

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000092.D
 Acq On : 15 Feb 2018 12:23
 Operator : JU/SJ
 Sample : J1161-01
 Misc : 8 PPM LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 03:50:01 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	258398	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1318929	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	813189	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	1853077	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2211469	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2429718	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	2050644	129.34	ng	-0.01
7) Phenol-d6	7.58	99	3067112	127.71	ng	-0.01
23) Nitrobenzene-d5	9.64	82	2118539	95.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1027390	127.64	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	5531358	95.87	ng	-0.01
78) Terphenyl-d14	20.35	244	7712114	94.16	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	46231	7.25	ng	99
3) Pyridine	4.12	79	129334	6.51	ng	96
4) n-Nitrosodimethylamine	4.01	42	38717	6.89	ng	92
6) Aniline	7.76	93	226101	6.83	ng	88
8) 2-Chlorophenol	8.01	128	132797	7.16	ng	92
9) Benzaldehyde	7.58	77	74181	4.96	ng	96
10) Phenol	7.61	94	183520	7.24	ng	91
11) bis(2-Chloroethyl)ether	7.86	93	149407	7.17	ng	# 82
12) 1,3-Dichlorobenzene	8.35	146	154550	7.34	ng	99
13) 1,4-Dichlorobenzene	8.50	146	157656	7.33	ng	97
14) 1,2-Dichlorobenzene	8.82	146	155378	7.34	ng	95
15) Benzyl Alcohol	8.69	79	103414	5.99	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.99	45	157446	7.13	ng	79
17) 2-Methylphenol	8.89	107	117297	6.51	ng	94
18) Hexachloroethane	9.57	117	49532	6.61	ng	# 78
19) n-Nitroso-di-n-propylamine	9.26	70	97009	6.03	ng	# 83
20) 3+4-Methylphenols	9.22	107	157512	6.25	ng	93
22) Acetophenone	9.29	105	250654	6.78	ng	# 87
24) Nitrobenzene	9.68	77	184898	7.62	ng	# 92
25) Isophorone	10.20	82	270163	5.89	ng	97
26) 2-Nitrophenol	10.40	139	43954	10.95	ng	92
27) 2,4-Dimethylphenol	10.44	122	117172	5.89	ng	96
28) bis(2-Chloroethoxy)methane	10.68	93	198083	6.74	ng	98
29) 2,4-Dichlorophenol	10.93	162	101445	5.51	ng	95
30) 1,2,4-Trichlorobenzene	11.16	180	148256	7.00	ng	99
31) Naphthalene	11.35	128	527860	7.30	ng	98
32) Benzoic acid	10.48	122	34182	12.35	ng	# 78
33) 4-Chloroaniline	11.45	127	196799	6.20	ng	95
34) Hexachlorobutadiene	11.63	225	77936	7.09	ng	98
35) Caprolactam	12.17	113	32518	7.72	ng	93
36) 4-Chloro-3-methylphenol	12.53	107	126071	5.40	ng	99
37) 2-Methylnaphthalene	12.93	142	357083	7.10	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	164387	6.85	ng	# 95
40) Hexachlorocyclopentadiene	13.26	237	55026	5.50	ng	98

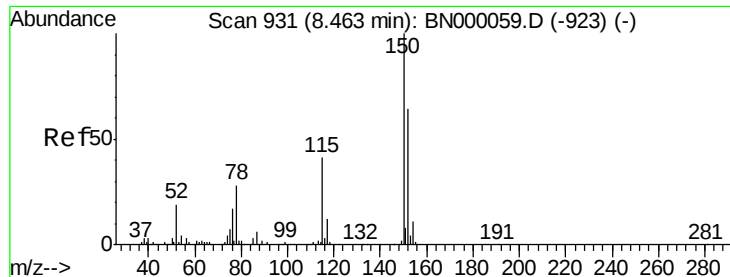
Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000092.D
 Acq On : 15 Feb 2018 12:23
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	70651	4.91	nq	93
43) 2,4,5-Trichlorophenol	13.58	196	89180	5.16	nq	# 94
45) 1,1'-Biphenyl	13.91	154	524558	7.32	nq	98
46) 2-Chloronaphthalene	13.96	162	382842	7.12	nq	100
47) 2-Nitroaniline	14.15	65	63971	8.52	nq	# 85
48) Acenaphthylene	14.80	152	578714	6.68	nq	96
49) Dimethylphthalate	14.51	163	460749	6.78	nq	99
50) 2,6-Dinitrotoluene	14.63	165	69825	4.98	nq	90
51) Acenaphthene	15.13	154	402030	7.13	nq	98
52) 3-Nitroaniline	14.96	138	89450	5.24	nq	# 91
53) 2,4-Dinitrophenol	15.16	184	16866	12.23	nq	# 29
54) Dibenzofuran	15.46	168	595496	7.46	nq	95
55) 4-Nitrophenol	15.23	139	53499	8.57	nq	88
56) 2,4-Dinitrotoluene	15.40	165	87266	8.15	nq	# 95
57) Fluorene	16.10	166	481452	7.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.59	232	66940	4.90	nq	91
59) Diethylphthalate	15.85	149	451794	6.54	nq	97
60) 4-Chlorophenyl-phenylether	16.09	204	219168	7.38	nq	94
61) 4-Nitroaniline	16.10	138	94116	5.37	nq	89
62) Azobenzene	16.38	77	458125	6.66	nq	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	32033	11.70	nq	88
65) n-Nitrosodiphenylamine	16.30	169	403750	6.70	nq	96
66) 4-Bromophenyl-phenylether	16.97	248	116332	6.60	nq	# 81
67) Hexachlorobenzene	17.09	284	143600	6.98	nq	# 86
68) Atrazine	17.22	200	102066	5.20	nq	97
69) Pentachlorophenol	17.43	266	55804	9.48	nq	96
70) Phenanthrene	17.83	178	809008	7.39	nq	100
71) Anthracene	17.92	178	728216	6.87	nq	98
72) Carbazole	18.18	167	750316	7.03	nq	97
73) Di-n-butylphthalate	18.72	149	639836	5.43	nq	97
74) Fluoranthene	19.81	202	833587	7.26	nq	95
76) Benzidine	19.97	184	196120	2.78	nq	97
77) Pyrene	20.17	202	945357	6.73	nq	100
79) Butylbenzylphthalate	21.02	149	246440	8.66	nq	# 93
80) Benzo(a)anthracene	21.89	228	966957	7.11	nq	97
81) 3,3'-Dichlorobenzidine	21.81	252	274276	5.49	nq	# 98
82) Chrysene	21.95	228	1014809	7.49	nq	98
83) Bis(2-ethylhexyl)phthalate	21.79	149	424667	6.94	nq	# 94
84) Di-n-octyl phthalate	22.74	149	604335	9.49	nq	97
85) Indeno(1,2,3-cd)pyrene	26.94	276	1210994	7.28	nq	# 87
87) Benzo(b)fluoranthene	23.63	252	1005784	7.07	nq	# 95
88) Benzo(k)fluoranthene	23.68	252	1010321	7.05	nq	# 96
89) Benzo(a)pyrene	24.28	252	922276	6.76	nq	# 94
90) Dibenzo(a,h)anthracene	26.96	278	1024345	7.18	nq	# 91
91) Benzo(g,h,i)perylene	27.73	276	1003782	6.96	nq	# 88

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

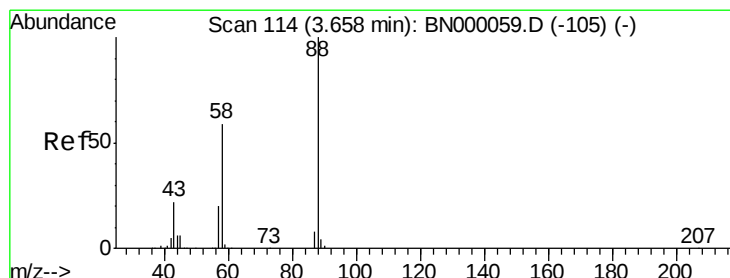
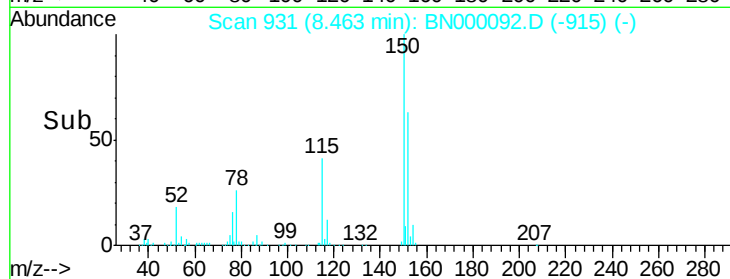
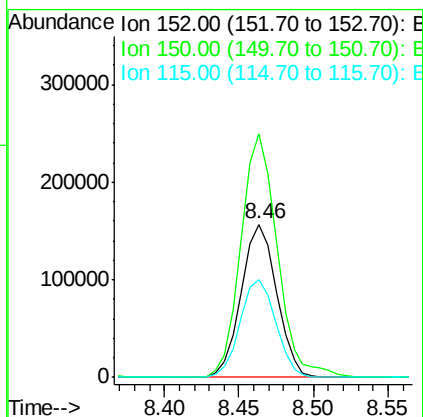
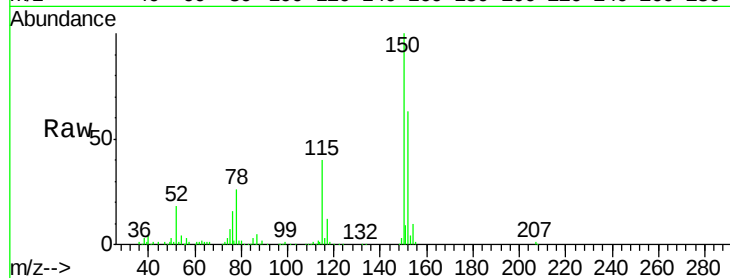


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

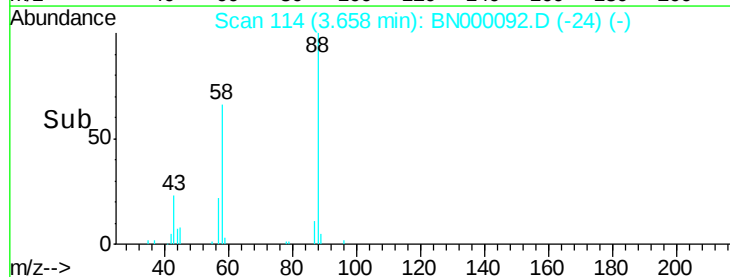
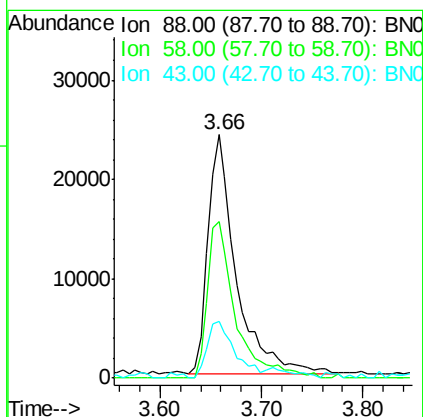
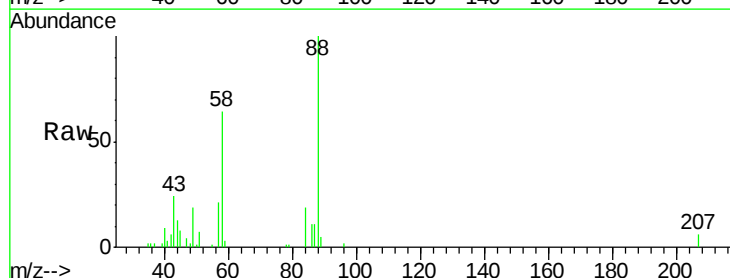
Tot Ion	152	Resp	258398
Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	64.1	53.0	79.4

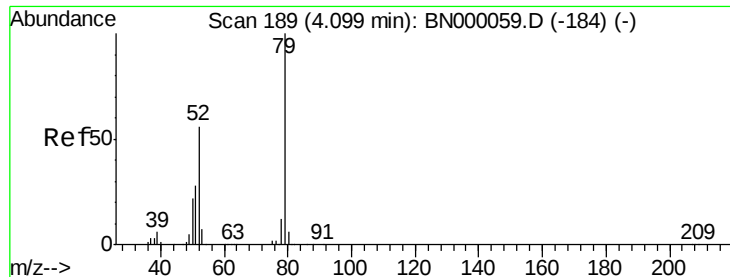


#2

1,4-Dioxane
Concen: 7.25 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	88	Resp	46231
Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.0	78.0
43	23.8	20.0	30.0





#3

Pvridine

Concen: 6.51 ng

RT: 4.12 min Scan# 192

Delta R.T. 0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

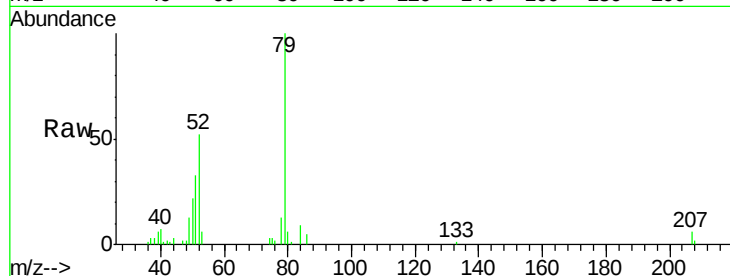
Tot Ion: 79 Resp: 129334

Ion Ratio Lower Upper

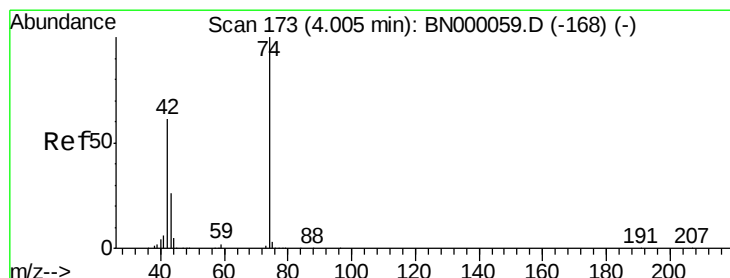
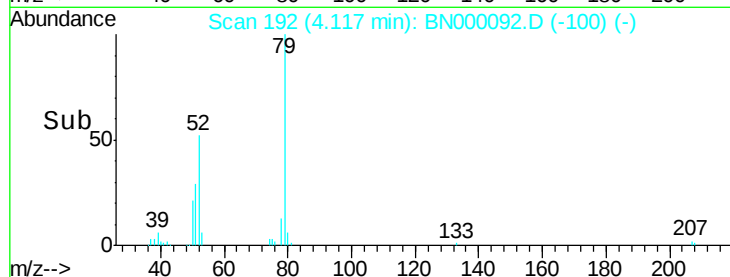
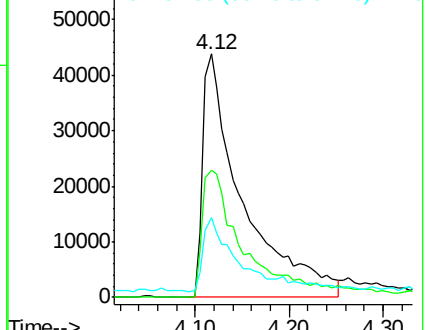
79 100

52 52.0 44.0 66.0

51 32.6 24.0 36.0



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



#4

n-Nitrosodimethylamine

Concen: 6.89 ng

RT: 4.01 min Scan# 174

Delta R.T. 0.00 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

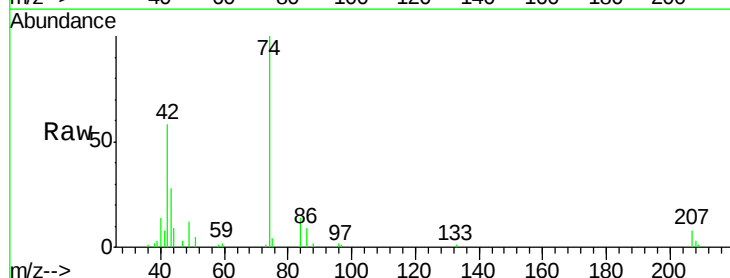
Tgt Ion: 42 Resp: 38717

Ion Ratio Lower Upper

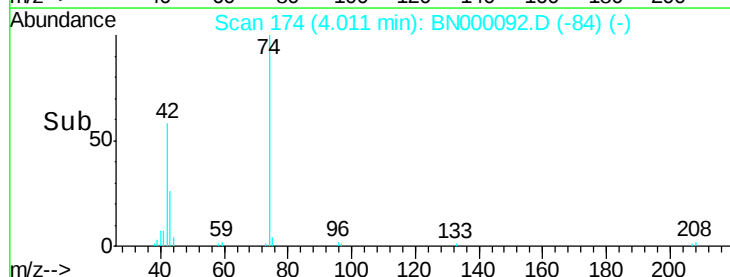
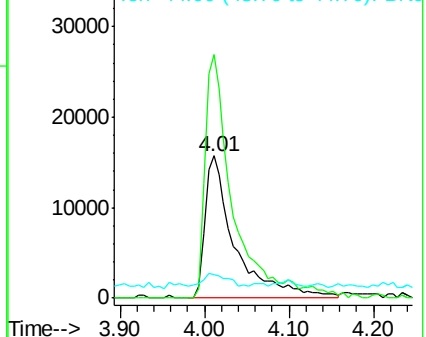
42 100

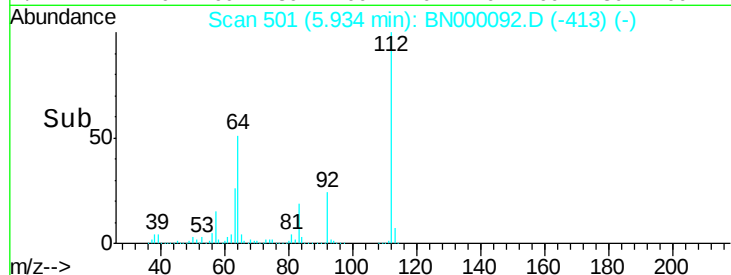
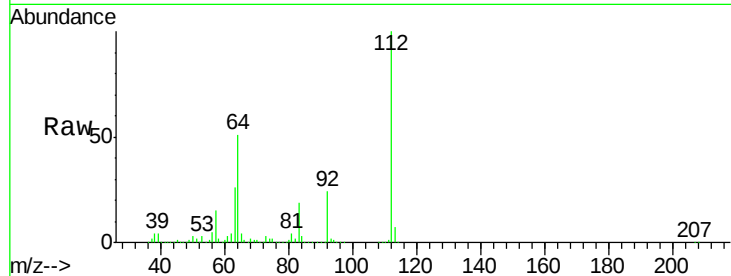
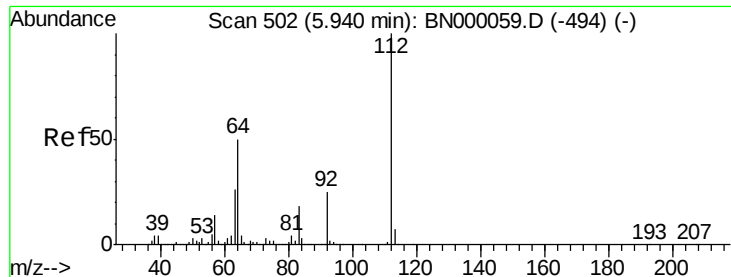
74 171.6 128.0 192.0

44 16.2 12.0 18.0



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





#5

2-Fluorophenol

Concen: 129.34 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

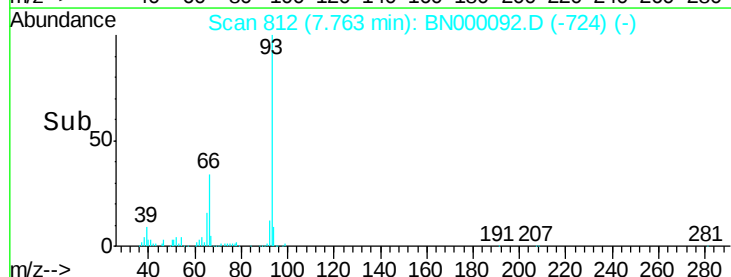
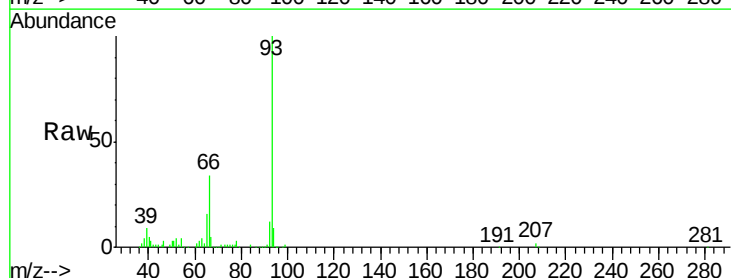
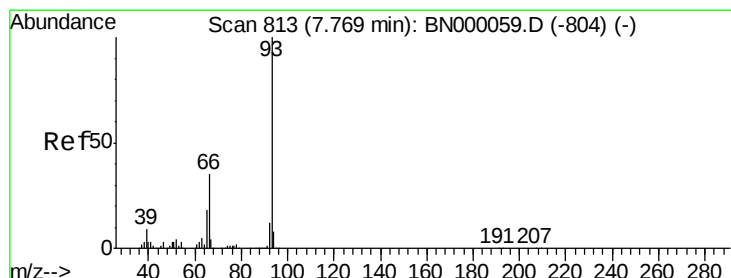
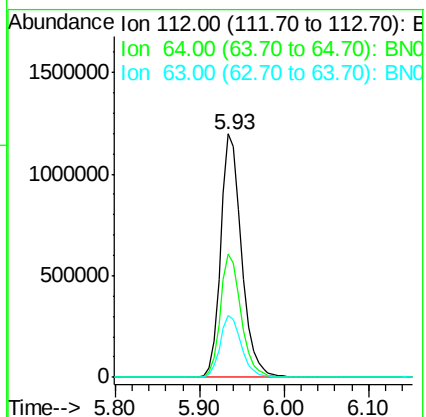
Tot Ion:112 Resp: 2050644

Ion Ratio Lower Upper

112 100

64 50.9 56.3 84.5#

63 25.6 30.1 45.1#



#6

Aniline

Concen: 6.83 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

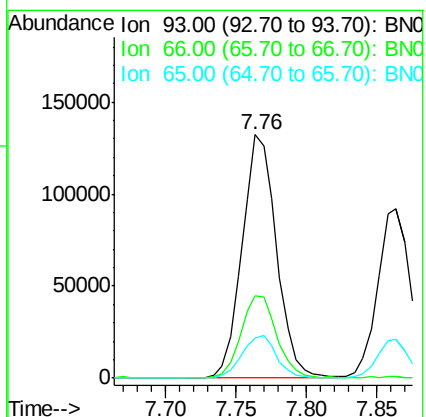
Tgt Ion: 93 Resp: 226101

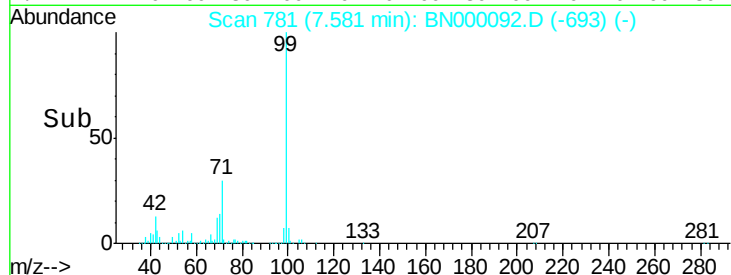
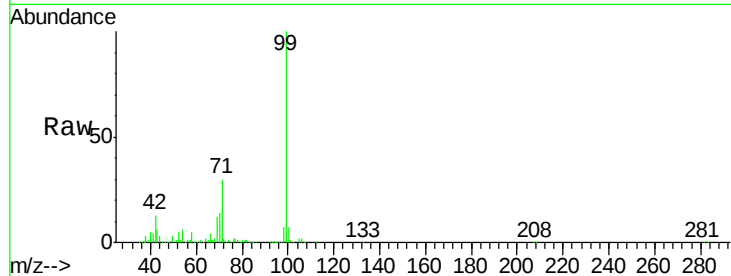
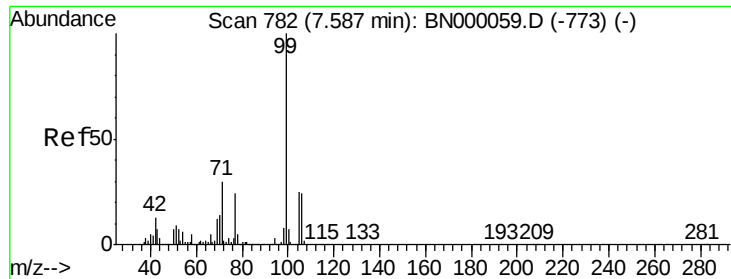
Ion Ratio Lower Upper

93 100

66 33.8 33.7 50.5

65 16.3 16.1 24.1





#7

Phenol-d6

Concen: 127.71 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

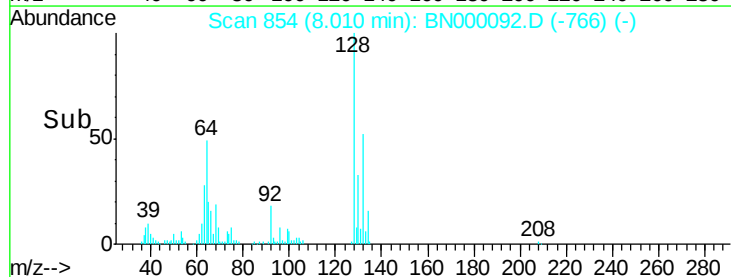
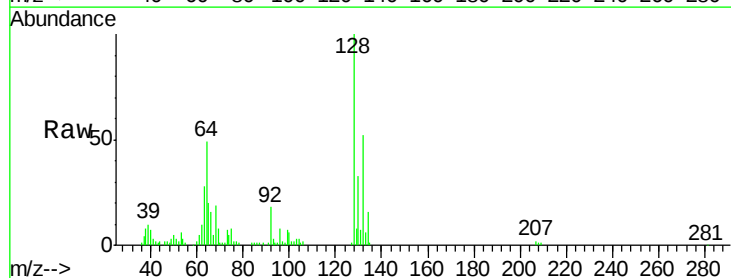
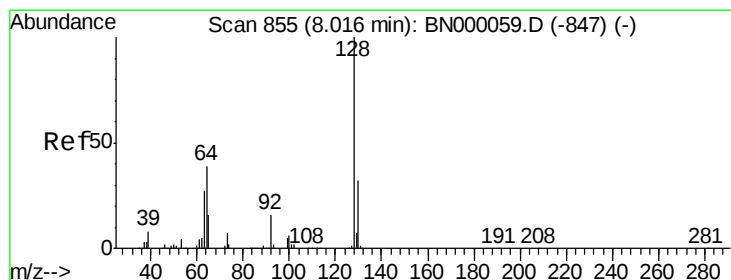
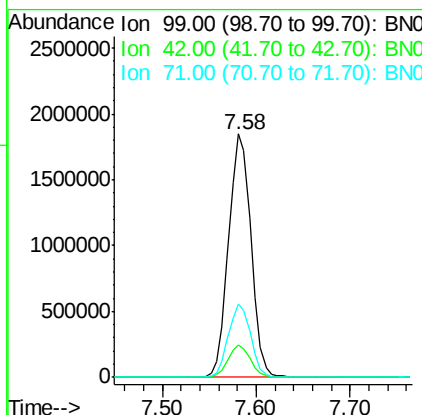
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 3067112

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.1	21.1#
71	30.2	26.1	39.1



#8

2-Chlorophenol

Concen: 7.16 ng

RT: 8.01 min Scan# 854

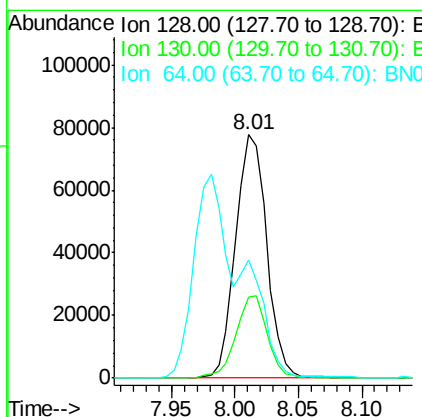
Delta R.T. -0.01 min

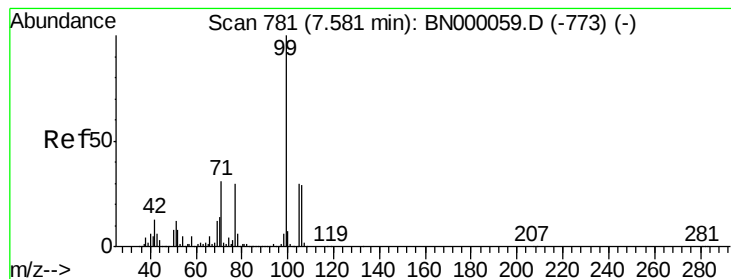
Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Tgt Ion:128 Resp: 132797

Ion	Ratio	Lower	Upper
128	100		
130	33.5	14.0	54.0
64	48.7	37.7	77.7





#9

Benzaldehyde

Concen: 4.96 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampled :

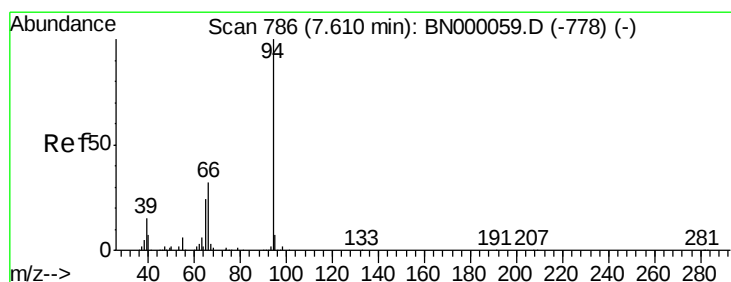
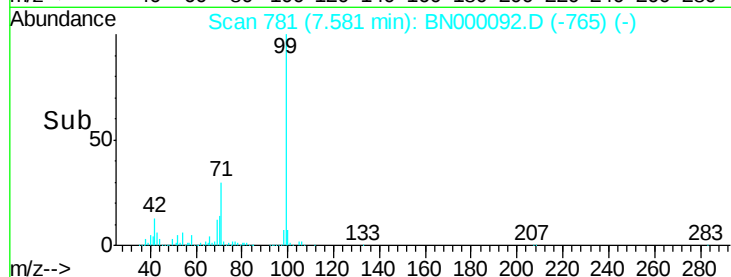
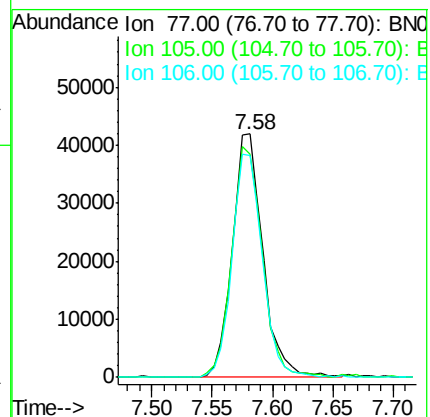
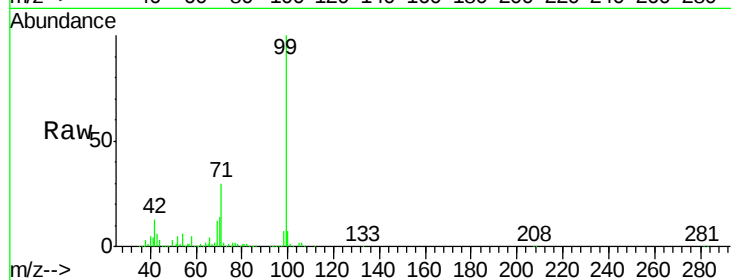
Tot Ion: 77 Resp: 74181

