

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099798.D
 Acq On : 24 Oct 2017 19:56
 Operator : SJ/JU
 Sample : I5956-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:37:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	82701	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	332461	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	144311	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	208322	20.00	ng	0.00
75) Chrysene-d12	13.98	240	147152	20.00	ng	0.00
86) Perylene-d12	15.45	264	145322	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	489640	92.95	ng	0.01
7) Phenol-d6	6.45	99	575149	92.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	326532	63.23	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	101947	77.52	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	619647	66.25	ng	0.00
78) Terphenyl-d14	12.92	244	380117	56.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	52078	22.39	ng	# 91
3) Pyridine	3.37	79	119036	21.28	ng	89
4) n-Nitrosodimethylamine	3.29	42	53377	26.71	ng	# 72
6) Aniline	6.47	93	169782	20.96	ng	97
8) 2-Chlorophenol	6.59	128	161994	28.85	ng	93
9) Benzaldehyde	6.36	77	89601	24.01	ng	90
10) Phenol	6.46	94	198946	29.01	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	148258	28.00	ng	96
12) 1,3-Dichlorobenzene	6.75	146	169083	26.82	ng	96
13) 1,4-Dichlorobenzene	6.82	146	171382	26.79	ng	97
14) 1,2-Dichlorobenzene	6.97	146	161360	27.67	ng	96
15) Benzyl Alcohol	6.95	79	114264	28.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	187224	31.83	ng	54
17) 2-Methylphenol	7.07	107	127720	27.20	ng	96
18) Hexachloroethane	7.31	117	51013	23.90	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	98290	26.85	ng	90
20) 3+4-Methylphenols	7.22	107	166743	30.49	ng	# 72
22) Acetophenone	7.22	105	208767	27.58	ng	# 96
24) Nitrobenzene	7.39	77	149133	28.66	ng	94
25) Isophorone	7.63	82	278647	29.74	ng	97
26) 2-Nitrophenol	7.71	139	74120	24.87	ng	# 87
27) 2,4-Dimethylphenol	7.75	122	137639	31.35	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	184379	28.10	ng	98
29) 2,4-Dichlorophenol	7.96	162	132755	29.10	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	135496	27.80	ng	97
31) Naphthalene	8.11	128	447054	27.86	ng	99
32) Benzoic acid	7.75	122	137639	35.61	ng	# 12
33) 4-Chloroaniline	8.16	127	136057	20.53	ng	96
34) Hexachlorobutadiene	8.22	225	65961	26.31	ng	100
35) Caprolactam	8.53	113	37245	25.96	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	131270	28.20	ng	99
37) 2-Methylnaphthalene	8.80	142	304873	28.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	123385	26.47	ng	# 97
40) Hexachlorocyclopentadiene	8.95	237	1422	11.84	ng	94

