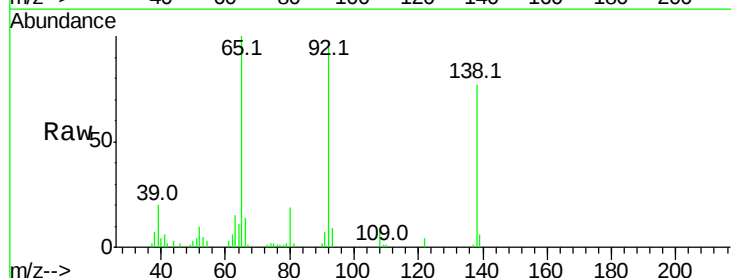
Tgt Ion:138 Resp: 47668

Ion Ratio Lower Upper

138 100

108 12.1 17.5 26.3#

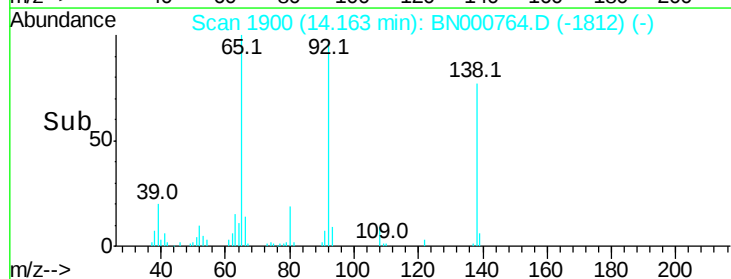
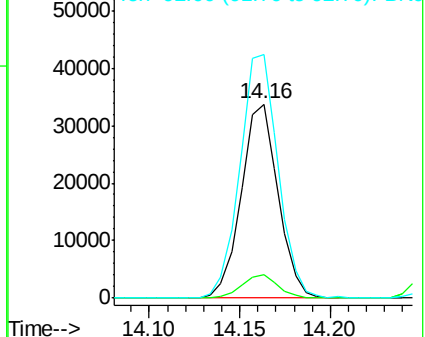
92 125.7 105.8 158.8

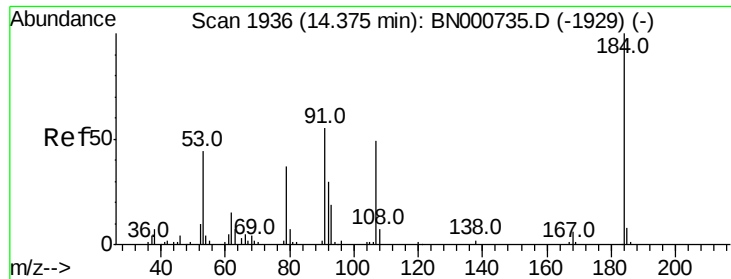


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

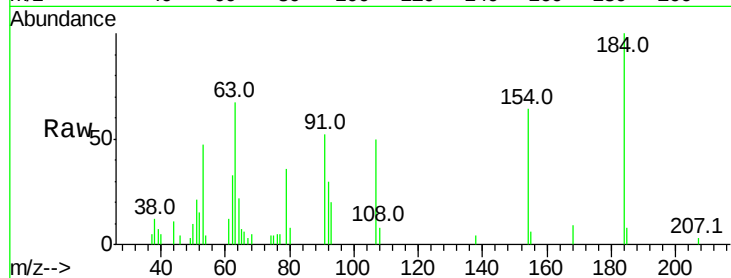




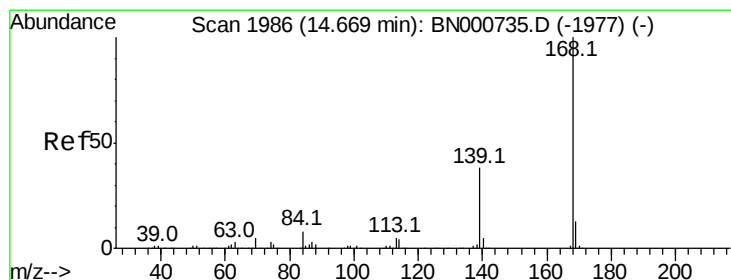
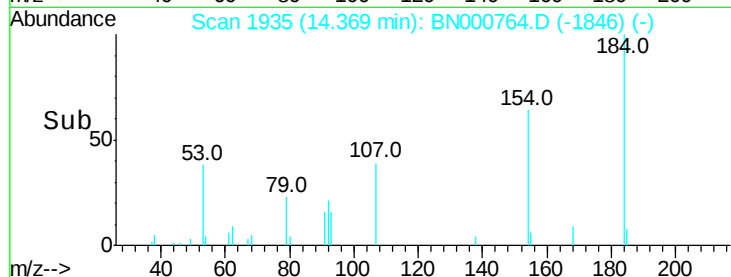
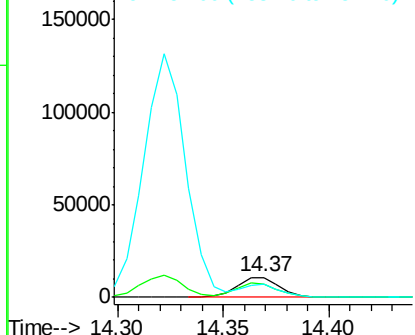
#53
2,4-Dinitrophenol
Concen: 10.147 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 14962
Ion Ratio Lower Upper
184 100
63 67.5 56.0 84.0
154 64.3 48.0 72.0

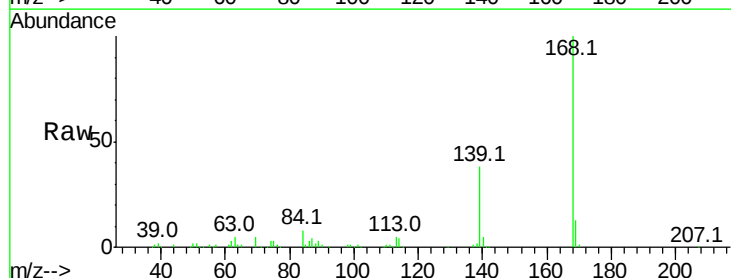


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

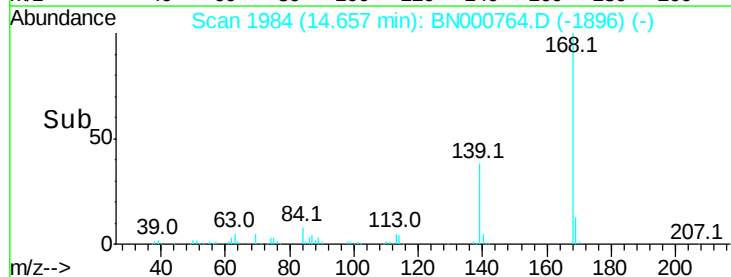
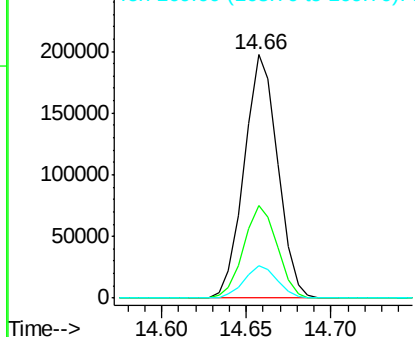


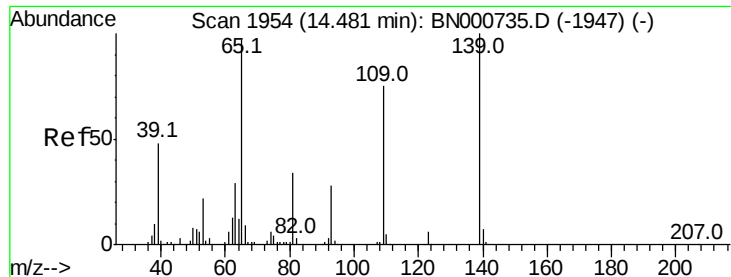
#54
Dibenzofuran
Concen: 8.174 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:168 Resp: 273601
Ion Ratio Lower Upper
168 100
139 37.8 28.6 43.0
169 13.2 11.2 16.8



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

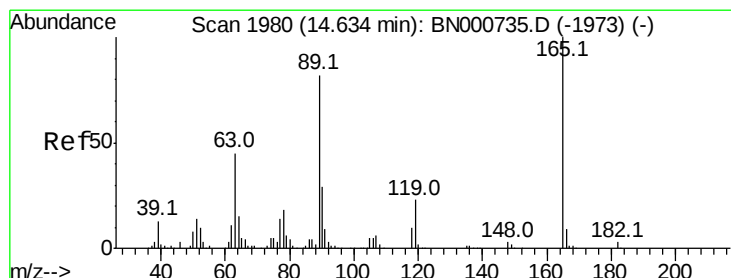
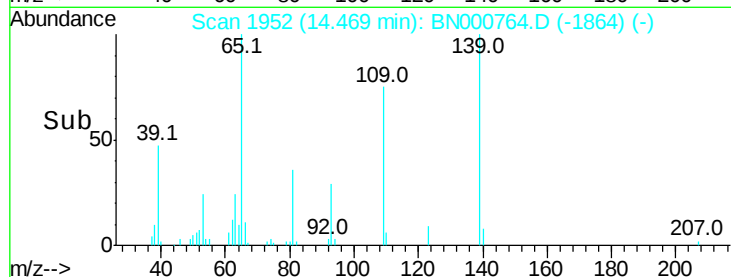
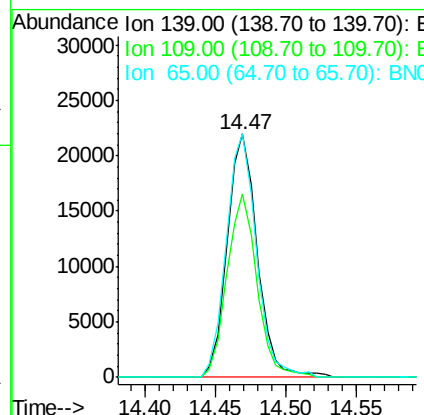
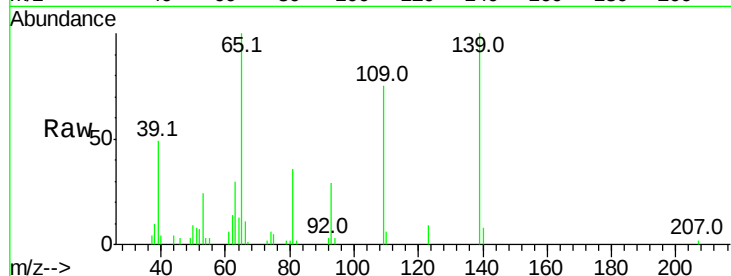




#55
4-Nitrophenol
Concen: 6.414 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

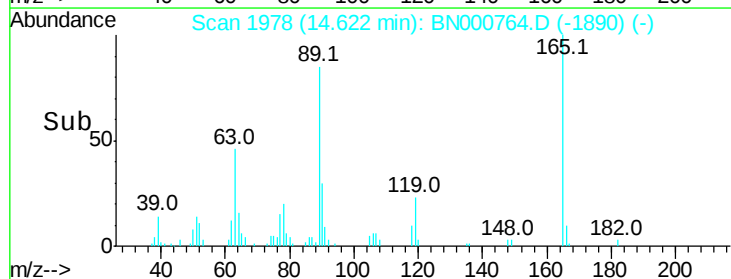
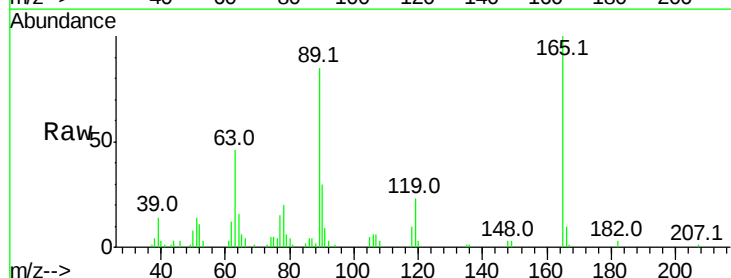
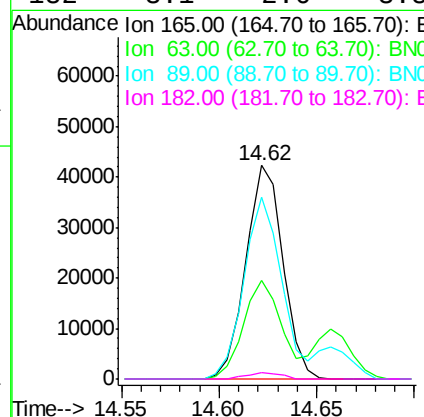
Instrument :
BNA_N
ClientSampled :

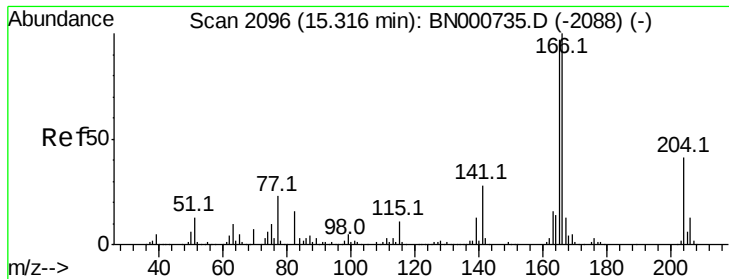
Tot Ion:139 Resp: 32537
Ion Ratio Lower Upper
139 100
109 75.4 62.2 102.2
65 99.9 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 7.106 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:165 Resp: 55843
Ion Ratio Lower Upper
165 100
63 46.2 42.0 63.0
89 85.3 66.9 100.3
182 3.1 2.6 3.8





