

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000044.D
 Acq On : 07 Feb 2018 20:23
 Operator : JU/SJ
 Sample : MDL-S-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 08 04:25:42 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	8.47	152	318989	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	1570371	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	1004977	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2410365	20.00	ng	0.00
75) Chrysene-d12	21.92	240	2679854	20.00	ng	0.00
86) Perylene-d12	24.40	264	2790666	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	3059171	156.30	ng	0.00
7) Phenol-d6	7.59	99	4335372	146.23	ng	0.00
23) Nitrobenzene-d5	9.65	82	2171224	82.20	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	1282040	128.88	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	5914879	82.95	ng	0.00
78) Terphenyl-d14	20.36	244	9162025	92.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	25562	3.25	ng	# 95
3) Pyridine	4.14	79	43934	1.79	ng	# 94
4) n-Nitrosodimethylamine	4.01	42	23032	3.32	ng	# 93
6) Aniline	7.77	93	108188	2.65	ng	# 90
8) 2-Chlorophenol	8.02	128	86185	3.77	ng	# 95
9) Benzaldehyde	7.59	77	68568	3.72	ng	# 96
10) Phenol	7.62	94	123462	3.94	ng	# 96
11) bis(2-Chloroethyl)ether	7.87	93	80805	3.14	ng	# 83
12) 1,3-Dichlorobenzene	8.36	146	78727	3.03	ng	# 99
13) 1,4-Dichlorobenzene	8.50	146	82471	3.11	ng	# 95
14) 1,2-Dichlorobenzene	8.83	146	82969	3.17	ng	# 98
15) Benzyl Alcohol	8.70	79	59298	2.78	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	83741	3.07	ng	# 81
17) 2-Methylphenol	8.90	107	70626	3.18	ng	# 93
18) Hexachloroethane	9.58	117	26613	2.88	ng	# 79
19) n-Nitroso-di-n-propylamine	9.27	70	47545	2.39	ng	# 84
20) 3+4-Methylphenols	9.22	107	90128	2.90	ng	# 95
22) Acetophenone	9.30	105	124194	2.82	ng	# 87
24) Nitrobenzene	9.69	77	97819	3.39	ng	# 97
25) Isophorone	10.21	82	138835	2.54	ng	# 94
26) 2-Nitrophenol	10.40	139	20018	8.63	ng	# 91
27) 2,4-Dimethylphenol	10.45	122	85205	3.60	ng	# 94
28) bis(2-Chloroethoxy)methane	10.69	93	111357	3.18	ng	# 94
29) 2,4-Dichlorophenol	10.94	162	59084	2.70	ng	# 94
30) 1,2,4-Trichlorobenzene	11.16	180	74441	2.95	ng	# 96
31) Naphthalene	11.36	128	272461	3.16	ng	# 99
32) Benzoic acid	10.45	122	85205	14.33	ng	# 6
33) 4-Chloroaniline	11.46	127	104796	2.77	ng	# 94
34) Hexachlorobutadiene	11.63	225	37328	2.85	ng	# 97
35) Caprolactam	12.18	113	16779	5.62	ng	# 92
36) 4-Chloro-3-methylphenol	12.53	107	71352	2.57	ng	# 98
37) 2-Methylnaphthalene	12.93	142	189144	3.16	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	84215	2.84	ng	# 96
40) Hexachlorocyclopentadiene	13.27	237	27618	2.23	ng	# 96

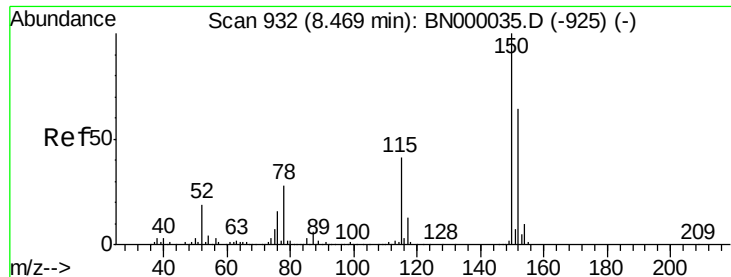
Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	36159	2.03	nq	99
43) 2,4,5-Trichlorophenol	13.59	196	43063	2.01	nq	# 91
45) 1,1'-Biphenyl	13.92	154	278748	3.15	nq	97
46) 2-Chloronaphthalene	13.97	162	195777	2.95	nq	96
47) 2-Nitroaniline	14.15	65	29630	6.24	nq	# 82
48) Acenaphthylene	14.80	152	276955	2.59	nq	98
49) Dimethylphthalate	14.52	163	236871	2.82	nq	99
50) 2,6-Dinitrotoluene	14.63	165	30158	1.74	nq	# 90
51) Acenaphthene	15.14	154	202956	2.91	nq	97
52) 3-Nitroaniline	14.96	138	38056	1.81	nq	93
53) 2,4-Dinitrophenol	15.17	184	6331	10.14	nq	# 1
54) Dibenzofuran	15.47	168	329657	3.34	nq	94
55) 4-Nitrophenol	15.24	139	25015	6.33	nq	# 85
56) 2,4-Dinitrotoluene	15.41	165	37648	5.57	nq	96
57) Fluorene	16.11	166	253915	3.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.60	232	31456	1.86	nq	92
59) Diethylphthalate	15.86	149	238410	2.79	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	120293	3.28	nq	93
61) 4-Nitroaniline	16.11	138	40114	1.85	nq	94
62) Azobenzene	16.39	77	234416	2.76	nq	90
64) 4,6-Dinitro-2-methylphenol	16.16	198	11107	9.50	nq	# 79
65) n-Nitrosodiphenylamine	16.30	169	209797	2.67	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	63666	2.78	nq	# 82
67) Hexachlorobenzene	17.10	284	78290	2.92	nq	# 87
68) Atrazine	17.23	200	56150	2.20	nq	97
69) Pentachlorophenol	17.44	266	24525	7.06	nq	98
70) Phenanthrene	17.84	178	461424	3.24	nq	99
71) Anthracene	17.93	178	397488	2.88	nq	99
72) Carbazole	18.19	167	385160	2.77	nq	96
73) Di-n-butylphthalate	18.73	149	295504	1.93	nq	# 98
74) Fluoranthene	19.82	202	442975	2.97	nq	94
76) Benzidine	19.98	184	92816	1.09	nq	95
77) Pyrene	20.17	202	489711	2.88	nq	98
79) Butylbenzylphthalate	21.03	149	105909	6.54	nq	# 96
80) Benzo(a)anthracene	21.90	228	500716	3.04	nq	97
81) 3,3'-Dichlorobenzidine	21.82	252	122769	2.03	nq	# 98
82) Chrysene	21.95	228	525391	3.20	nq	98
83) Bis(2-ethylhexyl)phthalate	21.80	149	158508	4.15	nq	# 91
84) Di-n-octyl phthalate	22.76	149	241457	7.63	nq	99
85) Indeno(1,2,3-cd)pyrene	26.96	276	539744	2.68	nq	# 86
87) Benzo(b)fluoranthene	23.65	252	482297	2.95	nq	# 95
88) Benzo(k)fluoranthene	23.69	252	491661	2.99	nq	# 95
89) Benzo(a)pyrene	24.29	252	446635	2.85	nq	# 95
90) Dibenzo(a,h)anthracene	26.98	278	459493	2.80	nq	# 92
91) Benzo(g,h,i)perylene	27.74	276	466068	2.81	nq	# 89

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

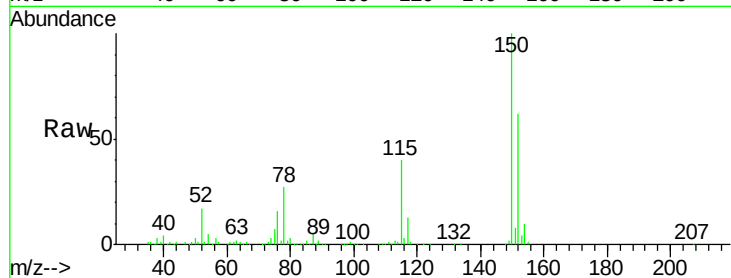


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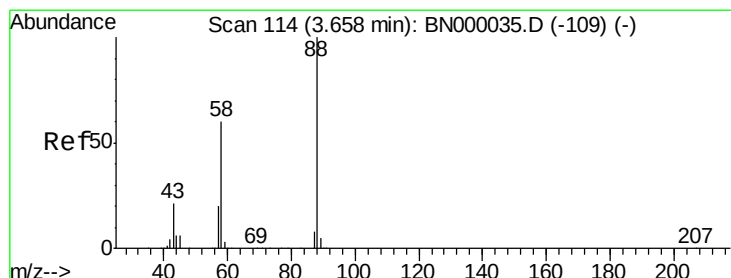
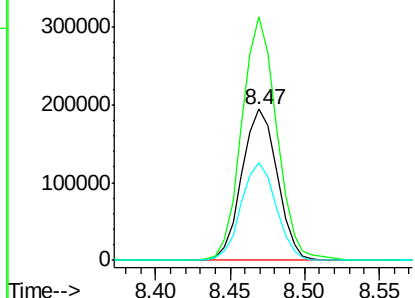
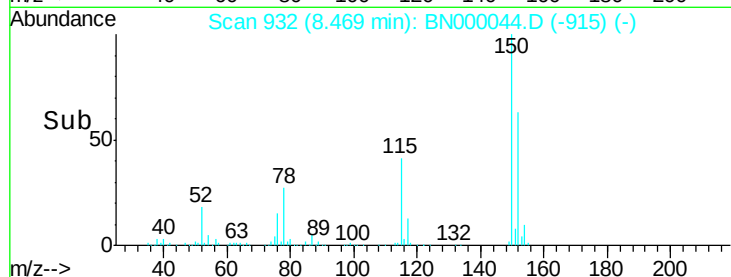
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.6	189.8
115	64.9	53.0	79.4



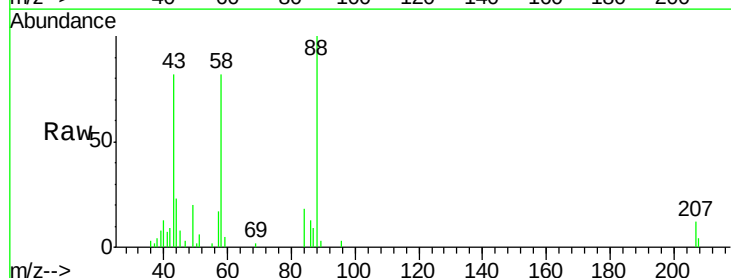
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



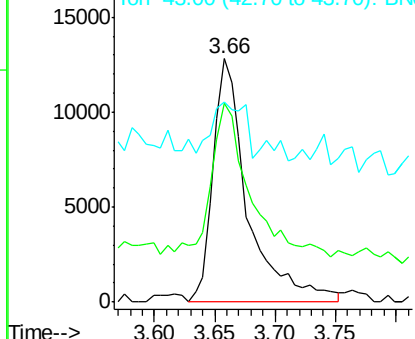
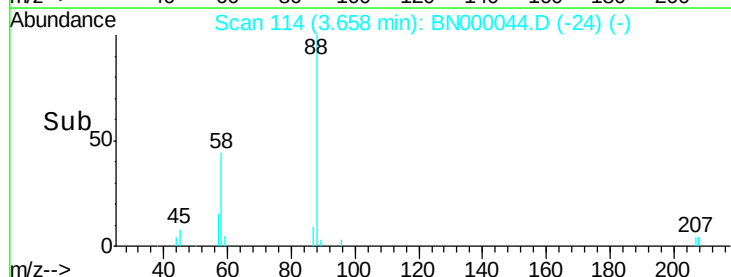
#2

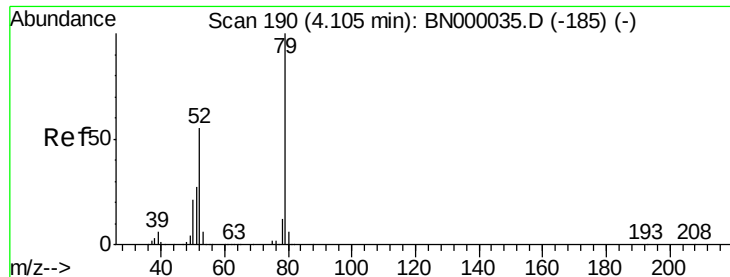
1,4-Dioxane
Concen: 3.25 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	52.0	78.0
43	19.2	20.0	30.0



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





#3

Pvridine

Concen: 1.79 ng

RT: 4.14 min Scan# 196

Delta R.T. 0.04 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

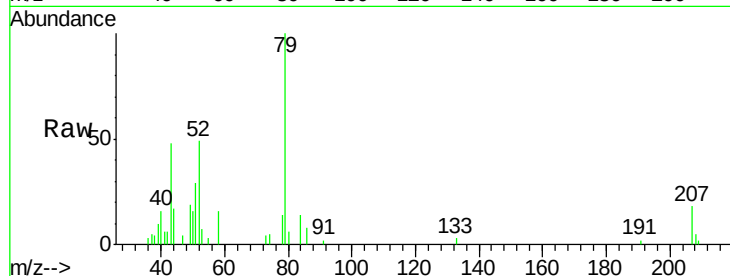
Tot Ion: 79 Resp: 43934

Ion Ratio Lower Upper

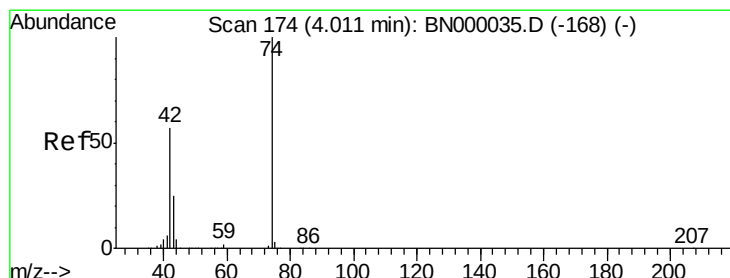
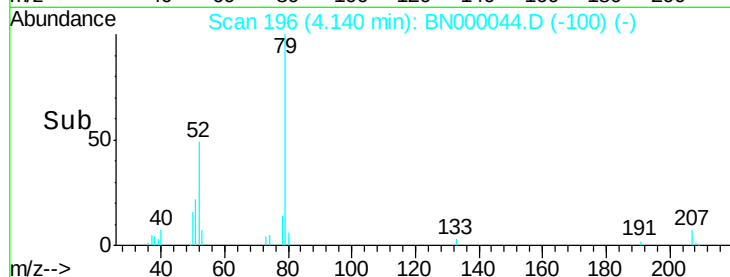
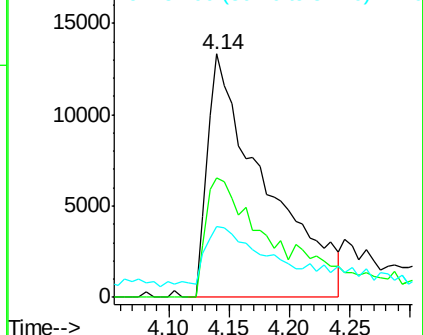
79 100

52 48.9 44.0 66.0

51 29.2 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: 3.32 ng

RT: 4.01 min Scan# 174

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

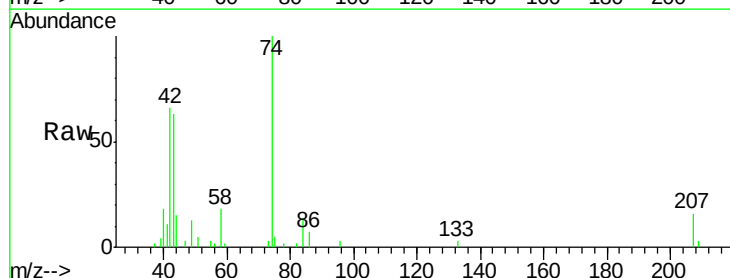
Tgt Ion: 42 Resp: 23032

Ion Ratio Lower Upper

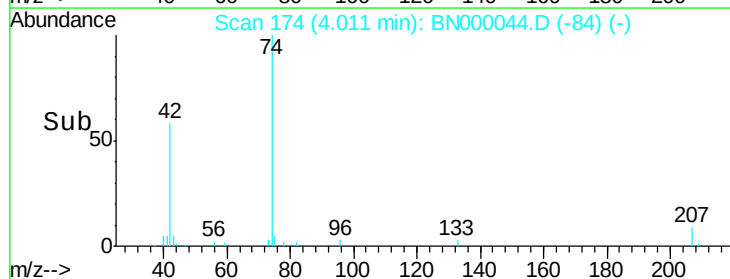
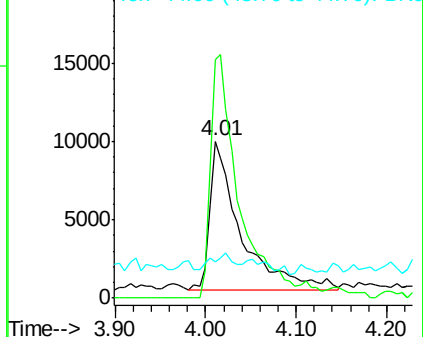
42 100

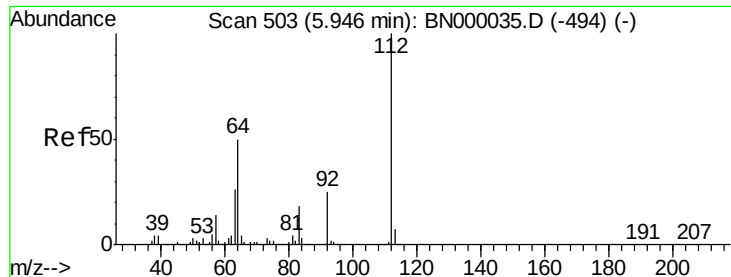
74 152.3 128.0 192.0

44 23.1 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: 156.30 ng

RT: 5.95 min Scan# 503

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampled :

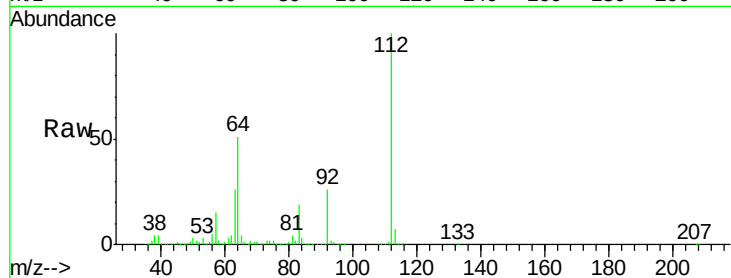
Tot Ion:112 Resp: 3059171

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

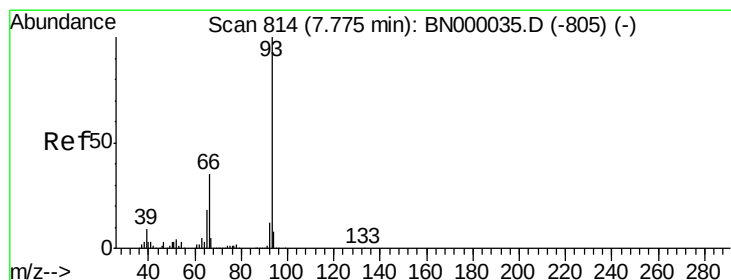
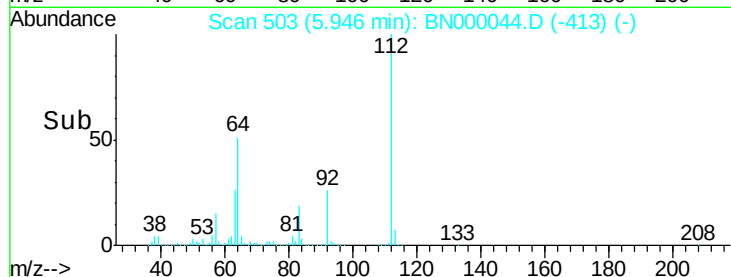
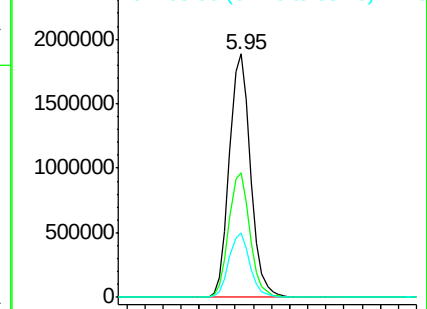
63 26.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 2.65 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

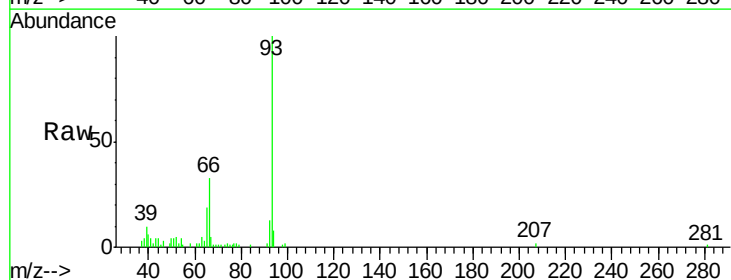
Tgt Ion: 93 Resp: 108188

Ion Ratio Lower Upper

93 100

66 33.4 33.7 50.5#

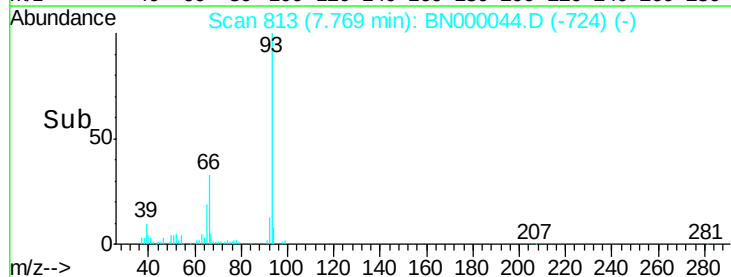
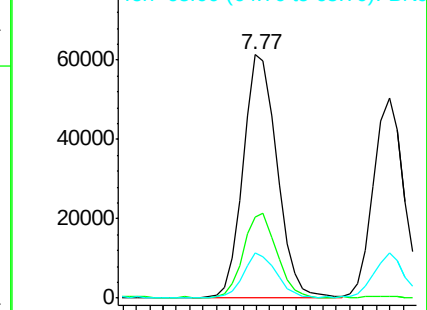
65 18.6 16.1 24.1

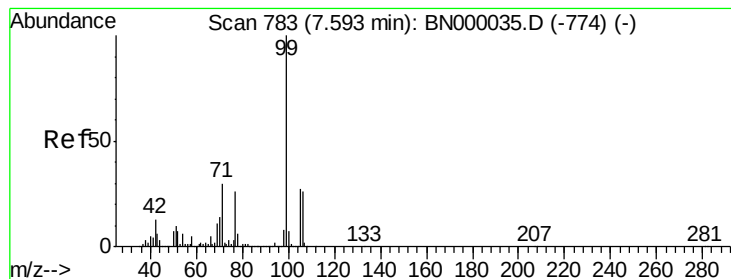


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 146.23 ng

RT: 7.59 min Scan# 783

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

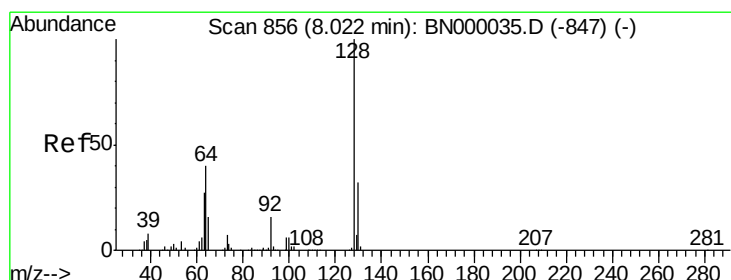
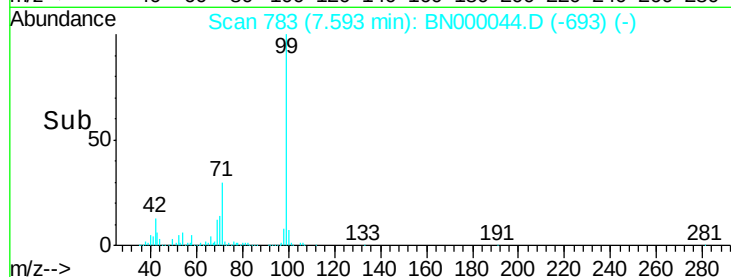
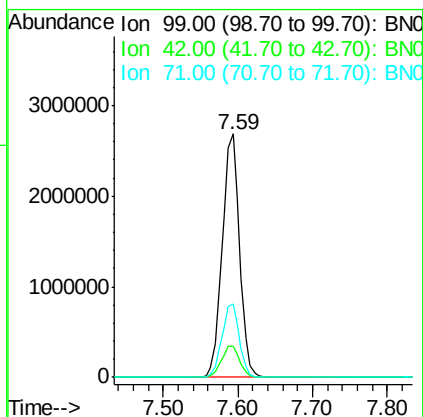
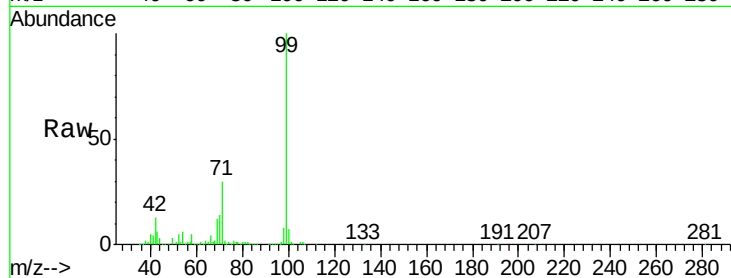
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 4335372

Ion	Ratio	Lower	Upper
99	100		
42	12.6	14.1	21.1#
71	30.0	26.1	39.1



#8

2-Chlorophenol

Concen: 3.77 ng

RT: 8.02 min Scan# 855

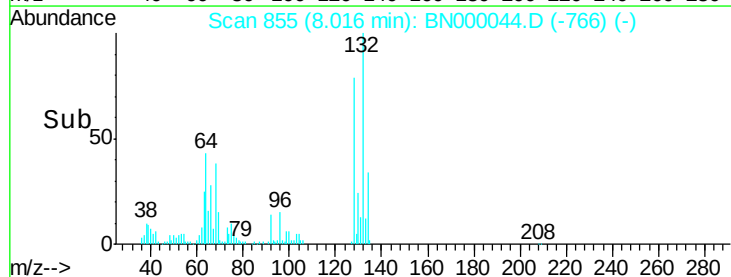
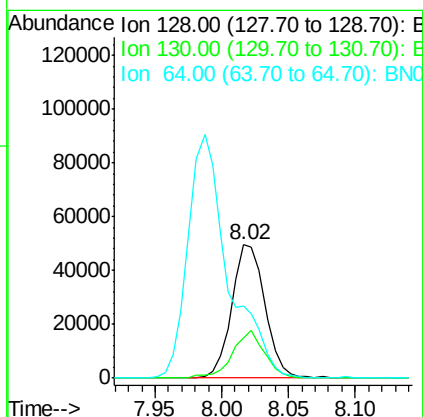
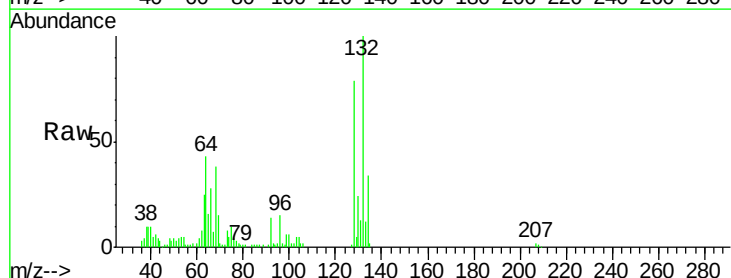
Delta R.T. -0.01 min

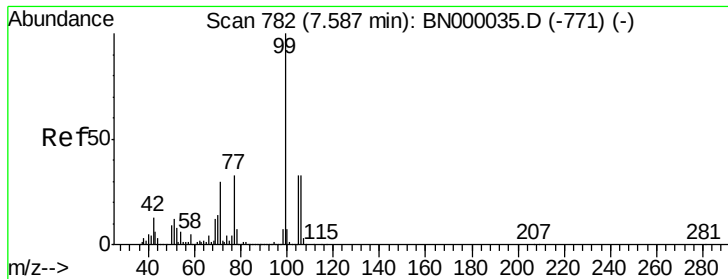
Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion: 128 Resp: 86185

Ion	Ratio	Lower	Upper
128	100		
130	30.2	14.0	54.0
64	54.2	37.7	77.7





#9

Benzaldehyde

Concen: 3.72 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampled :

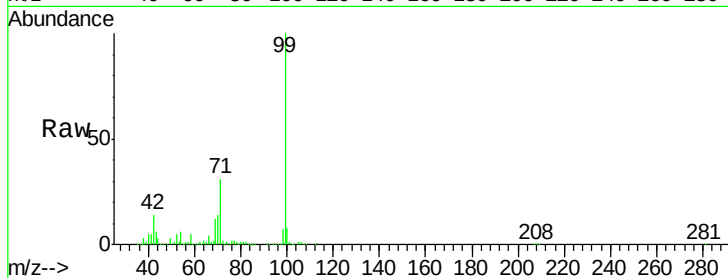
Tot Ion: 77 Resp: 68568

Ion Ratio Lower Upper

77 100

105 95.6 71.3 111.3

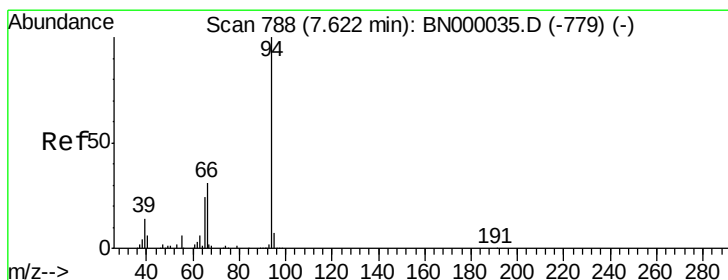
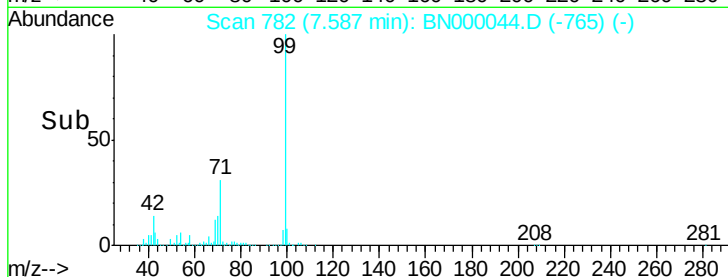
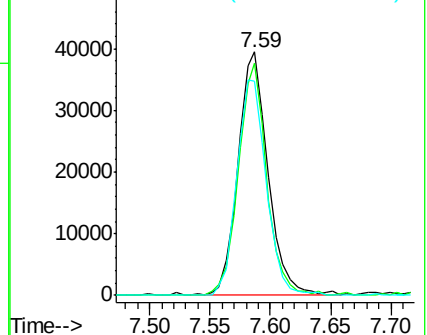
106 87.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 3.94 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