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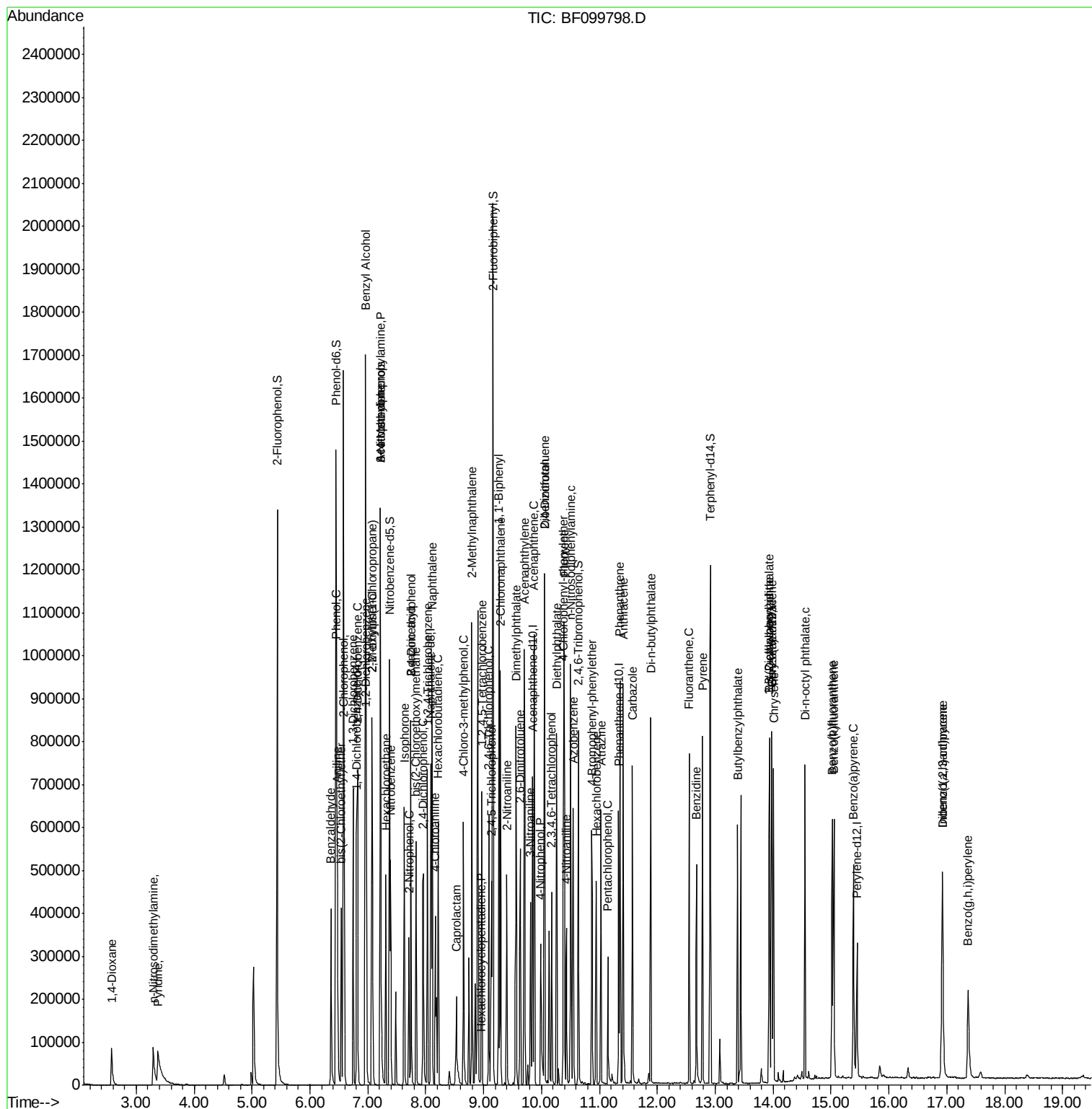
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42) 2,4,6-Trichlorophenol	9.09	196	82150	29.14	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	84369	28.20	nq	94
45) 1,1'-Biphenyl	9.26	154	351755	26.94	nq	98
46) 2-Chloronaphthalene	9.29	162	268139	28.28	nq	96
47) 2-Nitroaniline	9.40	65	70519	28.34	nq	# 80
48) Acenaphthylene	9.70	152	396241	27.13	nq	99
49) Dimethylphthalate	9.56	163	329653	28.85	nq	100
50) 2,6-Dinitrotoluene	9.63	165	64787	26.97	nq	92
51) Acenaphthene	9.87	154	231813	25.98	nq	98
52) 3-Nitroaniline	9.81	138	71849	25.38	nq	# 87
54) Dibenzofuran	10.05	168	345292	27.42	nq	96
55) 4-Nitrophenol	9.99	139	64913	43.89	nq	83
56) 2,4-Dinitrotoluene	10.05	165	76235	26.35	nq	# 96
57) Fluorene	10.39	166	266046	25.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	53977	25.73	nq	94
59) Diethylphthalate	10.26	149	298126	26.71	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	129387	26.36	nq	93
61) 4-Nitroaniline	10.43	138	66982	24.80	nq	82
62) Azobenzene	10.54	77	250912	26.82	nq	94
65) n-Nitrosodiphenylamine	10.50	169	239706	31.17	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	69478	31.68	nq	94
67) Hexachlorobenzene	10.95	284	63232	28.18	nq	# 89
68) Atrazine	11.03	200	68925	29.84	nq	98
69) Pentachlorophenol	11.15	266	36317	37.88	nq	97
70) Phenanthrene	11.36	178	325326	27.67	nq	97
71) Anthracene	11.41	178	335152	28.08	nq	99
72) Carbazole	11.57	167	300722	26.80	nq	98
73) Di-n-butylphthalate	11.89	149	410247	28.66	nq	97
74) Fluoranthene	12.55	202	287531	23.53	nq	97
76) Benzdine	12.67	184	198924	30.89	nq	98
77) Pyrene	12.78	202	293613	26.24	nq	98
79) Butylbenzylphthalate	13.39	149	139671	25.35	nq	89
80) Benzo(a)anthracene	13.97	228	256022	27.45	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	90558	26.74	nq	98
82) Chrysene	14.01	228	242180	27.61	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	201790	26.08	nq	100
84) Di-n-octyl phthalate	14.55	149	346702	26.11	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	210528	26.15	nq	96
87) Benzo(b)fluoranthene	15.02	252	243651	26.55	nq	98
88) Benzo(k)fluoranthene	15.05	252	252754	29.21	nq	98
89) Benzo(a)pyrene	15.39	252	236567	28.70	nq	# 95
90) Dibenzo(a,h)anthracene	16.93	278	185849	25.37	nq	98
91) Benzo(g,h,i)perylene	17.37	276	162972	22.74	nq	96

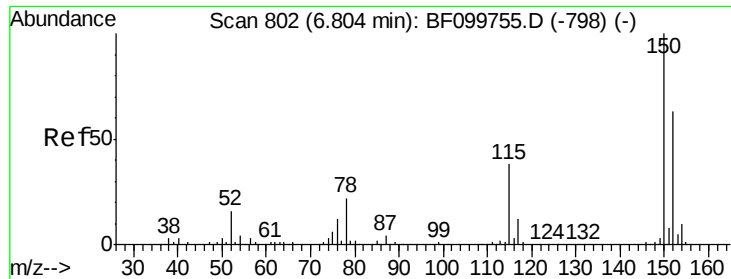
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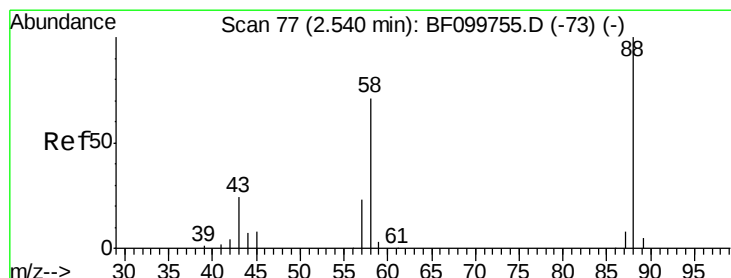
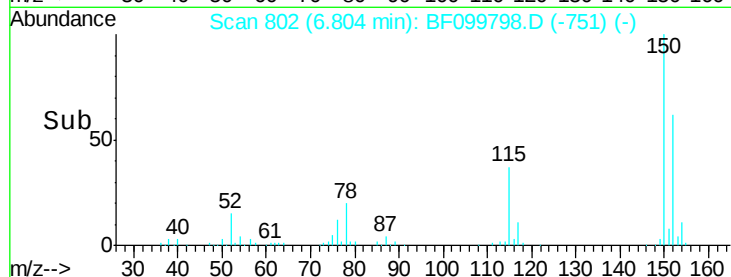
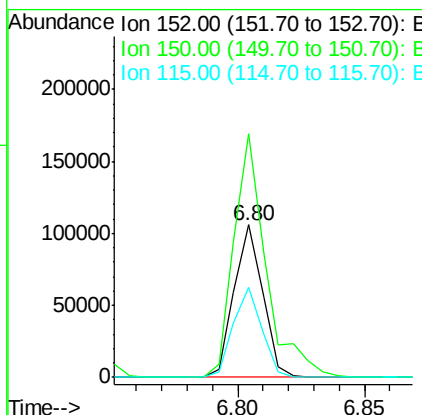
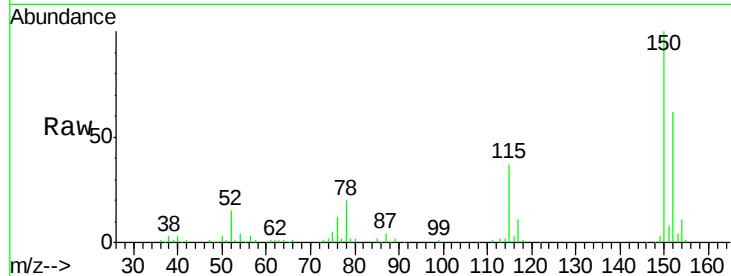