#57

Fluorene

Concen: 8.261 ng

RT: 15.31 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampled :

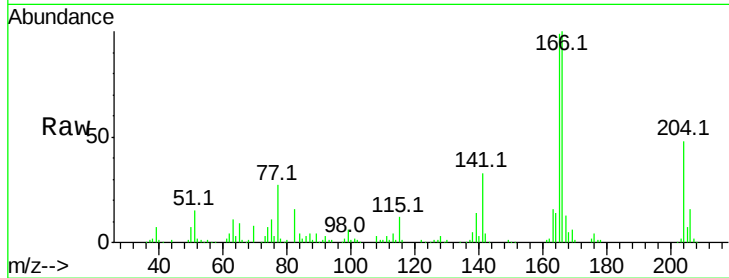
Tot Ion:166 Resp: 218608

Ion Ratio Lower Upper

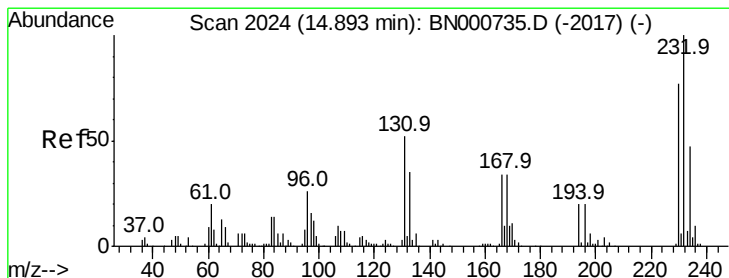
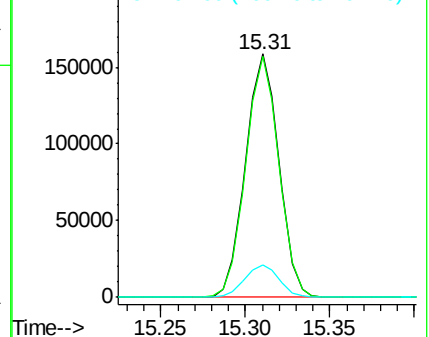
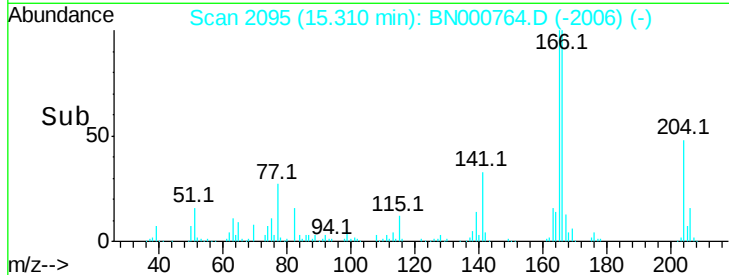
166 100

165 99.2 80.6 121.0

167 13.3 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: 7.390 ng

RT: 14.80 min Scan# 2009

Delta R.T. -0.09 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Tgt Ion:232 Resp: 43765

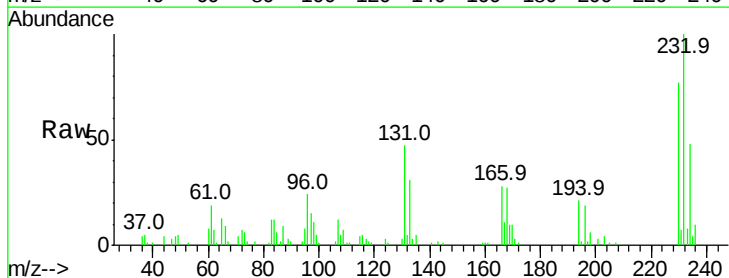
Ion Ratio Lower Upper

232 100

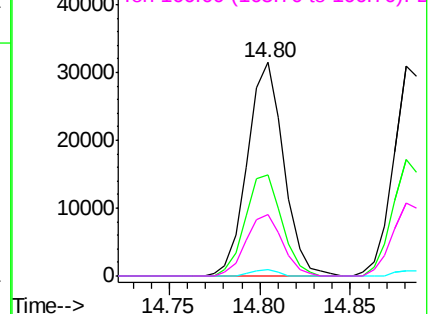
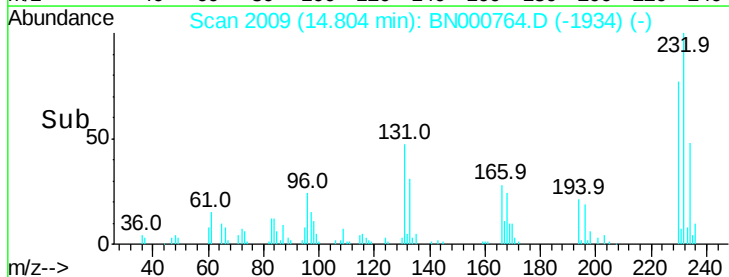
131 47.7 33.5 50.3

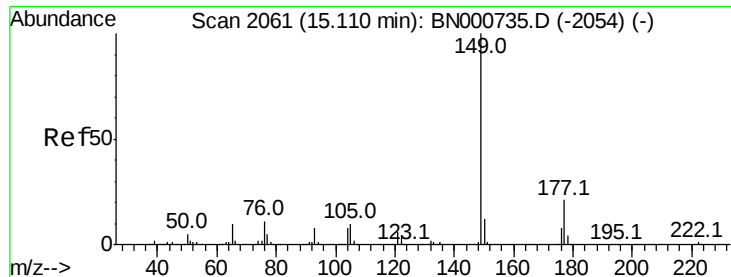
130 2.3 2.2 3.2

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: 7.984 ng

RT: 15.10 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampled :

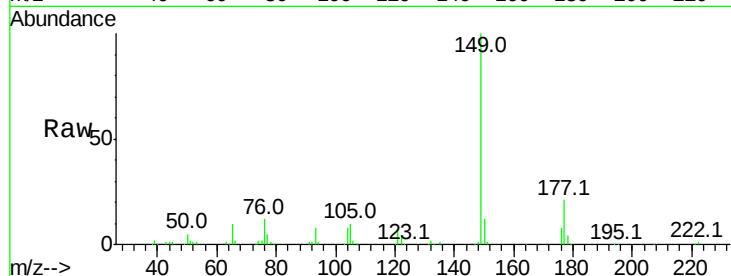
Tot Ion:149 Resp: 224242

Ion Ratio Lower Upper

149 100

177 21.1 18.5 27.7

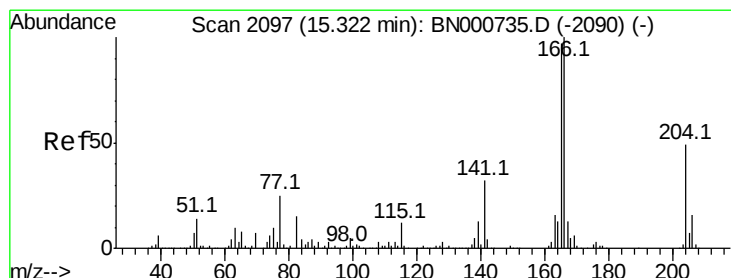
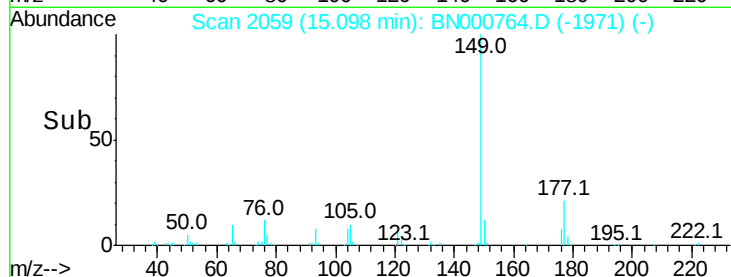
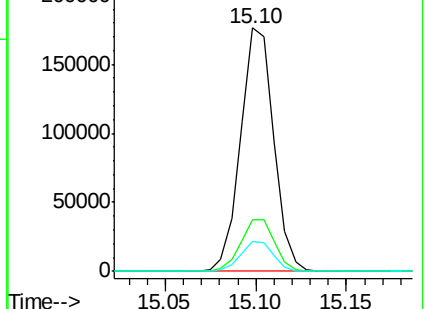
150 12.4 10.2 15.2



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: 8.432 ng

RT: 15.32 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

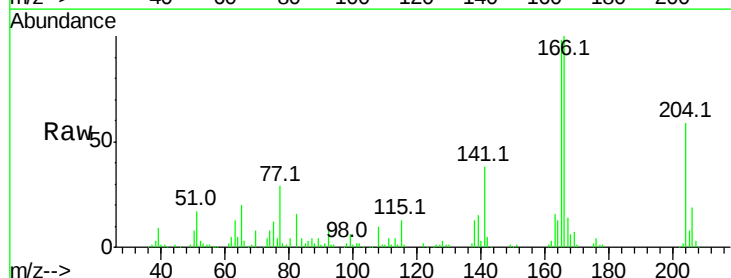
Tgt Ion:204 Resp: 104300

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

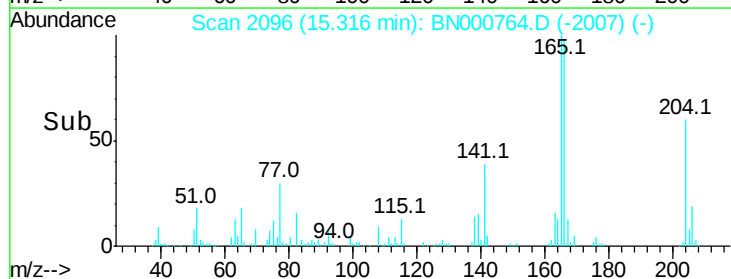
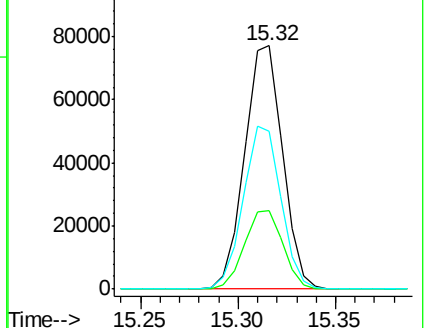
141 64.7 45.8 68.6

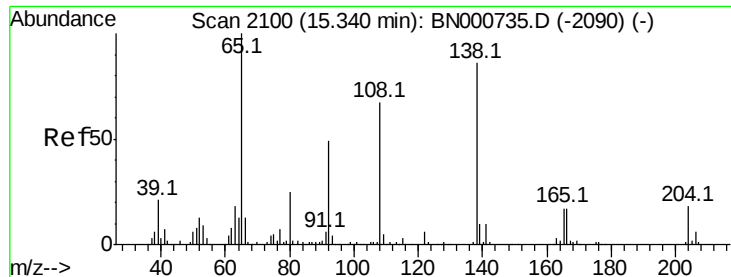


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

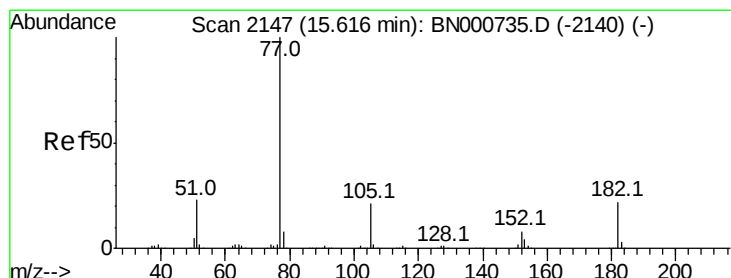
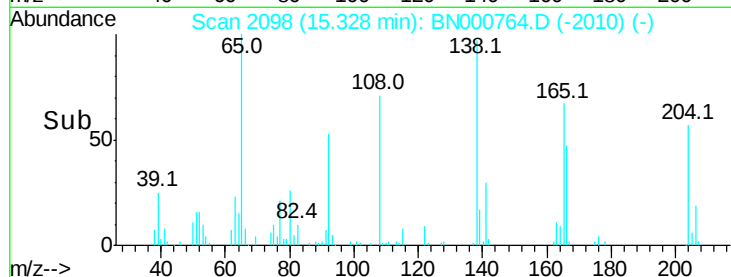
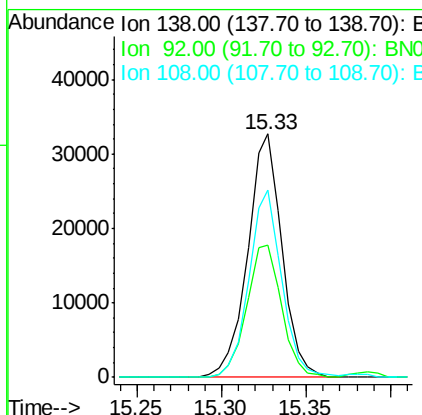
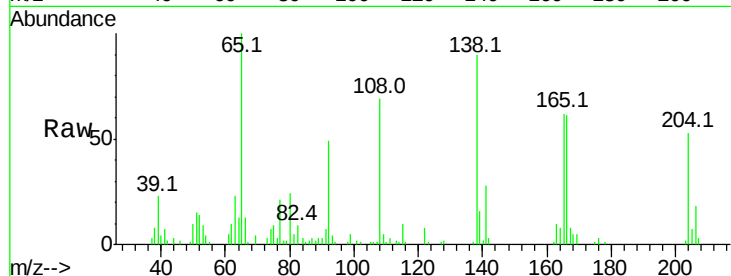