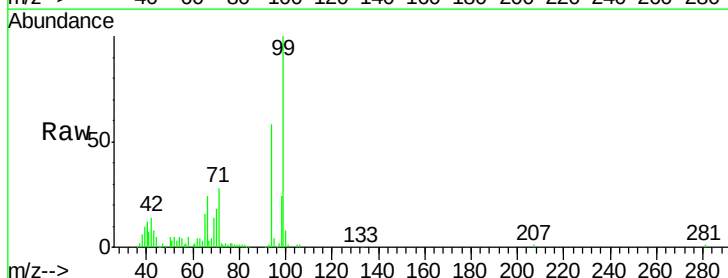
Tgt Ion: 94 Resp: 123462

Ion Ratio Lower Upper

94 100

65 28.1 11.9 51.9

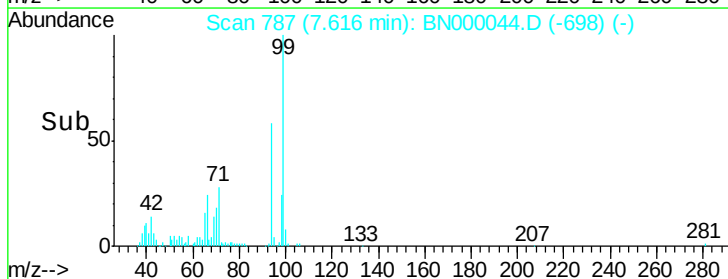
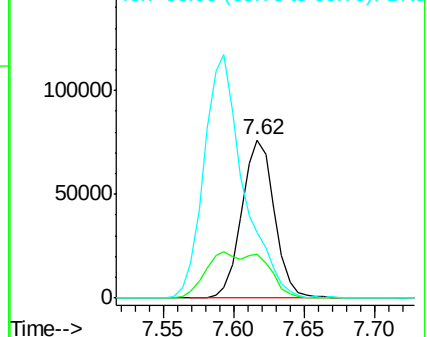
66 41.2 22.2 62.2

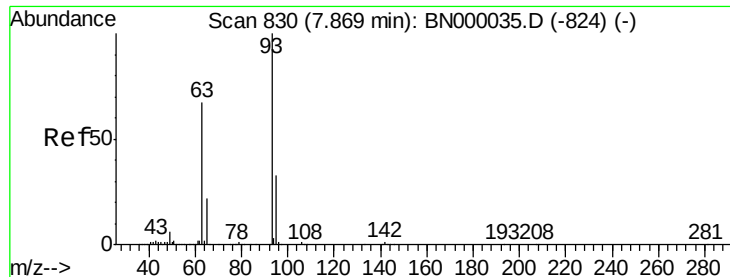


Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0





#11

bis(2-Chloroethyl)ether

Concen: 3.14 ng

RT: 7.87 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

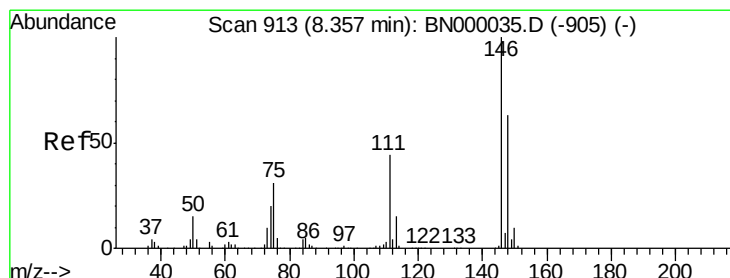
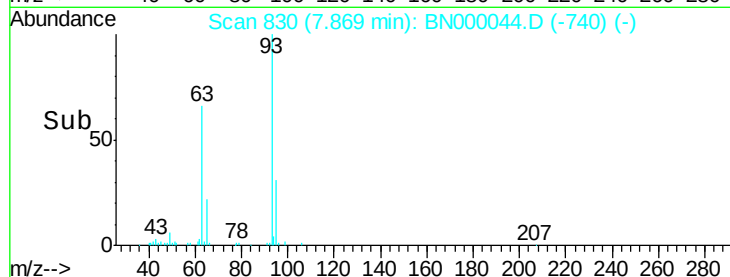
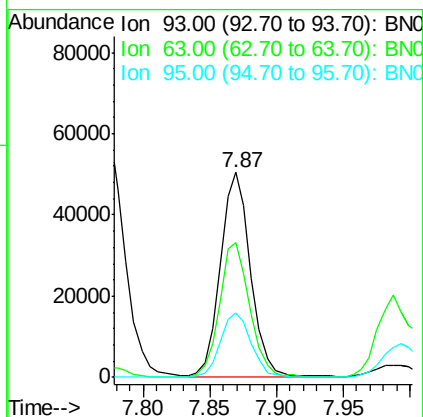
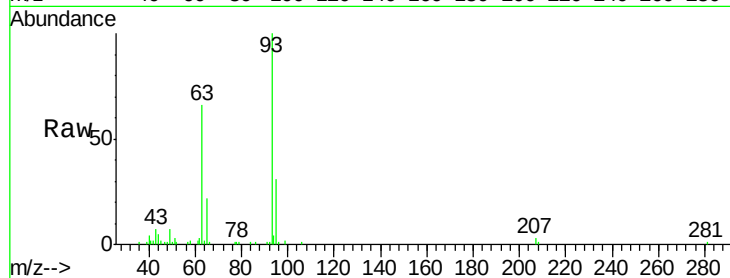
Tot Ion: 93 Resp: 80805

Ion Ratio Lower Upper

93 100

63 65.9 67.1 107.1#

95 31.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 3.03 ng

RT: 8.36 min Scan# 913

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

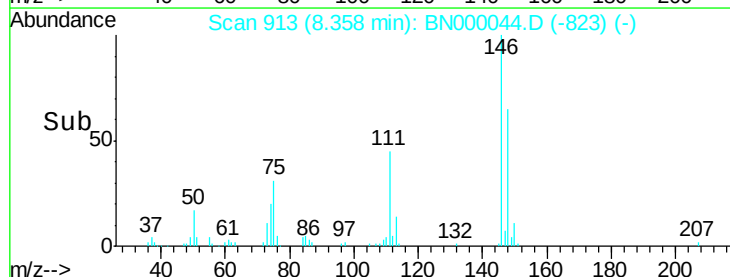
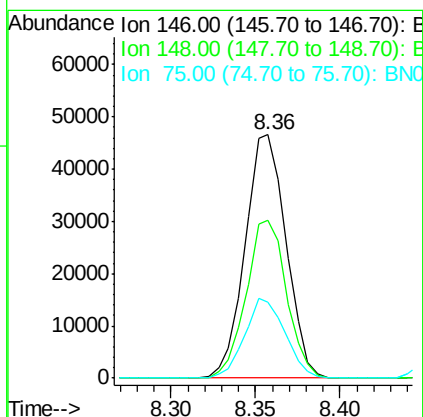
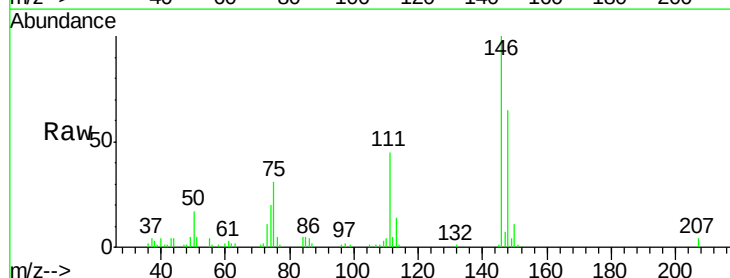
Tgt Ion: 146 Resp: 78727

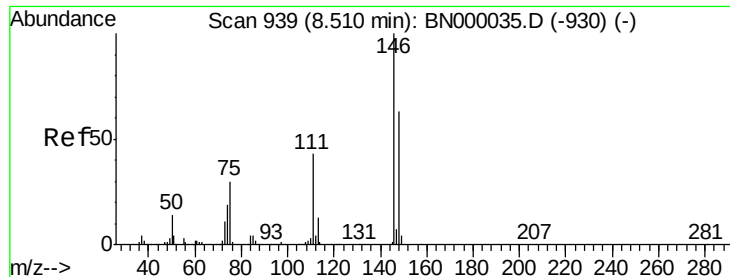
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

75 31.2 26.6 39.8

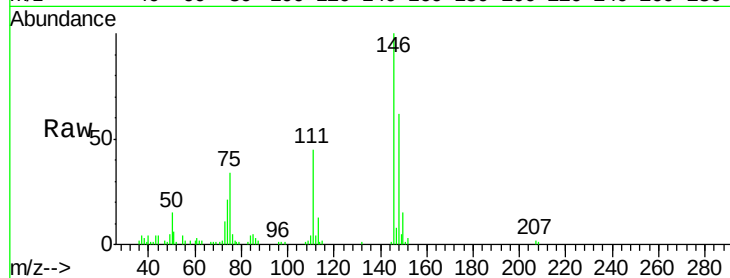




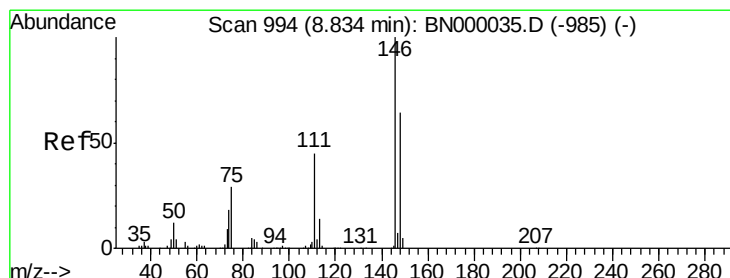
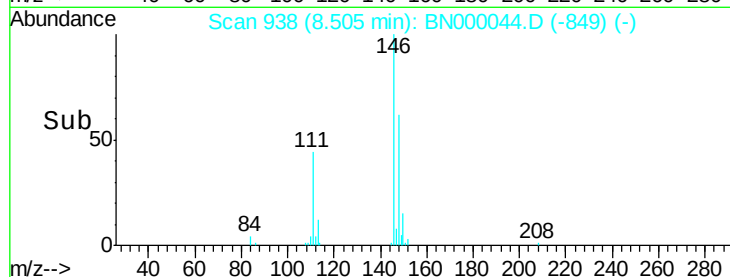
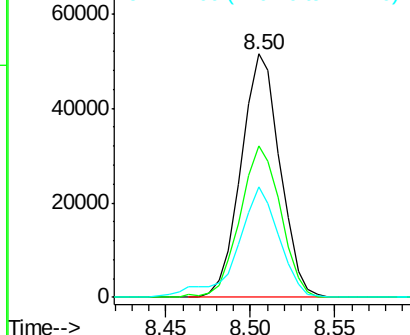
#13
1,4-Dichlorobenzene
Concen: 3.11 ng
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:146 Resp: 82471
Ion Ratio Lower Upper
146 100
148 62.0 53.7 80.5
111 45.1 35.2 52.8

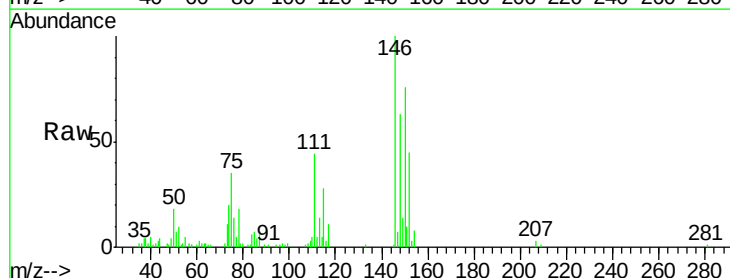


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

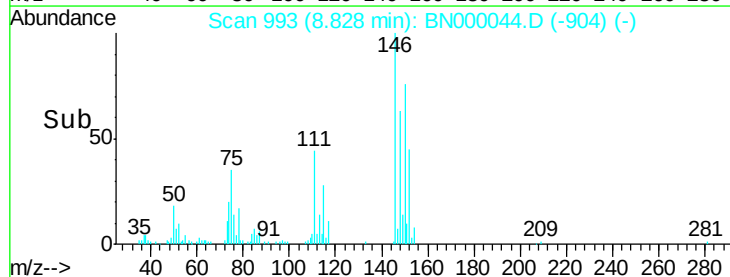
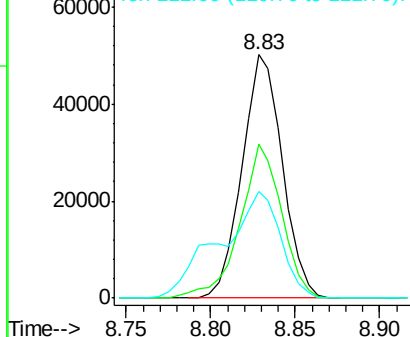


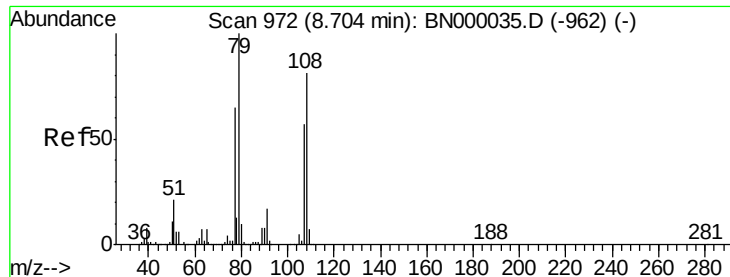
#14
1,2-Dichlorobenzene
Concen: 3.17 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:146 Resp: 82969
Ion Ratio Lower Upper
146 100
148 63.1 49.3 73.9
111 43.8 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: 2.78 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampled :

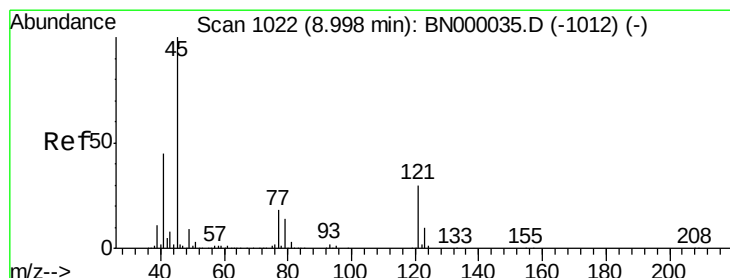
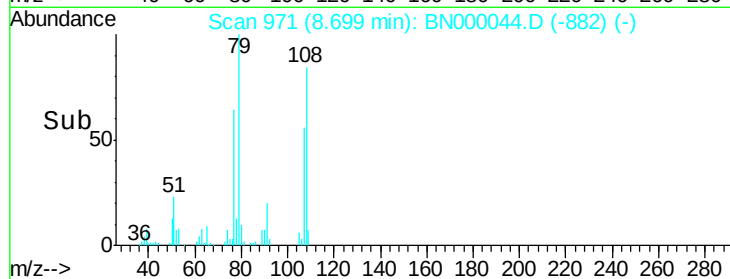
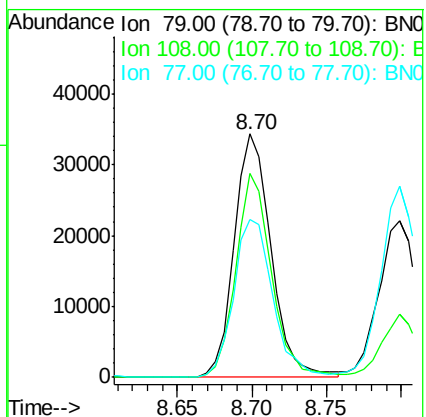
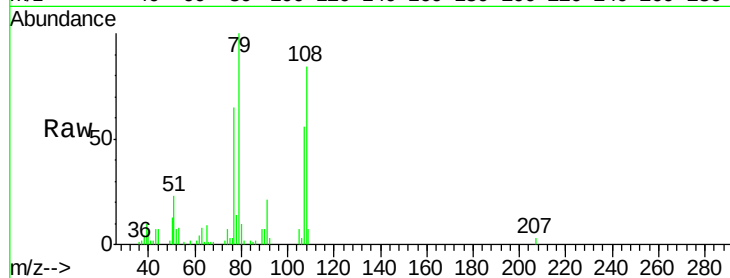
Tot Ion: 79 Resp: 59298

Ion Ratio Lower Upper

79 100

108 83.6 57.2 85.8

77 64.9 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.07 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

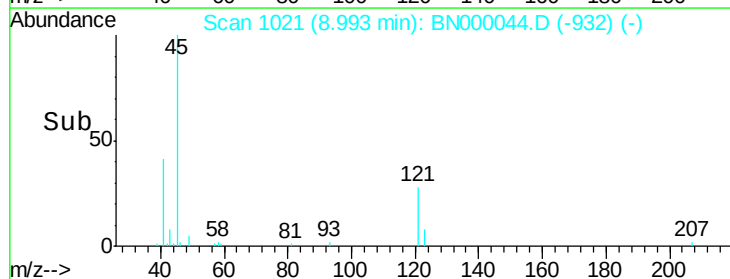
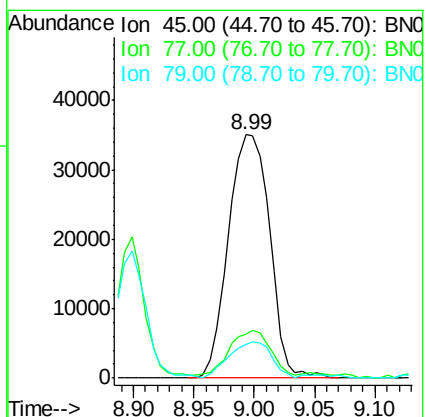
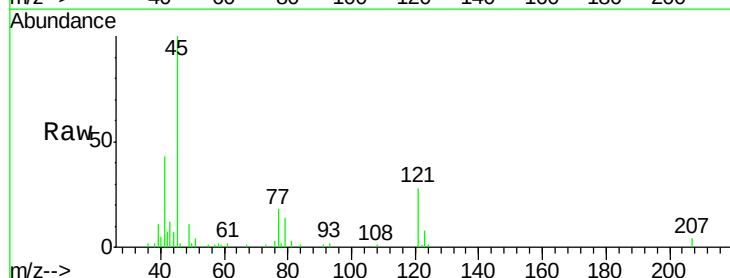
Tgt Ion: 45 Resp: 83741

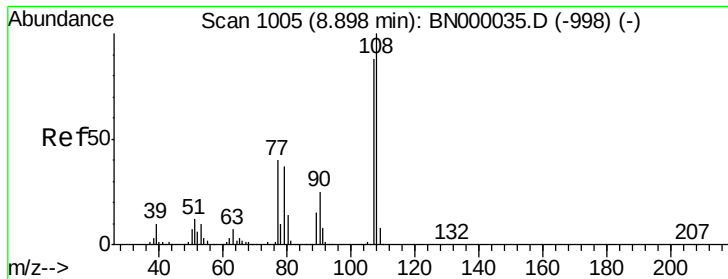
Ion Ratio Lower Upper

45 100

77 18.0 0.0 30.2

79 13.8 0.0 27.9





#17

2-Methylphenol

Concen: 3.18 ng

RT: 8.90 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 70626

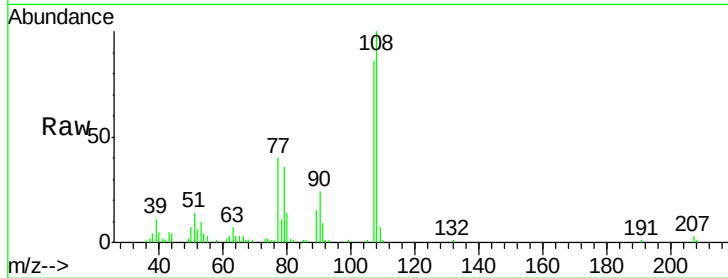
Ion Ratio Lower Upper

107 100

108 115.6 83.9 125.9

77 46.8 37.2 55.8

79 42.1 36.2 54.2

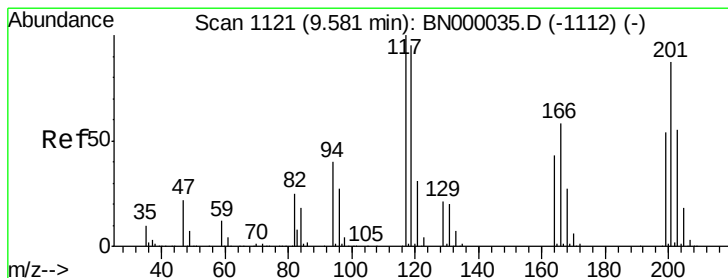
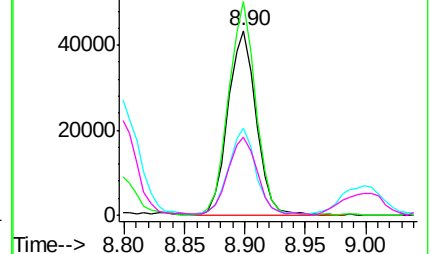
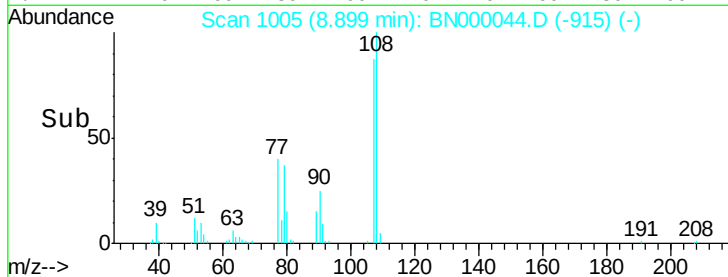


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 2.88 ng

RT: 9.58 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

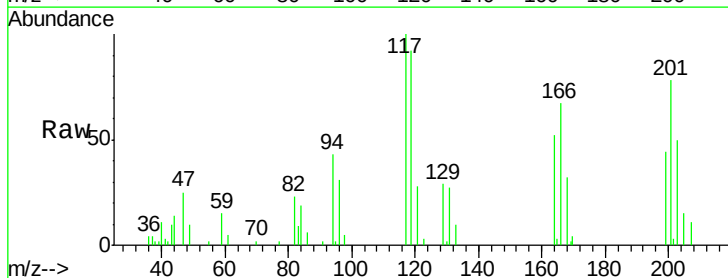
Tgt Ion:117 Resp: 26613

Ion Ratio Lower Upper

117 100

119 92.0 76.7 115.1

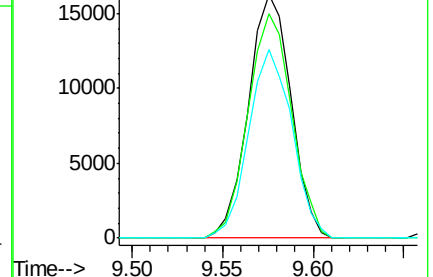
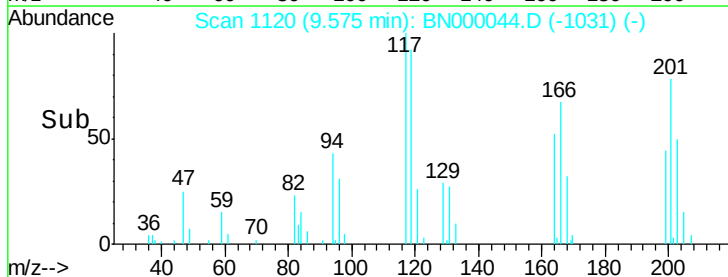
201 80.4 95.7 143.5#

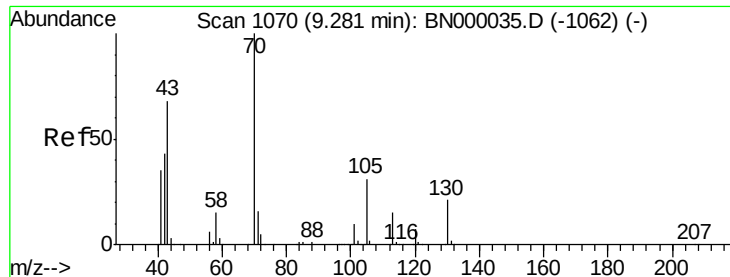


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

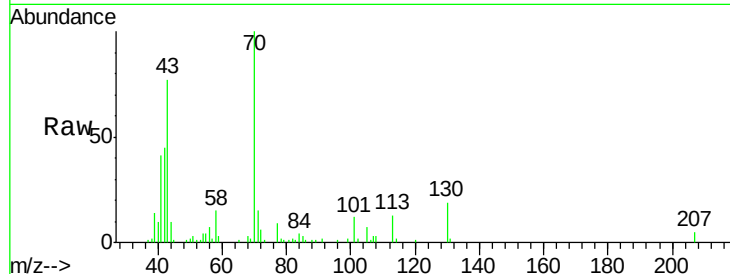




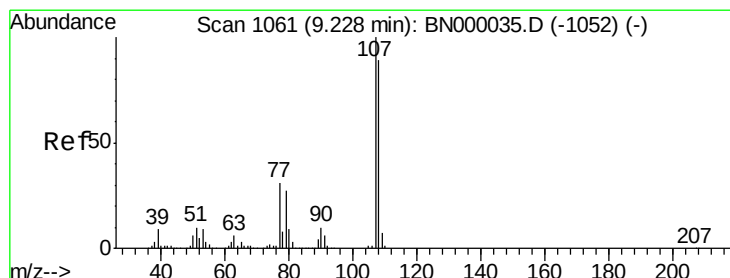
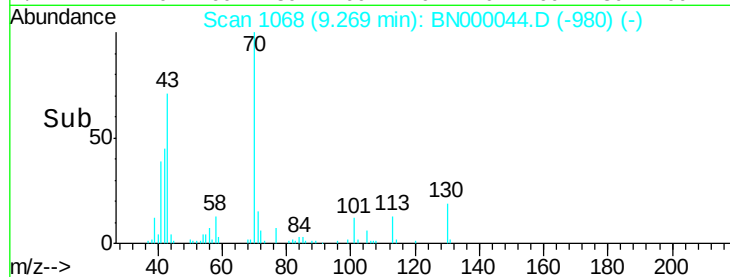
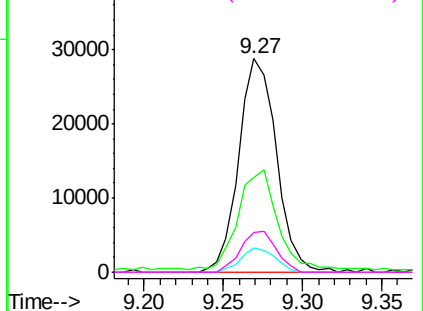
#19
n-Nitroso-di-n-propylamine
Concen: 2.39 ng
RT: 9.27 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 47545
Ion Ratio Lower Upper
70 100
42 44.6 49.1 73.7#
101 11.5 8.5 12.7
130 18.6 13.4 20.0

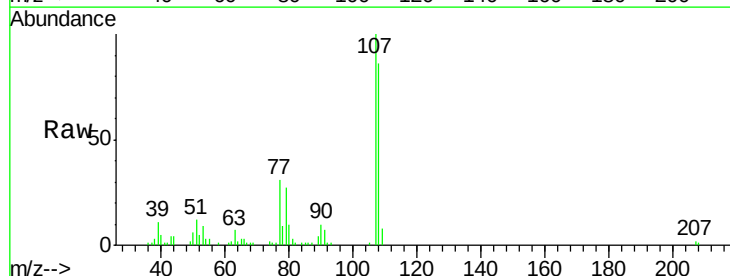


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

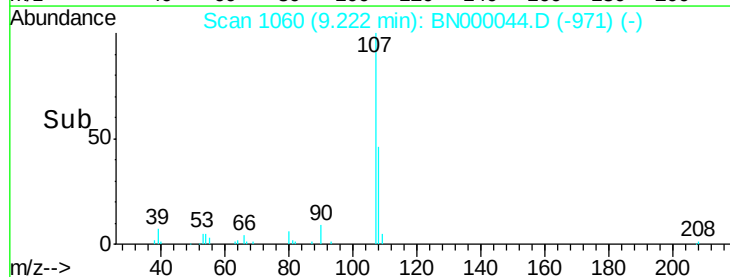
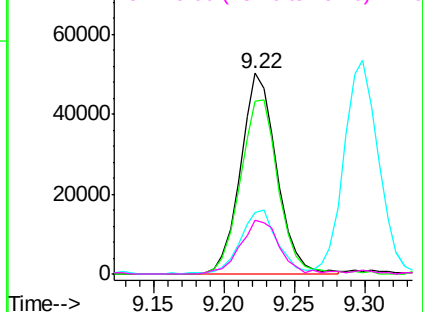


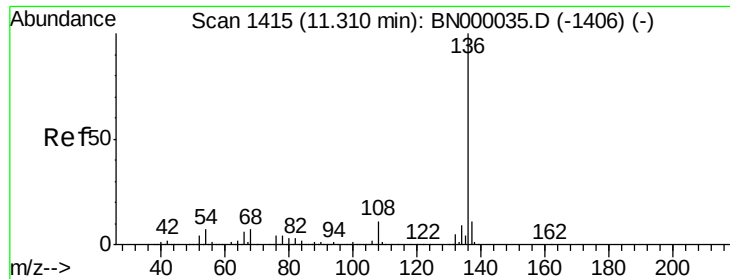
#20
3+4-Methylphenols
Concen: 2.90 ng
RT: 9.22 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:107 Resp: 90128
Ion Ratio Lower Upper
107 100
108 85.8 61.6 101.6
77 30.5 13.9 53.9
79 26.9 8.8 48.8



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): BN0
Ion 79.00 (78.70 to 79.70): BN0

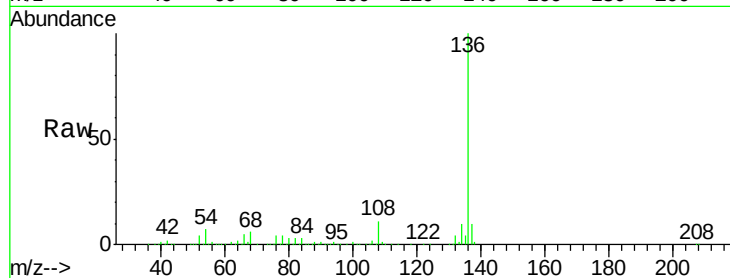




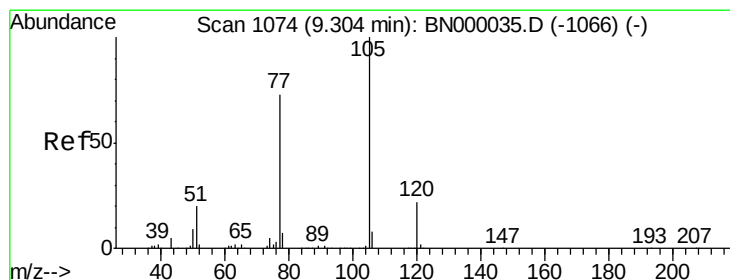
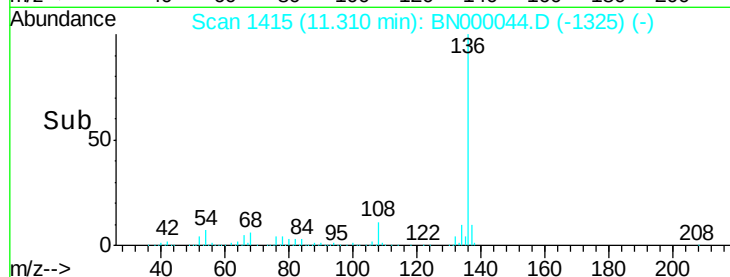
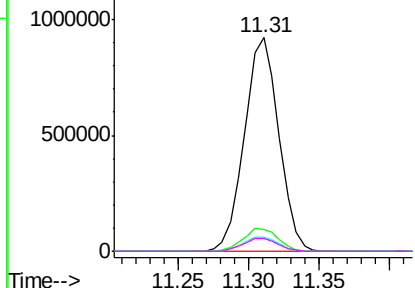
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampled :

