

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099238.D
 Acq On : 8 Oct 2017 18:01
 Operator : SJ/JU
 Sample : I5706-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:12:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136539	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	576241	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	260978	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	468343	20.00	ng	0.00
75) Chrysene-d12	14.03	240	316914	20.00	ng	0.00
86) Perylene-d12	15.50	264	242761	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1029996	120.09	ng	0.04
7) Phenol-d6	6.51	99	1210680	114.42	ng	0.01
23) Nitrobenzene-d5	7.43	82	824056	91.71	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	281463	131.80	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1442523	92.27	ng	0.00
78) Terphenyl-d14	12.97	244	1282070	92.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	147149	35.91	ng	# 81
3) Pyridine	3.58	79	301533	27.21	ng	97
4) n-Nitrosodimethylamine	3.53	42	171280	36.44	ng	80
6) Aniline	6.54	93	267658	18.74	ng	98
8) 2-Chlorophenol	6.66	128	392427	40.40	ng	98
9) Benzaldehyde	6.42	77	130202	21.21	ng	94
10) Phenol	6.52	94	438284	37.04	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	379843	41.29	ng	96
12) 1,3-Dichlorobenzene	6.81	146	413738	40.67	ng	97
13) 1,4-Dichlorobenzene	6.89	146	414206	40.02	ng	98
14) 1,2-Dichlorobenzene	7.04	146	387961	40.57	ng	98
15) Benzyl Alcohol	7.01	79	319614	41.18	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	543346	37.91	ng	93
17) 2-Methylphenol	7.12	107	332845	41.88	ng	99
18) Hexachloroethane	7.37	117	146174	39.29	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	258194	38.22	ng	92
20) 3+4-Methylphenols	7.27	107	384245	38.22	ng	# 79
22) Acetophenone	7.28	105	525939	37.67	ng	# 98
24) Nitrobenzene	7.46	77	408713	40.10	ng	92
25) Isophorone	7.69	82	768416	41.36	ng	97
26) 2-Nitrophenol	7.77	139	230149	46.95	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	373559	40.36	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	487436	42.10	ng	100
29) 2,4-Dichlorophenol	8.01	162	343911	43.27	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	343656	43.23	ng	98
31) Naphthalene	8.17	128	1158709	42.81	ng	99
32) Benzoic acid	7.92	122	82139	10.80	ng	95
33) 4-Chloroaniline	8.22	127	98814	8.74	ng	96
34) Hexachlorobutadiene	8.28	225	166003	40.55	ng	99
35) Caprolactam	8.60	113	60674	23.80	ng	86
36) 4-Chloro-3-methylphenol	8.70	107	367968	41.19	ng	94
37) 2-Methylnaphthalene	8.86	142	796422	45.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312796	40.19	ng	99
40) Hexachlorocyclopentadiene	9.01	237	186855	52.53	ng	96

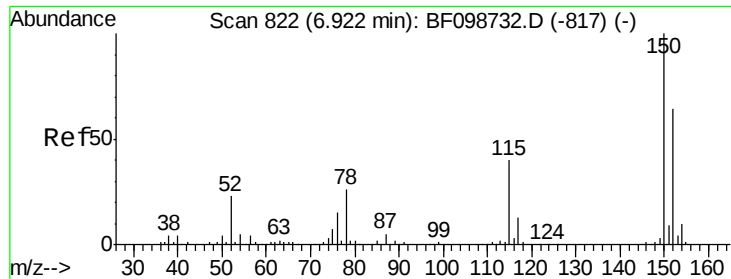
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	227898	41.33	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	238425	43.32	nq	97
45) 1,1'-Biphenyl	9.33	154	915926	40.84	nq	99
46) 2-Chloronaphthalene	9.35	162	728595	43.26	nq	98
47) 2-Nitroaniline	9.45	65	219879	42.64	nq	94
48) Acenaphthylene	9.77	152	1106161	42.91	nq	100
49) Dimethylphthalate	9.63	163	886603	45.01	nq	99
50) 2,6-Dinitrotoluene	9.69	165	195446	45.58	nq	92
51) Acenaphthene	9.94	154	647799	39.67	nq	99
52) 3-Nitroaniline	9.86	138	137243	27.45	nq	93
53) 2,4-Dinitrophenol	9.97	184	41260	22.96	nq	# 85
54) Dibenzofuran	10.11	168	962435	44.26	nq	99
55) 4-Nitrophenol	10.03	139	273716	64.74	nq	85
56) 2,4-Dinitrotoluene	10.10	165	250612	45.03	nq	94
57) Fluorene	10.46	166	757552	43.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	175393	46.13	nq	96
59) Diethylphthalate	10.33	149	816429	42.42	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	337261	42.96	nq	94
61) 4-Nitroaniline	10.48	138	219179	45.44	nq	90
62) Azobenzene	10.60	77	759547	42.92	nq	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	55267	19.40	nq	84
65) n-Nitrosodiphenylamine	10.57	169	695547	42.87	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	200981	43.84	nq	95
67) Hexachlorobenzene	11.00	284	204205	41.71	nq	94
68) Atrazine	11.09	200	217749	44.61	nq	99
69) Pentachlorophenol	11.20	266	169474	55.62	nq	99
70) Phenanthrene	11.42	178	1074140	42.85	nq	99
71) Anthracene	11.47	178	1121737	43.73	nq	100
72) Carbazole	11.63	167	1055372	42.02	nq	98
73) Di-n-butylphthalate	11.94	149	1255831	41.54	nq	99
74) Fluoranthene	12.60	202	1111891	43.80	nq	99
76) Benzidine	12.72	184	134746	11.50	nq	98
77) Pyrene	12.84	202	1136651	47.04	nq	99
79) Butylbenzylphthalate	13.44	149	520598	45.84	nq	90
80) Benzo(a)anthracene	14.02	228	865969	45.13	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	178928	25.43	nq	98
82) Chrysene	14.06	228	814487	44.58	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	672836	43.02	nq	99
84) Di-n-octyl phthalate	14.61	149	997140	39.60	nq	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	646906	44.26	nq	96
87) Benzo(b)fluoranthene	15.07	252	722267	48.39	nq	# 98
88) Benzo(k)fluoranthene	15.10	252	620743	42.11	nq	98
89) Benzo(a)pyrene	15.44	252	624814	45.60	nq	# 96
90) Dibenzo(a,h)anthracene	17.02	278	530497	48.38	nq	99
91) Benzo(g,h,i)perylene	17.45	276	565627	52.19	nq	94

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

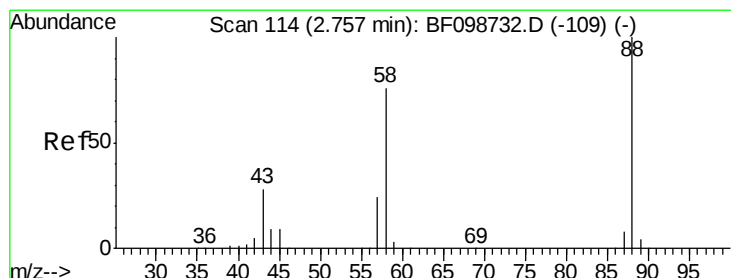
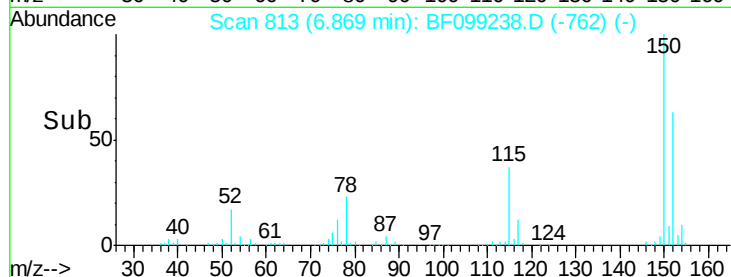
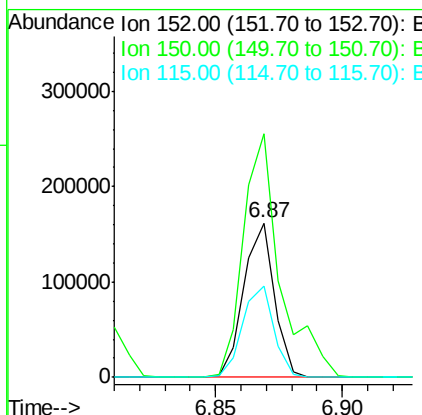
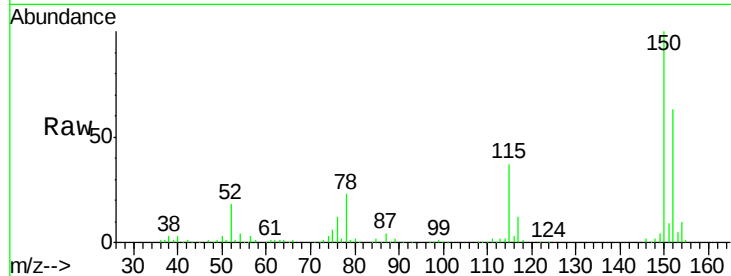


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :

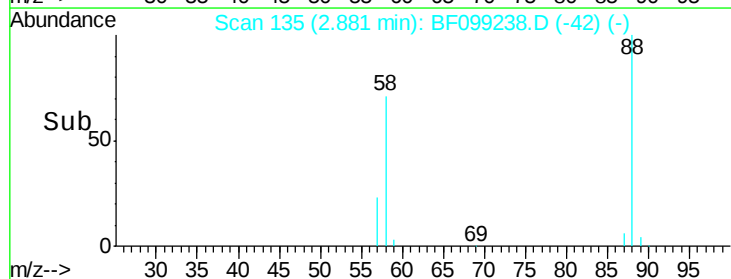
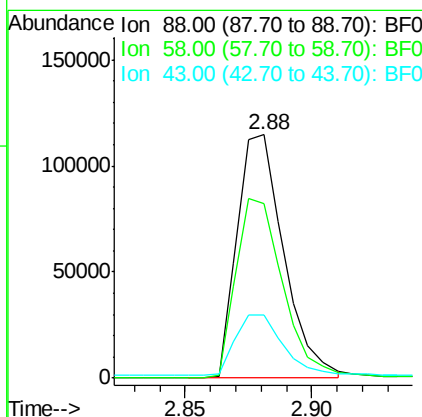
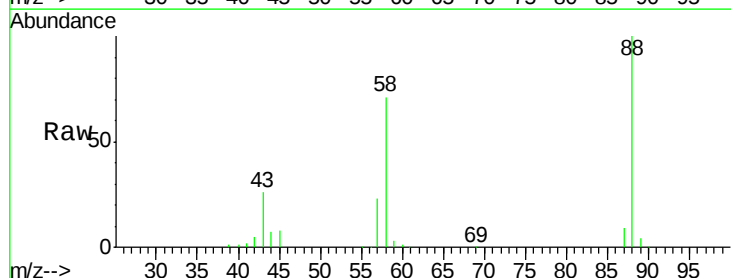
Tot Ion:152 Resp: 136539
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.1 50.1 75.1

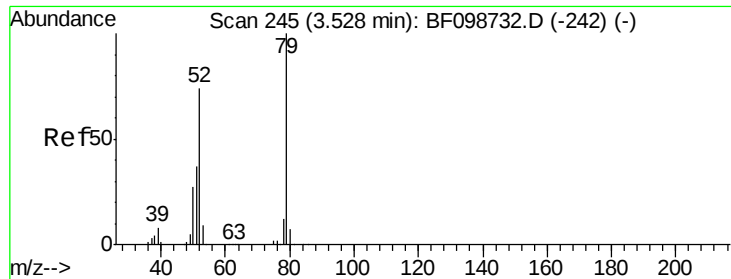


#2

1,4-Dioxane
Concen: 35.91 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.25 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion: 88 Resp: 147149
Ion Ratio Lower Upper
88 100
58 73.9 62.6 93.8
43 0.0 24.6 37.0#





#3

Pvridine

Concen: 27.21 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.18 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

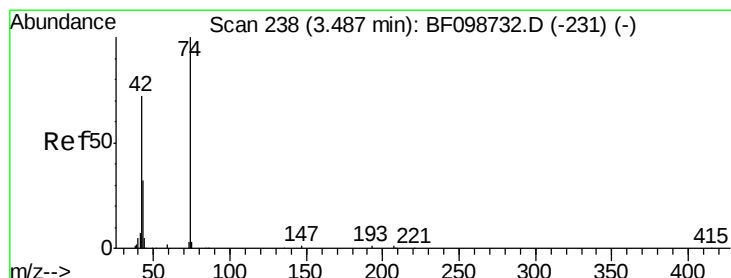
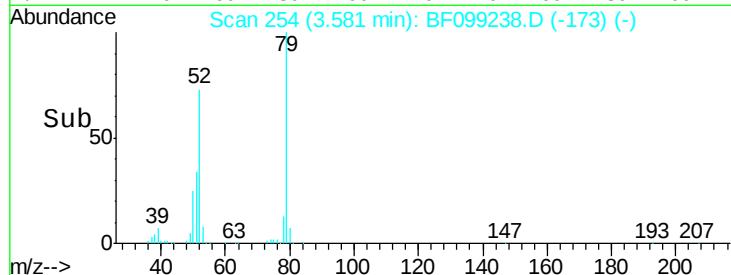
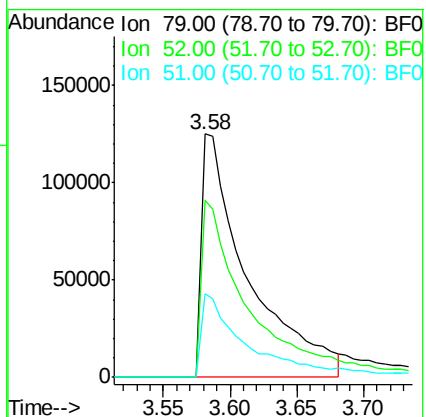
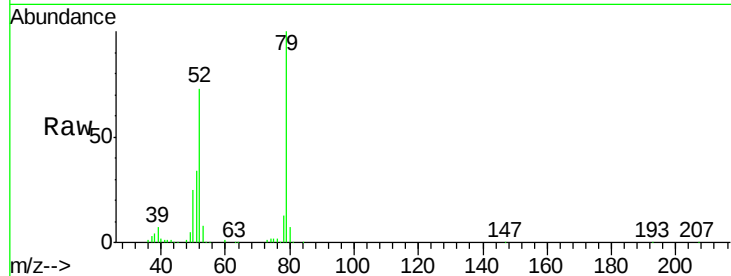
Tot Ion: 79 Resp: 301533

Ion Ratio Lower Upper

79 100

52 73.0 59.8 89.6

51 34.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.44 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.16 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

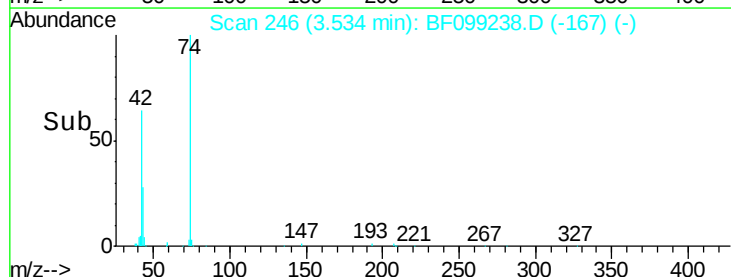
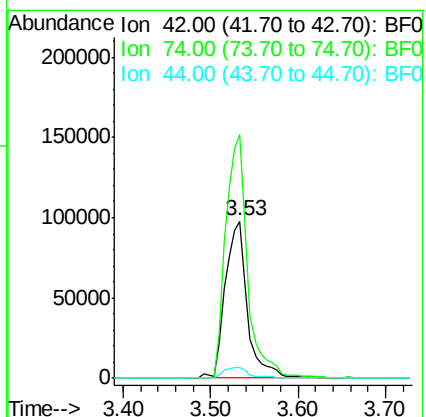
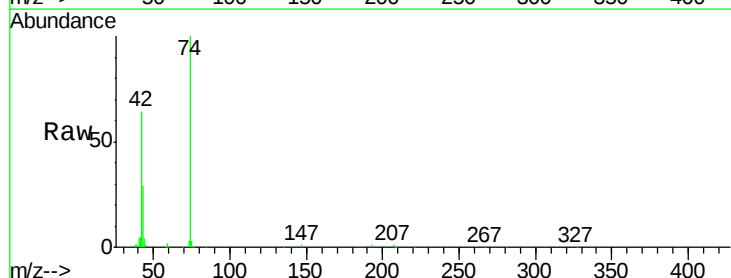
Tgt Ion: 42 Resp: 171280

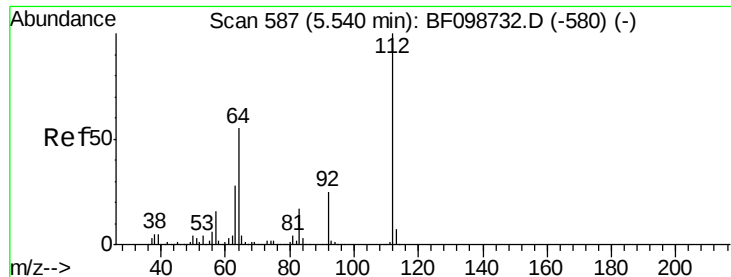
Ion Ratio Lower Upper

42 100

74 155.4 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 120.09 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.04 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

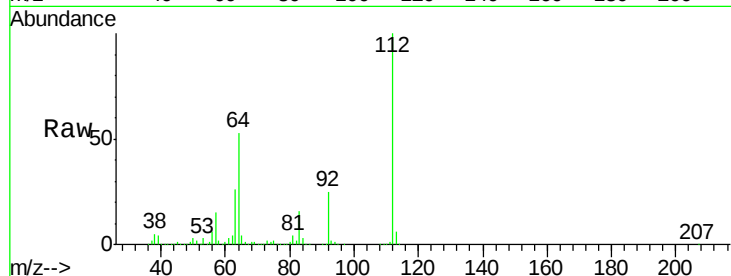
Tot Ion:112 Resp: 1029996

Ion Ratio Lower Upper

112 100

64 53.0 47.9 71.9

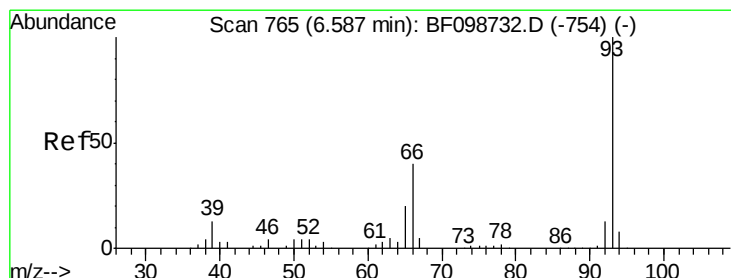
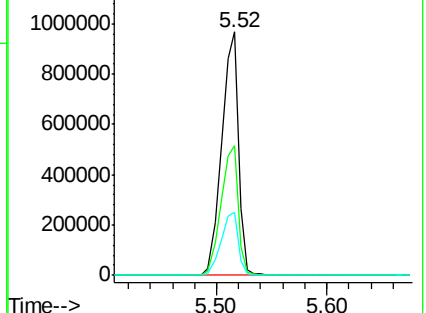
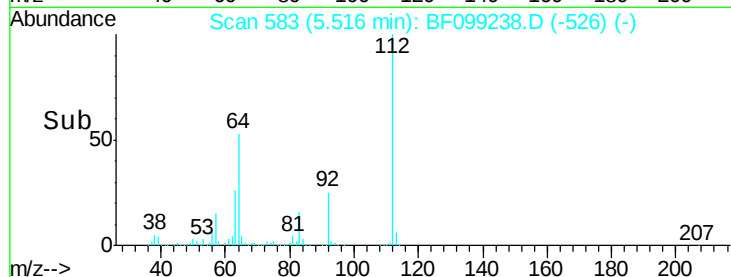
63 25.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.74 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

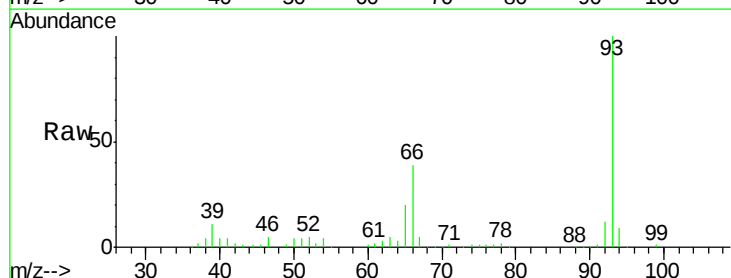
Tgt Ion: 93 Resp: 267658

Ion Ratio Lower Upper

93 100

66 39.1 32.2 48.2

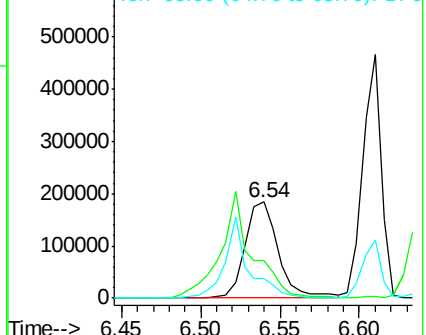
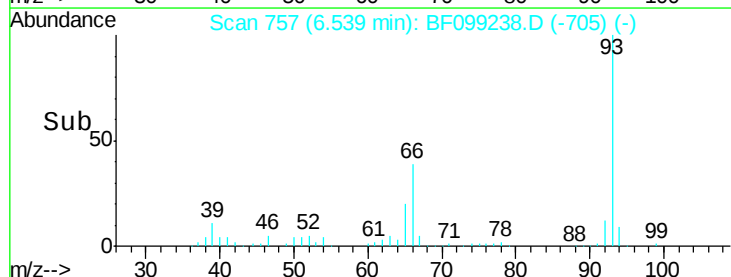
65 19.7 16.4 24.6

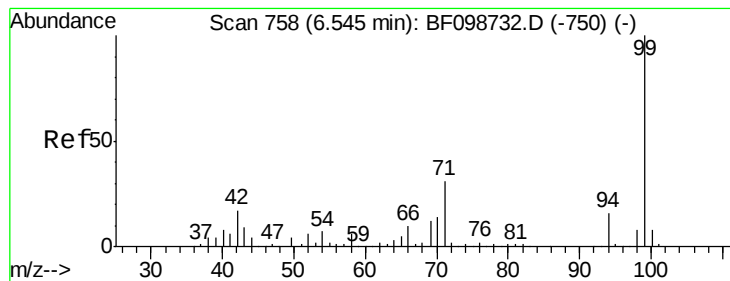


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.42 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

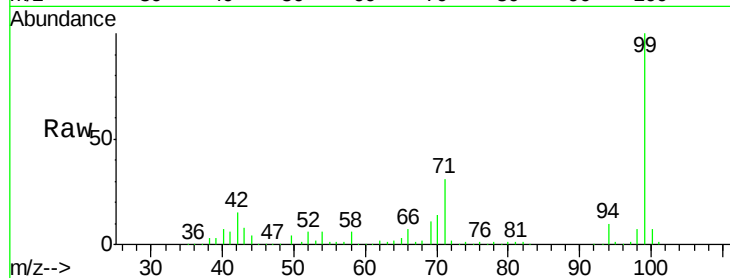
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1210680

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	31.0	25.4	38.0

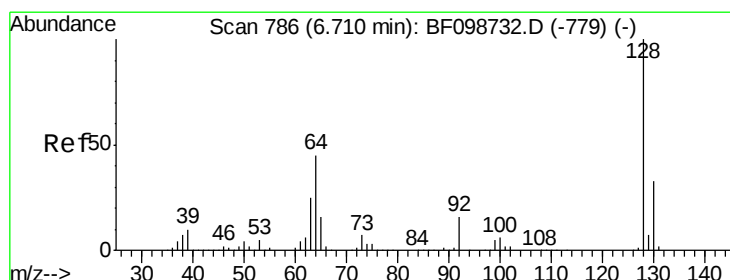
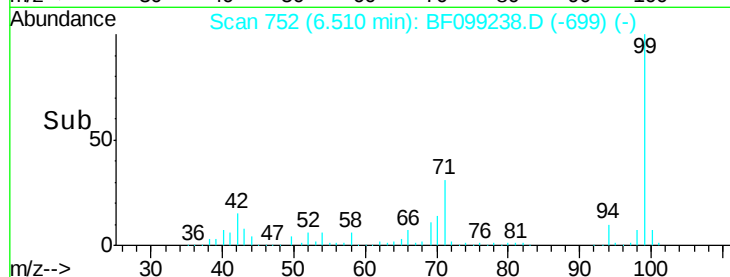
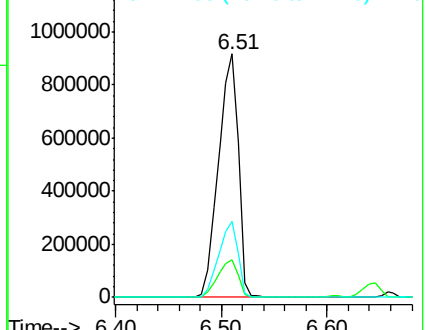


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.40 ng

RT: 6.66 min Scan# 777

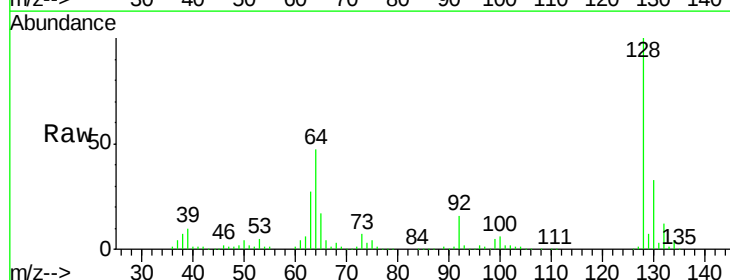
Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion: 128 Resp: 392427

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	47.2	29.4	69.4

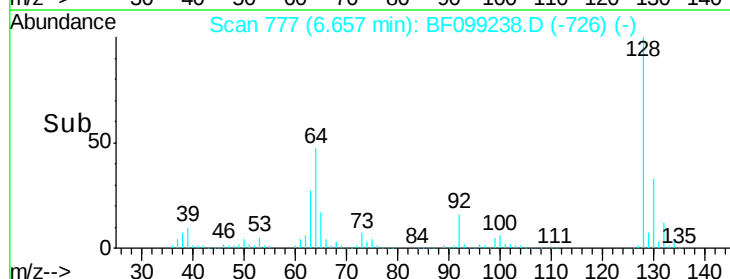
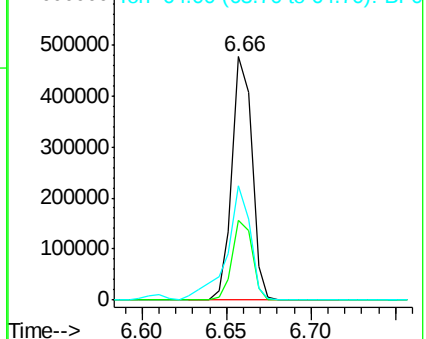


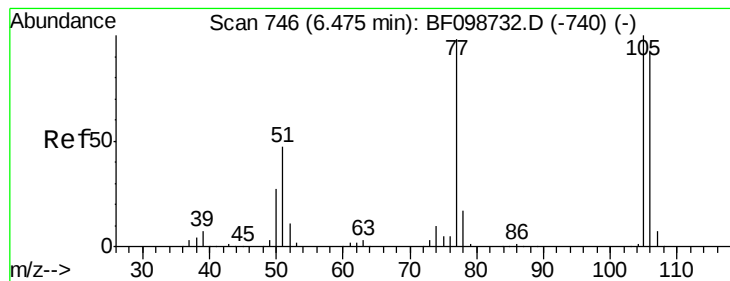
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.21 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

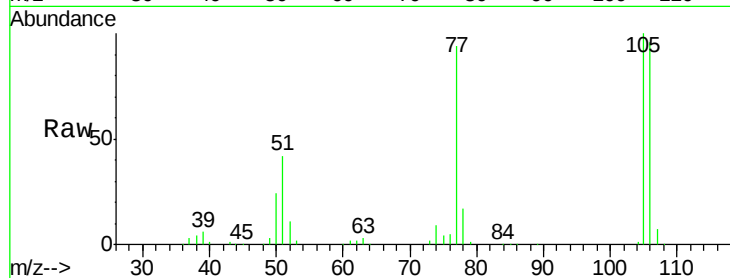
Tot Ion: 77 Resp: 130202

Ion Ratio Lower Upper

77 100

105 106.2 81.1 121.1

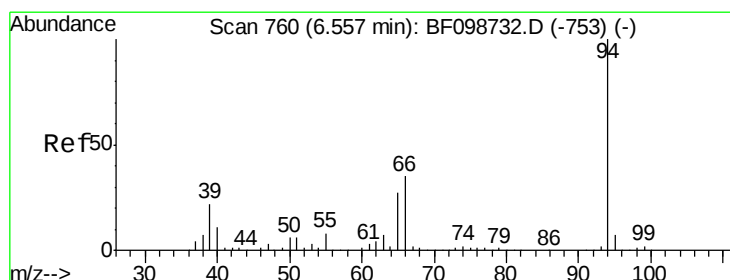
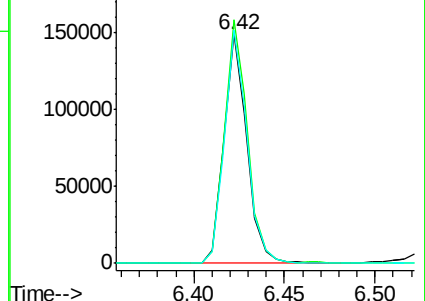
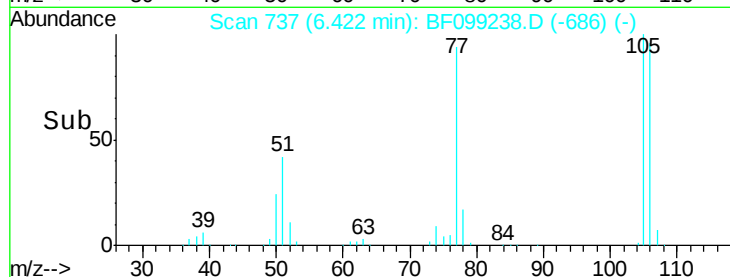
106 101.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.04 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