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Instrument :
BNA_F
ClientSampleId :

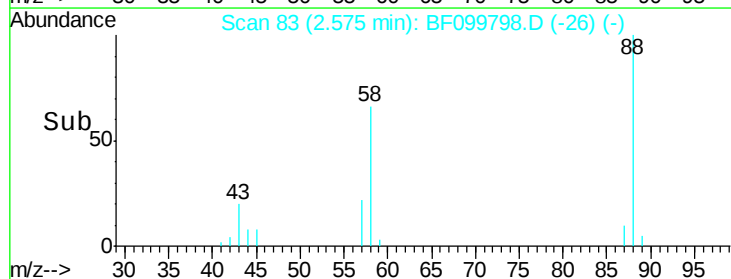
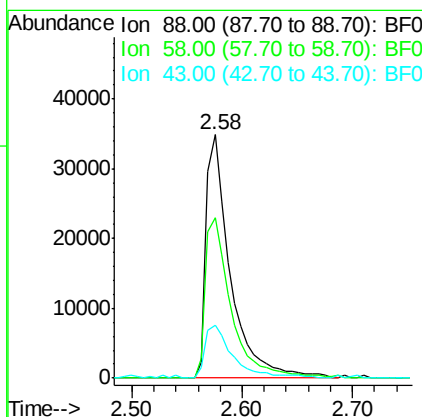
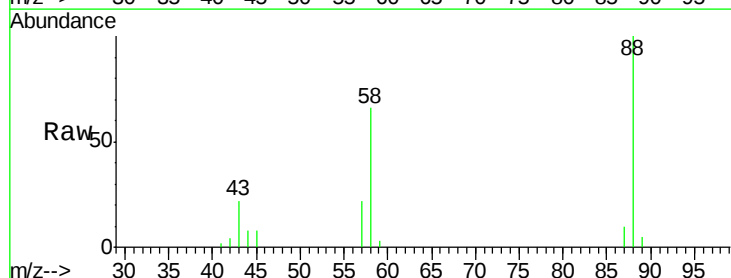
Tot Ion:152 Resp: 82701
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 59.3 50.1 75.1

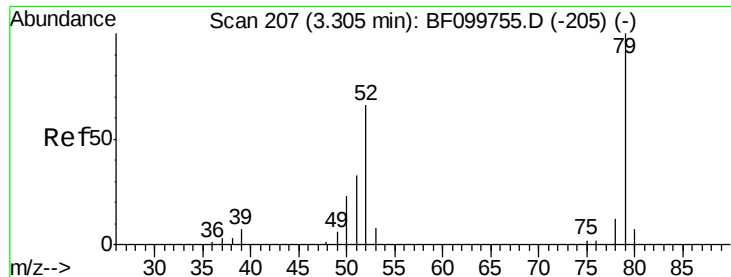


#2

1,4-Dioxane
Concen: 22.39 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.04 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion: 88 Resp: 52078
Ion Ratio Lower Upper
88 100
58 70.7 62.6 93.8
43 24.3 24.6 37.0#

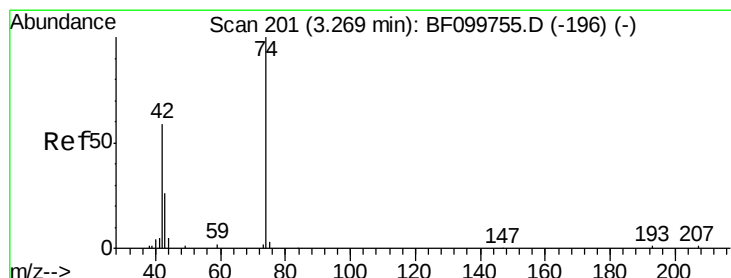
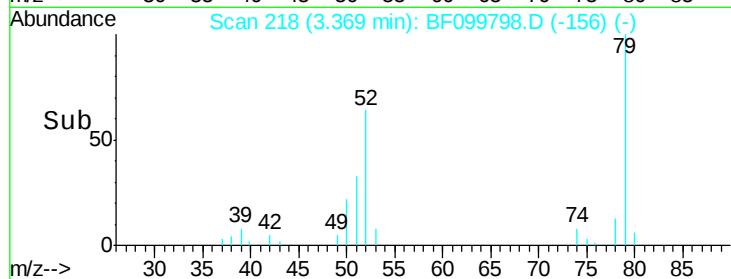
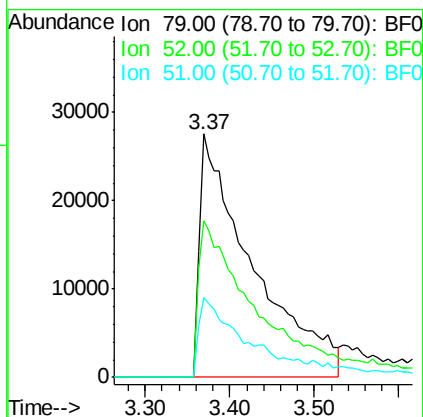
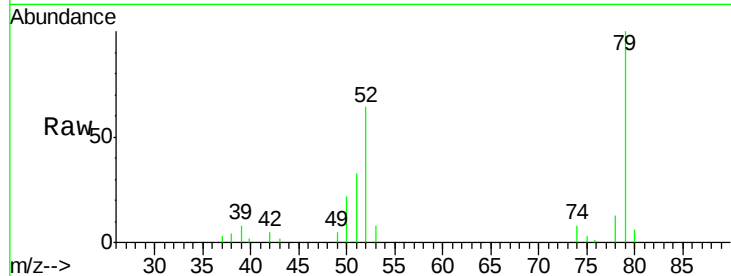