Tot Ion:136	Resp: 1570371
Ion Ratio	Lower Upper
136 100	
137 10.5	9.2 13.8
54 6.8	10.3 15.5#
68 6.2	4.5 6.7

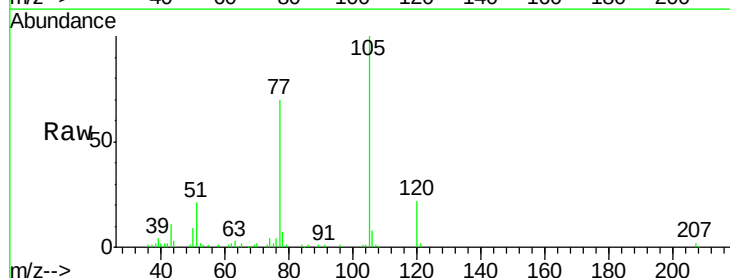


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

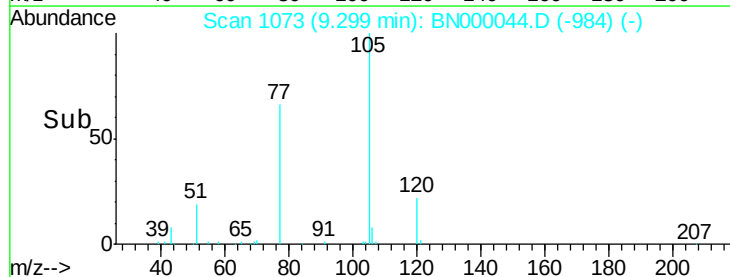
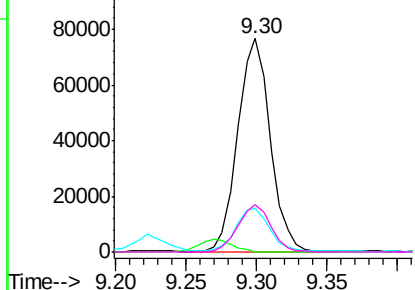


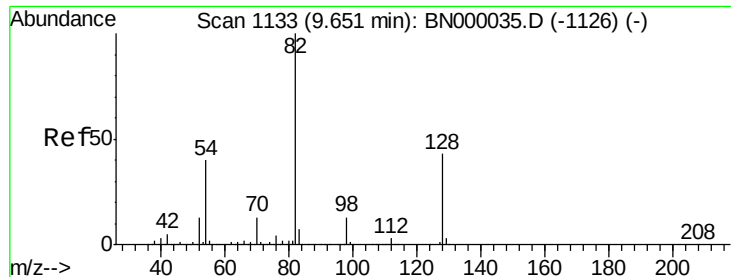
#22
Acetophenone
Concen: 2.82 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt	Ion:105	Resp:	124194
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	20.5	26.1	39.1#
120	22.2	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

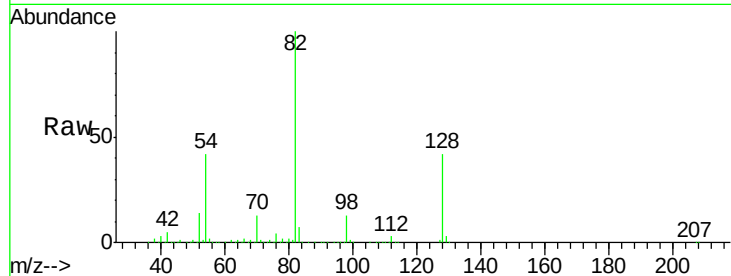




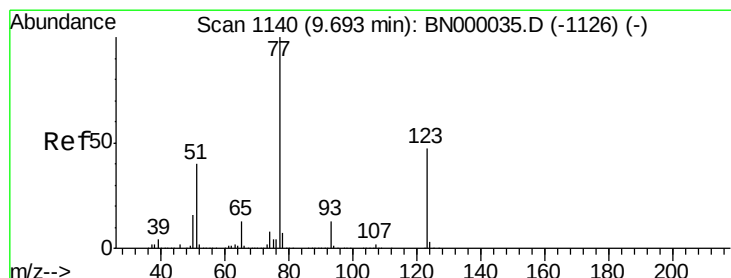
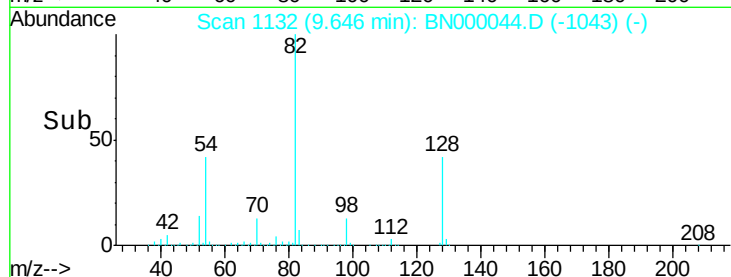
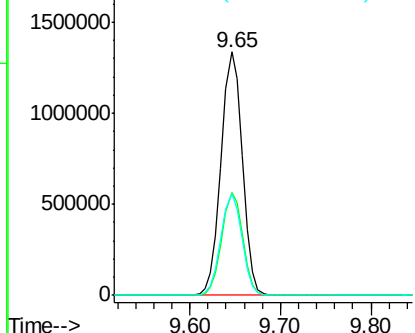
#23
Nitrobenzene-d5
Concen: 82.20 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 2171224
Ion Ratio Lower Upper
82 100
128 42.2 29.7 44.5
54 41.5 43.1 64.7#

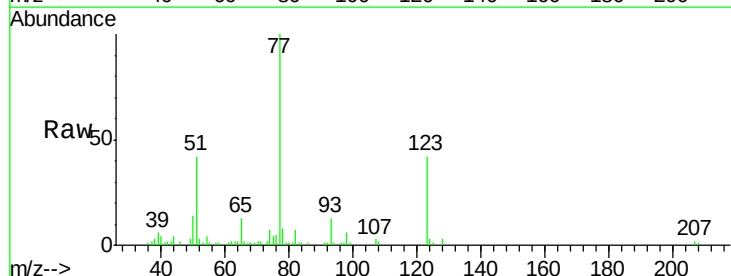


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

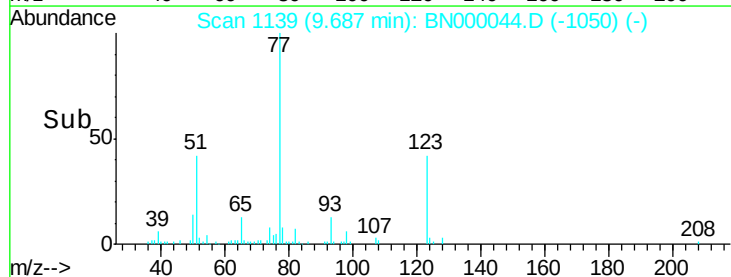
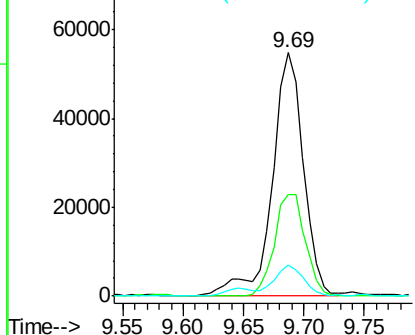


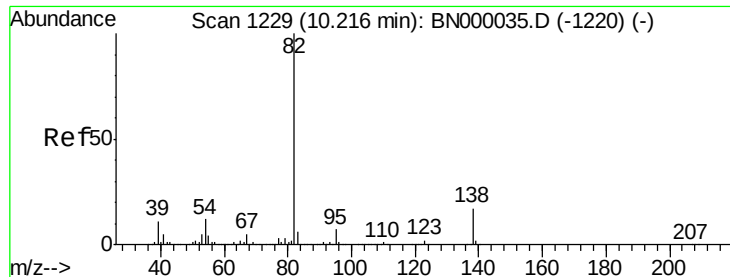
#24
Nitrobenzene
Concen: 3.39 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion: 77 Resp: 97819
Ion Ratio Lower Upper
77 100
123 41.8 33.0 49.6
65 12.6 13.0 19.6#



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





#25

Isophorone

Concen: 2.54 ng

RT: 10.21 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

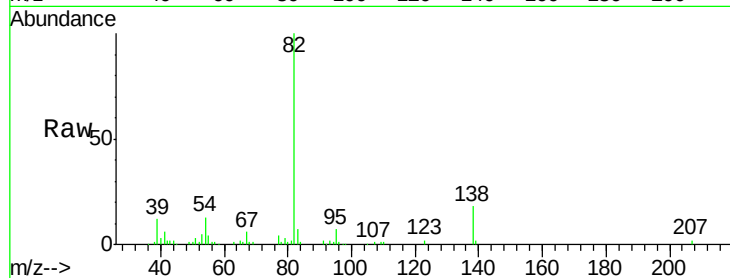
Tot Ion: 82 Resp: 138835

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

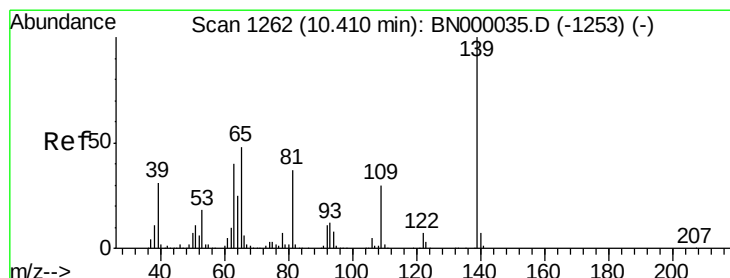
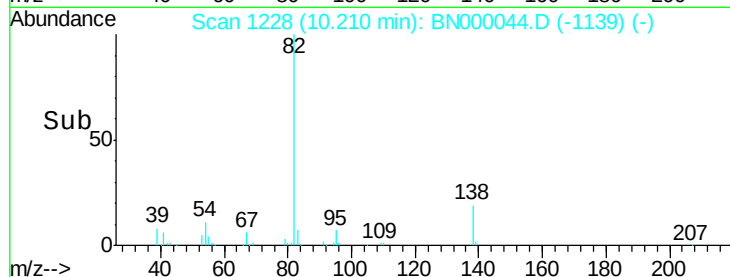
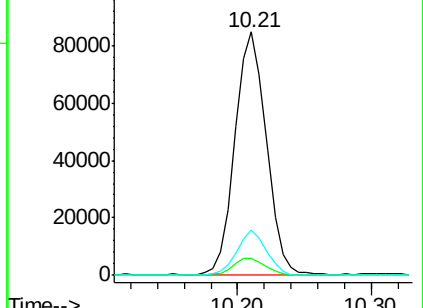
138 18.4 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BN000035.D (-1220) (-)

Ion 95.00 (94.70 to 95.70): BN000035.D (-1220) (-)

Ion 138.00 (137.70 to 138.70): BN000035.D (-1220) (-)



#26

2-Nitrophenol

Concen: 8.63 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

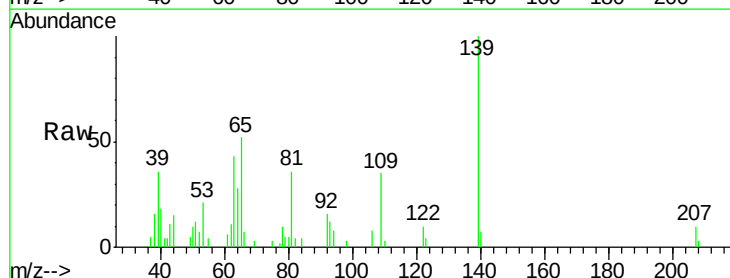
Tgt Ion: 139 Resp: 20018

Ion Ratio Lower Upper

139 100

109 34.6 24.2 36.2

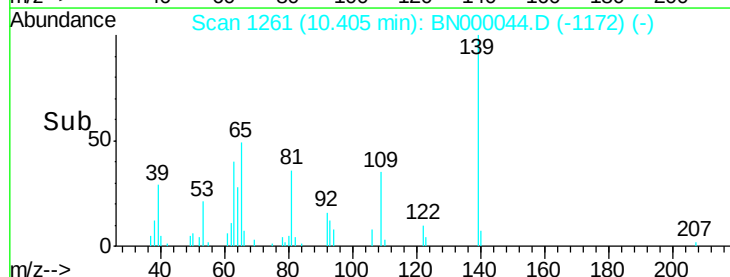
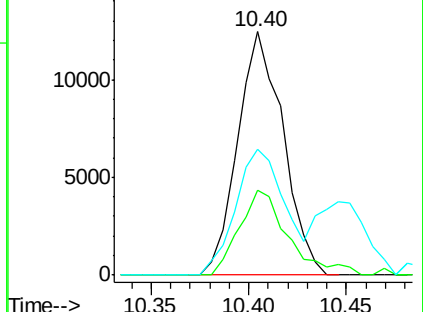
65 51.6 47.4 71.0

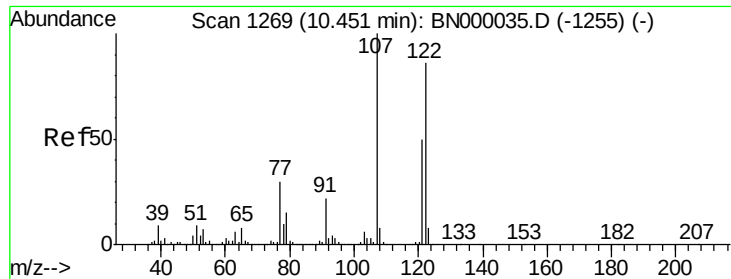


Abundance Ion 139.00 (138.70 to 139.70): BN000035.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000035.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000035.D (-1253) (-)

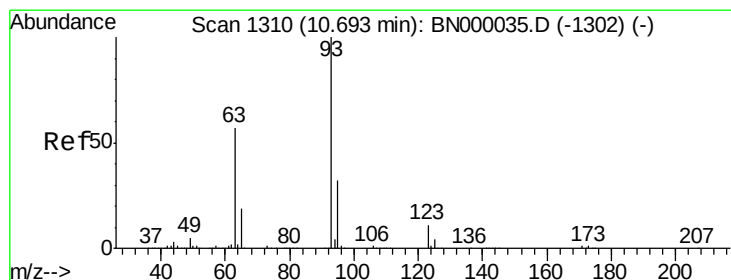
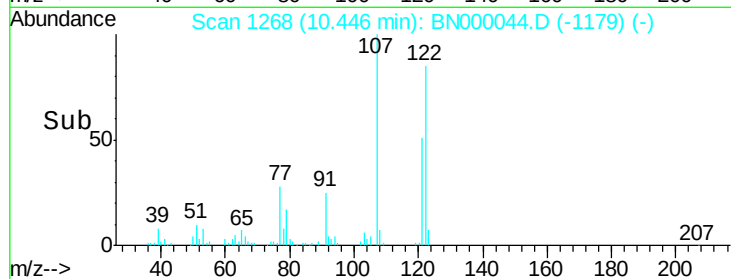
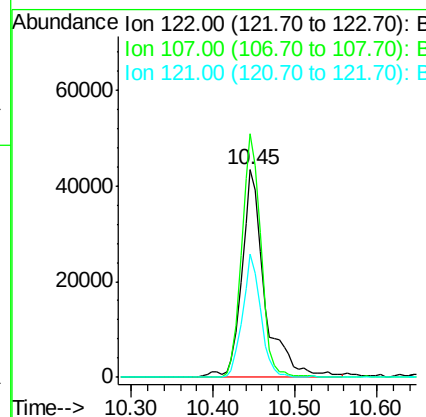
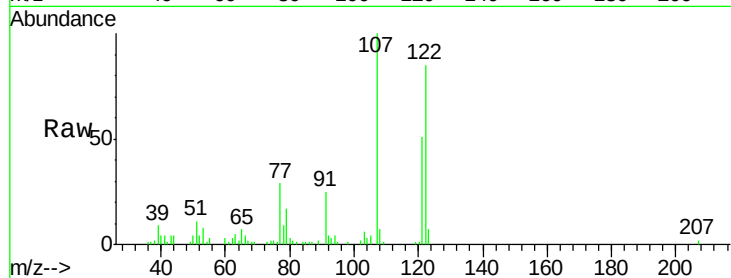




#27
 2,4-Dimethylphenol
 Concen: 3.60 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

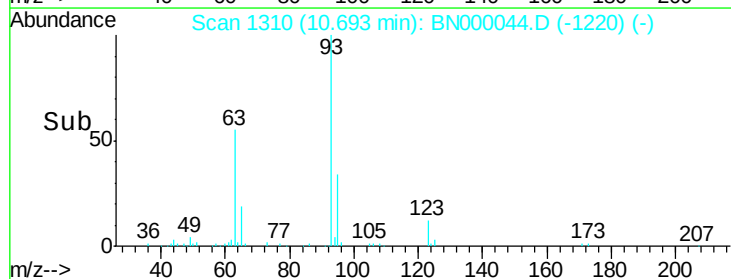
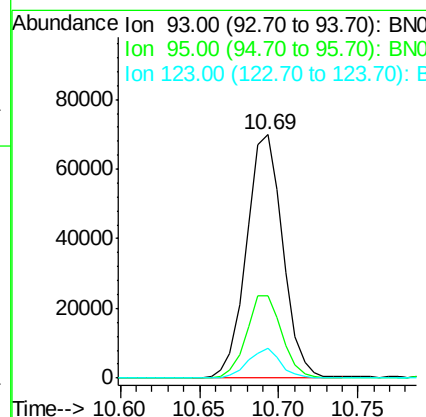
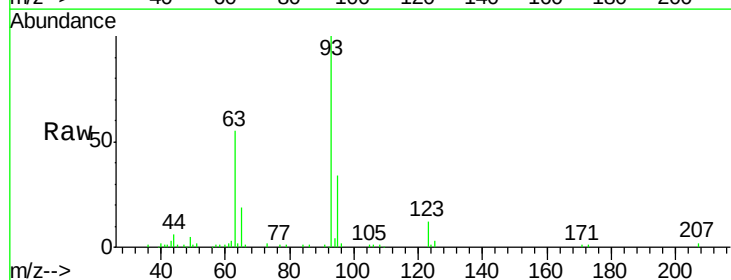
Instrument :
 BNA_N
 ClientSampleId :

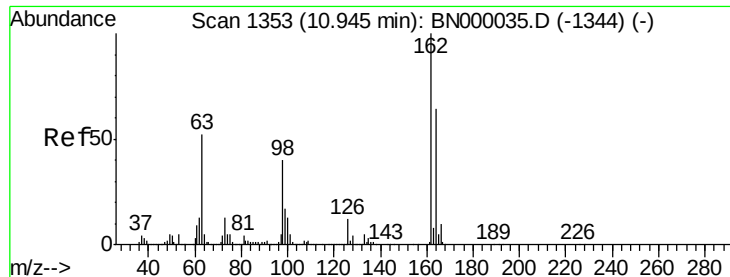
Tot Ion:122 Resp: 85205
 Ion Ratio Lower Upper
 122 100
 107 117.4 100.2 150.2
 121 59.4 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.18 ng
 RT: 10.69 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion: 93 Resp: 111357
 Ion Ratio Lower Upper
 93 100
 95 33.7 24.3 36.5
 123 12.1 8.4 12.6

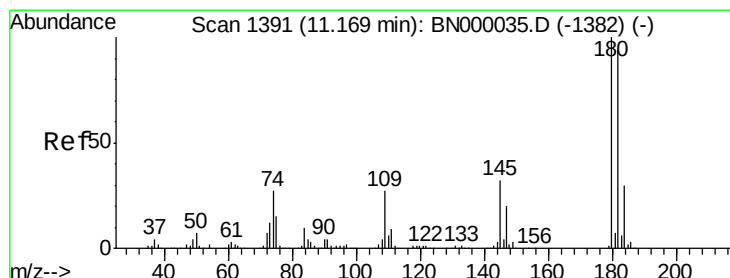
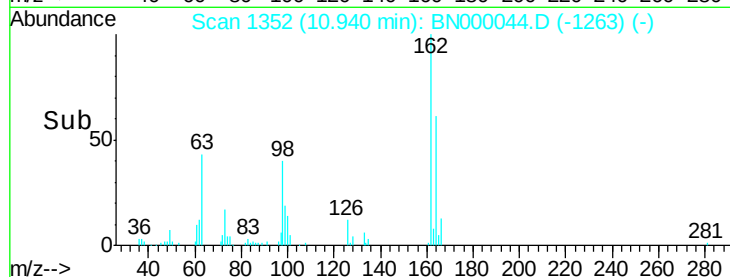
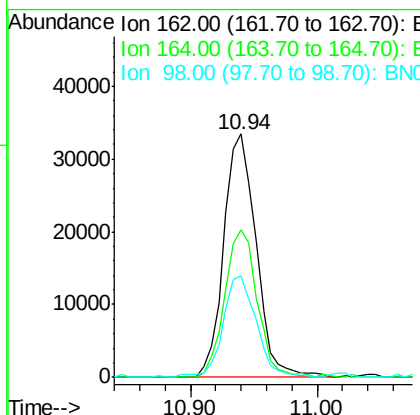
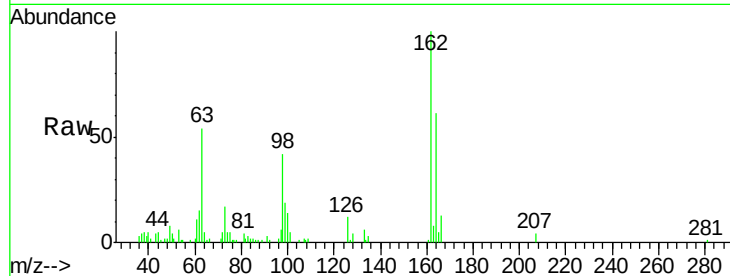




#29
2,4-Dichlorophenol
Concen: 2.70 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

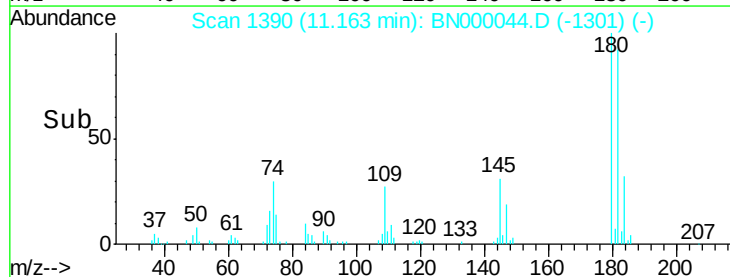
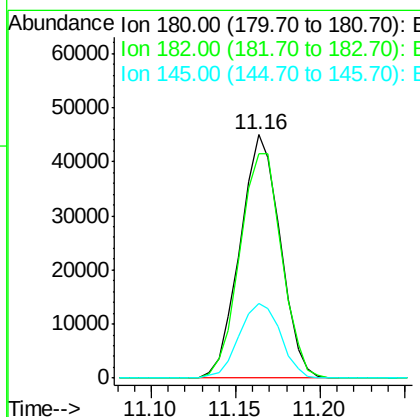
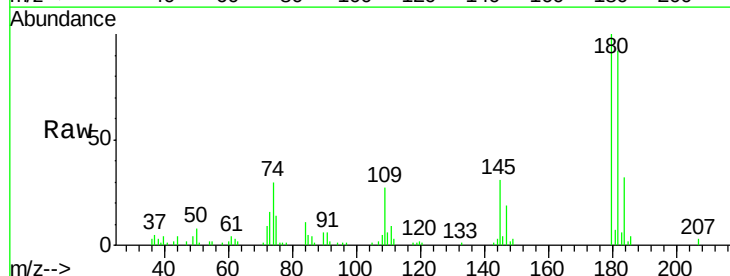
Instrument :
BNA_N
ClientSampled :

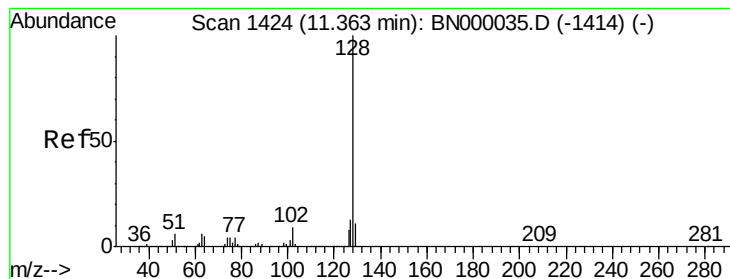
Tot Ion:162 Resp: 59084
Ion Ratio Lower Upper
162 100
164 60.9 48.0 88.0
98 41.6 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 2.95 ng
RT: 11.16 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:180 Resp: 74441
Ion Ratio Lower Upper
180 100
182 92.3 77.5 116.3
145 30.8 23.4 35.2





#31

Naphthalene

Concen: 3.16 ng

RT: 11.36 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

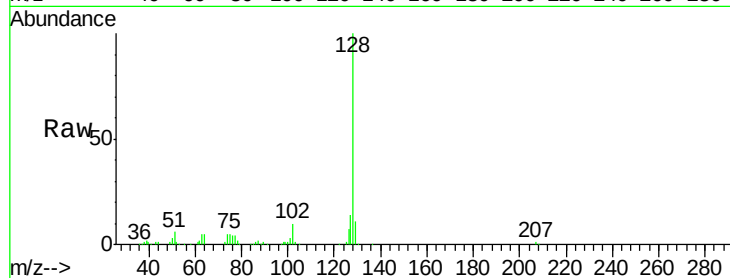
Tot Ion:128 Resp: 272461

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.7 11.6 17.4

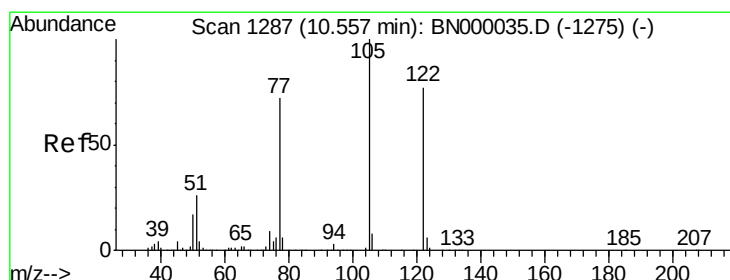
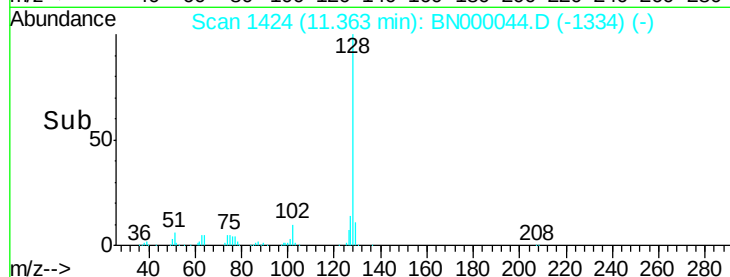
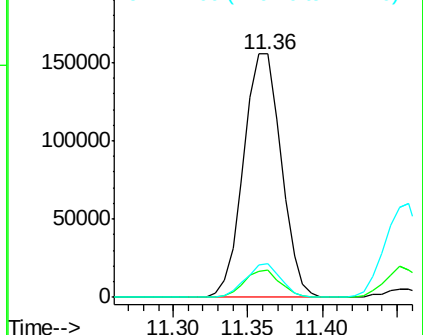


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.33 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.11 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

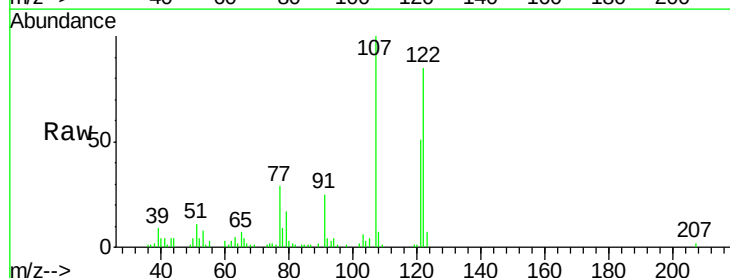
Tgt Ion:122 Resp: 85205

Ion Ratio Lower Upper

122 100

105 4.4 123.5 163.5#

77 34.3 85.7 125.7#

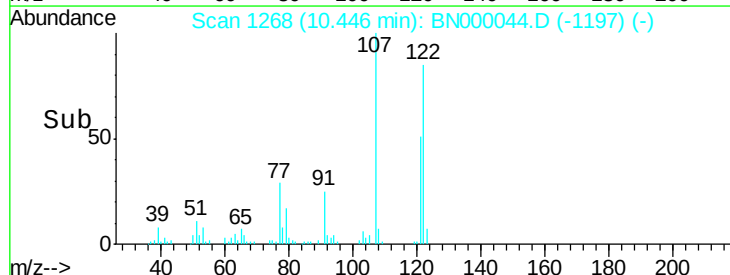
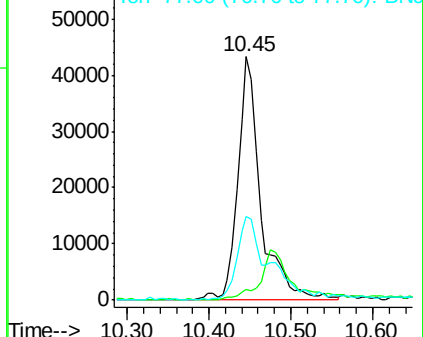


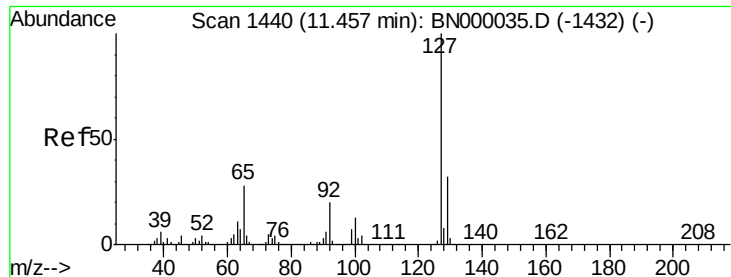
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