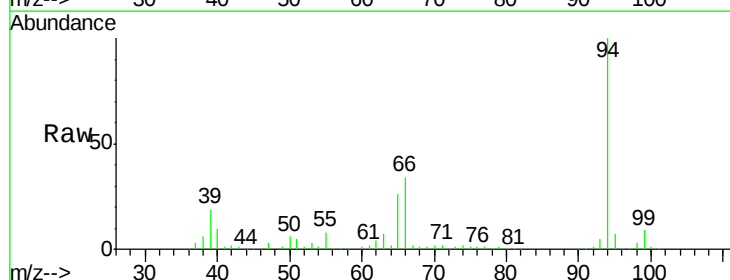
Tgt Ion: 94 Resp: 438284

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

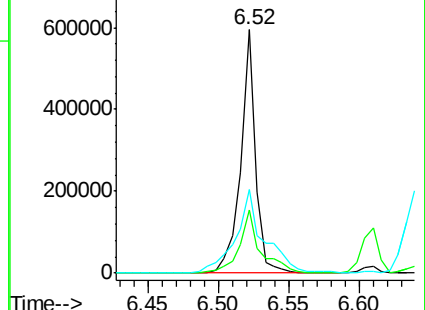
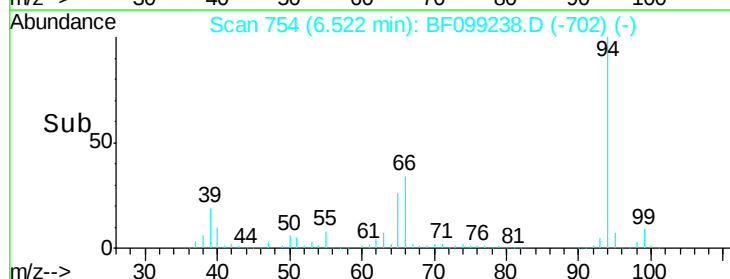
66 34.2 16.2 56.2

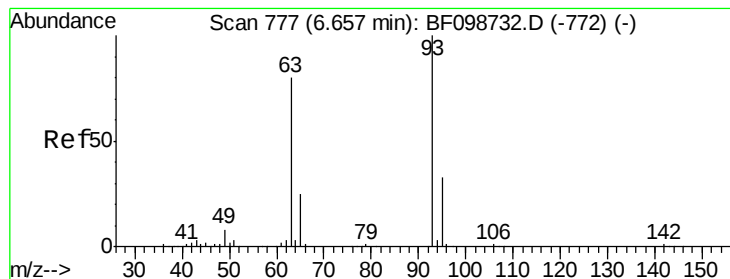


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.29 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

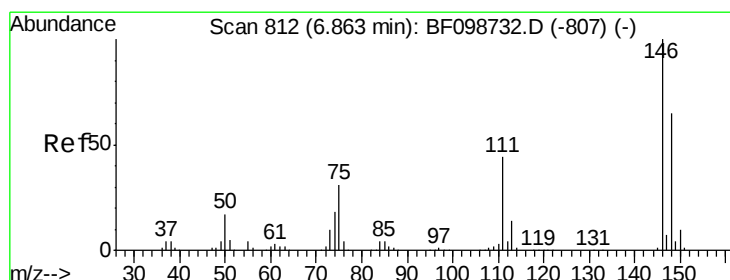
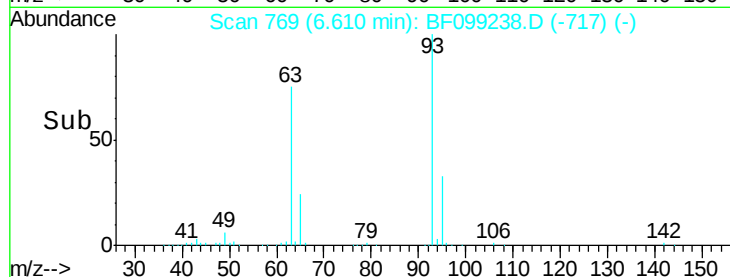
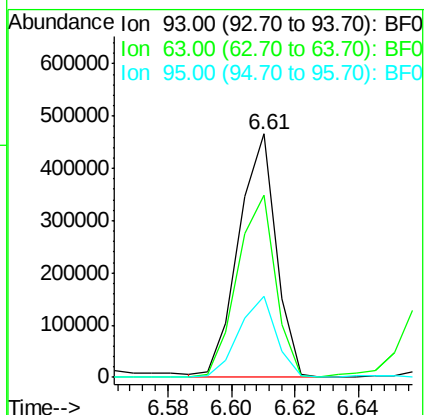
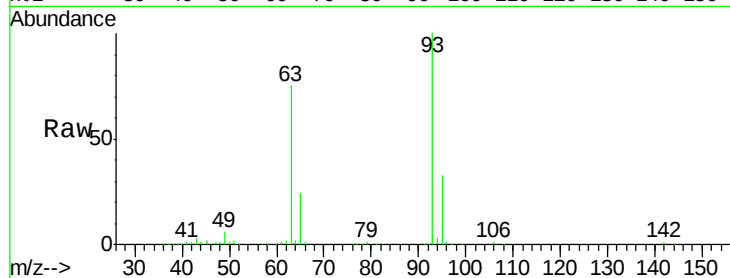
Tot Ion: 93 Resp: 379843

Ion Ratio Lower Upper

93 100

63 74.6 58.6 98.6

95 33.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.67 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

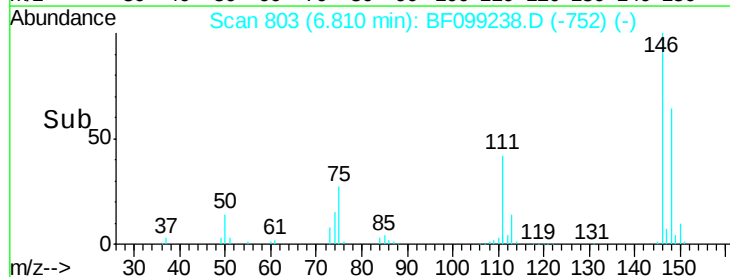
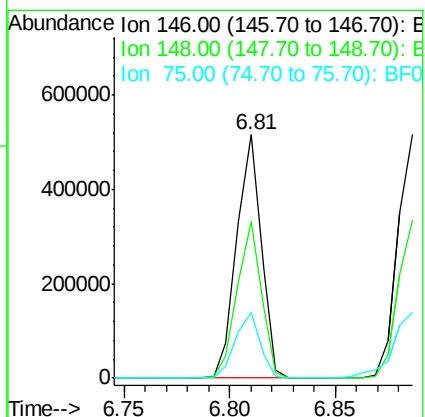
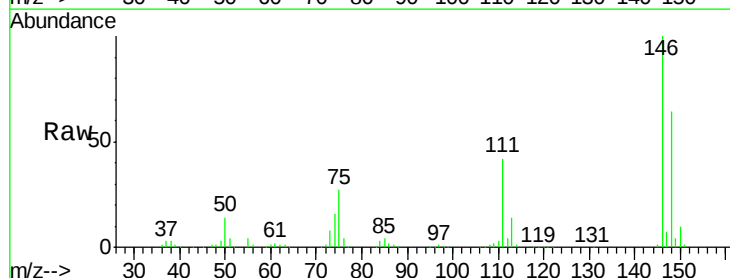
Tgt Ion: 146 Resp: 413738

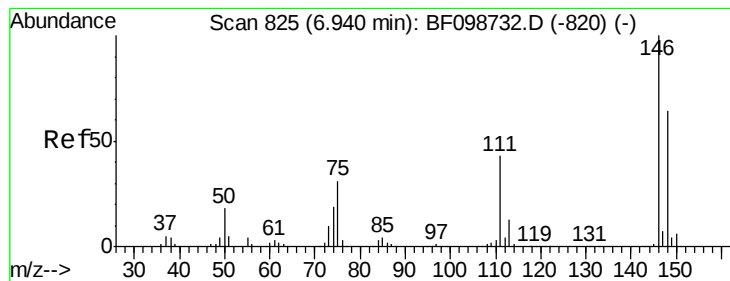
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 26.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.02 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

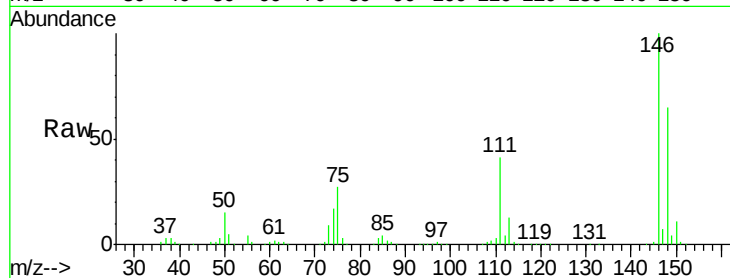
Tot Ion:146 Resp: 414206

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

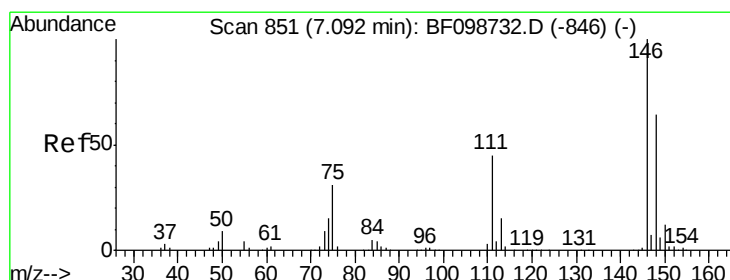
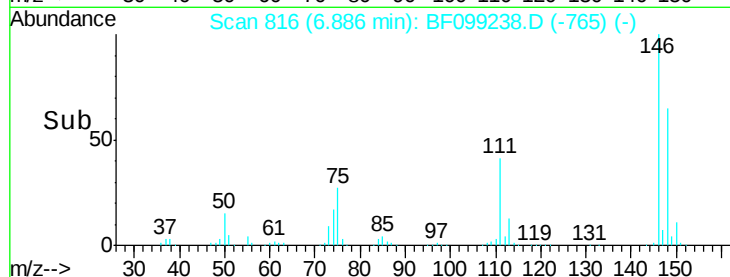
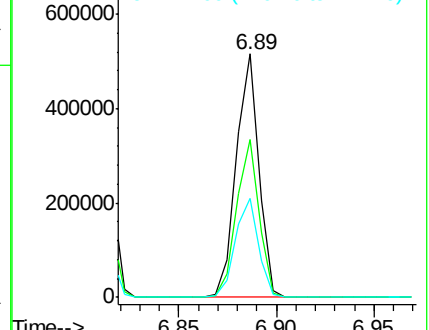
111 40.6 34.2 51.2



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: 40.57 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

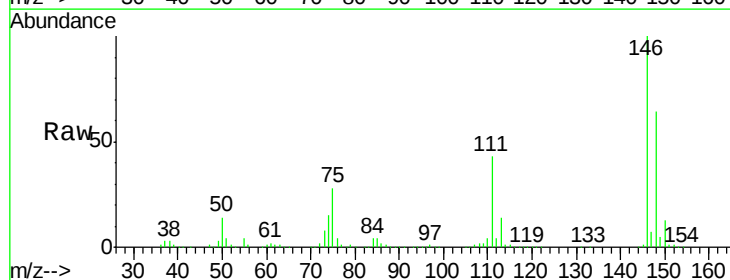
Tgt Ion:146 Resp: 387961

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

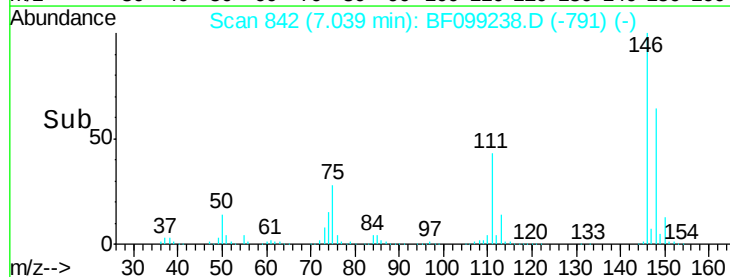
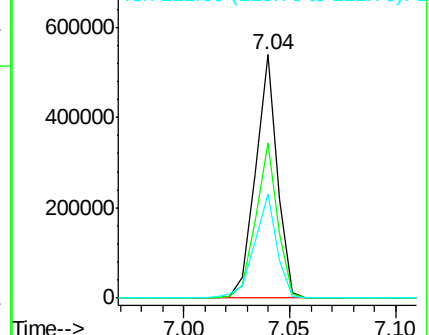
111 42.7 36.0 54.0

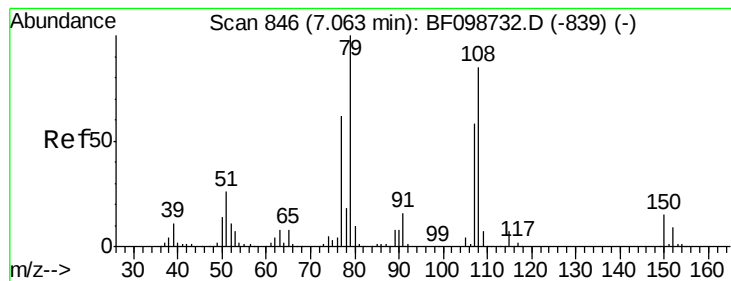


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.18 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampled :

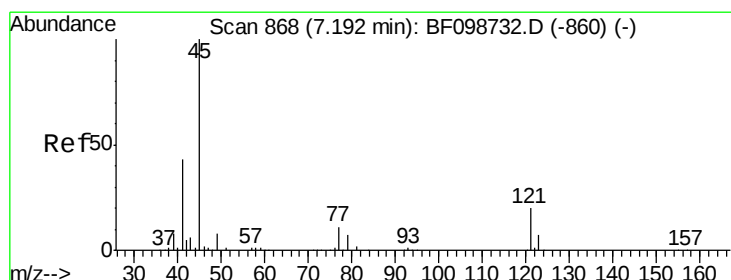
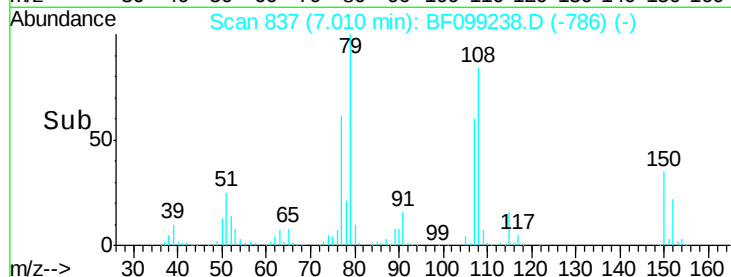
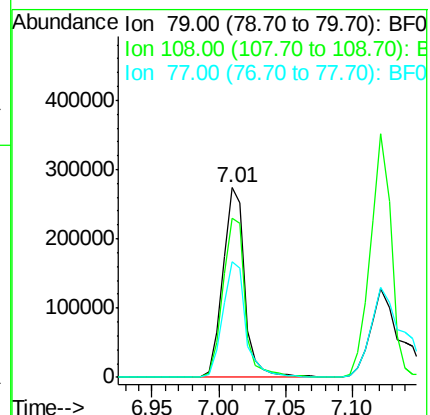
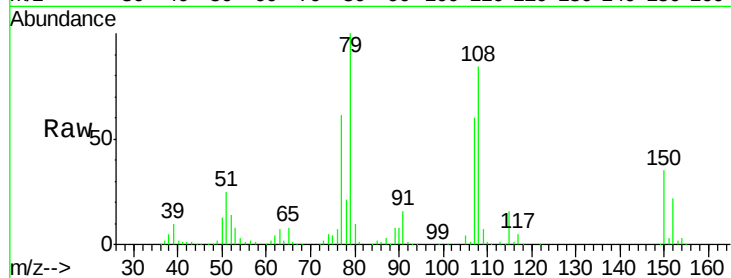
Tot Ion: 79 Resp: 319614

Ion Ratio Lower Upper

79 100

108 84.3 65.1 97.7

77 61.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.91 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

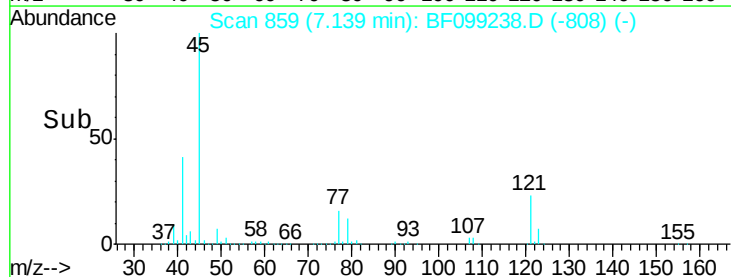
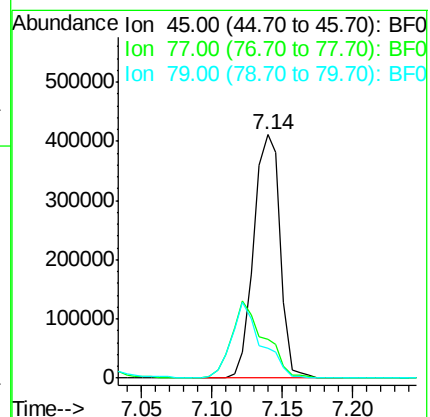
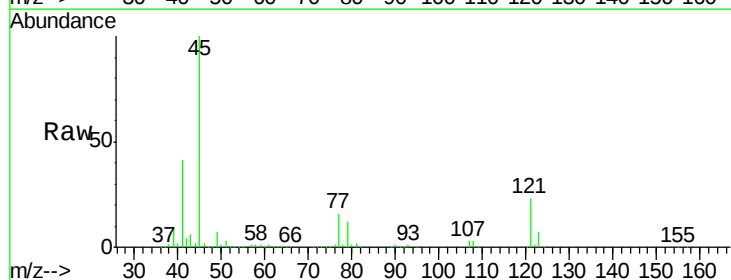
Tgt Ion: 45 Resp: 543346

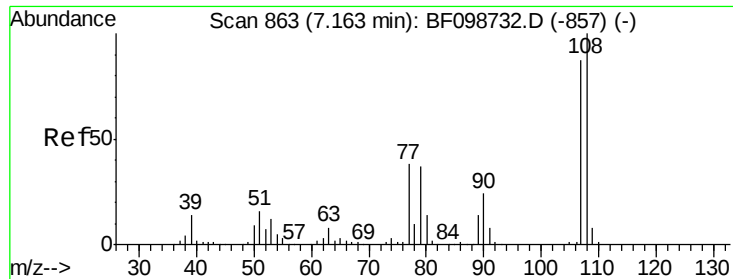
Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

79 12.1 0.0 29.6

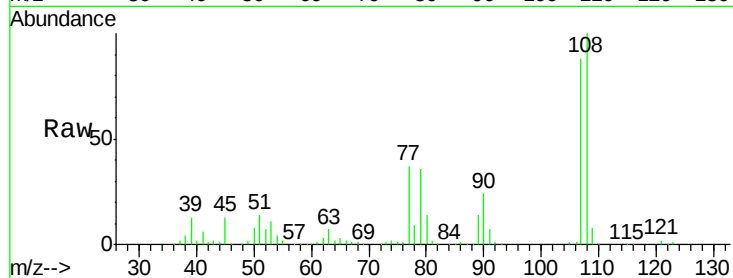




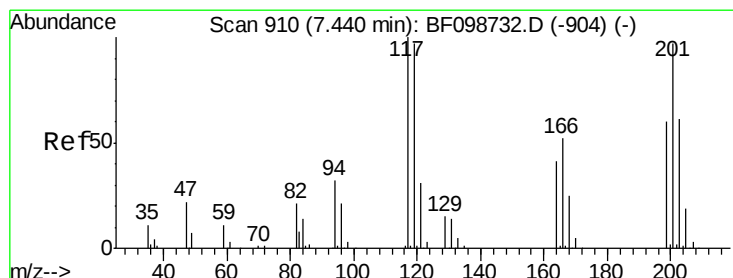
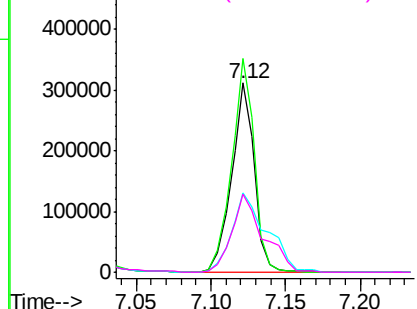
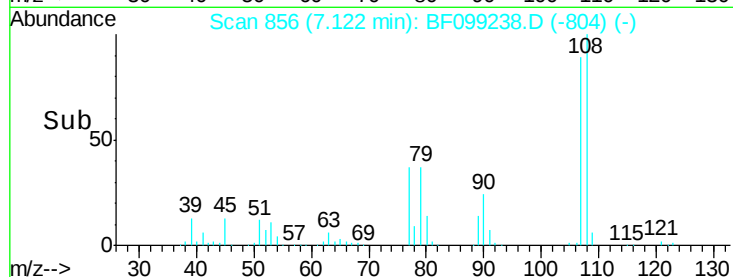
#17
2-Methylphenol
Concen: 41.88 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 332845
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 41.9 33.8 50.8
79 41.2 33.8 50.8

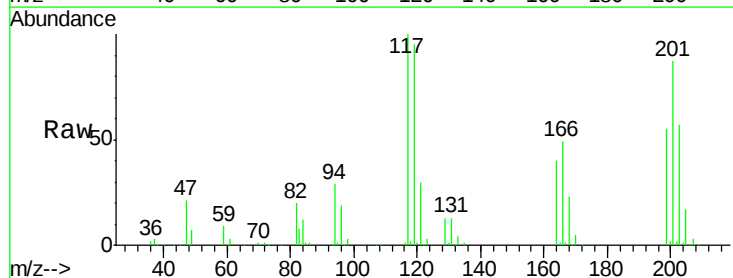


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

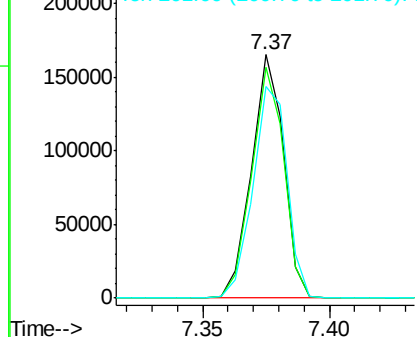
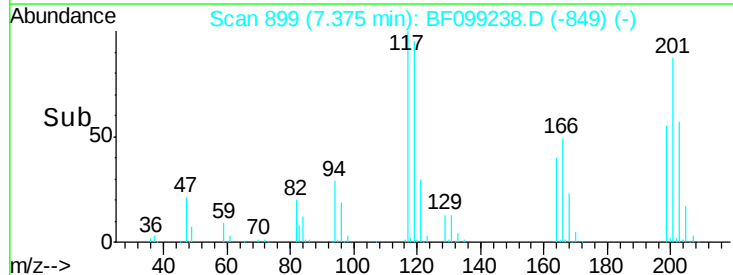


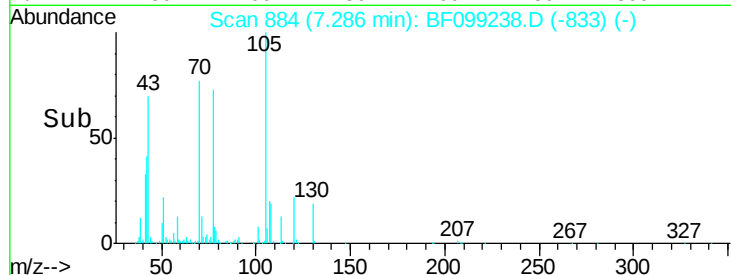
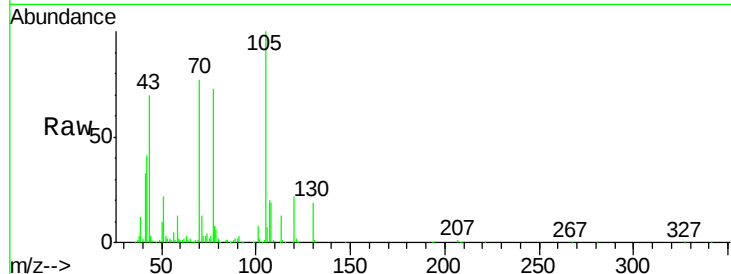
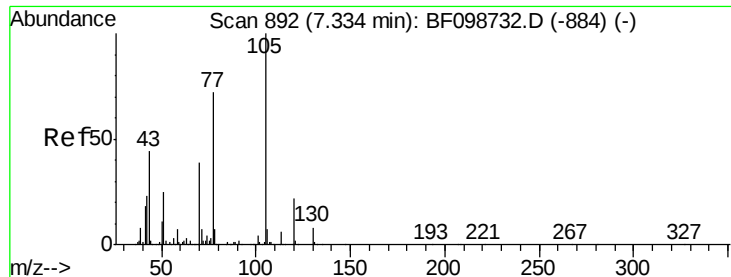
#18
Hexachloroethane
Concen: 39.29 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:117 Resp: 146174
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 87.0 75.7 113.5



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

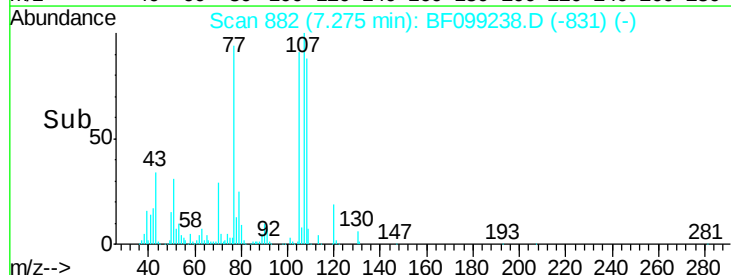
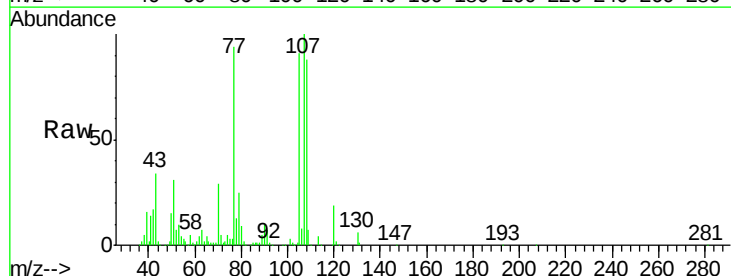
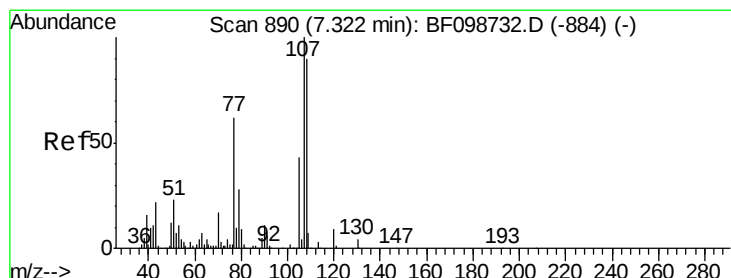
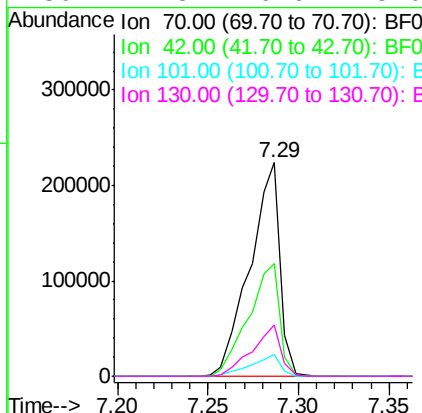




#19
n-Nitroso-di-n-propylamine
Concen: 38.22 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

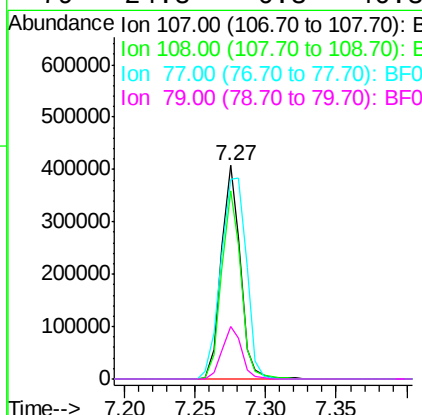
Instrument :
BNA_F
ClientSampleId :

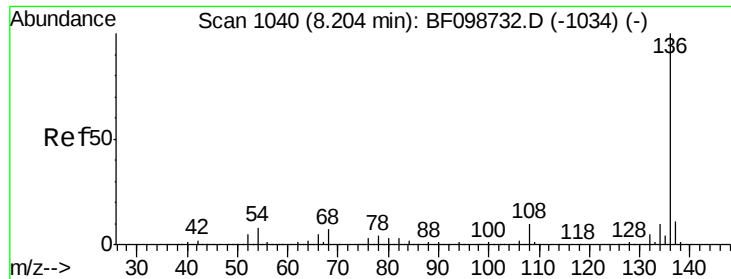
Tot Ion: 70 Resp: 258194
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 10.2 7.4 11.2
130 24.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.22 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:107 Resp: 384245
Ion Ratio Lower Upper
107 100
108 88.2 68.2 108.2
77 93.6 26.7 66.7#
79 24.8 6.3 46.3