#3
 Pvridine
 Concen: 21.28 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.06 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

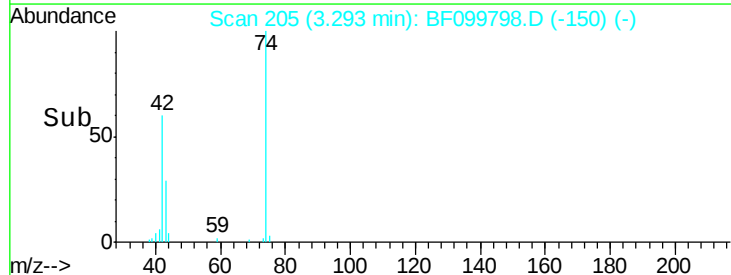
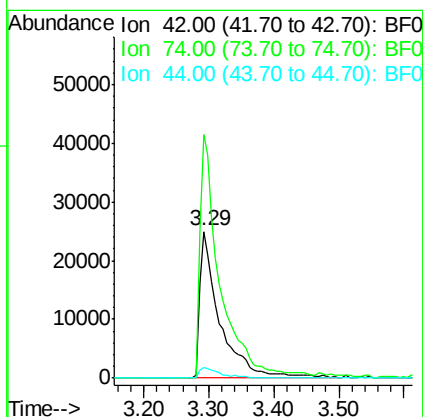
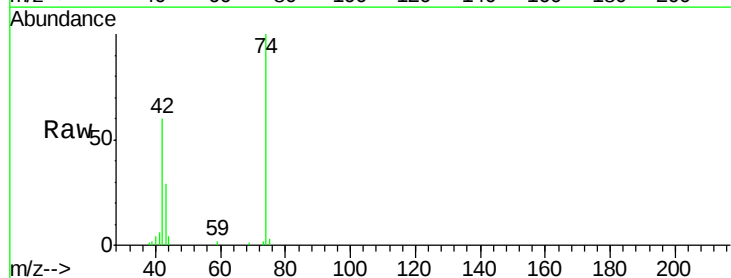
Instrument :
 BNA_F
 ClientSampleId :

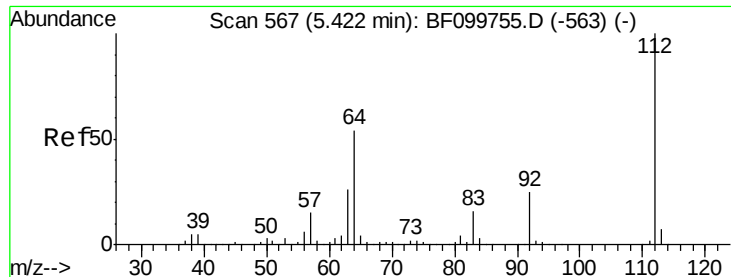
Tot Ion: 79 Resp: 119036
 Ion Ratio Lower Upper
 79 100
 52 64.3 59.8 89.6
 51 32.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 26.71 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.02 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion: 42 Resp: 53377
 Ion Ratio Lower Upper
 42 100
 74 166.2 104.9 157.3#
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 92.95 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampled :

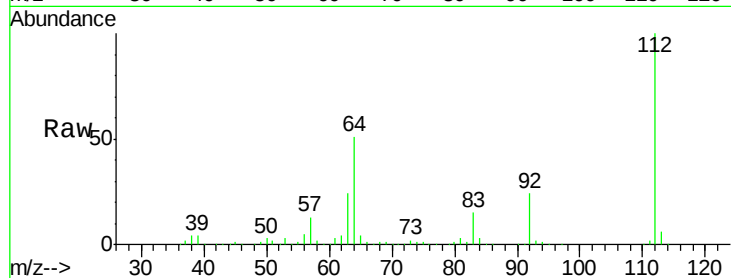
Tot Ion:112 Resp: 489640

Ion Ratio Lower Upper

112 100

64 50.6 47.9 71.9

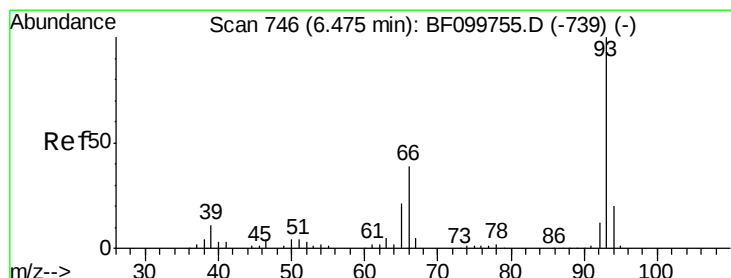
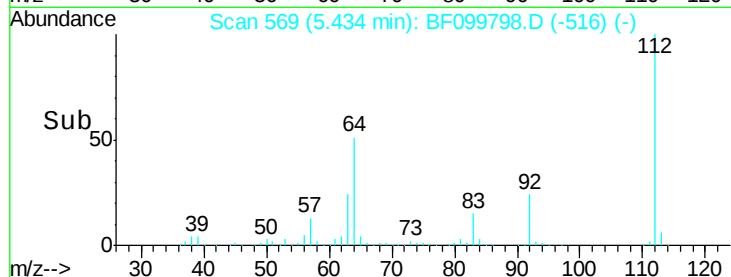
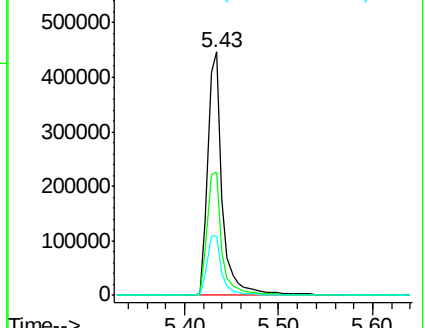
63 24.5 23.7 35.5