Ion Ratio Lower Upper

77 100

105 91.5 71.3 111.3

106 91.4 64.2 104.2



#10

Phenol

Concen: 7.24 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

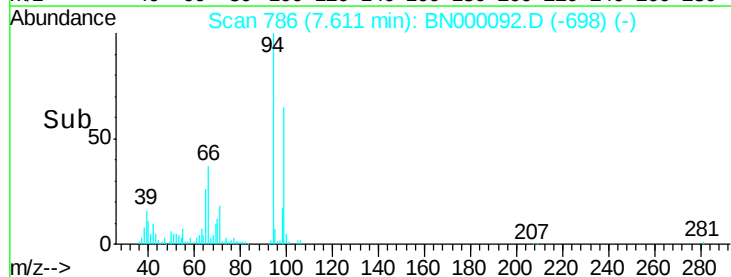
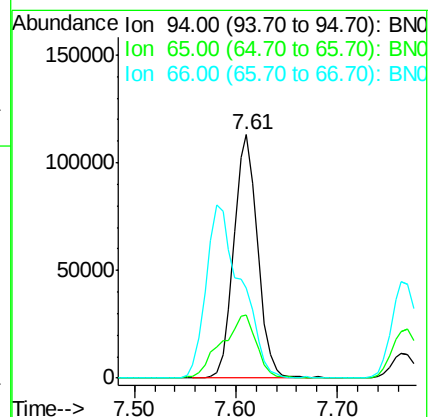
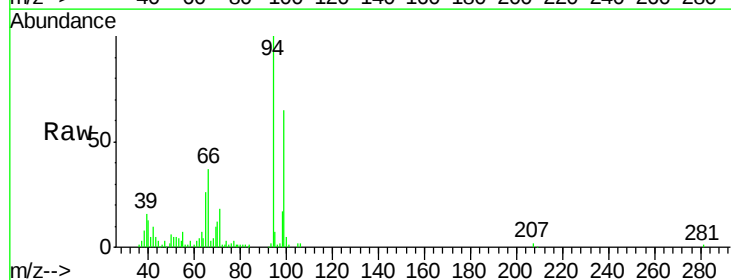
Tgt Ion: 94 Resp: 183520

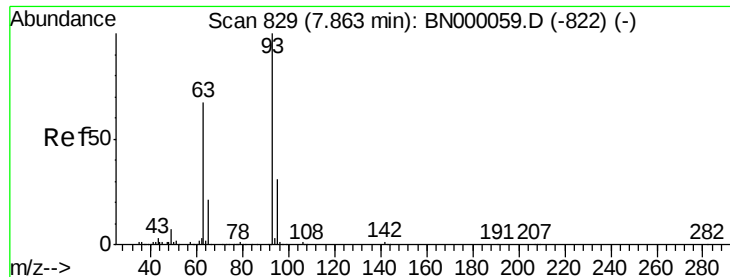
Ion Ratio Lower Upper

94 100

65 25.7 11.9 51.9

66 37.1 22.2 62.2

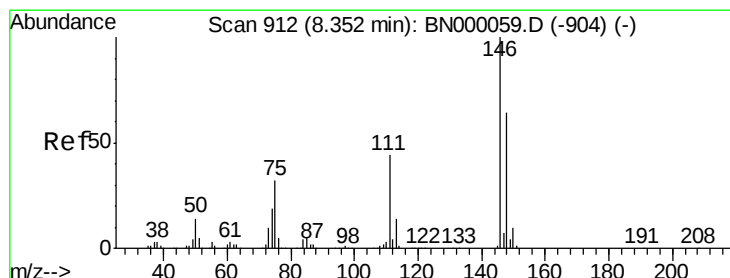
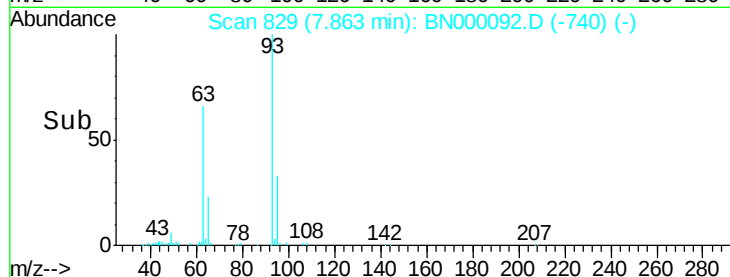
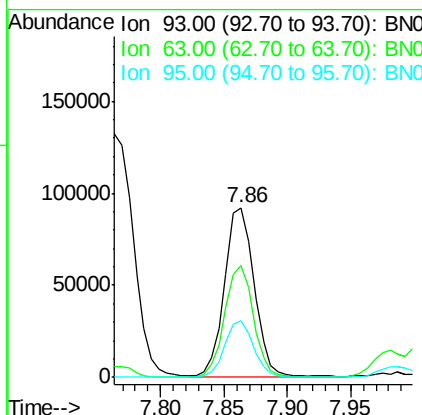
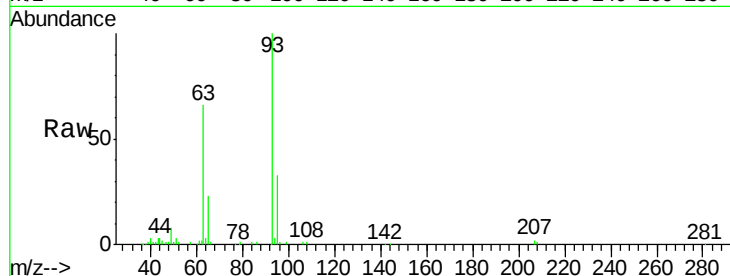




#11
bis(2-Chloroethyl)ether
Concen: 7.17 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

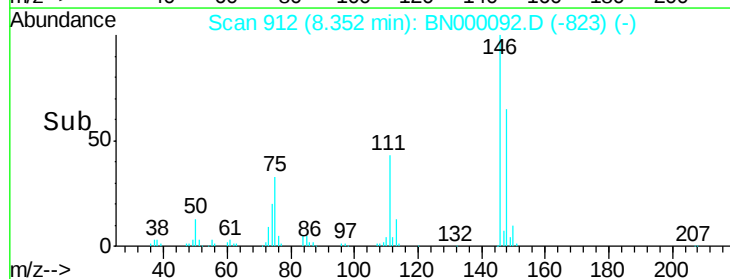
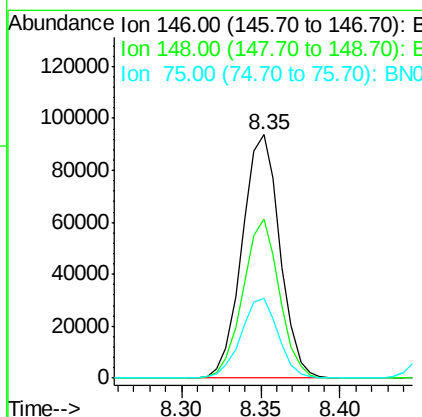
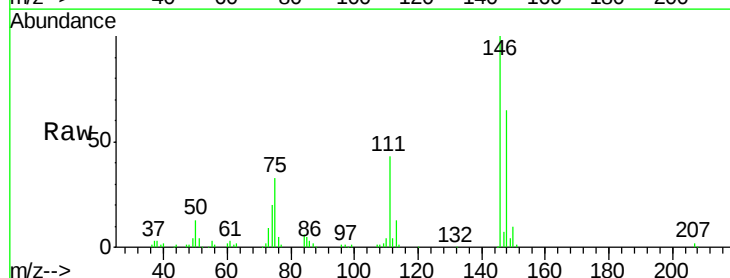
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.8	67.1	107.1#
95	33.2	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 7.34 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
75	32.5	26.6	39.8

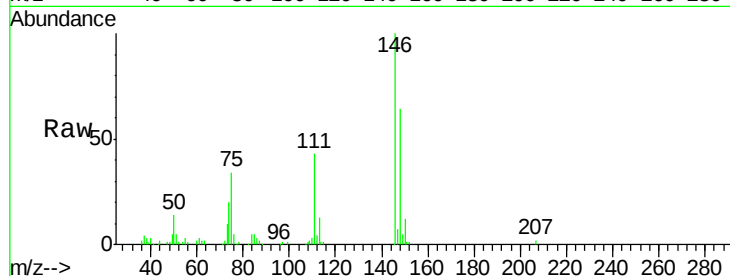




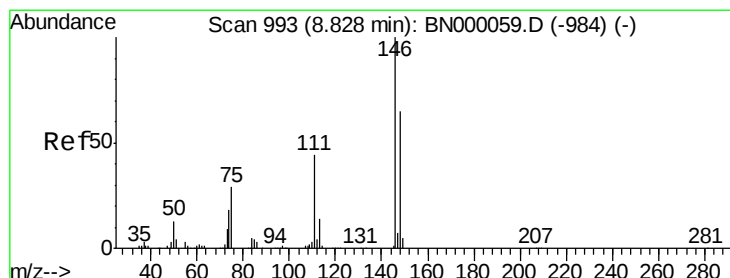
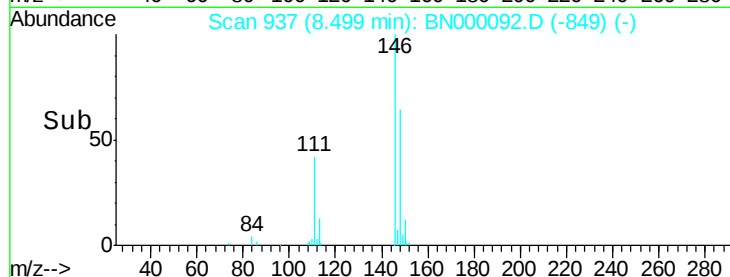
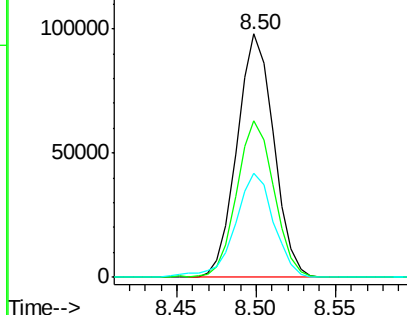
#13
 1,4-Dichlorobenzene
 Concen: 7.33 ng
 RT: 8.50 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.7	80.5
111	42.6	35.2	52.8

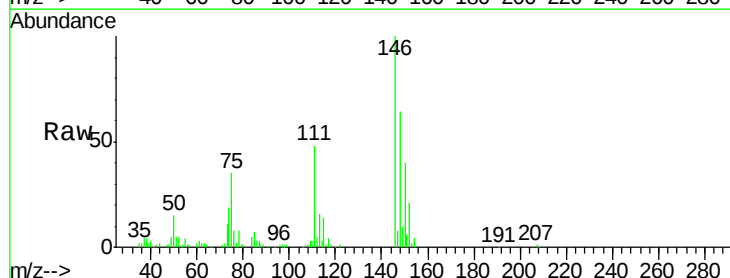


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

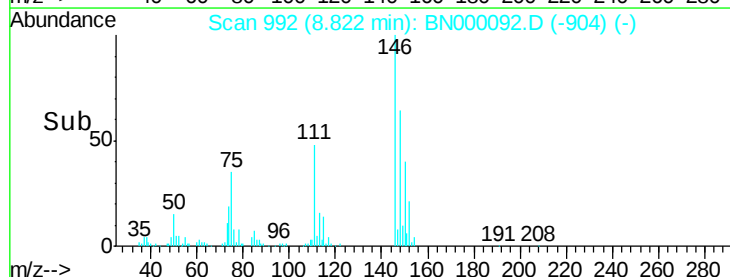
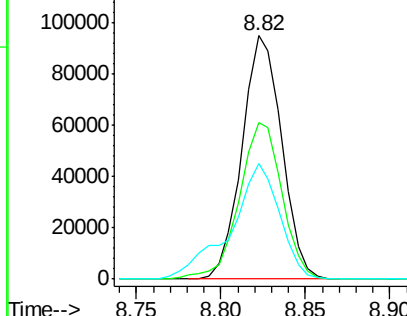


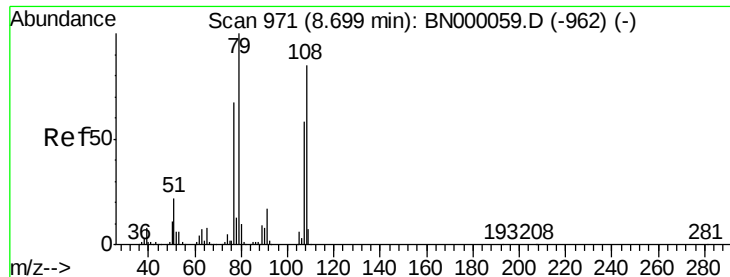
#14
 1,2-Dichlorobenzene
 Concen: 7.34 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.3	73.9
111	47.7	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: 5.99 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

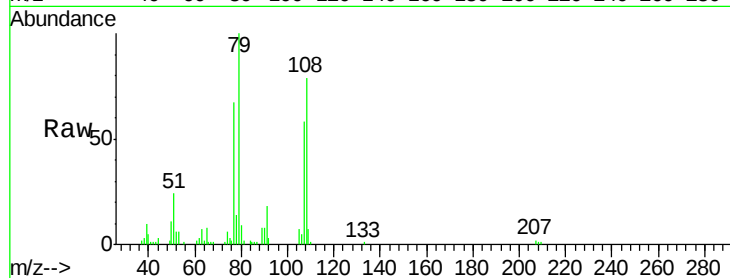
Tot Ion: 79 Resp: 103414

Ion Ratio Lower Upper

79 100

108 78.6 57.2 85.8

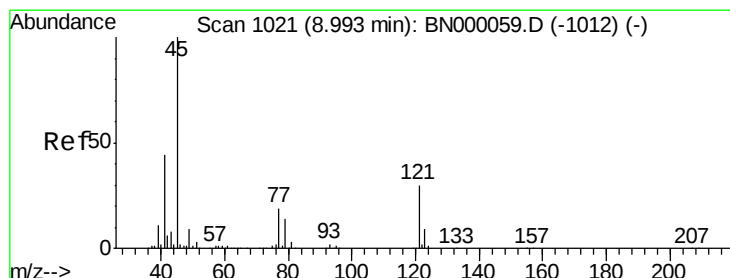
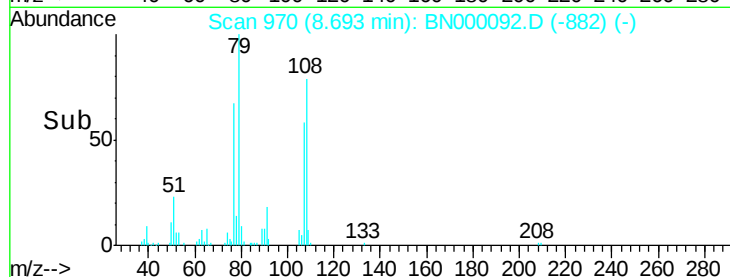
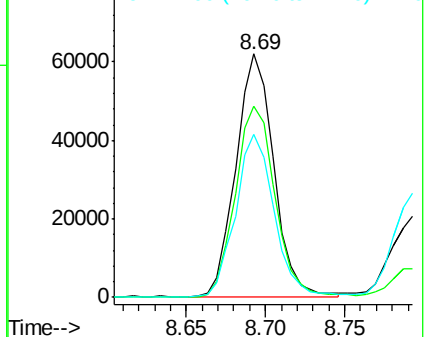
77 66.7 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.13 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

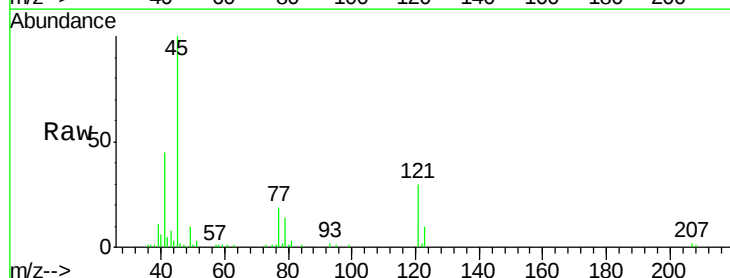
Tgt Ion: 45 Resp: 157446

Ion Ratio Lower Upper

45 100

77 19.0 0.0 30.2

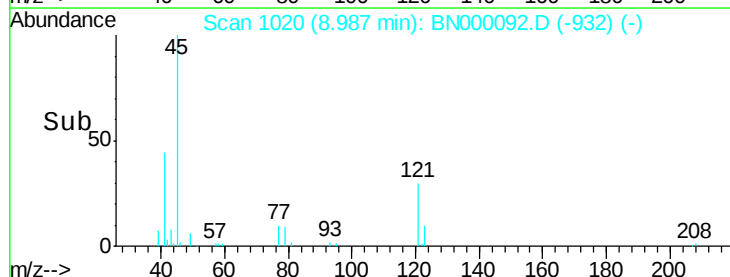
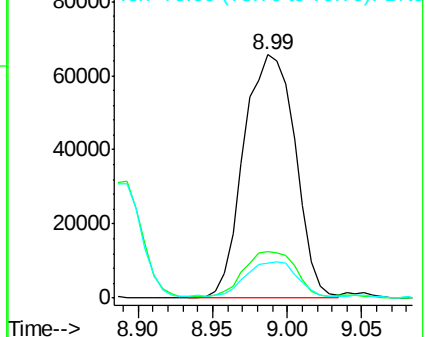
79 14.3 0.0 27.9

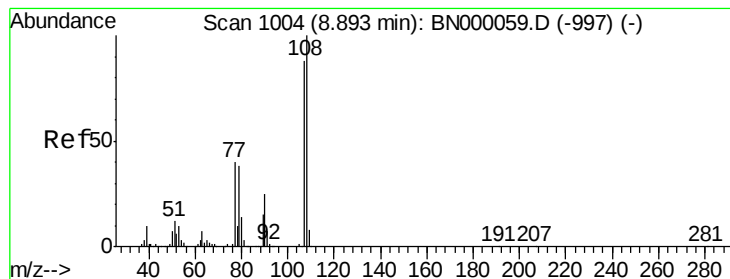


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

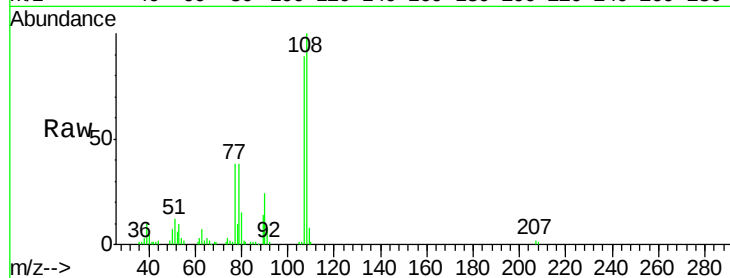




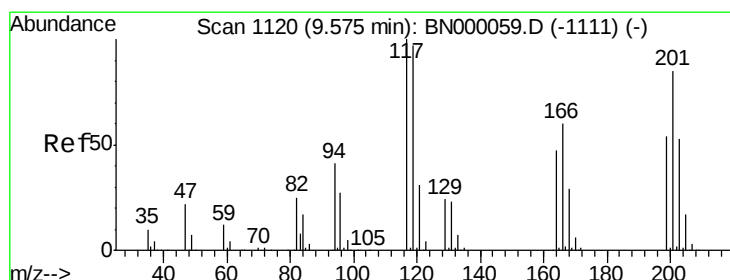
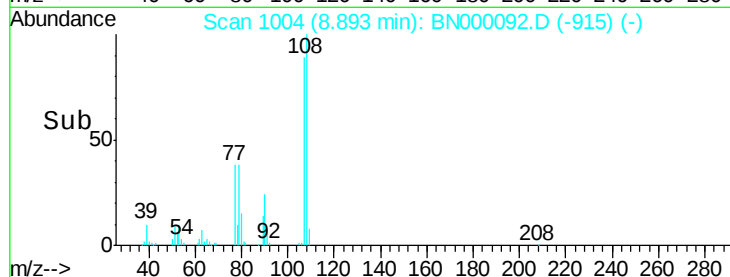
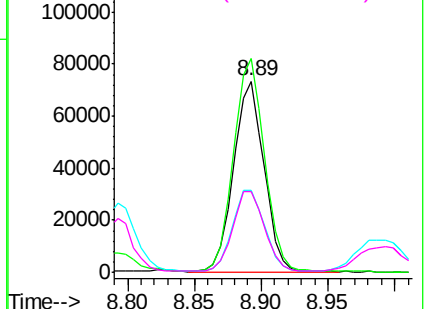
#17
2-Methylphenol
Concen: 6.51 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	107	Resp:	117297
Ion	Ratio	Lower	Upper
107	100		
108	111.9	83.9	125.9
77	42.8	37.2	55.8
79	42.2	36.2	54.2

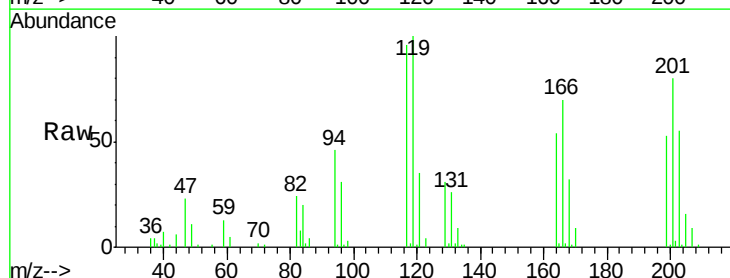


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

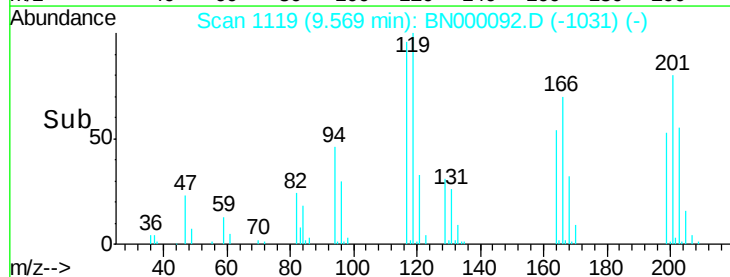
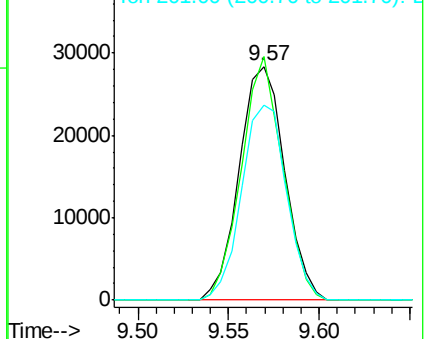


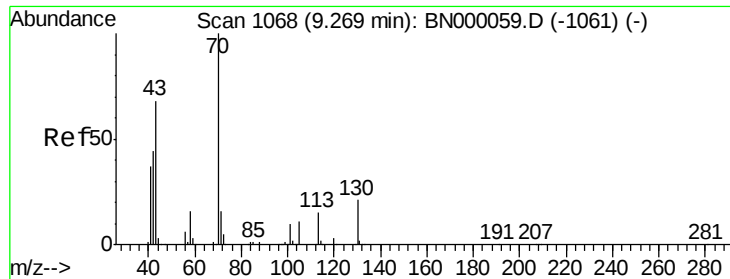
#18
Hexachloroethane
Concen: 6.61 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:	117	Resp:	49532
Ion	Ratio	Lower	Upper
117	100		
119	104.2	76.7	115.1
201	83.2	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

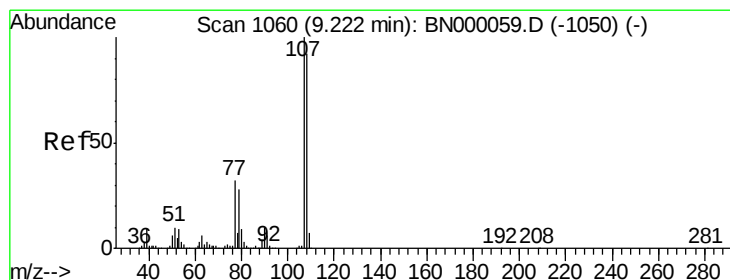
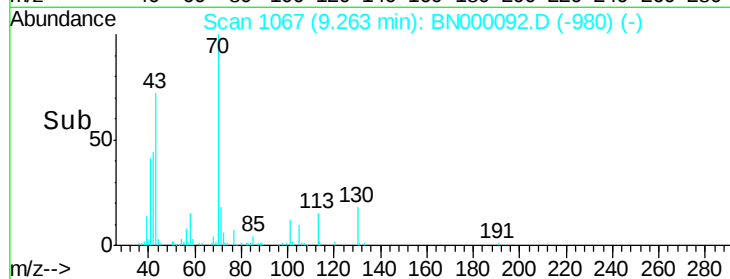
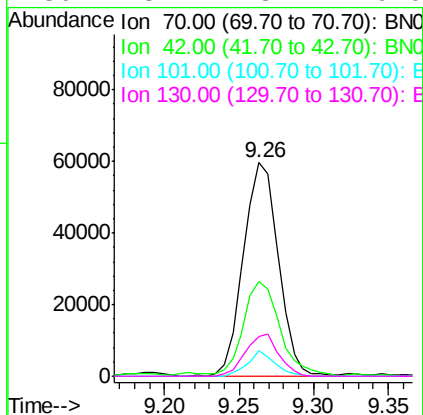
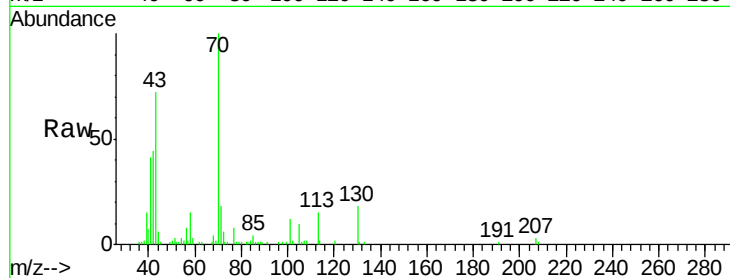




#19
n-Nitroso-di-n-propylamine
Concen: 6.03 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

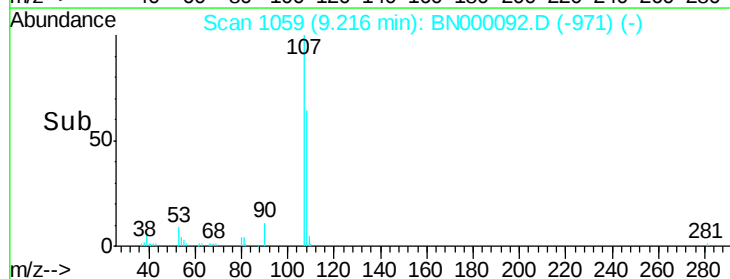
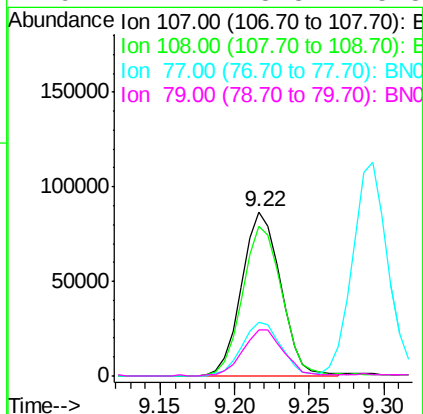
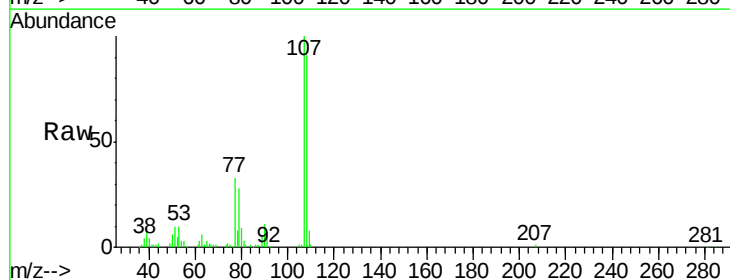
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.4	49.1	73.7#
101	11.9	8.5	12.7
130	18.4	13.4	20.0



#20
3+4-Methylphenols
Concen: 6.25 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	61.6	101.6
77	32.9	13.9	53.9
79	27.7	8.8	48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1318929

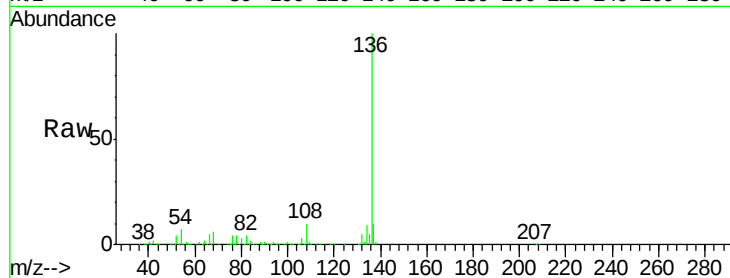
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	6.9	10.3	15.5#
68	6.1	4.5	6.7