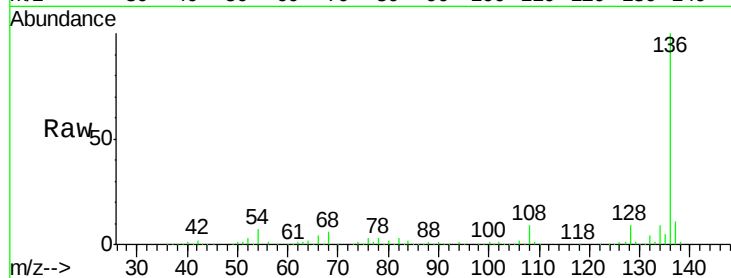




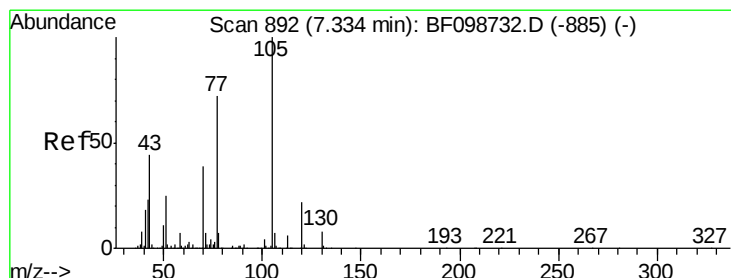
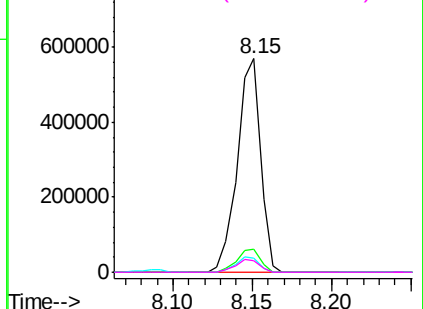
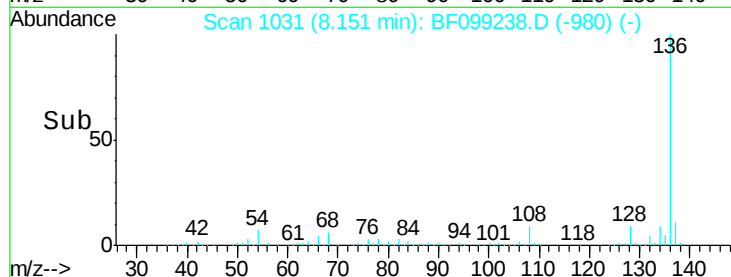
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 576241
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 6.8	6.6 9.8
68 5.5	5.0 7.4

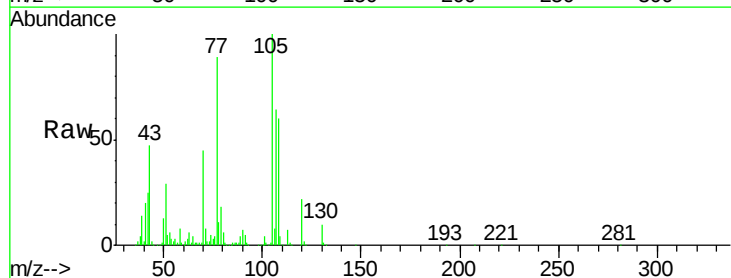


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

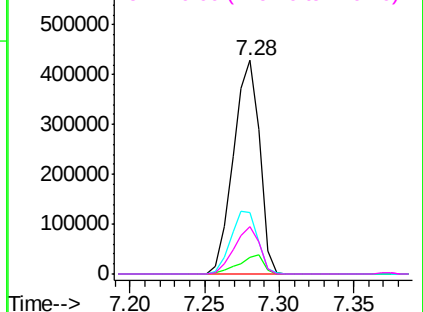
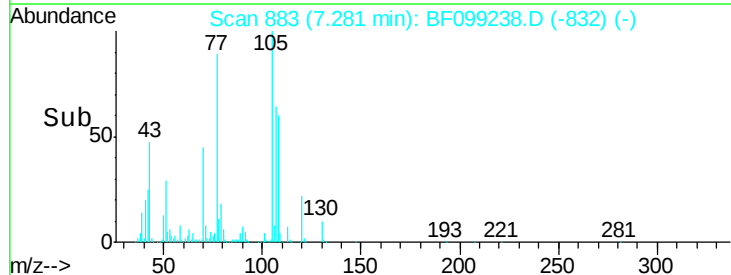


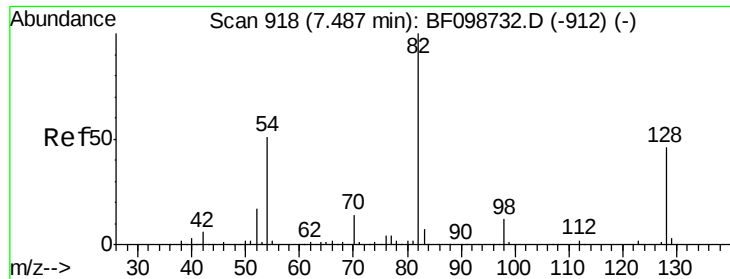
#22
Acetophenone
Concen: 37.67 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt	Ion:105	Resp:	525939
Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.4	6.6#
51	29.1	22.3	33.5
120	21.9	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

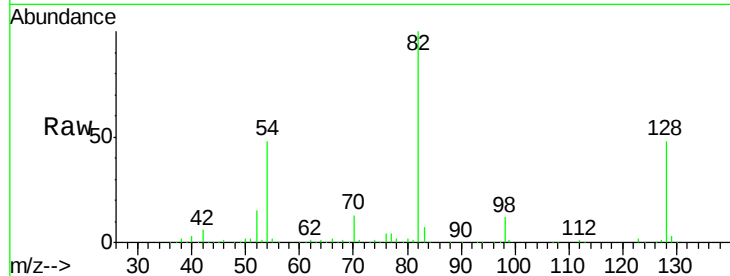




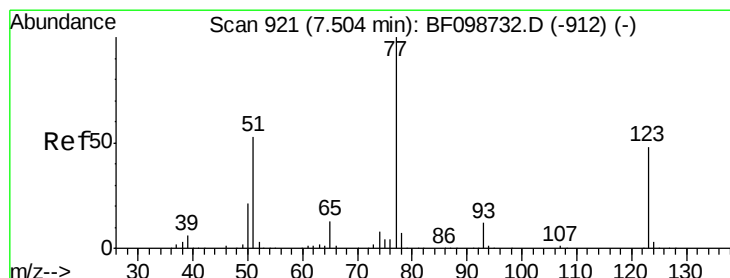
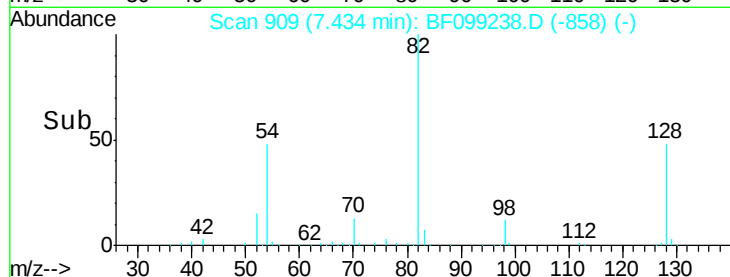
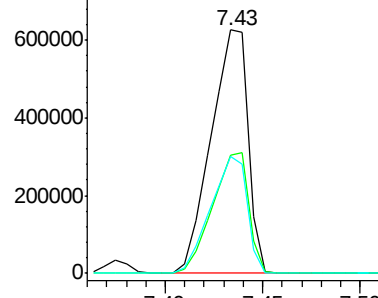
#23
Nitrobenzene-d5
Concen: 91.71 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 824056
Ion Ratio Lower Upper
82 100
128 48.3 36.1 54.1
54 48.0 41.4 62.2

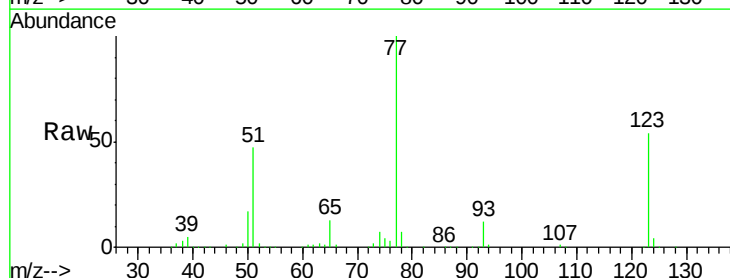


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

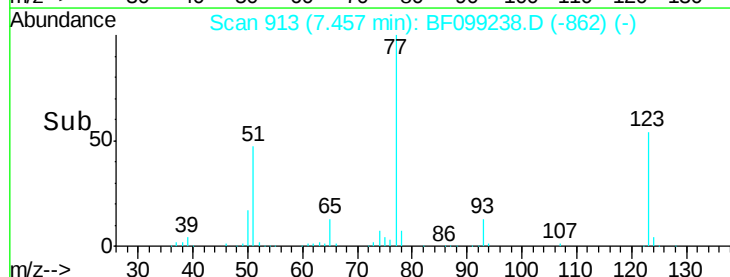
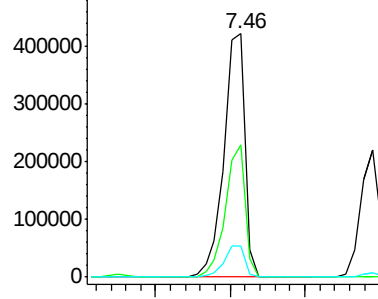


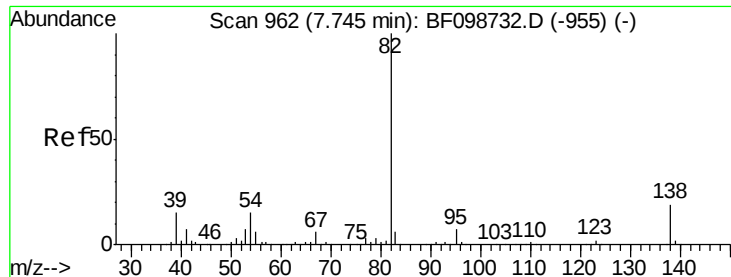
#24
Nitrobenzene
Concen: 40.10 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion: 77 Resp: 408713
Ion Ratio Lower Upper
77 100
123 54.1 37.9 56.9
65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.36 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

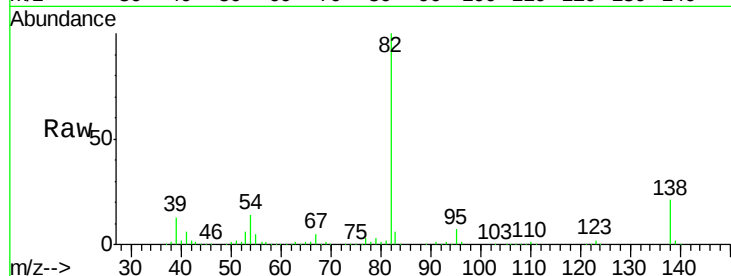
Tot Ion: 82 Resp: 768416

Ion Ratio Lower Upper

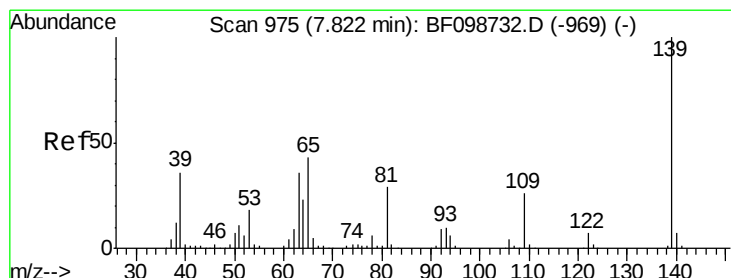
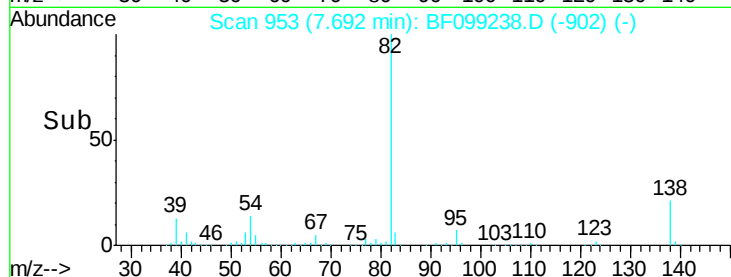
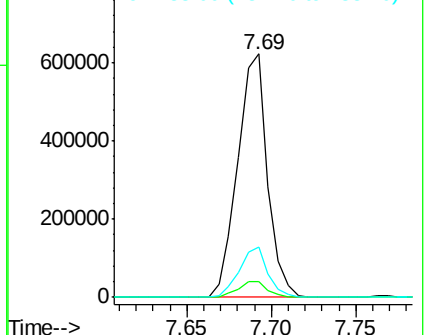
82 100

95 6.6 5.2 7.8

138 20.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.95 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

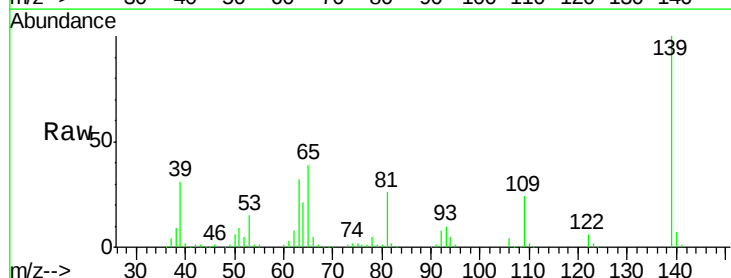
Tgt Ion: 139 Resp: 230149

Ion Ratio Lower Upper

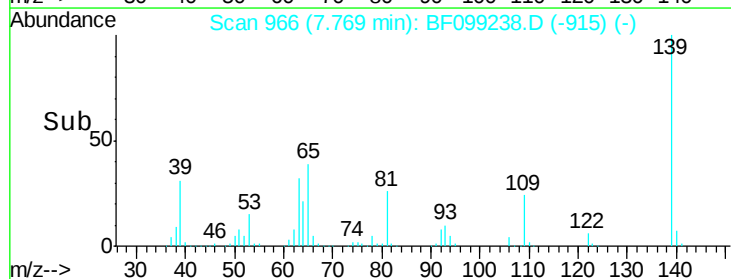
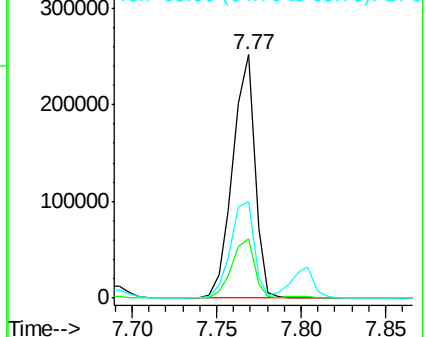
139 100

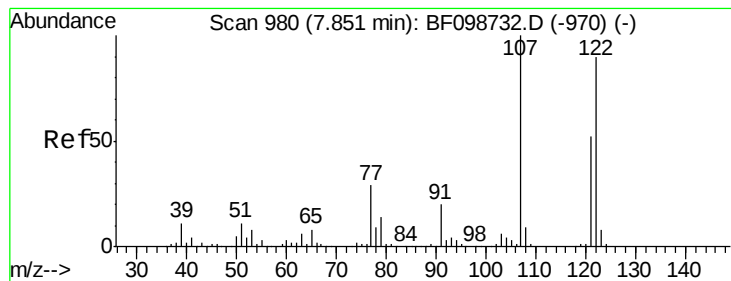
109 24.5 22.7 34.1

65 39.4 40.5 60.7#



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): BF0





#27

2,4-Dimethylphenol

Concen: 40.36 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

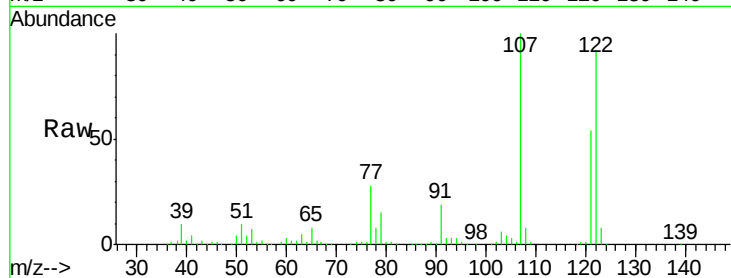
Tot Ion:122 Resp: 373559

Ion Ratio Lower Upper

122 100

107 108.8 91.2 136.8

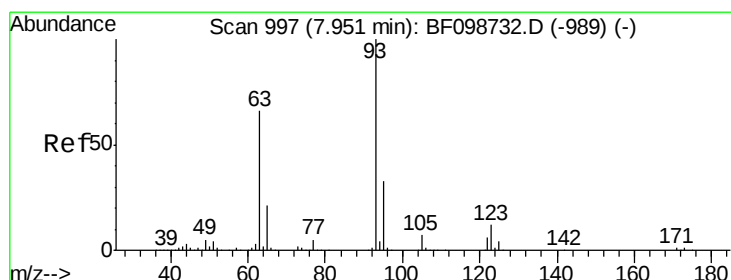
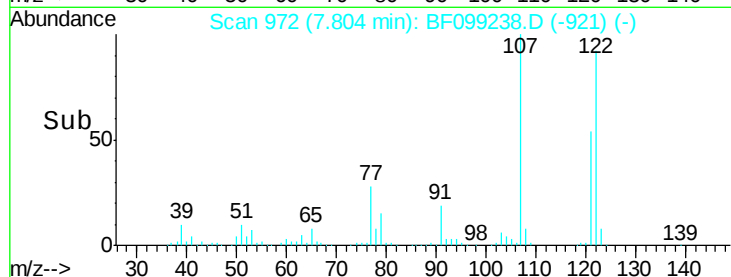
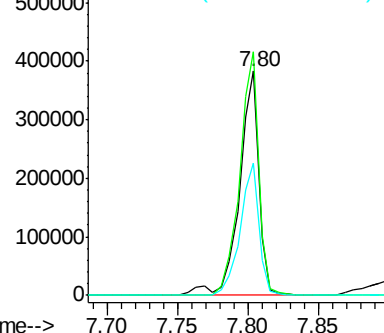
121 59.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.10 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

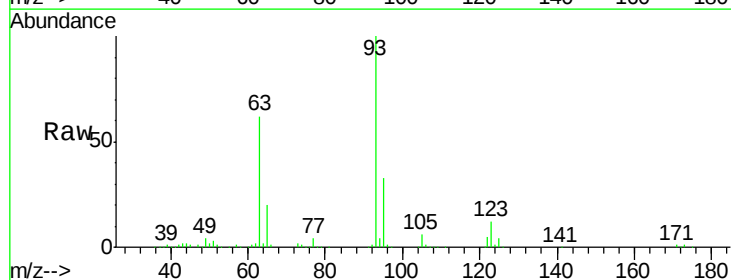
Tgt Ion: 93 Resp: 487436

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

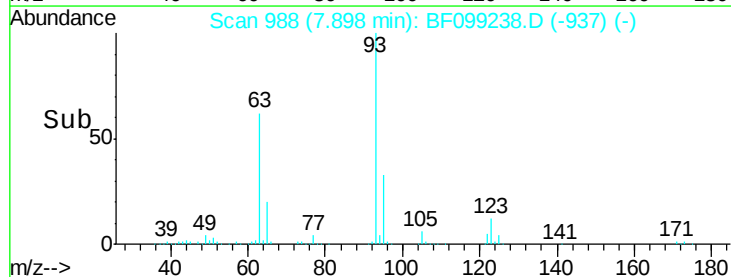
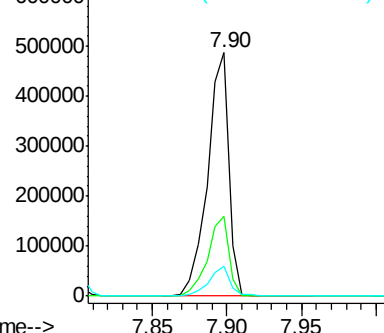
123 12.2 9.8 14.6

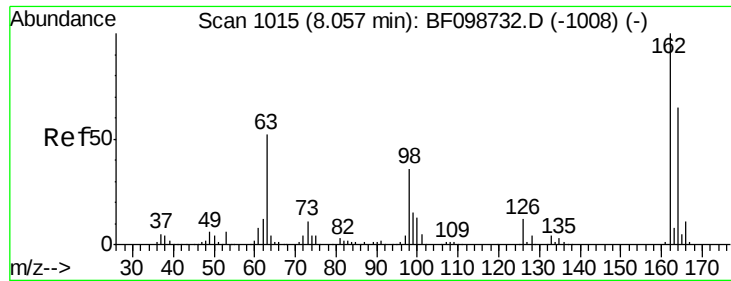


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

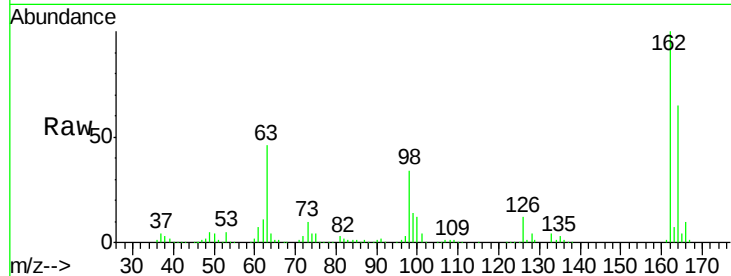




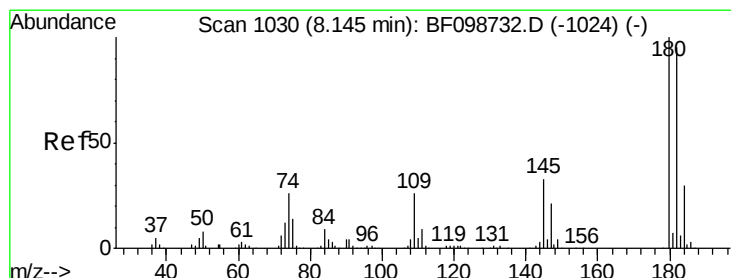
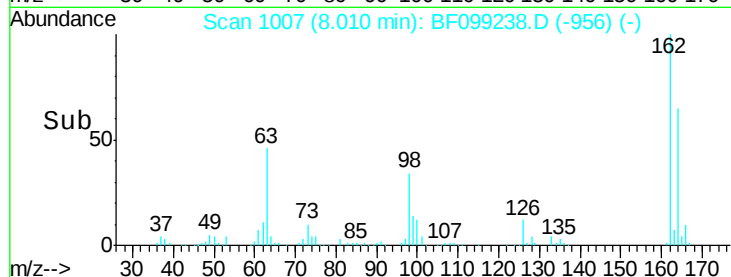
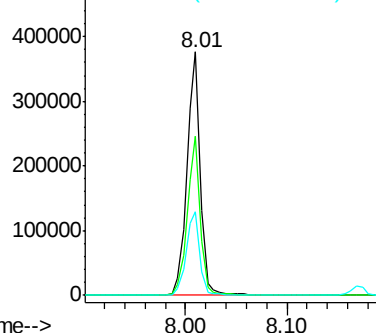
#29
 2,4-Dichlorophenol
 Concen: 43.27 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 343911
 Ion Ratio Lower Upper
 162 100
 164 65.3 42.7 82.7
 98 34.1 18.1 58.1

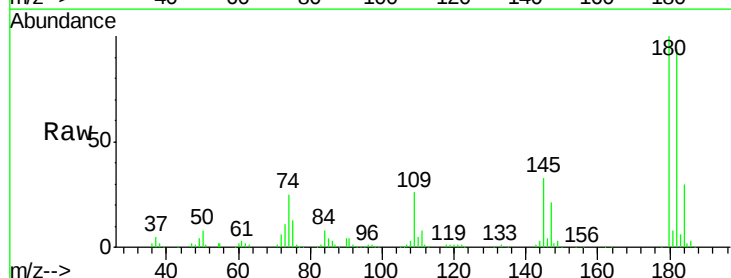


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

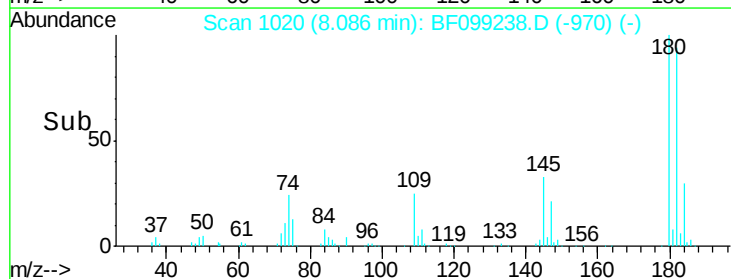
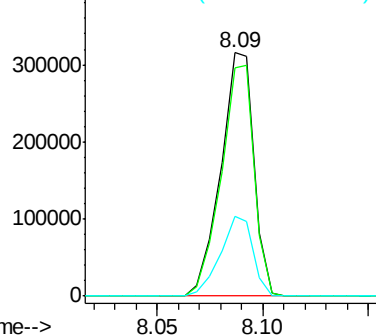


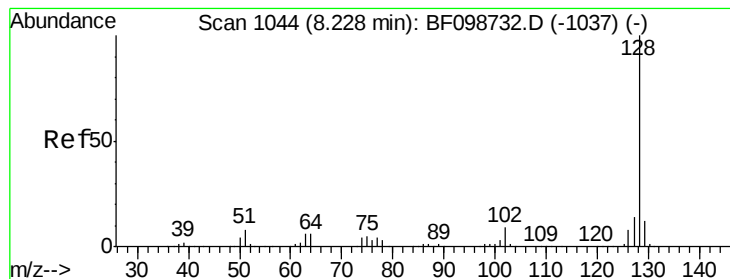
#30
 1,2,4-Trichlorobenzene
 Concen: 43.23 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:180 Resp: 343656
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.8 115.2
 145 33.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.81 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

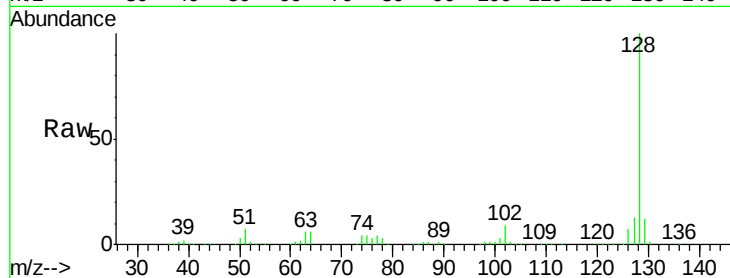
Tot Ion:128 Resp: 1158709

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

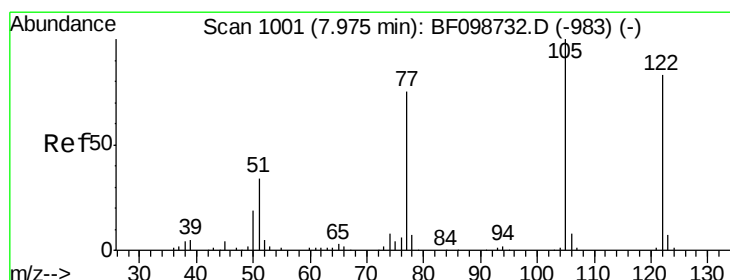
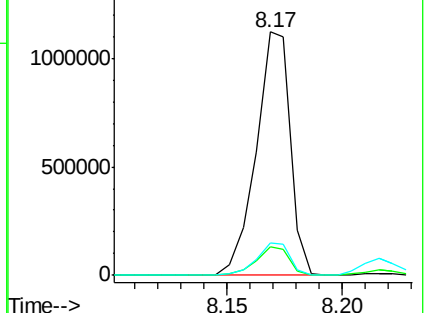
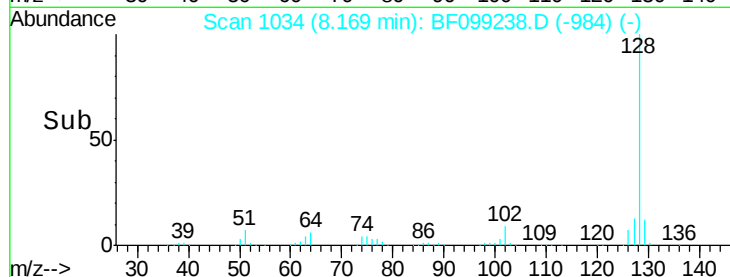
127 13.4 10.9 16.3



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: 10.80 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

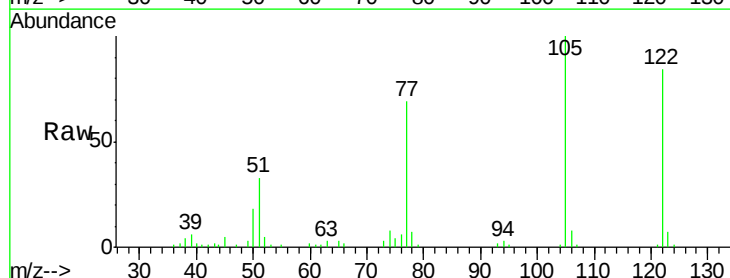
Tgt Ion:122 Resp: 82139

Ion Ratio Lower Upper

122 100

105 119.0 101.1 141.1

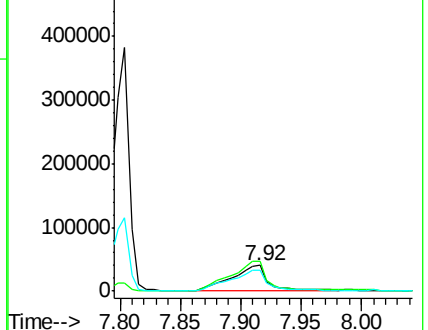
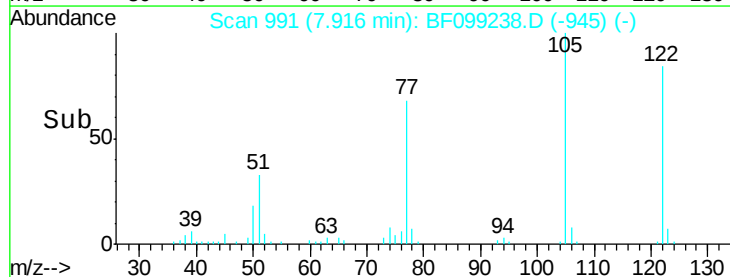
77 82.1 70.7 110.7

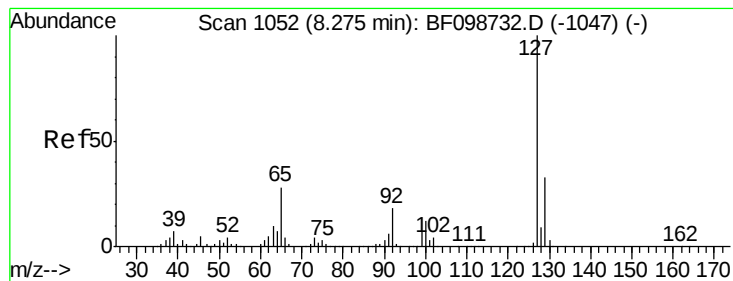


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.74 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 98814