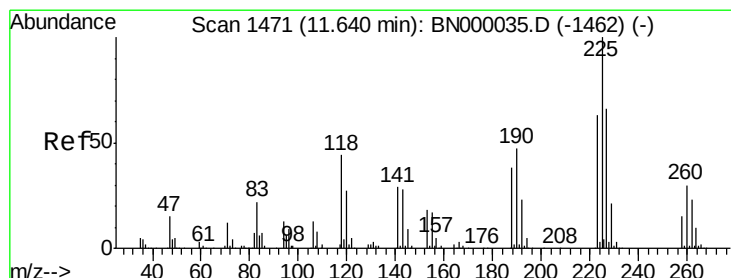
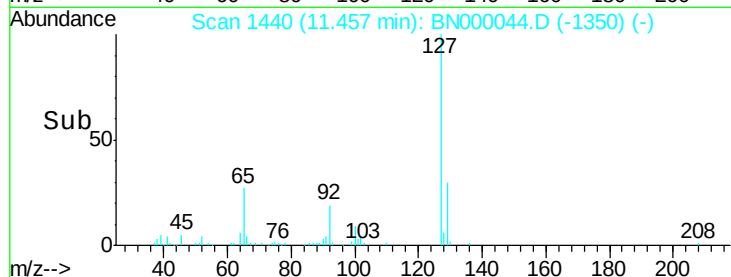
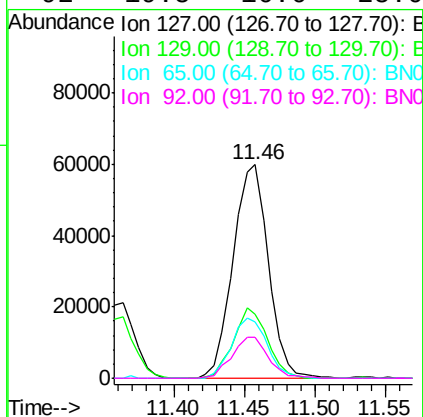
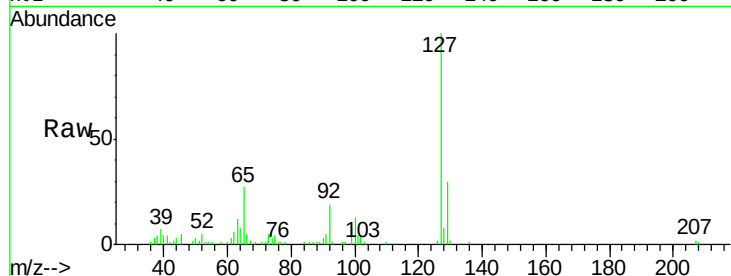




#33
4-Chloroaniline
Concen: 2.77 ng
RT: 11.46 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

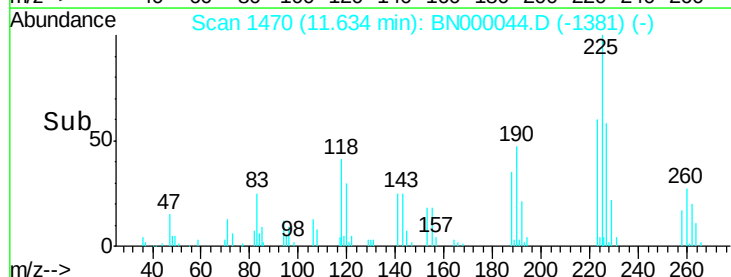
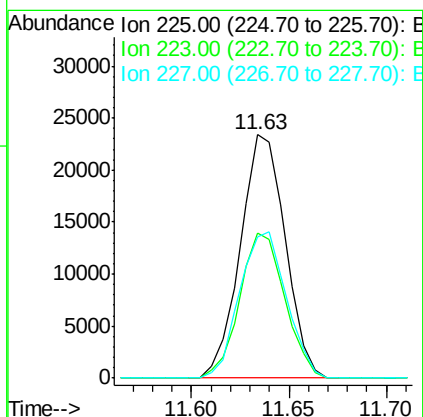
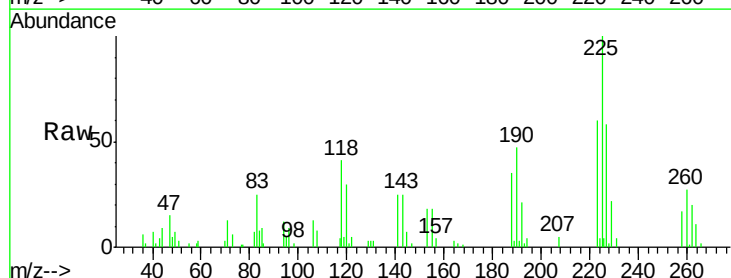
Instrument :
BNA_N
ClientSampleId :

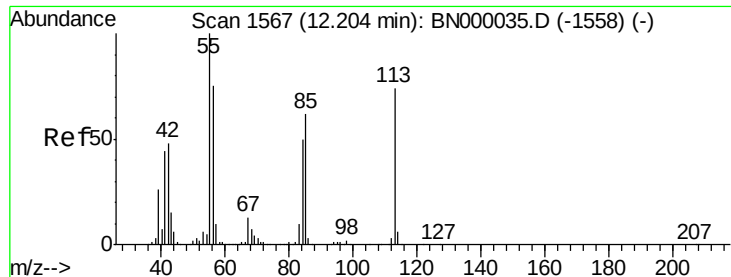
Tot Ion:	127	Resp:	104796
Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.0	36.0
65	26.5	27.0	40.4#
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 2.85 ng
RT: 11.63 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:	225	Resp:	37328
Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.7	74.5
227	58.0	48.1	72.1





#35

Caprolactam

Concen: 5.62 ng

RT: 12.18 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

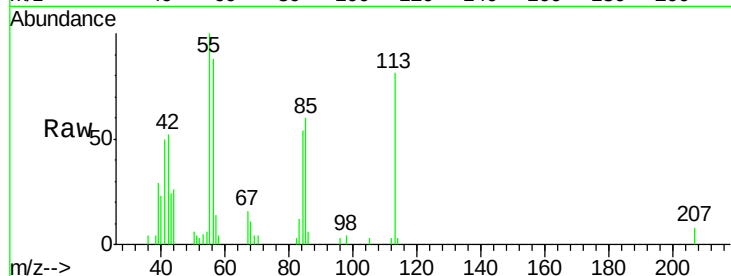
Tot Ion:113 Resp: 16779

Ion Ratio Lower Upper

113 100

55 123.6 120.0 160.0

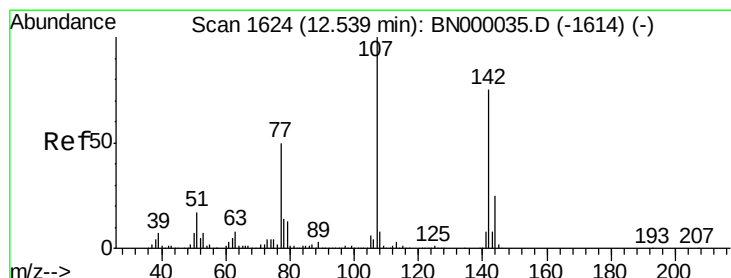
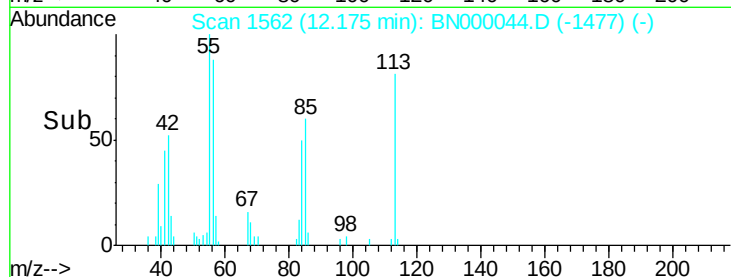
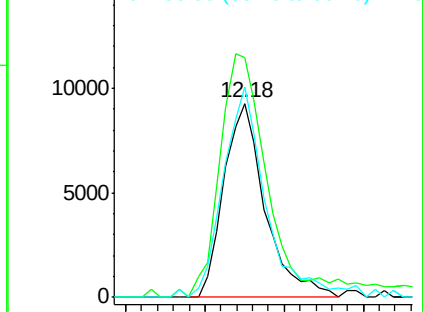
56 108.3 90.0 130.0



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: 2.57 ng

RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

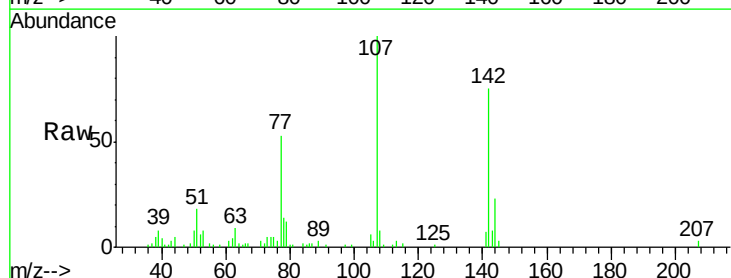
Tgt Ion:107 Resp: 71352

Ion Ratio Lower Upper

107 100

144 23.3 18.2 27.4

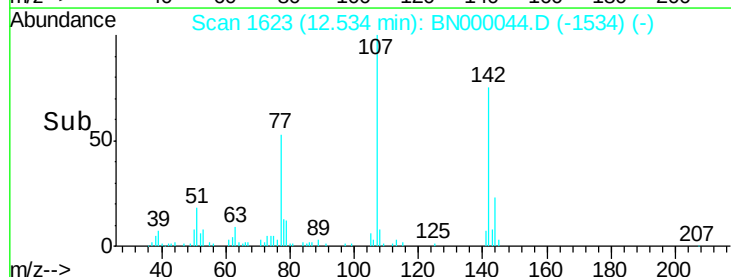
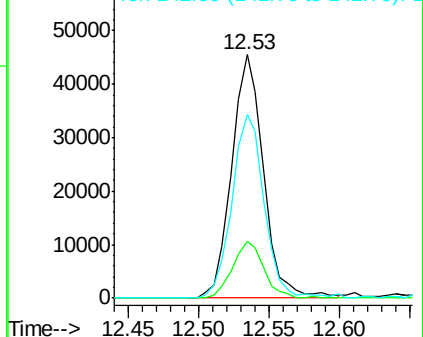
142 75.4 59.0 88.4

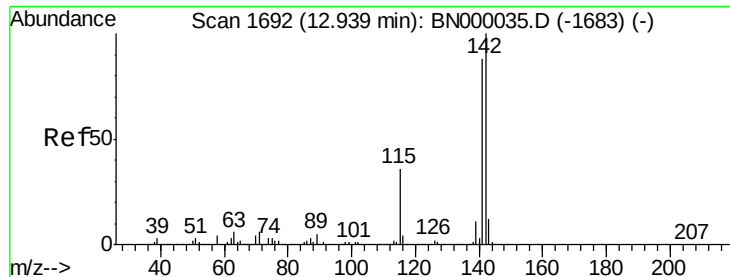


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 3.16 ng

RT: 12.93 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

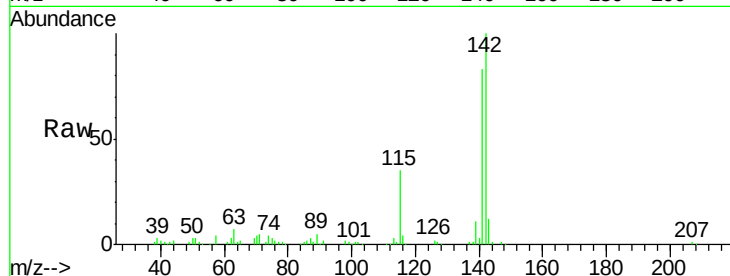
Tot Ion:142 Resp: 189144

Ion Ratio Lower Upper

142 100

141 83.4 67.1 100.7

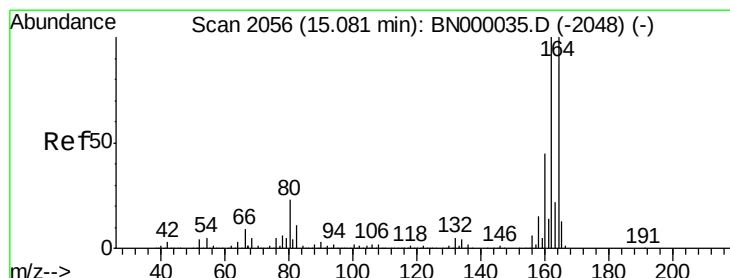
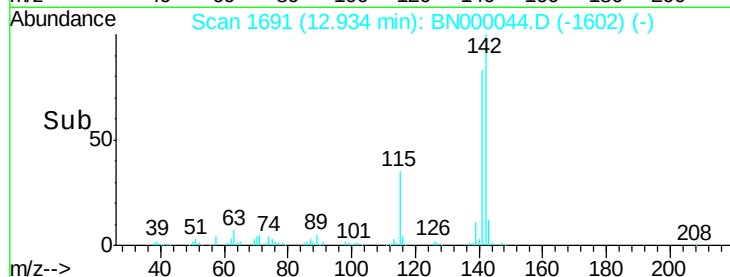
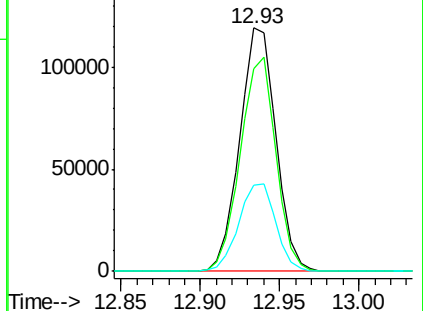
115 35.3 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

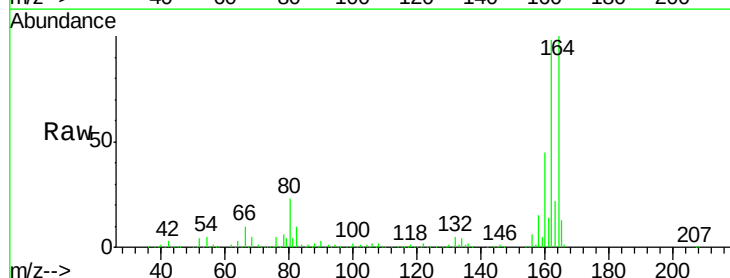
Tgt Ion:164 Resp: 1004977

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

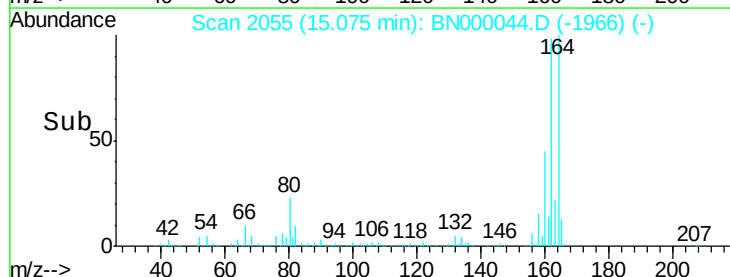
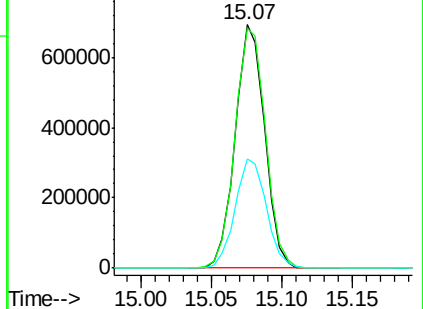
160 44.6 35.4 53.0

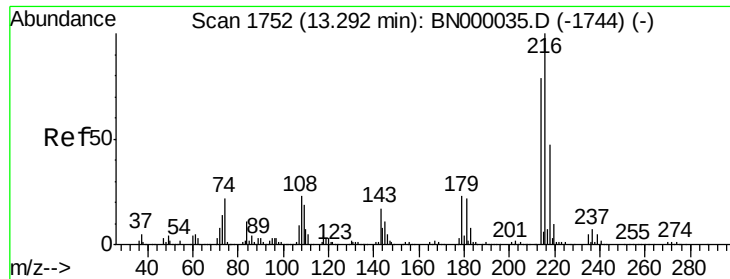


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.84 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BN000044.D

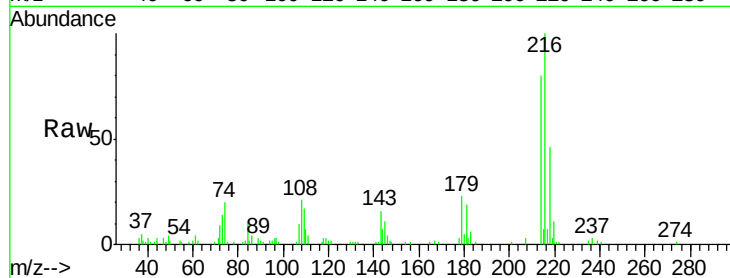
Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	84215
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.1	17.0	25.6
108	25.2	12.8	19.2#

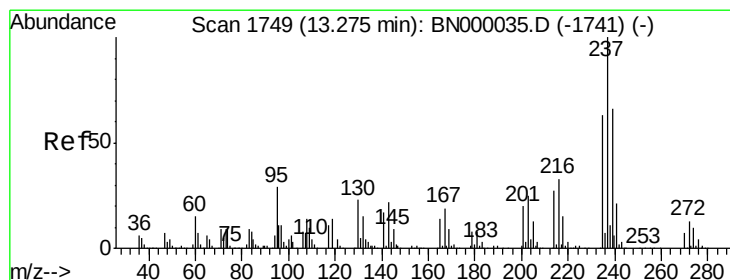
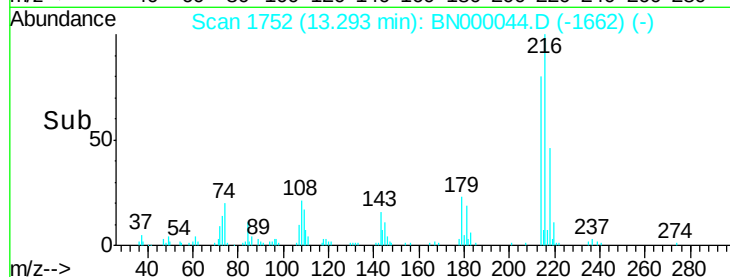
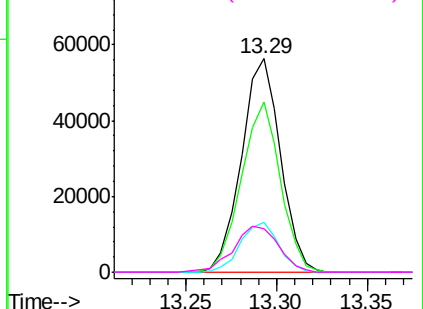


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.23 ng

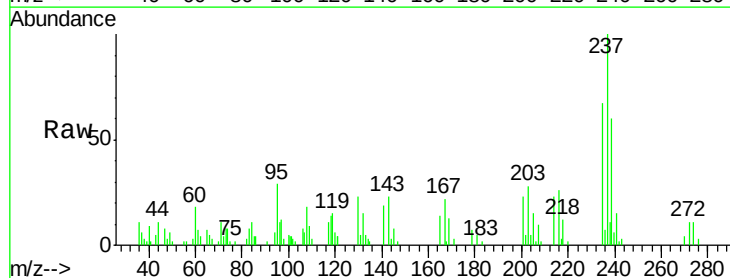
RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

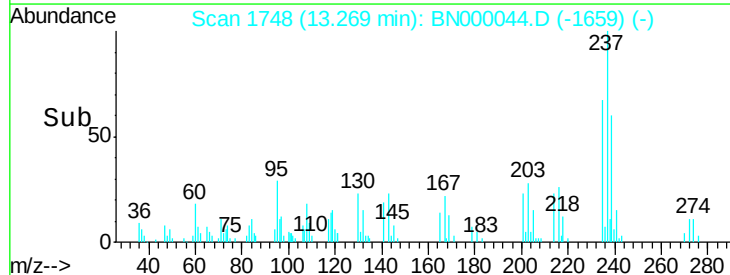
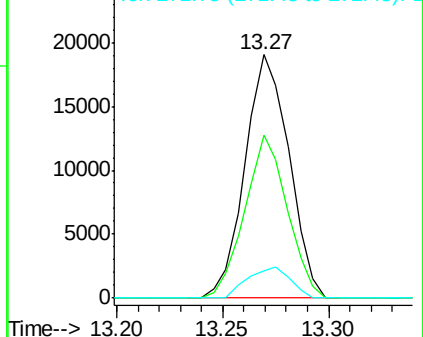
Tgt Ion:	237	Resp:	27618
Ion	Ratio	Lower	Upper
237	100		
235	66.9	50.4	90.4
272	11.3	0.0	31.8

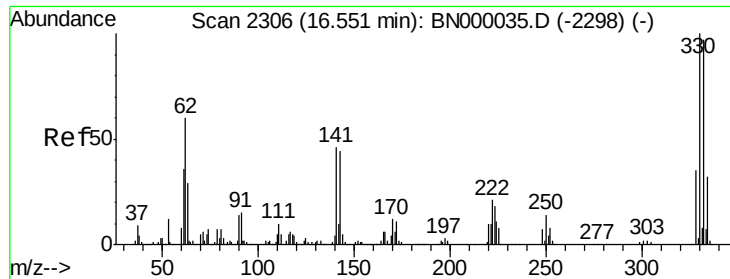


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

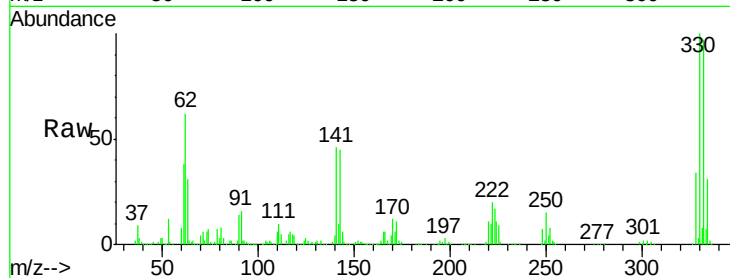




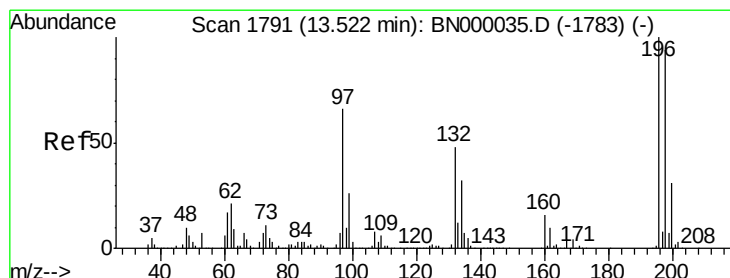
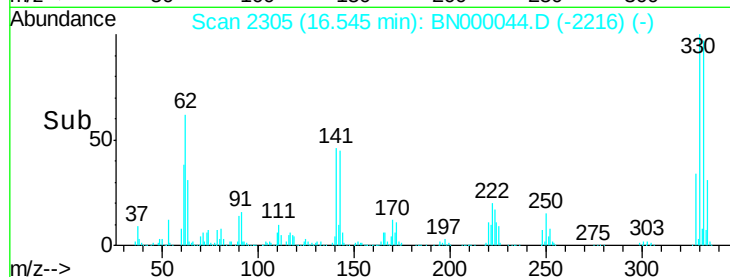
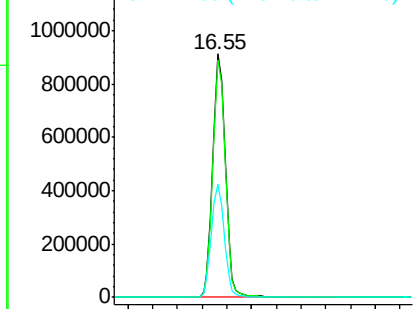
#41
 2,4,6-Tribromophenol
 Concen: 128.88 ng
 RT: 16.55 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1282040
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 47.4 25.2 37.8#

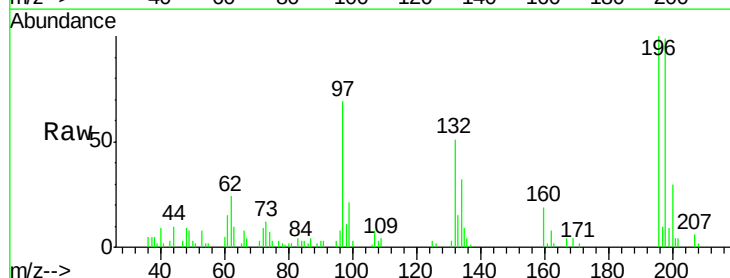


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

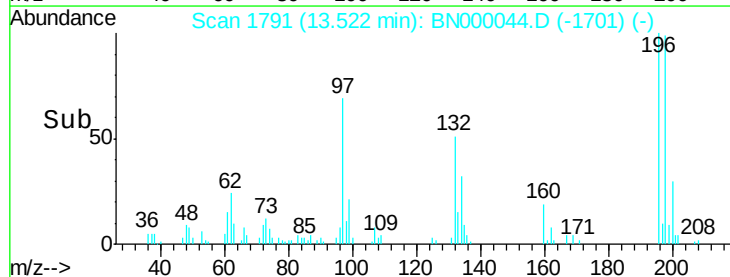
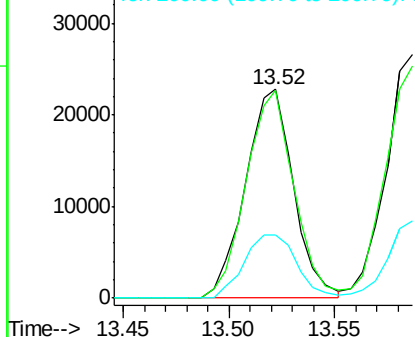


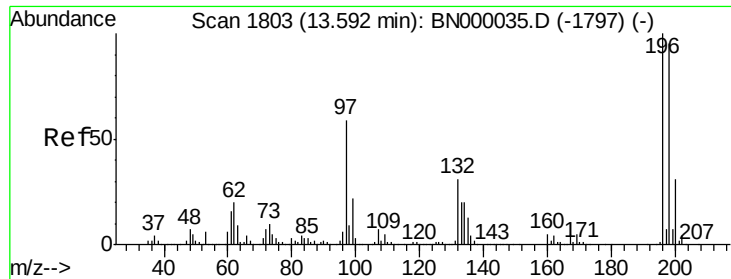
#42
 2,4,6-Trichlorophenol
 Concen: 2.03 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion:196 Resp: 36159
 Ion Ratio Lower Upper
 196 100
 198 99.3 78.2 117.2
 200 30.3 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

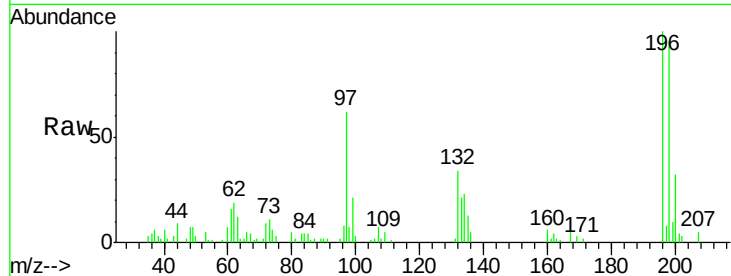




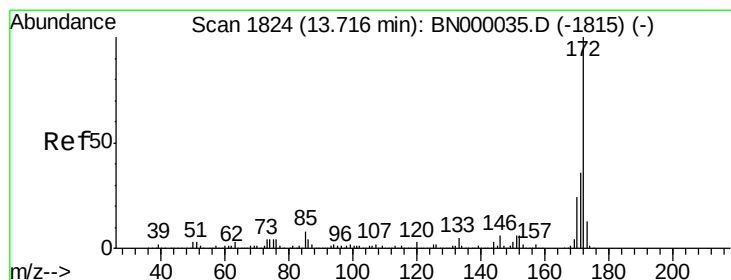
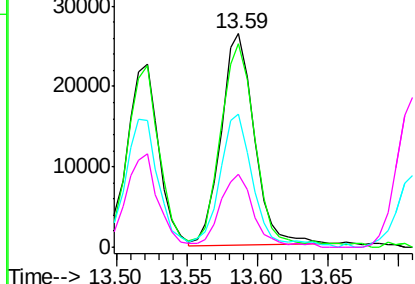
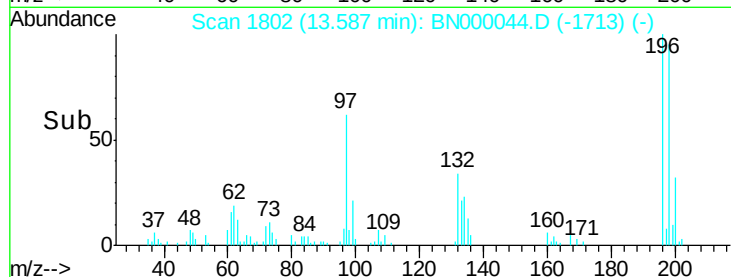
#43
2,4,5-Trichlorophenol
Concen: 2.01 ng
RT: 13.59 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:196 Resp: 43063
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.4
97 62.2 38.7 58.1#
132 34.5 20.2 30.2#

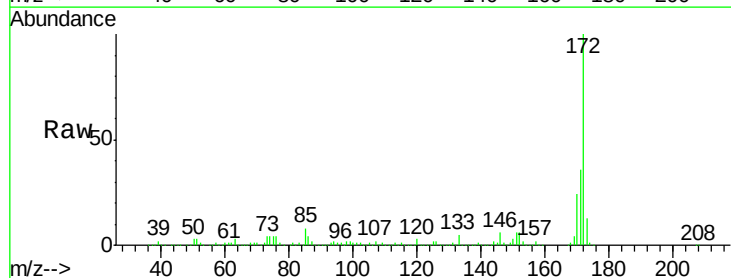


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

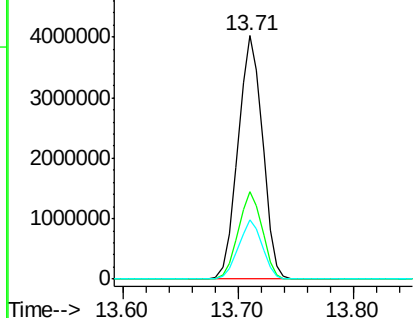
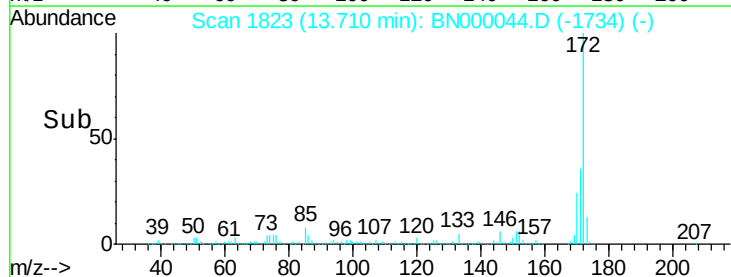