#61
4-Nitroaniline
Concen: 6.881 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

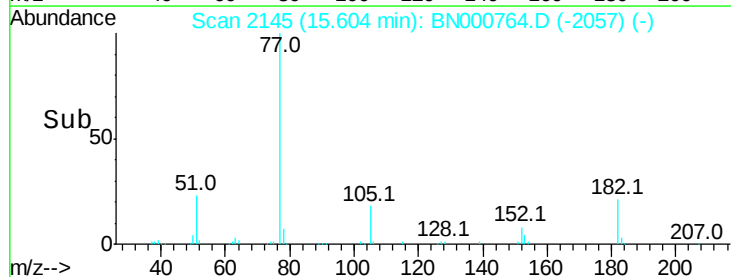
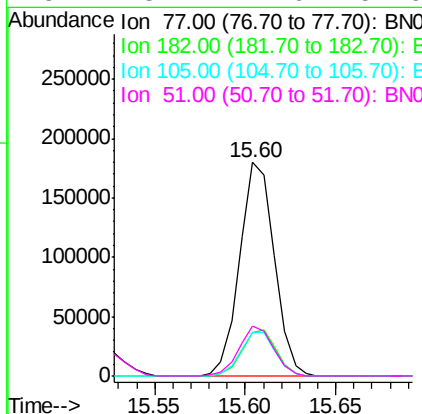
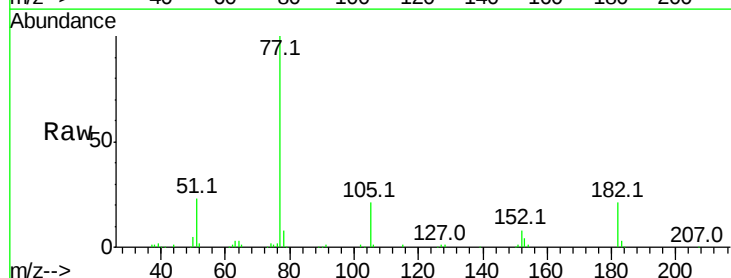
Instrument :
BNA_N
ClientSampled :

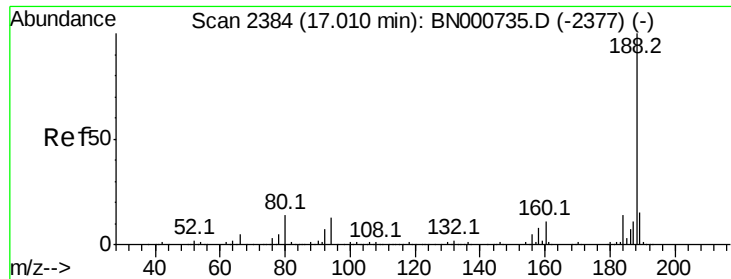
Tot Ion:138 Resp: 46238
Ion Ratio Lower Upper
138 100
92 54.5 40.1 80.1
108 76.7 65.4 105.4



#62
Azobenzene
Concen: 7.959 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion: 77 Resp: 239355
Ion Ratio Lower Upper
77 100
182 20.6 7.4 47.4
105 20.6 0.3 40.3
51 23.2 11.6 51.6

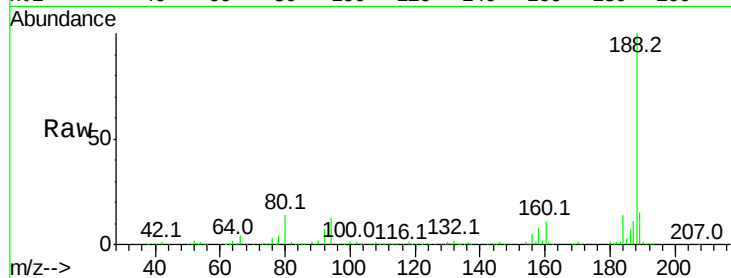




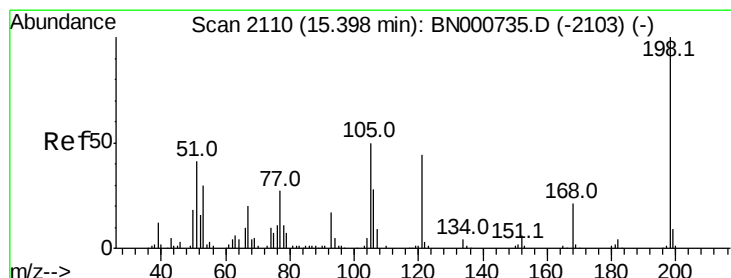
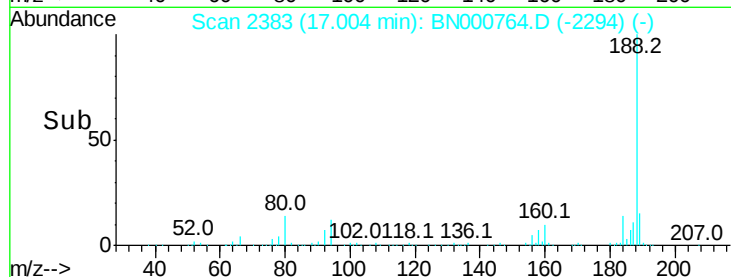
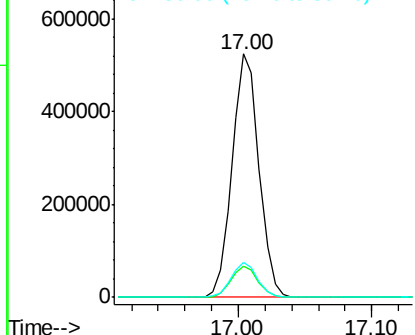
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 733370
Ion Ratio Lower Upper
188 100
94 13.0 6.9 10.3#
80 14.2 7.7 11.5#

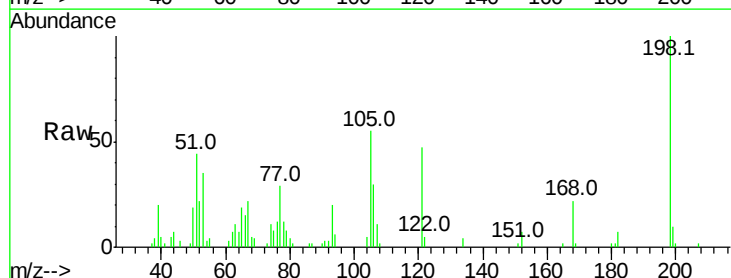


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

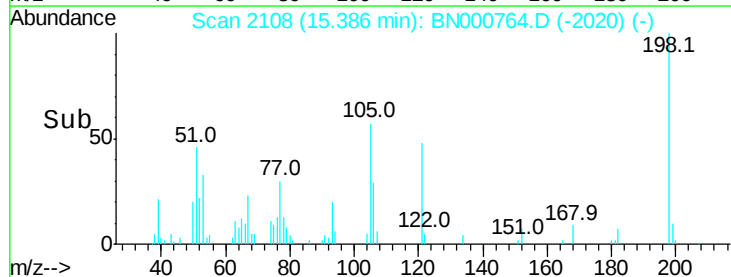
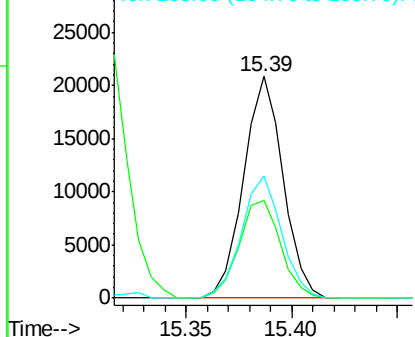


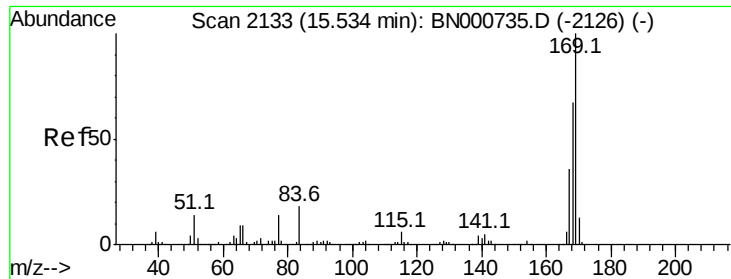
#64
4,6-Dinitro-2-methylphenol
Concen: 5.950 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:198 Resp: 26950
Ion Ratio Lower Upper
198 100
51 44.4 30.6 70.6
105 55.2 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

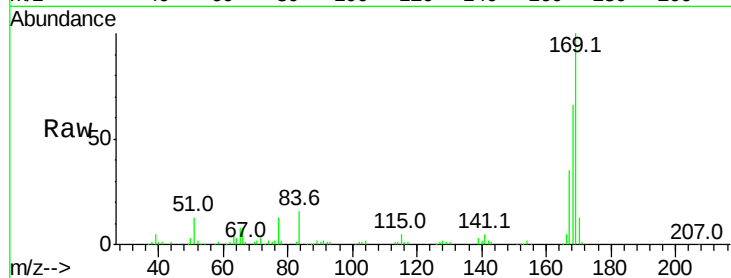




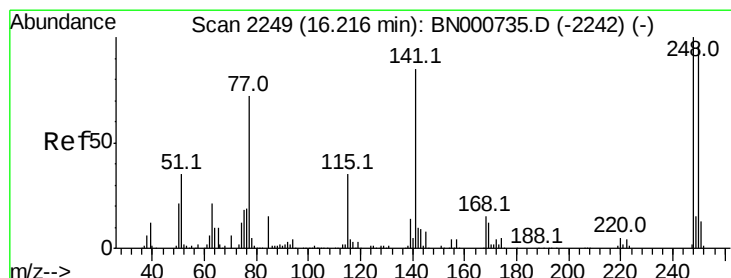
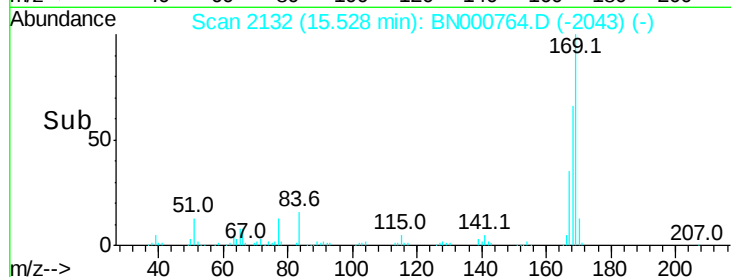
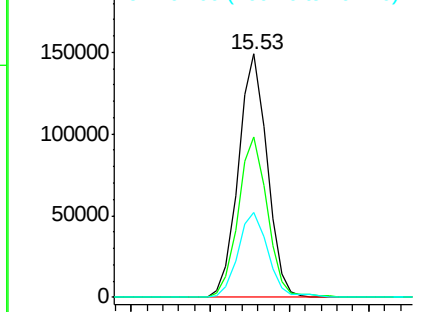
#65
 n-Nitrosodiphenylamine
 Concen: 7.612 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:169 Resp: 187420
 Ion Ratio Lower Upper
 169 100
 168 66.1 55.7 83.5
 167 35.0 30.1 45.1

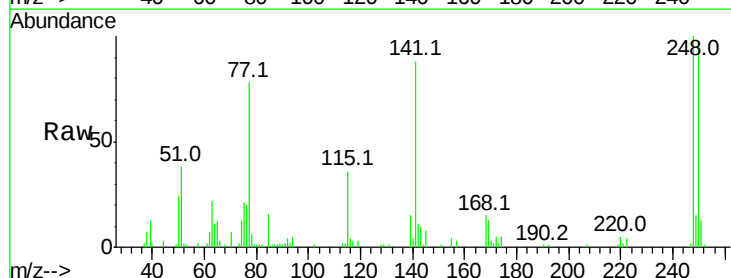


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

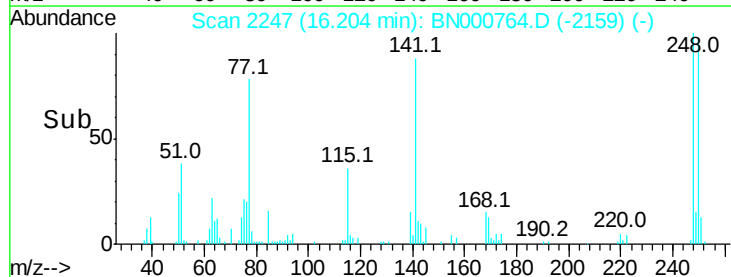
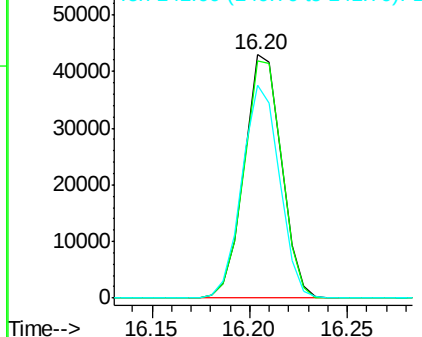