136 100

137 10.2 9.2 13.8

54 6.9 10.3 15.5#

68 6.1 4.5 6.7

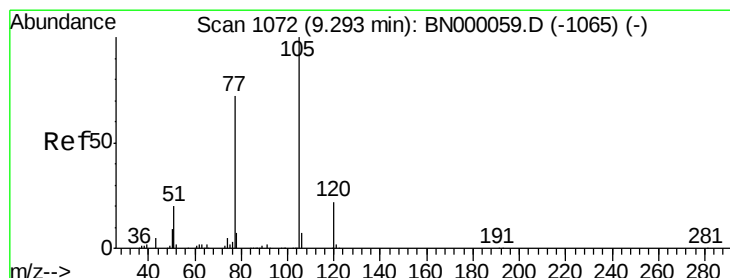
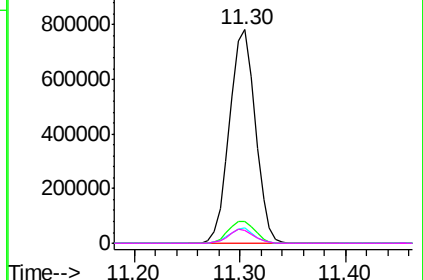
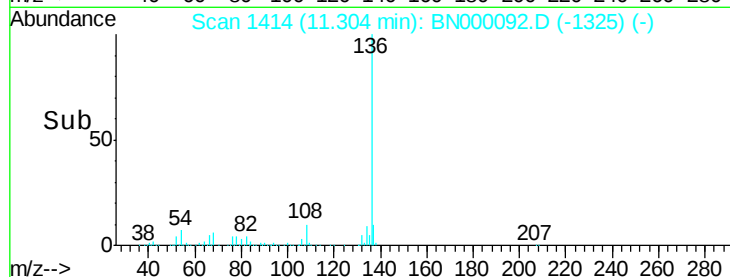


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.78 ng

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Tgt Ion:105 Resp: 250654

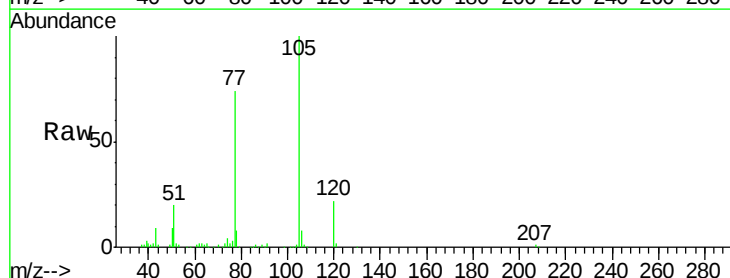
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	20.4	26.1	39.1#
120	22.4	17.4	26.2

105 100

71 0.0 3.0 4.4#

51 20.4 26.1 39.1#

120 22.4 17.4 26.2

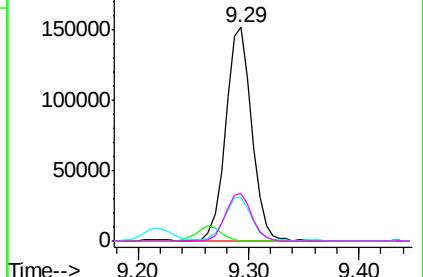
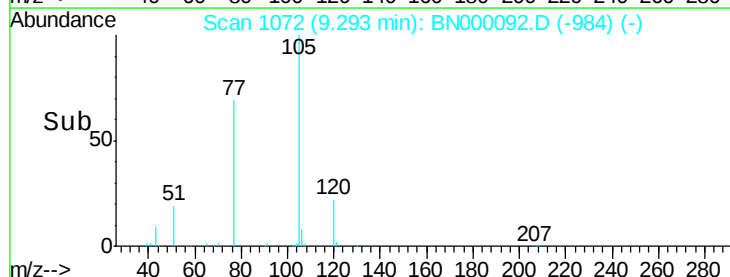


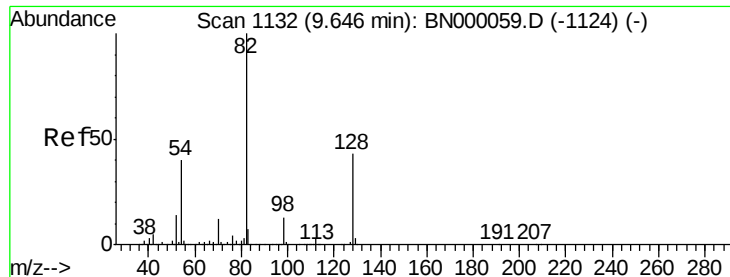
Abundance Ion 105.00 (104.70 to 105.70): E

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

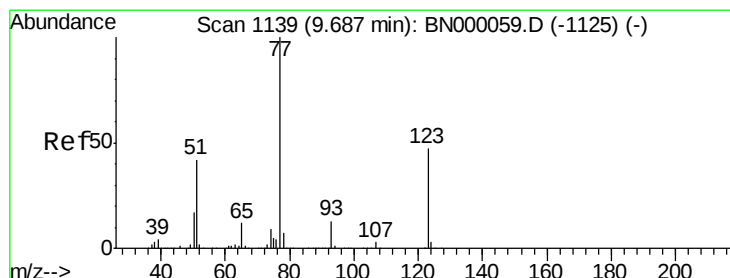
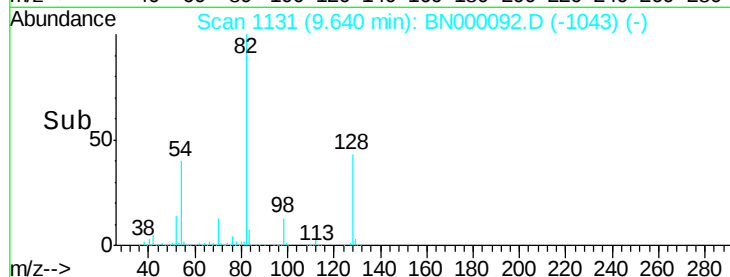
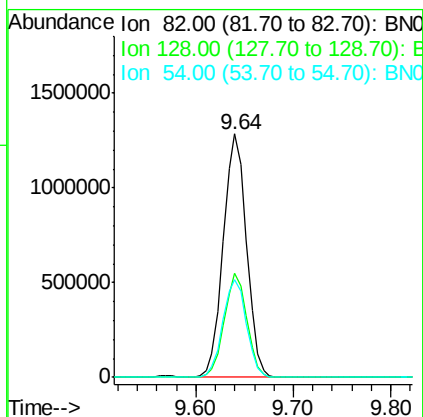
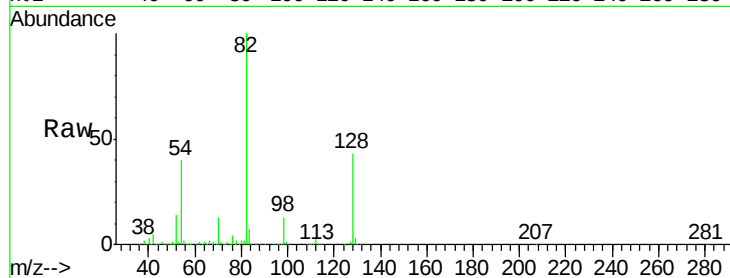




#23
 Nitrobenzene-d5
 Concen: 95.50 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

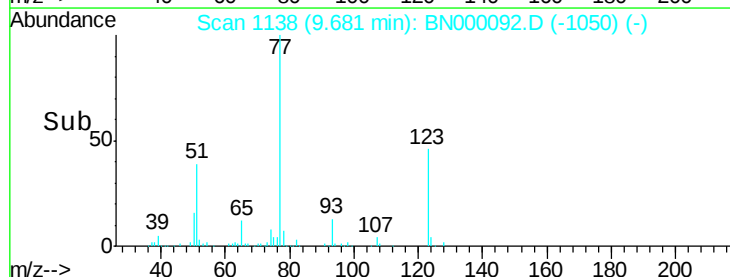
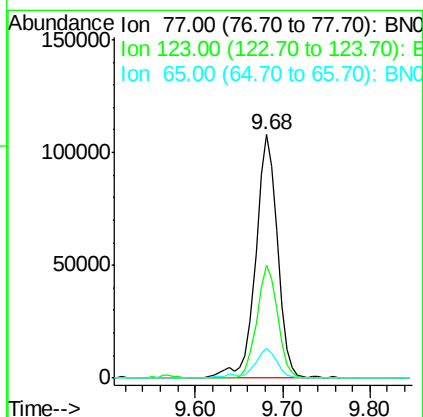
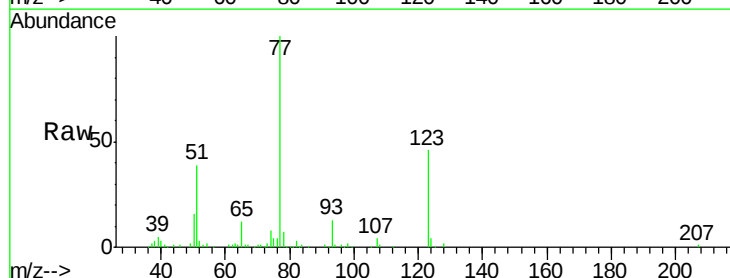
Instrument :
 BNA_N
 ClientSampleId :

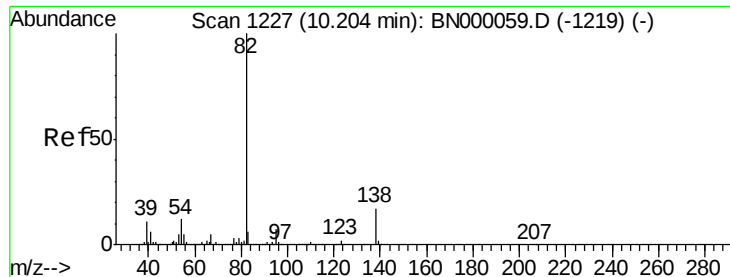
Tot Ion: 82 Resp: 2118539
 Ion Ratio Lower Upper
 82 100
 128 42.8 29.7 44.5
 54 40.4 43.1 64.7#



#24
 Nitrobenzene
 Concen: 7.62 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Tgt Ion: 77 Resp: 184898
 Ion Ratio Lower Upper
 77 100
 123 46.2 33.0 49.6
 65 12.2 13.0 19.6#





#25

Isophorone

Concen: 5.89 ng

RT: 10.20 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

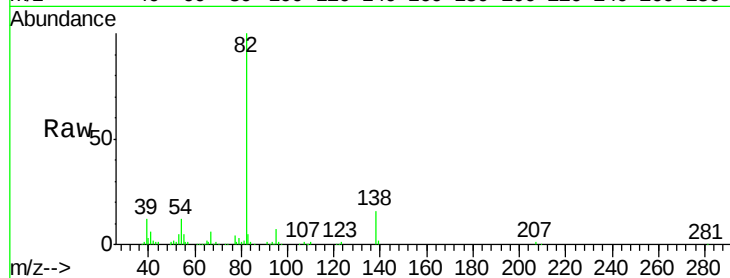
Tot Ion: 82 Resp: 270163

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

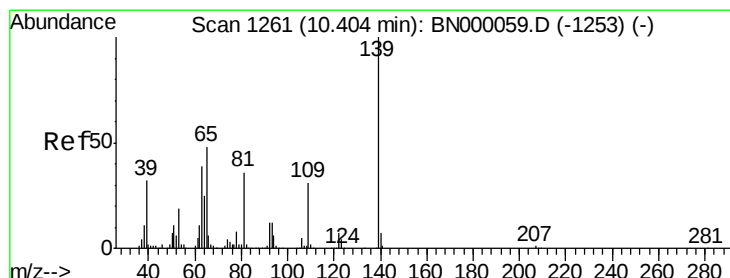
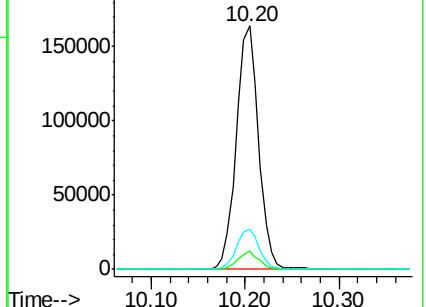
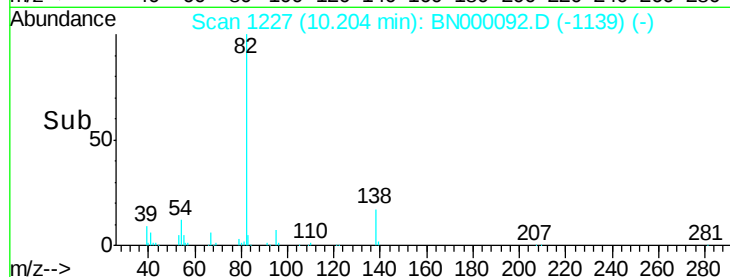
138 16.5 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000092.D (-1139) (-)

Ion 95.00 (94.70 to 95.70): BN000092.D (-1139) (-)

Ion 138.00 (137.70 to 138.70): BN000092.D (-1139) (-)



#26

2-Nitrophenol

Concen: 10.95 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

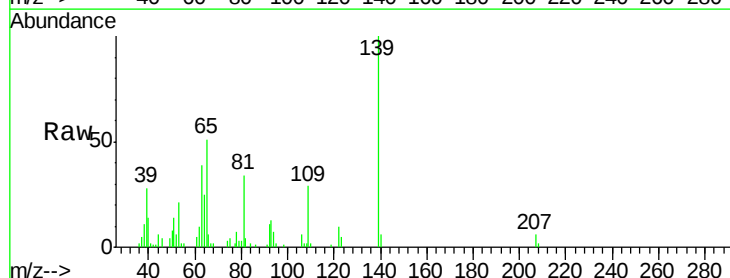
Tgt Ion: 139 Resp: 43954

Ion Ratio Lower Upper

139 100

109 28.7 24.2 36.2

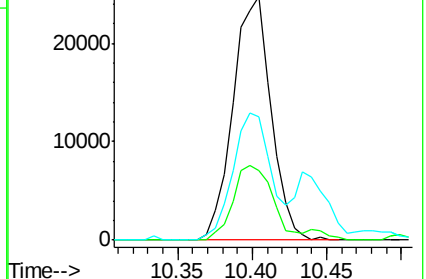
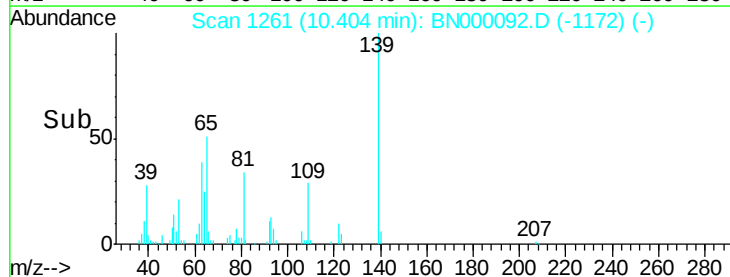
65 50.9 47.4 71.0

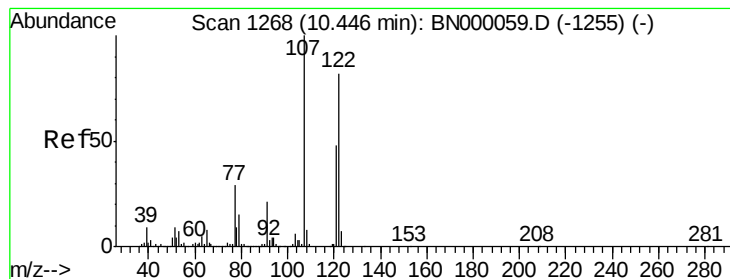


Abundance Ion 139.00 (138.70 to 139.70): BN000092.D (-1172) (-)

Ion 109.00 (108.70 to 109.70): BN000092.D (-1172) (-)

Ion 65.00 (64.70 to 65.70): BN000092.D (-1172) (-)





#27

2,4-Dimethylphenol

Concen: 5.89 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

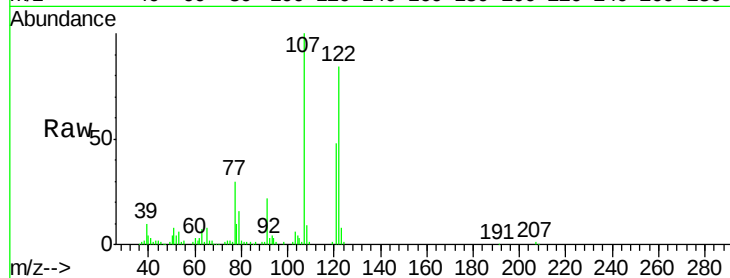
Tot Ion:122 Resp: 117172

Ion Ratio Lower Upper

122 100

107 119.6 100.2 150.2

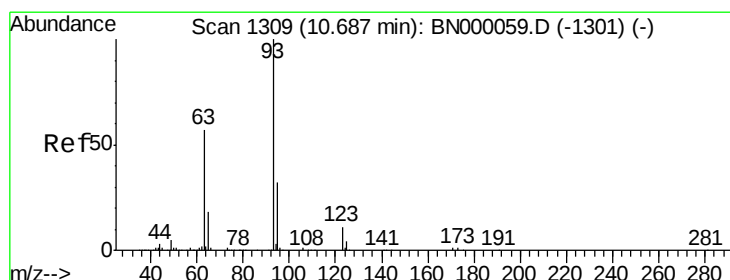
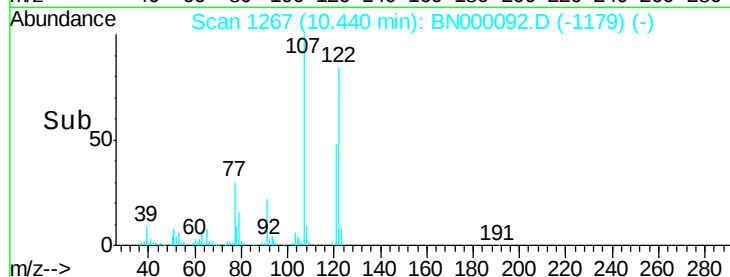
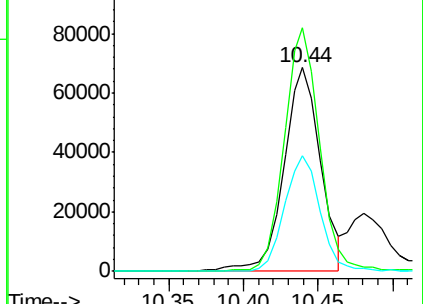
121 56.9 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 6.74 ng

RT: 10.68 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

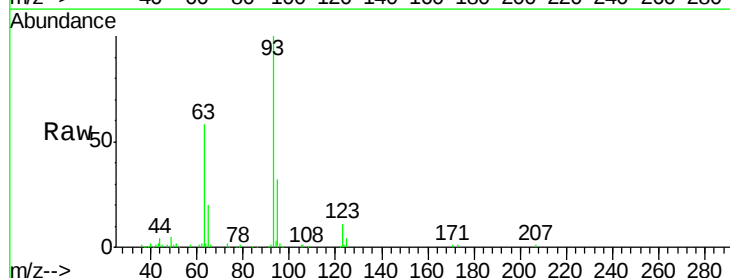
Tgt Ion: 93 Resp: 198083

Ion Ratio Lower Upper

93 100

95 31.9 24.3 36.5

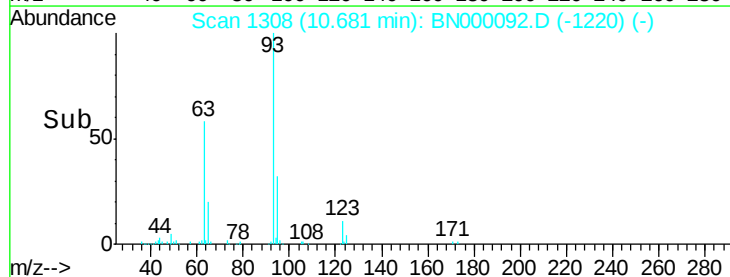
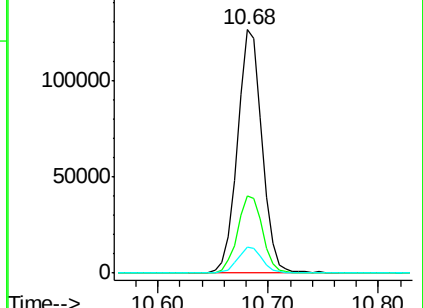
123 10.8 8.4 12.6

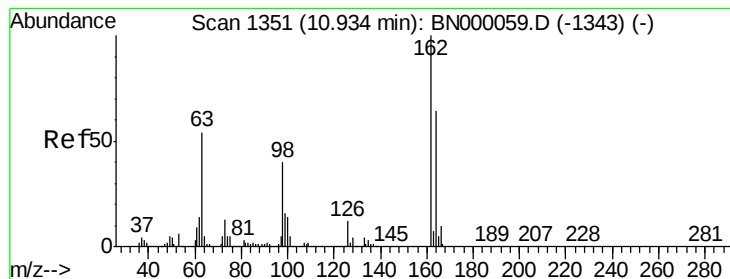


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 5.51 ng

RT: 10.93 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

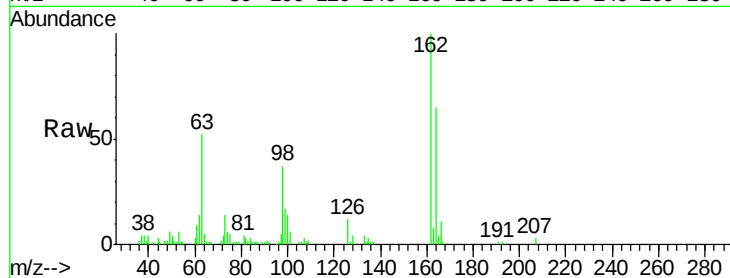
Tot Ion:162 Resp: 101445

Ion Ratio Lower Upper

162 100

164 64.7 48.0 88.0

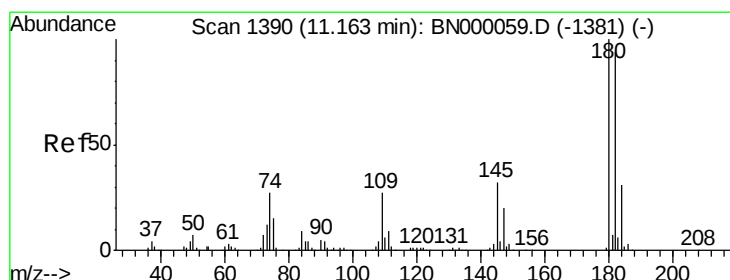
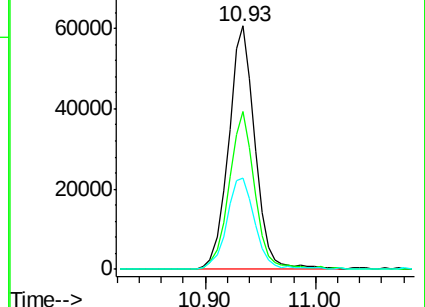
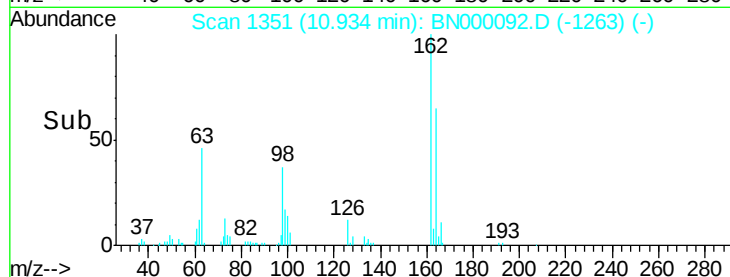
98 37.4 21.1 61.1



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: 7.00 ng

RT: 11.16 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

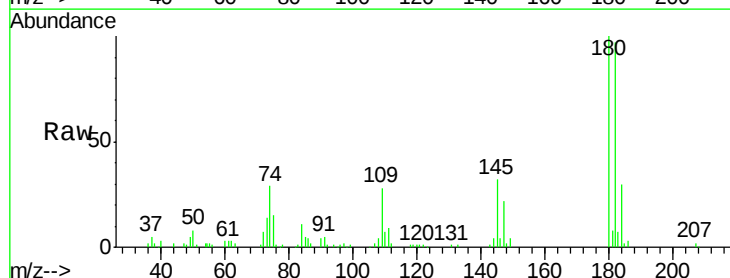
Tgt Ion:180 Resp: 148256

Ion Ratio Lower Upper

180 100

182 97.0 77.5 116.3

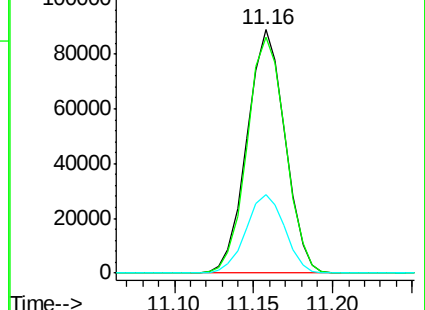
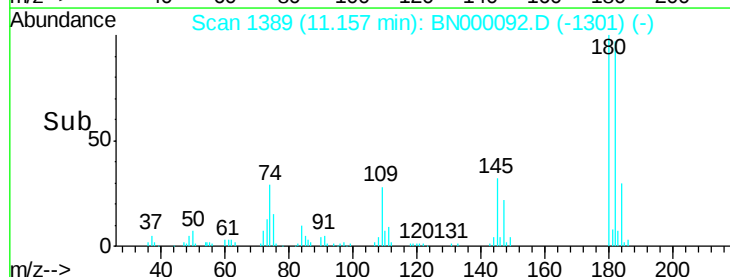
145 32.1 23.4 35.2



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

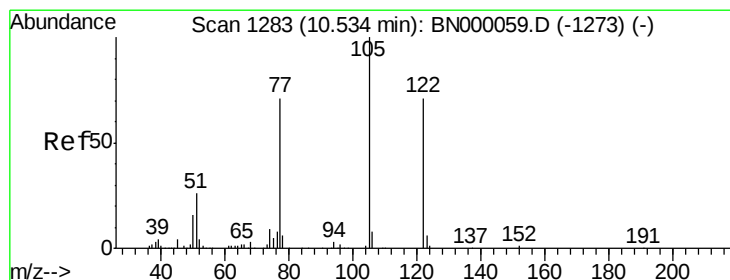
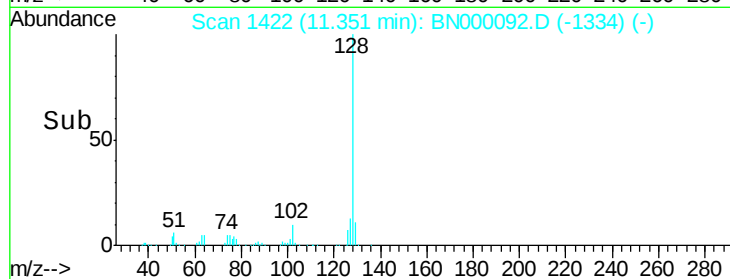
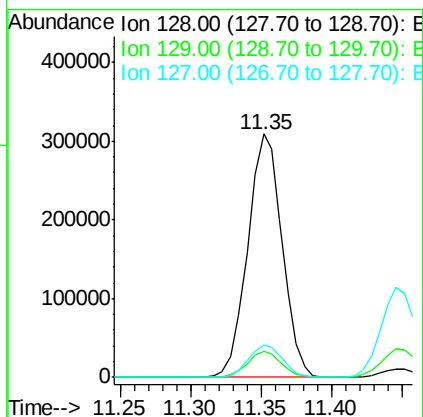
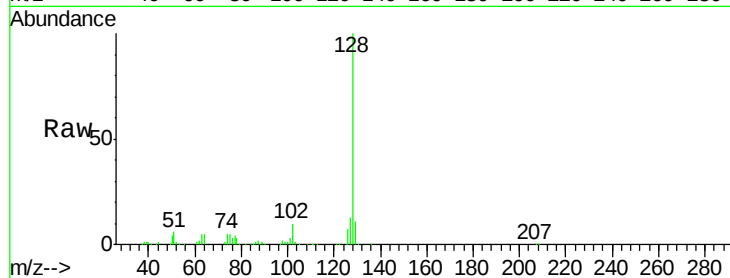




#31
Naphthalene
Concen: 7.30 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

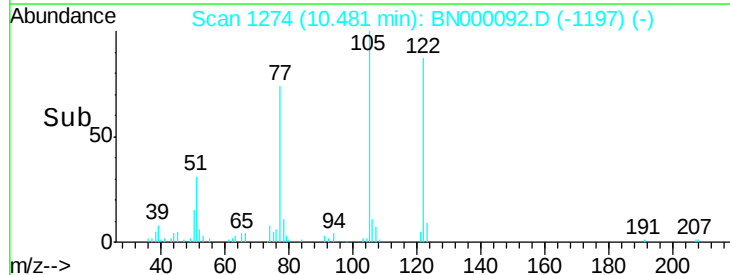
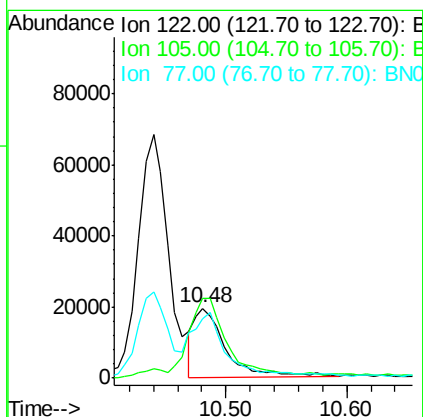
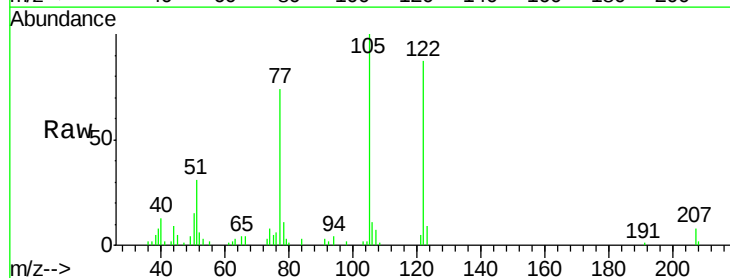
Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.2	11.6	17.4



#32
Benzoic acid
Concen: 12.35 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.3	123.5	163.5#
77	84.1	85.7	125.7#