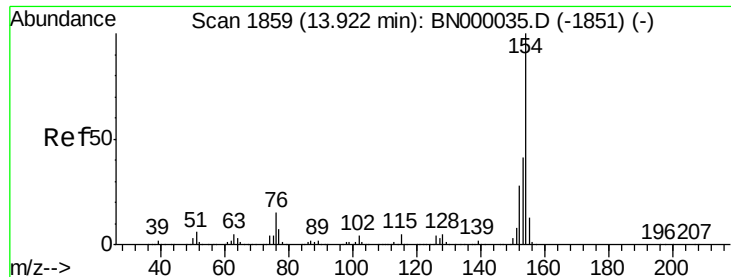
#44
2-Fluorobiphenyl
Concen: 82.95 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:172 Resp: 5914879
Ion Ratio Lower Upper
172 100
171 35.8 30.0 45.0
170 24.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 3.15 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

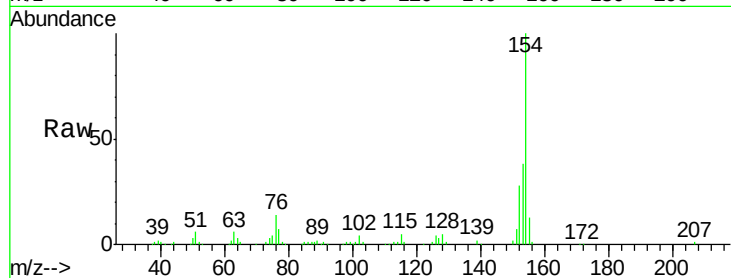
Tot Ion:154 Resp: 278748

Ion Ratio Lower Upper

154 100

153 38.4 19.8 59.8

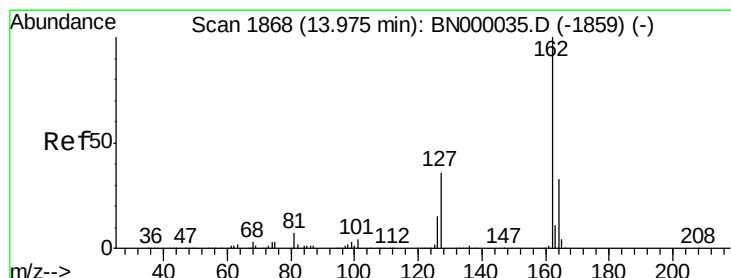
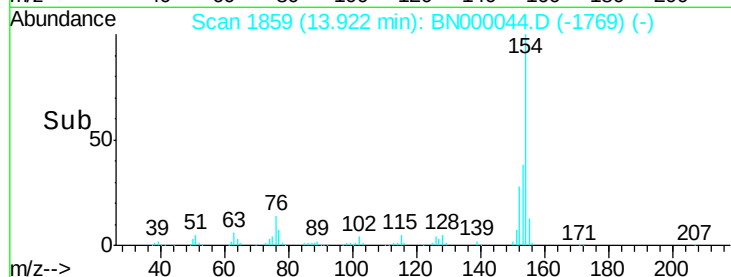
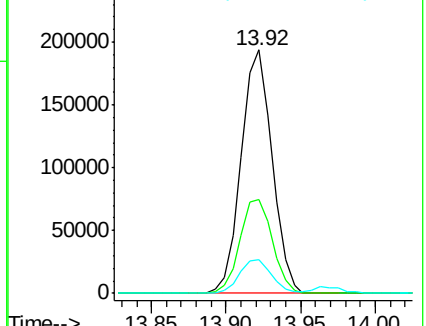
76 13.9 0.0 31.9



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: 2.95 ng

RT: 13.97 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

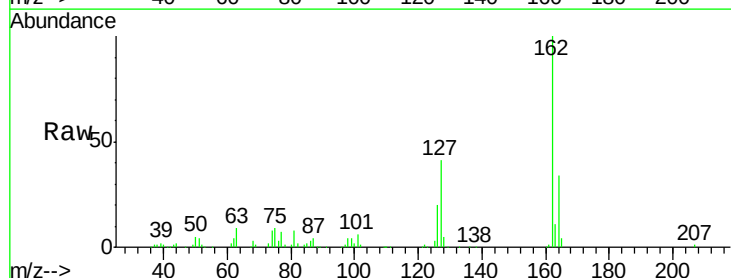
Tgt Ion:162 Resp: 195777

Ion Ratio Lower Upper

162 100

127 41.3 30.7 46.1

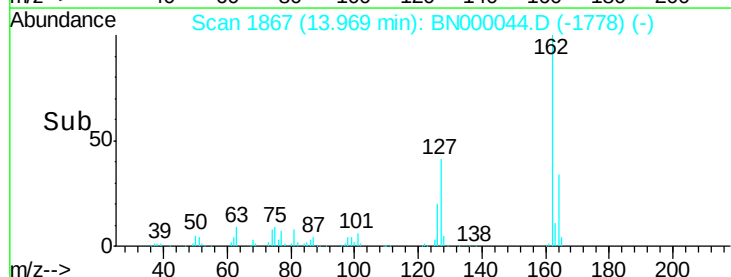
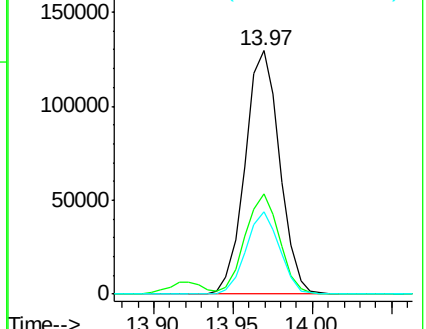
164 34.1 26.0 39.0

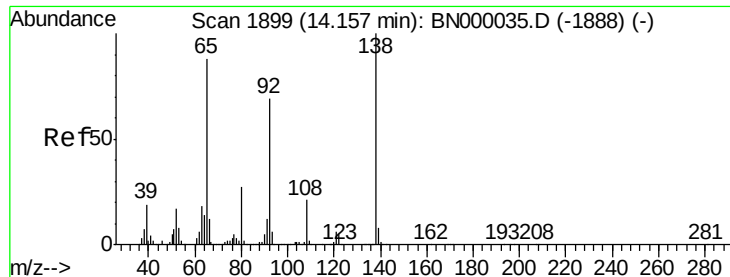


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

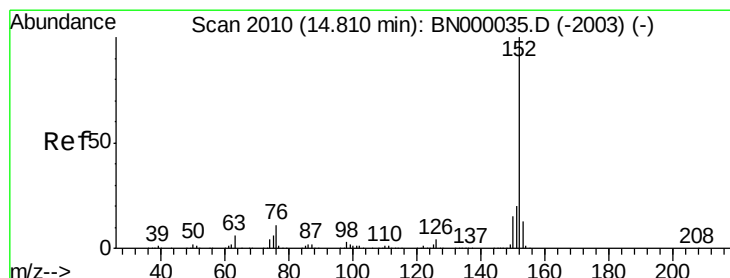
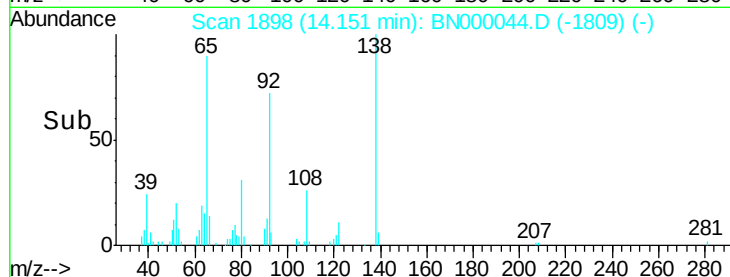
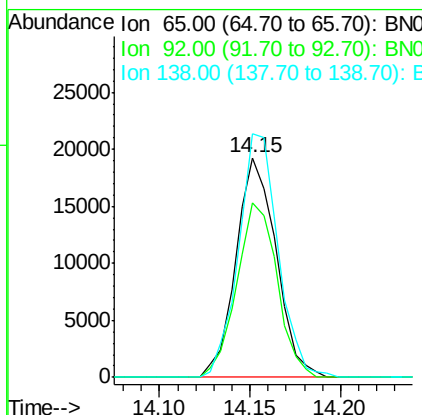
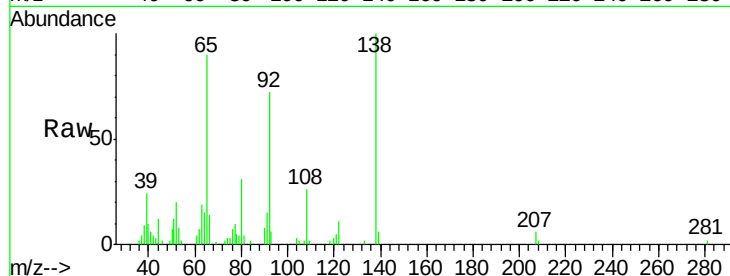




#47
2-Nitroaniline
Concen: 6.24 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

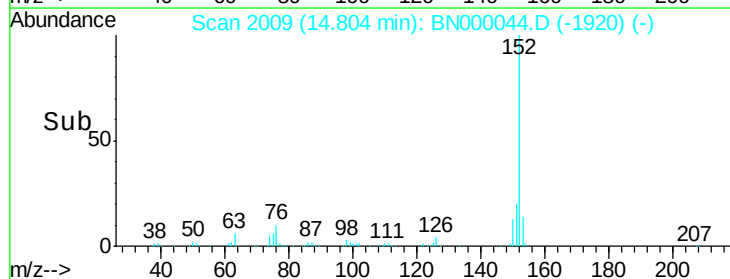
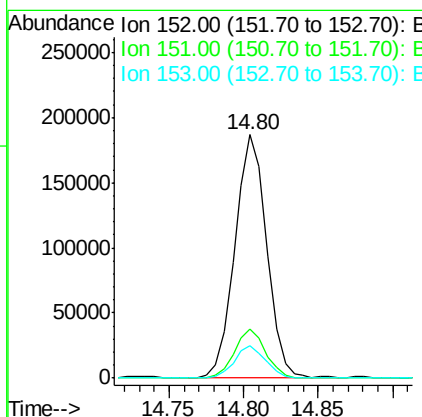
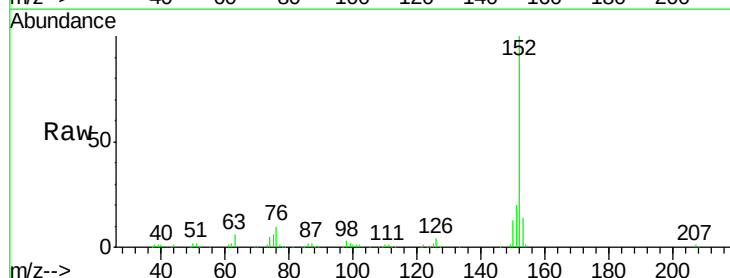
Instrument :
BNA_N
ClientSampleId :

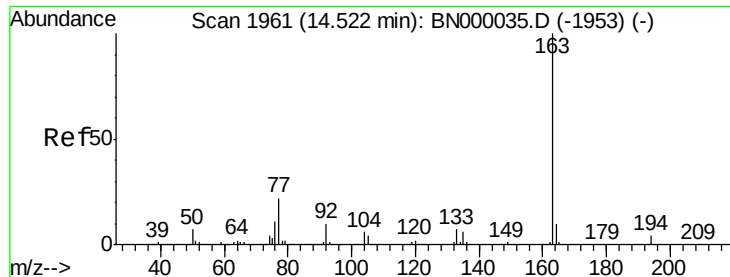
Tot Ion: 65 Resp: 29630
Ion Ratio Lower Upper
65 100
92 79.4 54.6 82.0
138 110.9 72.9 109.3#



#48
Acenaphthylene
Concen: 2.59 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion: 152 Resp: 276955
Ion Ratio Lower Upper
152 100
151 20.2 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 2.82 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

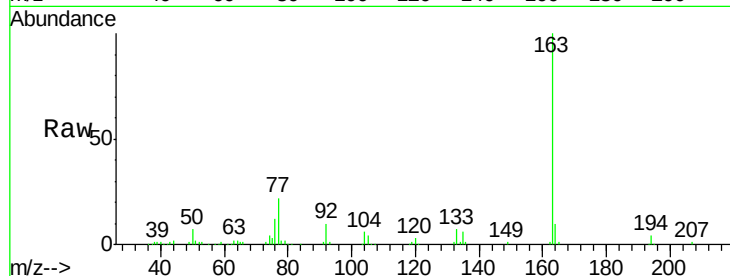
Tot Ion:163 Resp: 236871

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

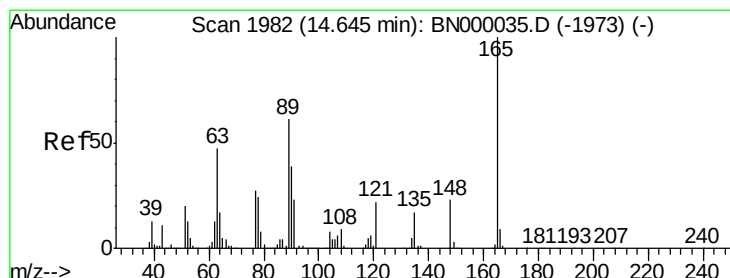
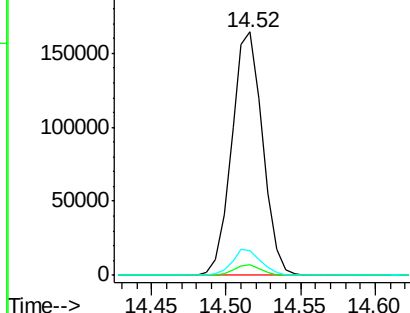
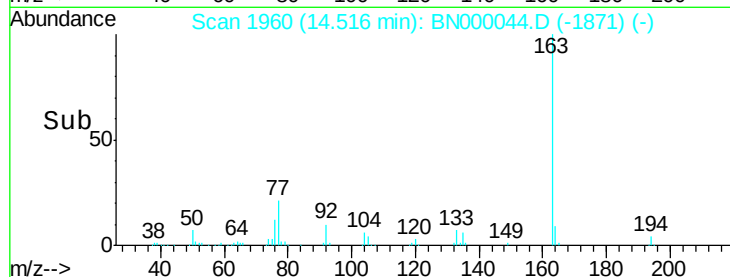
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 1.74 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

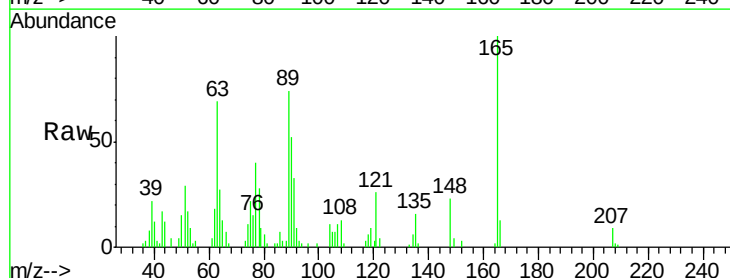
Tgt Ion:165 Resp: 30158

Ion Ratio Lower Upper

165 100

63 68.8 52.7 79.1

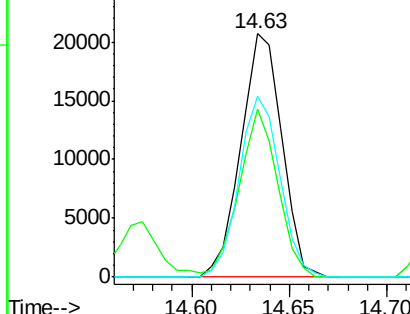
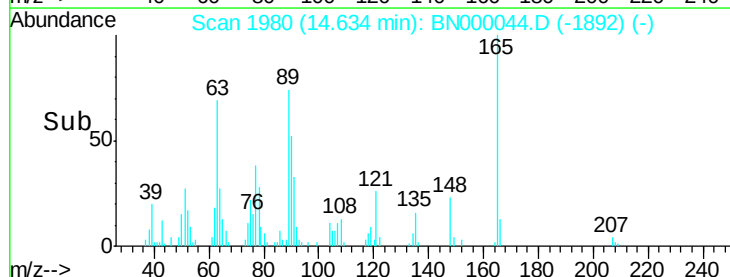
89 74.5 49.2 73.8#

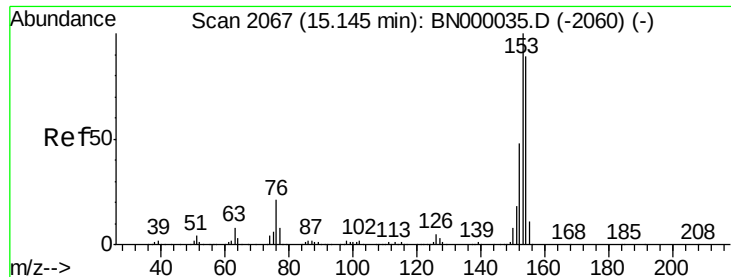


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 2.91 ng

RT: 15.14 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

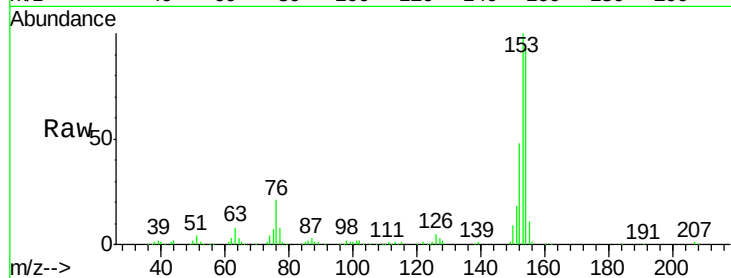
Tot Ion:154 Resp: 202956

Ion Ratio Lower Upper

154 100

153 108.0 90.4 135.6

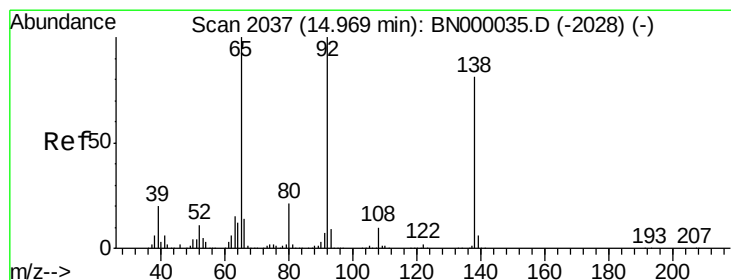
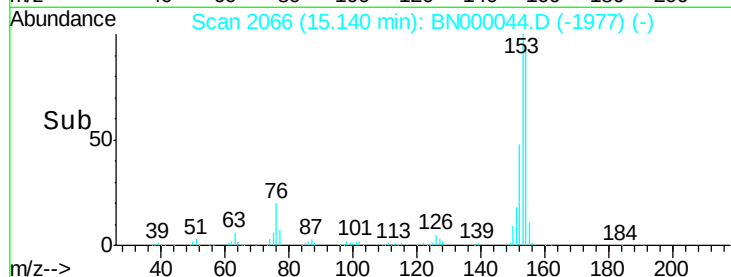
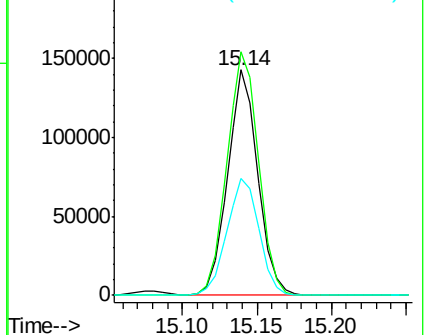
152 51.8 41.6 62.4



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: 1.81 ng

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

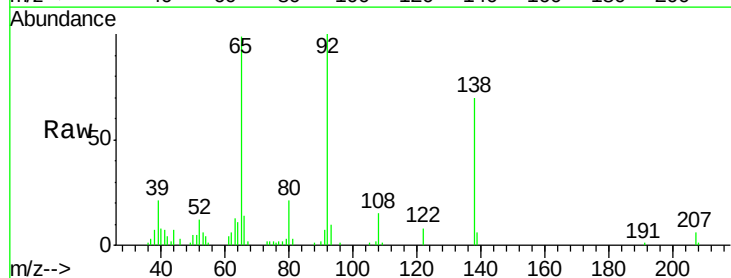
Tgt Ion:138 Resp: 38056

Ion Ratio Lower Upper

138 100

108 22.0 17.5 26.3

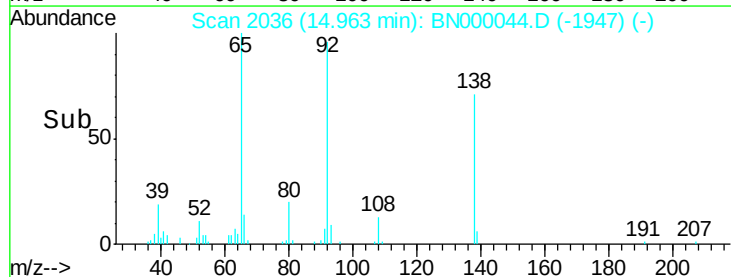
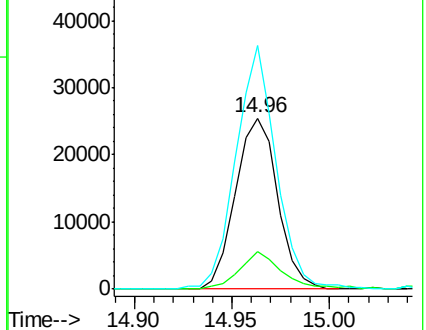
92 142.2 105.8 158.8

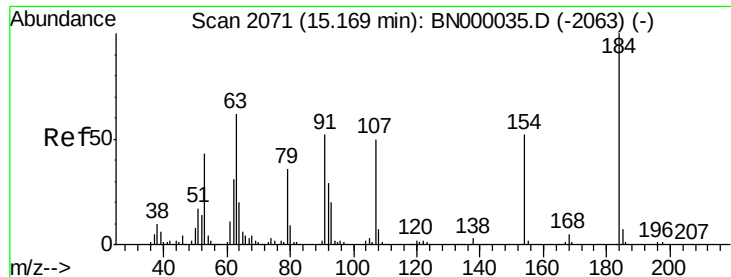


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

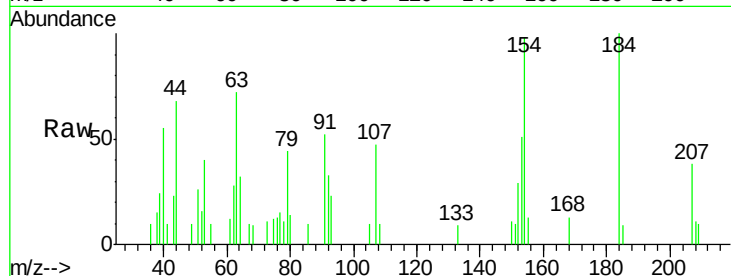




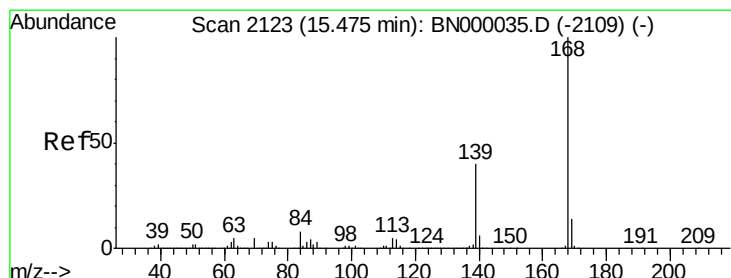
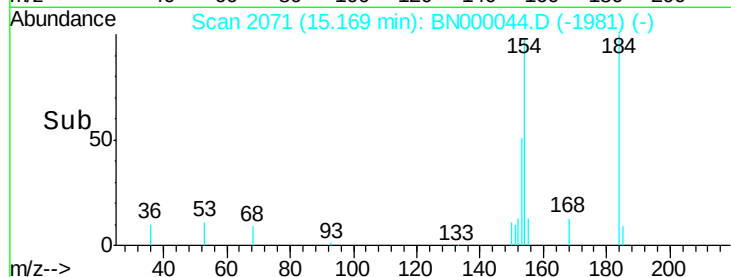
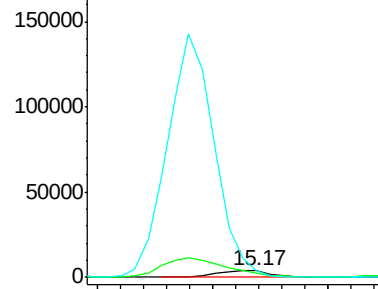
#53
2,4-Dinitrophenol
Concen: 10.14 ng
RT: 15.17 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 6331
Ion Ratio Lower Upper
184 100
63 71.6 80.0 120.0#
154 98.4 308.0 462.0#

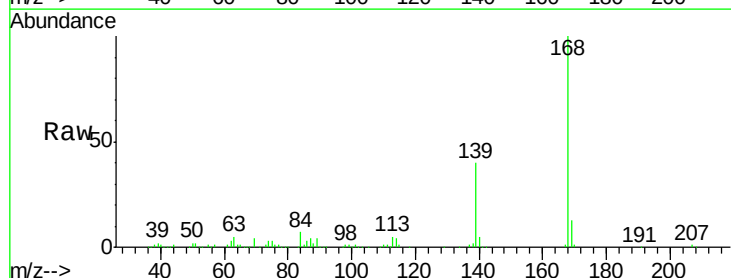


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

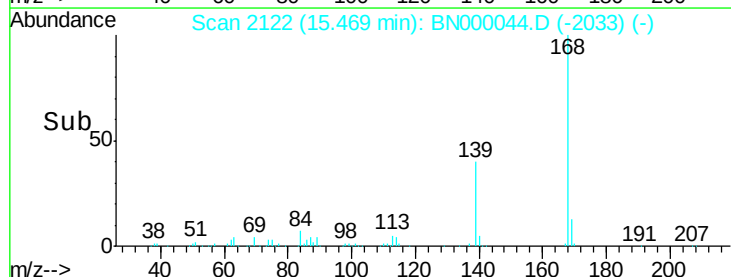
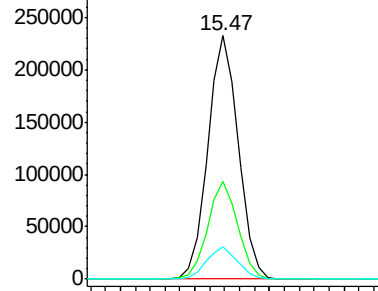


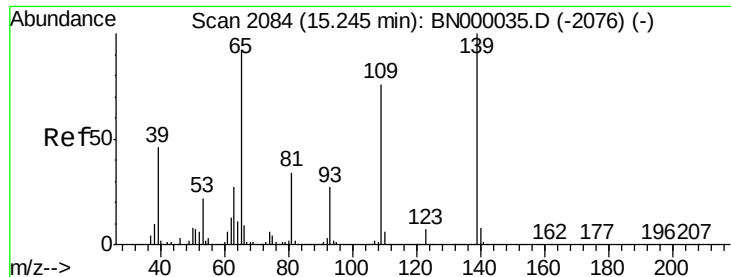
#54
Dibenzofuran
Concen: 3.34 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:168 Resp: 329657
Ion Ratio Lower Upper
168 100
139 39.9 28.6 43.0
169 13.3 11.2 16.8



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

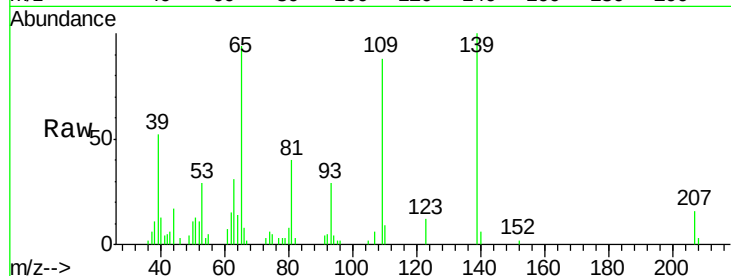




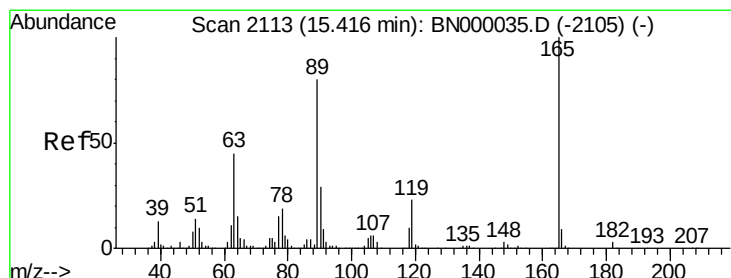
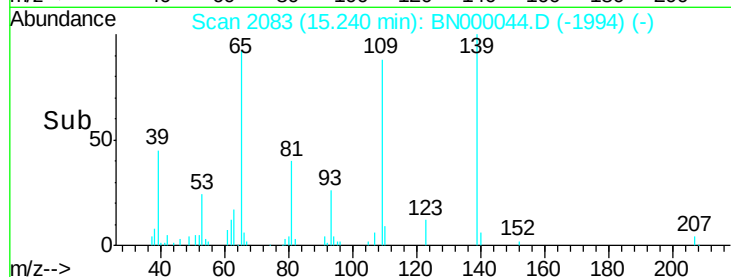
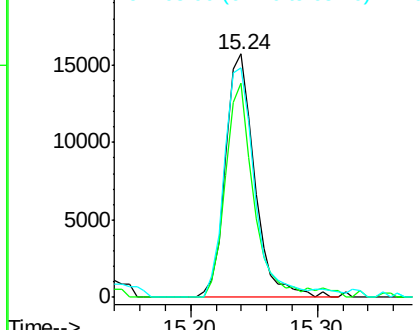
#55
4-Nitrophenol
Concen: 6.33 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:139 Resp: 25015
Ion Ratio Lower Upper
139 100
109 87.8 62.2 102.2
65 94.4 97.2 137.2#