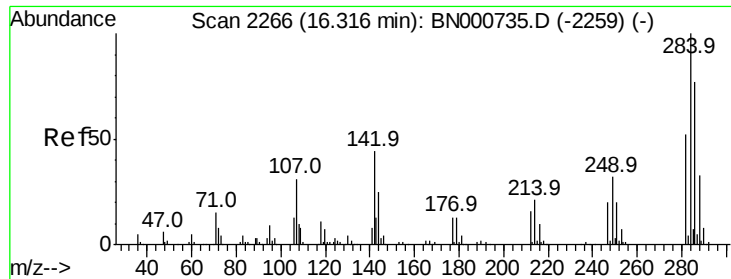
#66
 4-Bromophenyl-phenylether
 Concen: 7.650 ng
 RT: 16.20 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:248 Resp: 56995
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.1 115.7
 141 87.5 50.8 76.2#



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

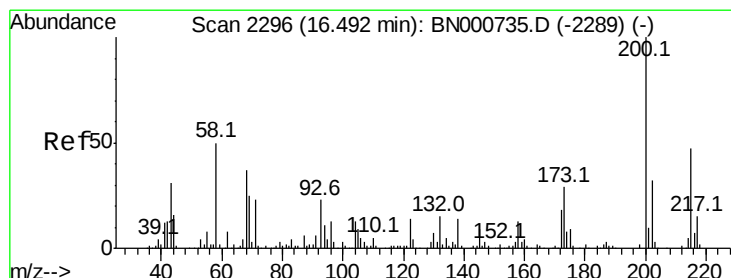
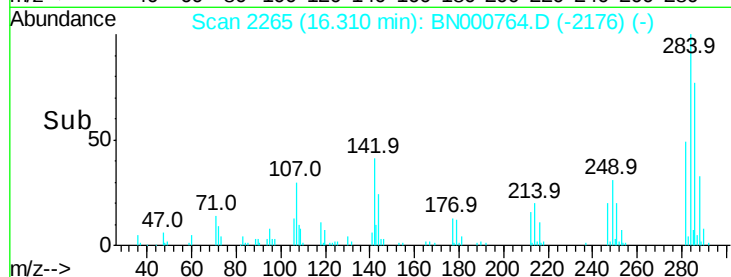
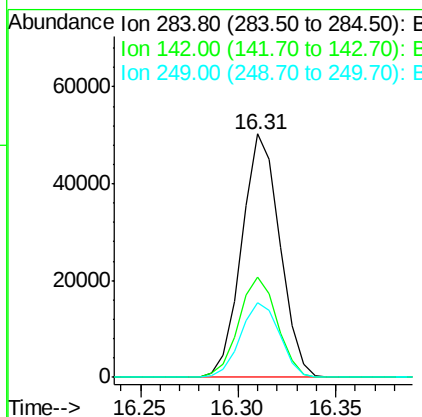
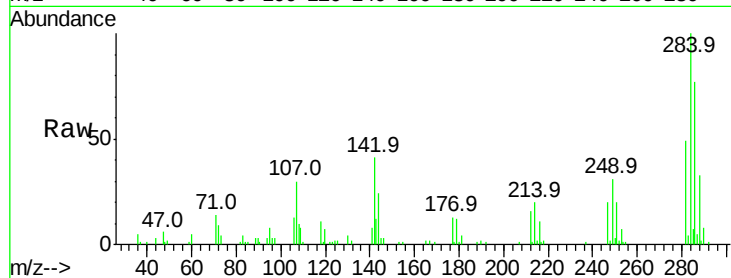




#67
Hexachlorobenzene
Concen: 7.885 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

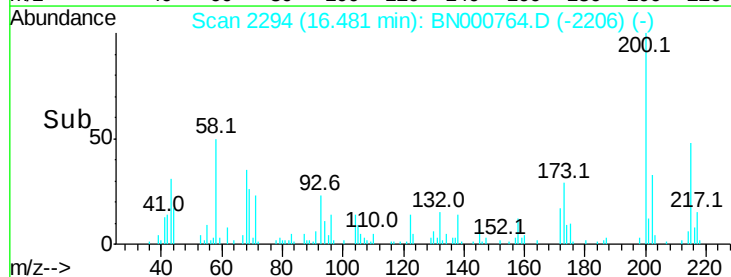
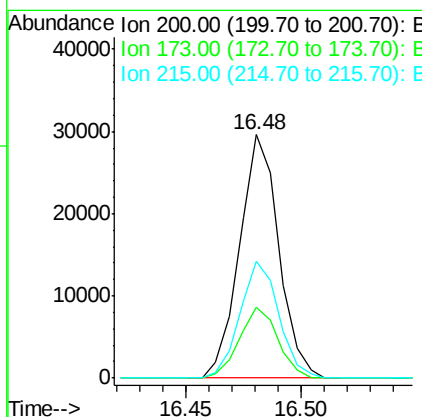
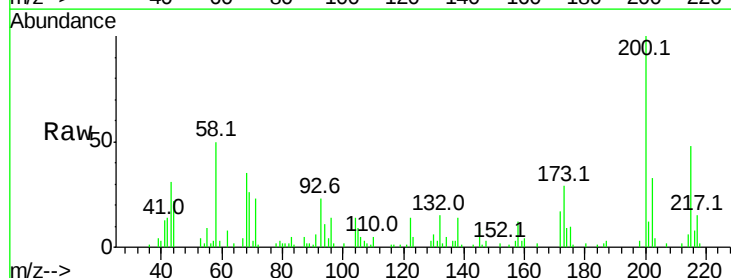
Instrument :
BNA_N
ClientSampleId :

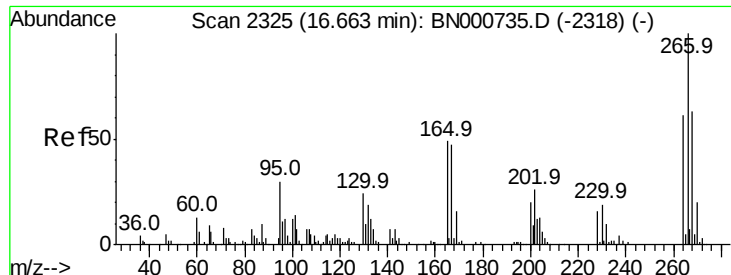
Tot Ion:284 Resp: 68026
Ion Ratio Lower Upper
284 100
142 41.1 26.8 40.2#
249 30.7 26.3 39.5



#68
Atrazine
Concen: 5.256 ng
RT: 16.48 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:200 Resp: 35058
Ion Ratio Lower Upper
200 100
173 29.0 5.2 45.2
215 47.9 30.4 70.4

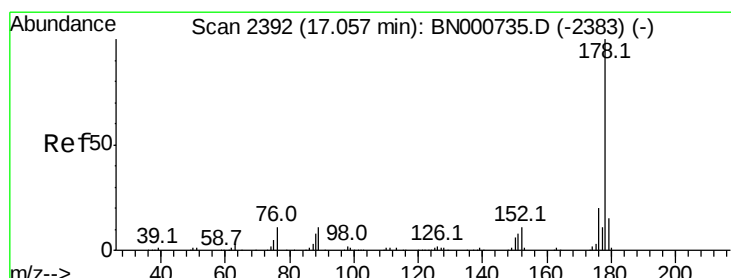
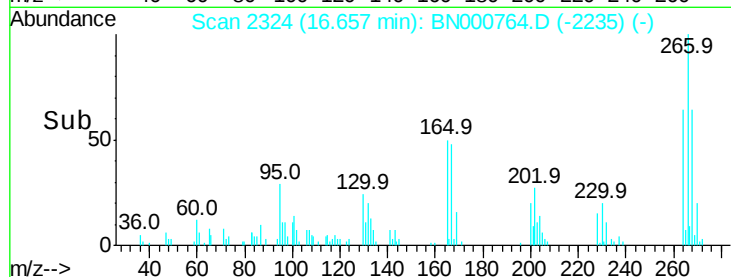
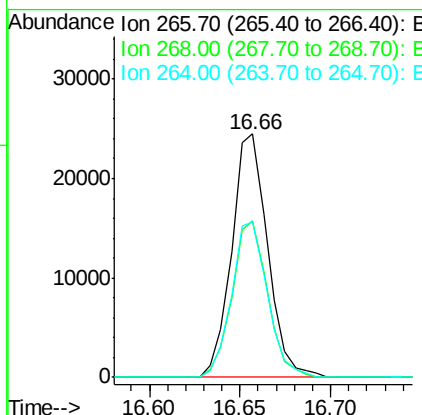
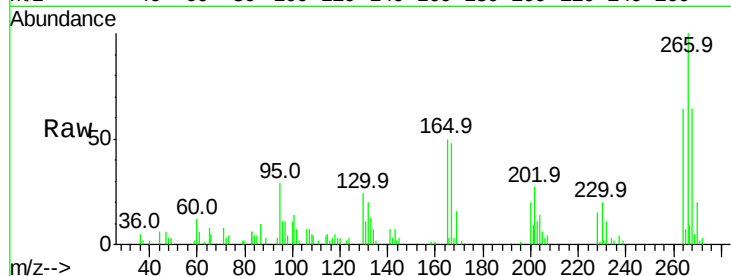




#69
 Pentachlorophenol
 Concen: 6.045 ng
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

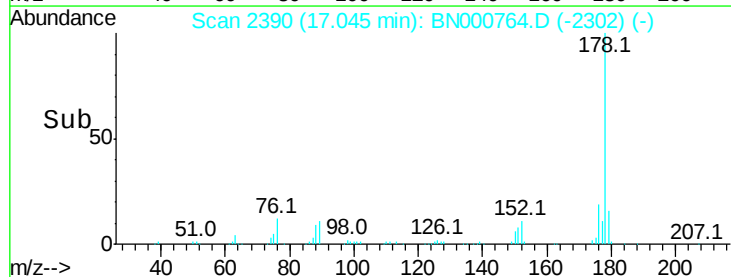
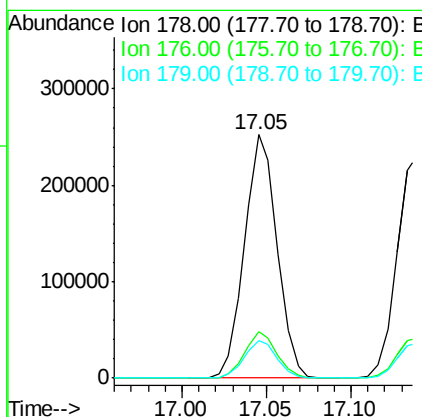
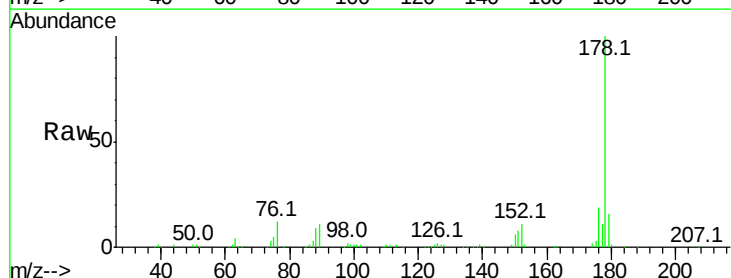
Instrument :
 BNA_N
 ClientSampleId :

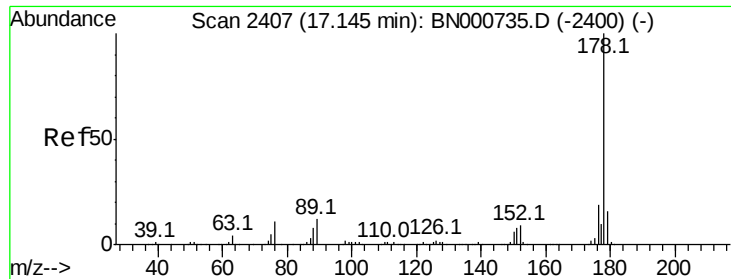
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.9	49.6	74.4



#70
 Phenanthrene
 Concen: 8.014 ng
 RT: 17.05 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.5	12.5	18.7

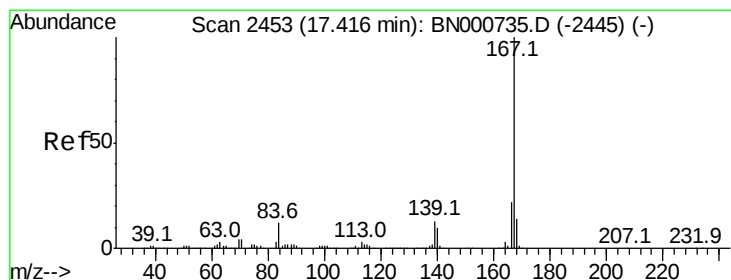
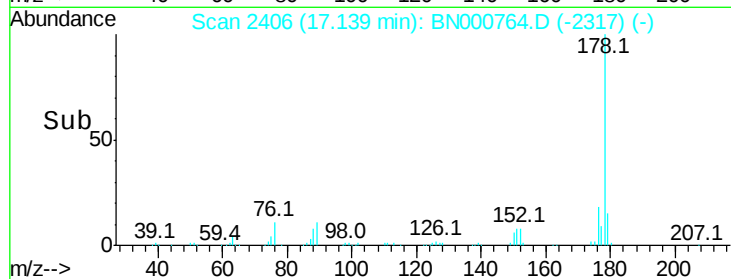
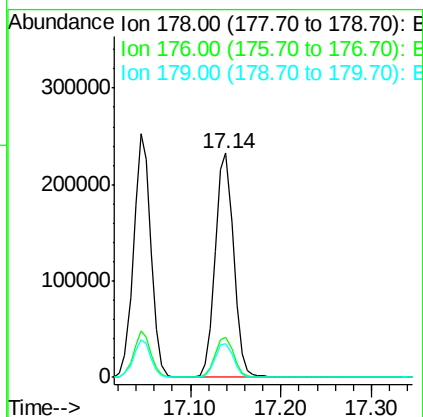
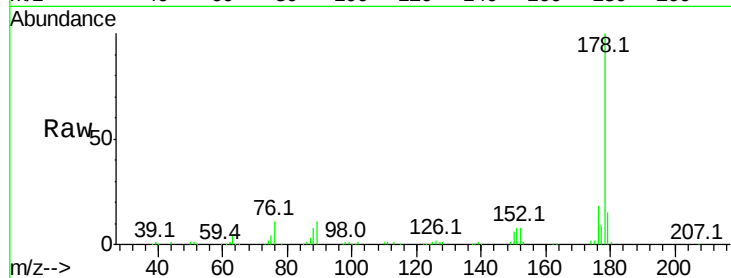