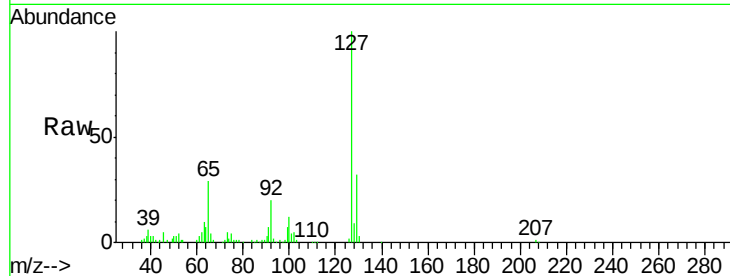




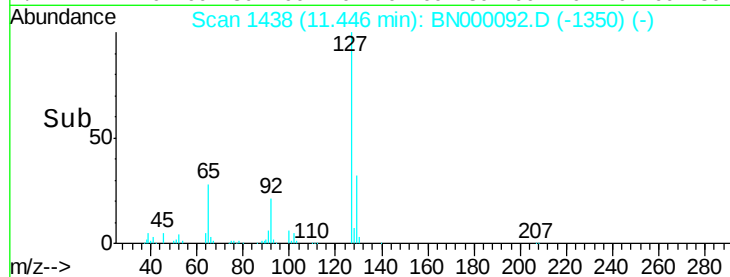
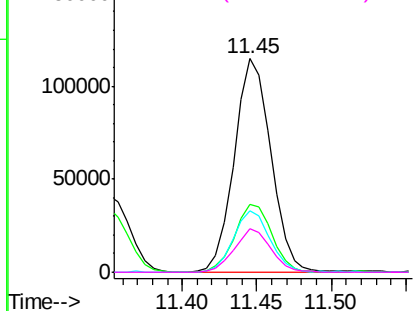
#33
4-Chloroaniline
Concen: 6.20 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127	Resp:	196799
Ion Ratio	Lower	Upper
127	100	
129	31.8	24.0 36.0
65	28.6	27.0 40.4
92	20.5	16.6 25.0

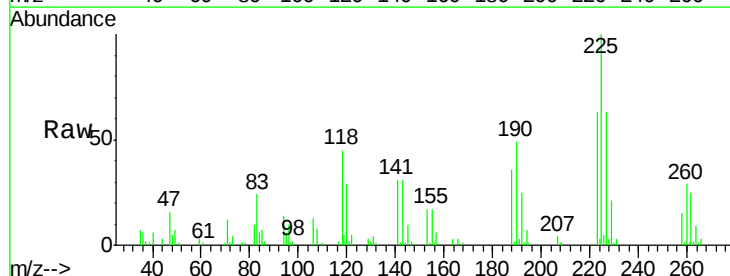


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

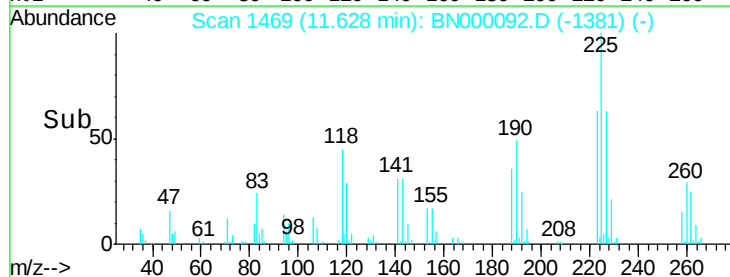
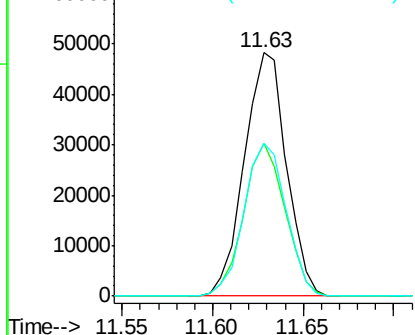


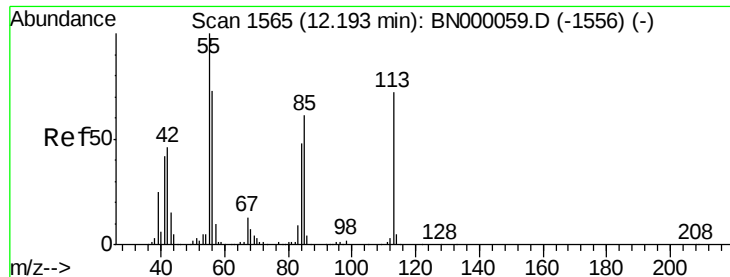
#34
Hexachlorobutadiene
Concen: 7.09 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:225	Resp:	77936
Ion Ratio	Lower	Upper
225	100	
223	62.6	49.7 74.5
227	62.9	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

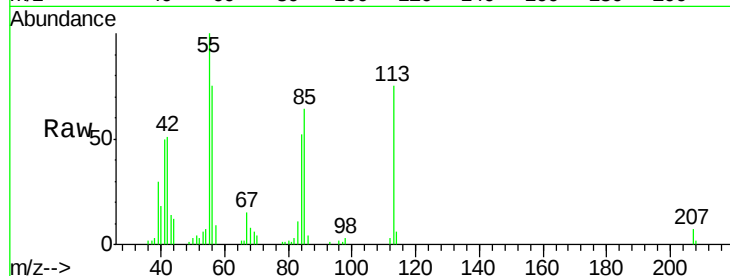




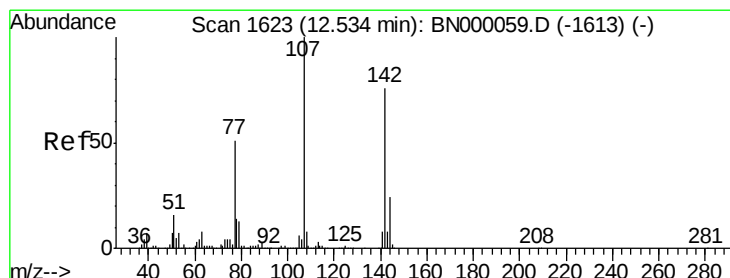
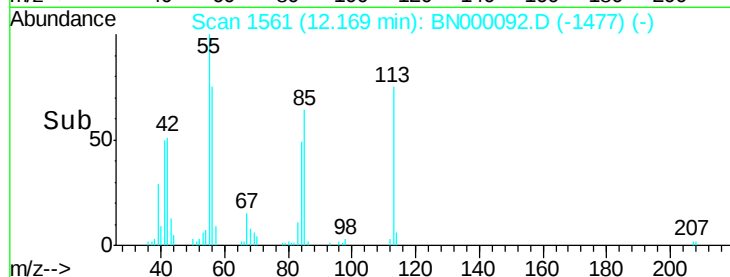
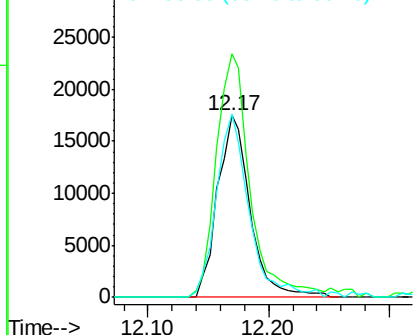
#35
Caprolactam
Concen: 7.72 ng
RT: 12.17 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:113 Resp: 32518
Ion Ratio Lower Upper
113 100
55 133.7 120.0 160.0
56 100.6 90.0 130.0

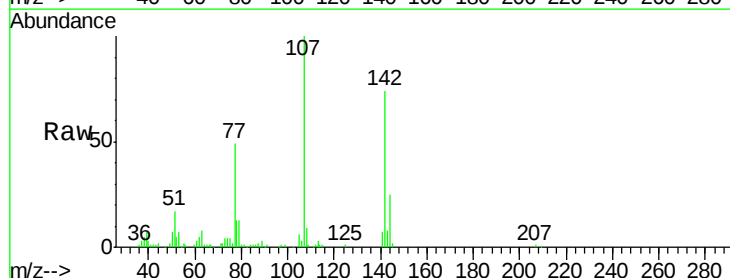


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BNO
Ion 56.00 (55.70 to 56.70): BNO

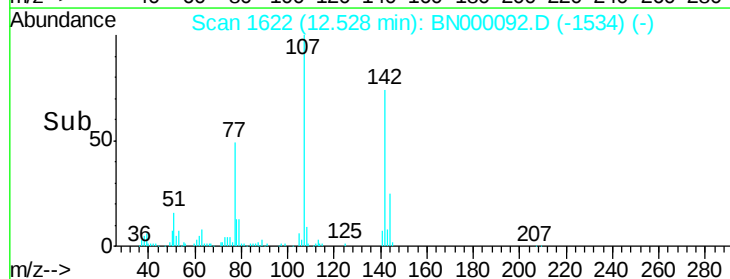
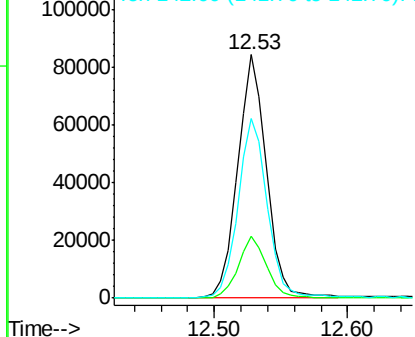


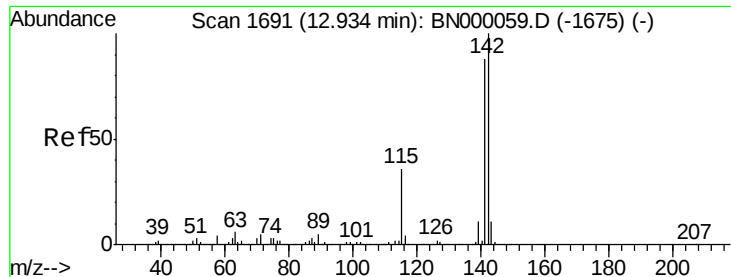
#36
4-Chloro-3-methylphenol
Concen: 5.40 ng
RT: 12.53 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:107 Resp: 126071
Ion Ratio Lower Upper
107 100
144 25.2 18.2 27.4
142 73.7 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

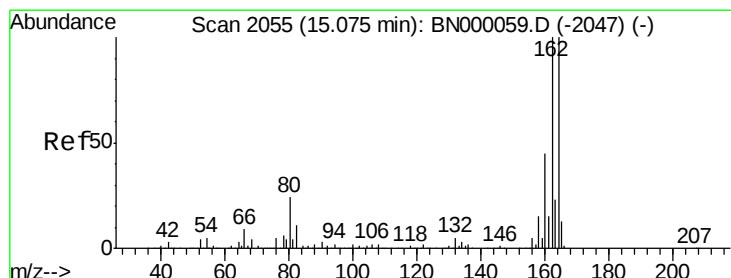
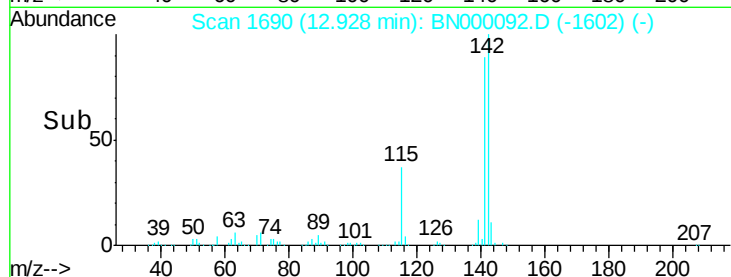
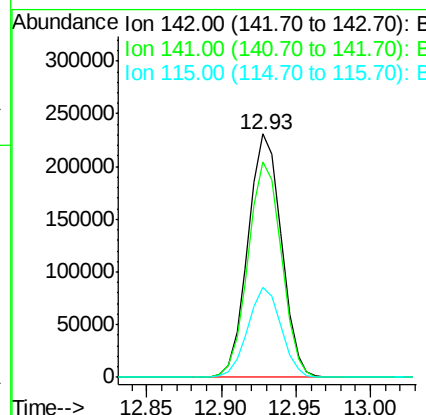
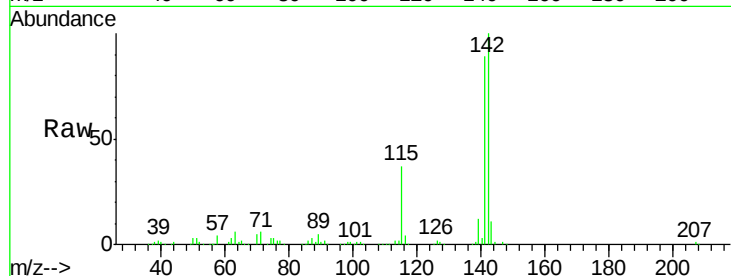




#37
2-Methylnaphthalene
Concen: 7.10 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

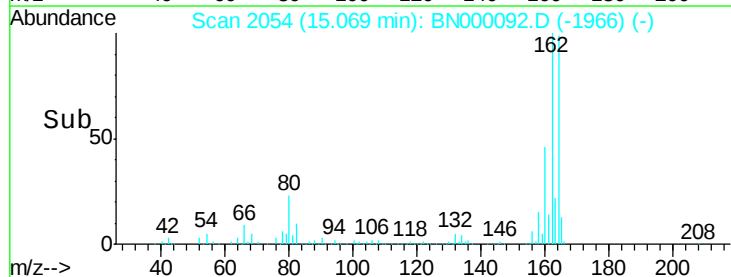
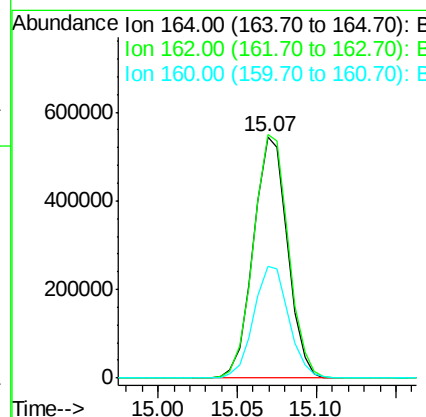
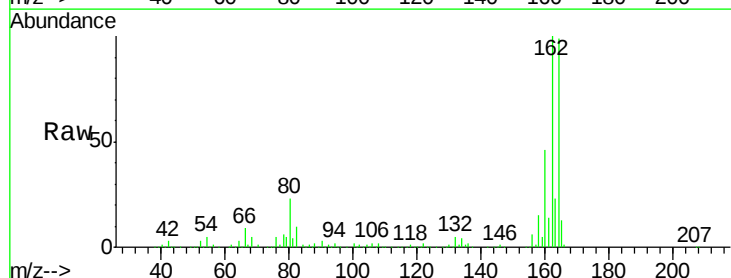
Instrument :
BNA_N
ClientSampleId :

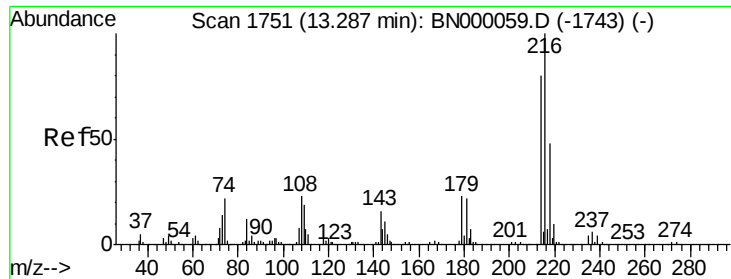
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	67.1	100.7
115	37.1	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	46.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.85 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BN000092.D

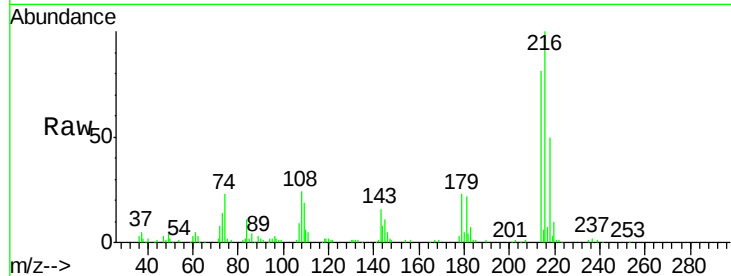
Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	164387
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	22.9	17.0	25.6
108	24.3	12.8	19.2#

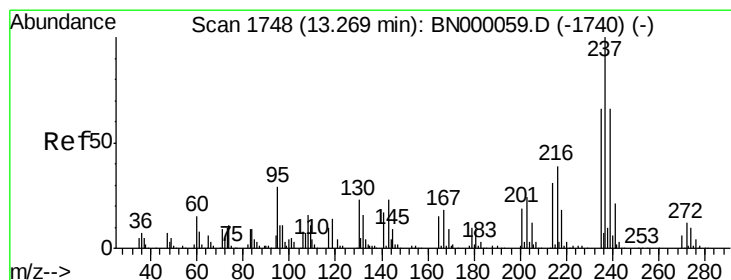
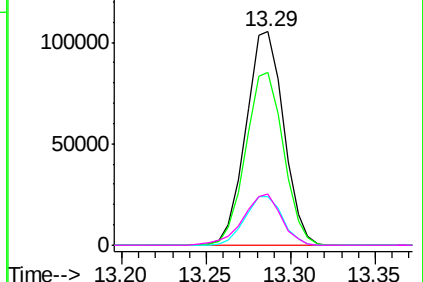
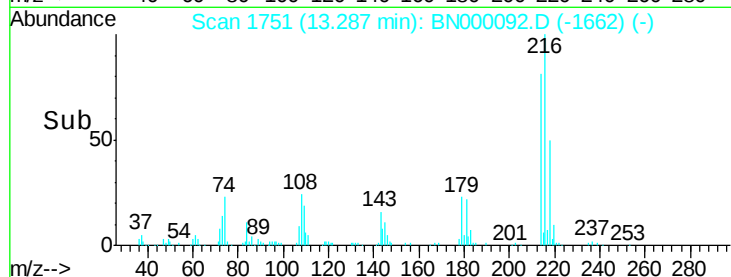


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.50 ng

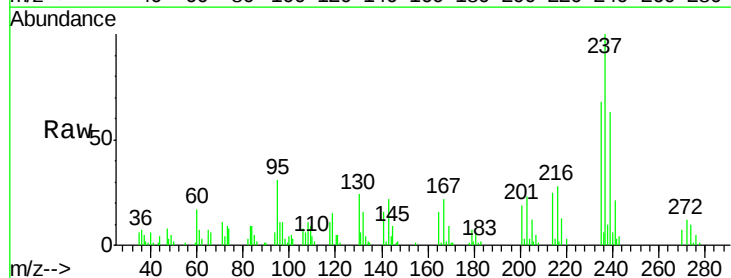
RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

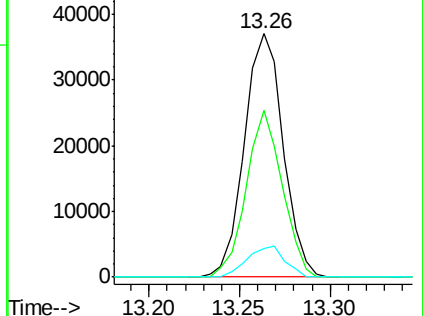
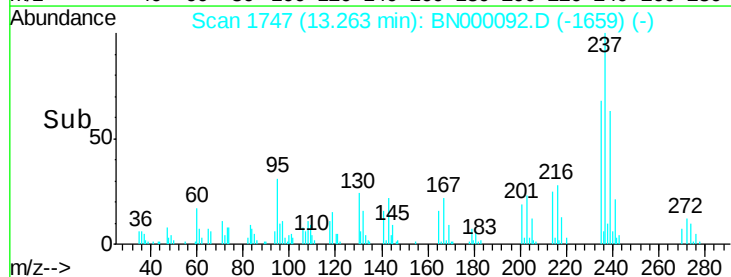
Tgt Ion:	237	Resp:	55026
Ion	Ratio	Lower	Upper
237	100		
235	68.4	50.4	90.4
272	12.0	0.0	31.8

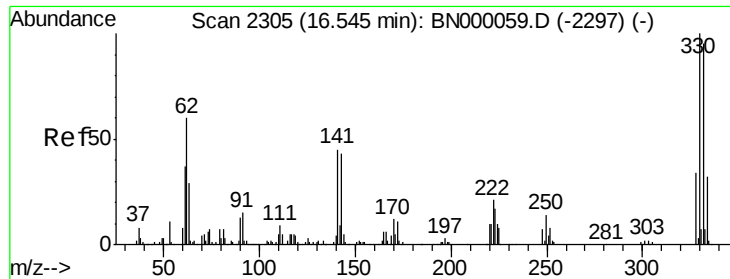


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

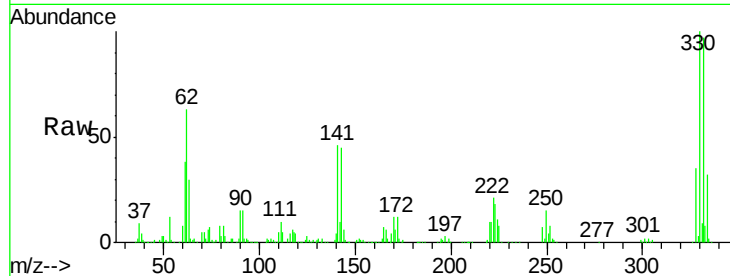




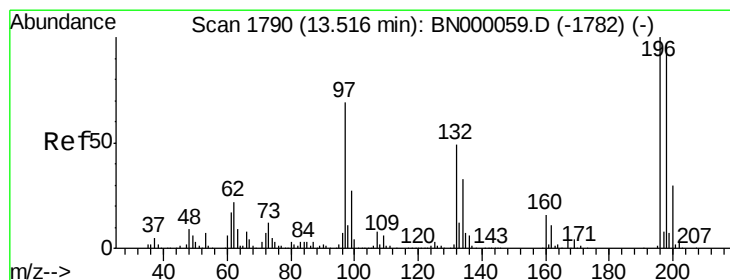
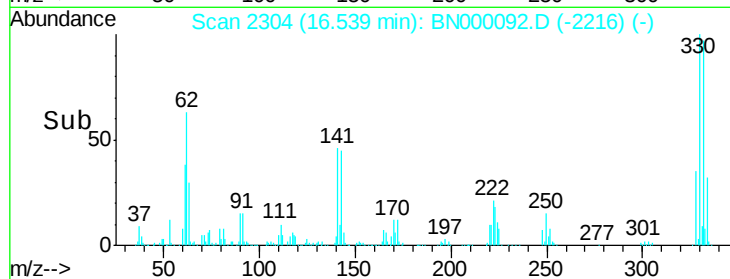
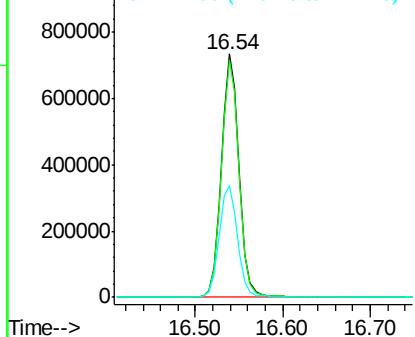
#41
 2,4,6-Tribromophenol
 Concen: 127.64 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1027390
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 48.0 25.2 37.8#

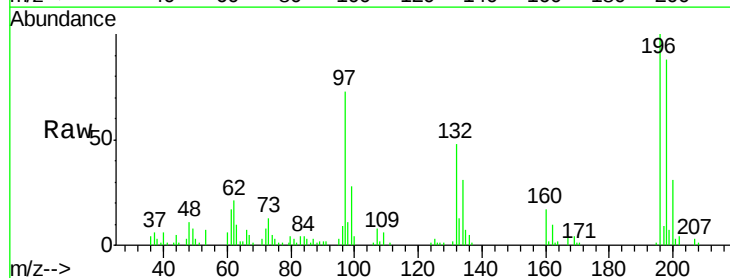


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

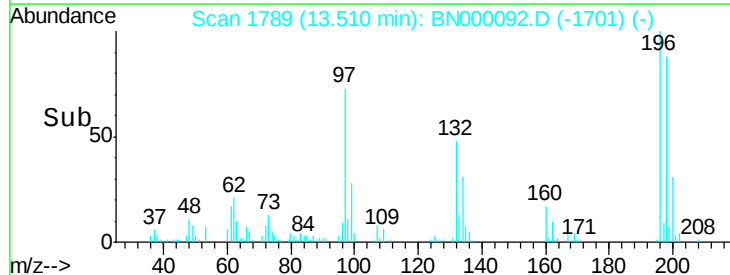
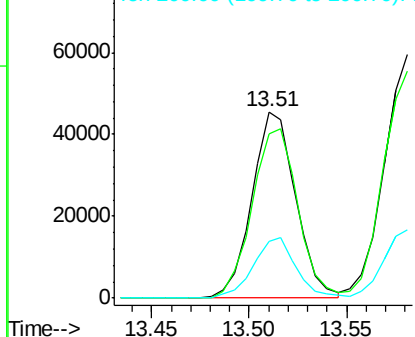


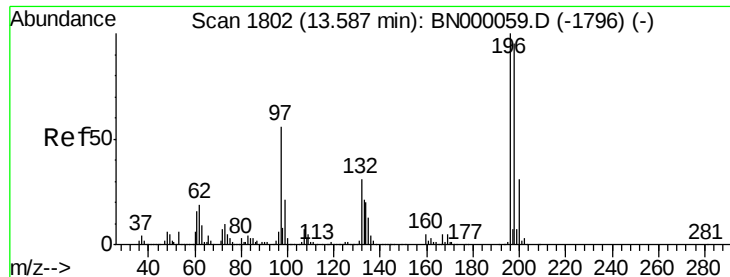
#42
 2,4,6-Trichlorophenol
 Concen: 4.91 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Tgt Ion:196 Resp: 70651
 Ion Ratio Lower Upper
 196 100
 198 88.2 78.2 117.2
 200 30.6 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

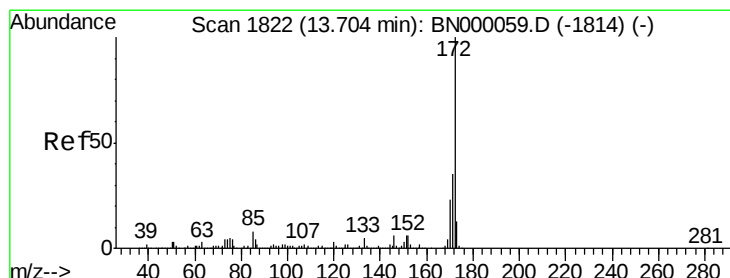
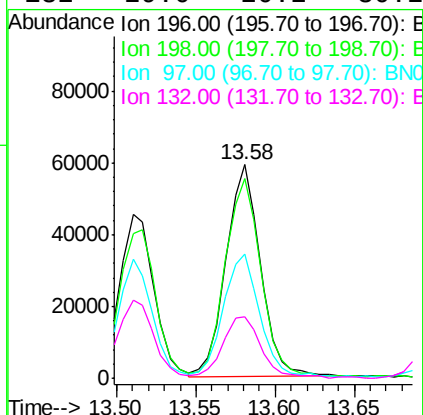
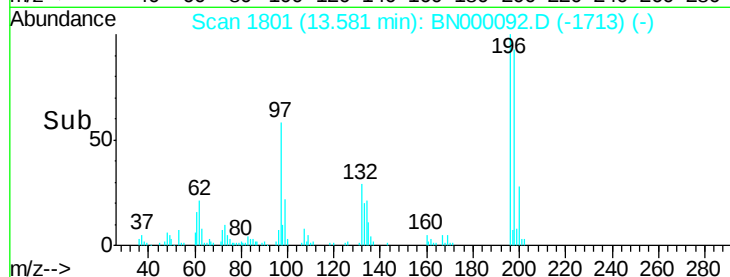
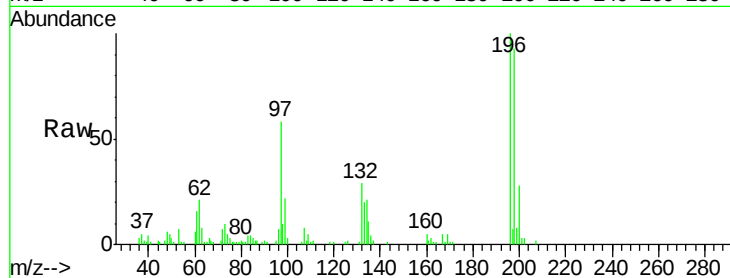




#43
2,4,5-Trichlorophenol
Concen: 5.16 ng
RT: 13.58 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

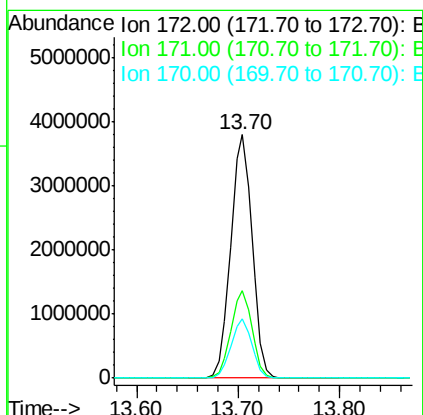
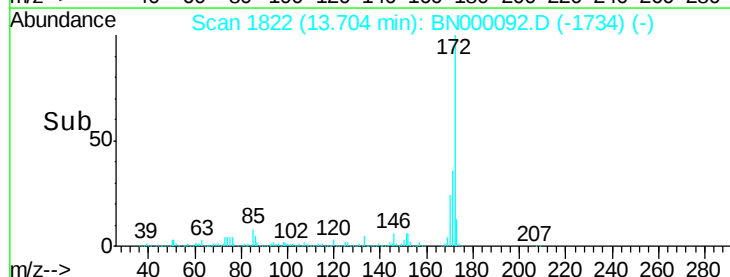
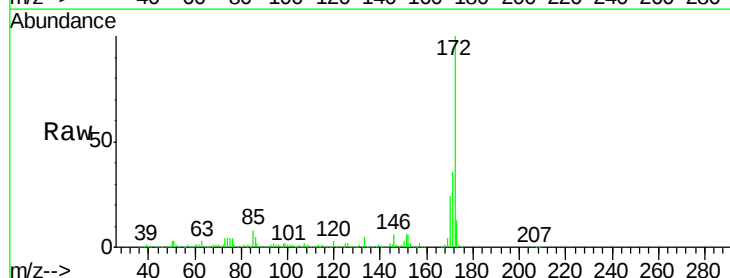
Instrument :
BNA_N
ClientSampleId :

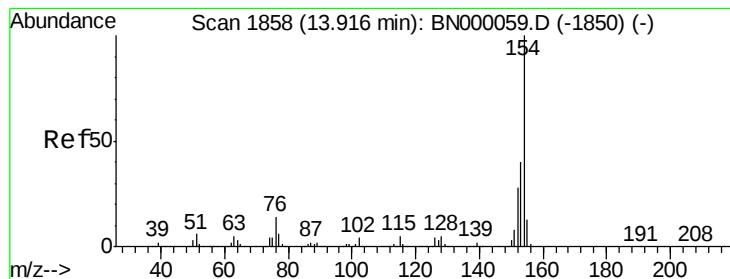
Tot Ion:196 Resp: 89180
Ion Ratio Lower Upper
196 100
198 93.4 76.2 114.4
97 58.1 38.7 58.1#
132 29.0 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 95.87 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:172 Resp: 5531358
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 24.2 19.5 29.3