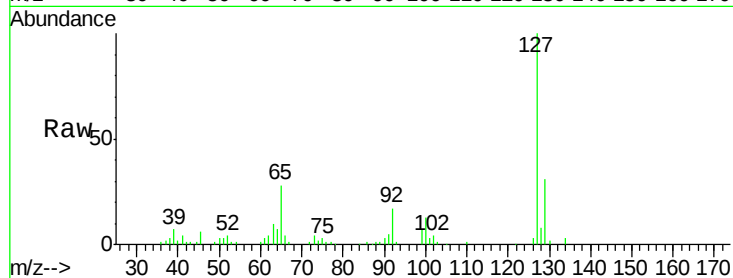
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 27.9 25.0 37.4

92 17.1 15.2 22.8

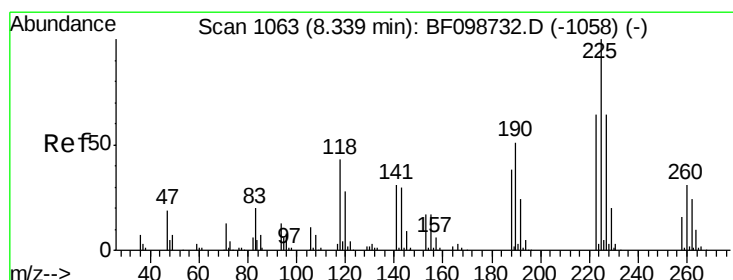
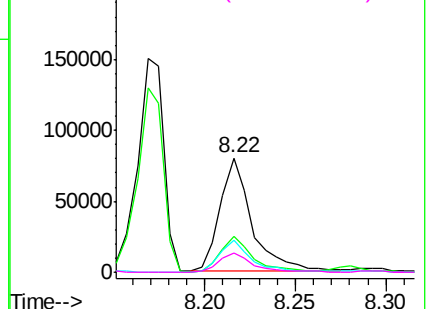
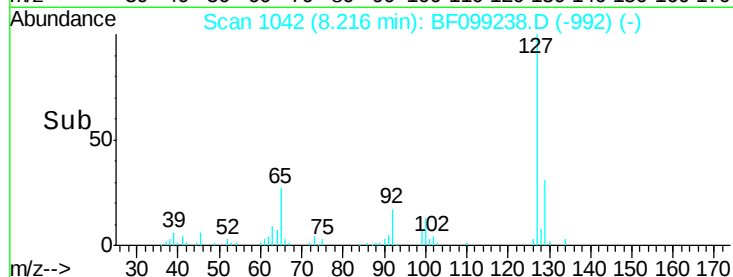


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.55 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

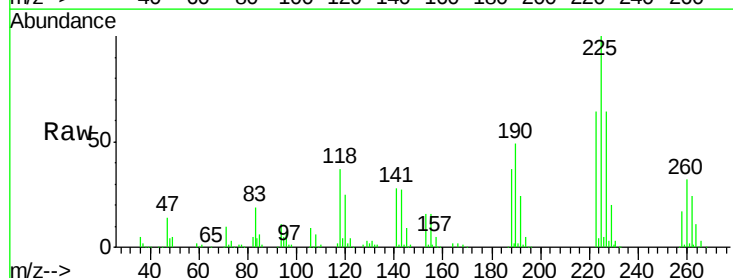
Tgt Ion:225 Resp: 166003

Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

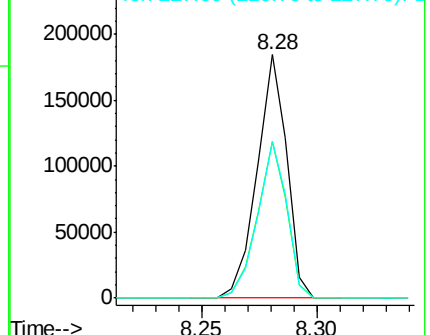
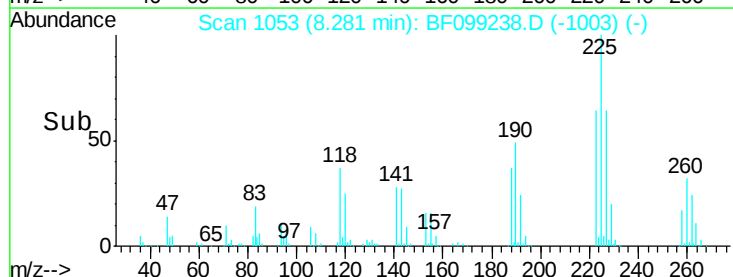
227 64.2 51.9 77.9

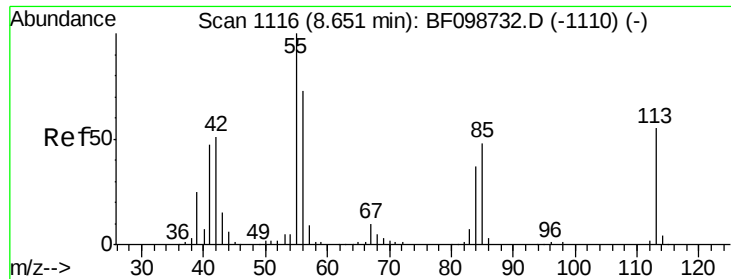


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

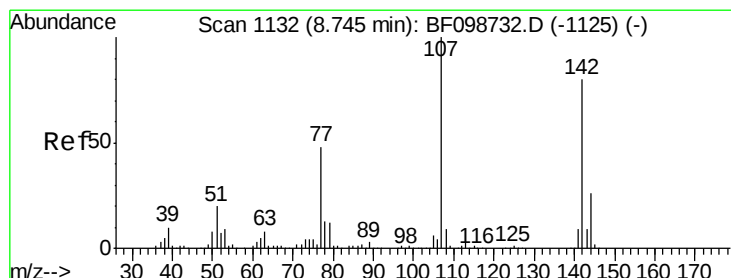
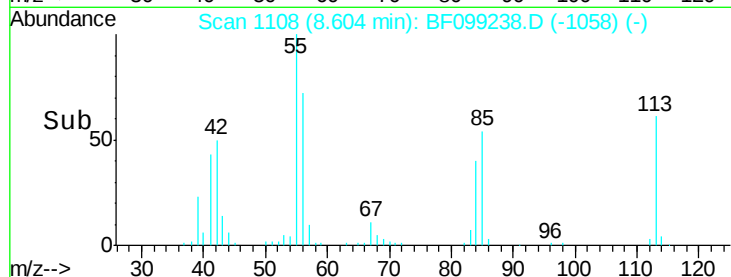
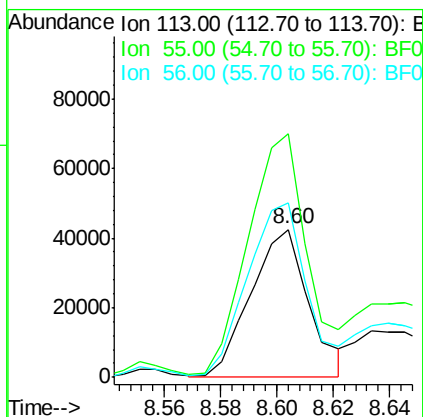
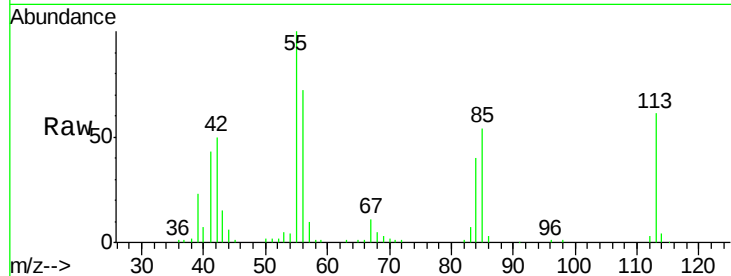




#35
 Caprolactam
 Concen: 23.80 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

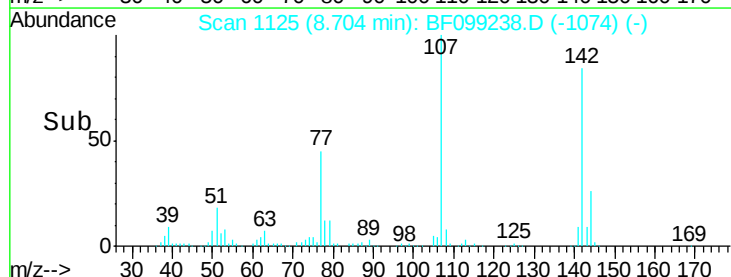
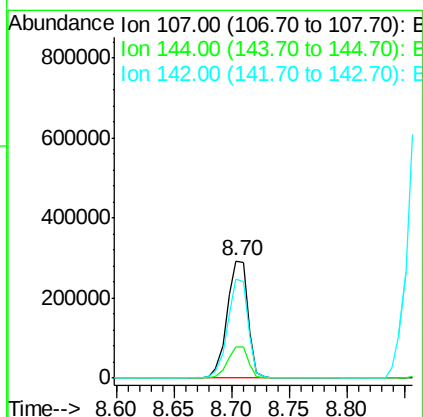
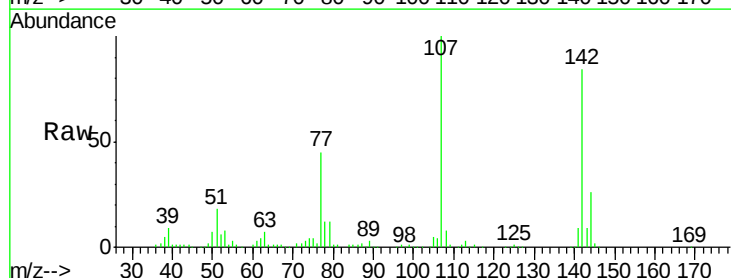
Instrument :
 BNA_F
 ClientSampled :

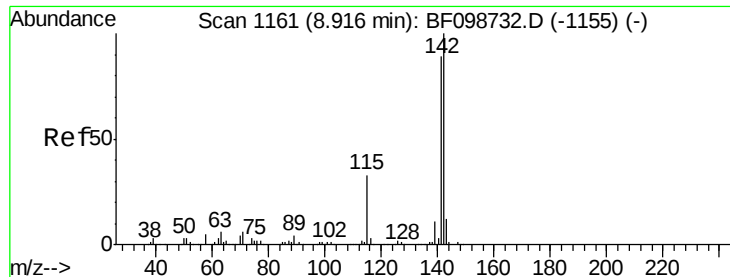
Tot Ion:113 Resp: 60674
 Ion Ratio Lower Upper
 113 100
 55 164.4 163.3 203.3
 56 117.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.19 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:107 Resp: 367968
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 84.0 62.0 93.0

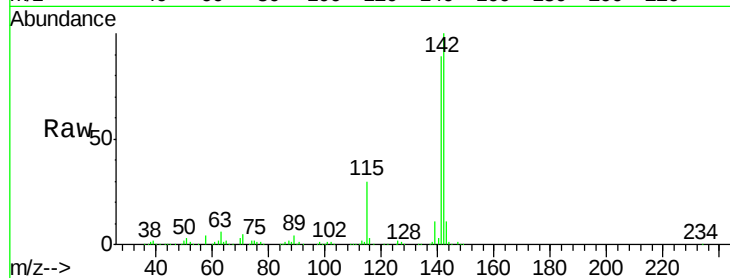




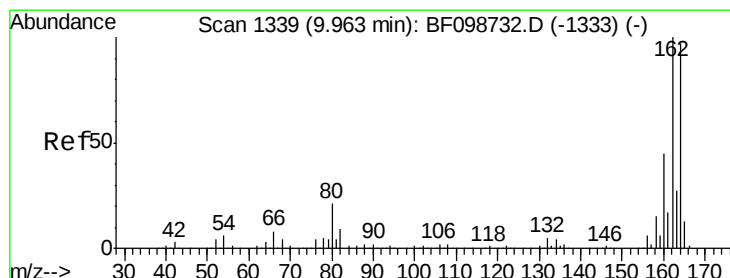
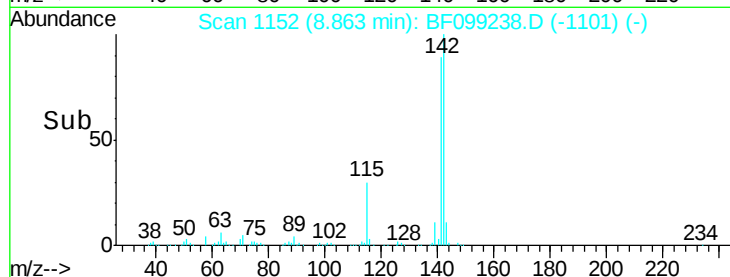
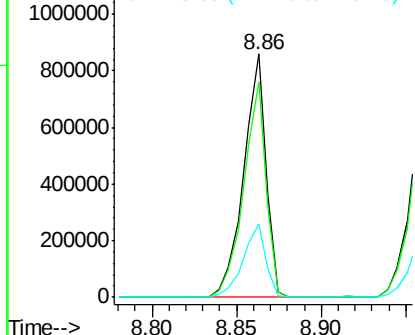
#37
2-Methylnaphthalene
Concen: 45.27 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 796422
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 30.4 26.1 39.1

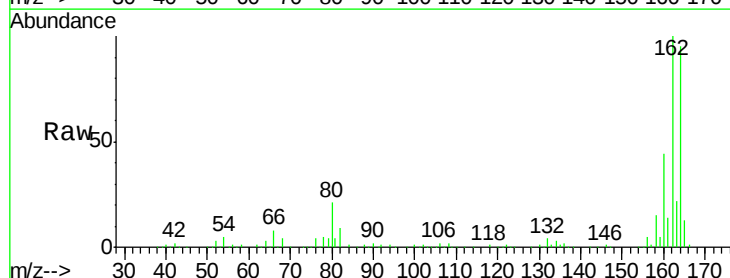


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

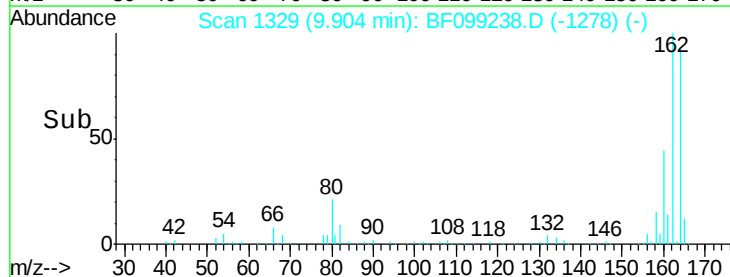
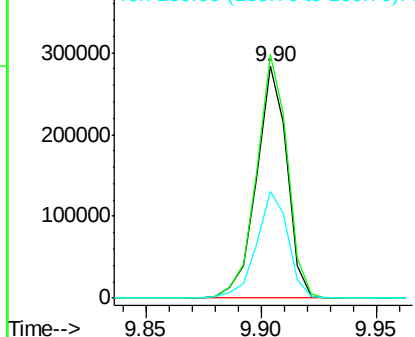


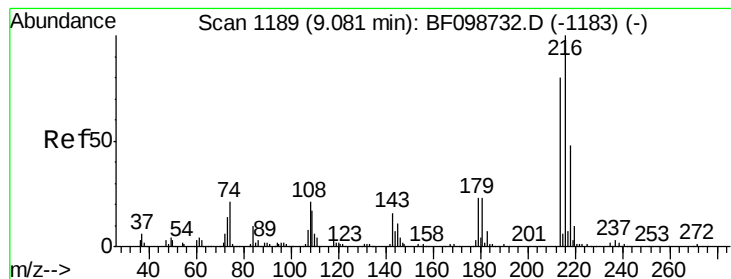
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:164 Resp: 260978
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.9 38.3 57.5



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: 40.19 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 312796

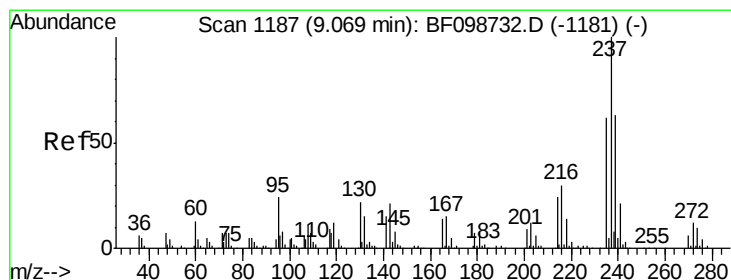
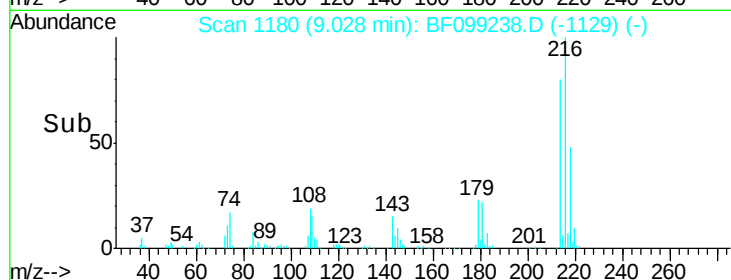
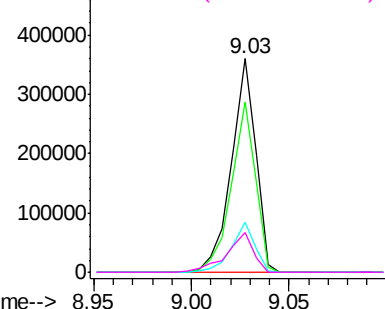
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.3	18.1	27.1
108	20.6	17.2	25.8

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: 52.53 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

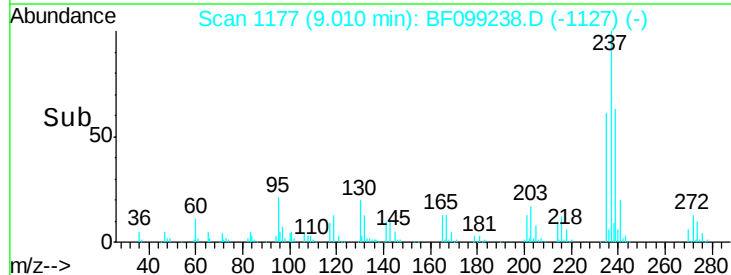
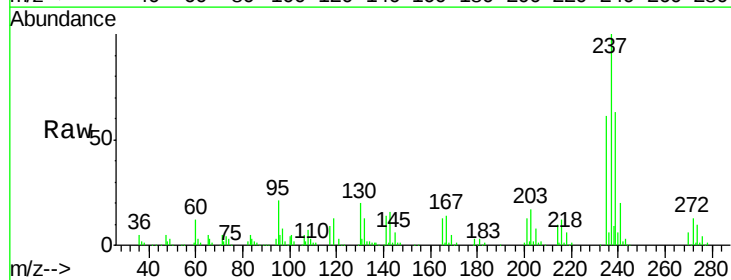
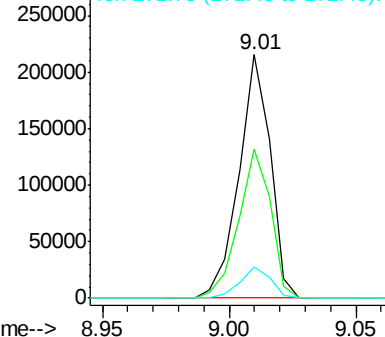
Tgt Ion:237 Resp: 186855

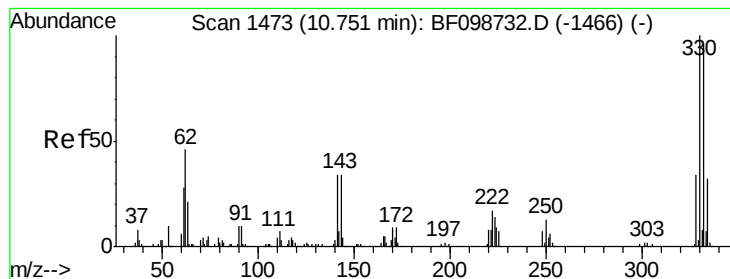
Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	12.8	0.0	33.3

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: 131.80 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

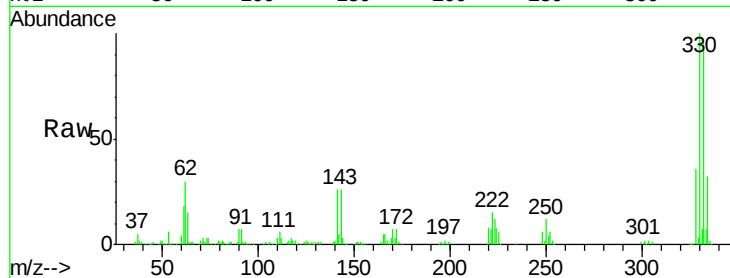
Tot Ion:330 Resp: 281463

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

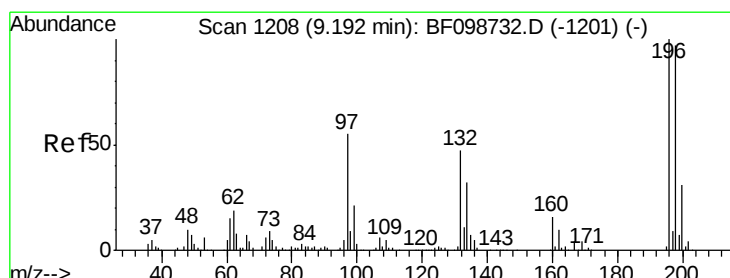
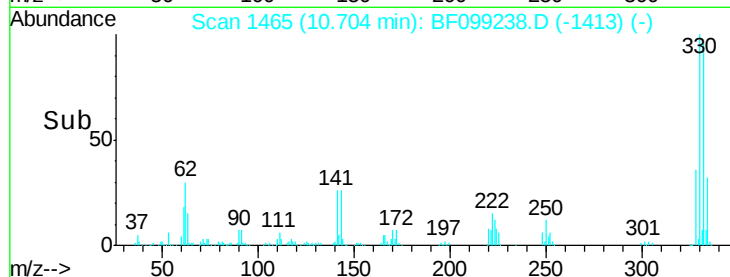
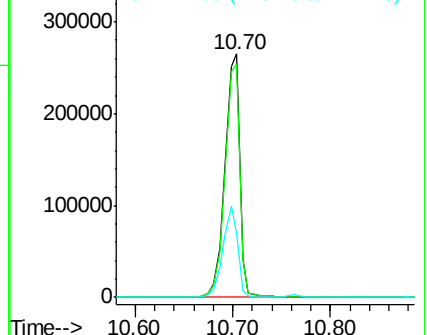
141 37.1 29.9 44.9



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: 41.33 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

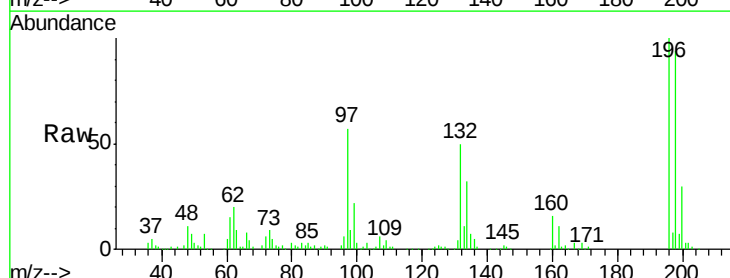
Tgt Ion:196 Resp: 227898

Ion Ratio Lower Upper

196 100

198 93.9 75.7 113.5

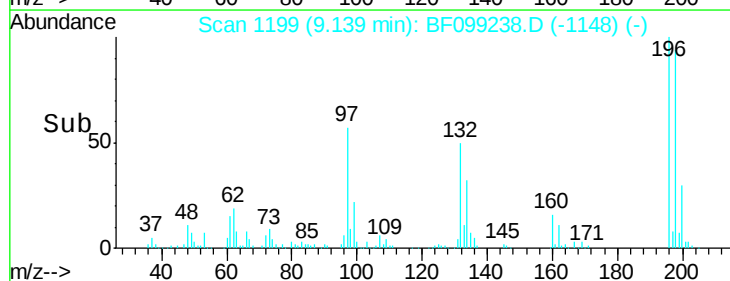
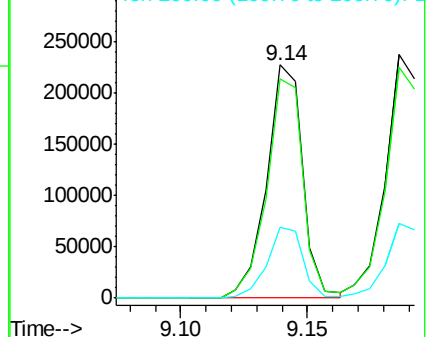
200 30.2 24.5 36.7



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

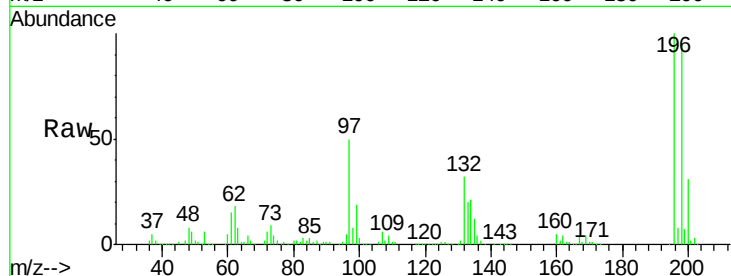




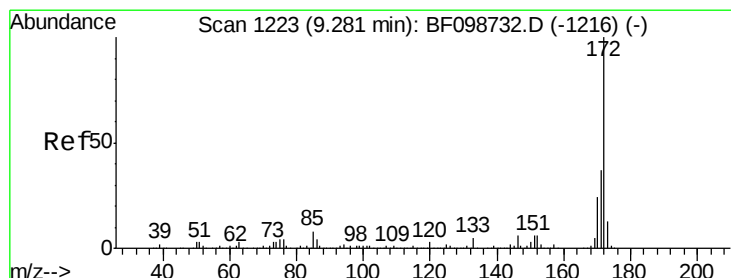
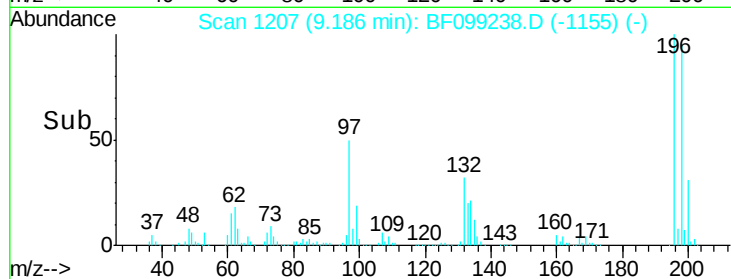
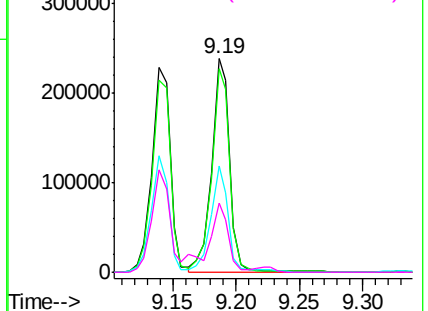
#43
 2,4,5-Trichlorophenol
 Concen: 43.32 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 238425
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 50.0 42.9 64.3
 132 32.2 26.3 39.5

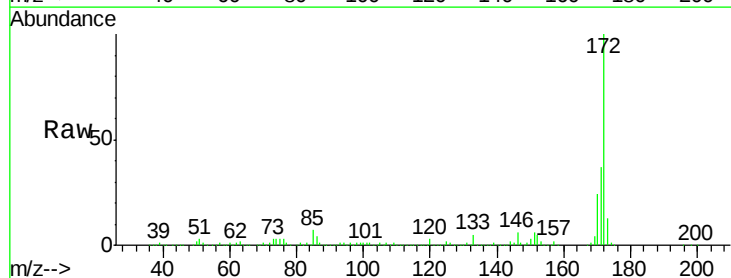


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

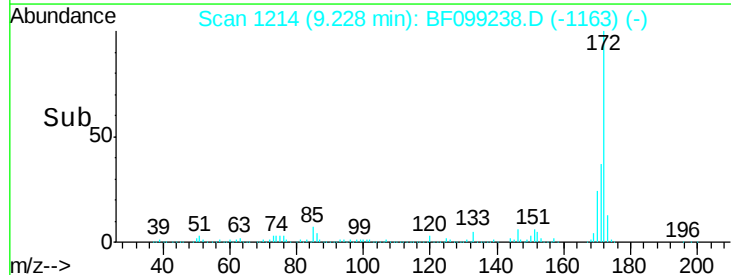
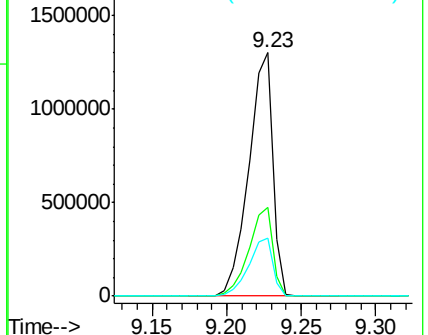


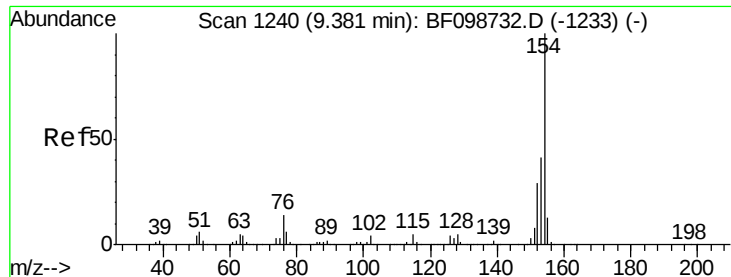
#44
 2-Fluorobiphenyl
 Concen: 92.27 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:172 Resp: 1442523
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 19.6 29.4