#71
 Anthracene
 Concen: 7.838 ng
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

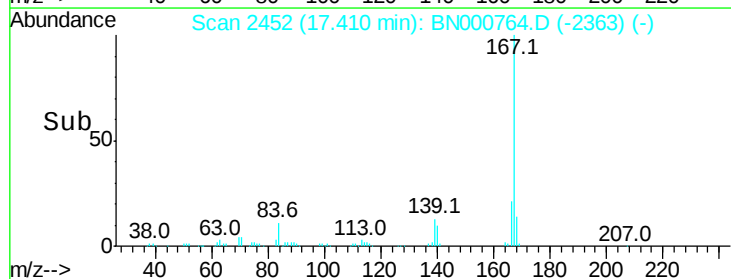
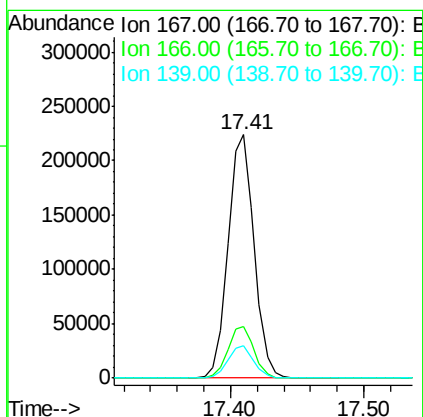
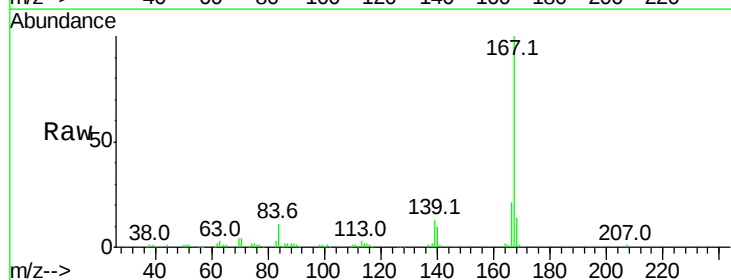
Instrument :
 BNA_N
 ClientSampleId :

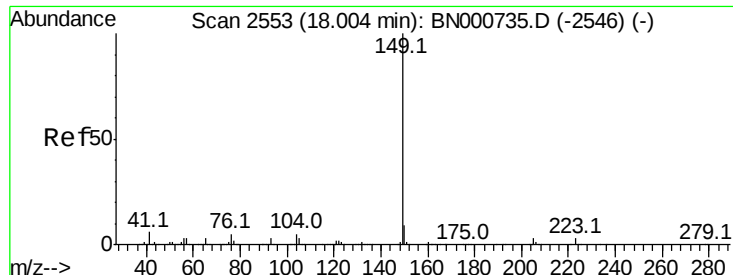
Tot Ion:178 Resp: 326015
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.0 24.0
 179 15.2 12.5 18.7



#72
 Carbazole
 Concen: 7.816 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:167 Resp: 305529
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.2 27.4
 139 13.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 7.300 ng

RT: 17.99 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

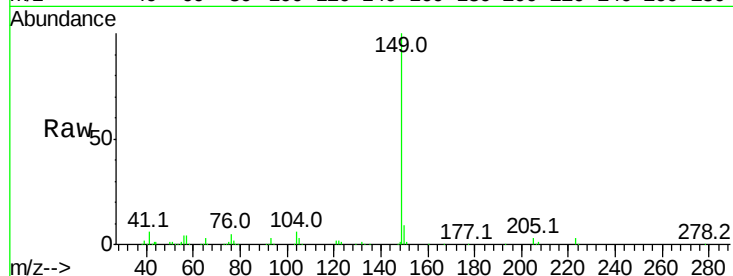
Tot Ion:149 Resp: 325163

Ion Ratio Lower Upper

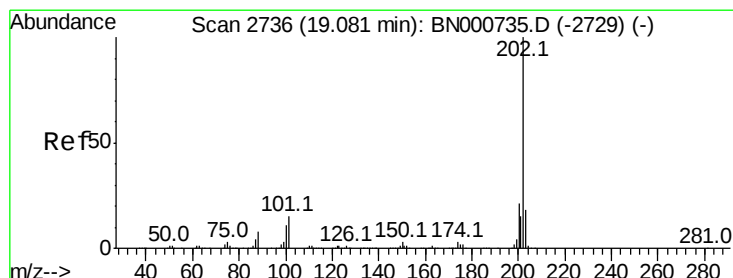
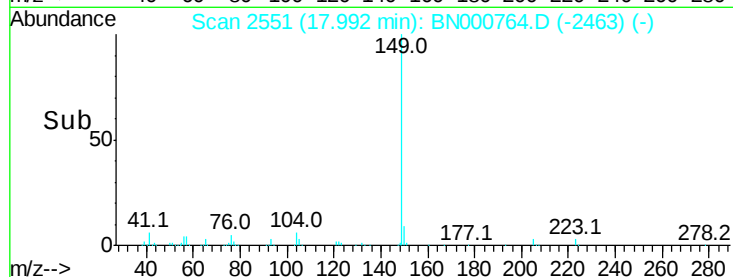
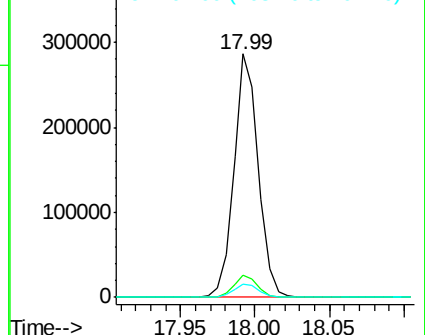
149 100

150 9.0 7.8 11.6

104 5.6 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: 7.996 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

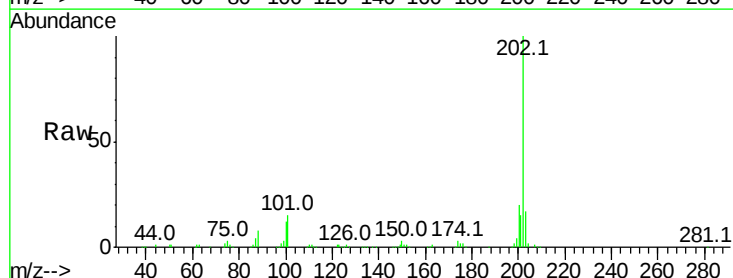
Tgt Ion:202 Resp: 342305

Ion Ratio Lower Upper

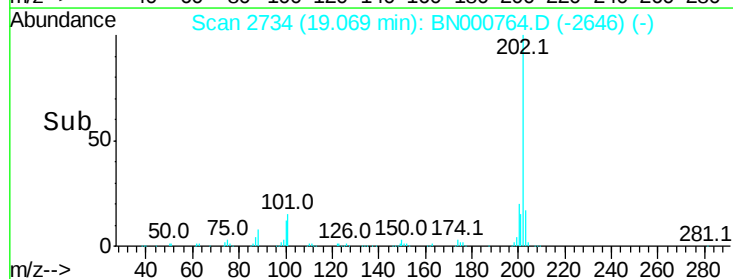
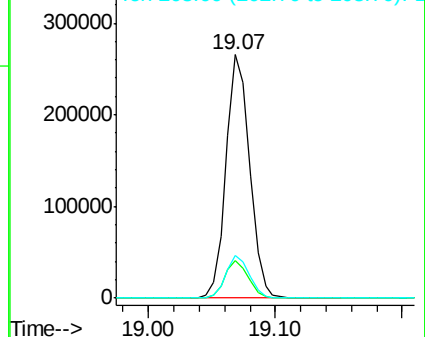
202 100

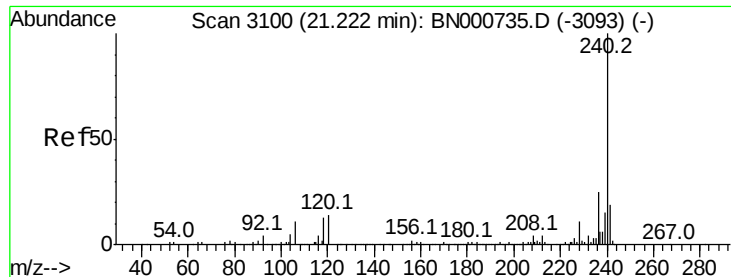
101 15.2 0.0 28.9

203 17.5 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: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

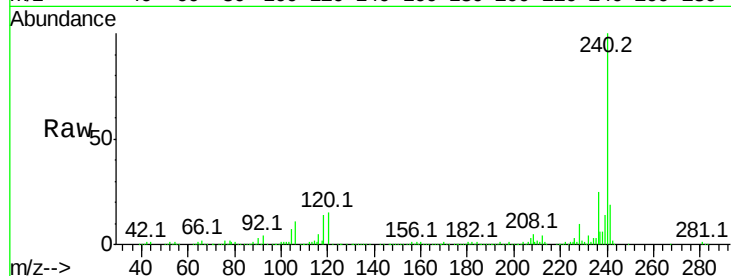
Tot Ion:240 Resp: 638239

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

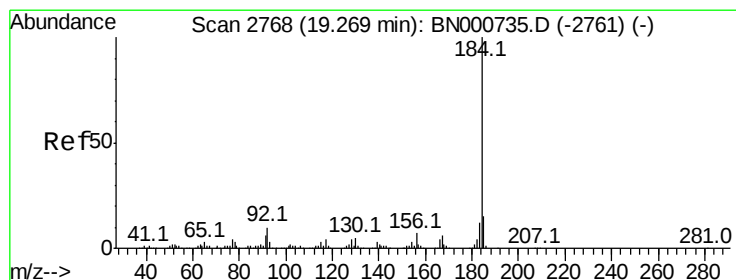
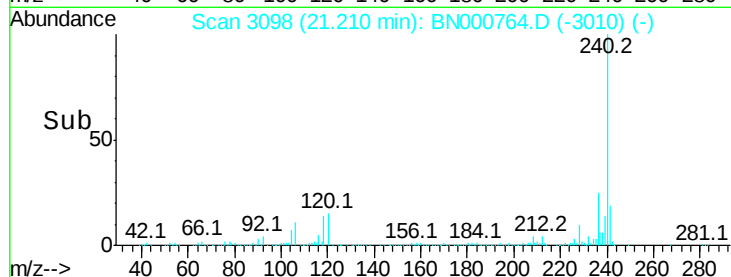
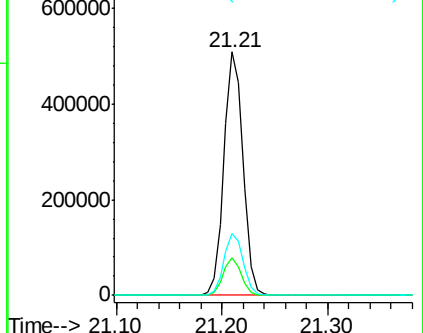
236 25.5 20.9 31.3



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: 3.163 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

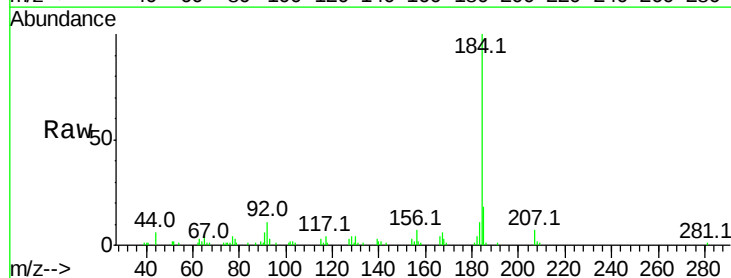
Tgt Ion:184 Resp: 54674

Ion Ratio Lower Upper

184 100

185 17.9 11.1 16.7#

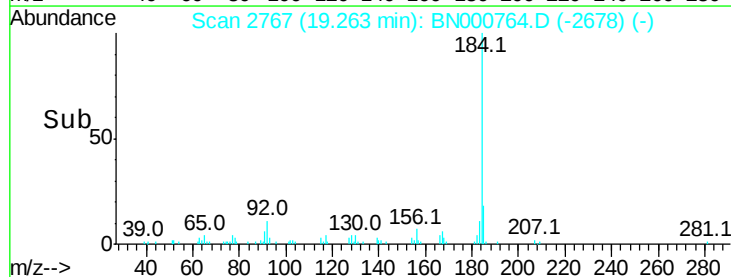
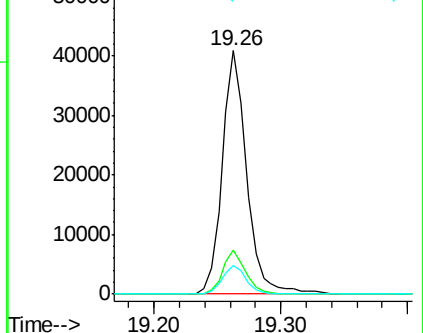
183 11.5 10.6 16.0