#45

1,1'-Biphenyl

Concen: 7.32 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

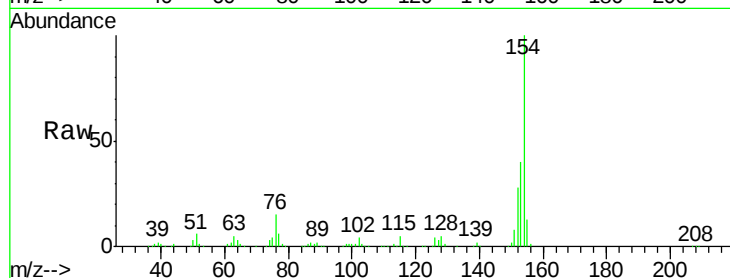
Tot Ion:154 Resp: 524558

Ion Ratio Lower Upper

154 100

153 40.1 19.8 59.8

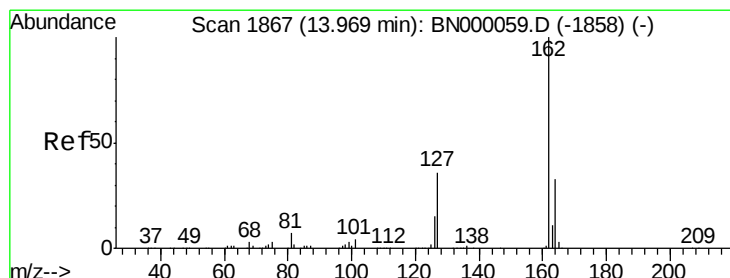
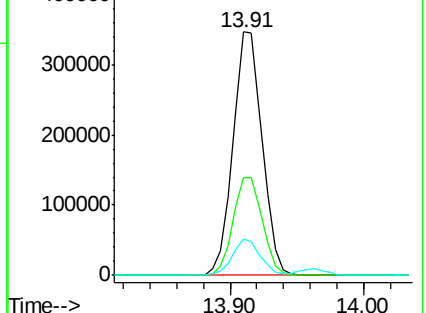
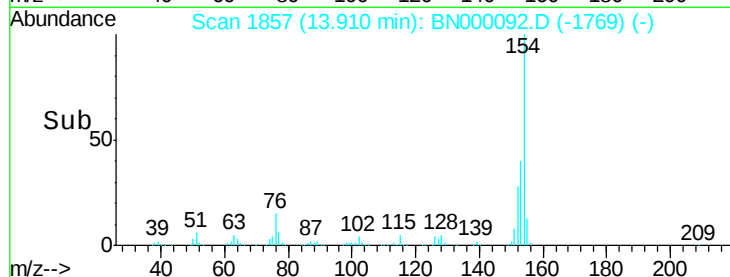
76 14.7 0.0 31.9



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: 7.12 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

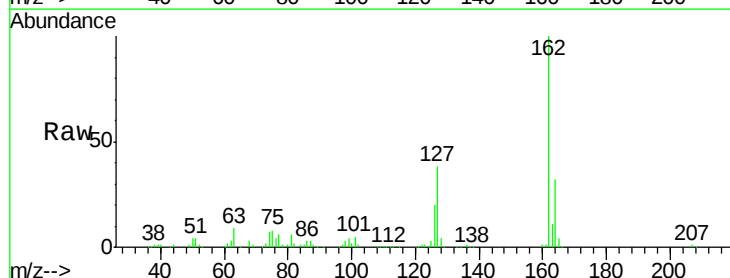
Tgt Ion:162 Resp: 382842

Ion Ratio Lower Upper

162 100

127 38.4 30.7 46.1

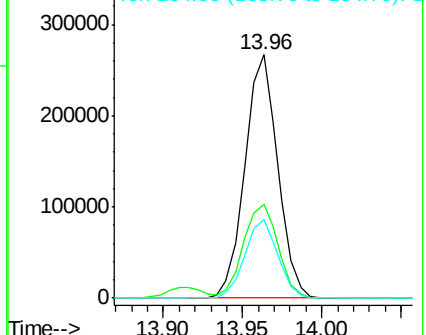
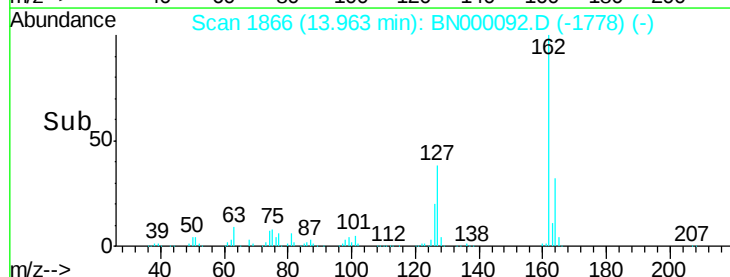
164 32.1 26.0 39.0

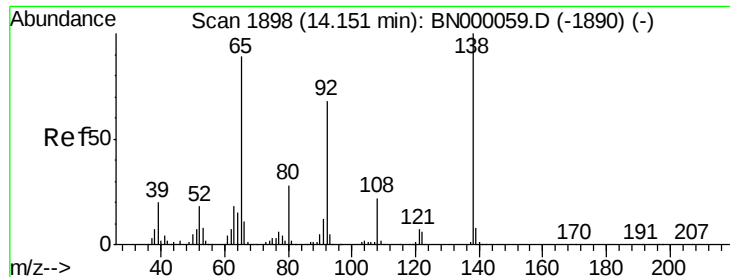


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

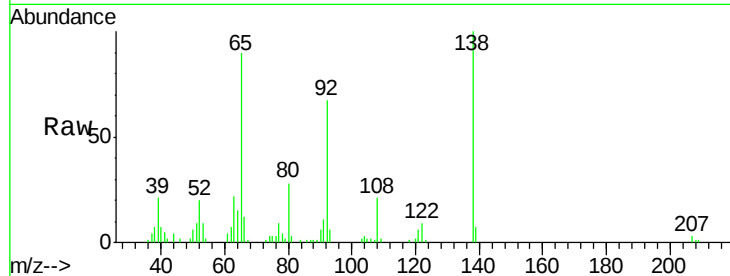




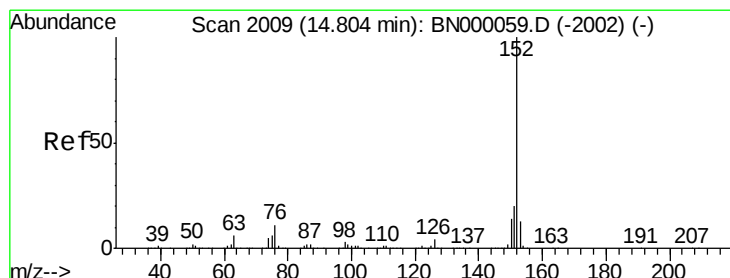
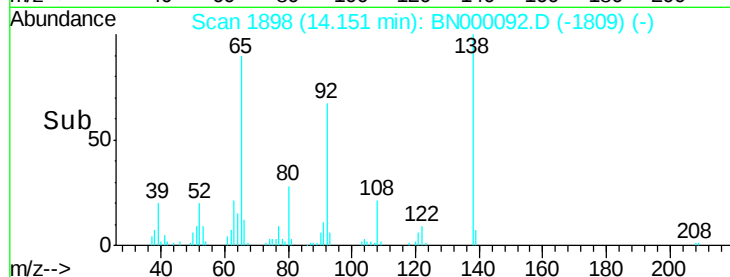
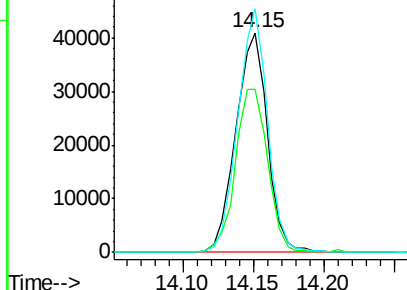
#47
2-Nitroaniline
Concen: 8.52 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 65 Resp: 63971
Ion Ratio Lower Upper
65 100
92 74.5 54.6 82.0
138 110.9 72.9 109.3#

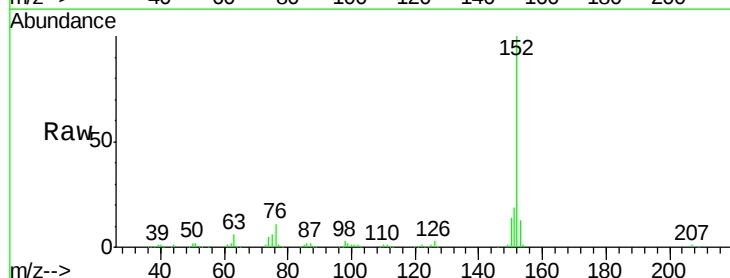


Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): BNC

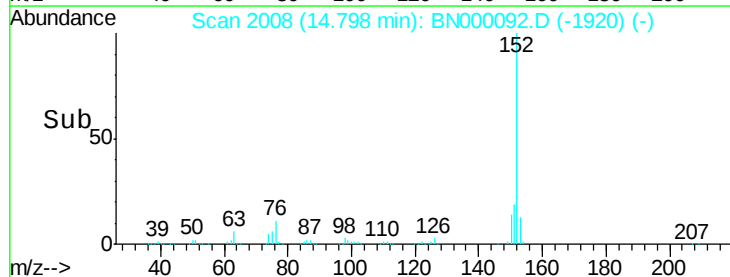
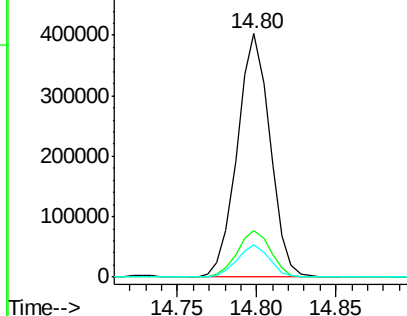


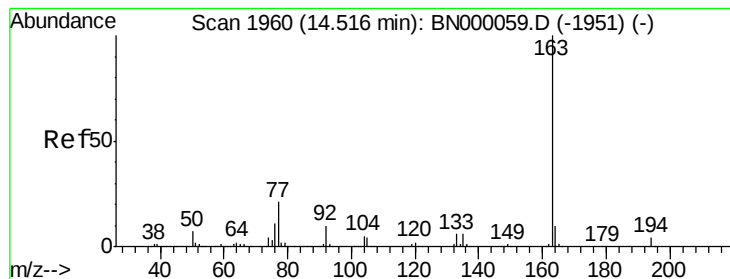
#48
Acenaphthylene
Concen: 6.68 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion: 152 Resp: 578714
Ion Ratio Lower Upper
152 100
151 19.0 17.2 25.8
153 13.4 10.2 15.4



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





#49

Dimethylphthalate

Concen: 6.78 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

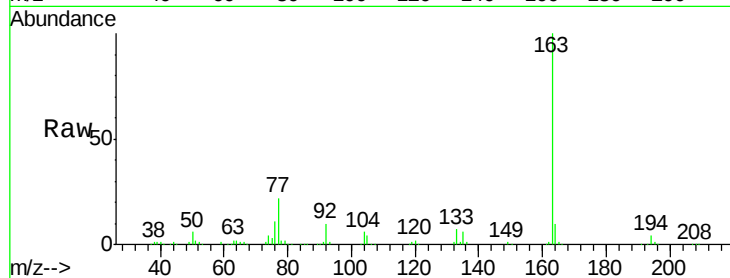
Tot Ion:163 Resp: 460749

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

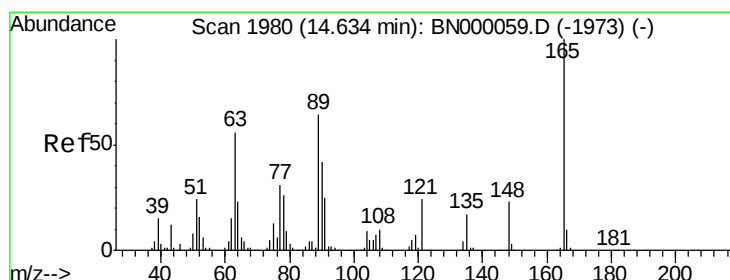
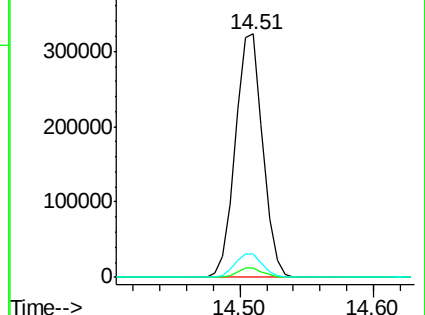
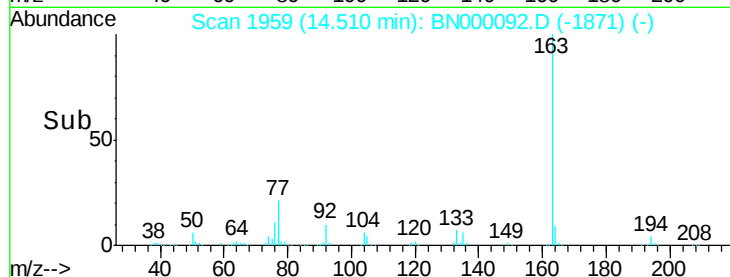
164 9.8 8.2 12.4



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: 4.98 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

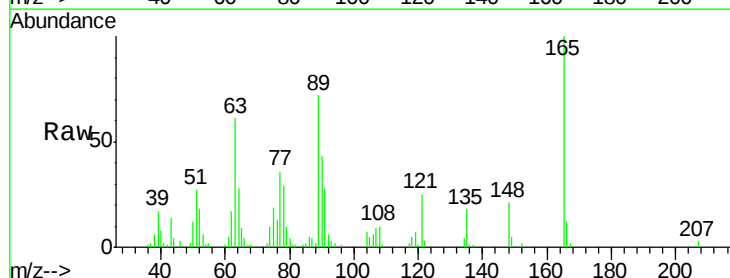
Tgt Ion:165 Resp: 69825

Ion Ratio Lower Upper

165 100

63 60.9 52.7 79.1

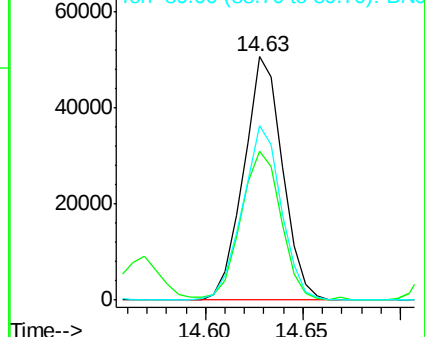
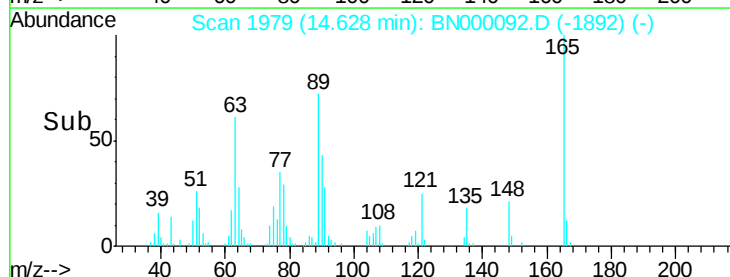
89 71.6 49.2 73.8

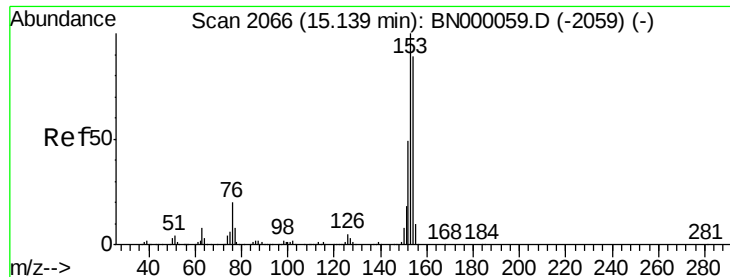


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 7.13 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

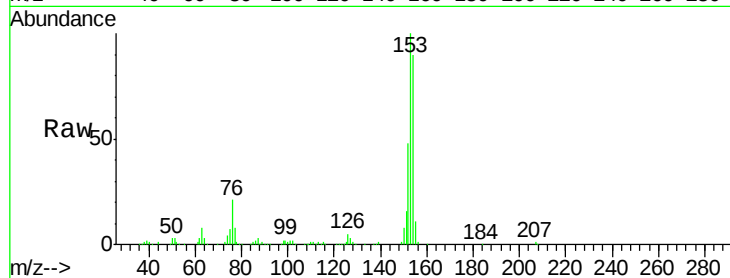
Tot Ion:154 Resp: 402030

Ion Ratio Lower Upper

154 100

153 111.1 90.4 135.6

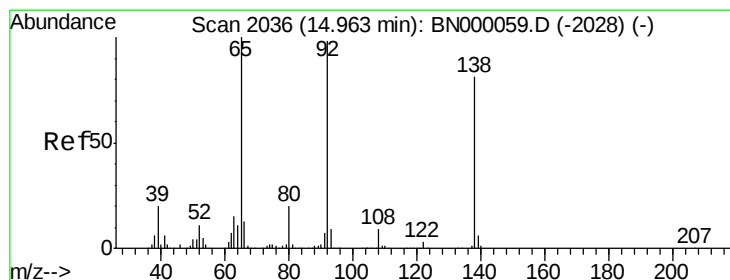
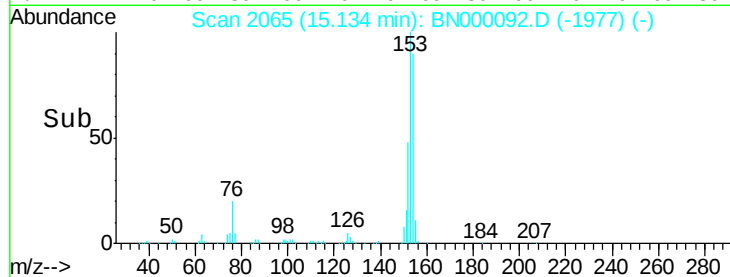
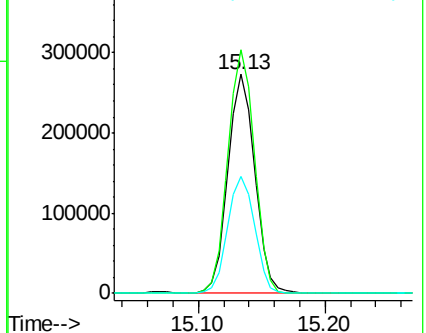
152 53.1 41.6 62.4



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: 5.24 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

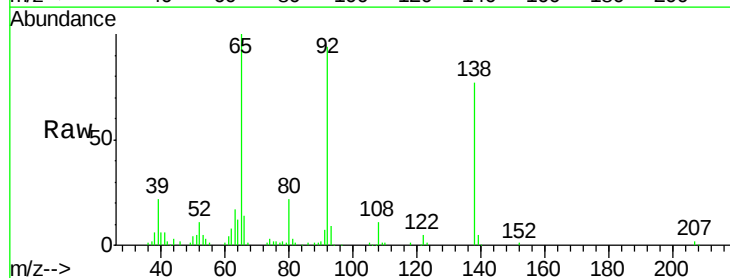
Tgt Ion:138 Resp: 89450

Ion Ratio Lower Upper

138 100

108 14.6 17.5 26.3#

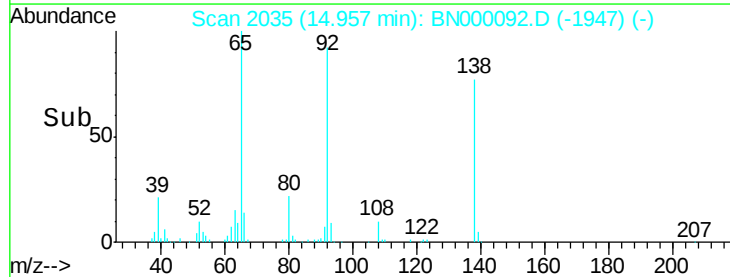
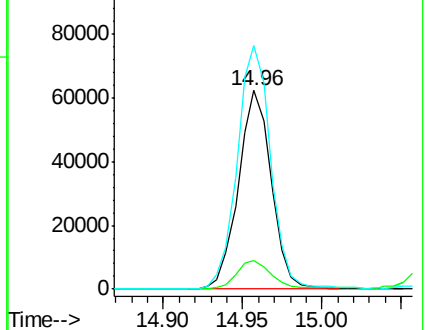
92 122.7 105.8 158.8

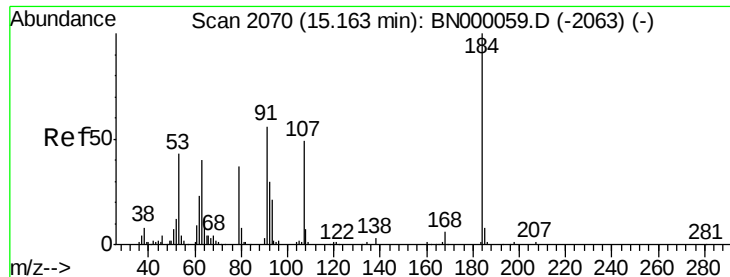


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

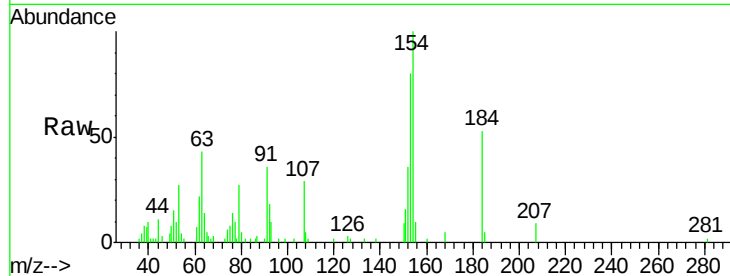




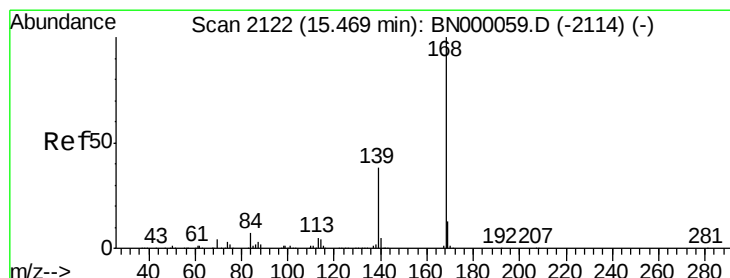
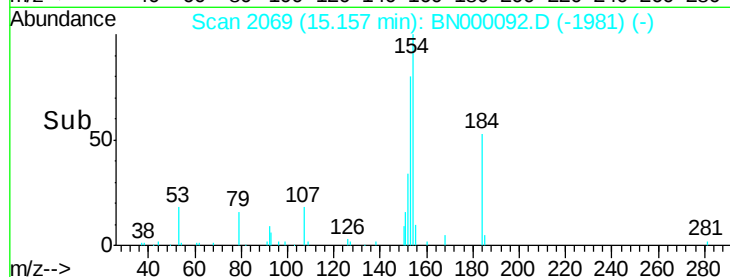
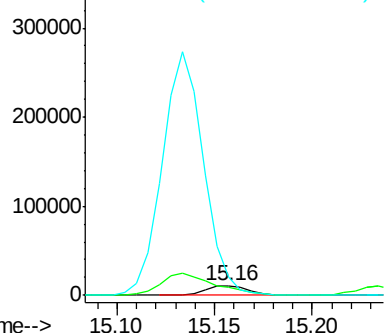
#53
2,4-Dinitrophenol
Concen: 12.23 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 16866
Ion Ratio Lower Upper
184 100
63 80.4 80.0 120.0
154 188.6 308.0 462.0#

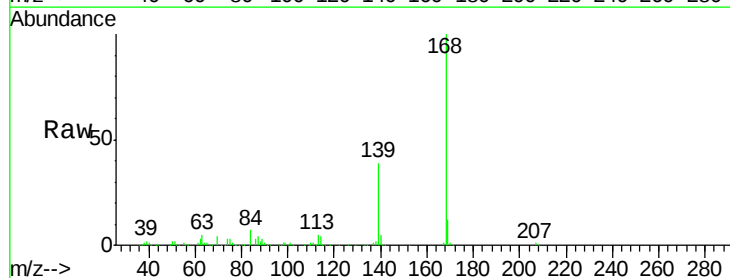


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

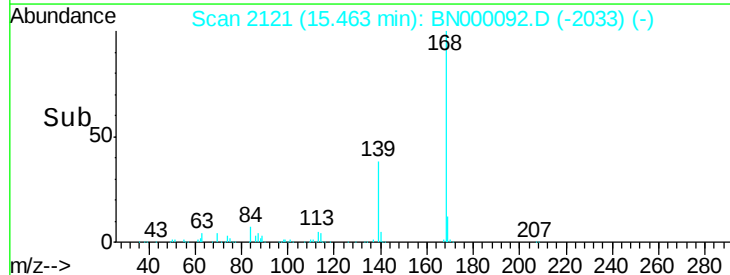
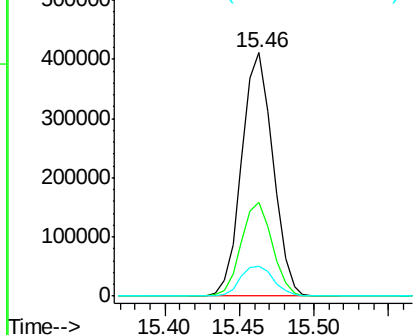


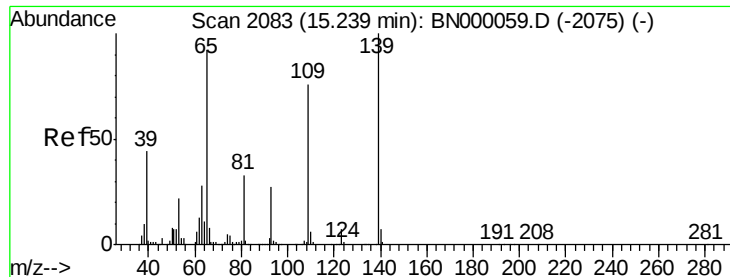
#54
Dibenzofuran
Concen: 7.46 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:168 Resp: 595496
Ion Ratio Lower Upper
168 100
139 38.8 28.6 43.0
169 12.1 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

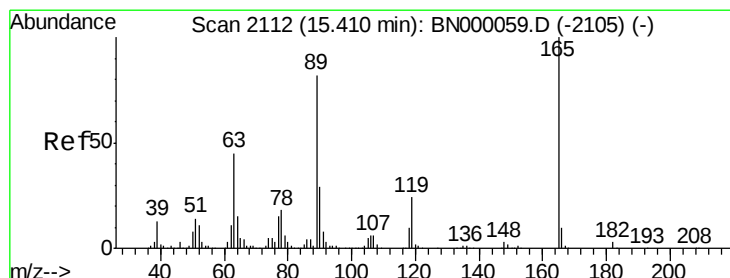
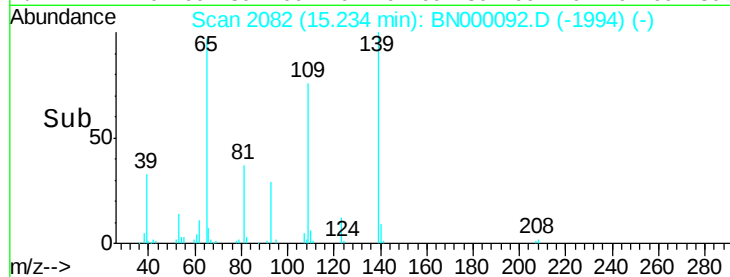
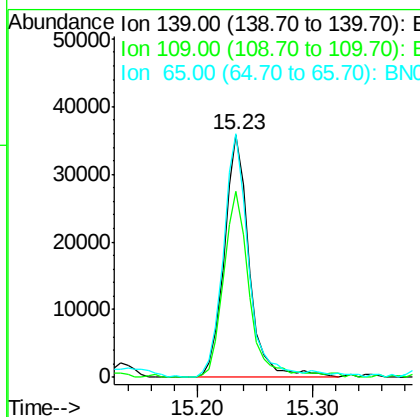
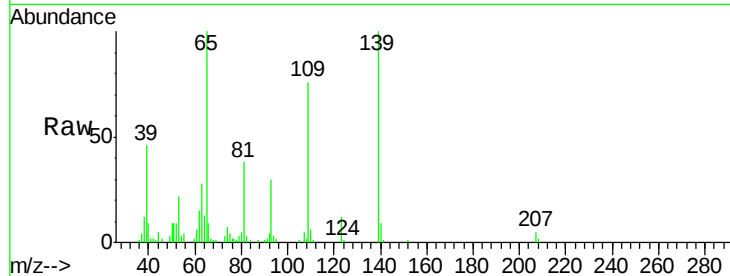




#55
4-Nitrophenol
Concen: 8.57 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

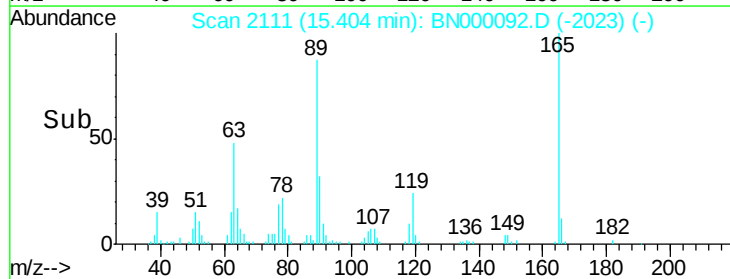
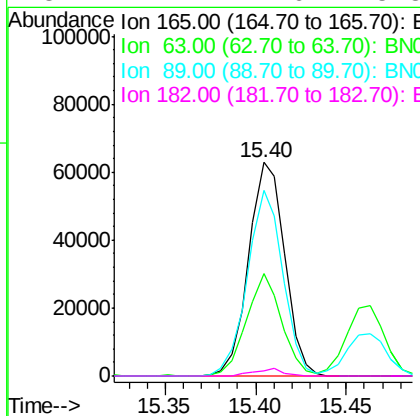
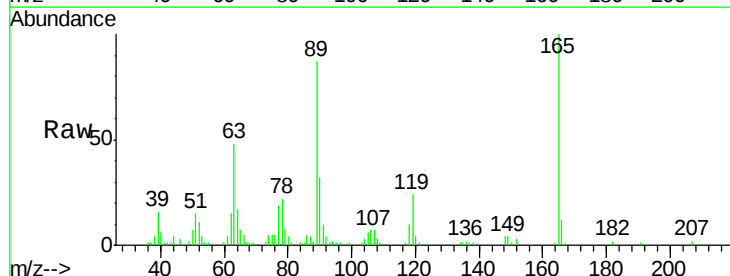
Instrument :
BNA_N
ClientSampled :