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

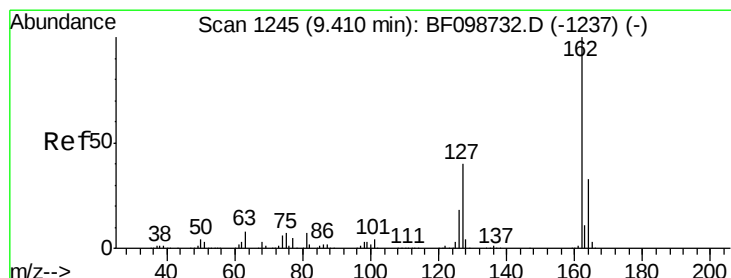
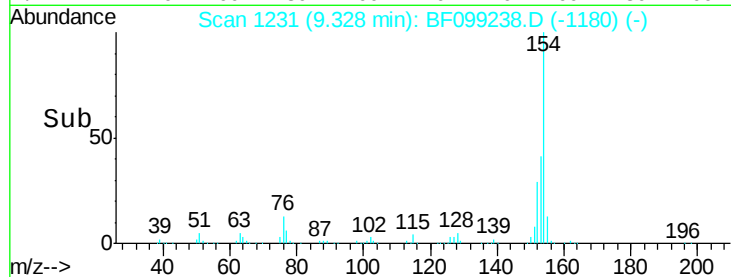
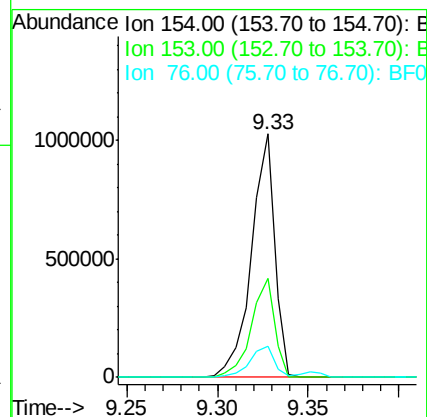
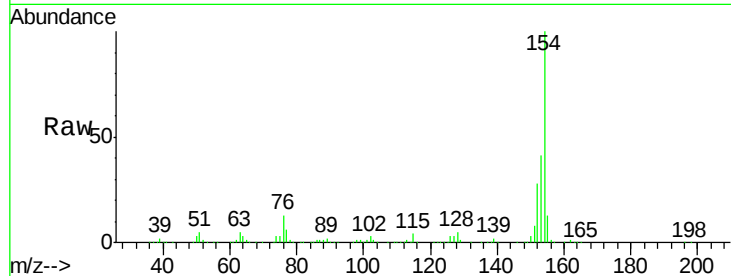




#45
 1,1'-Biphenyl
 Concen: 40.84 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

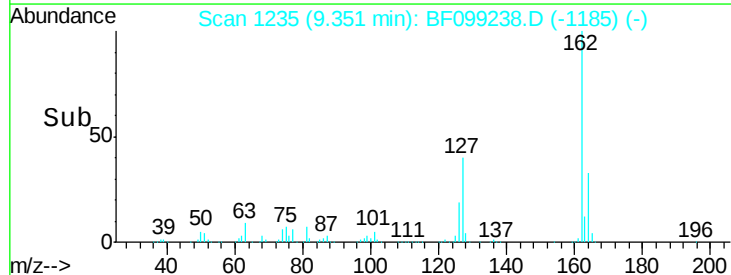
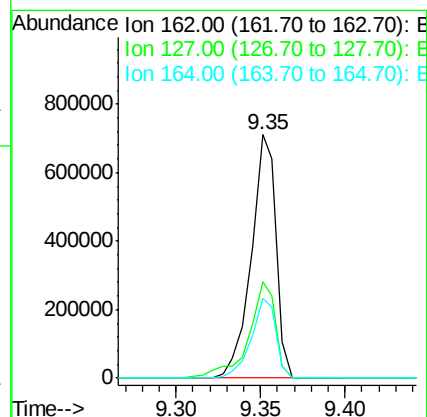
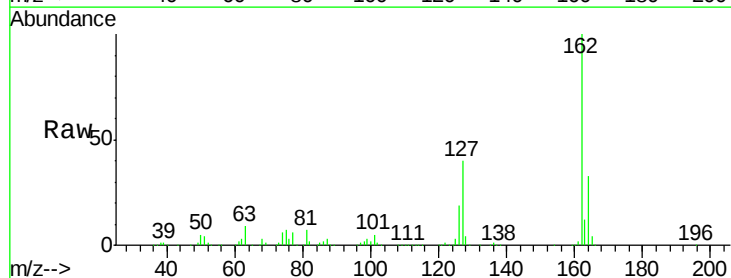
Instrument :
 BNA_F
 ClientSampleId :

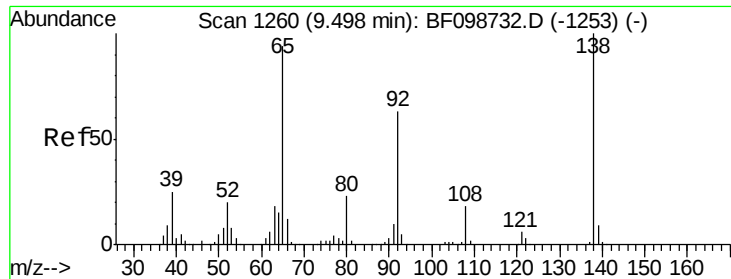
Tot Ion:154 Resp: 915926
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 12.9 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 43.26 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:162 Resp: 728595
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.9 50.9
 164 33.0 26.5 39.7

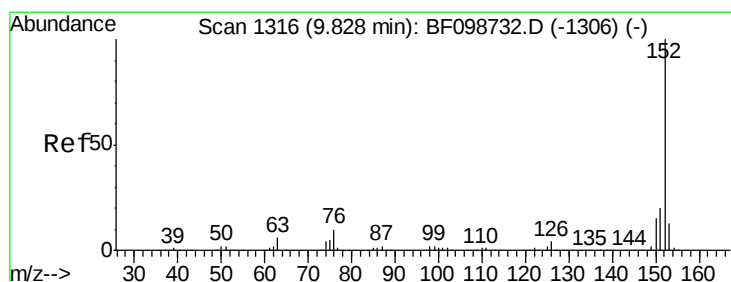
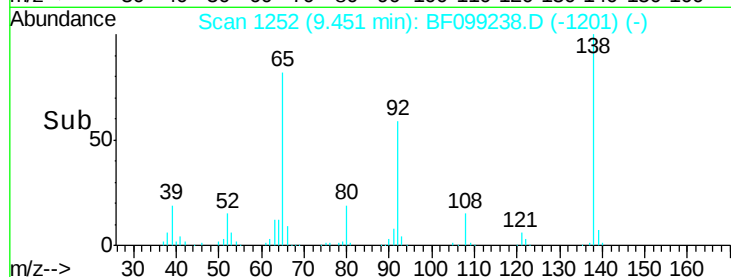
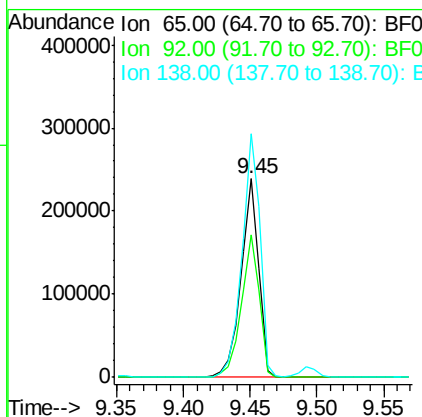
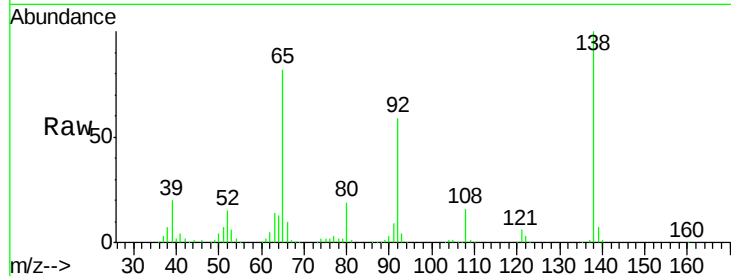




#47
2-Nitroaniline
Concen: 42.64 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

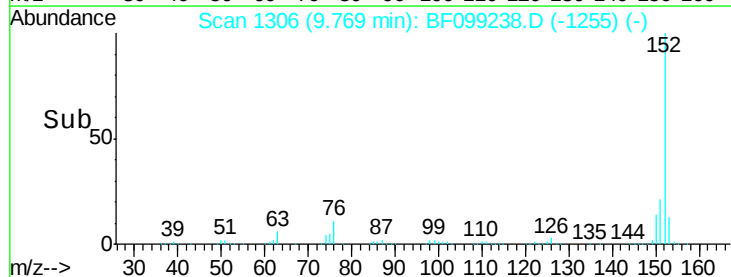
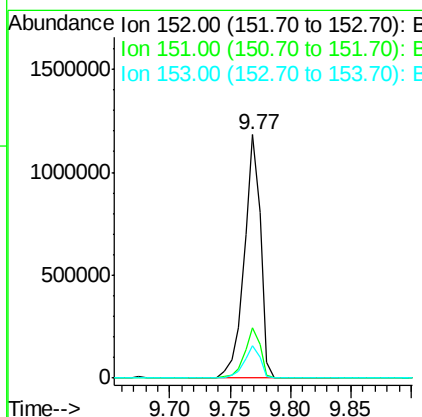
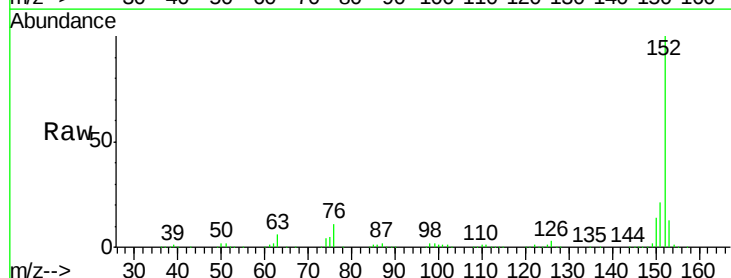
Instrument :
BNA_F
ClientSampleId :

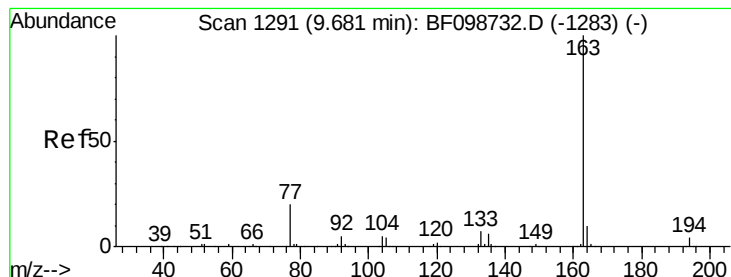
Tot Ion: 65 Resp: 219879
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.6
138 122.5 91.2 136.8



#48
Acenaphthylene
Concen: 42.91 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion: 152 Resp: 1106161
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 45.01 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampled :

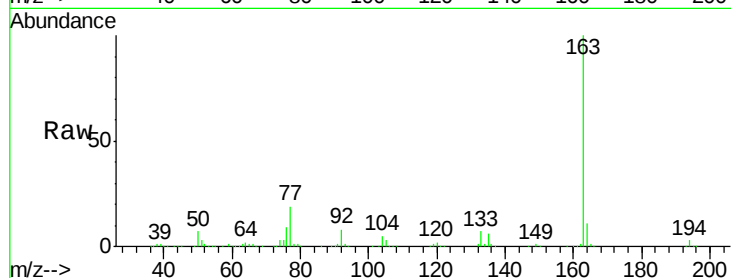
Tot Ion:163 Resp: 886603

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

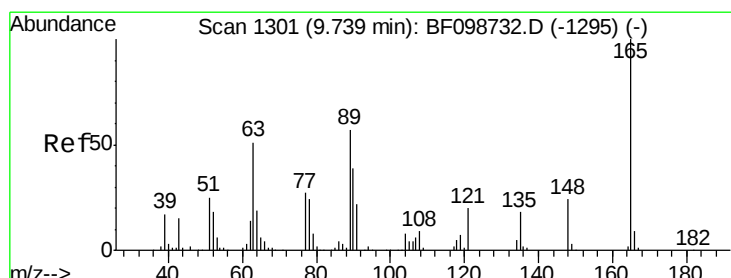
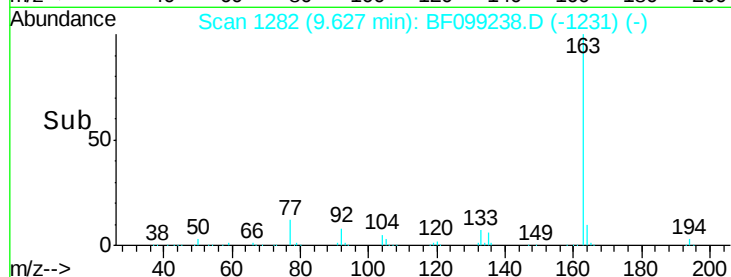
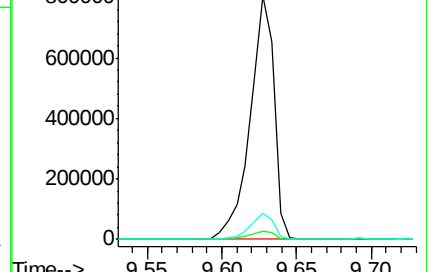
164 10.5 8.2 12.2



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: 45.58 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

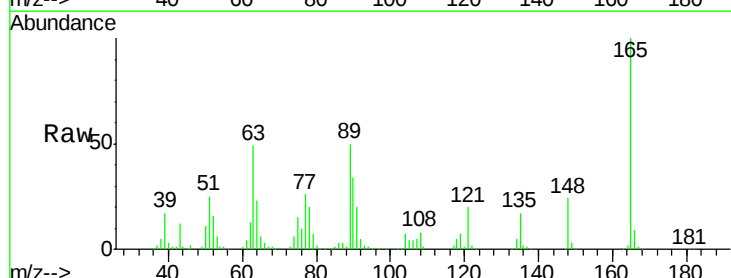
Tgt Ion:165 Resp: 195446

Ion Ratio Lower Upper

165 100

63 48.6 44.7 67.1

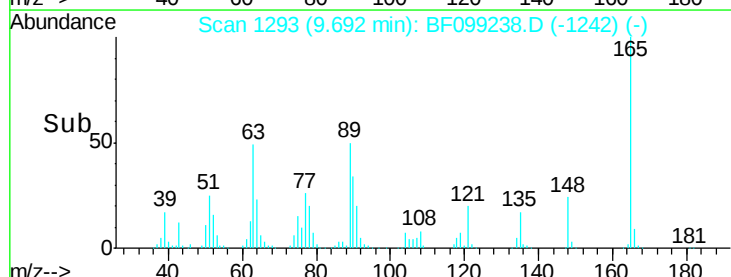
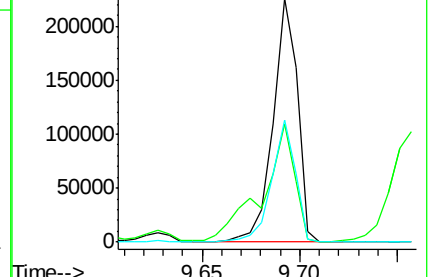
89 50.2 44.0 66.0

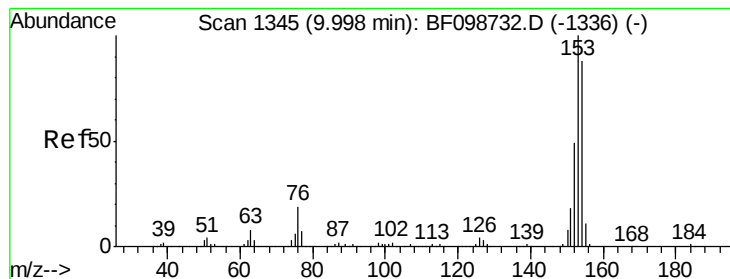


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.67 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampled :

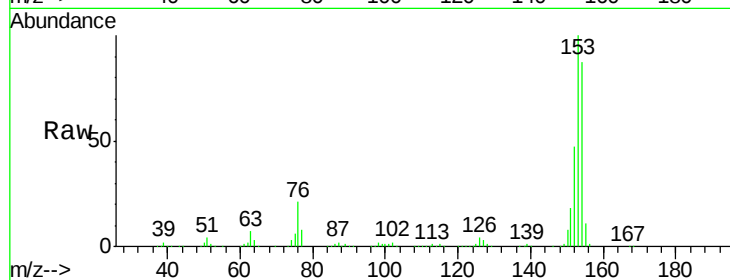
Tot Ion:154 Resp: 647799

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

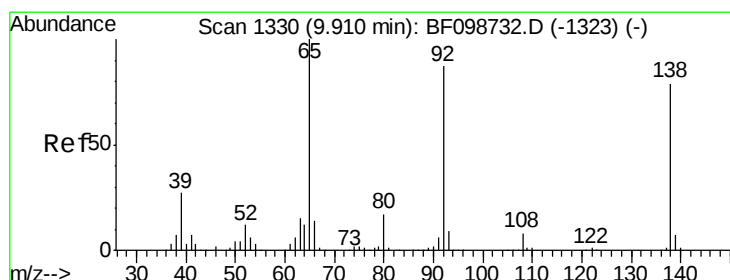
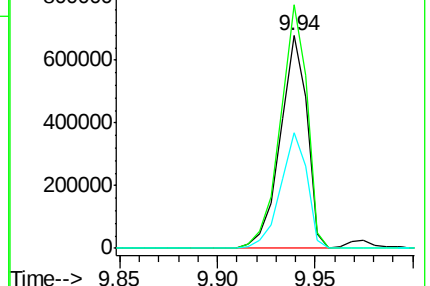
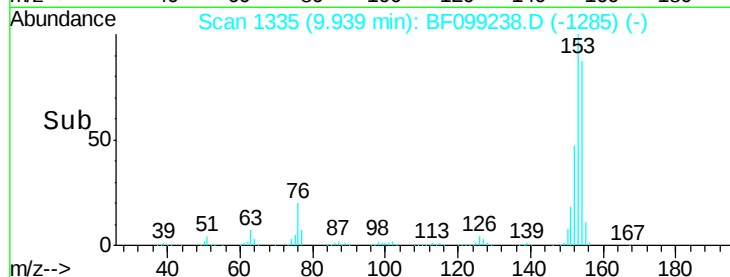
152 54.1 43.8 65.8



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: 27.45 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

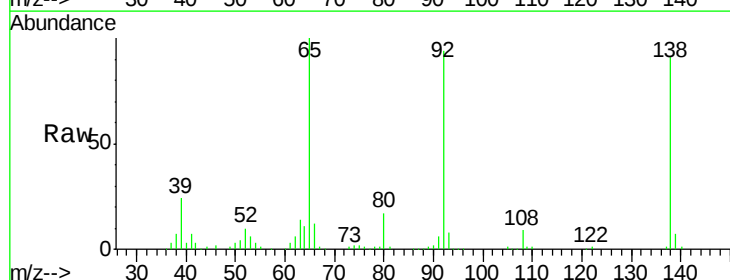
Tgt Ion:138 Resp: 137243

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

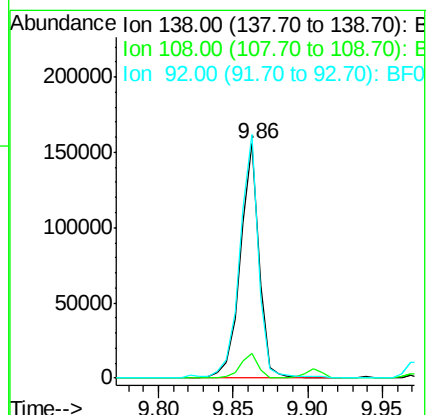
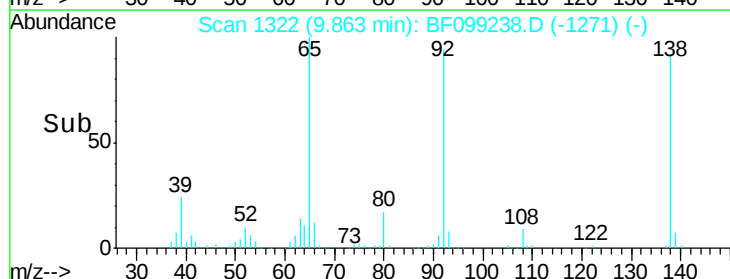
92 103.9 89.4 134.2

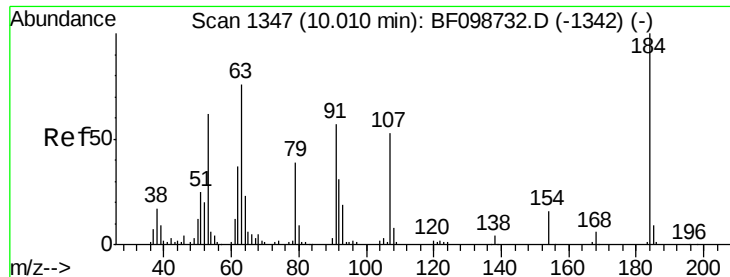


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

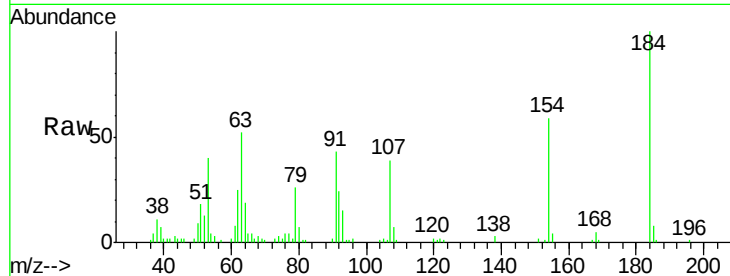




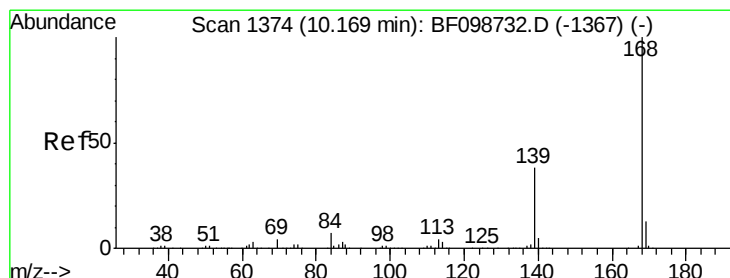
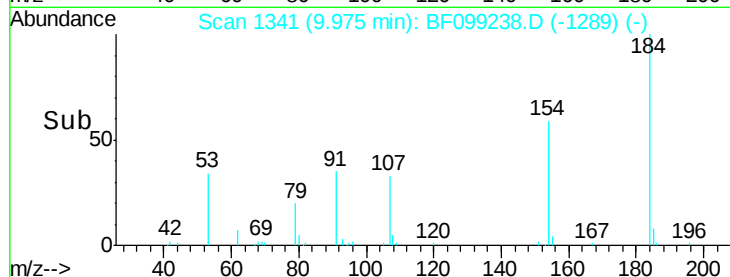
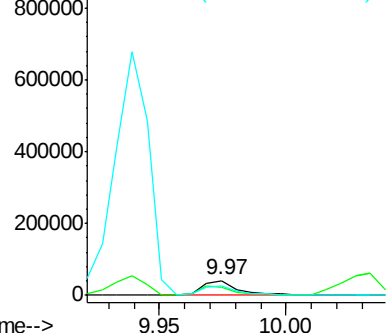
#53
2,4-Dinitrophenol
Concen: 22.96 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 41260
Ion Ratio Lower Upper
184 100
63 51.9 54.2 81.2#
154 58.7 53.5 80.3

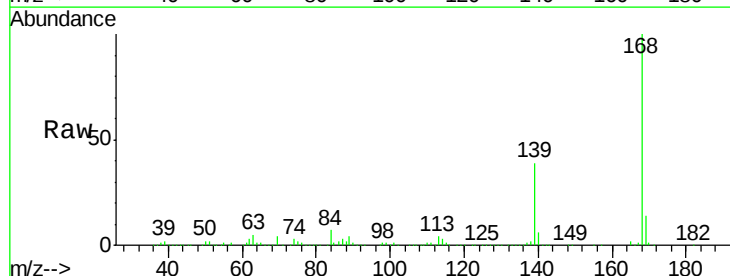


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

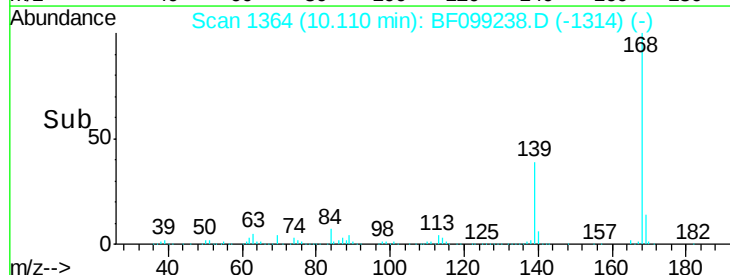
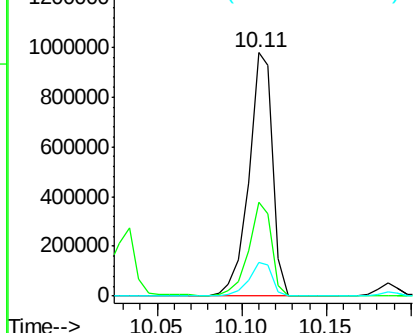


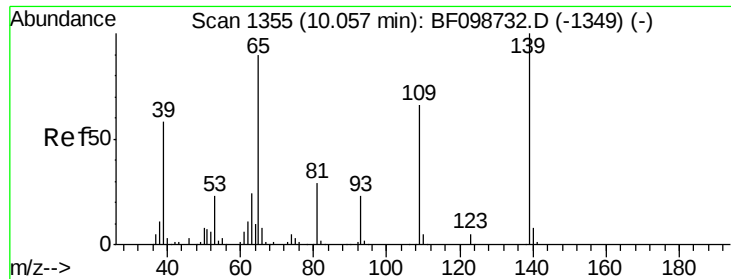
#54
Dibenzofuran
Concen: 44.26 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:168 Resp: 962435
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.0 10.9 16.3



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

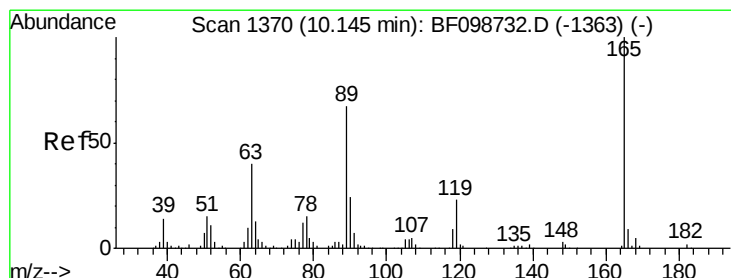
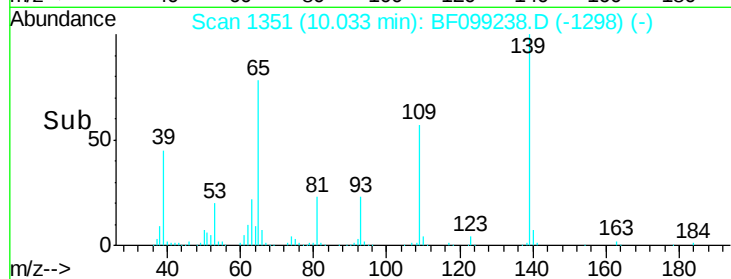
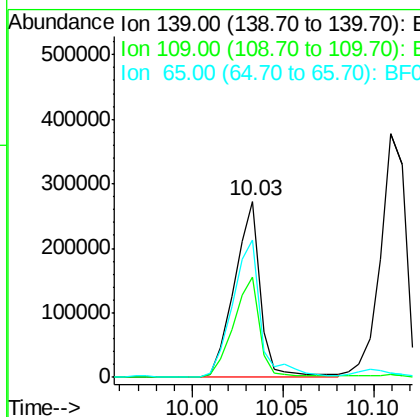
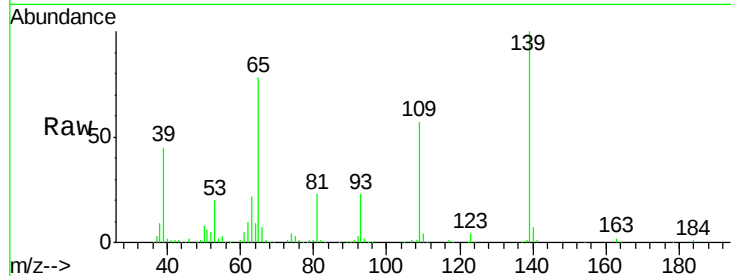




#55
4-Nitrophenol
Concen: 64.74 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

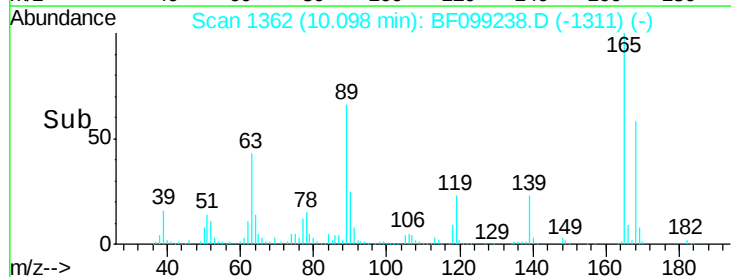
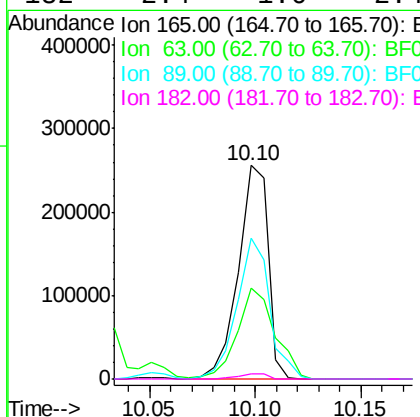
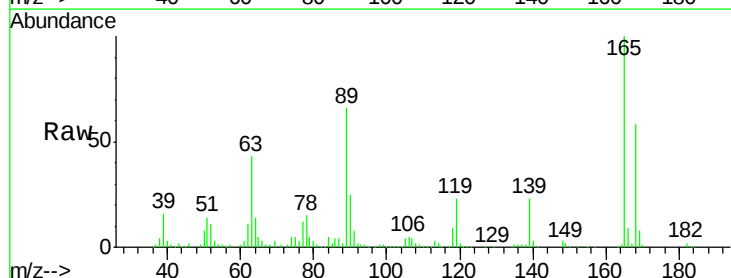
Instrument :
BNA_F
ClientSampleId :