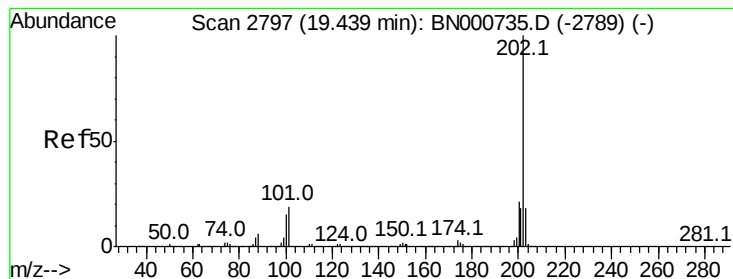


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 7.908 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BN000764.D

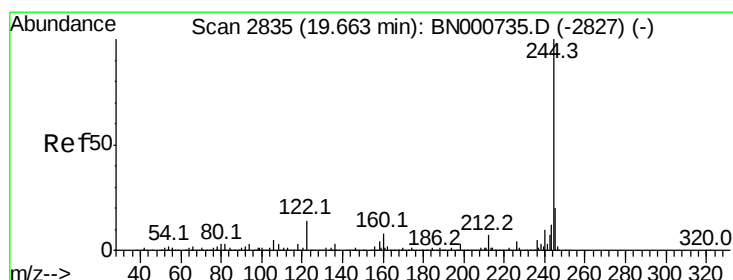
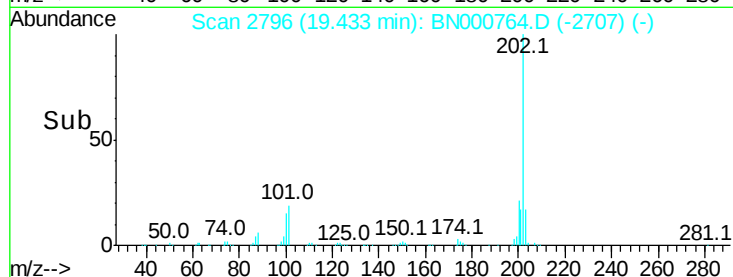
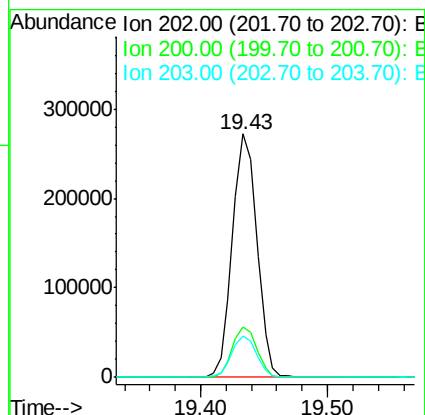
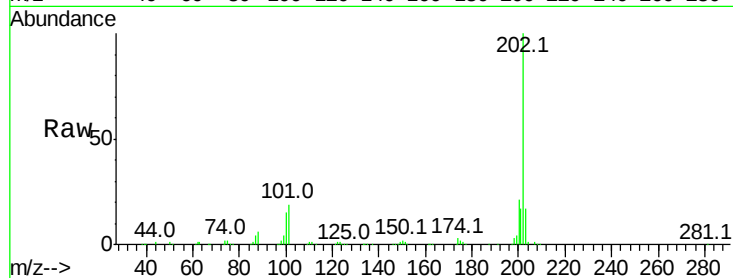
Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	202	Resp:	363581
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.0	13.9	20.9



#78

Terphenyl-d14

Concen: 86.819 ng

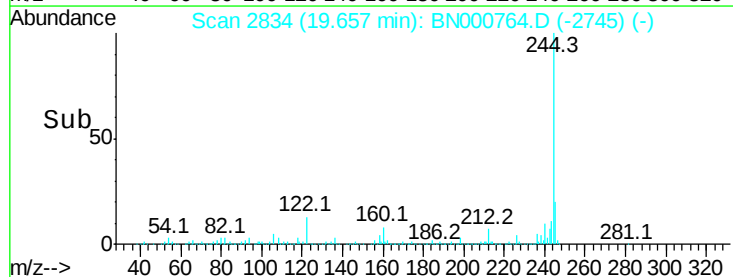
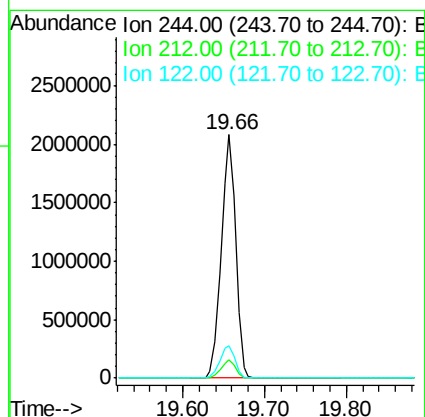
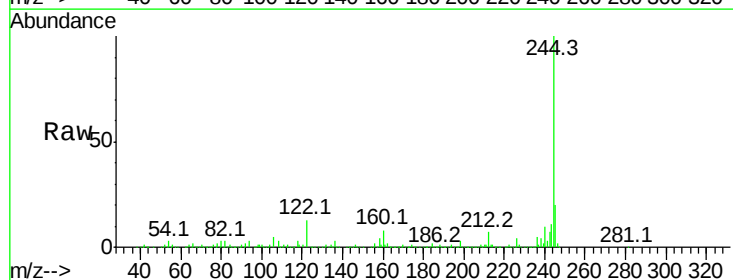
RT: 19.66 min Scan# 2834

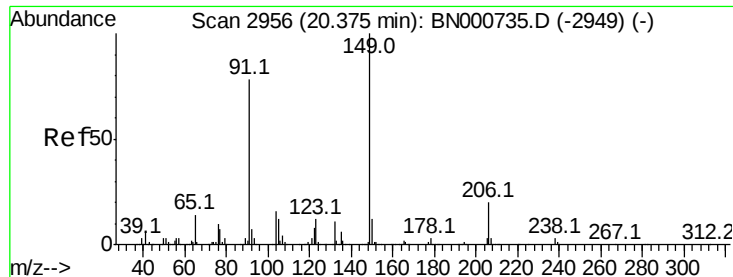
Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Tgt Ion:	244	Resp:	2569921
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.4	7.0	10.4

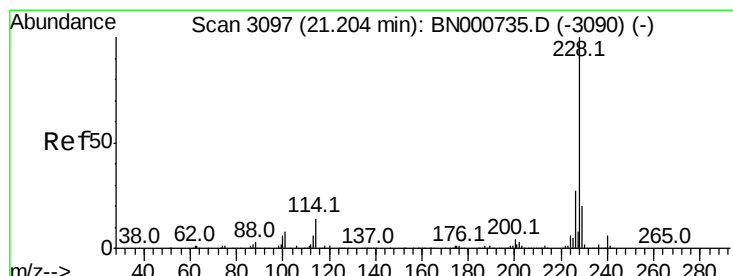
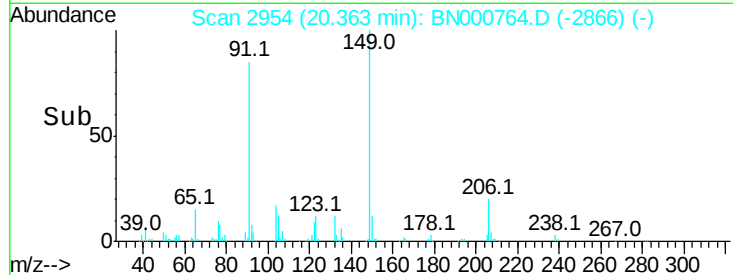
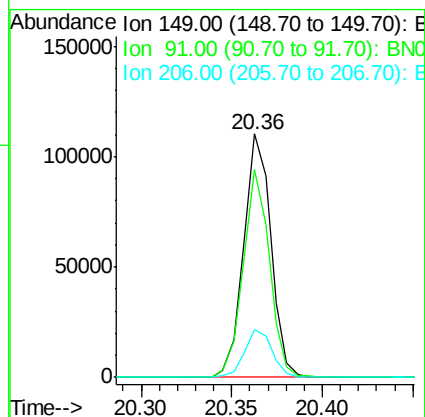
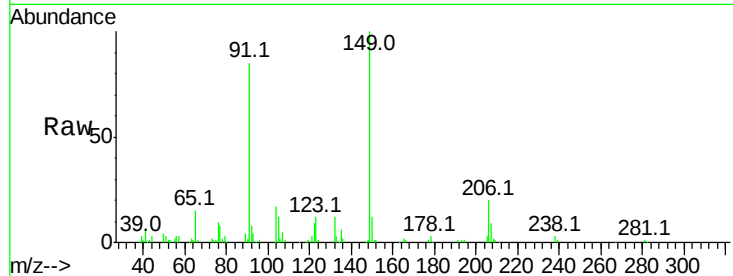




#79
Butylbenzylphthalate
Concen: 5.954 ng
RT: 20.36 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

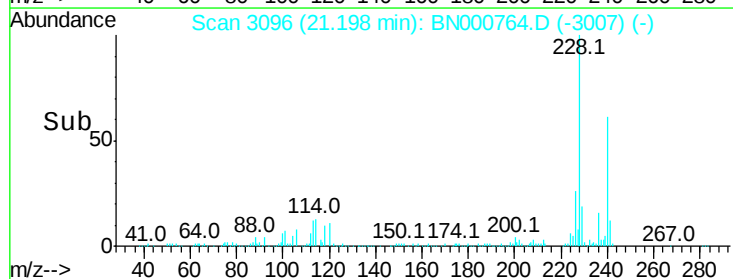
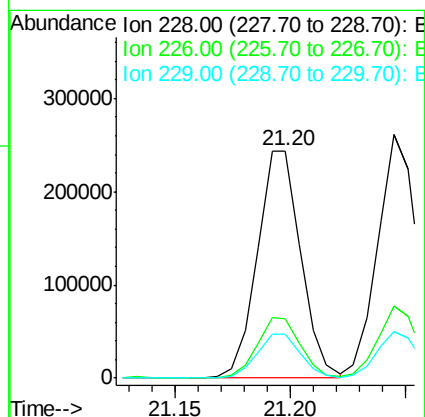
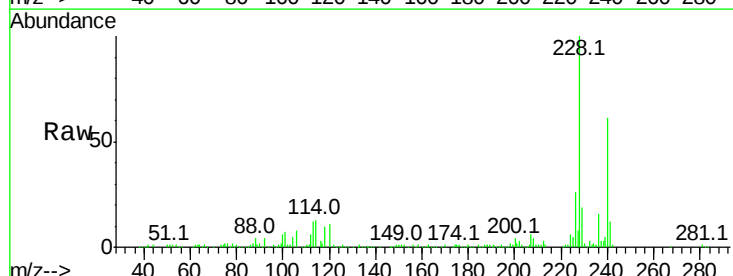
Instrument :
BNA_N
ClientSampled :

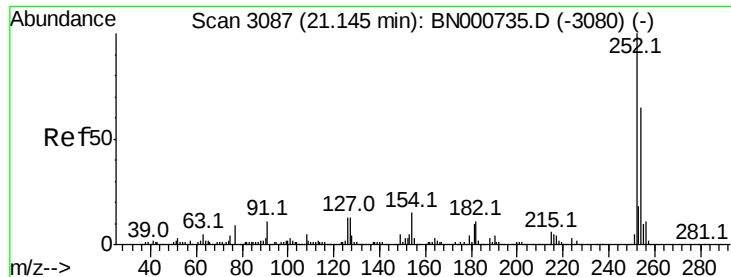
Tot Ion:149 Resp: 115314
Ion Ratio Lower Upper
149 100
91 85.4 62.2 93.2
206 19.5 18.6 27.8



#80
Benzo(a)anthracene
Concen: 7.934 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN000764.D
Acq: 19 Apr 2018 05:28

Tgt Ion:228 Resp: 319124
Ion Ratio Lower Upper
228 100
226 26.2 22.7 34.1
229 19.4 16.2 24.2