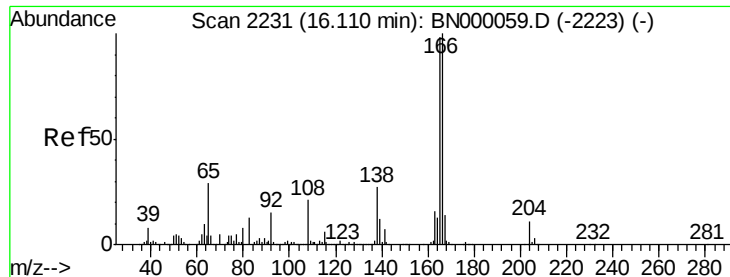
Tot Ion:139 Resp: 53499
Ion Ratio Lower Upper
139 100
109 76.4 62.2 102.2
65 100.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 8.15 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:165 Resp: 87266
Ion Ratio Lower Upper
165 100
63 47.9 42.0 63.0
89 86.9 66.9 100.3
182 2.4 2.6 3.8#

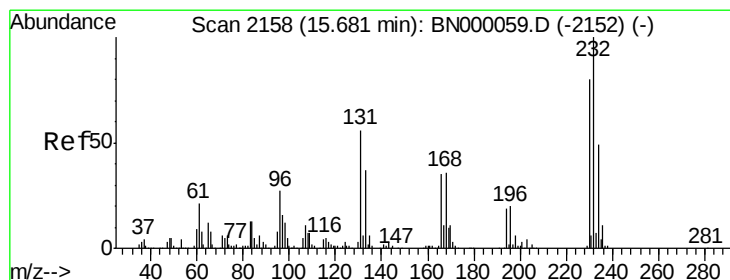
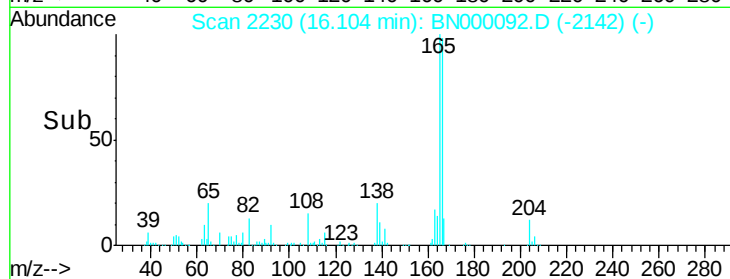
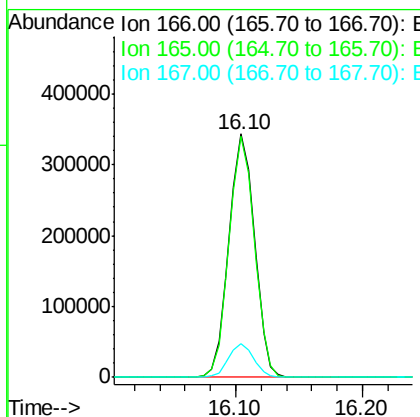
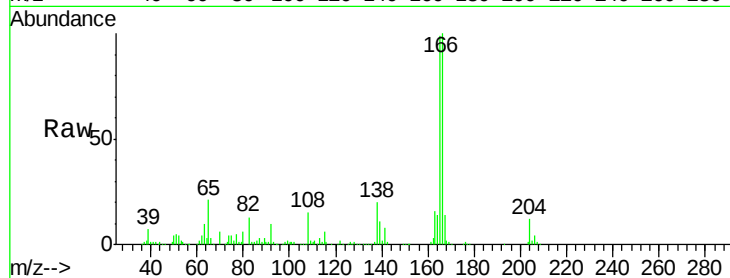




#57
 Fluorene
 Concen: 7.39 ng
 RT: 16.10 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

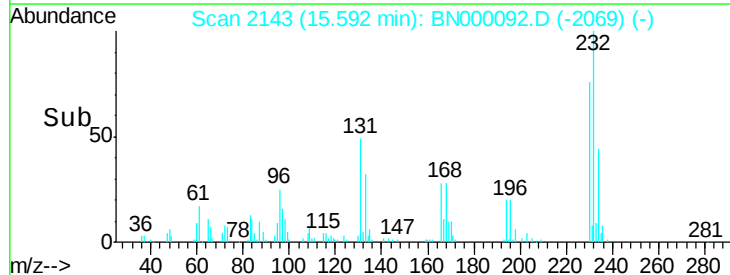
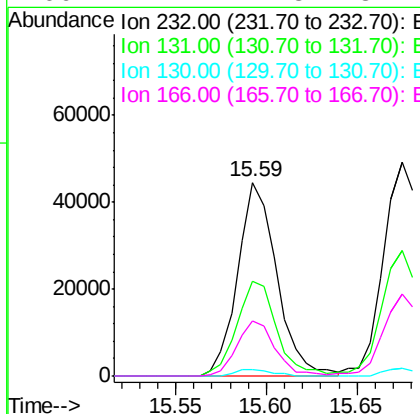
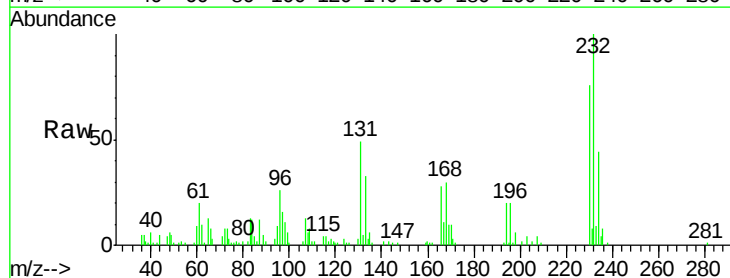
Instrument :
 BNA_N
 ClientSampleId :

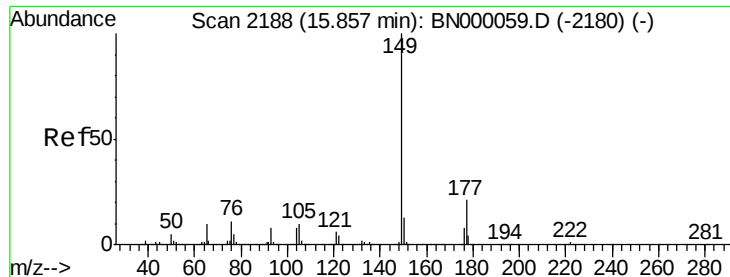
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.6	121.0
167	13.7	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.90 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. -0.09 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	33.5	50.3
130	3.0	2.2	3.2
166	27.7	24.8	37.2

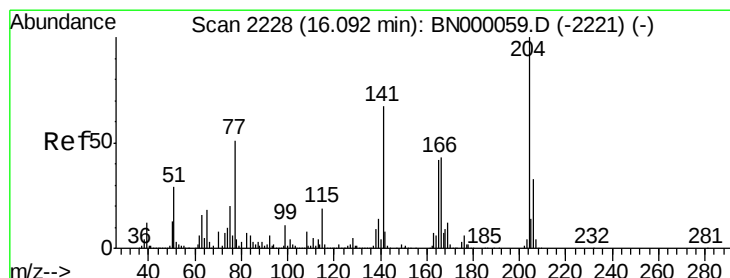
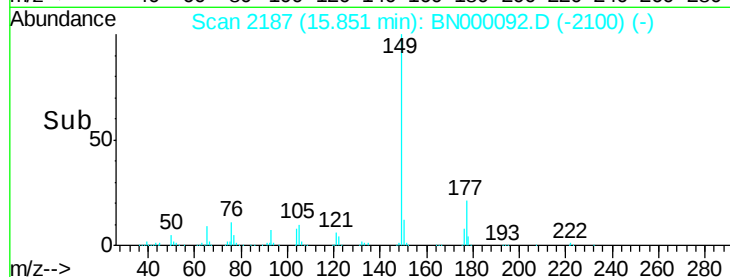
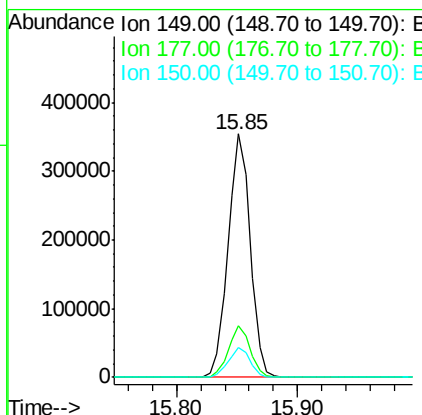
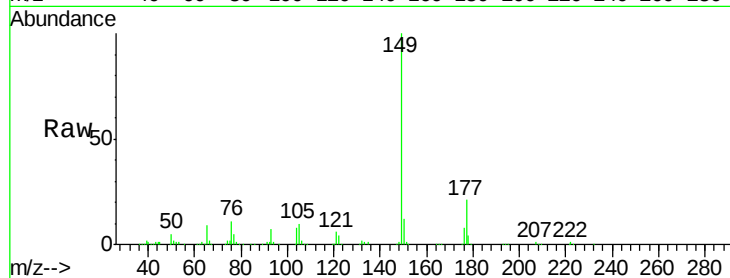




#59
Diethylphthalate
Concen: 6.54 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

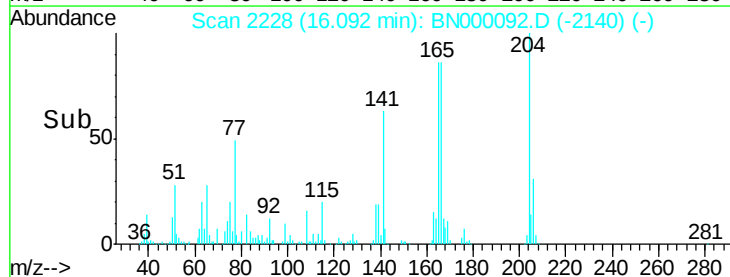
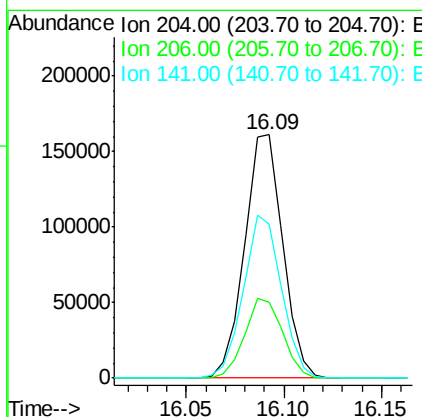
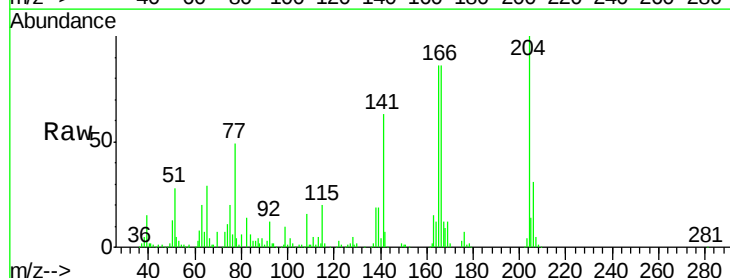
Instrument :
BNA_N
ClientSampleId :

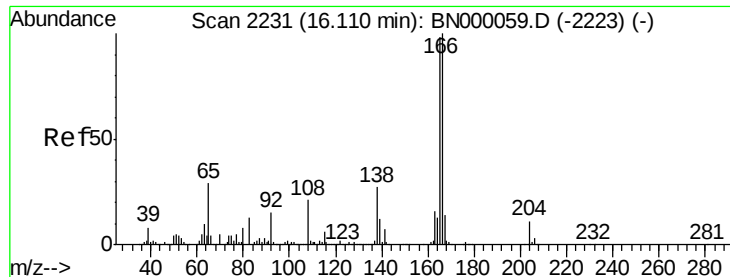
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.5	27.7
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 7.38 ng
RT: 16.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.2	39.2
141	63.2	45.8	68.6

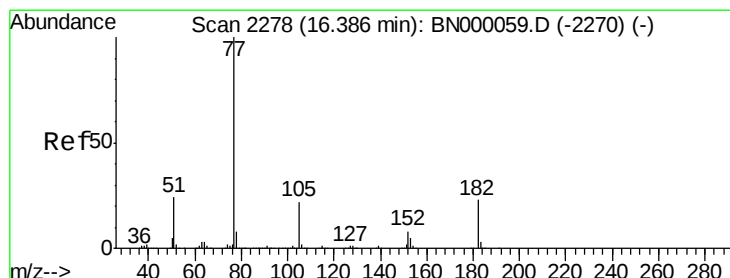
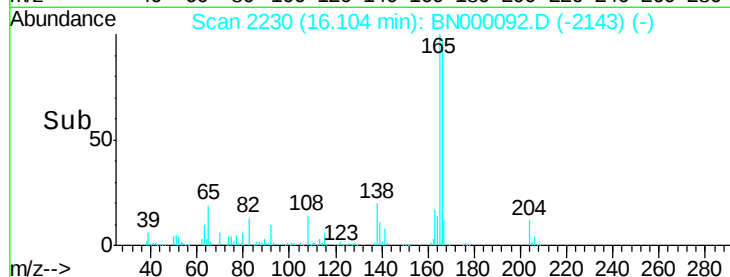
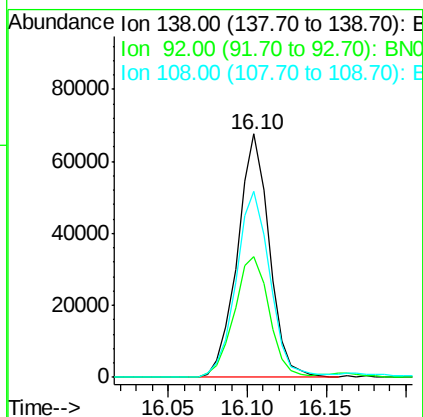
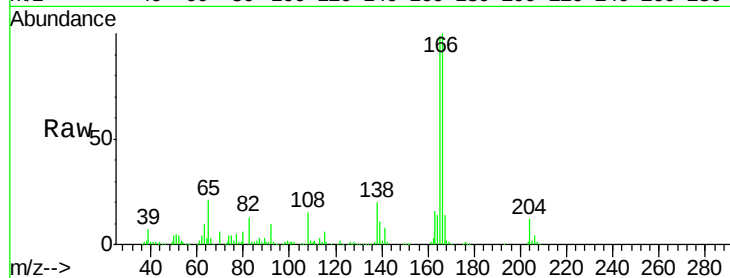




#61
4-Nitroaniline
Concen: 5.37 ng
RT: 16.10 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

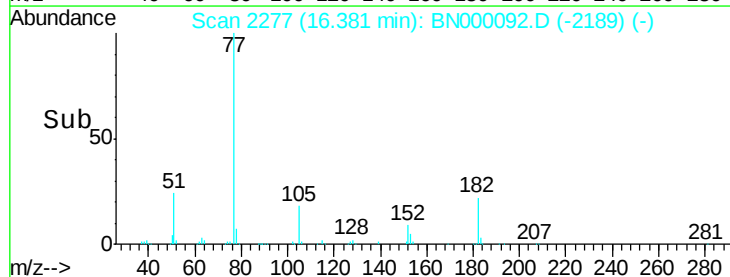
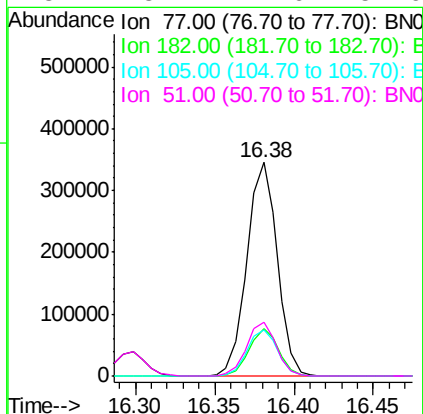
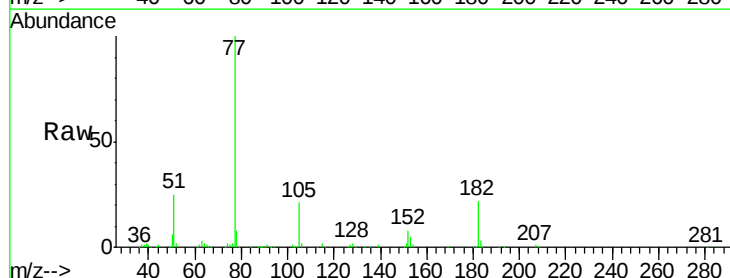
Instrument :
BNA_N
ClientSampleId :

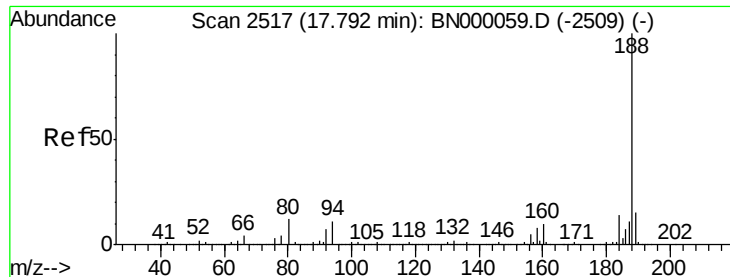
Tot Ion:138 Resp: 94116
Ion Ratio Lower Upper
138 100
92 49.5 40.1 80.1
108 76.6 65.4 105.4



#62
Azobenzene
Concen: 6.66 ng
RT: 16.38 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion: 77 Resp: 458125
Ion Ratio Lower Upper
77 100
182 22.1 7.4 47.4
105 21.4 0.3 40.3
51 25.1 11.6 51.6

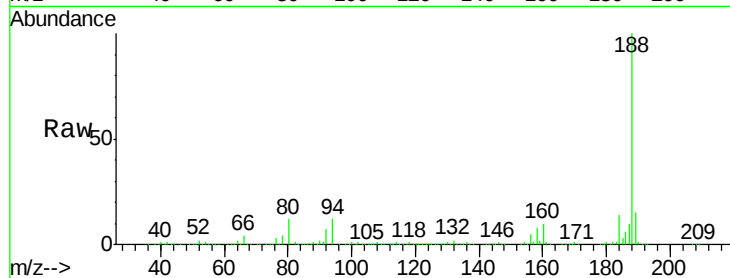




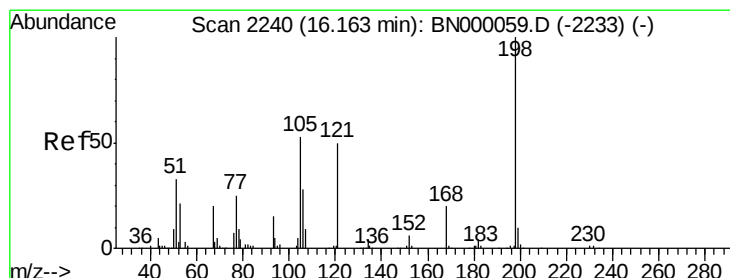
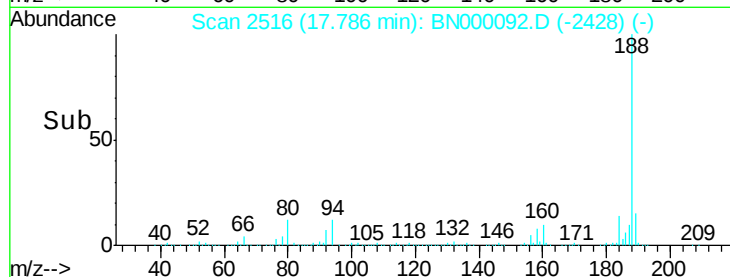
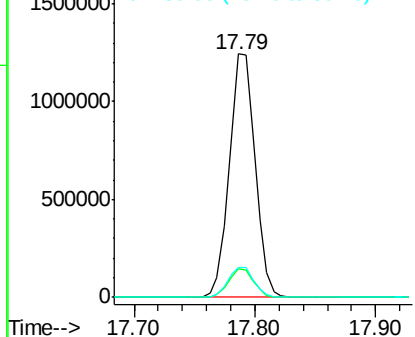
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 1853077
Ion Ratio Lower Upper
188 100
94 11.6 6.9 10.3#
80 12.3 7.7 11.5#

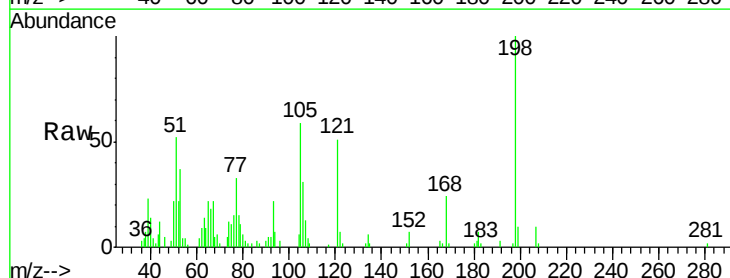


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

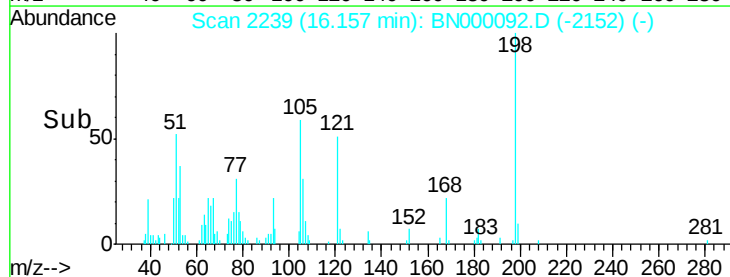
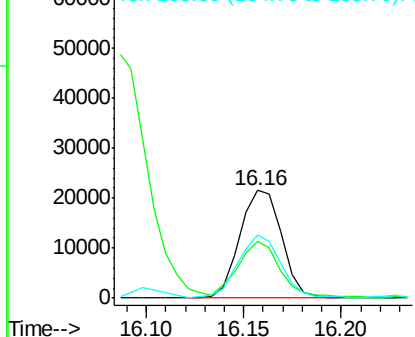


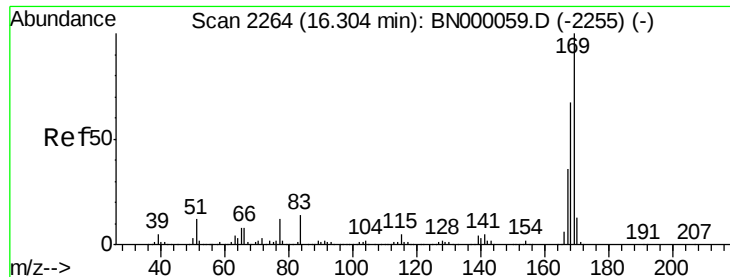
#64
4,6-Dinitro-2-methylphenol
Concen: 11.70 ng
RT: 16.16 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:198 Resp: 32033
Ion Ratio Lower Upper
198 100
51 52.5 30.6 70.6
105 58.6 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

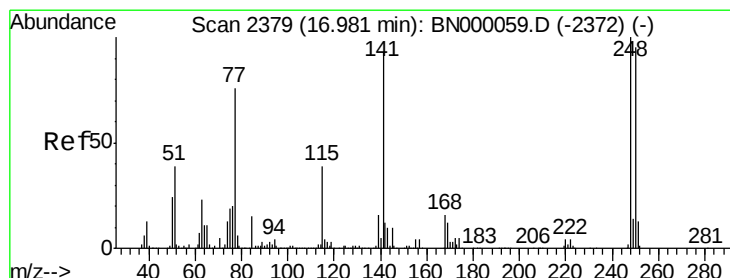
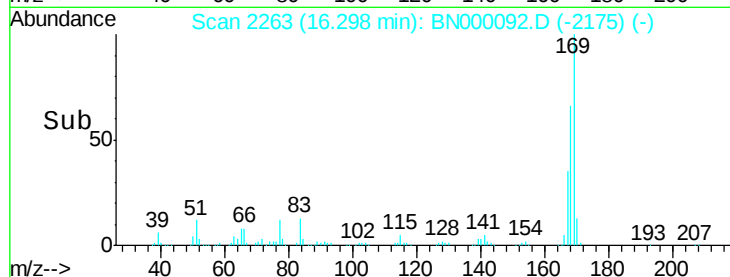
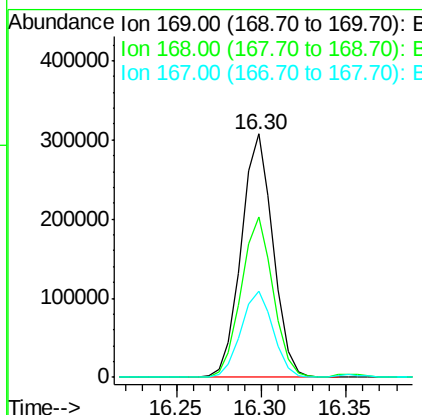
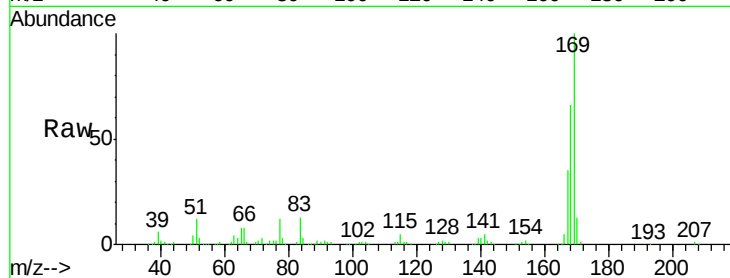




#65
n-Nitrosodiphenylamine
Concen: 6.70 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

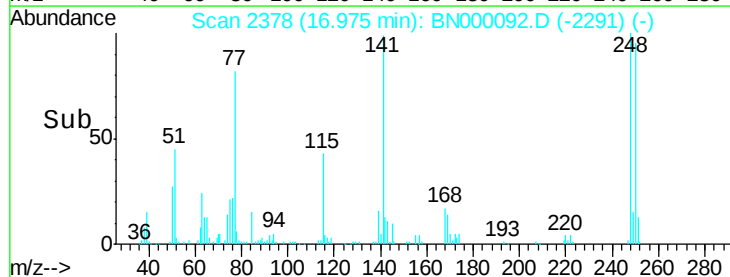
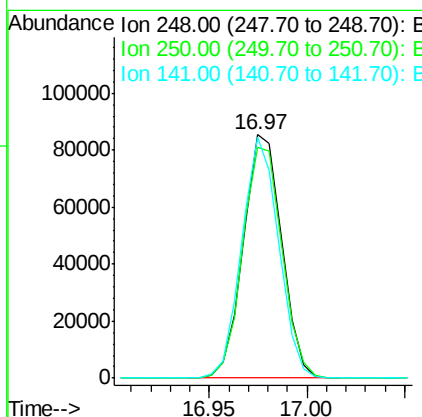
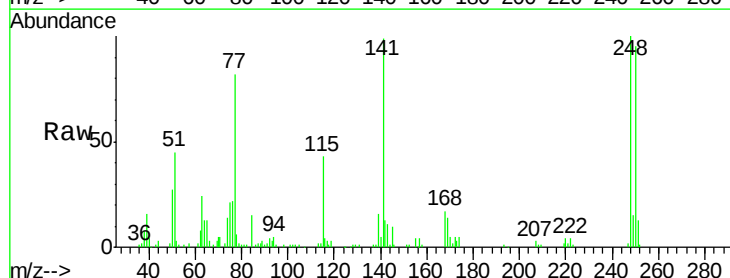
Instrument :
BNA_N
ClientSampleId :

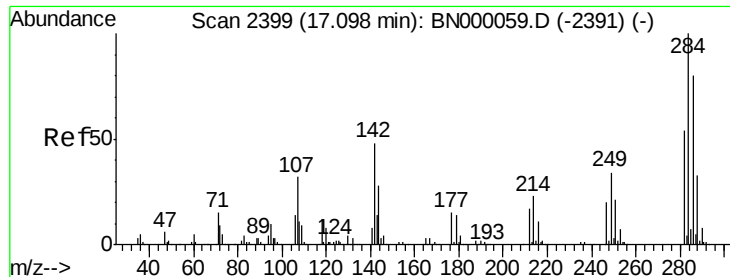
Tot Ion:169 Resp: 403750
Ion Ratio Lower Upper
169 100
168 66.1 55.7 83.5
167 35.5 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 6.60 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:248 Resp: 116332
Ion Ratio Lower Upper
248 100
250 94.8 77.1 115.7
141 98.9 50.8 76.2#

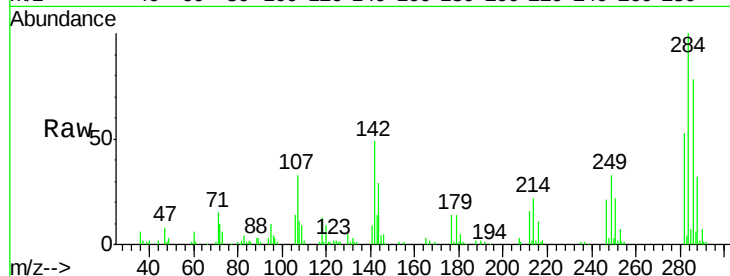




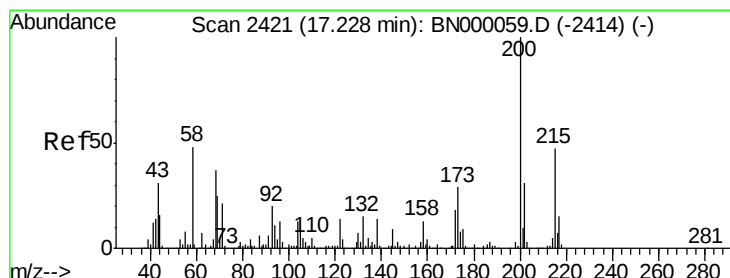
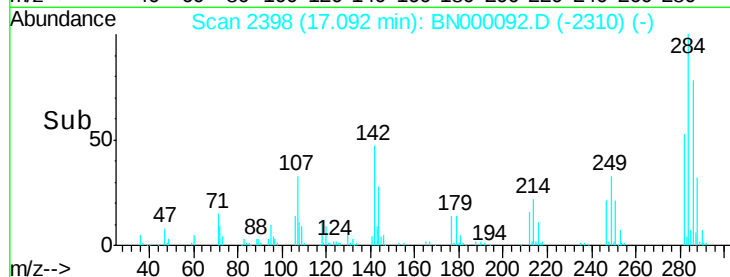
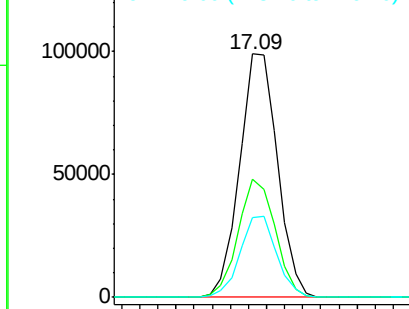
#67
Hexachlorobenzene
Concen: 6.98 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	48.7	26.8	40.2
249	32.8	26.3	39.5