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: 20.96 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

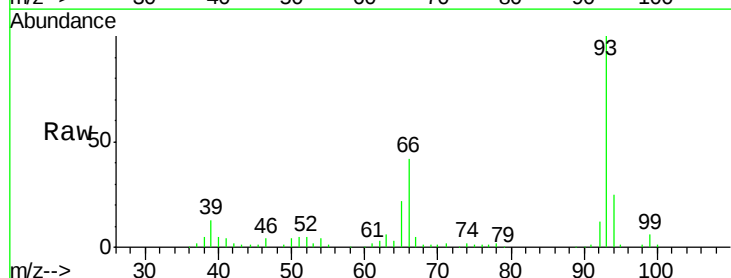
Tgt Ion: 93 Resp: 169782

Ion Ratio Lower Upper

93 100

66 42.2 32.2 48.2

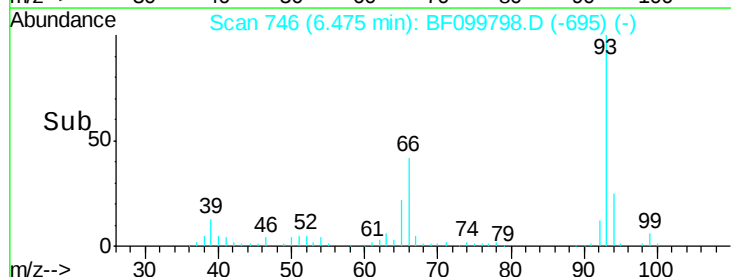
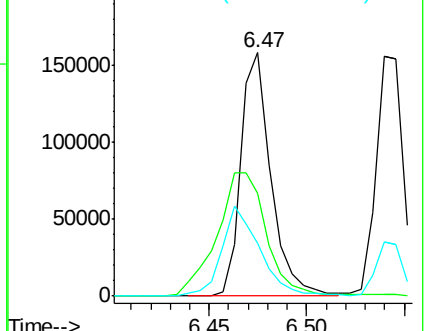
65 21.7 16.4 24.6

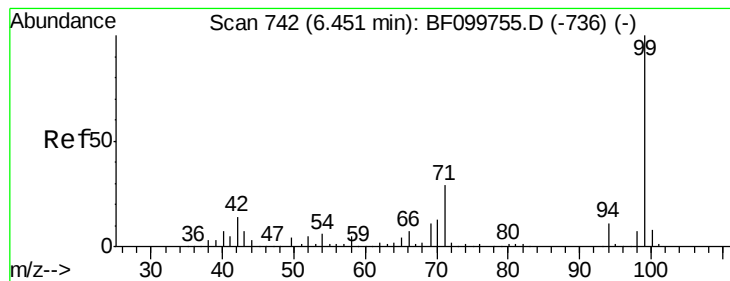


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.08 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

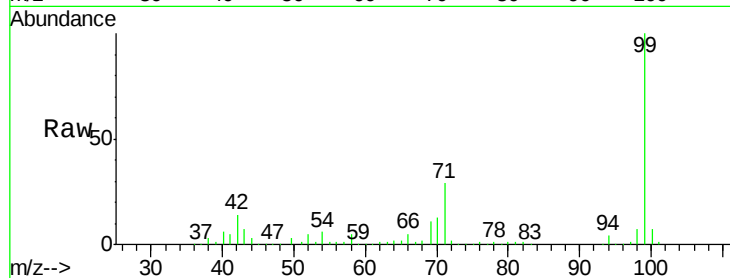
Instrument :

BNA_F

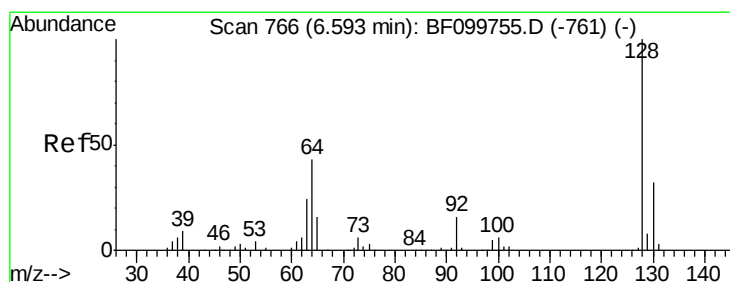
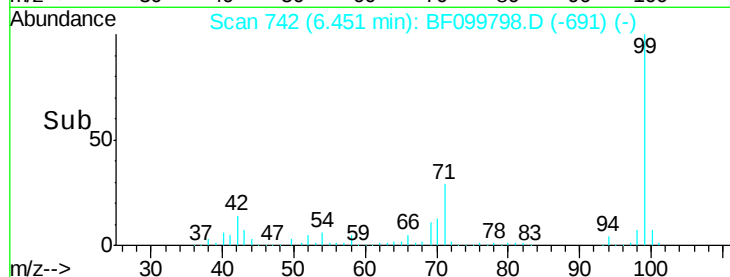
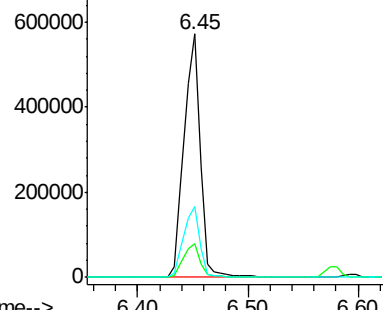
ClientSampleId :