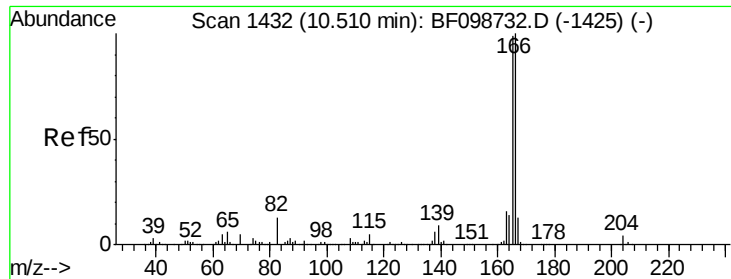
Tot Ion:139 Resp: 273716
Ion Ratio Lower Upper
139 100
109 57.0 48.4 88.4
65 77.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.03 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:165 Resp: 250612
Ion Ratio Lower Upper
165 100
63 42.6 36.4 54.6
89 66.1 57.8 86.6
182 2.4 1.6 2.4

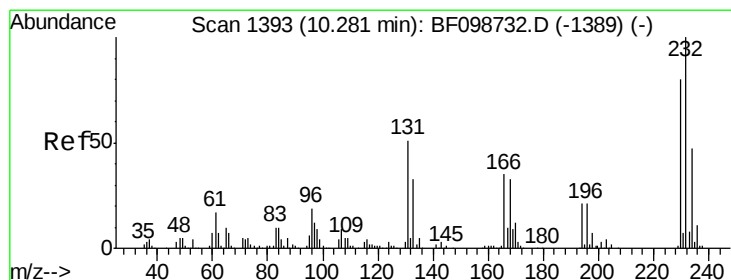
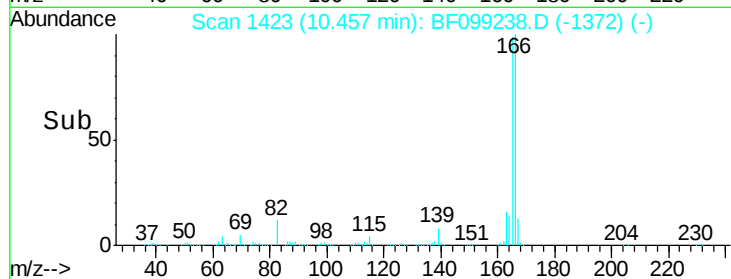
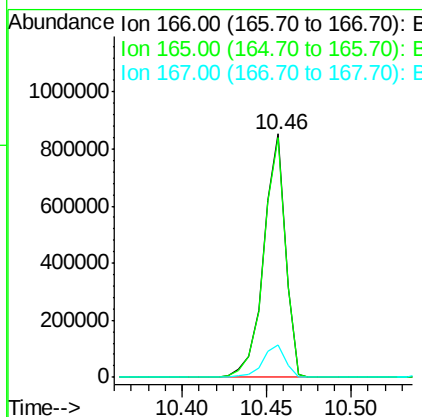
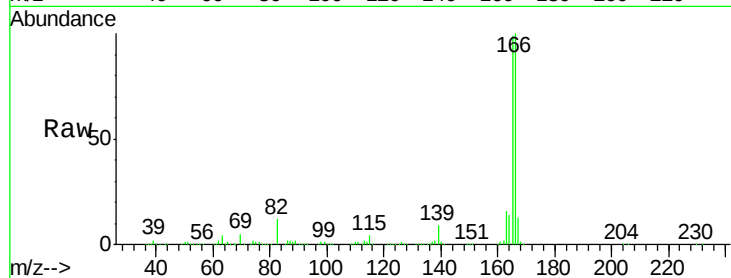




#57
 Fluorene
 Concen: 43.35 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

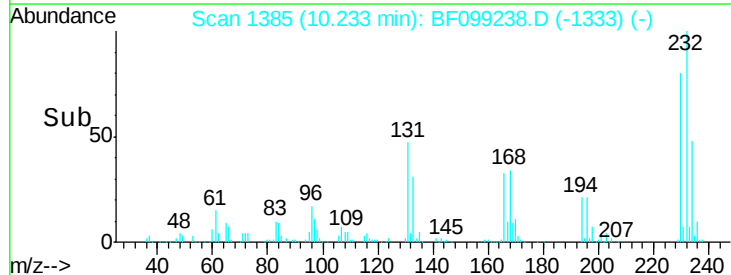
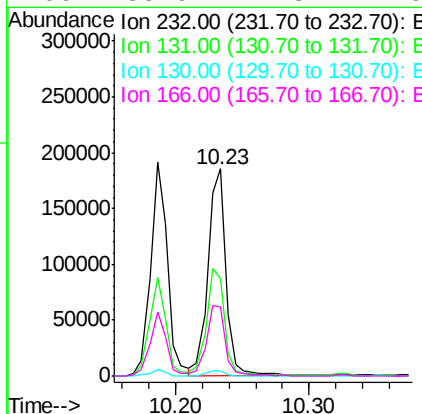
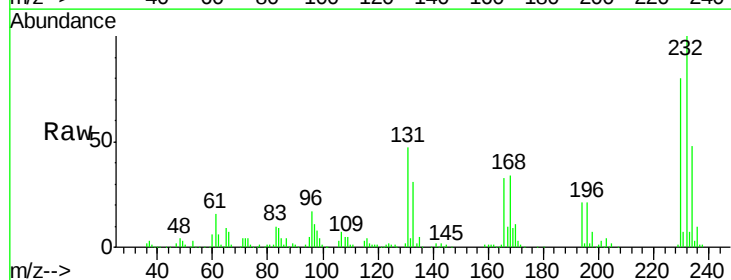
Instrument :
 BNA_F
 ClientSampled :

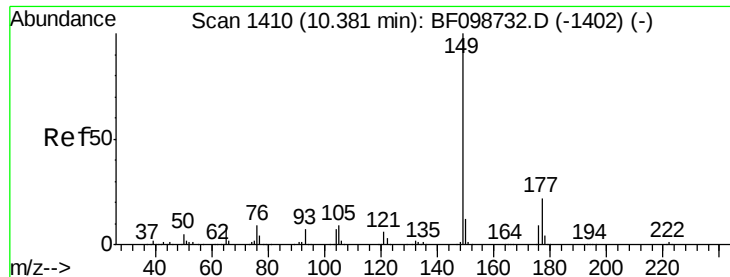
Tot Ion:166 Resp: 757552
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.13 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:232 Resp: 175393
 Ion Ratio Lower Upper
 232 100
 131 51.5 43.8 65.8
 130 2.5 2.1 3.1
 166 35.9 27.8 41.6

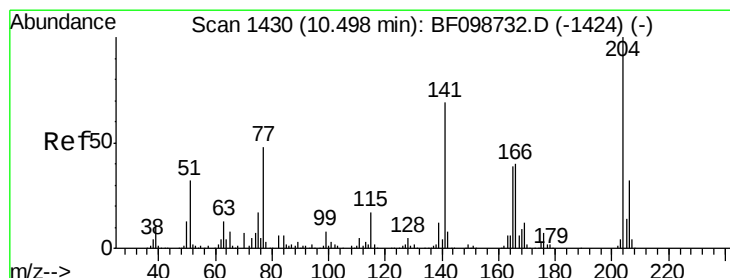
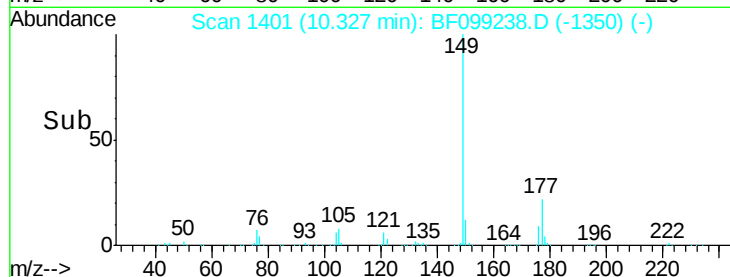
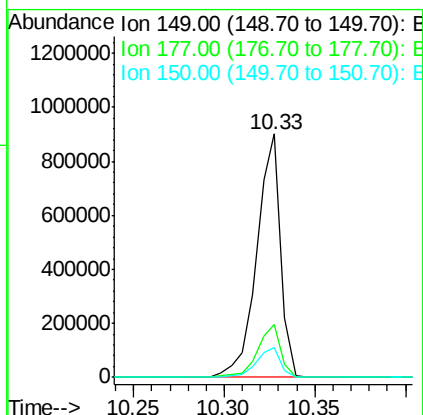
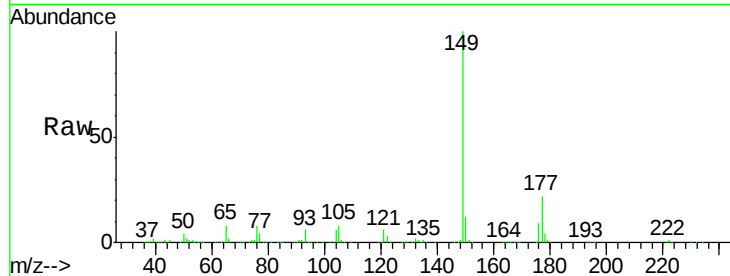




#59
Diethylphthalate
Concen: 42.42 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

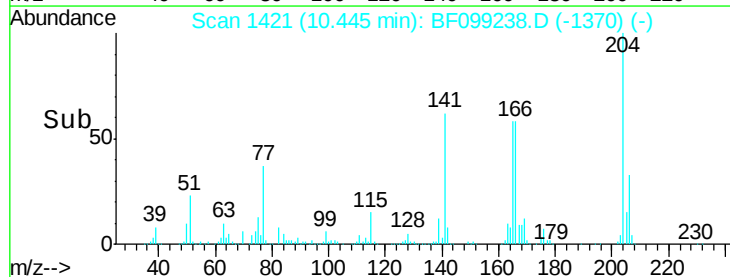
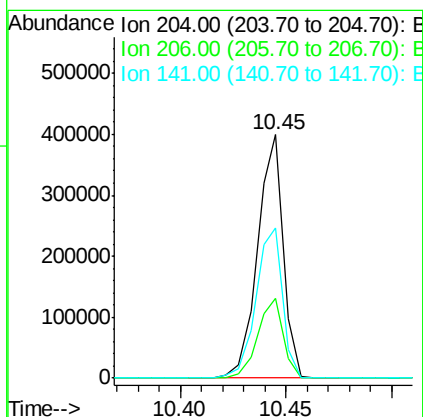
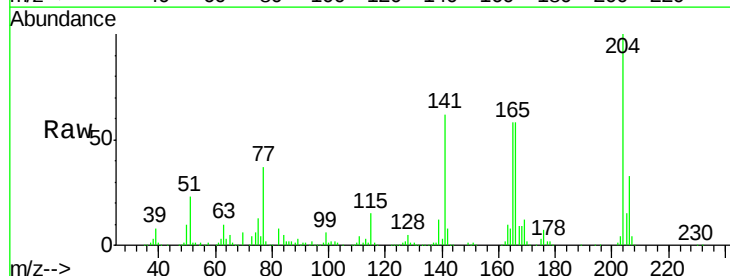
Instrument :
BNA_F
ClientSampled :

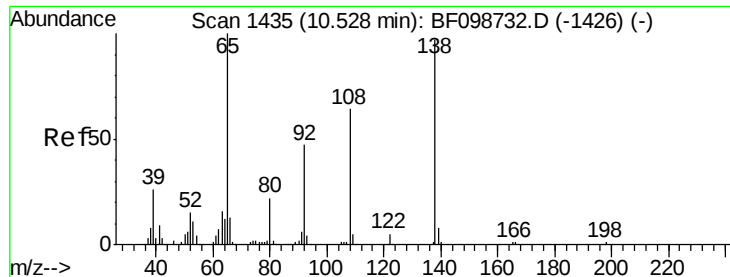
Tot Ion:149 Resp: 816429
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.96 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:204 Resp: 337261
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 61.6 54.6 81.8

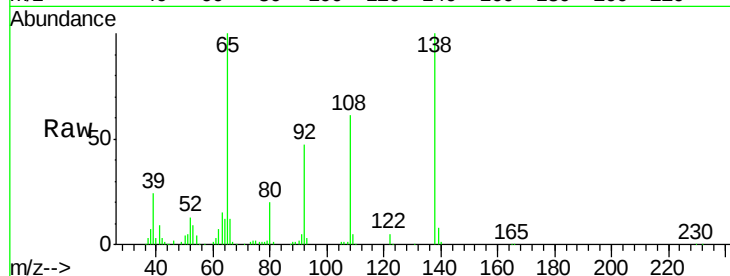




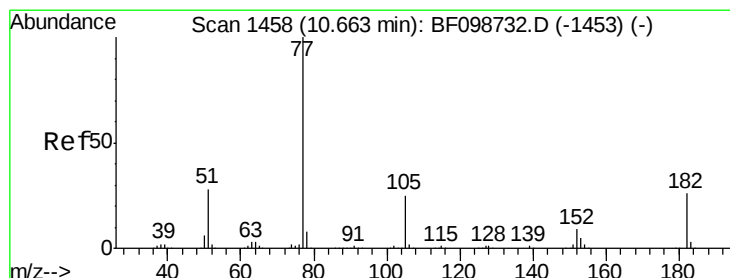
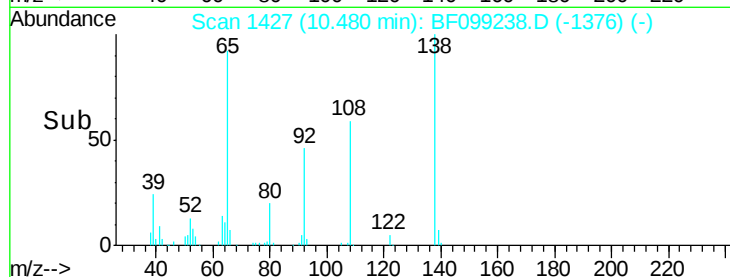
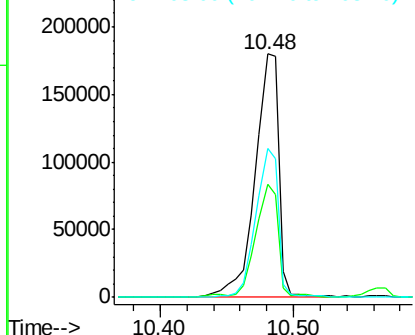
#61
4-Nitroaniline
Concen: 45.44 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 219179
Ion Ratio Lower Upper
138 100
92 46.7 30.2 70.2
108 61.1 52.5 92.5

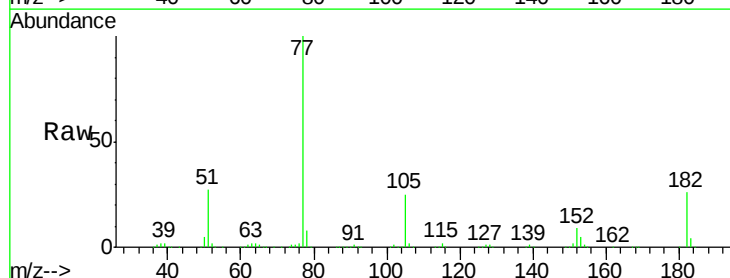


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

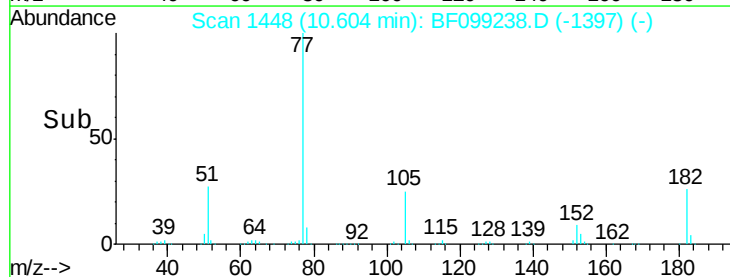
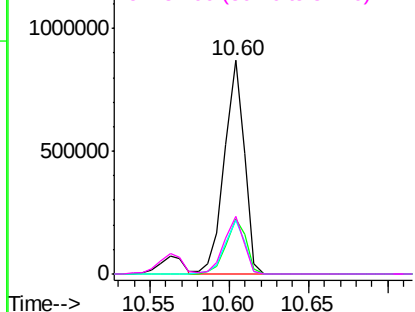


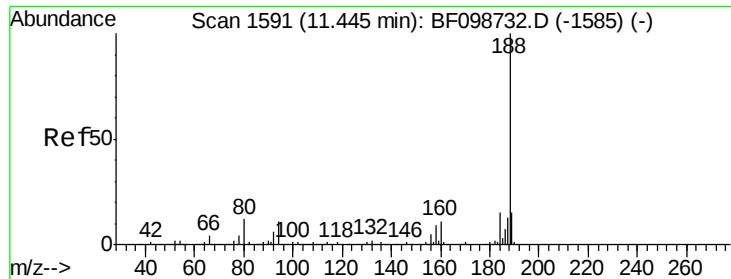
#62
Azobenzene
Concen: 42.92 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion: 77 Resp: 759547
Ion Ratio Lower Upper
77 100
182 25.5 1.7 41.7
105 25.2 3.0 43.0
51 26.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
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): BF0

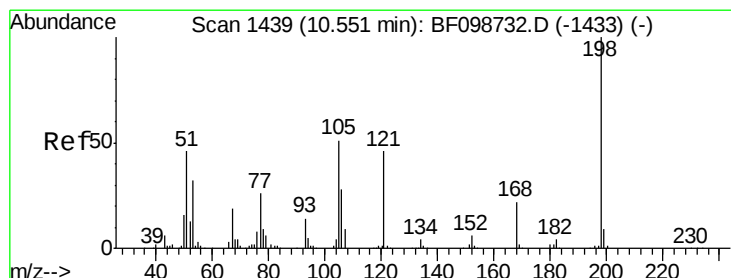
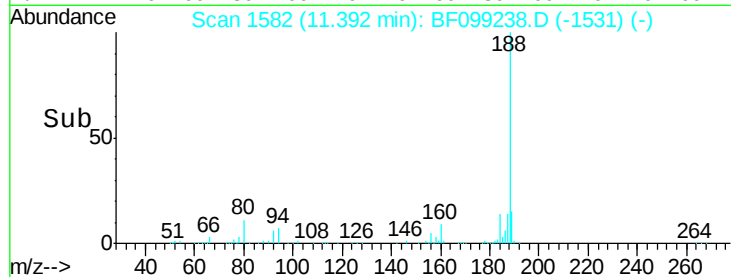
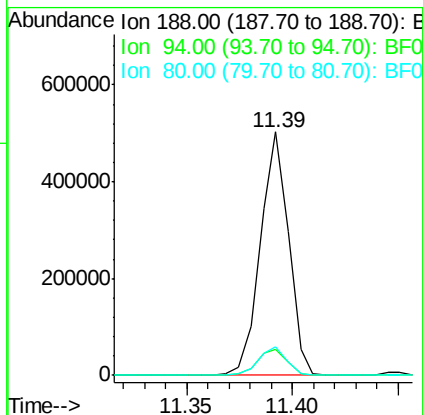
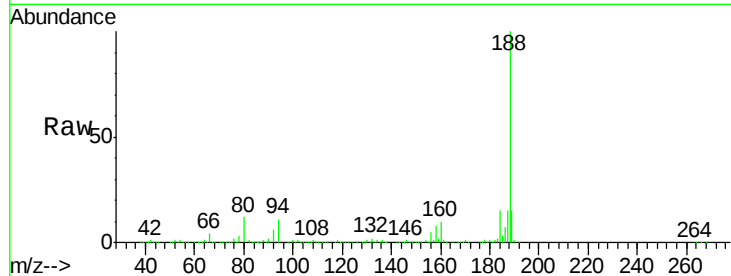




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

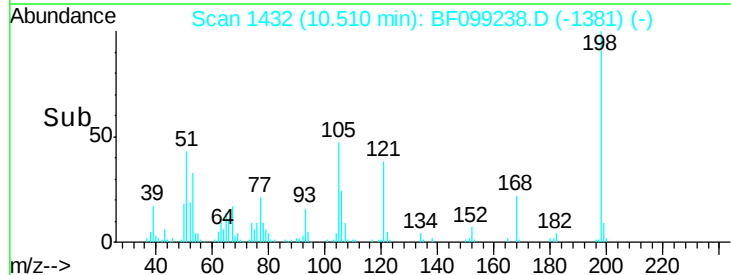
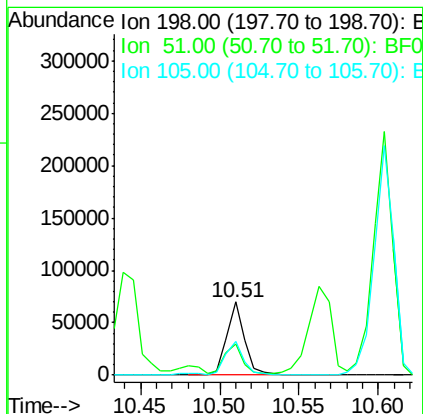
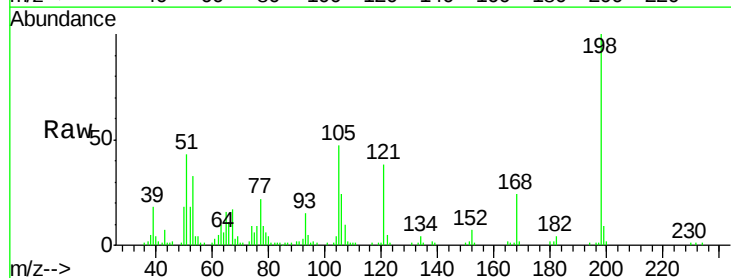
Instrument :
BNA_F
ClientSampleId :

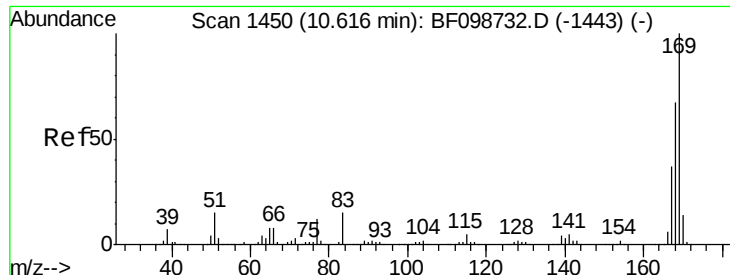
Tot Ion:188 Resp: 468343
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.40 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:198 Resp: 55267
Ion Ratio Lower Upper
198 100
51 43.0 37.7 77.7
105 46.8 36.3 76.3

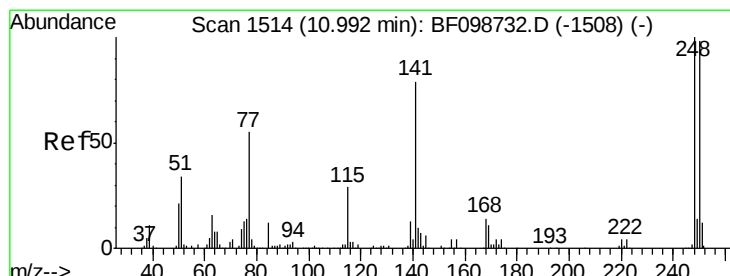
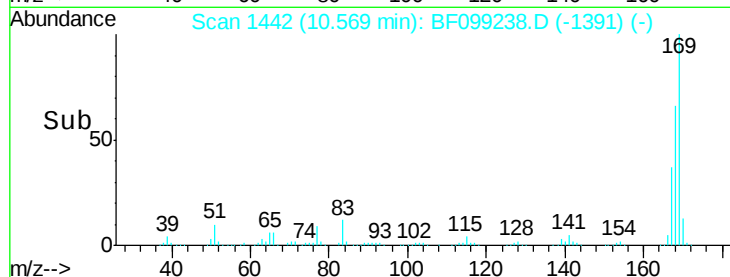
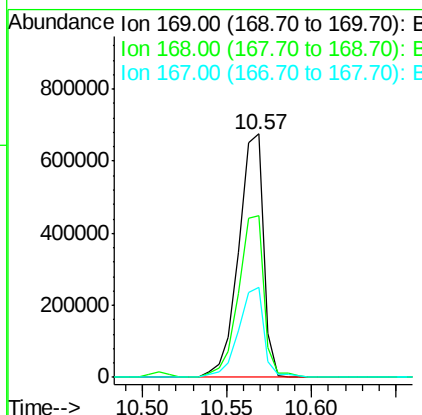
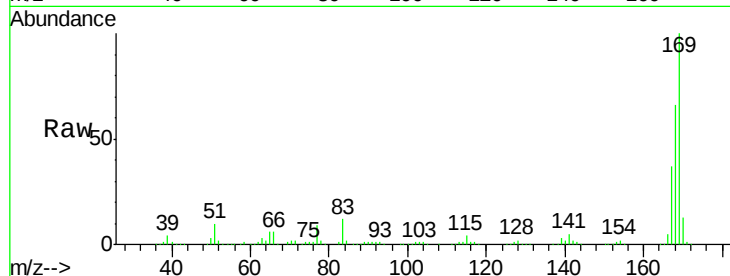




#65
 n-Nitrosodiphenylamine
 Concen: 42.87 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

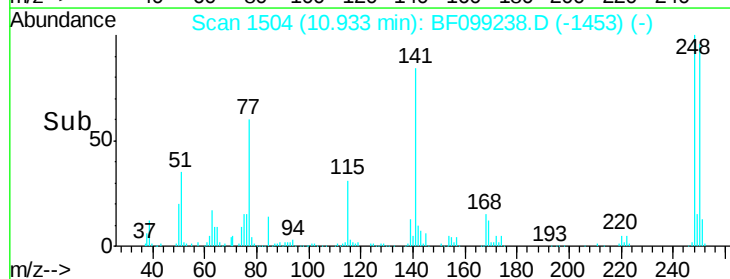
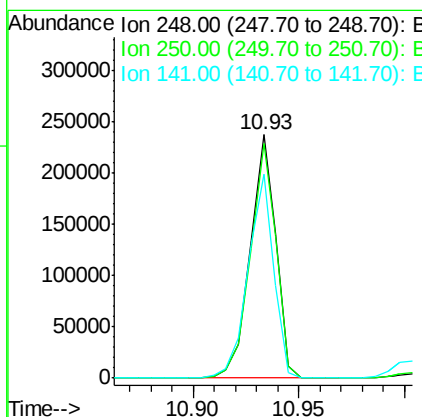
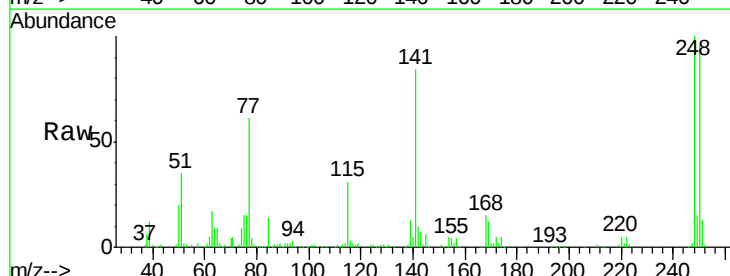
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 695547
 Ion Ratio Lower Upper
 169 100
 168 66.2 54.4 81.6
 167 37.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.84 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:248 Resp: 200981
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 83.6 74.4 111.6

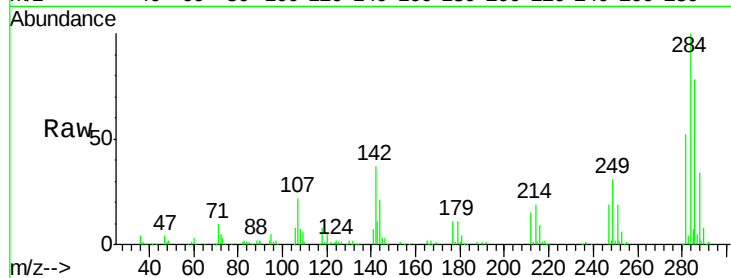




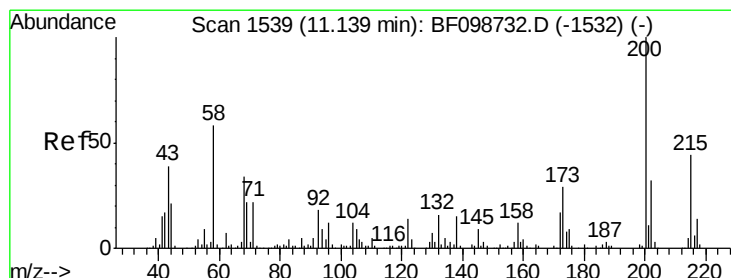
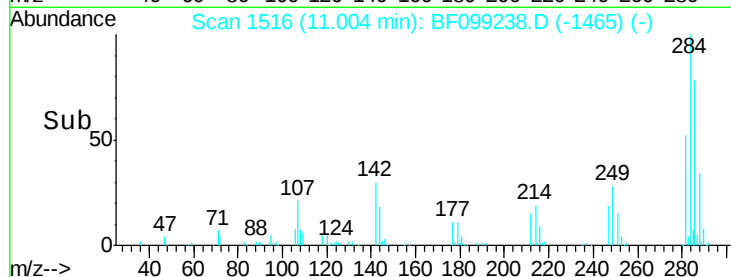
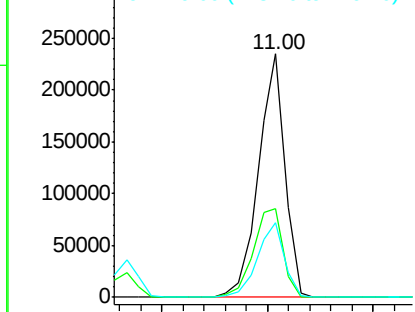
#67
Hexachlorobenzene
Concen: 41.71 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 204205
Ion Ratio Lower Upper
284 100
142 36.6 34.6 52.0
249 30.6 24.8 37.2