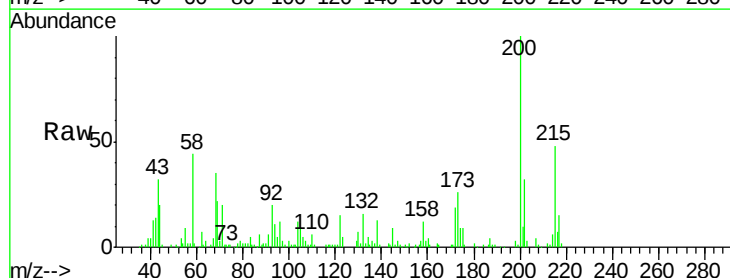


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

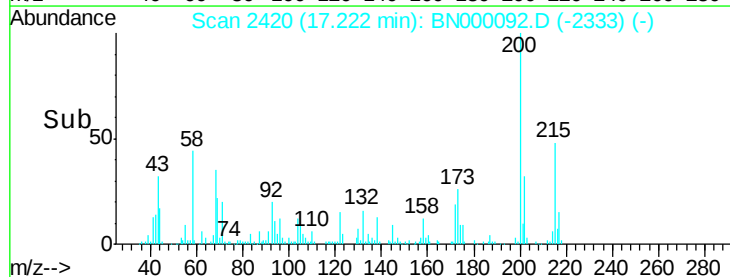
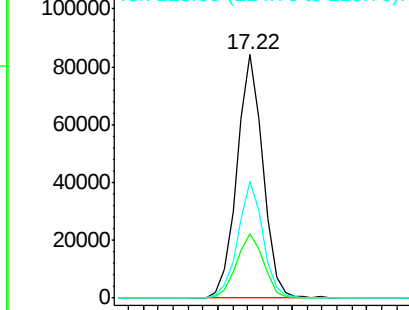


#68
Atrazine
Concen: 5.20 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.2	45.2
215	48.0	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 9.48 ng

RT: 17.43 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampled :

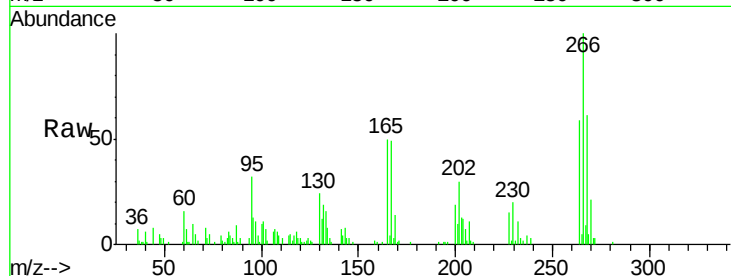
Tot Ion:266 Resp: 55804

Ion Ratio Lower Upper

266 100

268 61.0 51.1 76.7

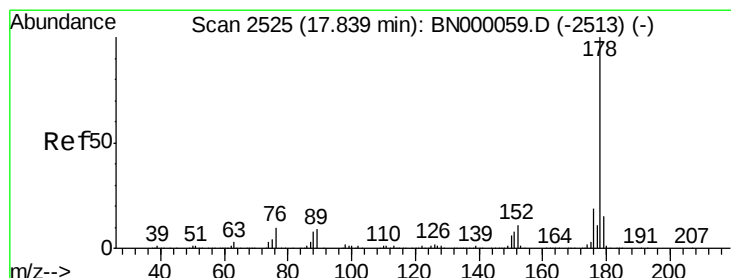
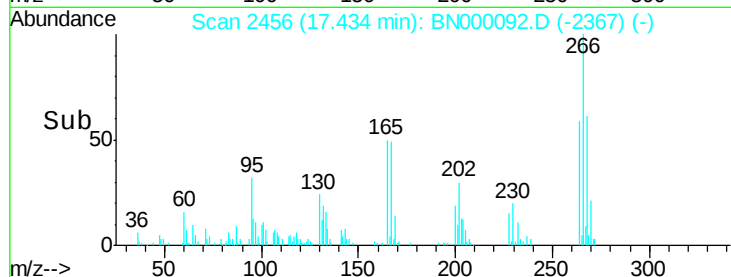
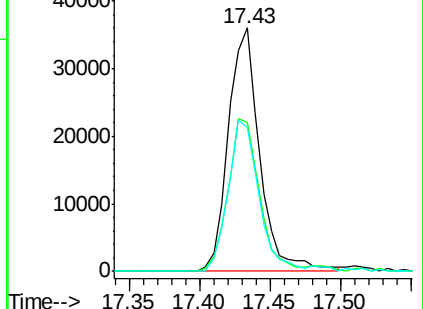
264 59.3 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 7.39 ng

RT: 17.83 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

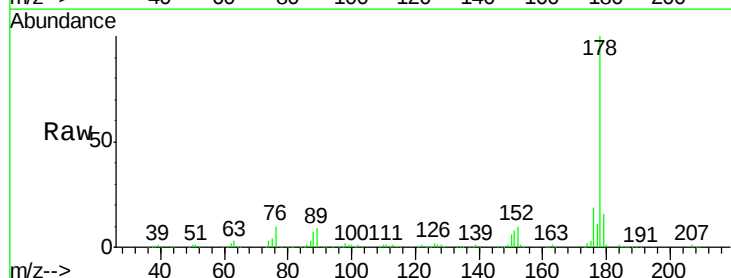
Tgt Ion:178 Resp: 809008

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

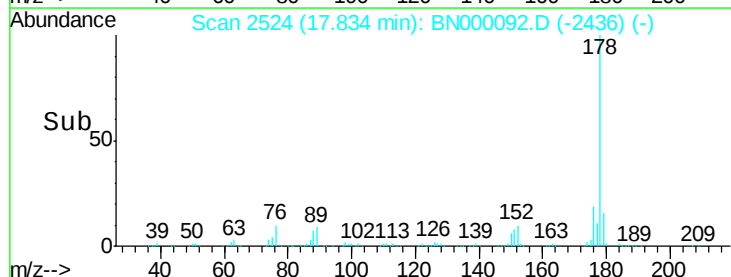
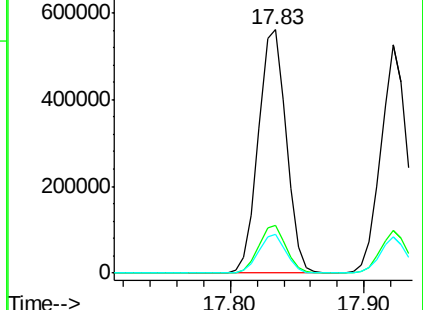
179 15.7 12.5 18.7

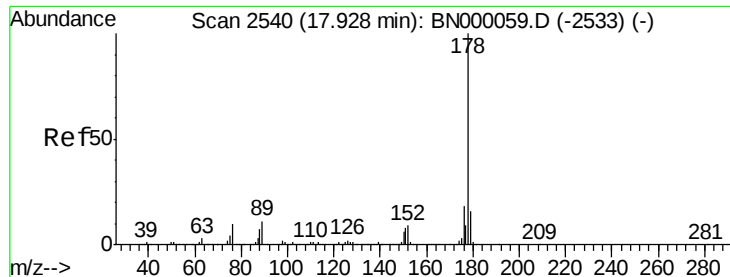


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

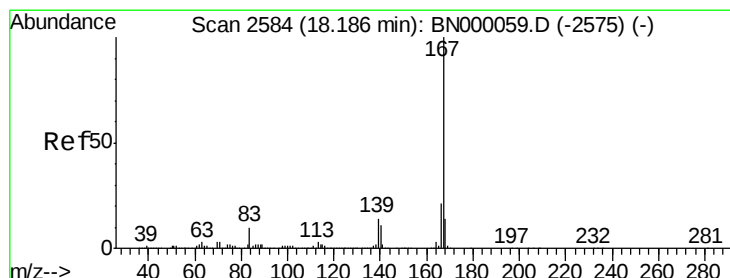
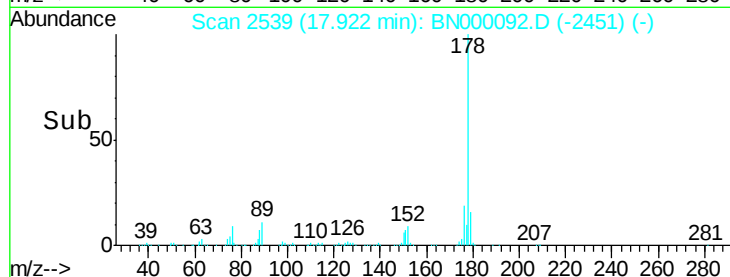
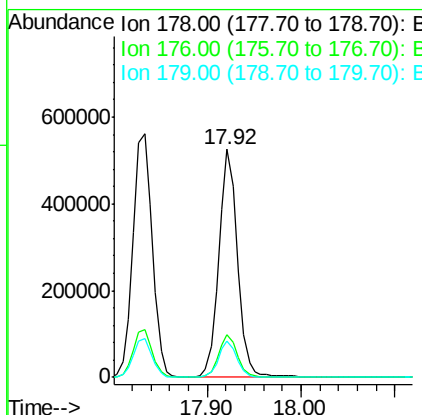
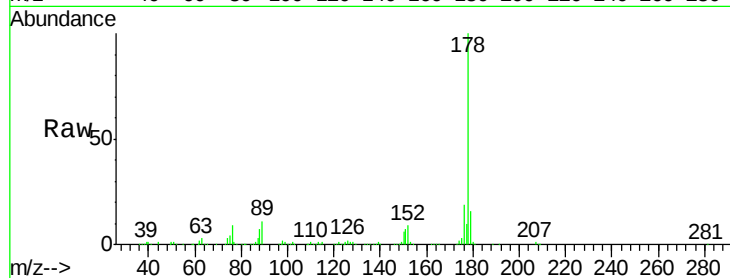




#71
 Anthracene
 Concen: 6.87 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

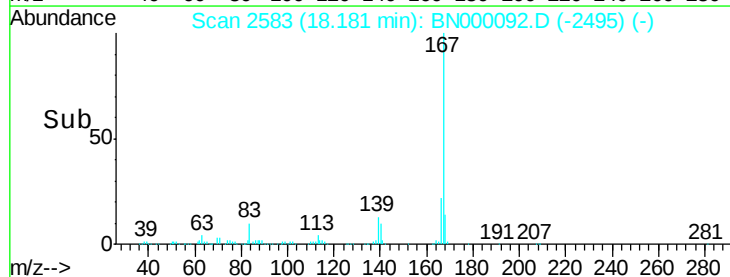
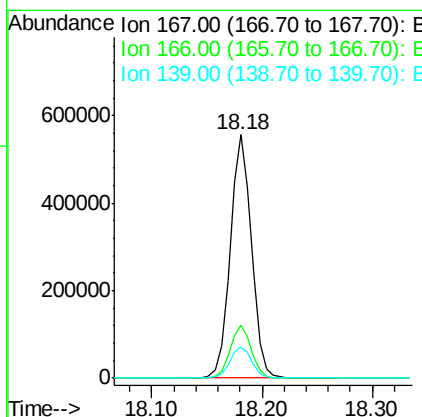
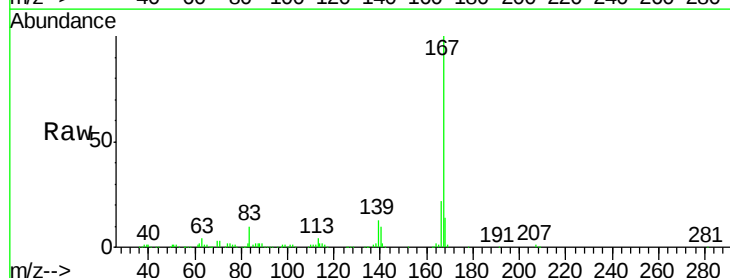
Instrument :
 BNA_N
 ClientSampleId :

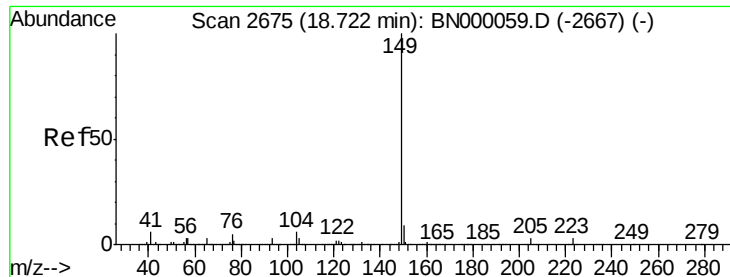
Tot Ion:178 Resp: 728216
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 7.03 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Tgt Ion:167 Resp: 750316
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 13.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 5.43 ng

RT: 18.72 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

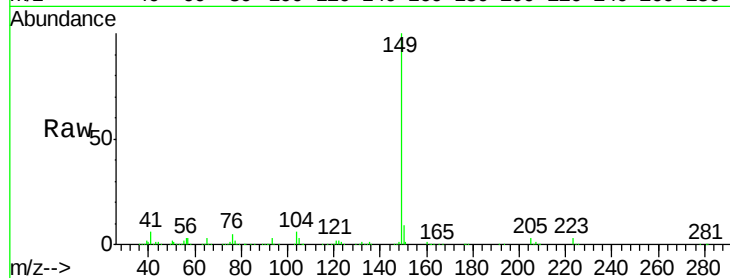
Tot Ion:149 Resp: 639836

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.6

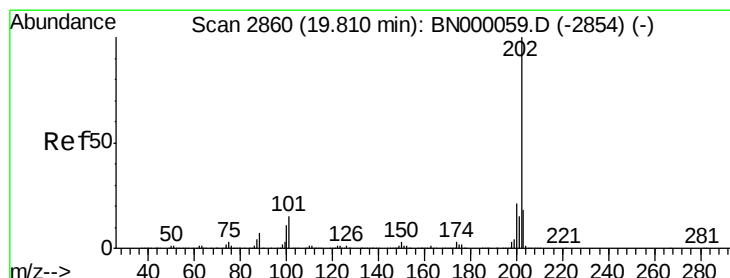
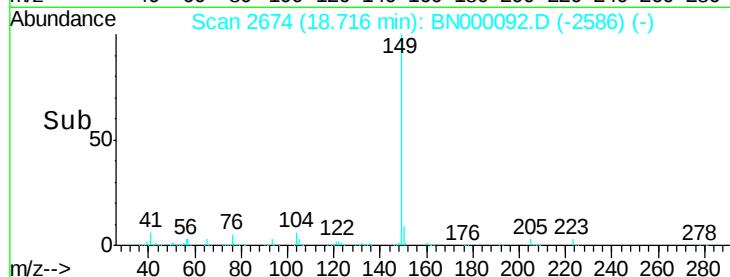
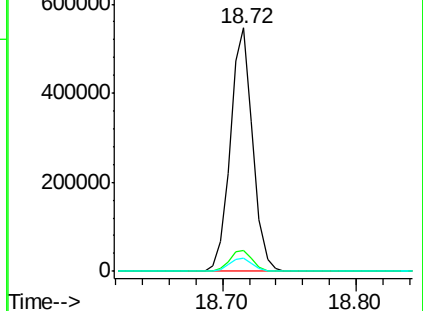
104 5.6 3.9 5.9



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: 7.26 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

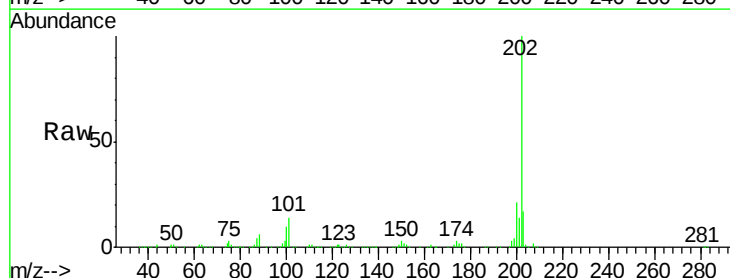
Tgt Ion:202 Resp: 833587

Ion Ratio Lower Upper

202 100

101 13.7 0.0 28.9

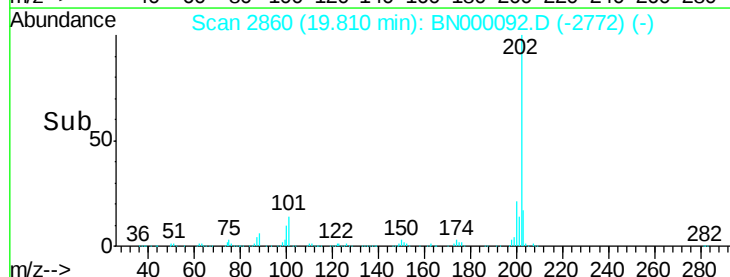
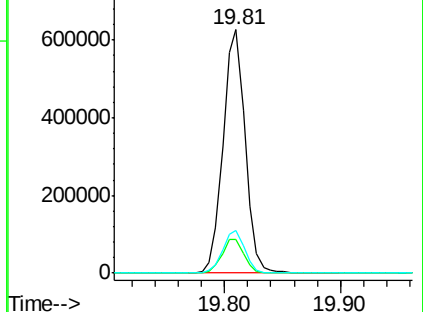
203 17.5 0.0 37.5

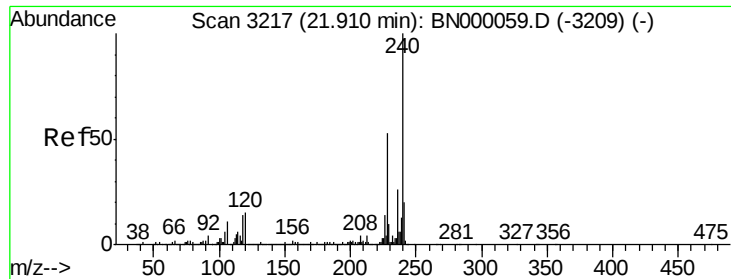


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

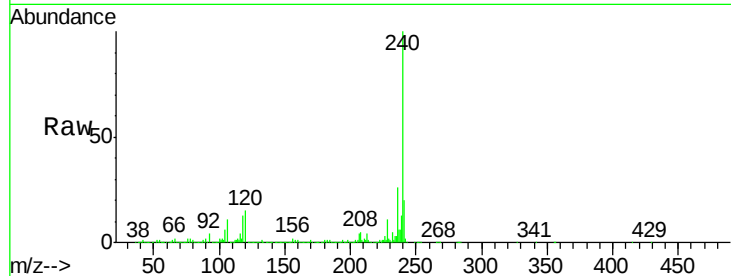
Tot Ion:240 Resp: 2211469

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

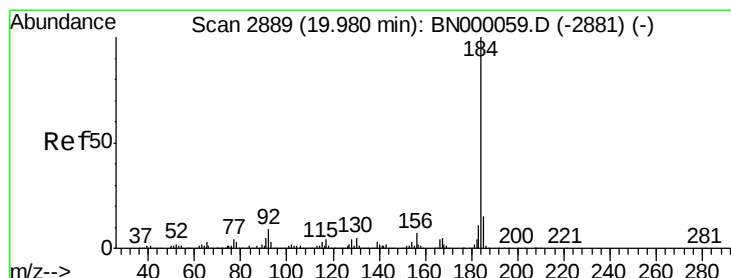
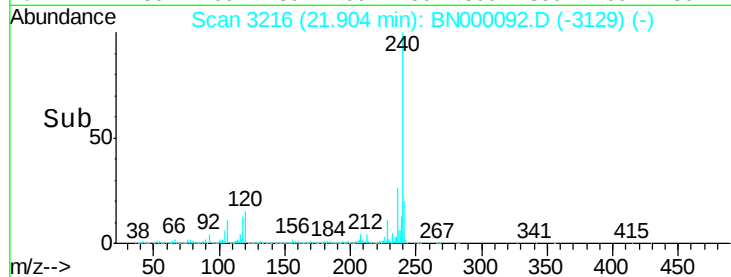
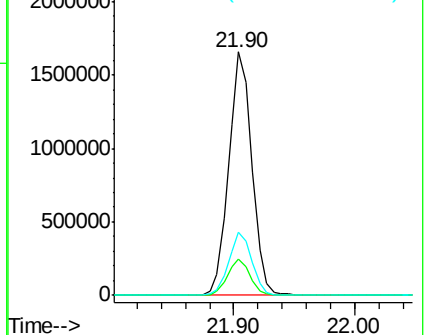
236 25.9 20.9 31.3



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: 2.78 ng

RT: 19.97 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

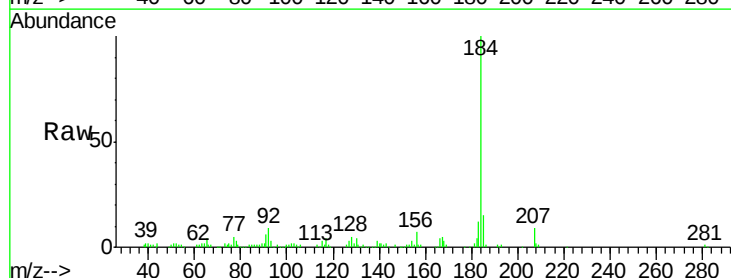
Tgt Ion:184 Resp: 196120

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

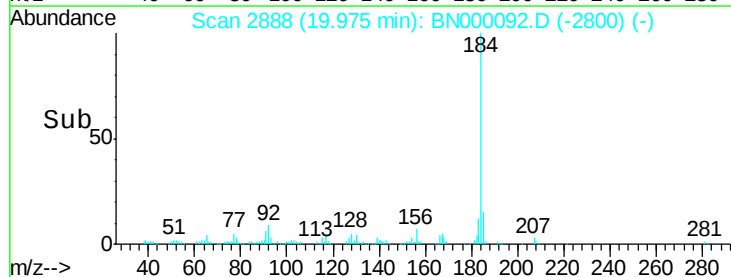
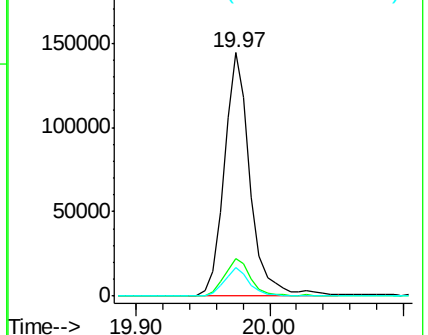
183 12.0 10.6 16.0

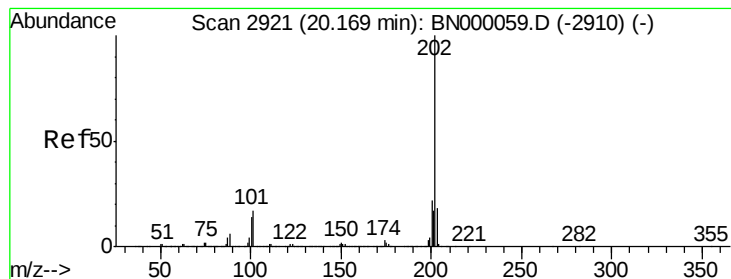


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 6.73 ng

RT: 20.17 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BN000092.D

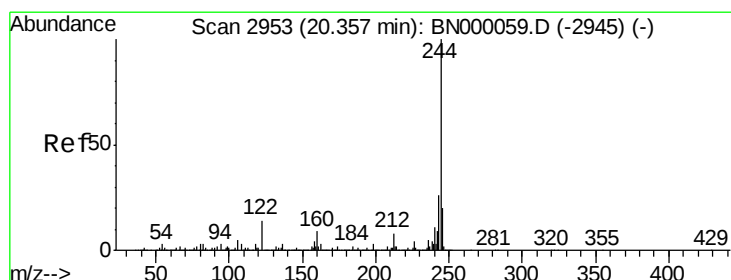
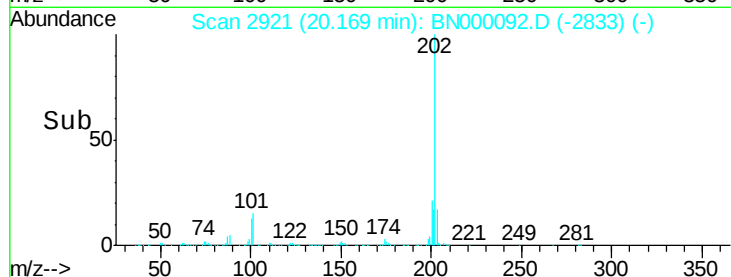
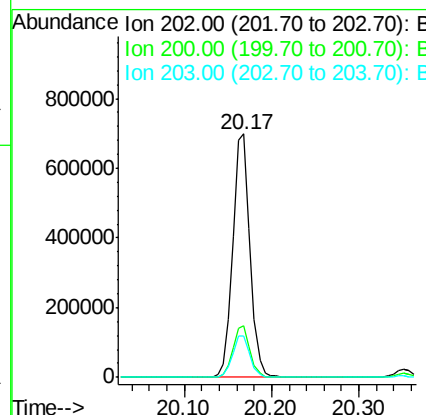
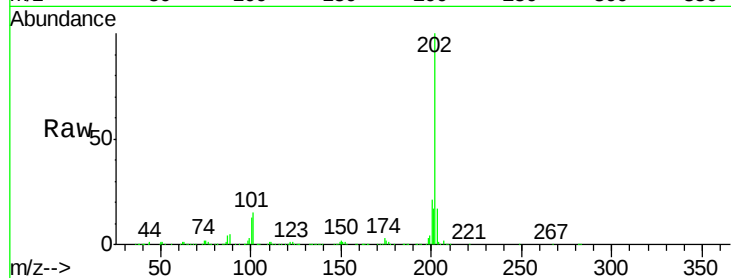
Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	202	Resp:	945357
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.3	13.9	20.9



#78

Terphenyl-d14

Concen: 94.16 ng

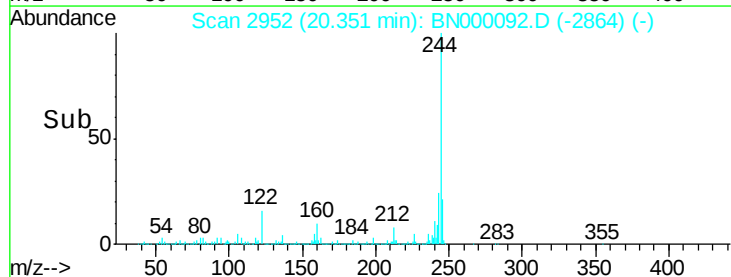
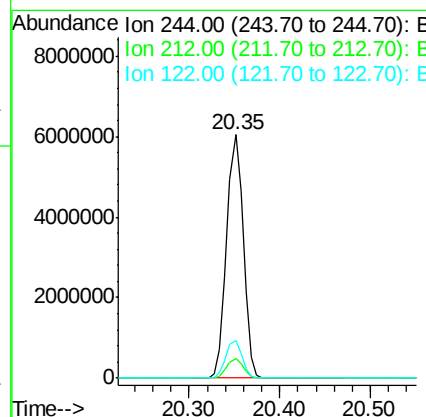
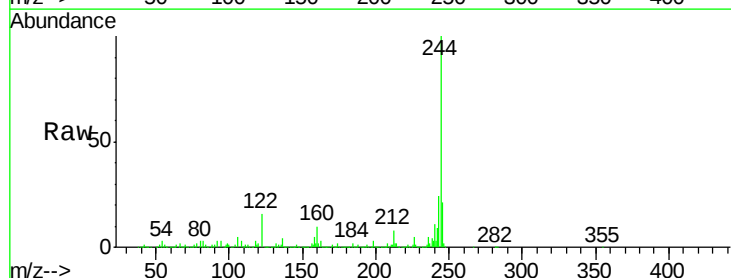
RT: 20.35 min Scan# 2952

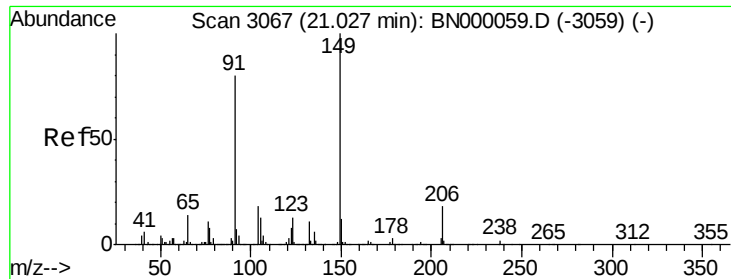
Delta R.T. -0.01 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Tgt Ion:	244	Resp:	7712114
Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	15.6	7.0	10.4#

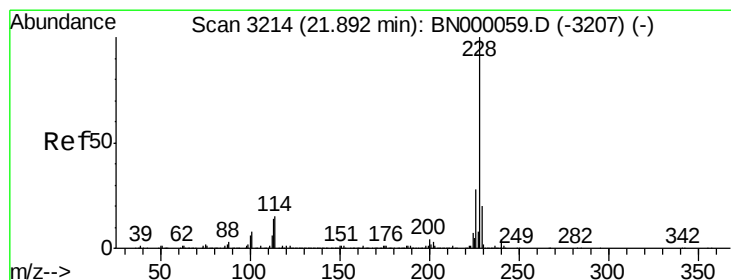
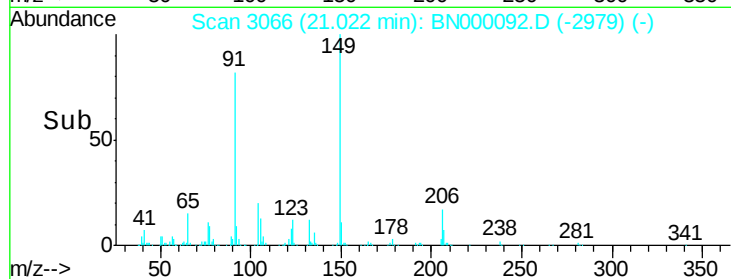
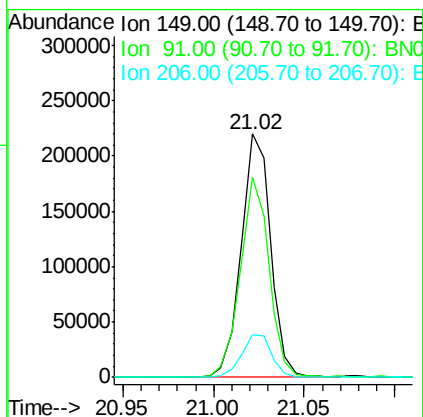
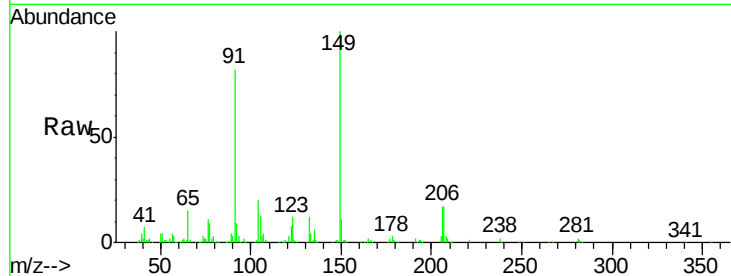