Tot Ion: 99 Resp: 575149

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	29.3	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: 28.85 ng

RT: 6.59 min Scan# 766

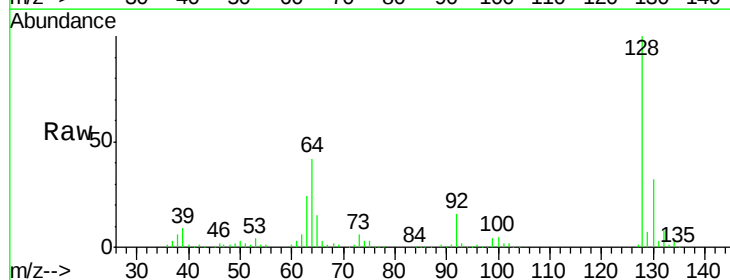
Delta R.T. -0.00 min

Lab File: BF099798.D

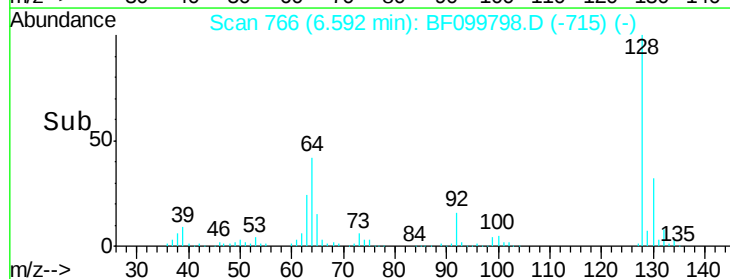
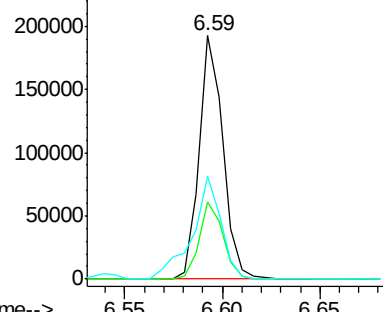
Acq: 24 Oct 2017 19:56

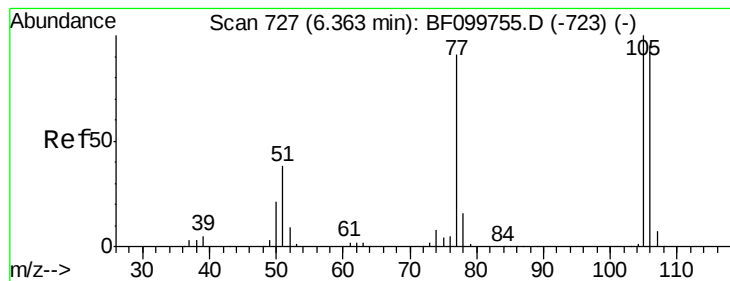
Tgt Ion: 128 Resp: 161994

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	42.2	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: 24.01 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampled :

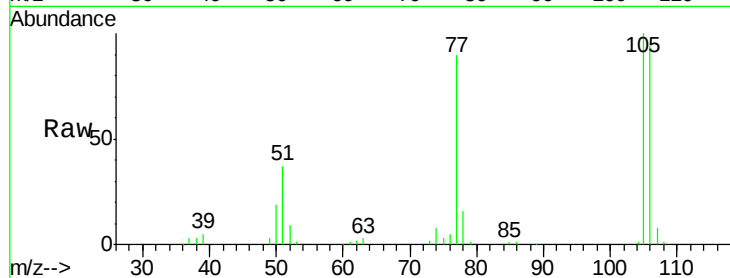
Tot Ion: 77 Resp: 89601

Ion Ratio Lower Upper

77 100

105 111.6 81.1 121.1

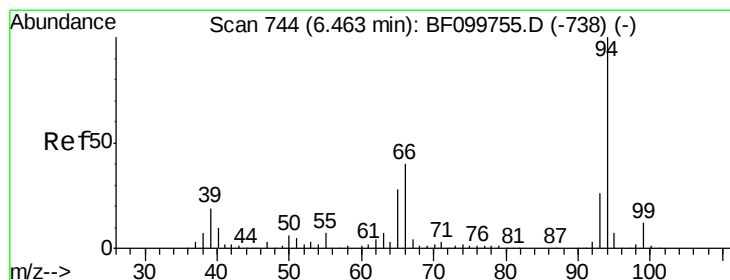
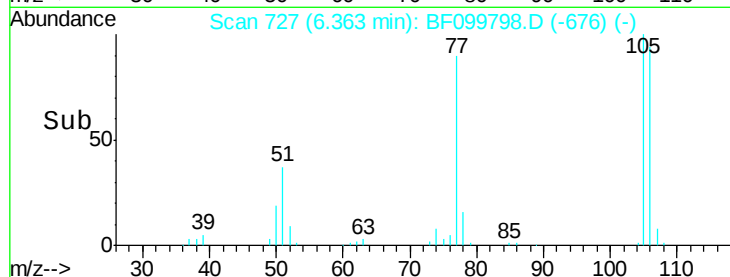
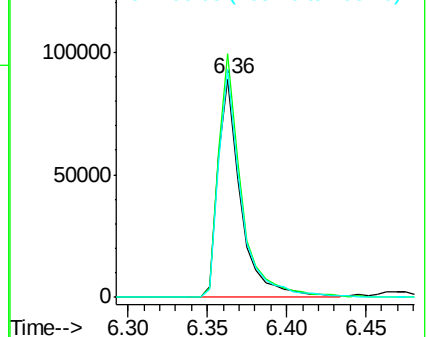
106 104.6 74.5 114.5