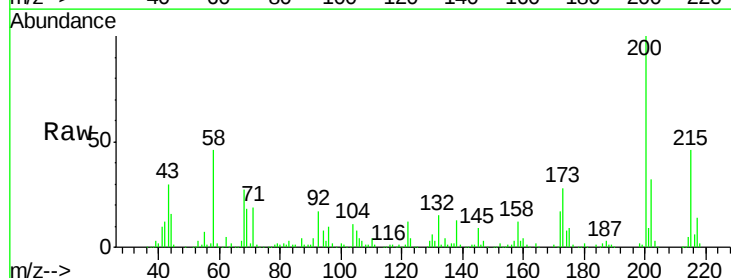


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

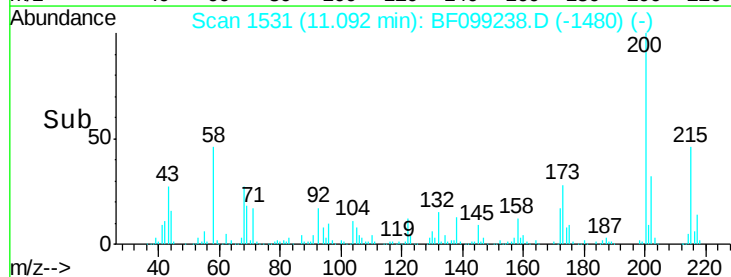
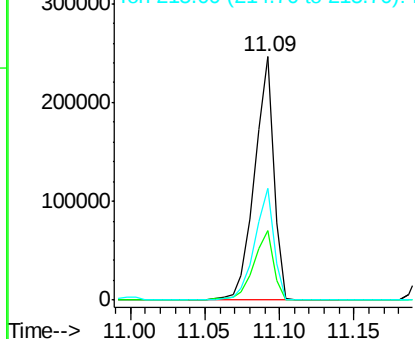


#68
Atrazine
Concen: 44.61 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:200 Resp: 217749
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 45.9 25.1 65.1



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

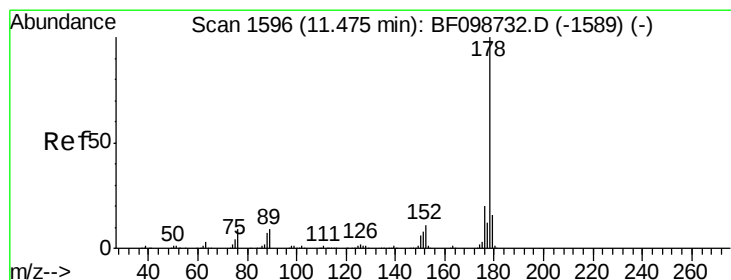
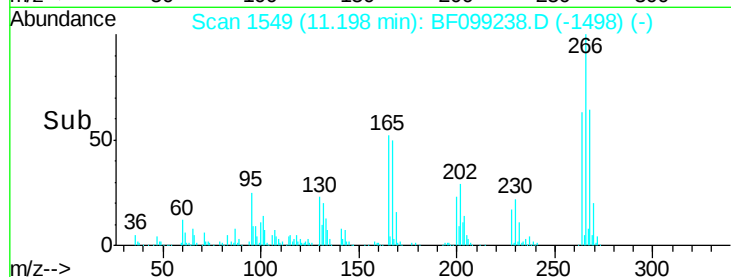
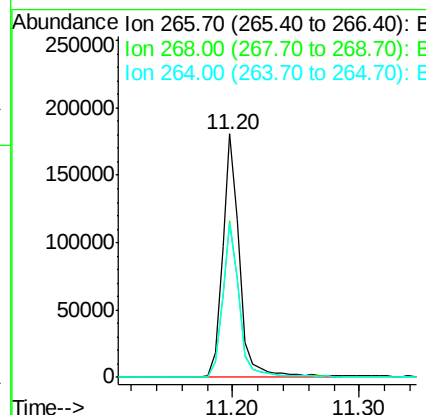
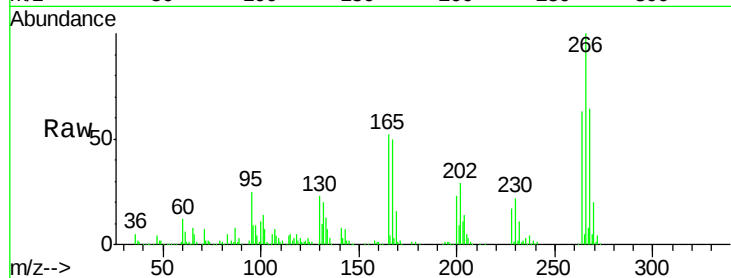




#69
 Pentachlorophenol
 Concen: 55.62 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

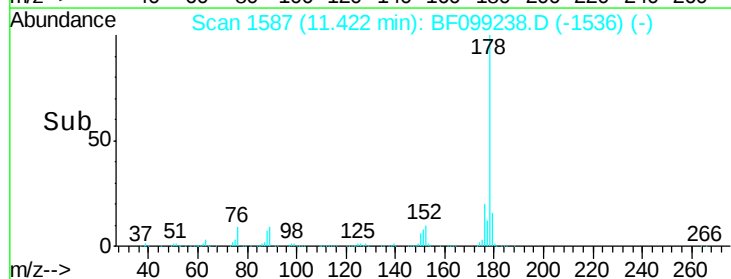
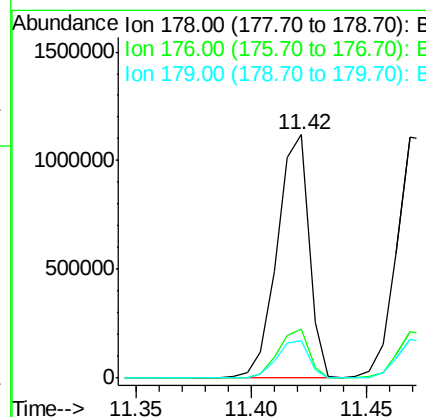
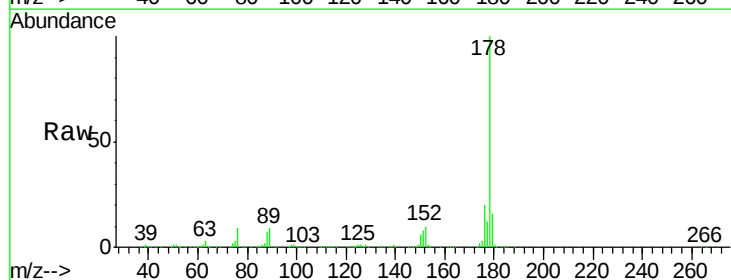
Instrument :
 BNA_F
 ClientSampled :

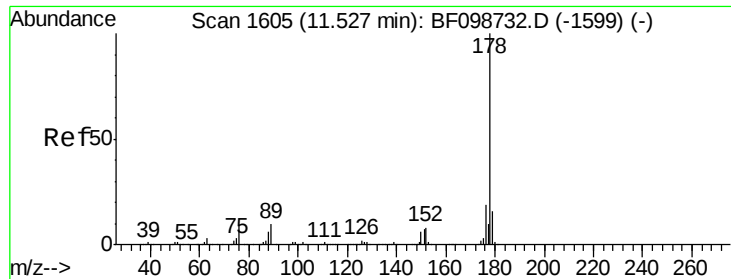
Tot Ion:266 Resp: 169474
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 42.85 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:178 Resp: 1074140
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.7 13.0 19.6

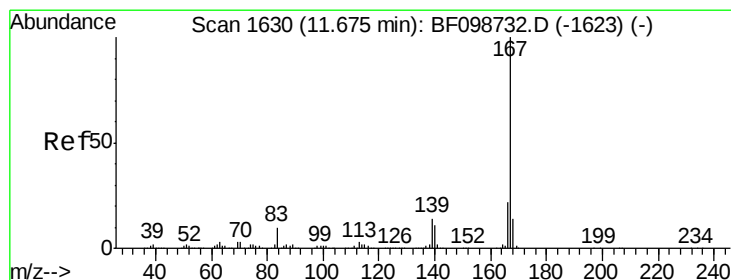
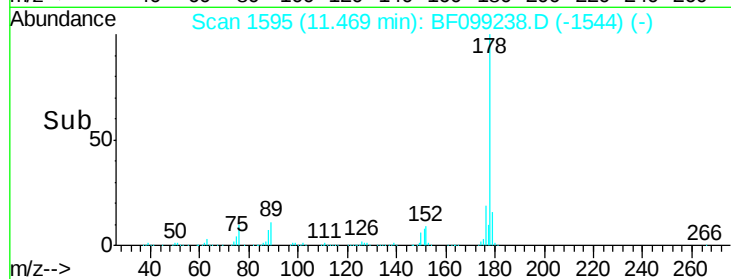
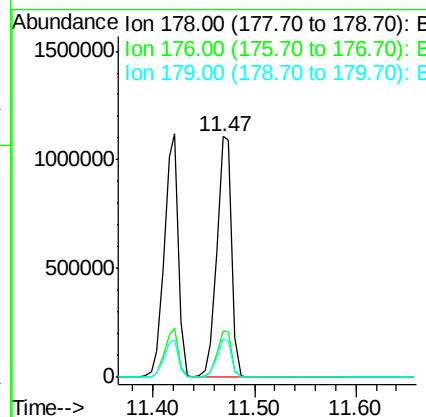
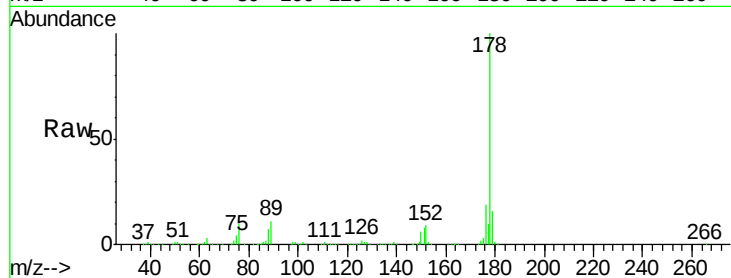




#71
 Anthracene
 Concen: 43.73 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

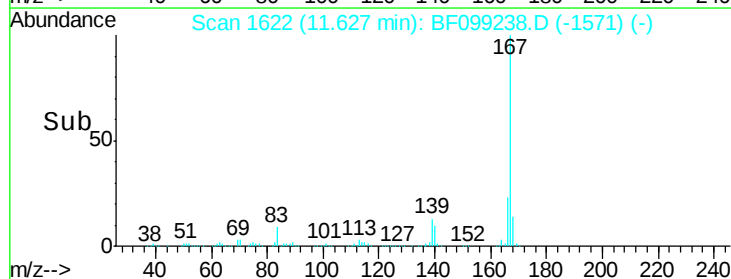
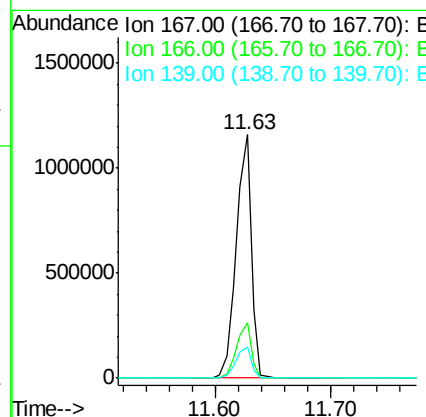
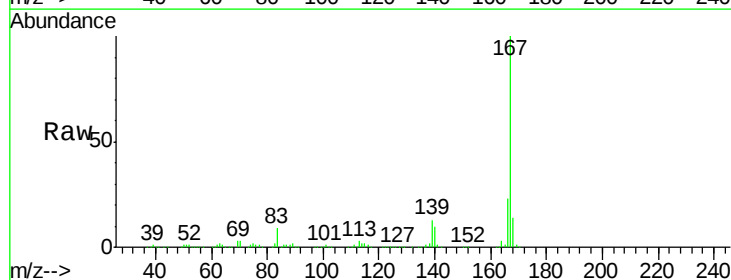
Instrument :
 BNA_F
 ClientSampled :

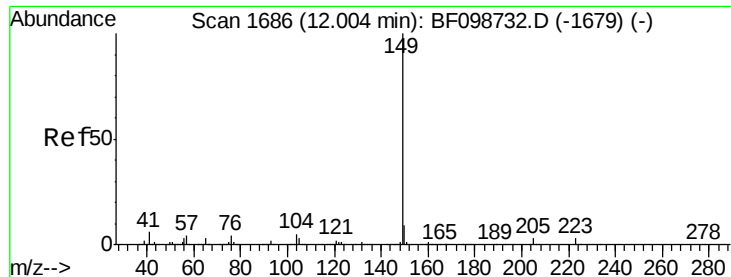
Tot Ion:178 Resp: 1121737
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 42.02 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:167 Resp: 1055372
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.54 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

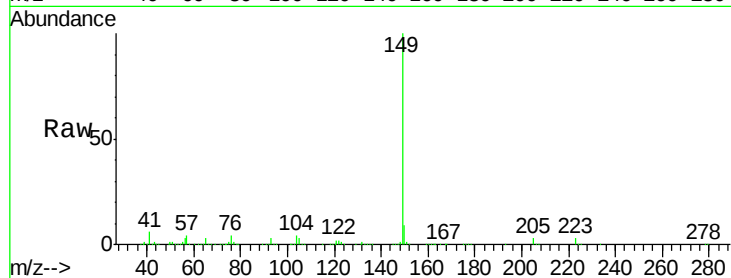
Tot Ion:149 Resp: 1255831

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

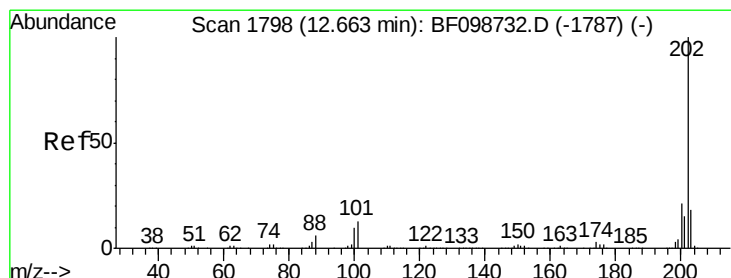
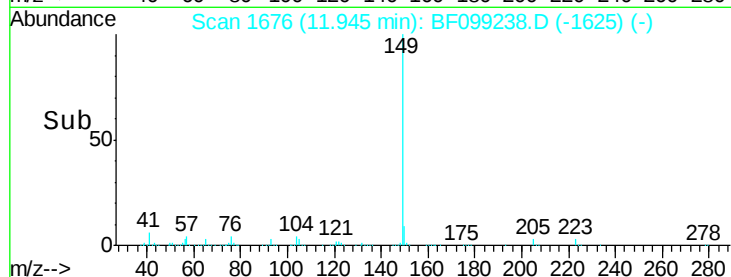
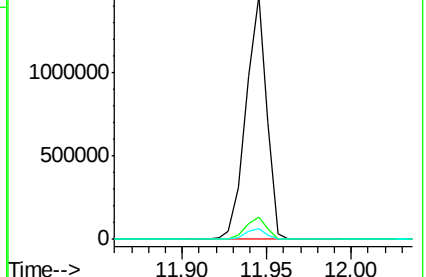
104 4.4 3.8 5.8



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: 43.80 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

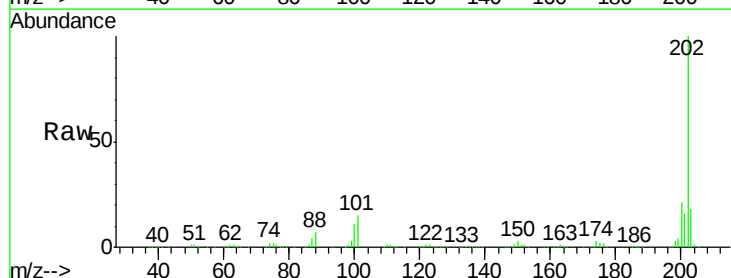
Tgt Ion:202 Resp: 1111891

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

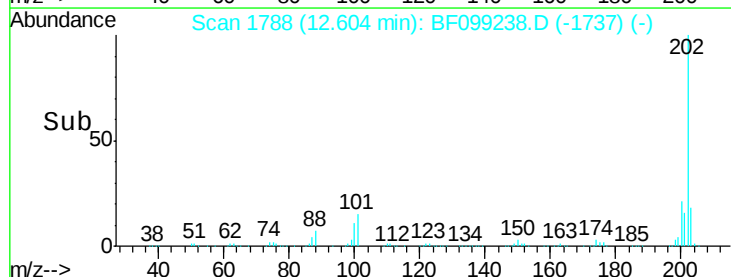
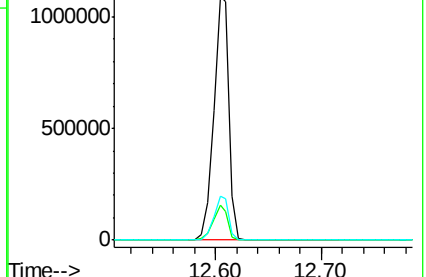
203 18.1 0.0 38.1

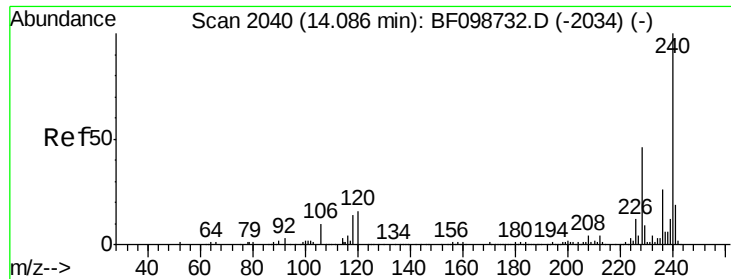


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

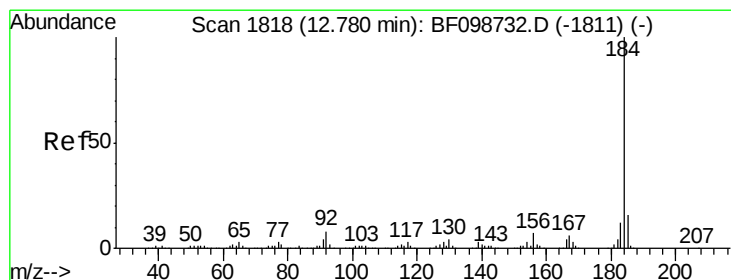
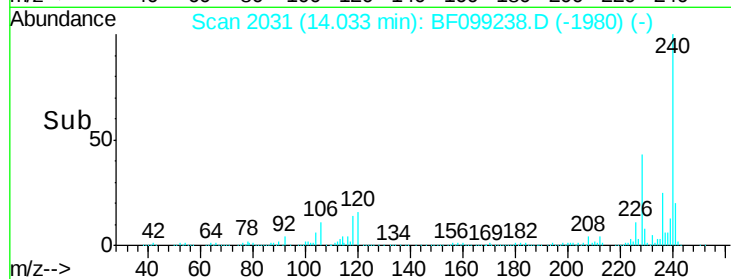
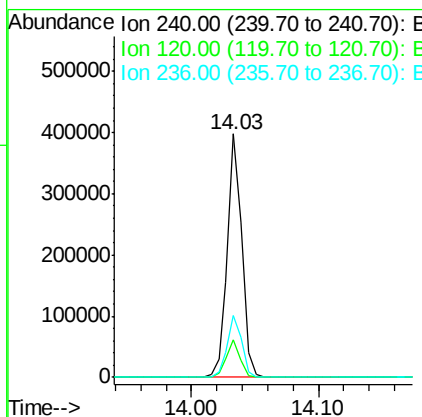
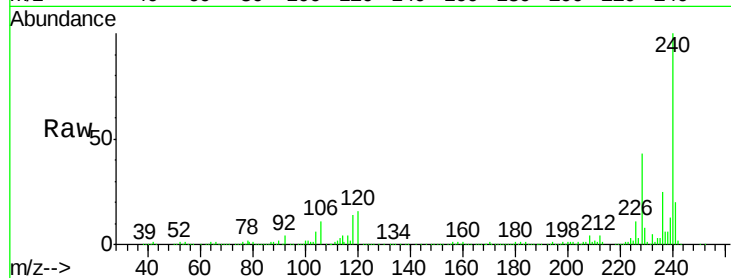




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

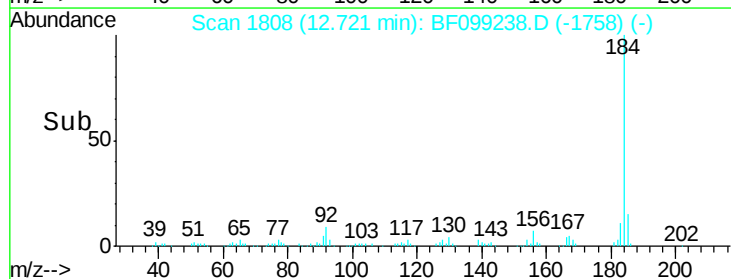
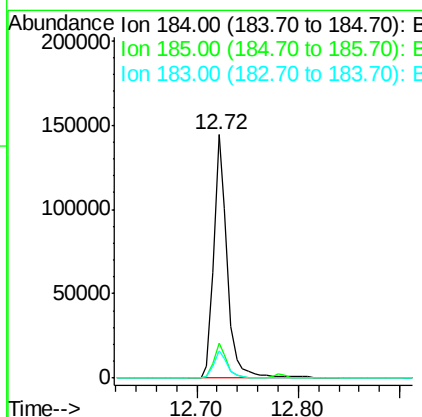
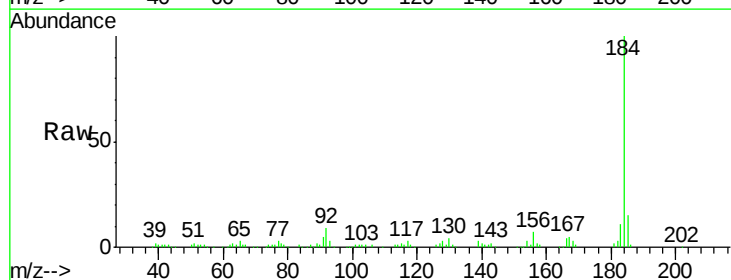
Instrument :
 BNA_F
 ClientSampleId :

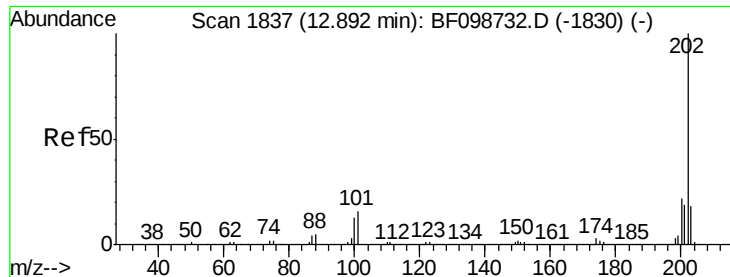
Tot Ion:240 Resp: 316914
 Ion Ratio Lower Upper
 240 100
 120 15.6 9.5 14.3#
 236 25.4 20.7 31.1



#76
 Benzidine
 Concen: 11.50 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:184 Resp: 134746
 Ion Ratio Lower Upper
 184 100
 185 14.6 12.6 18.8
 183 11.2 9.3 13.9

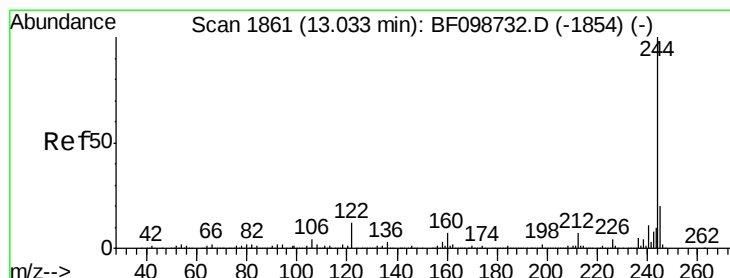
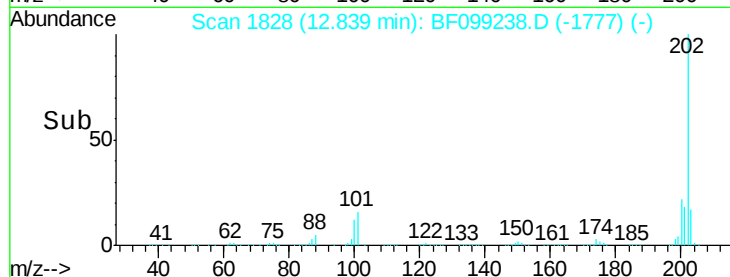
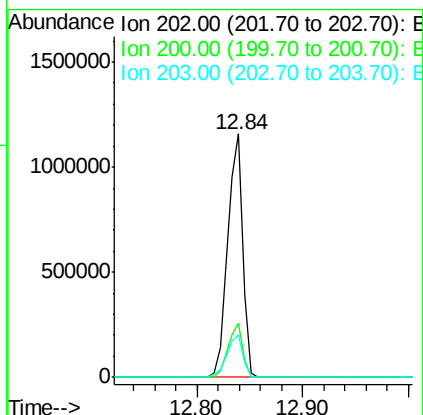
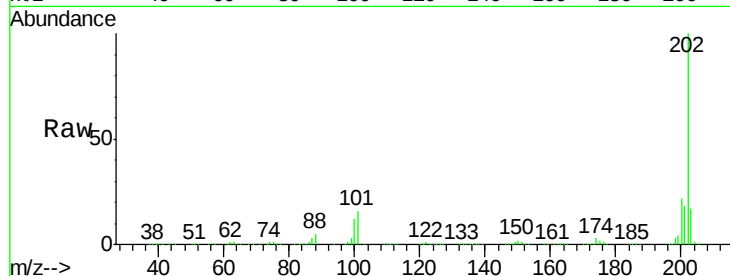




#77
 Pvrene
 Concen: 47.04 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

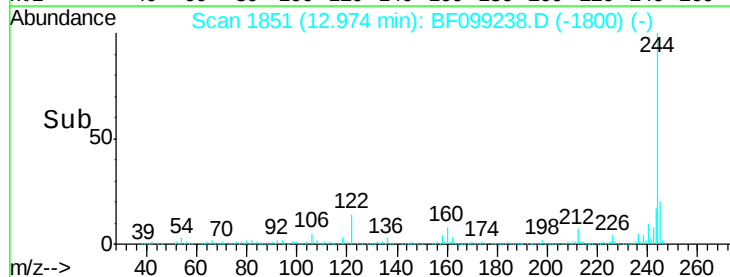
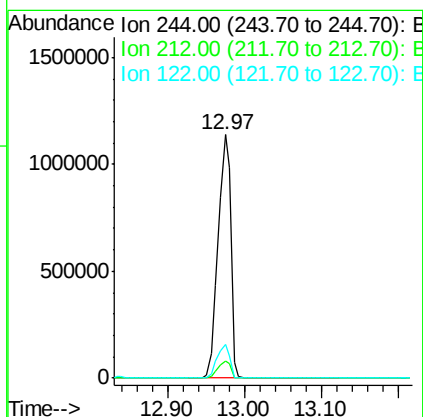
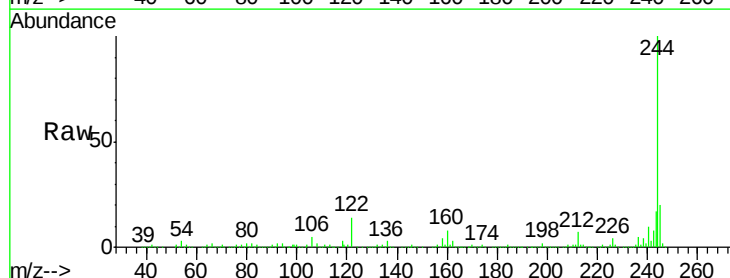
Instrument :
 BNA_F
 ClientSampleId :

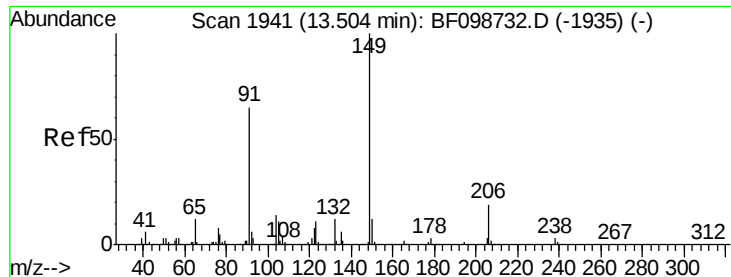
Tot Ion:202 Resp: 1136651
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 92.00 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:244 Resp: 1282070
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.0 11.0 16.4