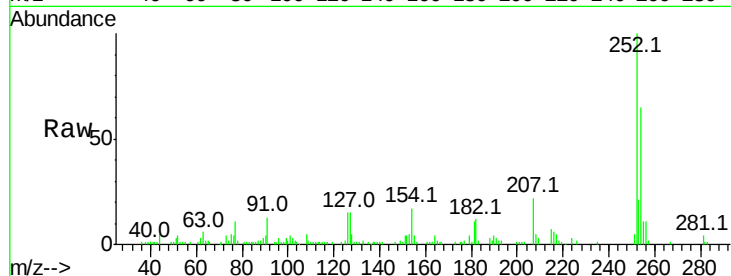




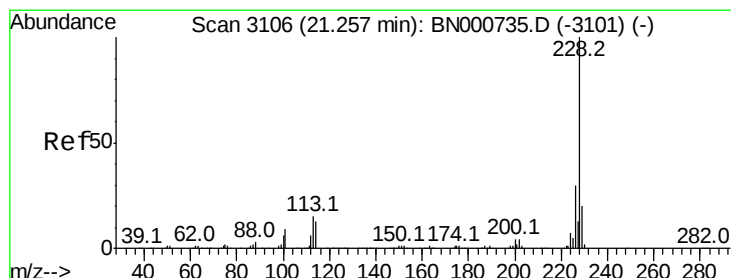
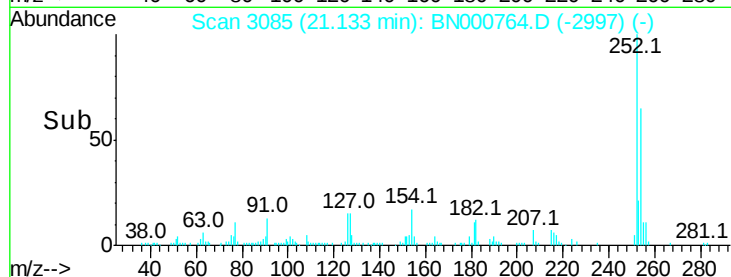
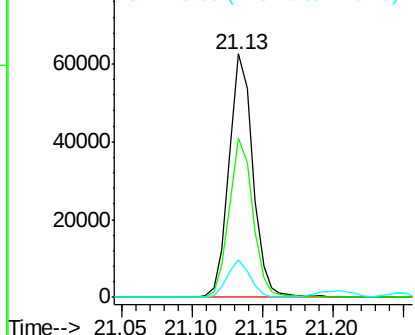
#81
 3,3'-Dichlorobenzidine
 Concen: 5.867 ng
 RT: 21.13 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:252 Resp: 74282
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.8 76.2
 126 15.2 7.4 11.2#

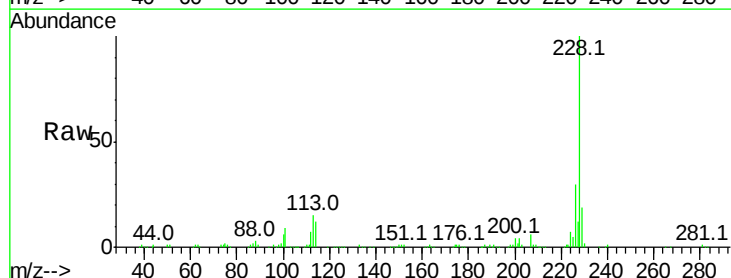


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

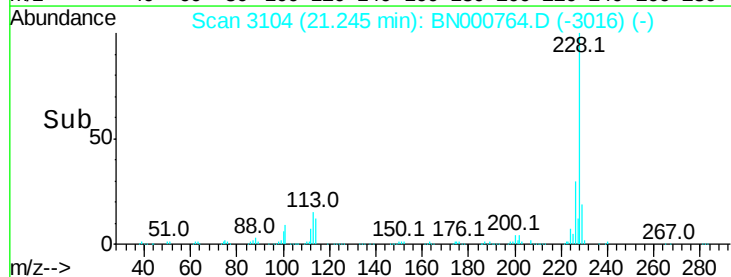
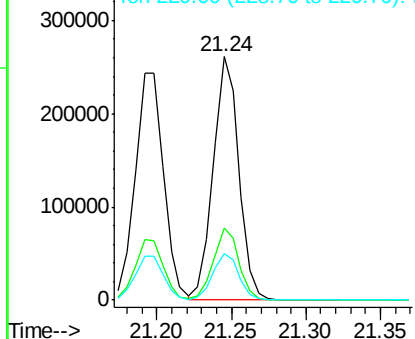


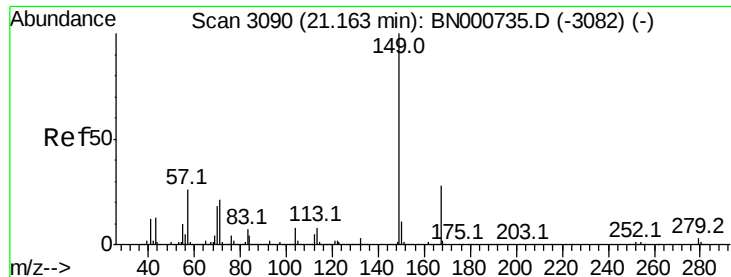
#82
 Chrysene
 Concen: 8.050 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:228 Resp: 313459
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 19.2 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.228 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

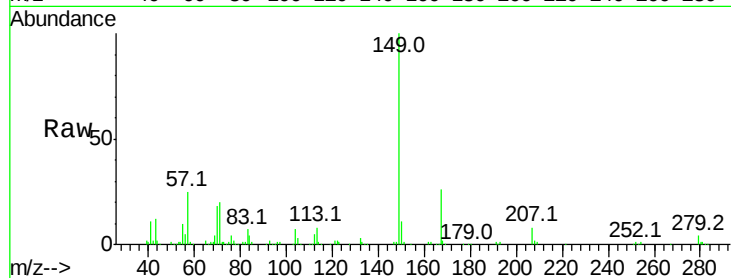
Tot Ion:149 Resp: 184264

Ion Ratio Lower Upper

149 100

167 26.2 24.3 36.5

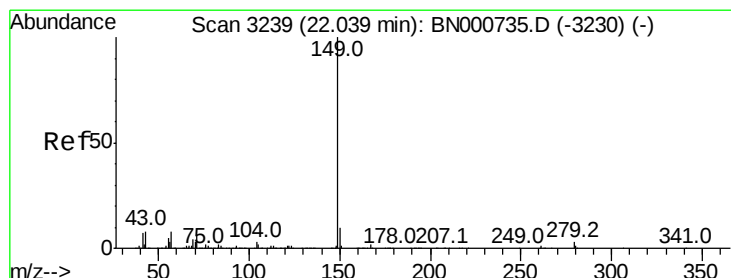
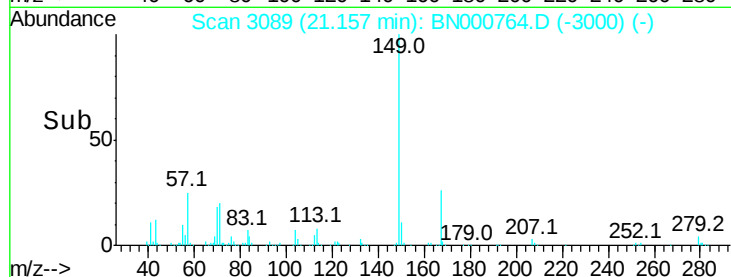
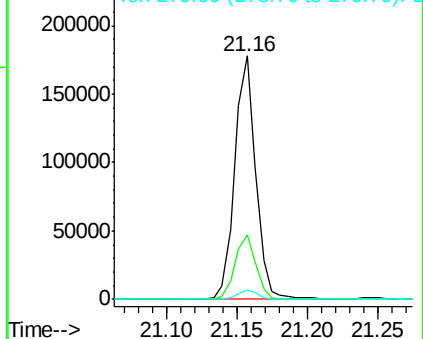
279 3.7 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 5.255 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

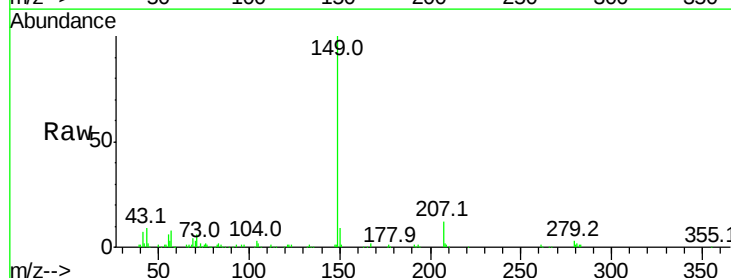
Tgt Ion:149 Resp: 222443

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

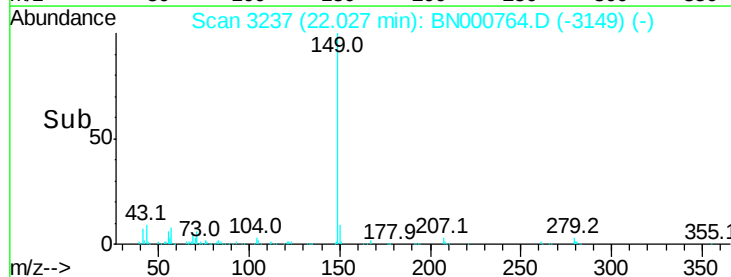
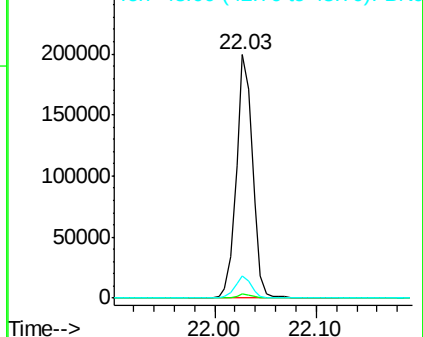
43 9.1 8.9 13.3

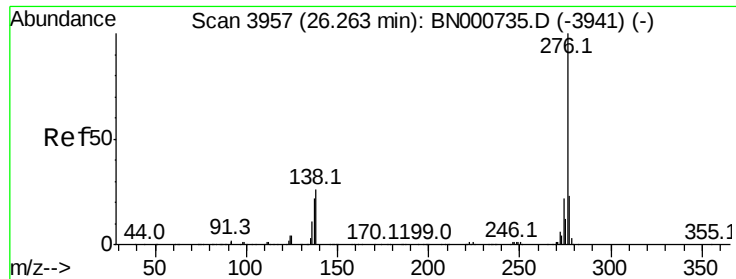


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

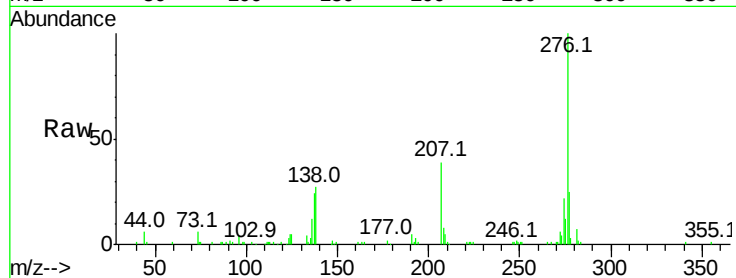




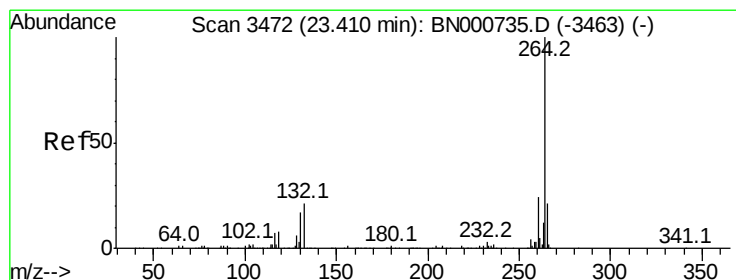
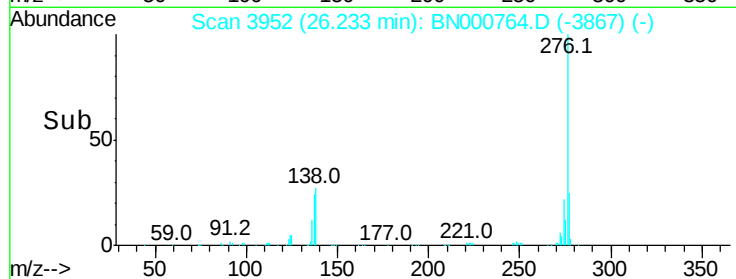
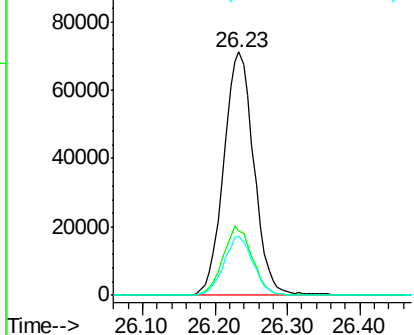
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.141 ng
 RT: 26.23 min Scan# 3952
 Delta R.T. -0.03 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 205653
 Ion Ratio Lower Upper
 276 100
 138 27.6 16.0 24.0#
 277 23.6 20.0 30.0

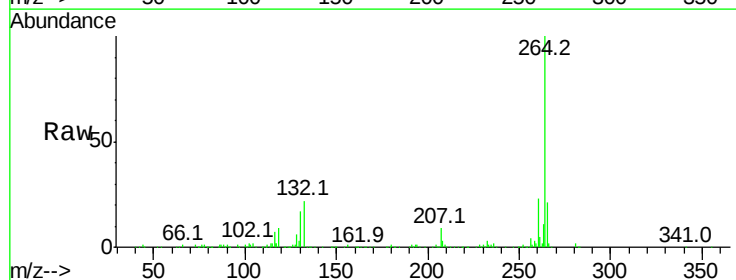


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

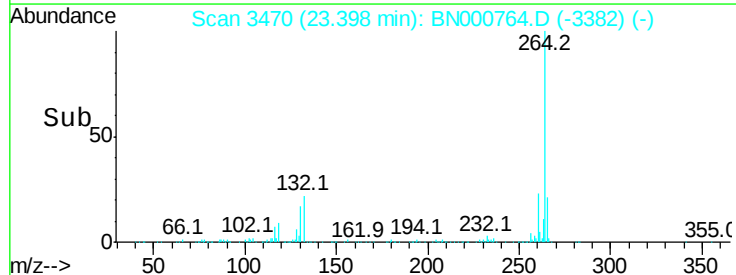
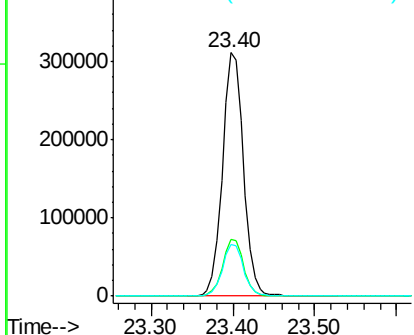