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: 29.01 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099798.D

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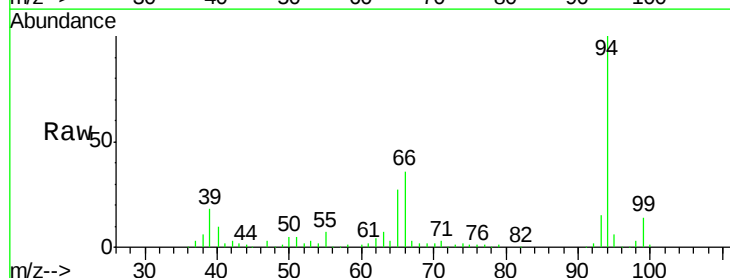
Tgt Ion: 94 Resp: 198946

Ion Ratio Lower Upper

94 100

65 26.6 7.9 47.9

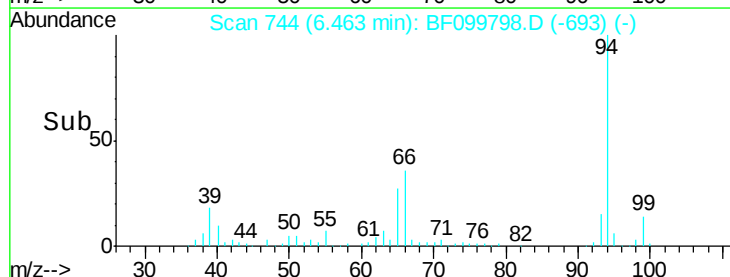
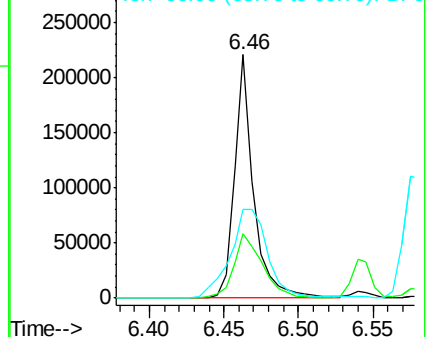
66 36.2 16.2 56.2

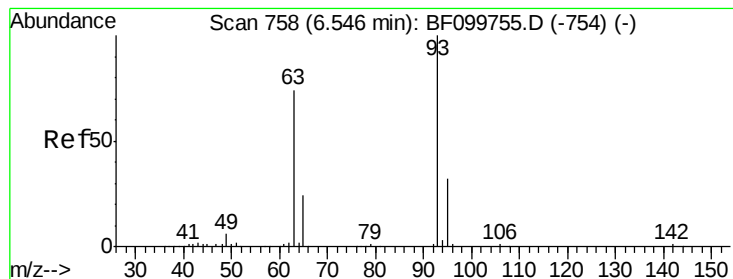


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

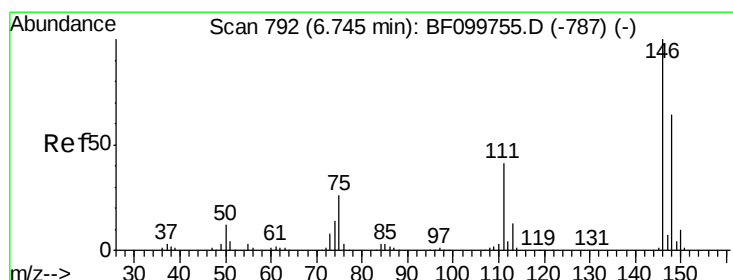
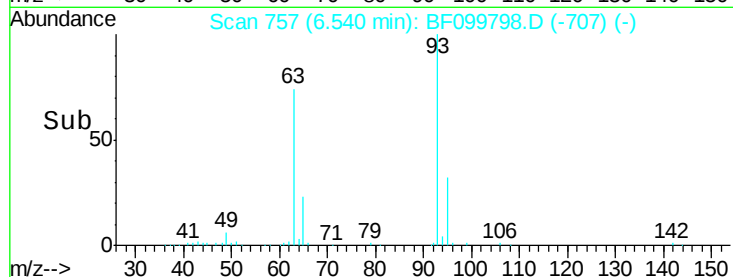
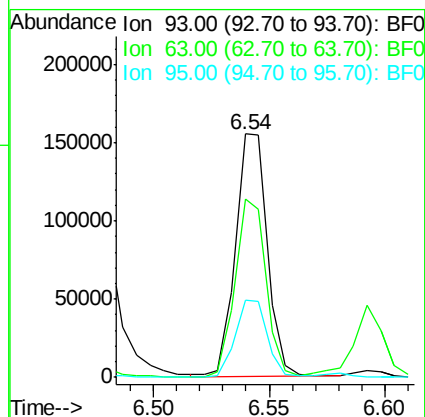
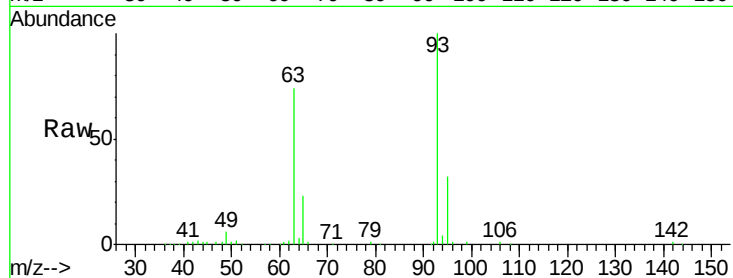




#11
 bis(2-Chloroethyl)ether
 Concen: 28.00 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