#79
Butylbenzylphthalate
Concen: 8.66 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

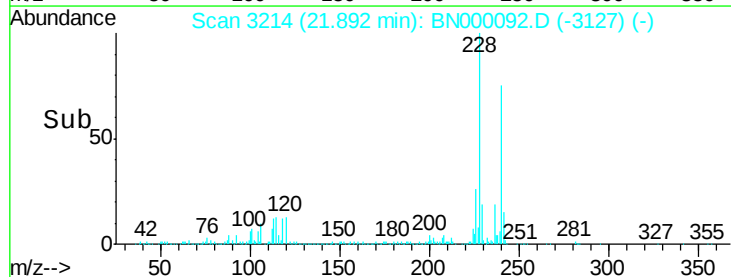
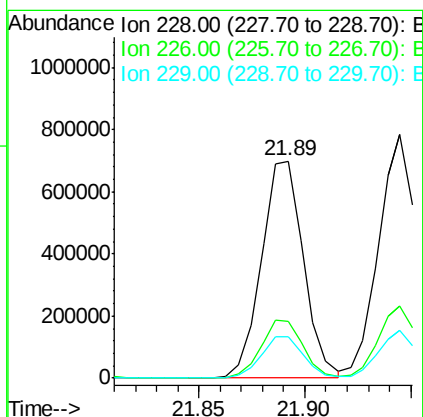
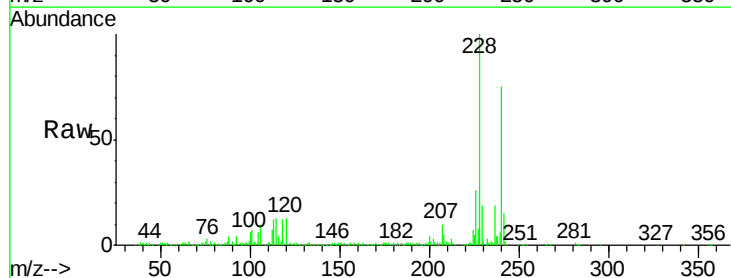
Instrument :
BNA_N
ClientSampled :

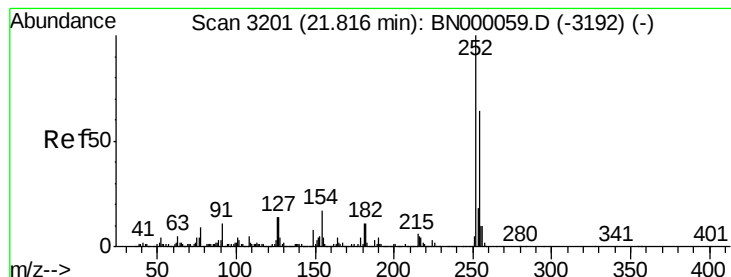
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.4	62.2	93.2
206	17.4	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 7.11 ng
RT: 21.89 min Scan# 3214
Delta R.T. -0.02 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.7	34.1
229	19.1	16.2	24.2

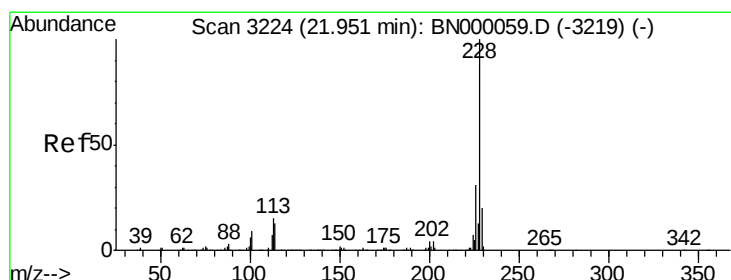
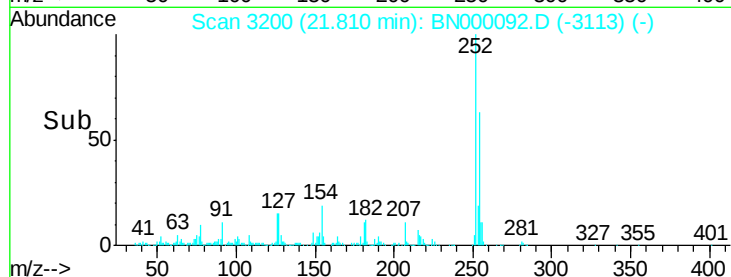
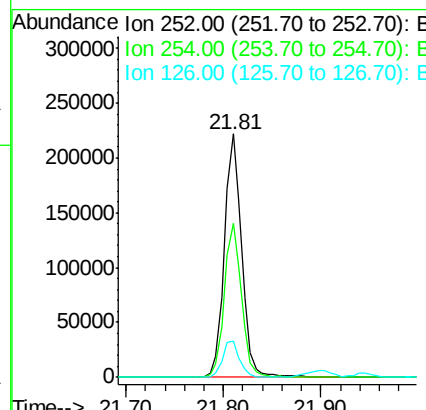
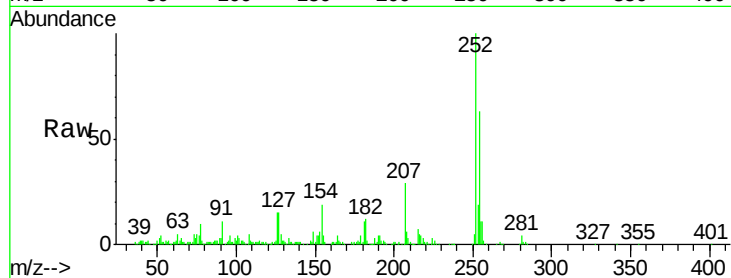




#81
 3,3'-Dichlorobenzidine
 Concen: 5.49 ng
 RT: 21.81 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

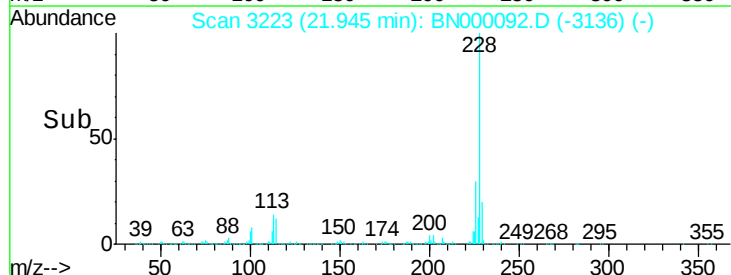
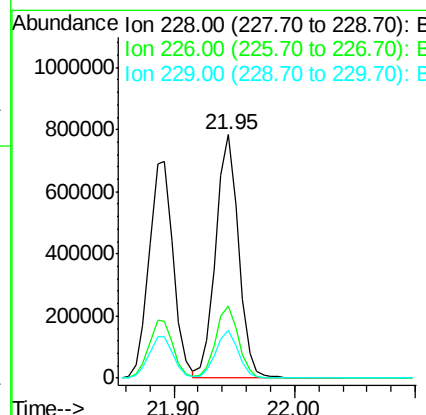
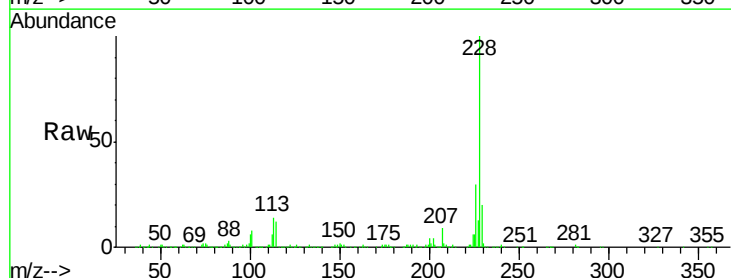
Instrument :
 BNA_N
 ClientSampled :

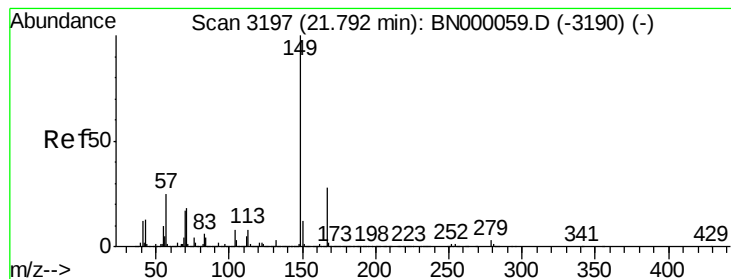
Tot Ion:252 Resp: 274276
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 14.6 7.4 11.2#



#82
 Chrysene
 Concen: 7.49 ng
 RT: 21.95 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Tgt Ion:228 Resp: 1014809
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 19.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.94 ng

RT: 21.79 min Scan# 3196

Delta R.T. -0.02 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

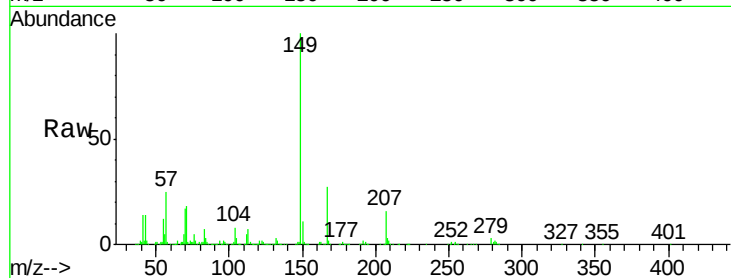
Tot Ion:149 Resp: 424667

Ion Ratio Lower Upper

149 100

167 26.9 24.3 36.5

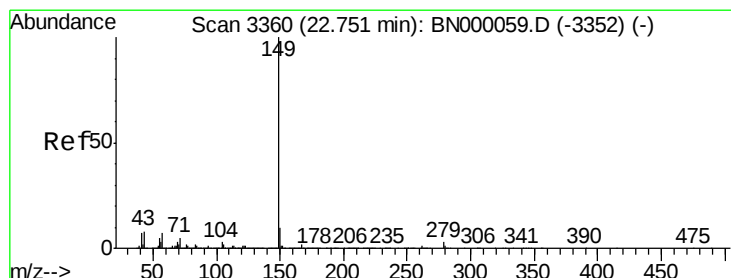
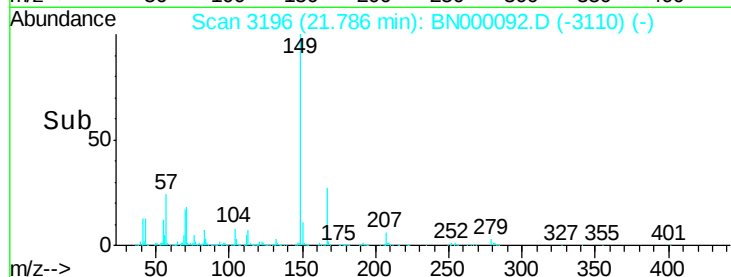
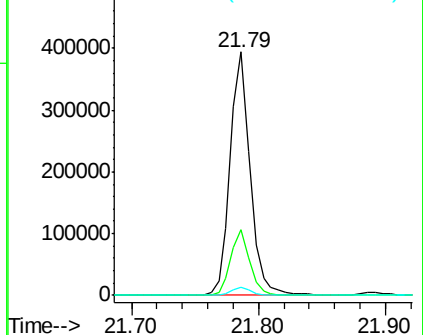
279 3.5 4.0 6.0#



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: 9.49 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.03 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

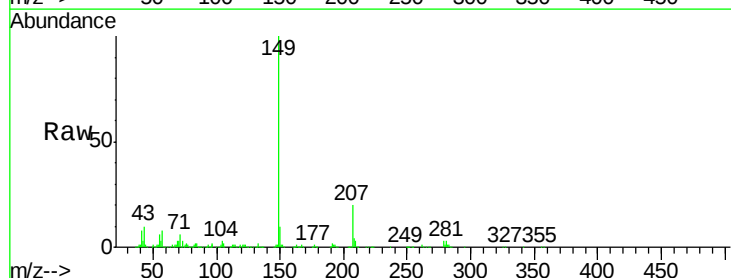
Tgt Ion:149 Resp: 604335

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

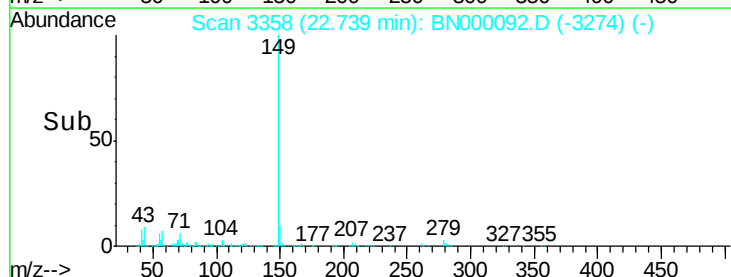
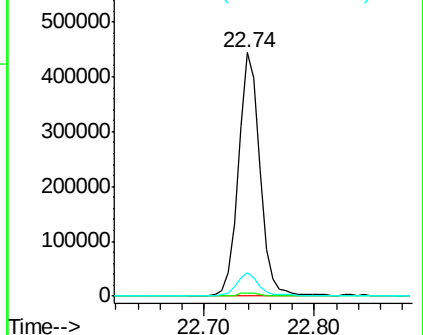
43 9.6 8.9 13.3

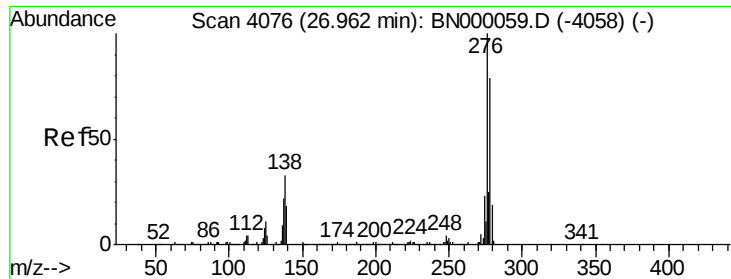


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

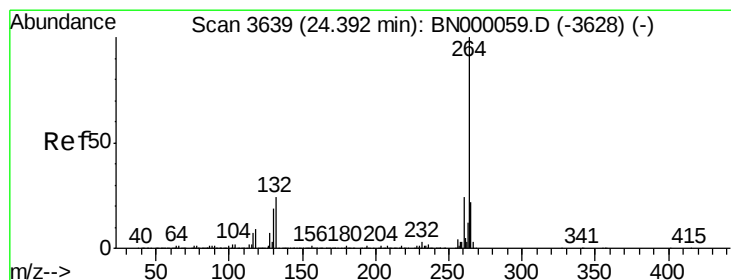
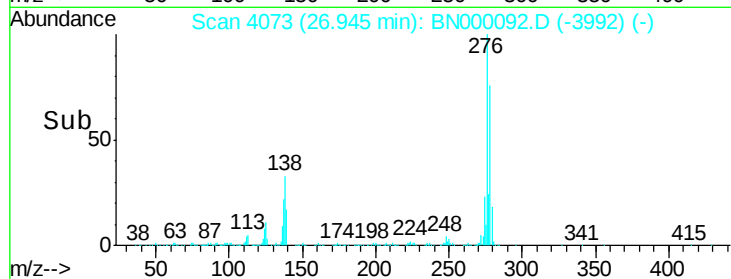
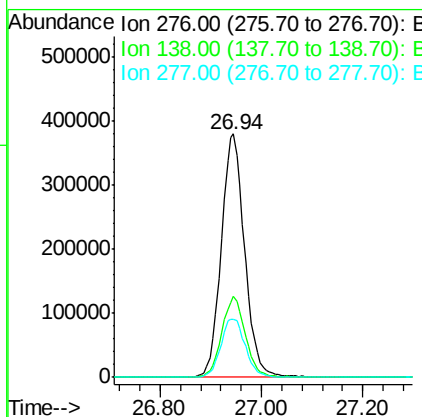
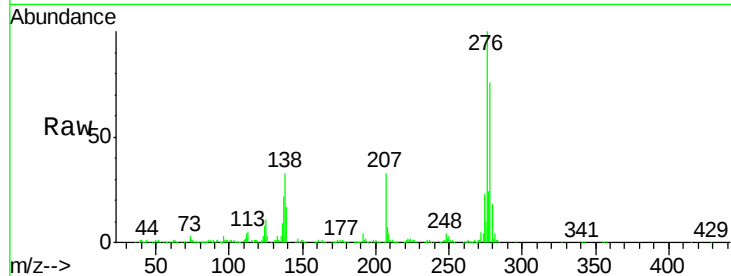




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.28 ng
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.05 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

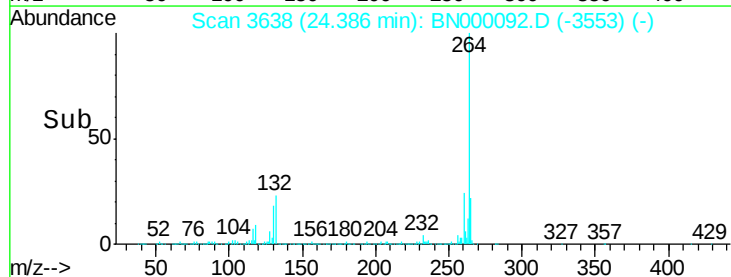
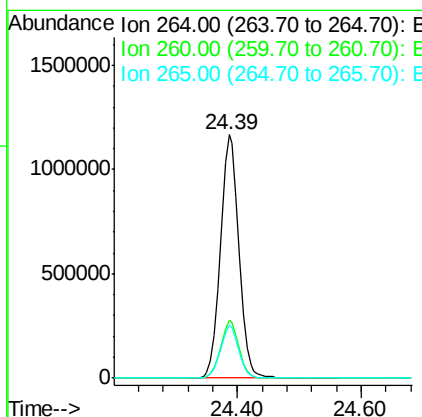
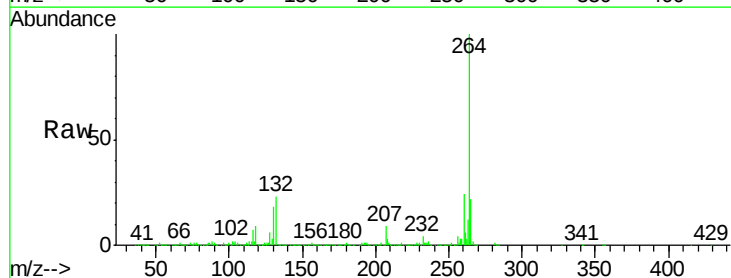
Instrument :
 BNA_N
 ClientSampled :

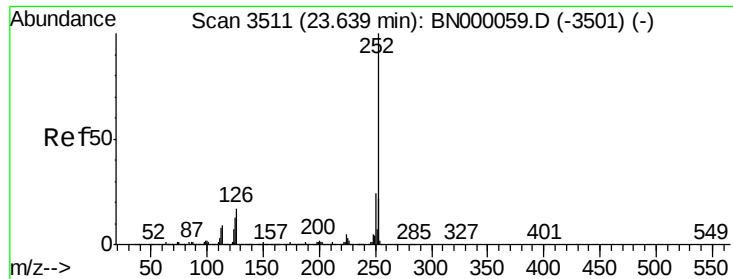
Tot Ion:276 Resp: 1210994
 Ion Ratio Lower Upper
 276 100
 138 33.4 16.0 24.0#
 277 25.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.39 min Scan# 3638
 Delta R.T. -0.03 min
 Lab File: BN000092.D
 Acq: 15 Feb 2018 12:23

Tgt Ion:264 Resp: 2429718
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 21.9 17.7 26.5

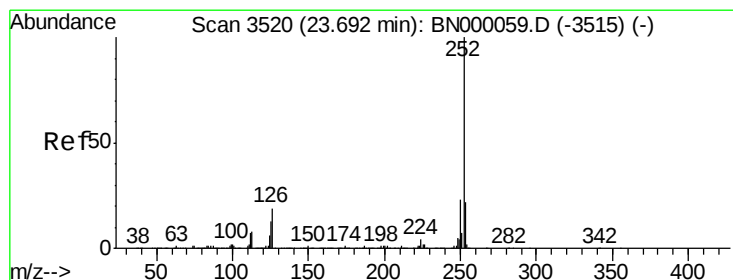
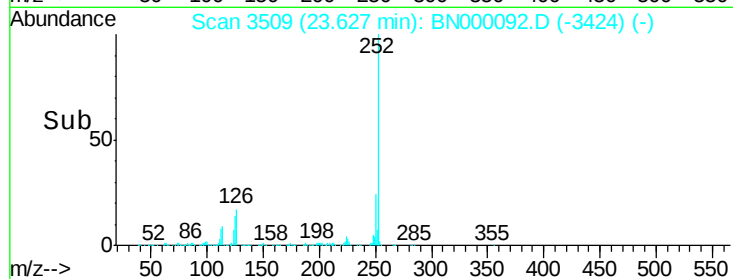
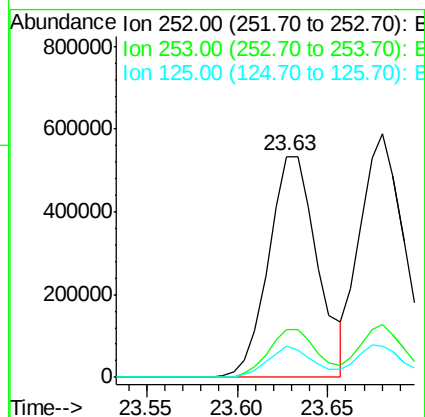
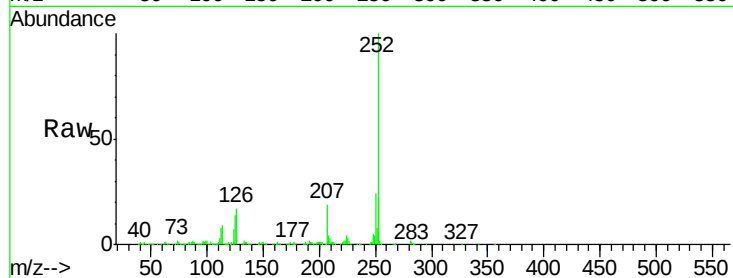




#87
Benzo(b)fluoranthene
Concen: 7.07 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

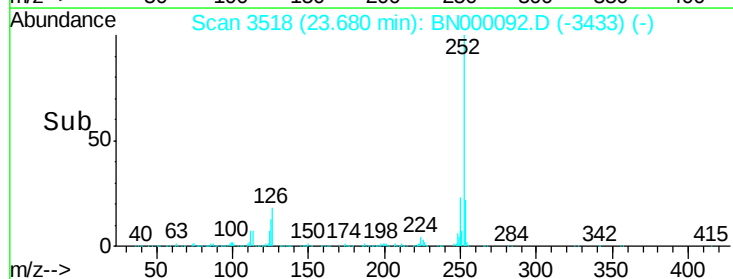
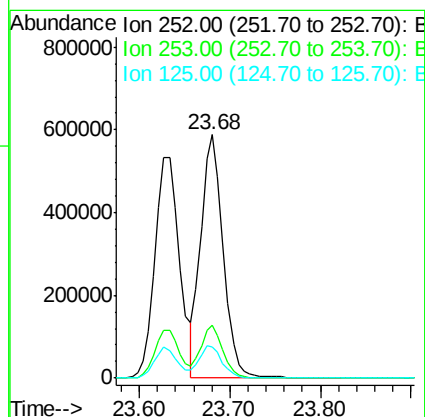
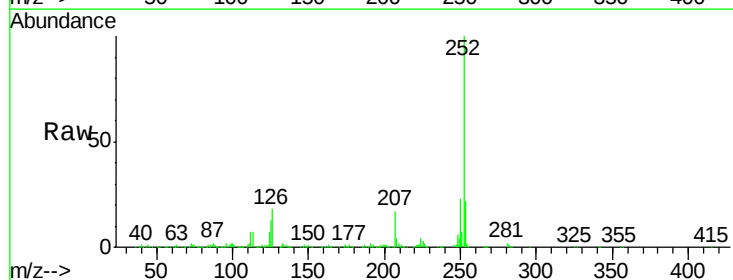
Instrument :
BNA_N
ClientSampleId :

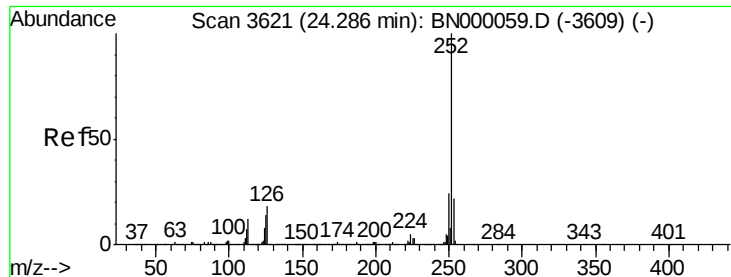
Tot Ion:252 Resp: 1005784
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 13.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 7.05 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.03 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:252 Resp: 1010321
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.9 6.6 9.8#

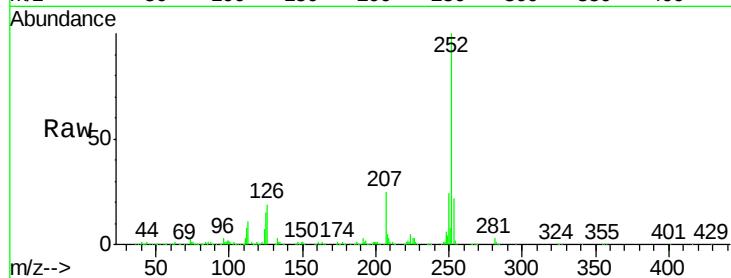




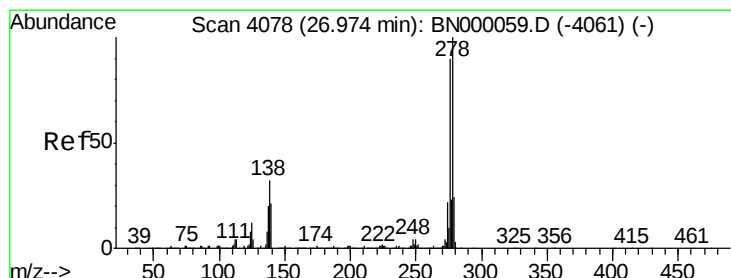
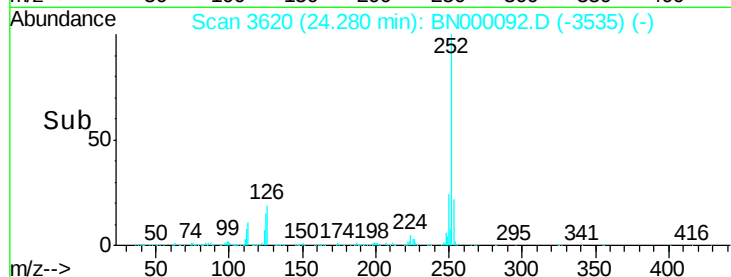
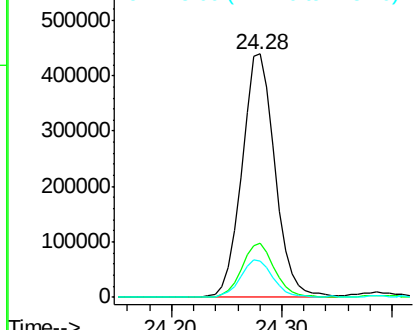
#89
Benzo(a)pyrene
Concen: 6.76 ng
RT: 24.28 min Scan# 3620
Delta R.T. -0.03 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 922276
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 15.1 7.3 10.9#

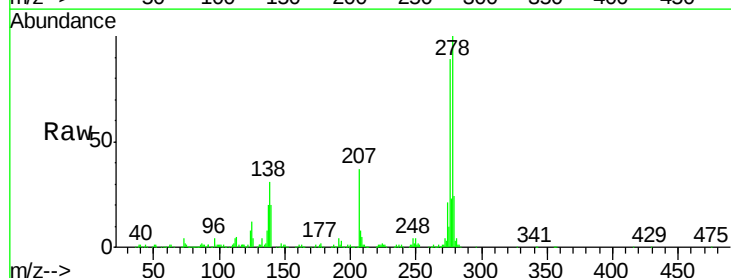


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

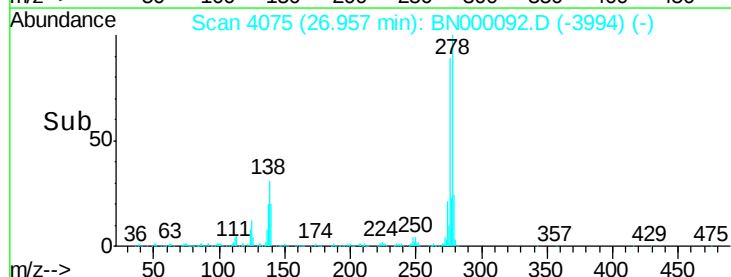
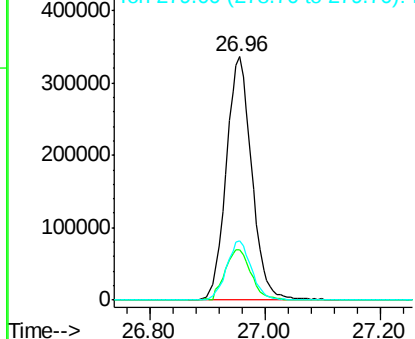


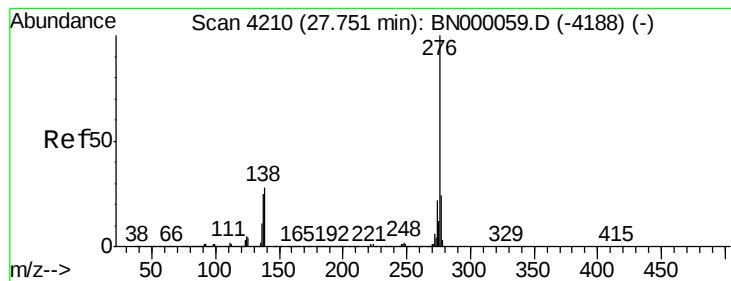
#90
Dibenzo(a,h)anthracene
Concen: 7.18 ng
RT: 26.96 min Scan# 4075
Delta R.T. -0.05 min
Lab File: BN000092.D
Acq: 15 Feb 2018 12:23

Tgt Ion:278 Resp: 1024345
Ion Ratio Lower Upper
278 100
139 20.4 9.8 14.6#
279 24.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 6.96 ng

RT: 27.73 min Scan# 4206

Delta R.T. -0.06 min

Lab File: BN000092.D

Acq: 15 Feb 2018 12:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 1003782

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 28.0 13.9 20.9#