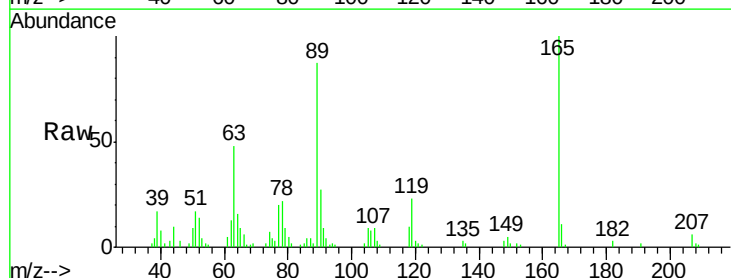


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BNC

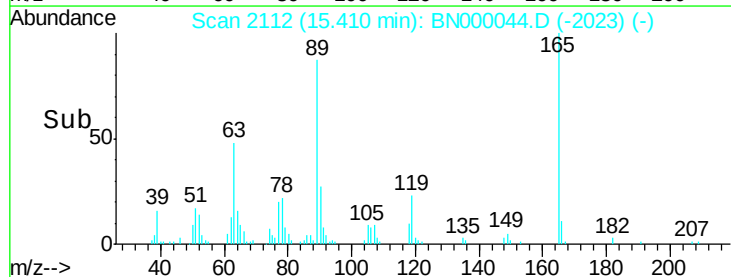
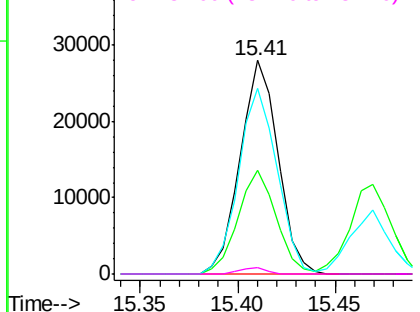


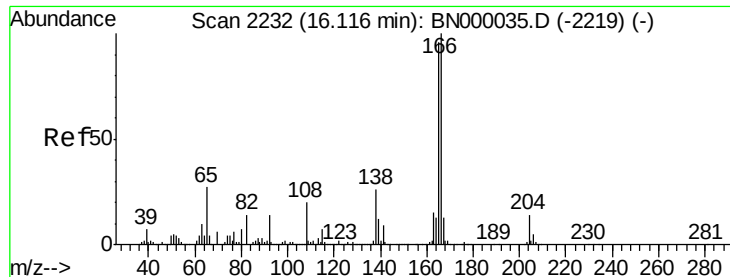
#56
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:165 Resp: 37648
Ion Ratio Lower Upper
165 100
63 48.3 42.0 63.0
89 86.6 66.9 100.3
182 3.0 2.6 3.8



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
Ion 182.00 (181.70 to 182.70): E

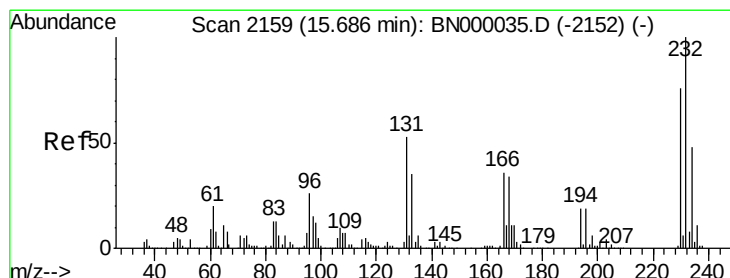
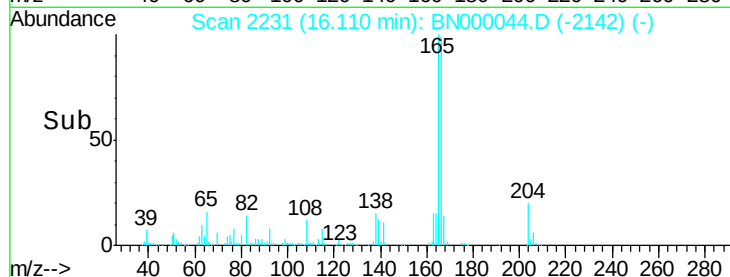
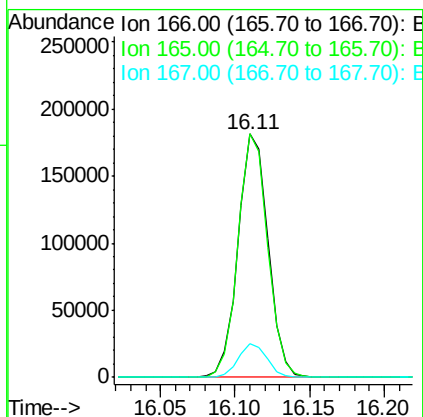
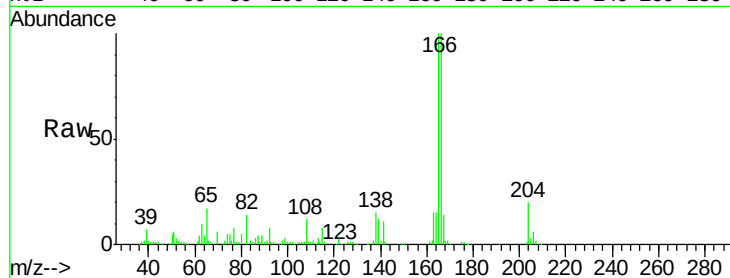




#57
 Fluorene
 Concen: 3.15 ng
 RT: 16.11 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

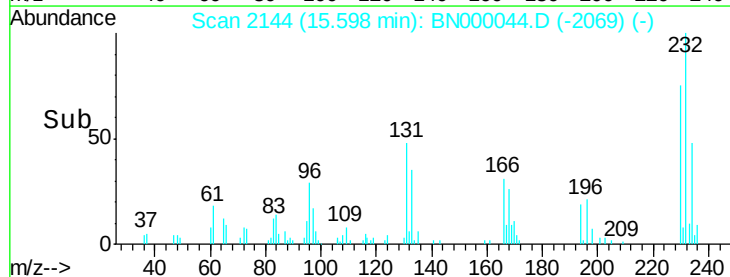
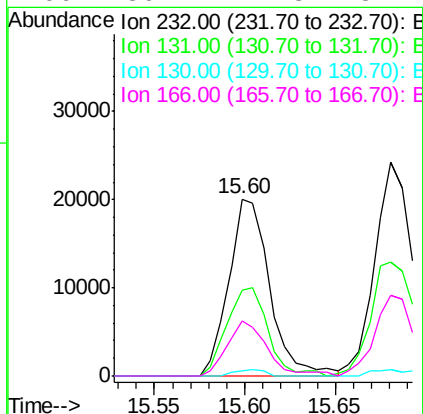
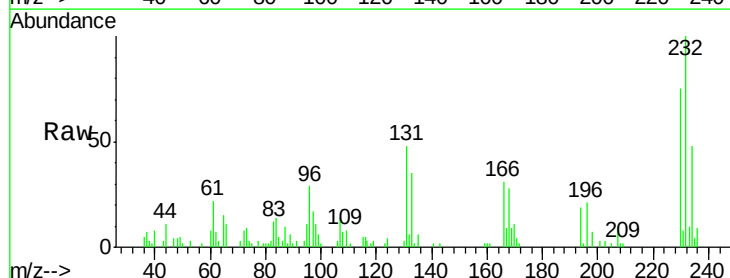
Instrument :
 BNA_N
 ClientSampleId :

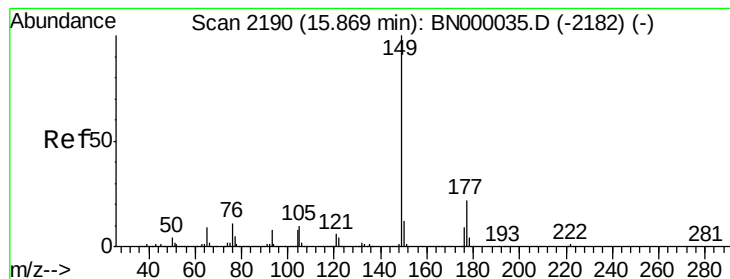
Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.9	80.6	121.0	
167	14.0	10.4	15.6	



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.86 ng
 RT: 15.60 min Scan# 2144
 Delta R.T. -0.09 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ion	Ratio	Lower	Upper
232	100			
131	50.0	33.5	50.3	
130	2.7	2.2	3.2	
166	30.4	24.8	37.2	





#59

Diethylphthalate

Concen: 2.79 ng

RT: 15.86 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

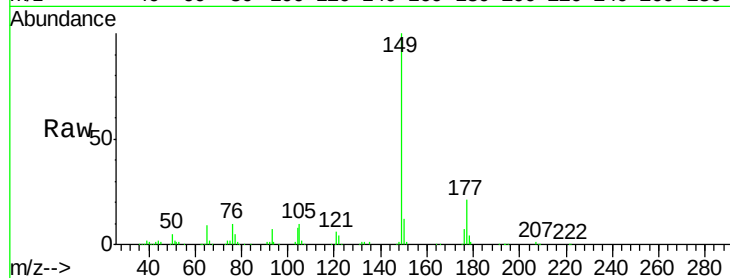
Tot Ion:149 Resp: 238410

Ion Ratio Lower Upper

149 100

177 21.2 18.5 27.7

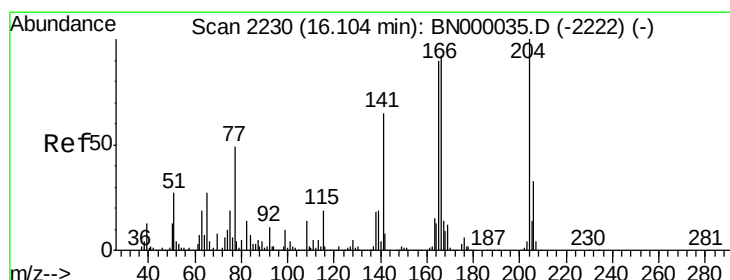
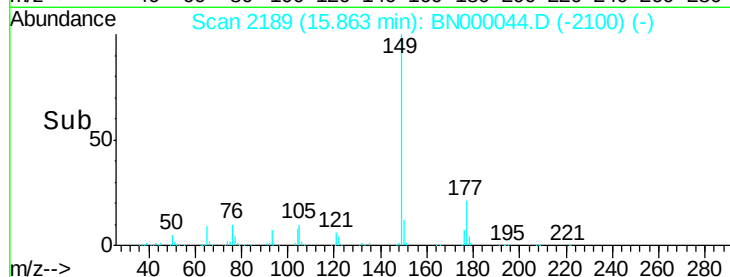
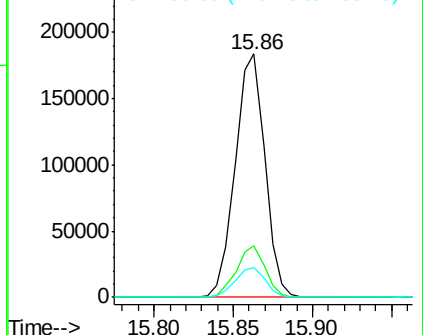
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 3.28 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

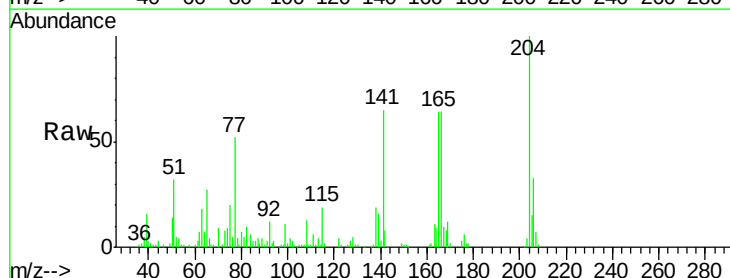
Tgt Ion:204 Resp: 120293

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

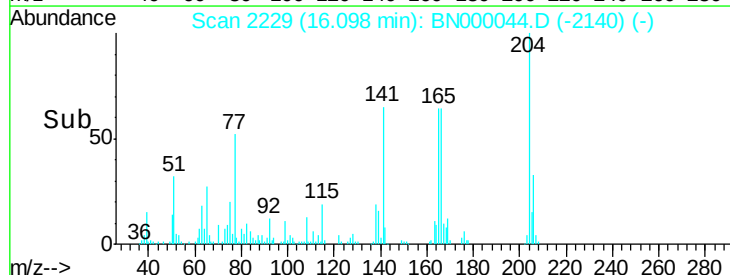
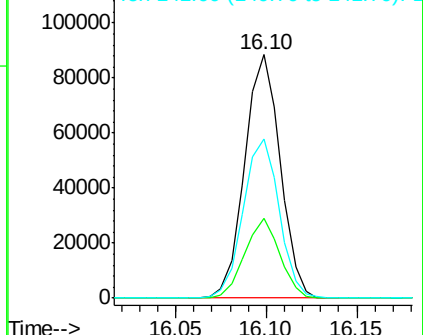
141 65.1 45.8 68.6

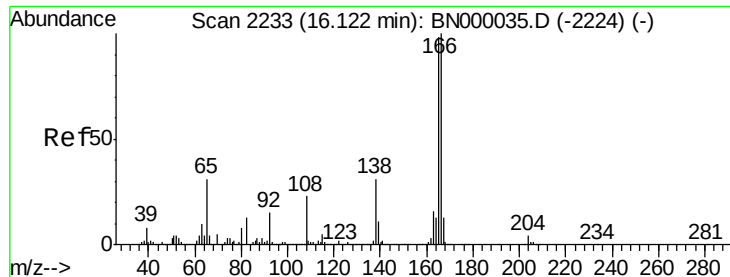


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 1.85 ng

RT: 16.11 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

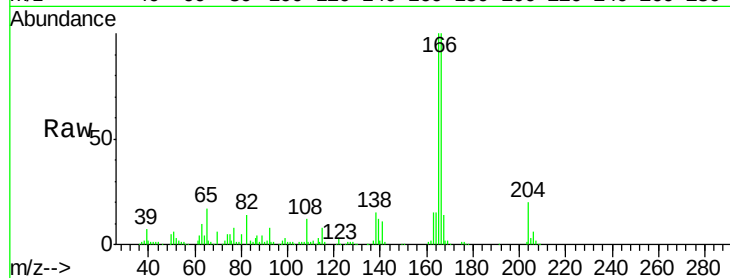
Tot Ion:138 Resp: 40114

Ion Ratio Lower Upper

138 100

92 52.8 40.1 80.1

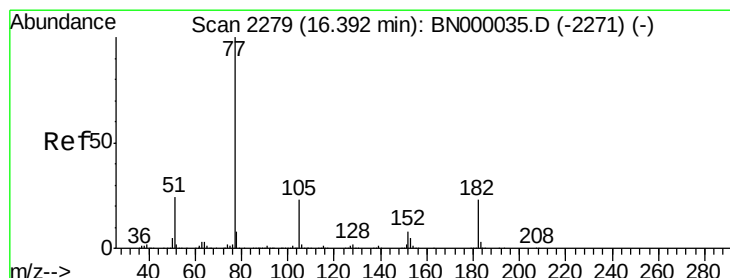
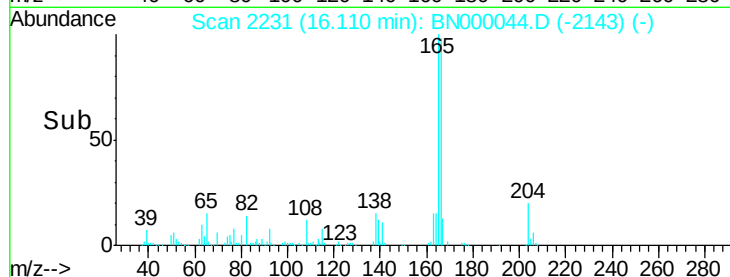
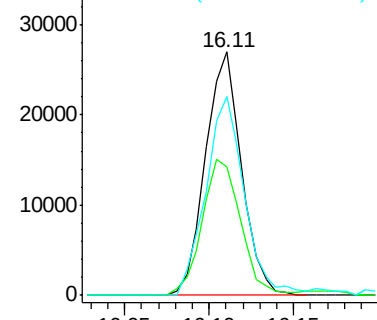
108 81.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.76 ng

RT: 16.39 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Tgt Ion: 77 Resp: 234416

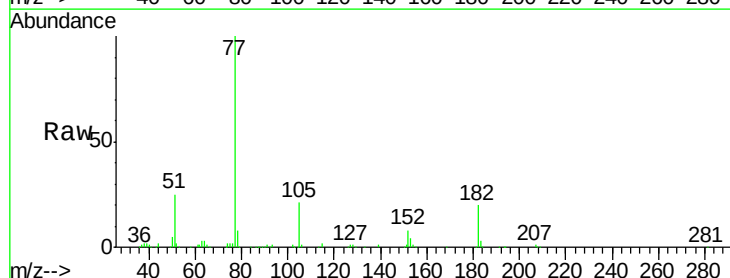
Ion Ratio Lower Upper

77 100

182 19.8 7.4 47.4

105 21.1 0.3 40.3

51 25.0 11.6 51.6

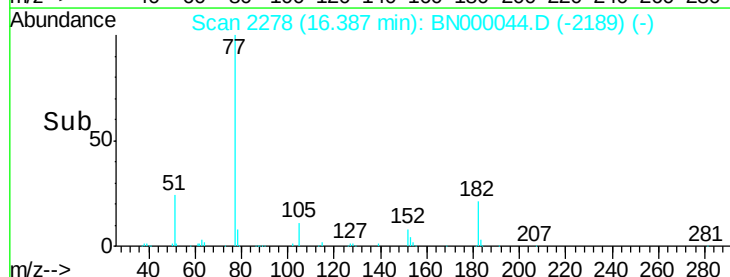
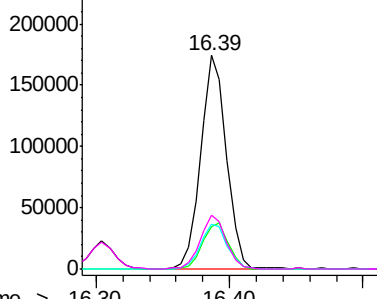


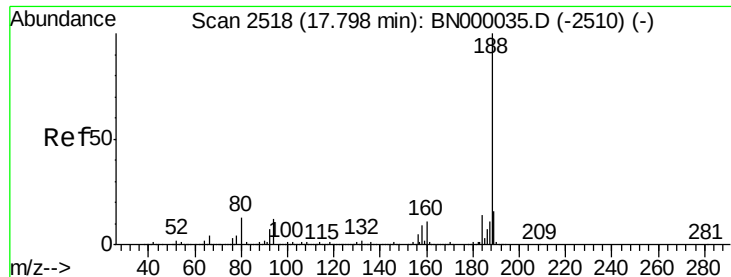
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC

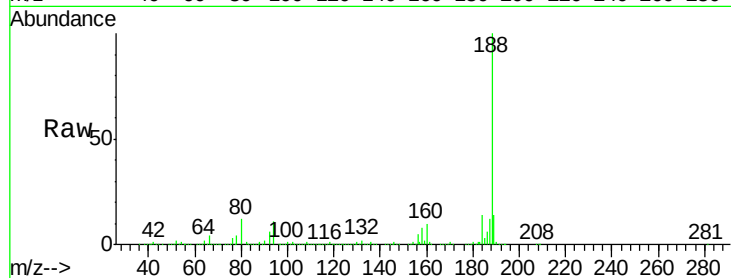




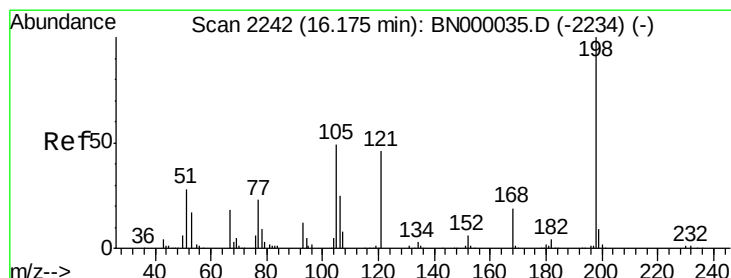
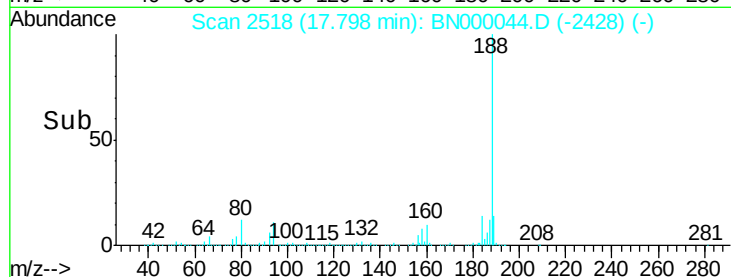
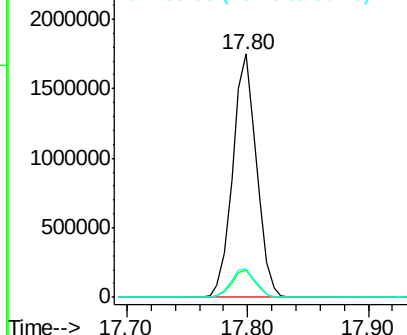
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.80 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 2410365
Ion Ratio Lower Upper
188 100
94 11.1 6.9 10.3#
80 11.8 7.7 11.5#

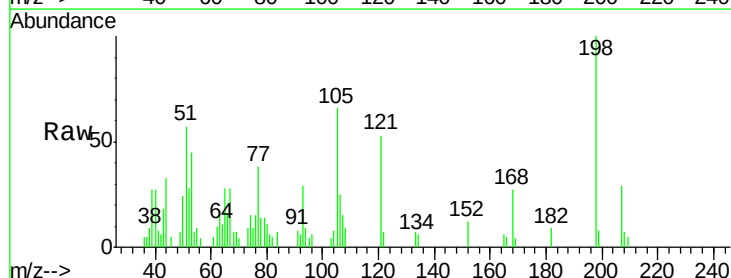


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

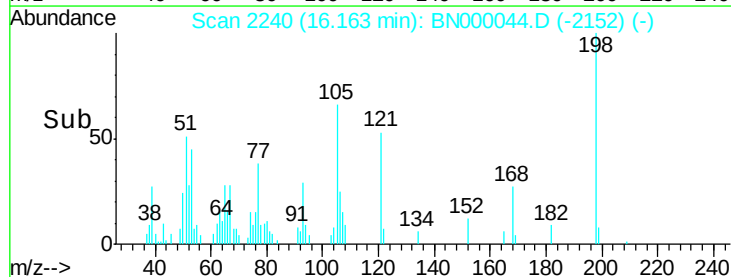
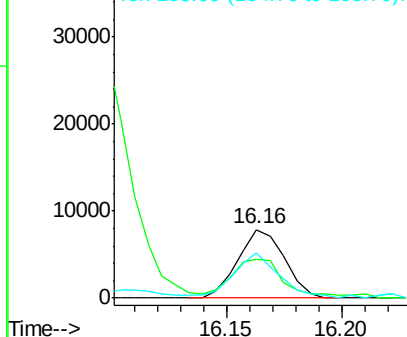


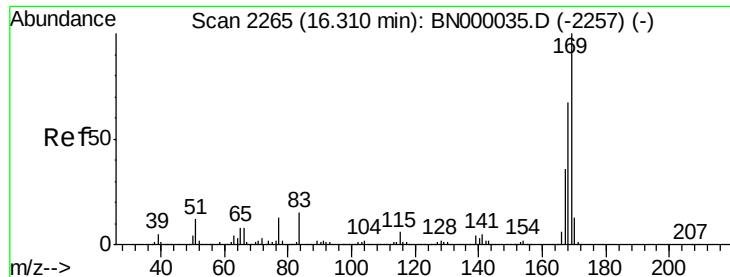
#64
4,6-Dinitro-2-methylphenol
Concen: 9.50 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:198 Resp: 11107
Ion Ratio Lower Upper
198 100
51 57.0 30.6 70.6
105 65.7 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

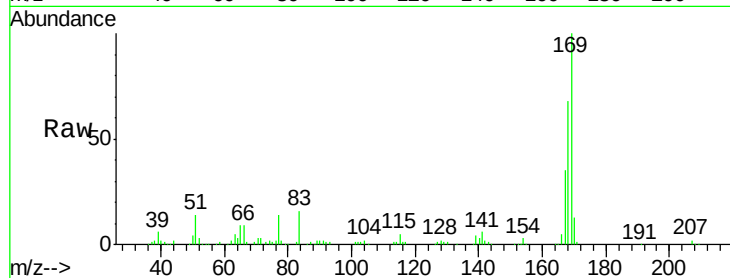




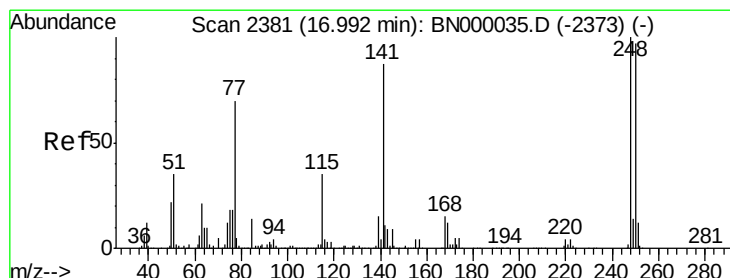
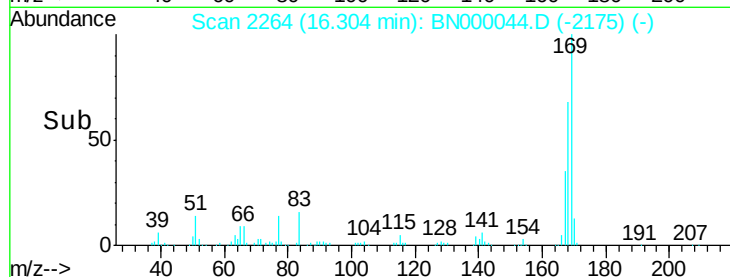
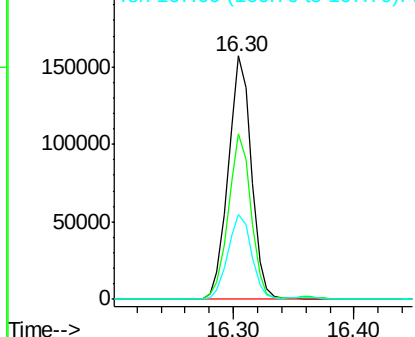
#65
n-Nitrosodiphenylamine
Concen: 2.67 ng
RT: 16.30 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	55.7	83.5
167	34.7	30.1	45.1

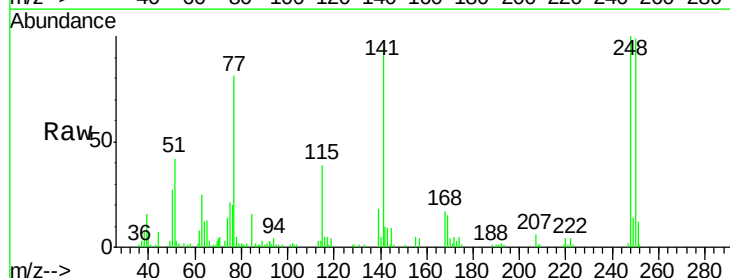


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

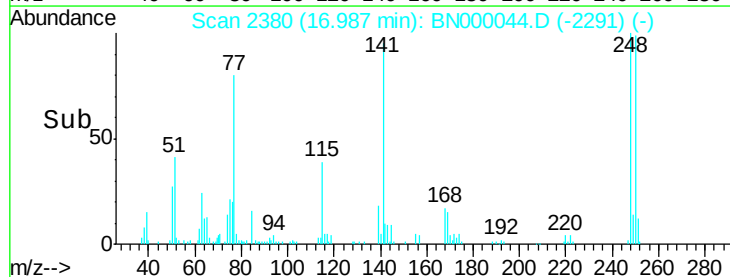
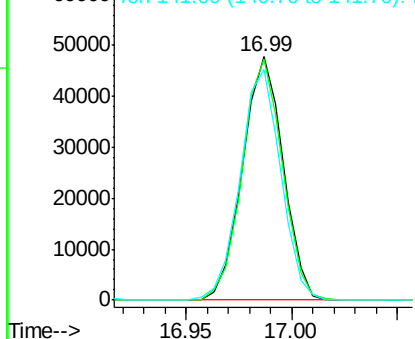


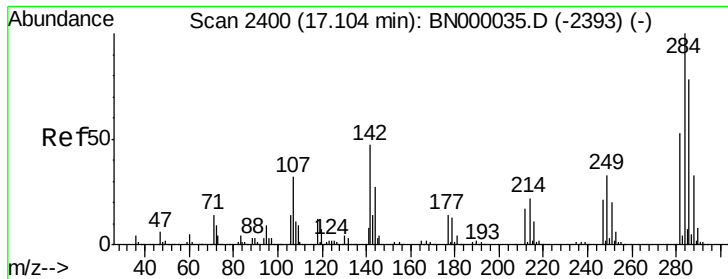
#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.1	115.7
141	94.9	50.8	76.2



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

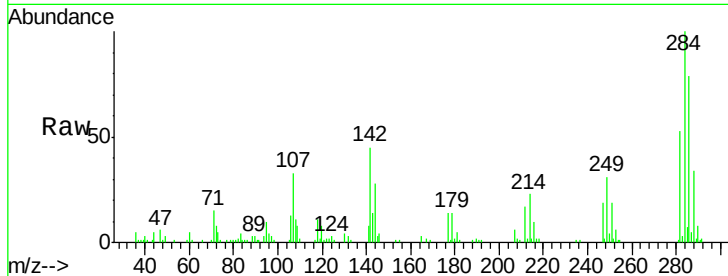




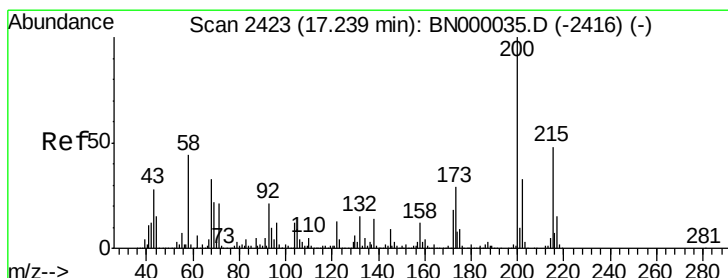
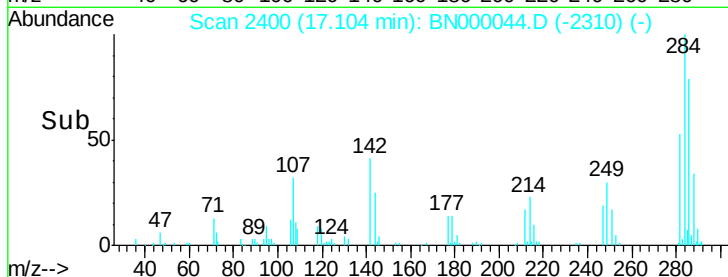
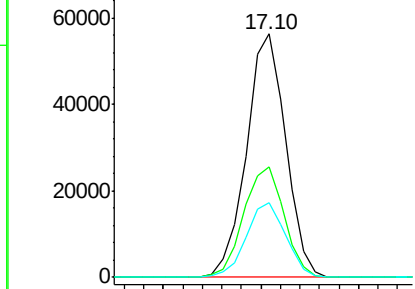
#67
Hexachlorobenzene
Concen: 2.92 ng
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 78290
Ion Ratio Lower Upper
284 100
142 45.4 26.8 40.2#
249 30.7 26.3 39.5