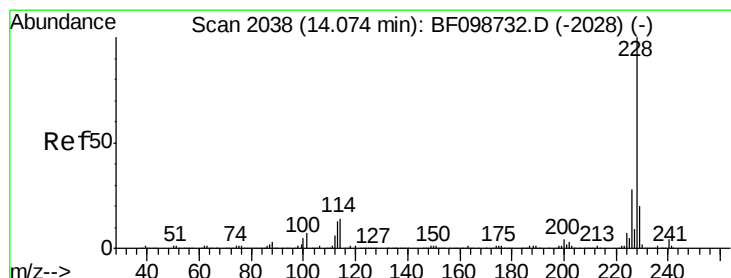
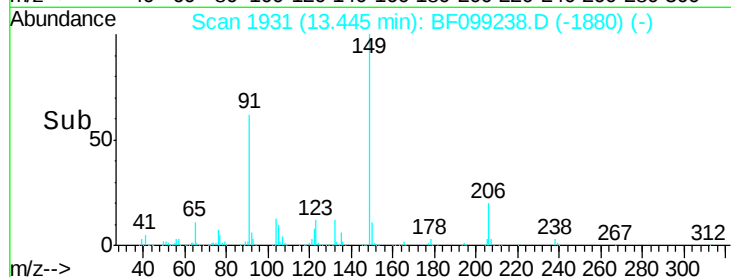
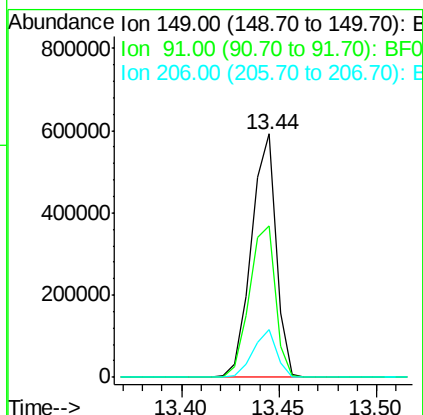
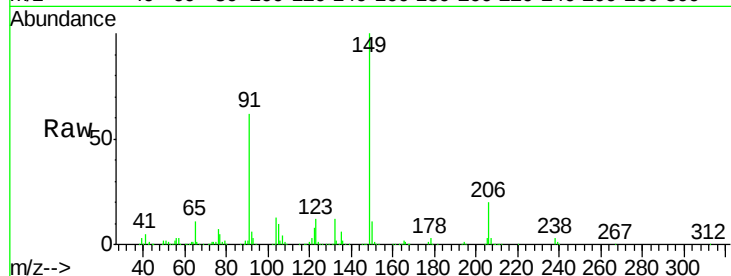




#79
Butylbenzylphthalate
Concen: 45.84 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

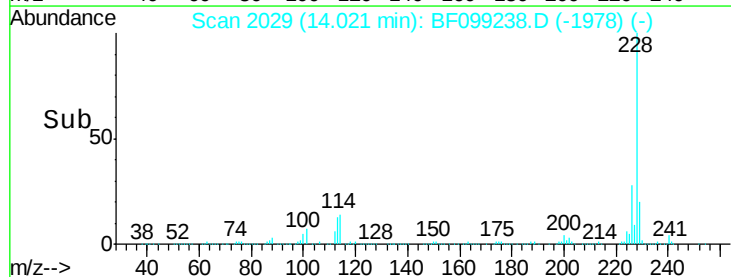
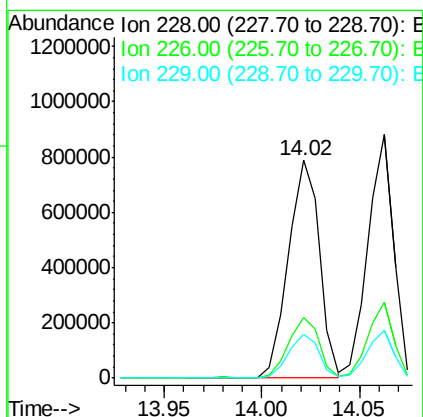
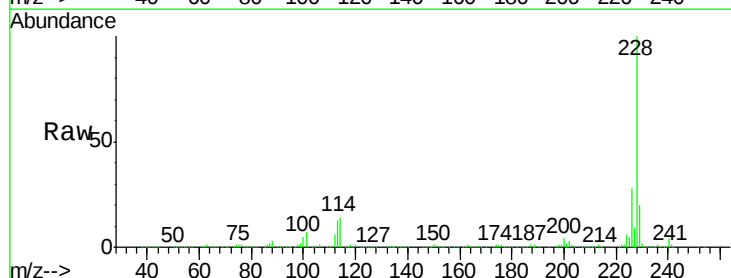
Instrument :
BNA_F
ClientSampleId :

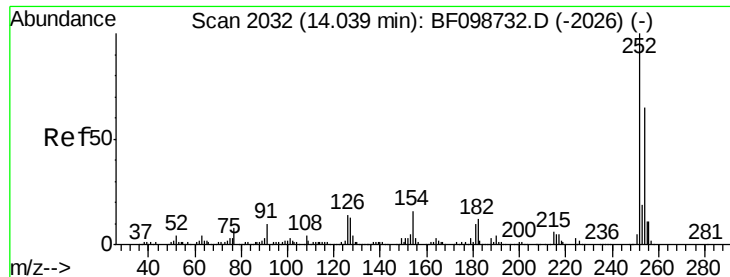
Tot Ion:149 Resp: 520598
Ion Ratio Lower Upper
149 100
91 62.2 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 45.13 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:228 Resp: 865969
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.4 15.8 23.6

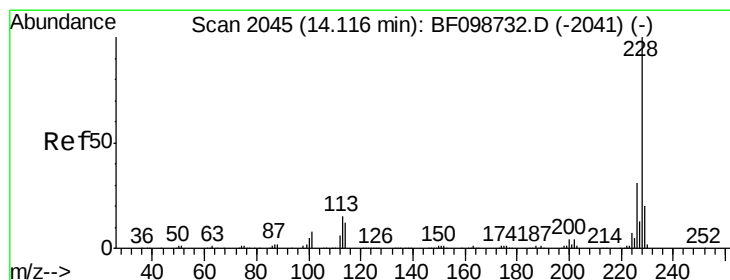
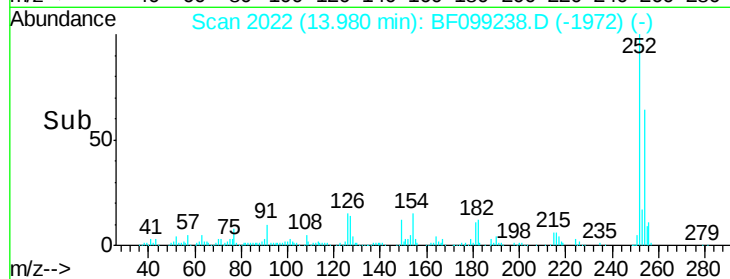
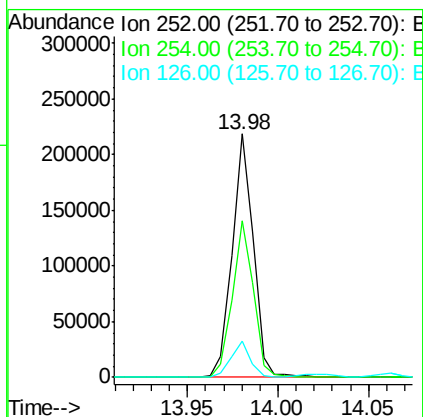
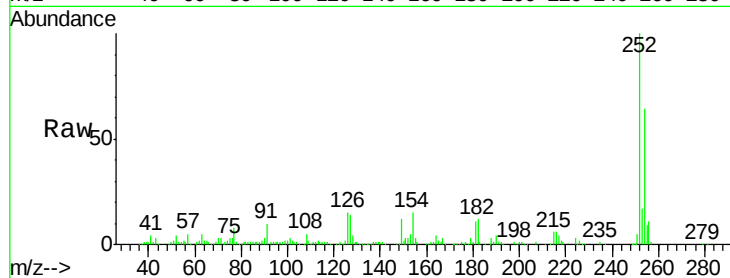




#81
 3,3'-Dichlorobenzidine
 Concen: 25.43 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

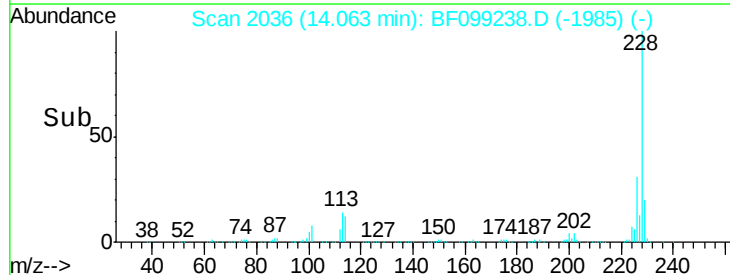
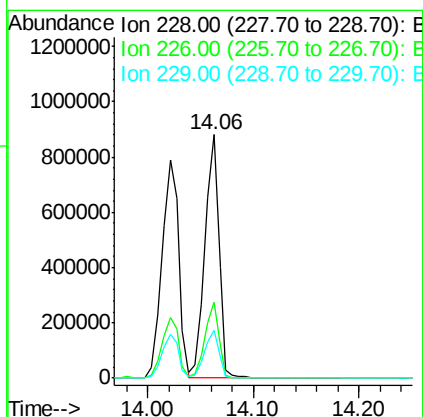
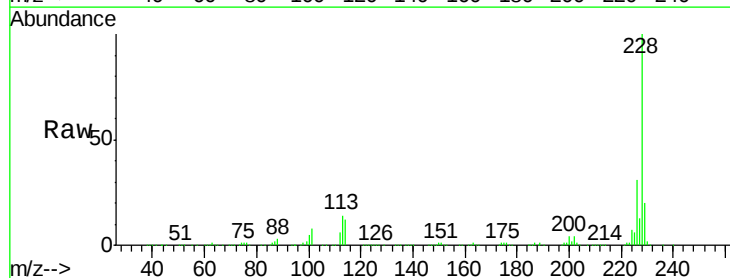
Instrument :
 BNA_F
 ClientSampled :

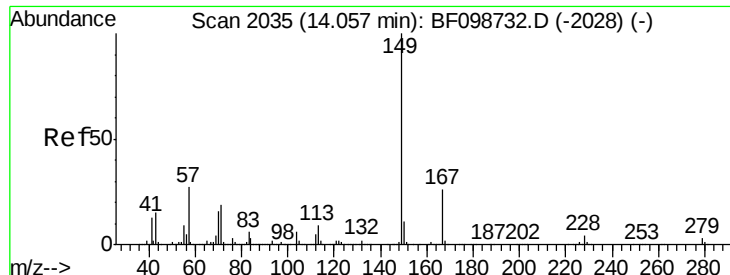
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	14.9	11.3	16.9



#82
 Chrysene
 Concen: 44.58 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.02 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

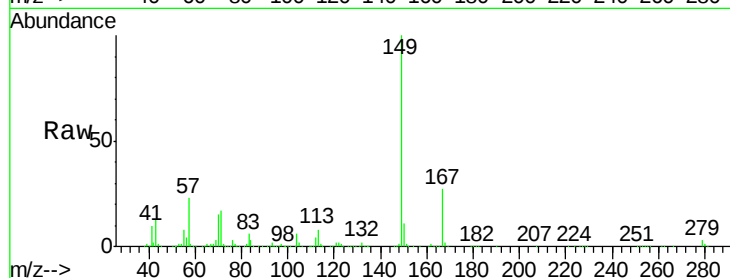
Tot Ion:149 Resp: 672836

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.2 3.0 4.4



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

1000000

800000

600000

400000

200000

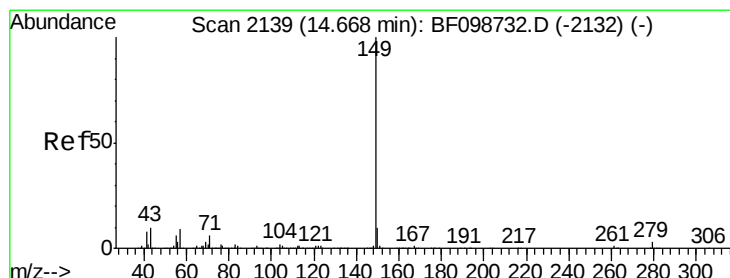
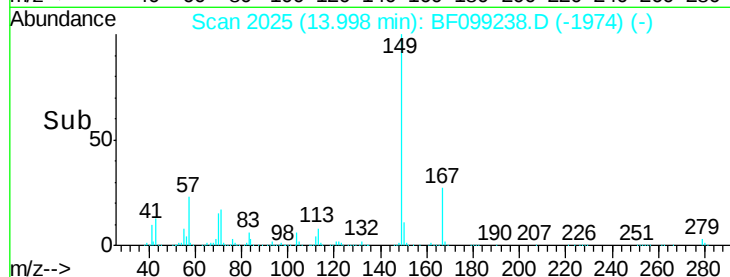
0

13.95

14.00

14.05

Time-->



#84

Di-n-octyl phthalate

Concen: 39.60 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

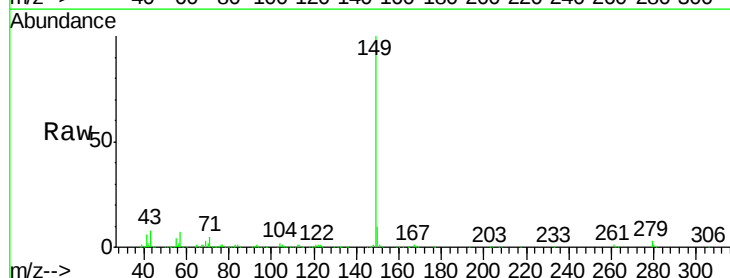
Tgt Ion:149 Resp: 997140

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

1000000

500000

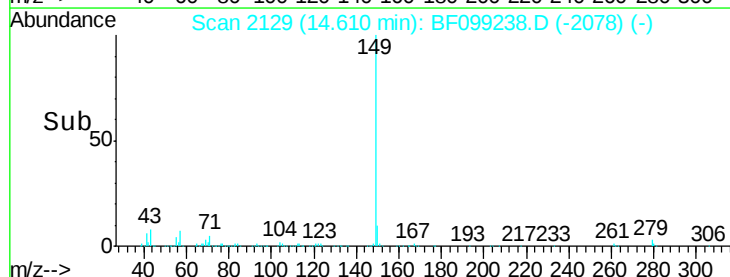
0

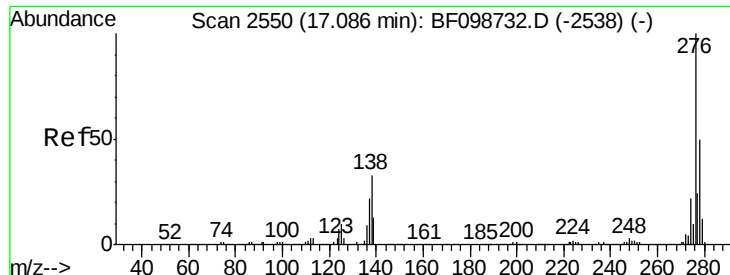
14.50

14.61

14.70

Time-->

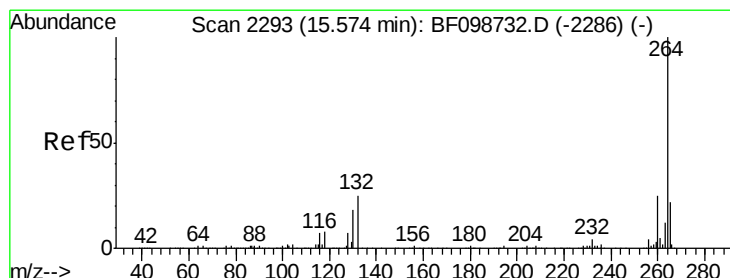
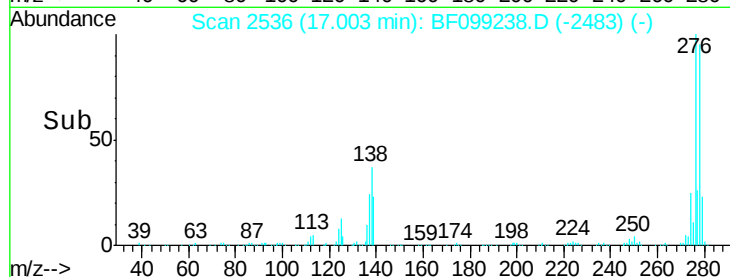
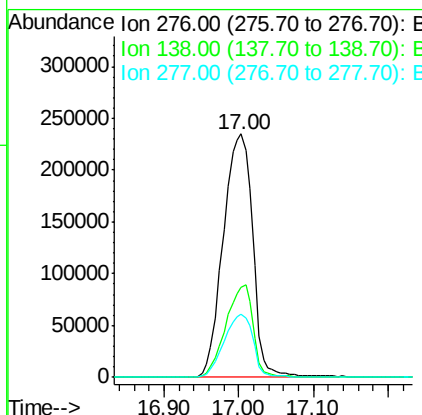
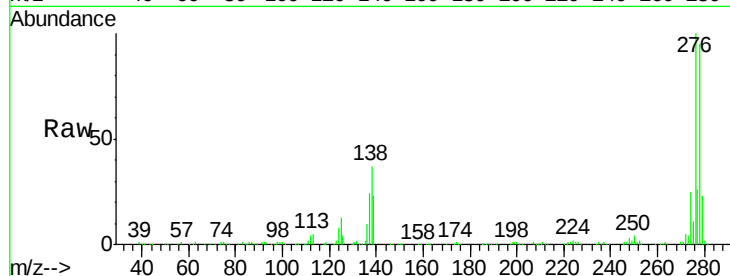




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.26 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

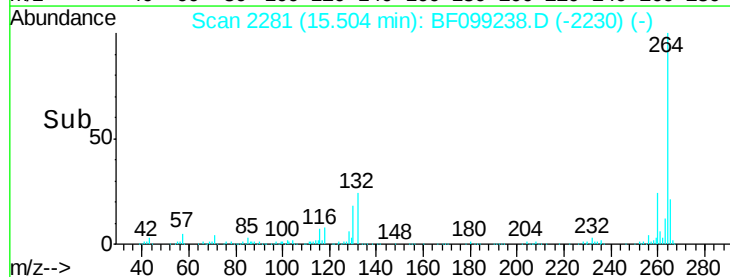
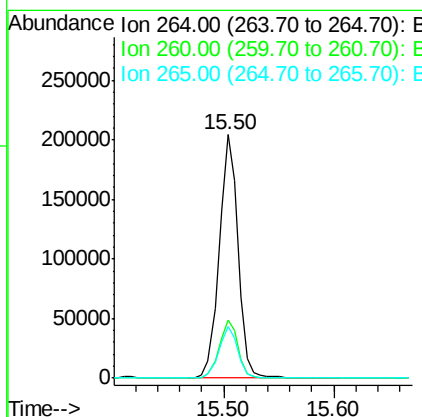
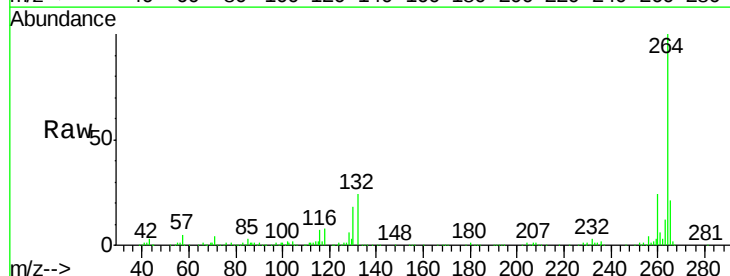
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 646906
 Ion Ratio Lower Upper
 276 100
 138 35.3 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:264 Resp: 242761
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 17.5 26.3

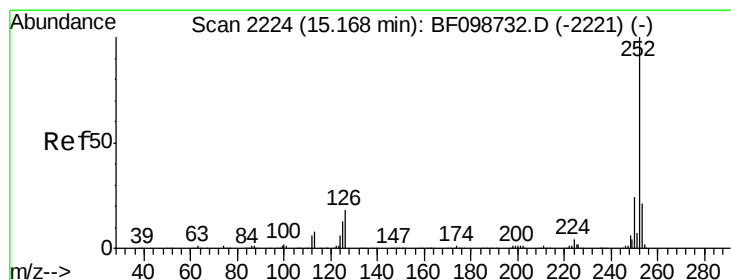
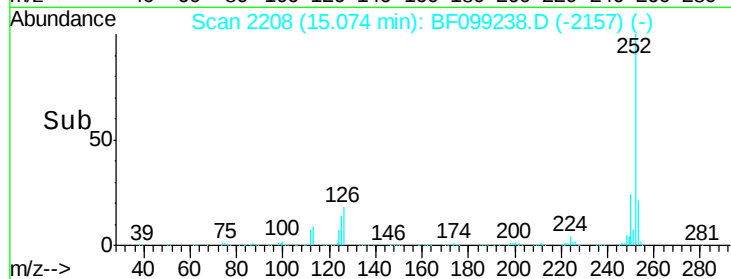
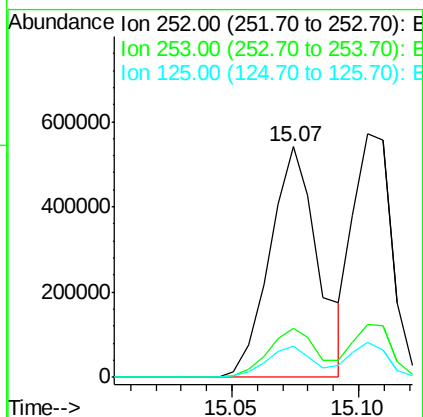
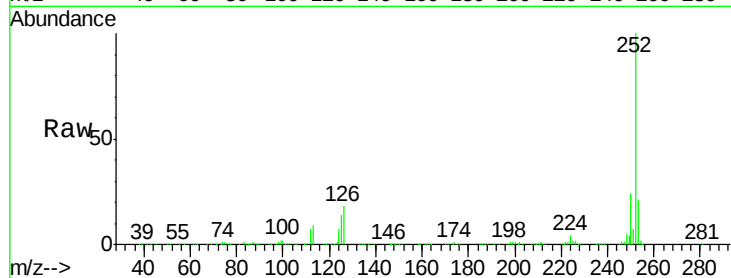




#87
Benzo(b)fluoranthene
Concen: 48.39 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

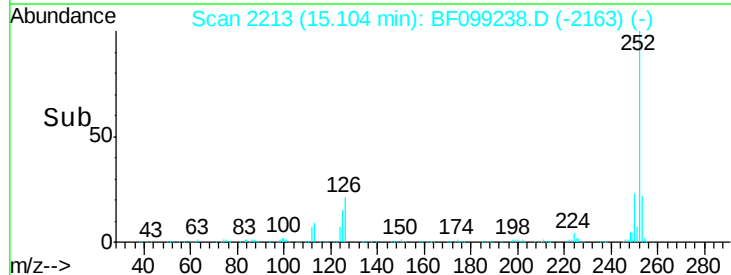
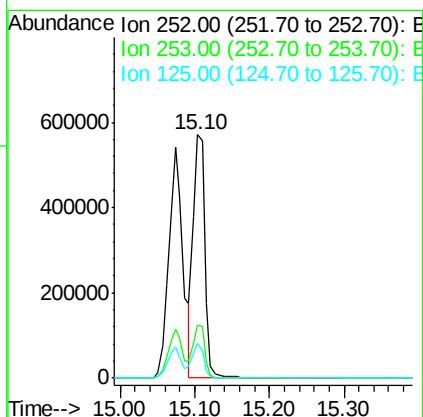
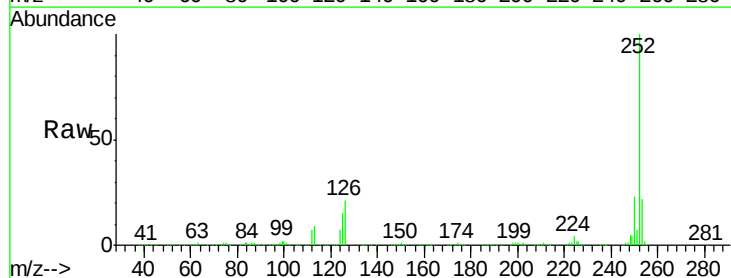
Instrument :
BNA_F
ClientSampleId :

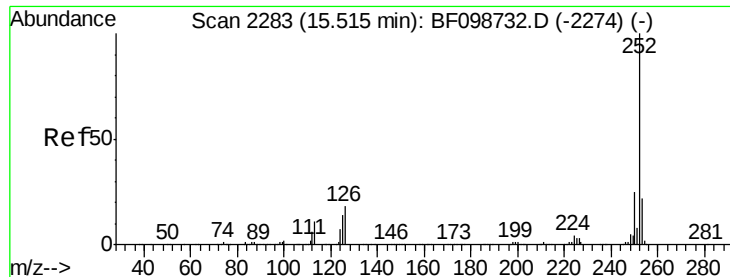
Tot Ion:252 Resp: 722267
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 13.8 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 42.11 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:252 Resp: 620743
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 14.6 10.2 15.2

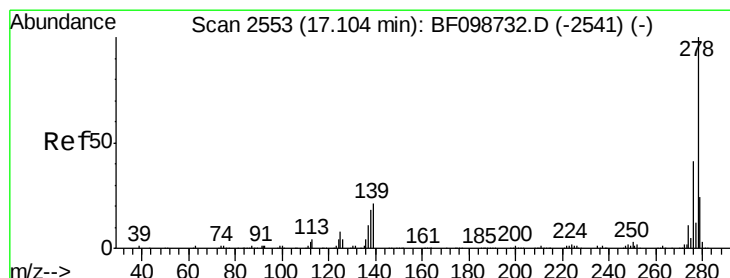
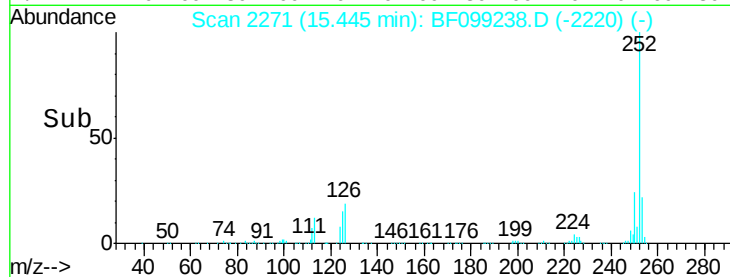
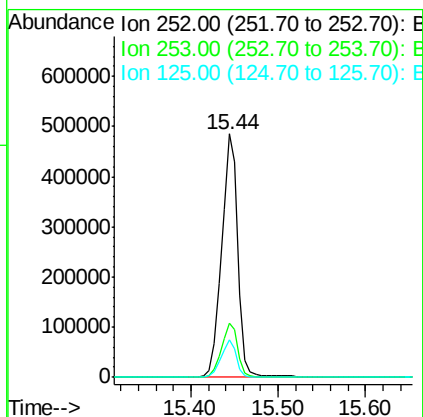
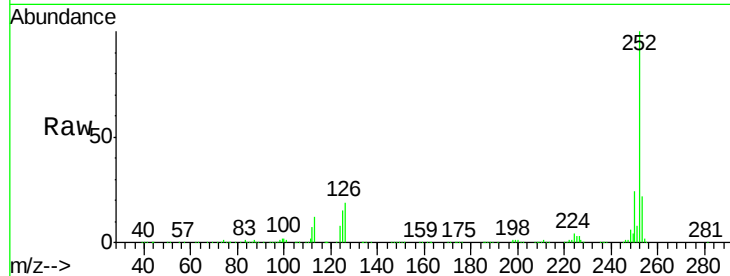




#89
Benzo(a)pyrene
Concen: 45.60 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

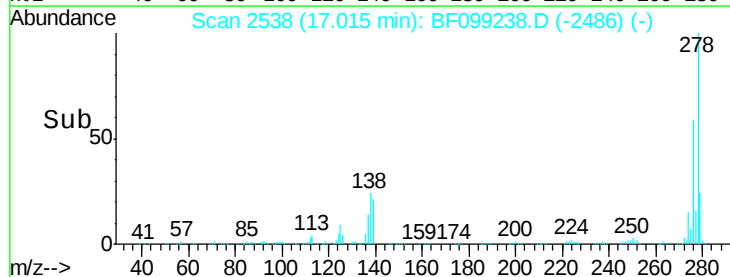
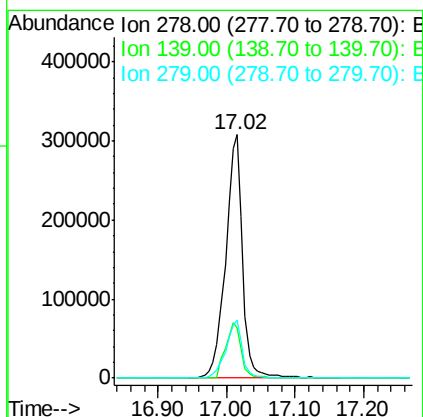
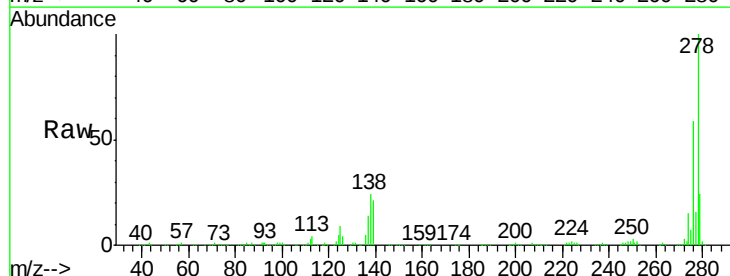
Instrument :
BNA_F
ClientSampleId :

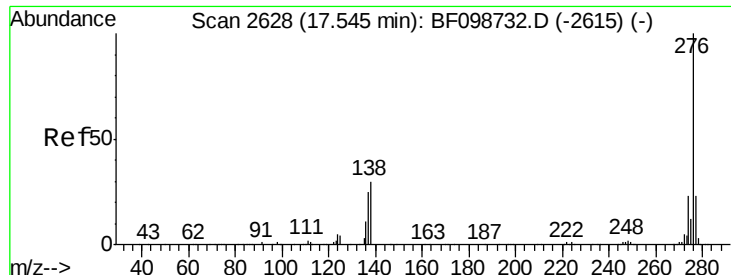
Tot Ion:252 Resp: 624814
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 15.3 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 48.38 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:278 Resp: 530497
Ion Ratio Lower Upper
278 100
139 20.8 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 52.19 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

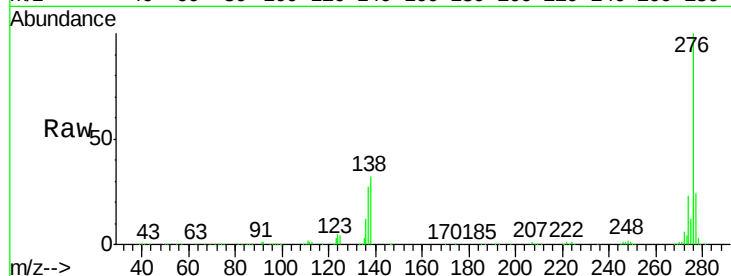
Tot Ion:276 Resp: 565627

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 31.8 21.8 32.8



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