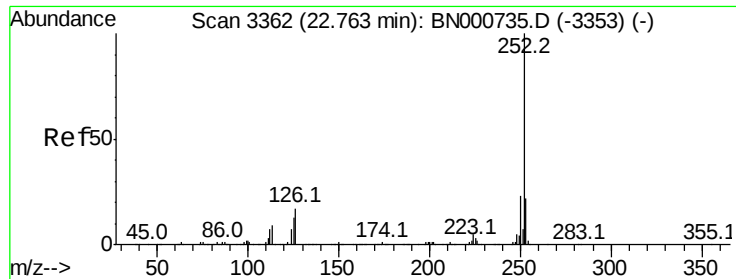
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.40 min Scan# 3470
 Delta R.T. -0.01 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Tgt Ion:264 Resp: 556243
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 21.2 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: 7.731 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

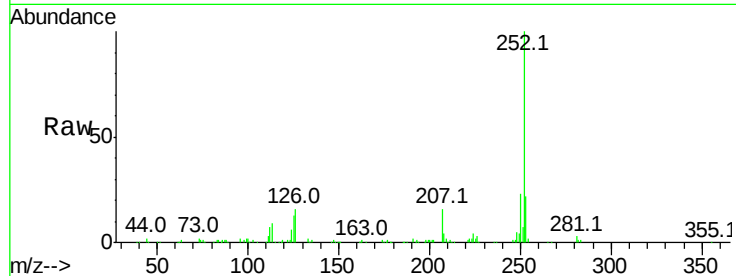
Tot Ion:252 Resp: 261277

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

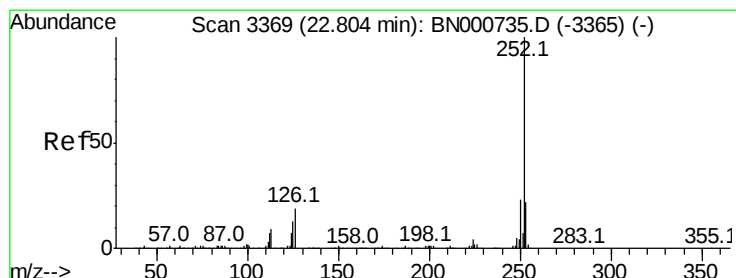
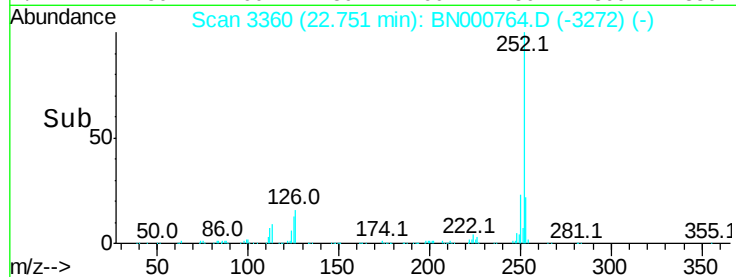
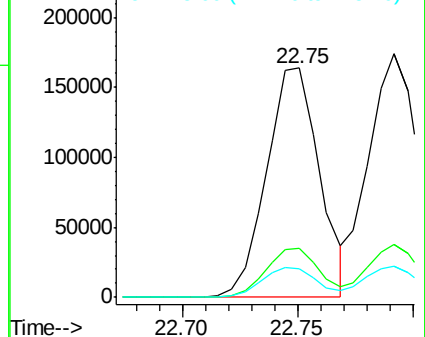
125 12.7 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 8.083 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

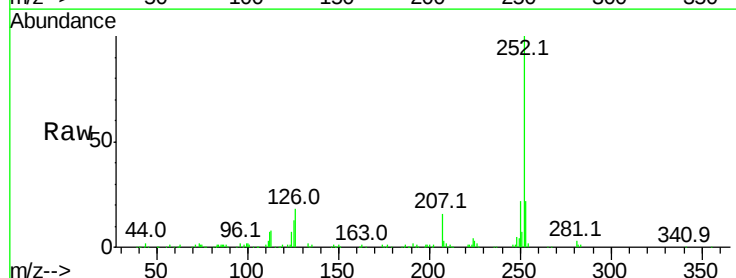
Tgt Ion:252 Resp: 272091

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

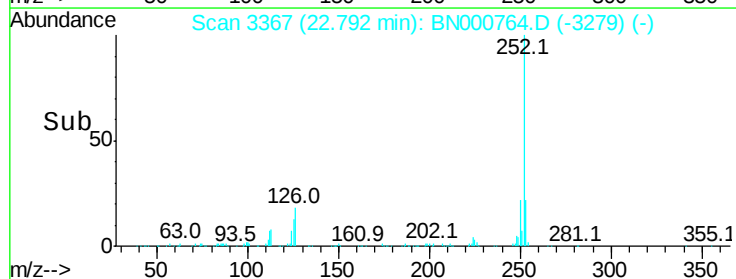
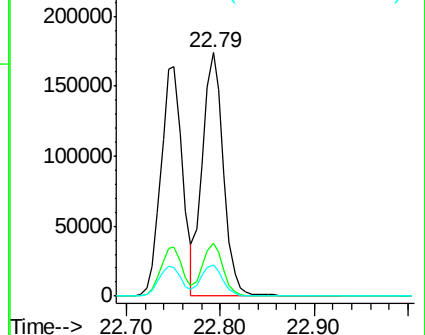
125 12.7 6.6 9.8#

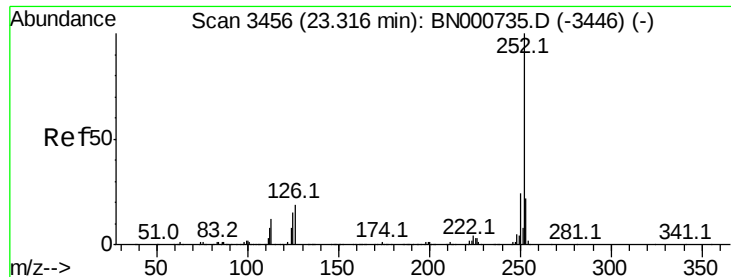


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 7.484 ng

RT: 23.30 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BN000764.D

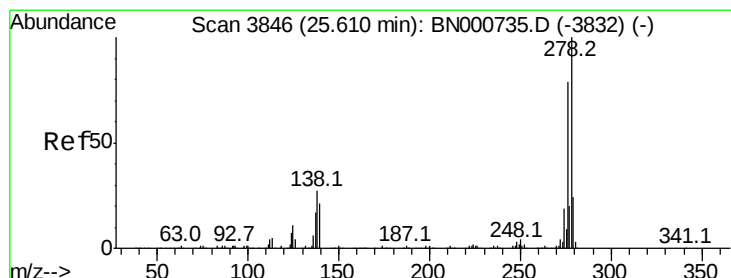
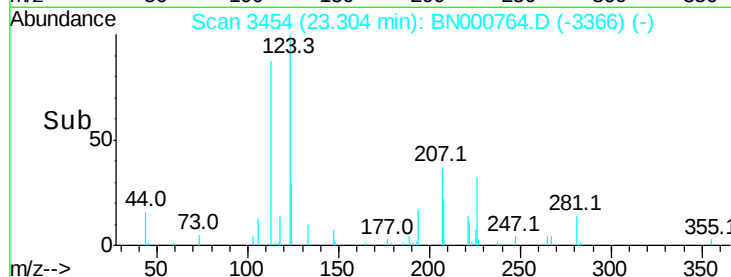
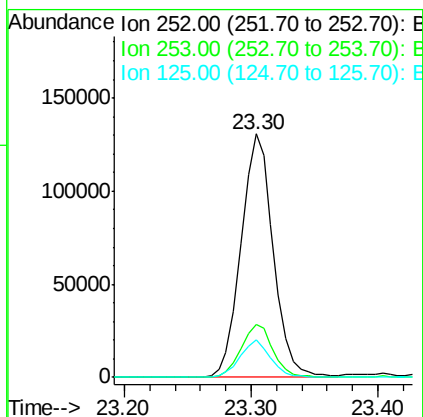
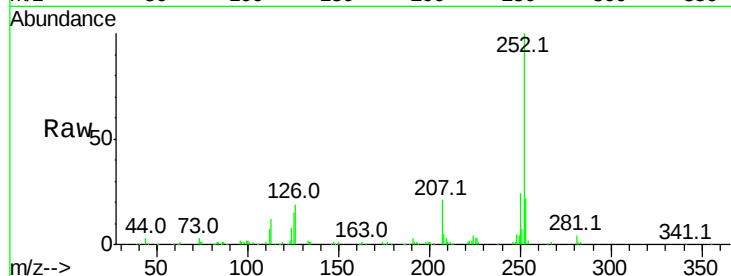
Acq: 19 Apr 2018 05:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	230809
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.3	27.5
125	15.5	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 7.086 ng

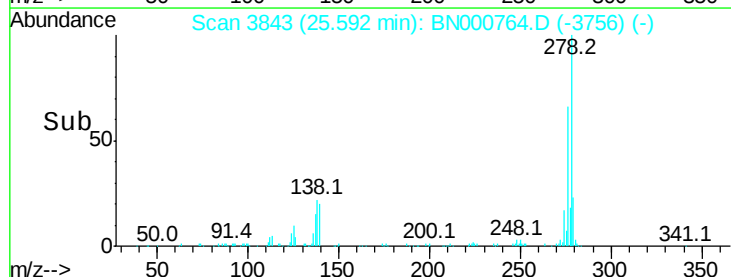
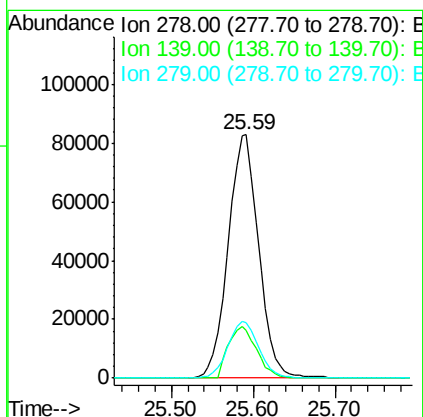
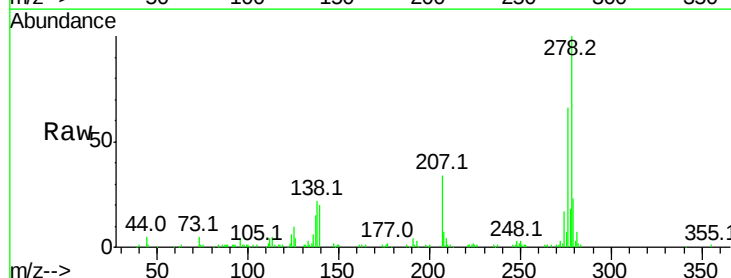
RT: 25.59 min Scan# 3843

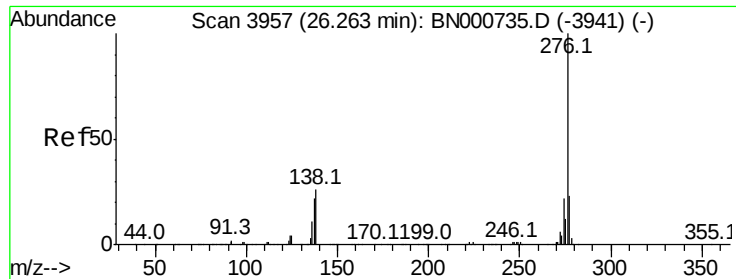
Delta R.T. -0.02 min

Lab File: BN000764.D

Acq: 19 Apr 2018 05:28

Tgt Ion:	278	Resp:	215344
Ion Ratio	Lower	Upper	
278	100		
139	19.5	9.8	14.6#
279	22.8	18.4	27.6

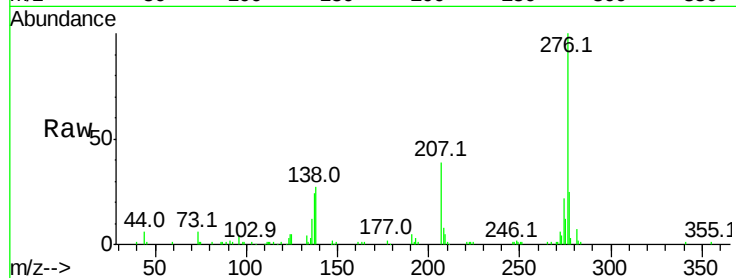




#91
 Benzo(a,h,i)perylene
 Concen: 6.931 ng
 RT: 26.23 min Scan# 3952
 Delta R.T. -0.03 min
 Lab File: BN000764.D
 Acq: 19 Apr 2018 05:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	26.6	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