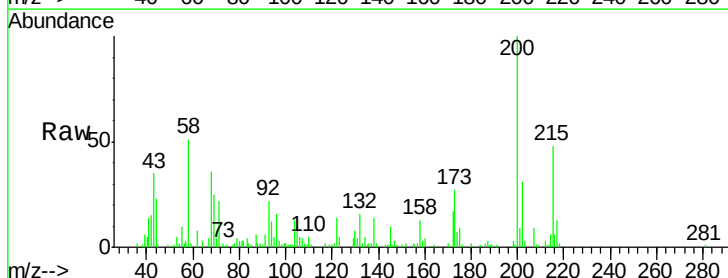


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

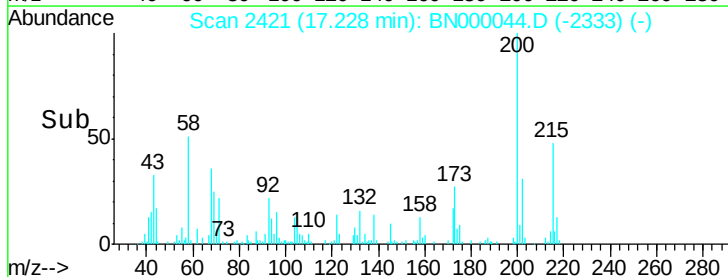
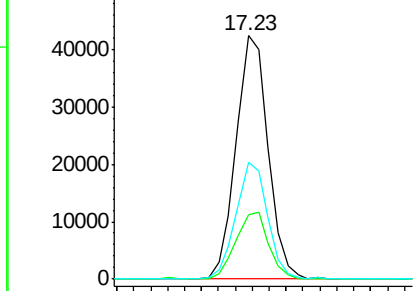


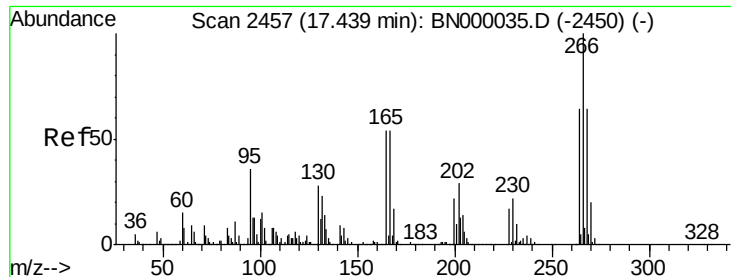
#68
Atrazine
Concen: 2.20 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:200 Resp: 56150
Ion Ratio Lower Upper
200 100
173 26.7 5.2 45.2
215 48.2 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: 7.06 ng

RT: 17.44 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

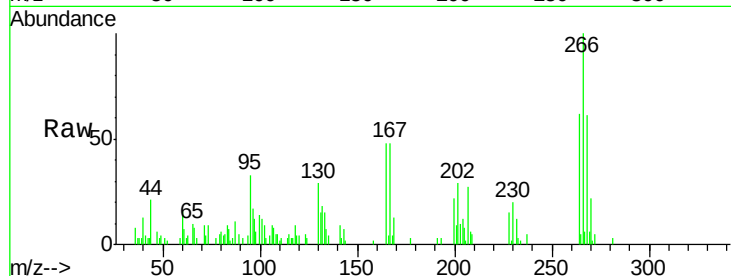
Tot Ion:266 Resp: 24525

Ion Ratio Lower Upper

266 100

268 61.4 51.1 76.7

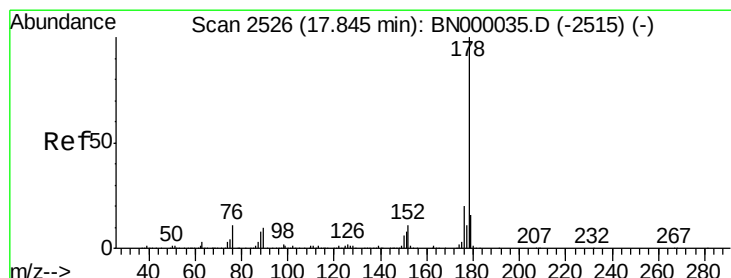
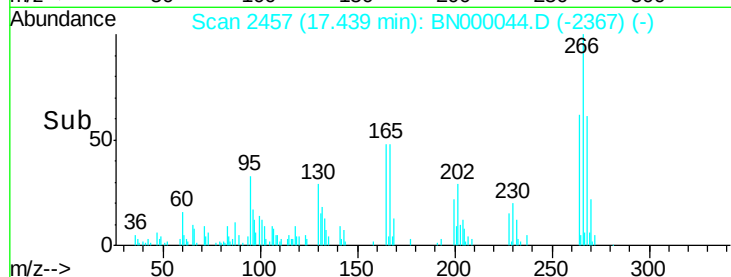
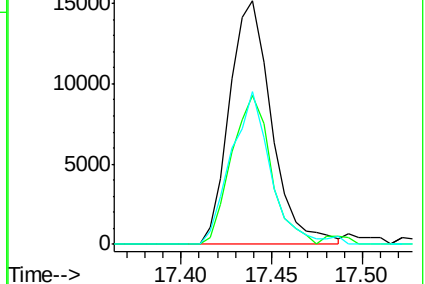
264 62.5 49.6 74.4



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: 3.24 ng

RT: 17.84 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

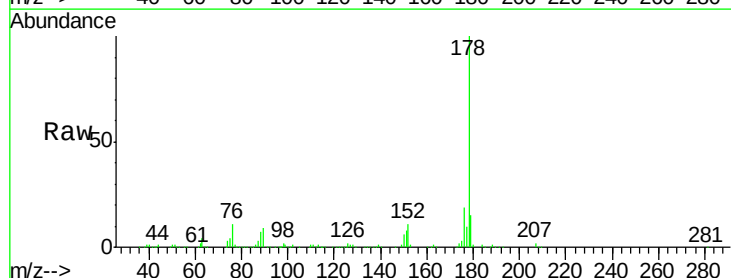
Tgt Ion:178 Resp: 461424

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

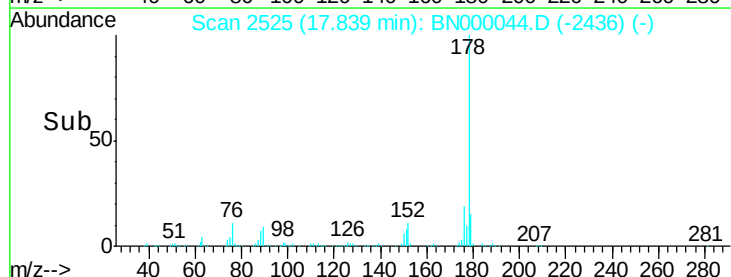
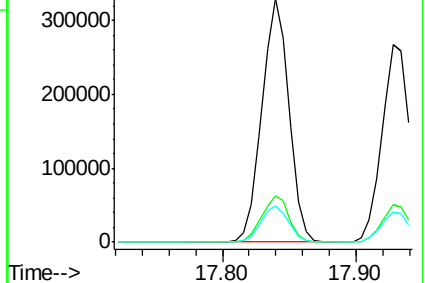
179 15.1 12.5 18.7

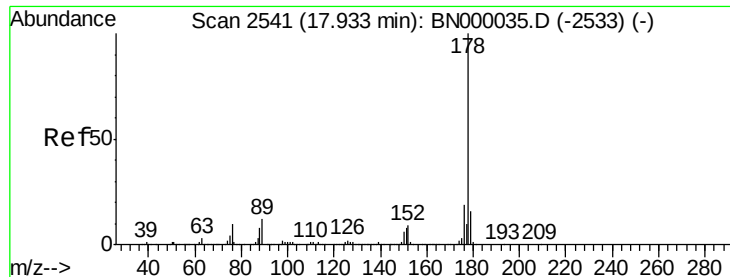


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.88 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampled :

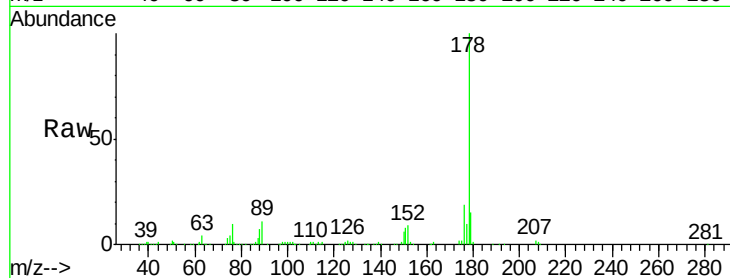
Tot Ion:178 Resp: 397488

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

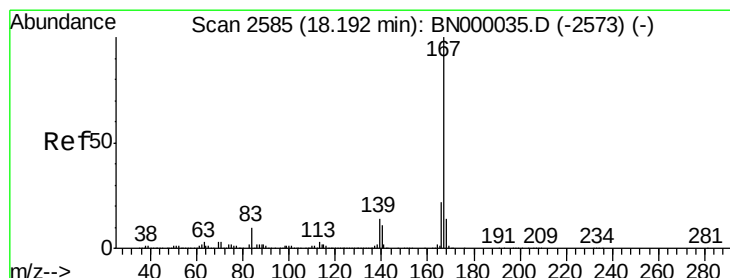
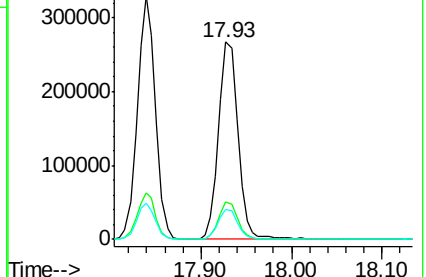
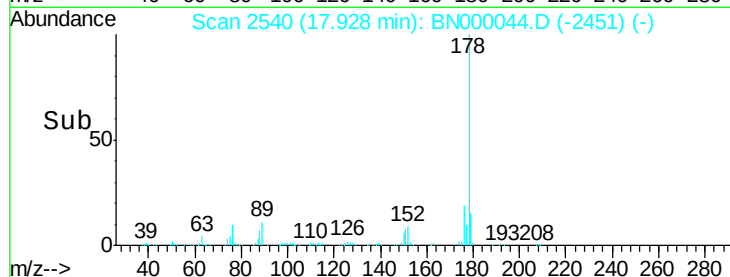
179 15.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.77 ng

RT: 18.19 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

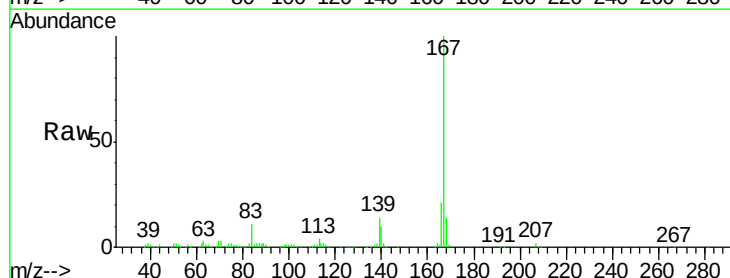
Tgt Ion:167 Resp: 385160

Ion Ratio Lower Upper

167 100

166 21.0 18.2 27.4

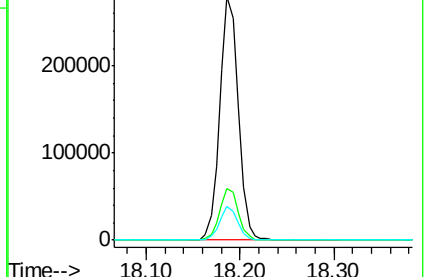
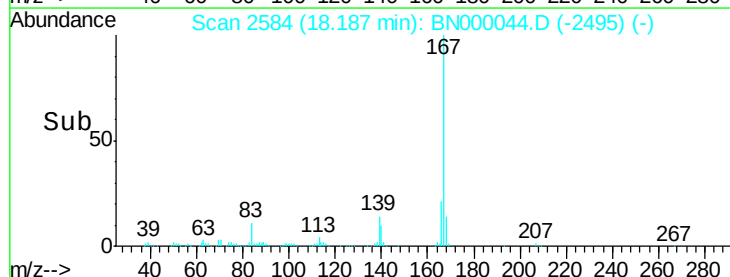
139 13.6 9.4 14.2

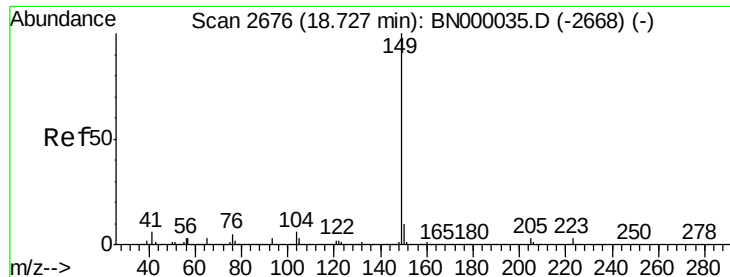


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.93 ng

RT: 18.73 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

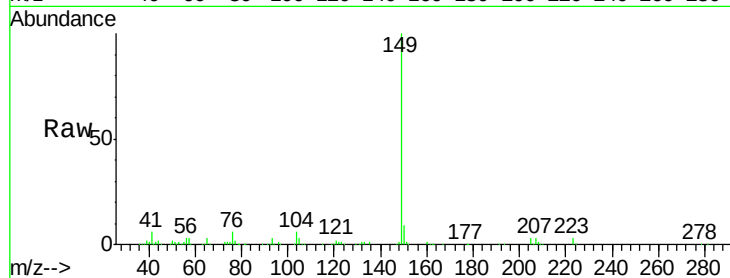
Tot Ion:149 Resp: 295504

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

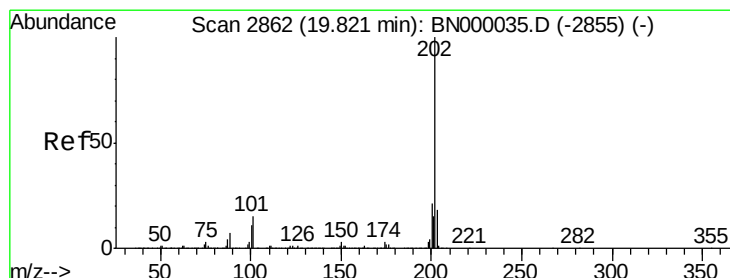
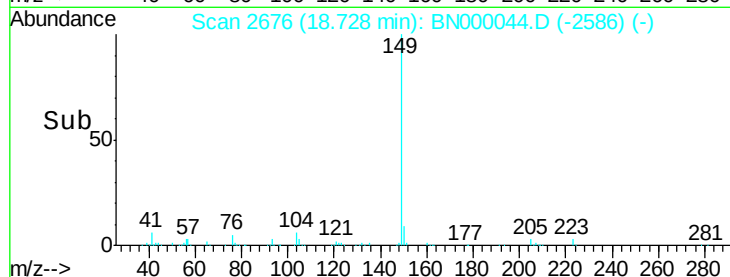
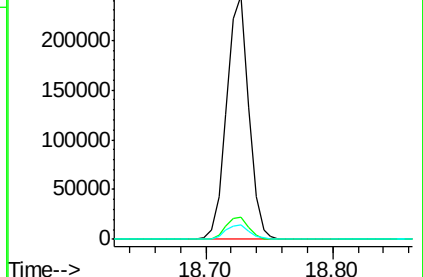
104 5.9 3.9 5.9#



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: 2.97 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

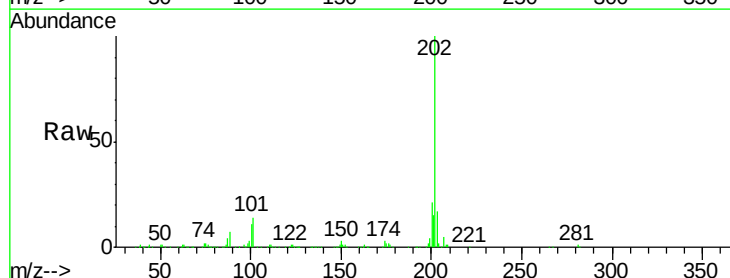
Tgt Ion:202 Resp: 442975

Ion Ratio Lower Upper

202 100

101 14.3 0.0 28.9

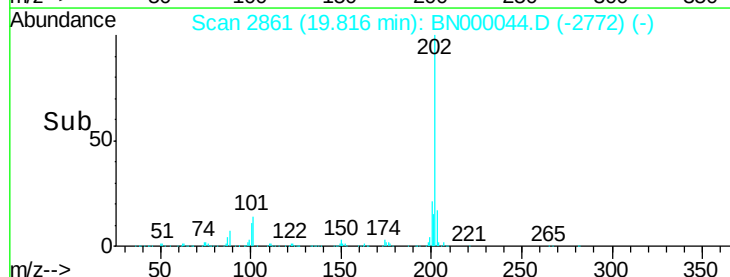
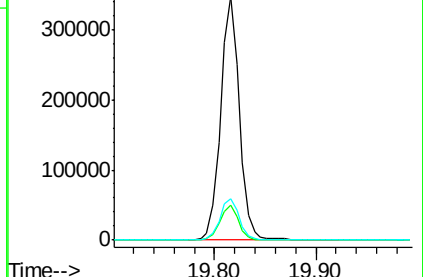
203 17.1 0.0 37.5

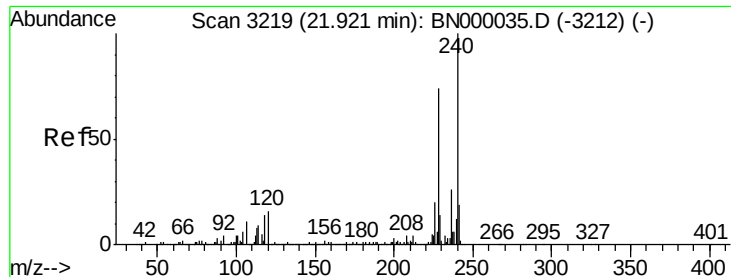


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.92 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

Instrument :

BNA_N

ClientSampleId :

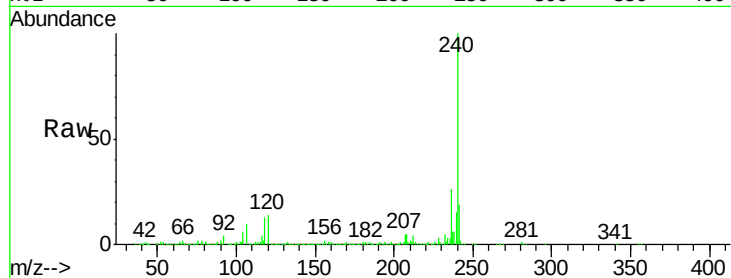
Tot Ion:240 Resp: 2679854

Ion Ratio Lower Upper

240 100

120 13.8 6.8 10.2#

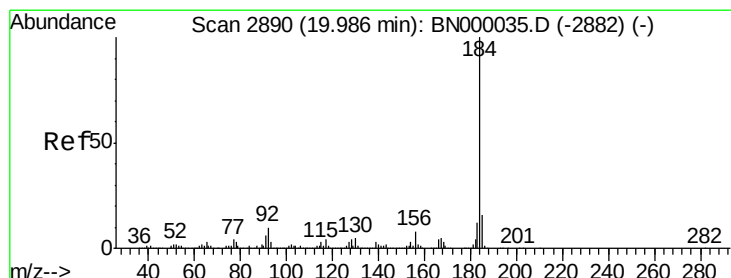
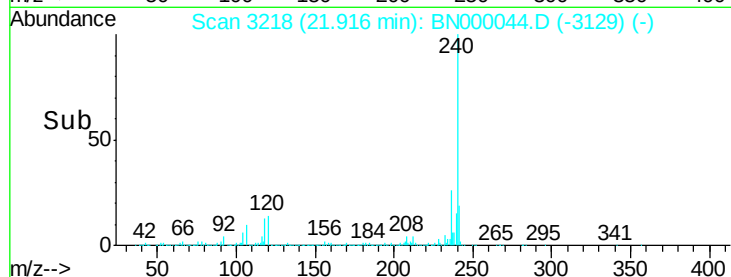
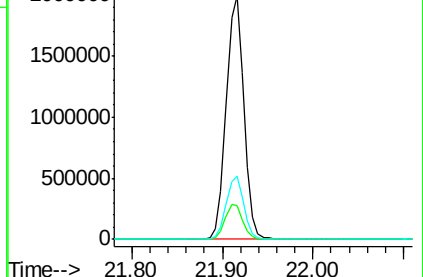
236 26.0 20.9 31.3



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: 1.09 ng

RT: 19.98 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BN000044.D

Acq: 07 Feb 2018 20:23

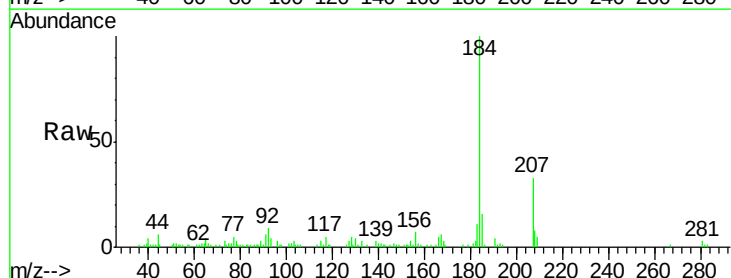
Tgt Ion:184 Resp: 92816

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

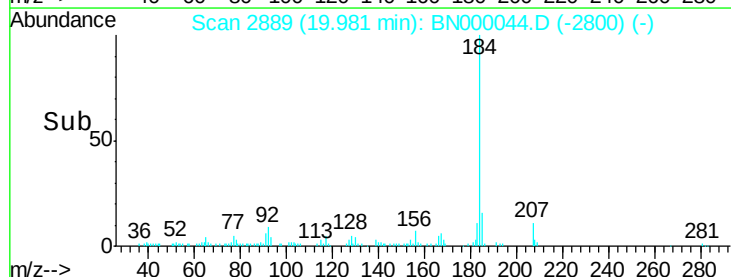
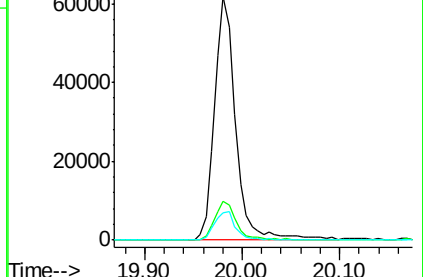
183 11.3 10.6 16.0

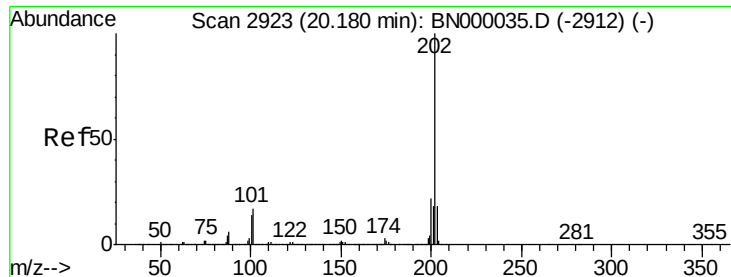


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

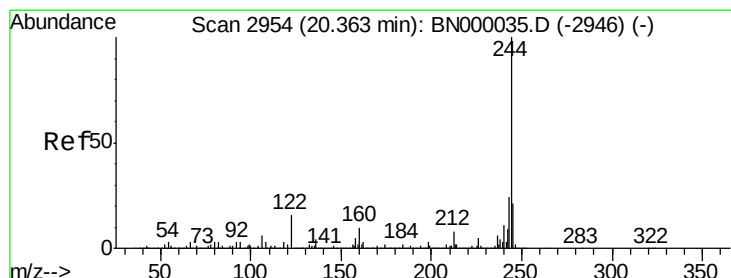
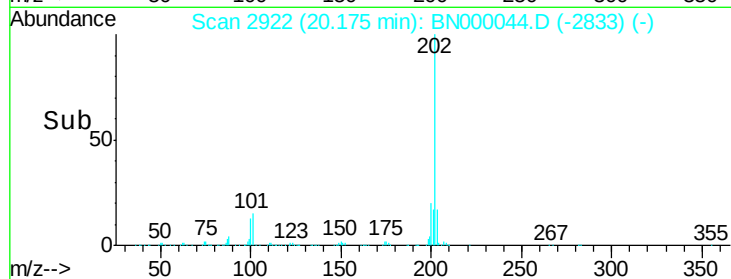
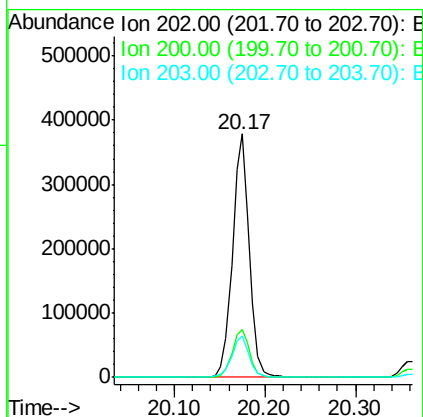
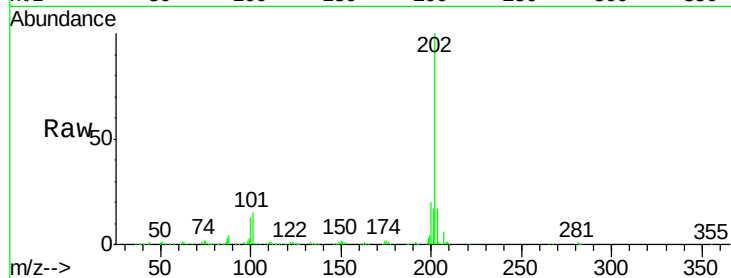




#77
Pvrene
Concen: 2.88 ng
RT: 20.17 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

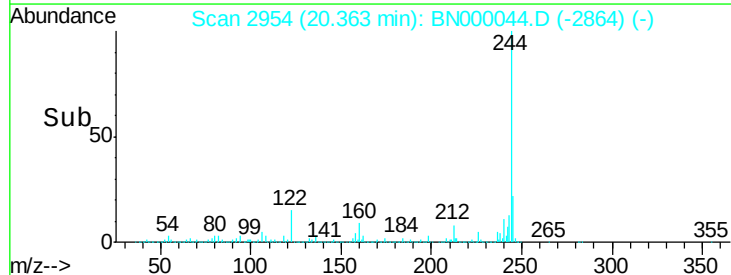
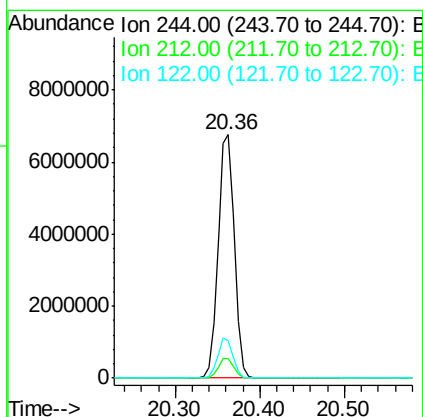
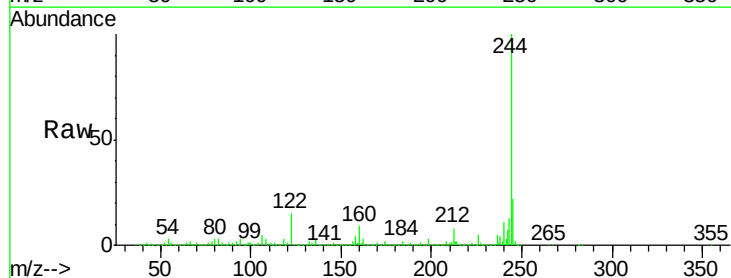
Instrument :
BNA_N
ClientSampleId :

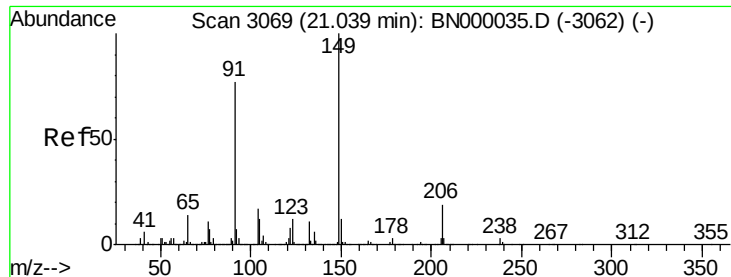
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.9	25.3
203	17.1	13.9	20.9



#78
Terphenyl-d14
Concen: 92.31 ng
RT: 20.36 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	15.2	7.0	10.4

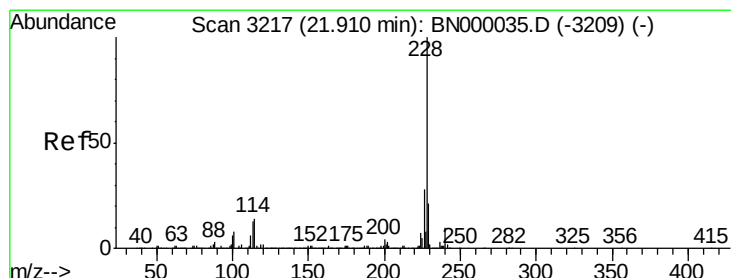
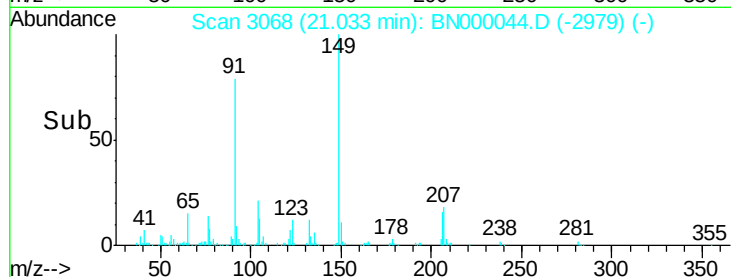
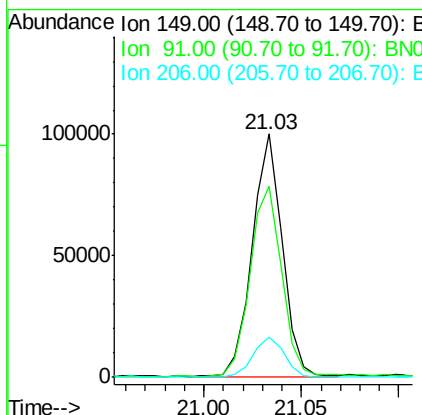
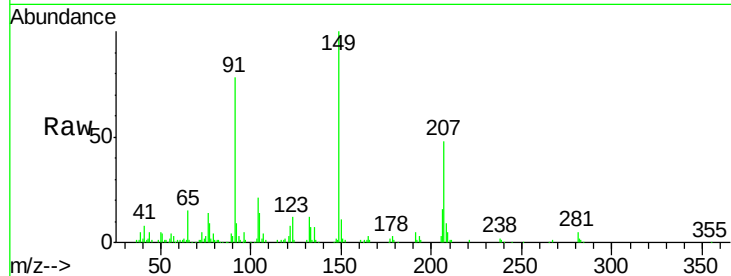




#79
Butylbenzylphthalate
Concen: 6.54 ng
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

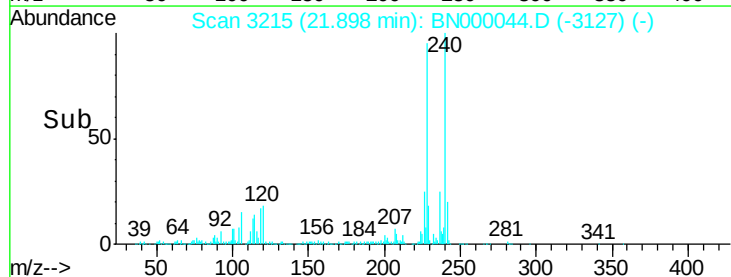
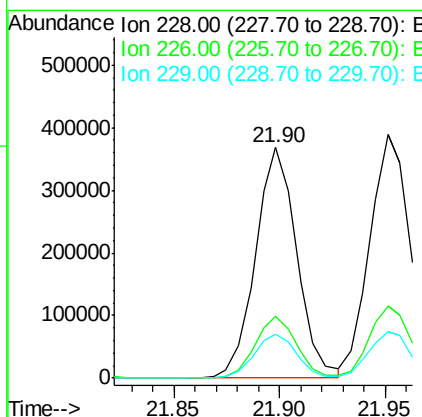
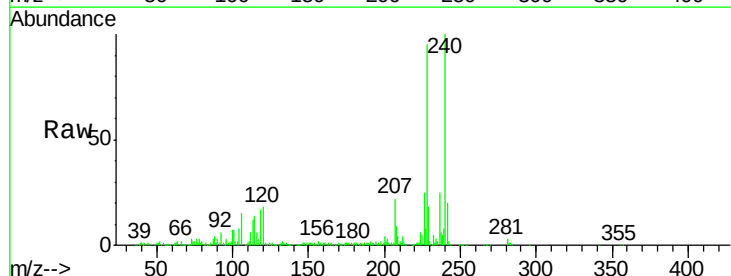
Instrument :
BNA_N
ClientSampleId :

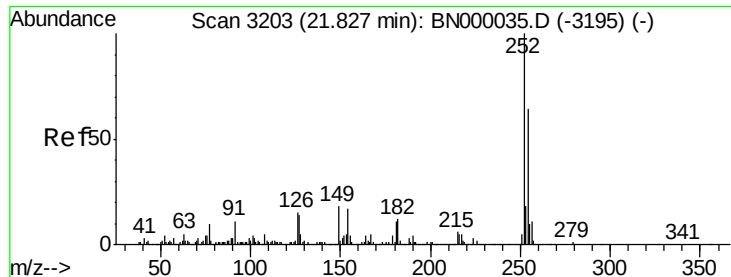
Tot Ion:149 Resp: 105909
Ion Ratio Lower Upper
149 100
91 78.3 62.2 93.2
206 16.3 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 3.04 ng
RT: 21.90 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:228 Resp: 500716
Ion Ratio Lower Upper
228 100
226 26.7 22.7 34.1
229 18.9 16.2 24.2

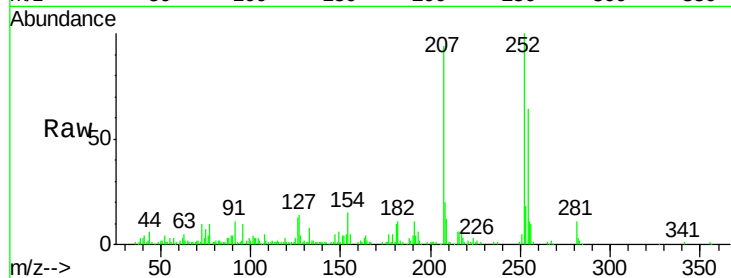




#81
 3,3'-Dichlorobenzidine
 Concen: 2.03 ng
 RT: 21.82 min Scan# 3202
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	13.3	7.4	11.2

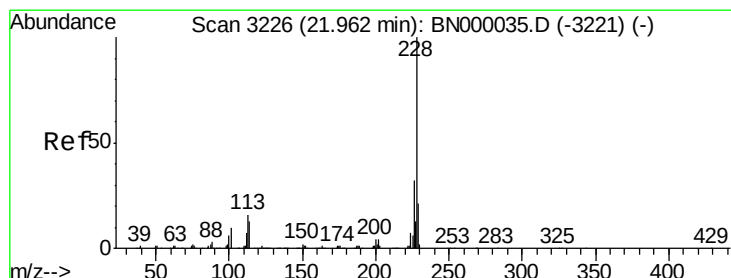
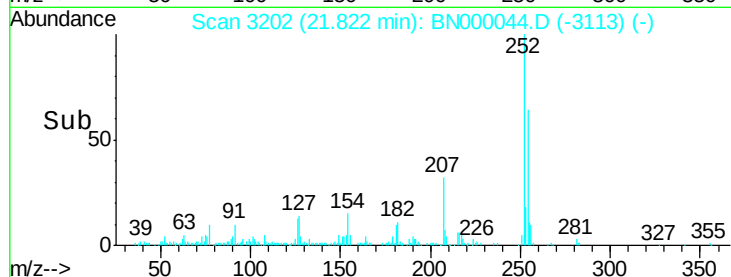
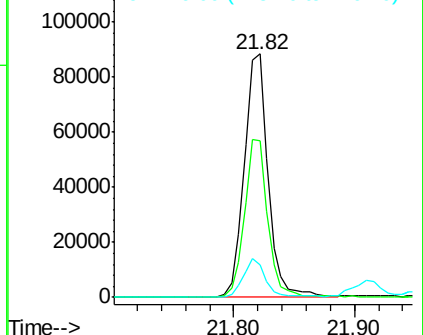


Abundance

Ion 252.00 (251.70 to 252.70): E

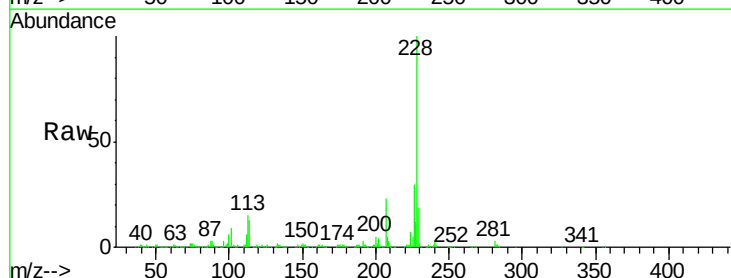
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 3.20 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	18.9	15.0	22.4

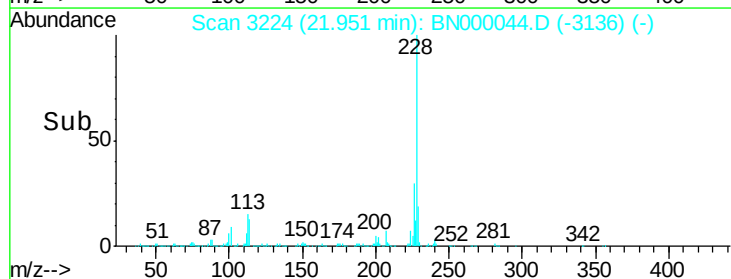
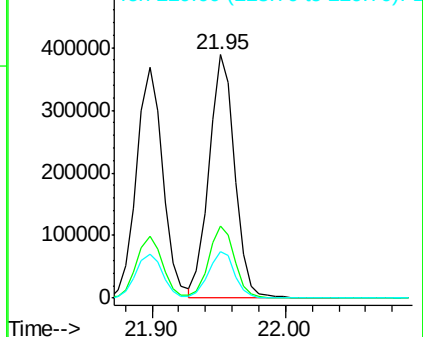


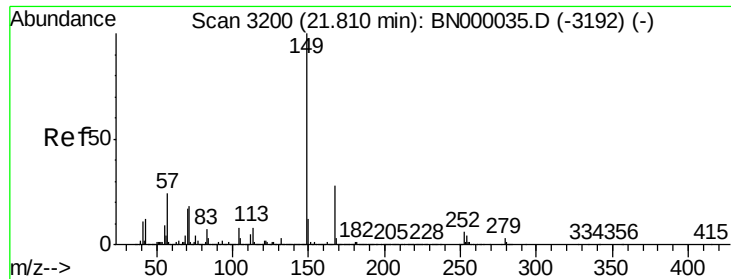
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

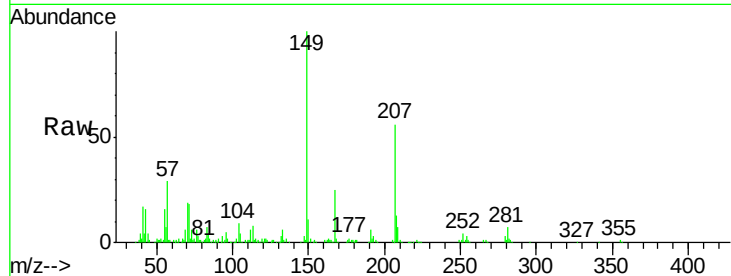




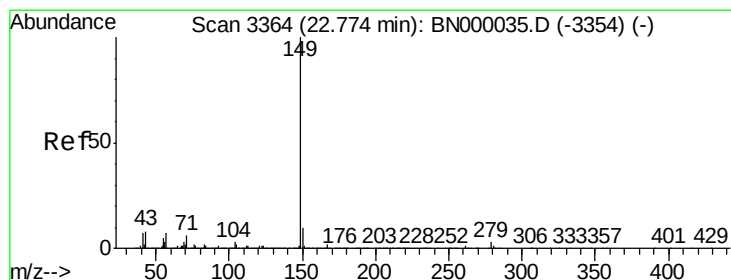
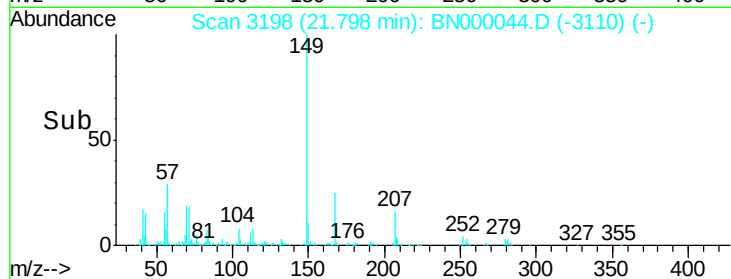
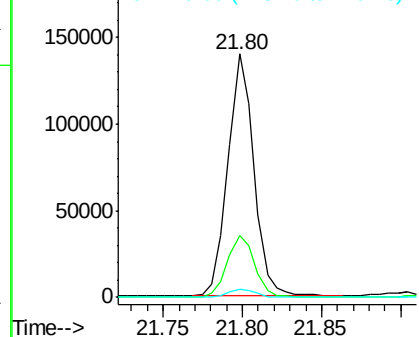
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.15 ng
 RT: 21.80 min Scan# 3198
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 158508
 Ion Ratio Lower Upper
 149 100
 167 25.3 24.3 36.5
 279 3.4 4.0 6.0#

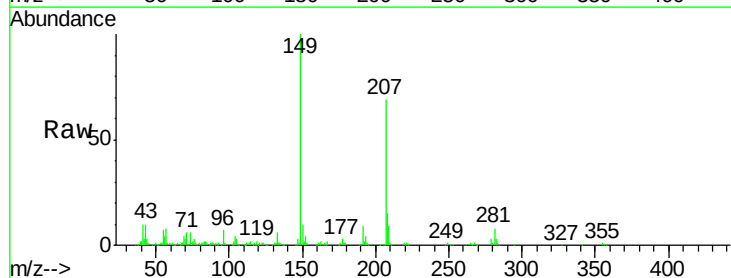


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

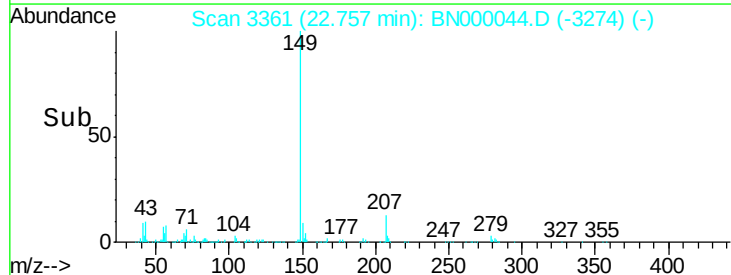
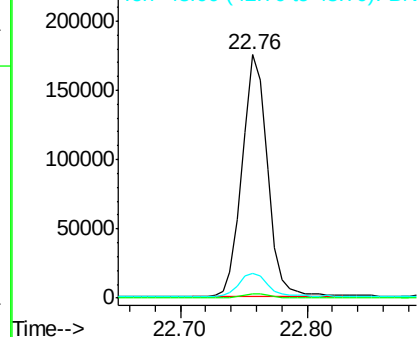


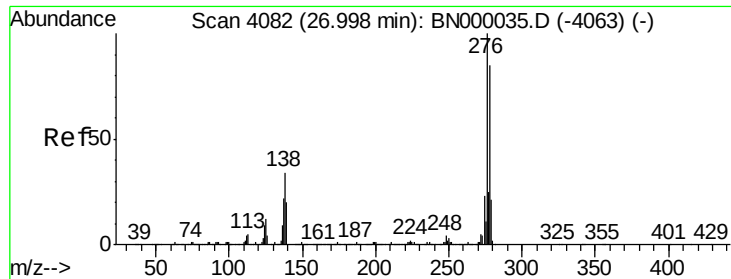
#84
 Di-n-octyl phthalate
 Concen: 7.63 ng
 RT: 22.76 min Scan# 3361
 Delta R.T. -0.02 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion:149 Resp: 241457
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 11.4 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

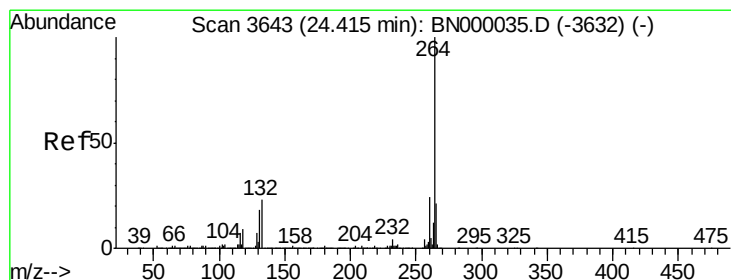
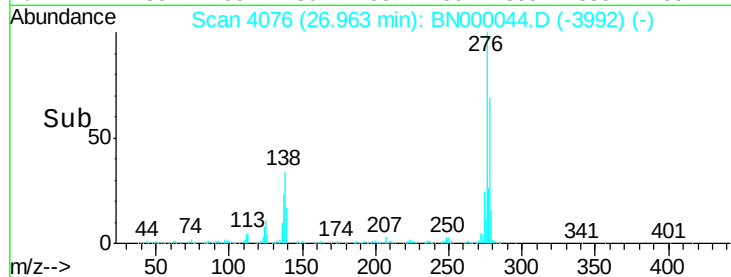
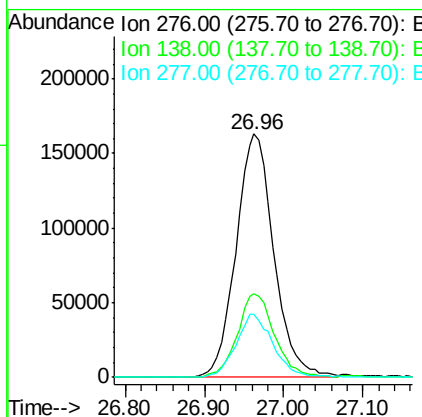
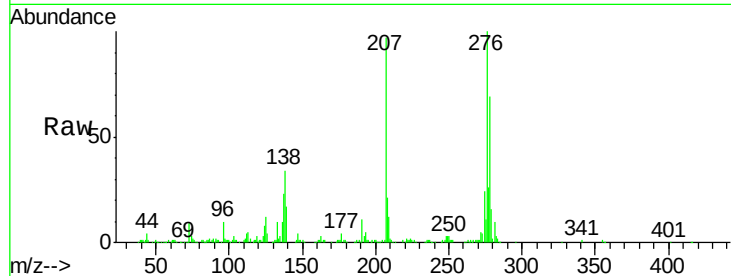




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.68 ng
 RT: 26.96 min Scan# 4076
 Delta R.T. -0.04 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

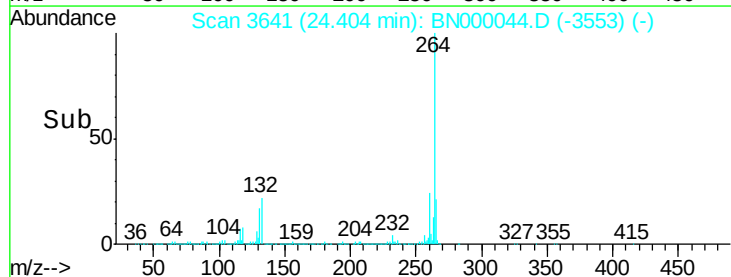
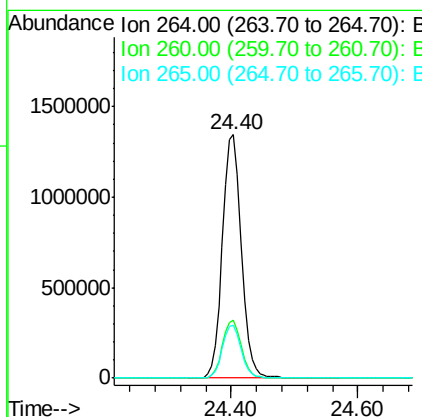
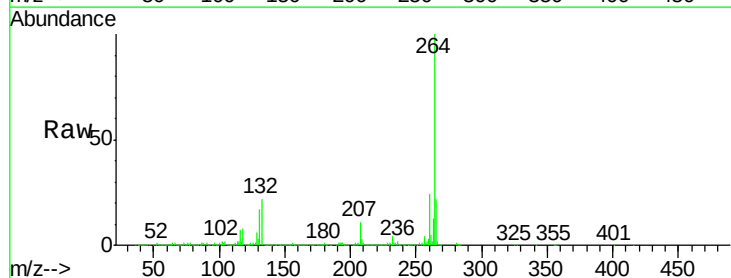
Instrument :
 BNA_N
 ClientSampleId :

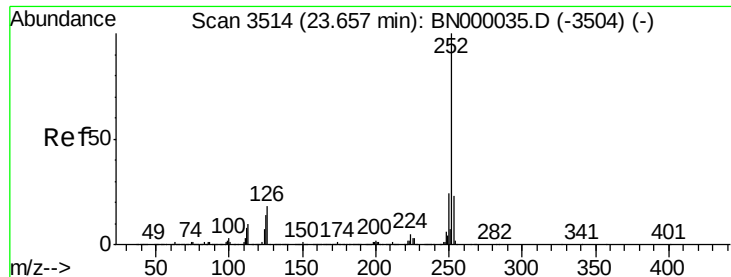
Tot Ion:276 Resp: 539744
 Ion Ratio Lower Upper
 276 100
 138 33.9 16.0 24.0#
 277 25.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.40 min Scan# 3641
 Delta R.T. -0.01 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Tgt Ion:264 Resp: 2790666
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 21.6 17.7 26.5

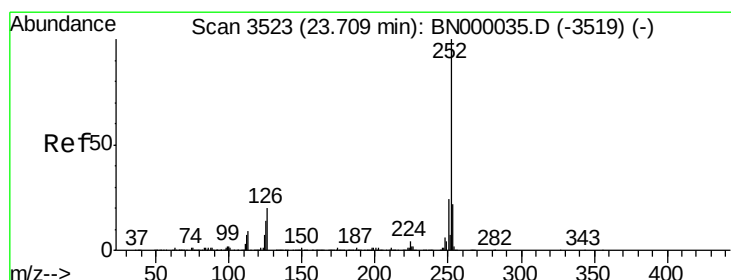
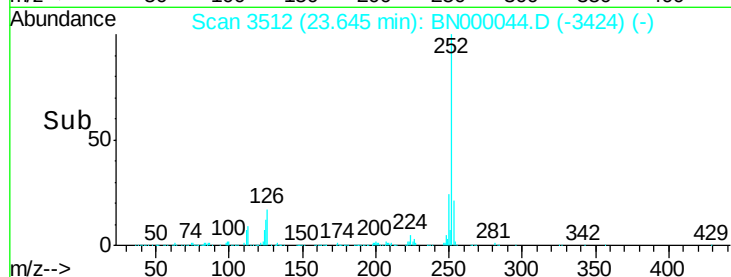
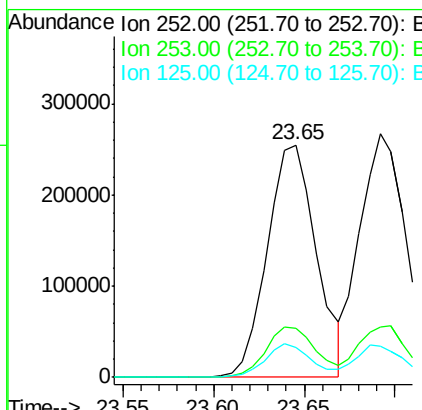
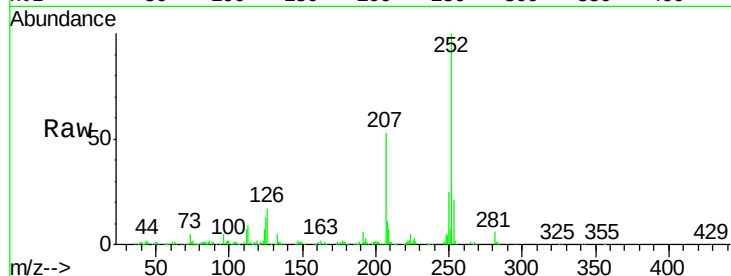




#87
Benzo(b)fluoranthene
Concen: 2.95 ng
RT: 23.65 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

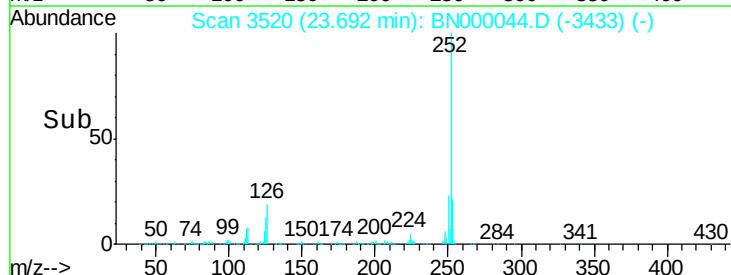
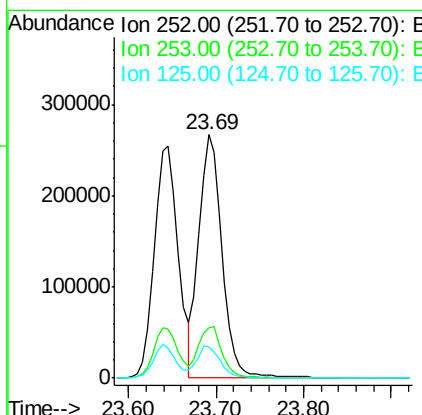
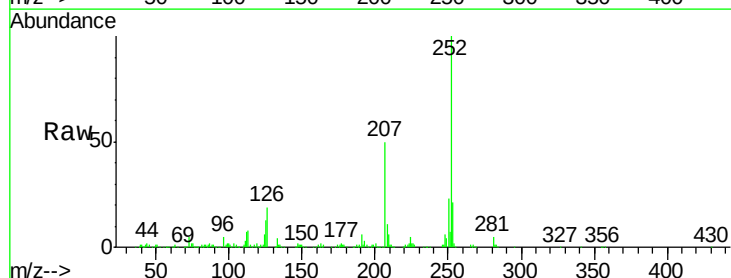
Instrument :
BNA_N
ClientSampleId :

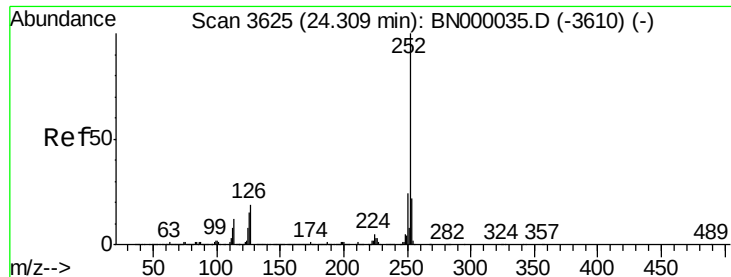
Tot Ion:252 Resp: 482297
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 12.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 2.99 ng
RT: 23.69 min Scan# 3520
Delta R.T. -0.02 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion:252 Resp: 491661
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 12.9 6.6 9.8#

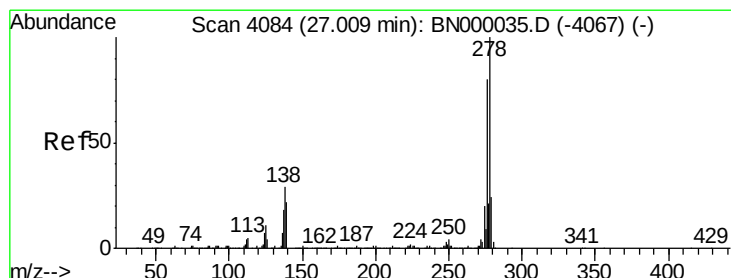
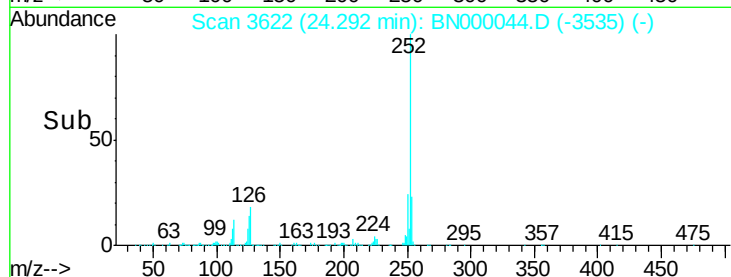
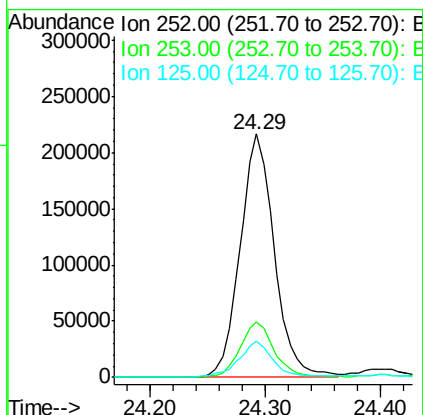
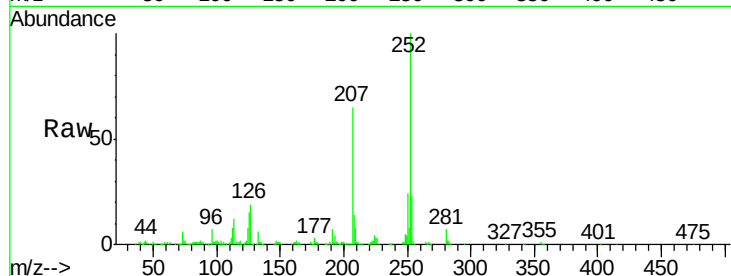




#89
Benzo(a)pyrene
Concen: 2.85 ng
RT: 24.29 min Scan# 3622
Delta R.T. -0.02 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

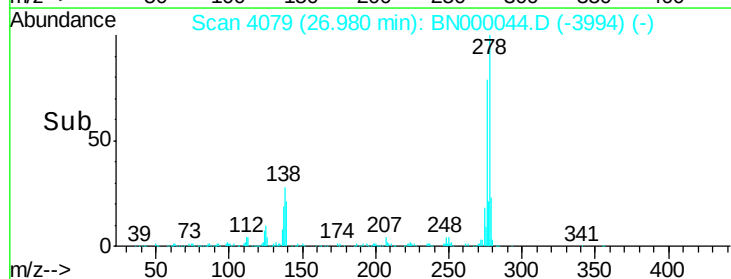
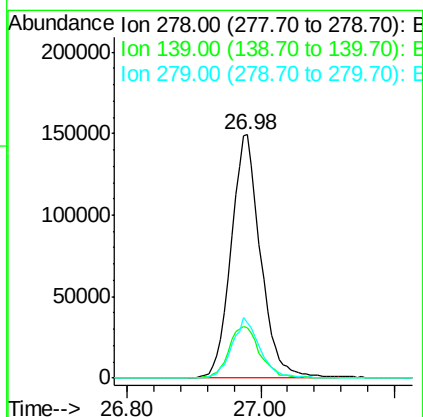
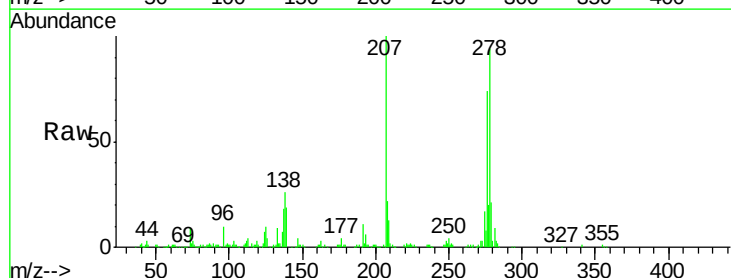
Instrument :
BNA_N
ClientSampled :

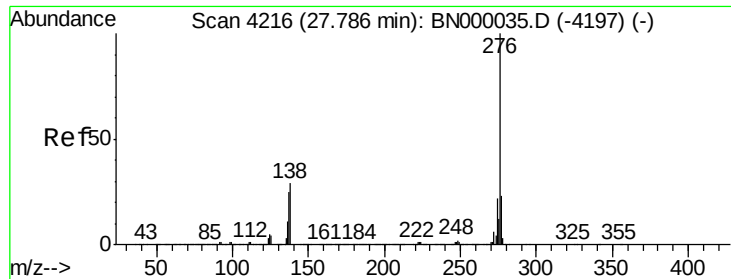
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	14.7	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 2.80 ng
RT: 26.98 min Scan# 4079
Delta R.T. -0.03 min
Lab File: BN000044.D
Acq: 07 Feb 2018 20:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	9.8	14.6
279	22.8	18.4	27.6

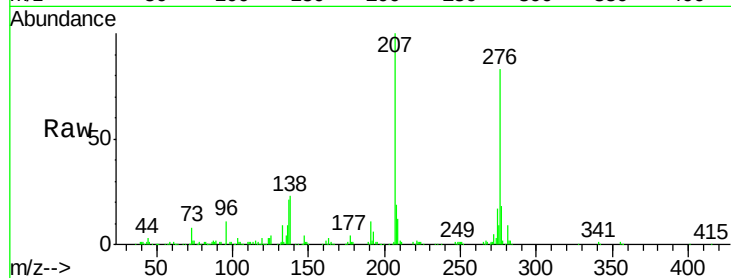




#91
 Benzo(a,h,i)perylene
 Concen: 2.81 ng
 RT: 27.74 min Scan# 4209
 Delta R.T. -0.04 min
 Lab File: BN000044.D
 Acq: 07 Feb 2018 20:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.3	27.5
138	27.4	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