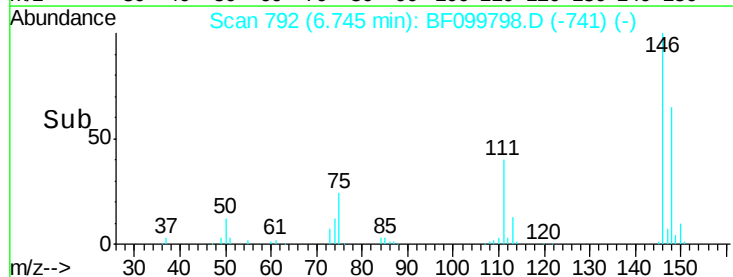
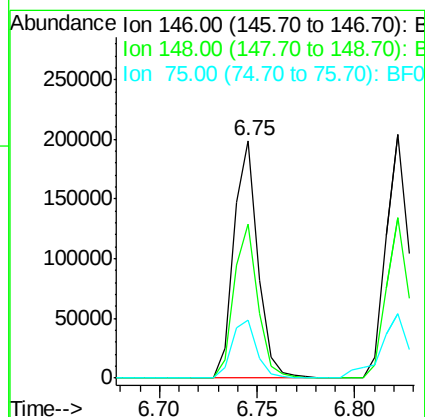
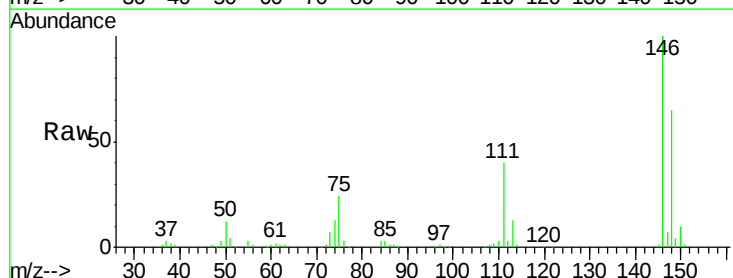
Instrument :
 BNA_F
 ClientSampleId :

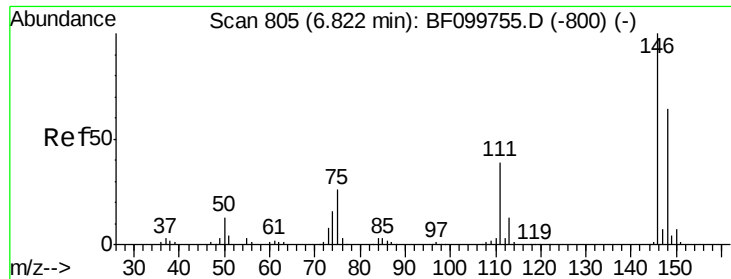
Tot Ion: 93 Resp: 148258
 Ion Ratio Lower Upper
 93 100
 63 73.5 58.6 98.6
 95 31.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 26.82 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion: 146 Resp: 169083
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.8
 75 24.5 24.2 36.4

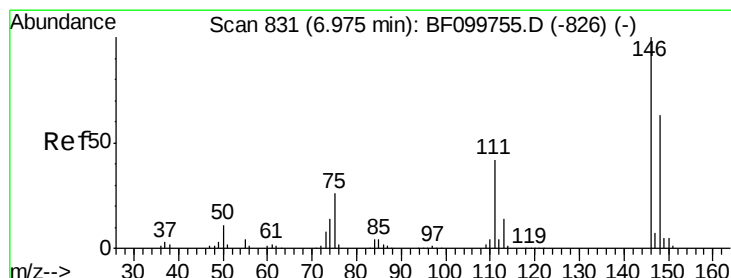
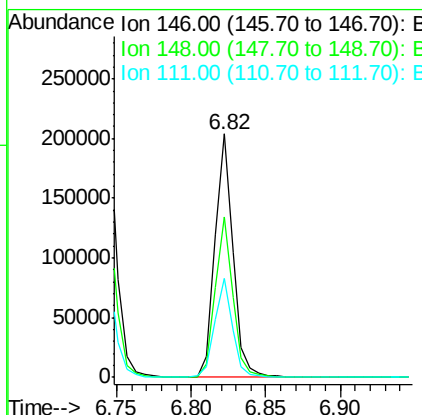
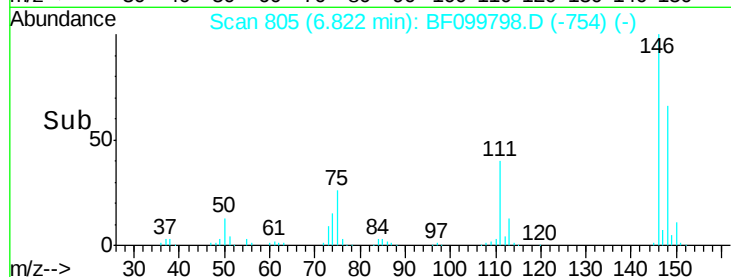
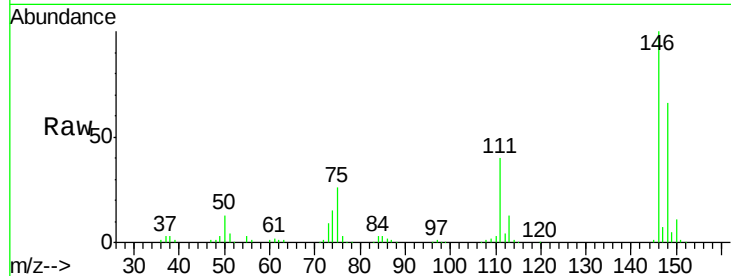




#13
 1,4-Dichlorobenzene
 Concen: 26.79 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

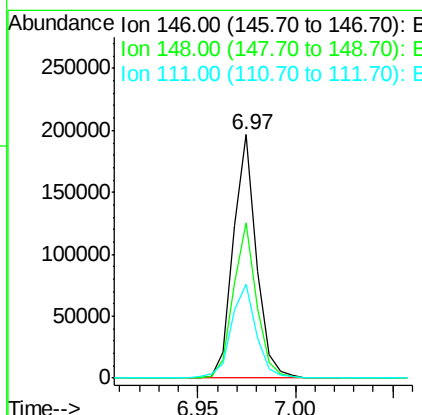
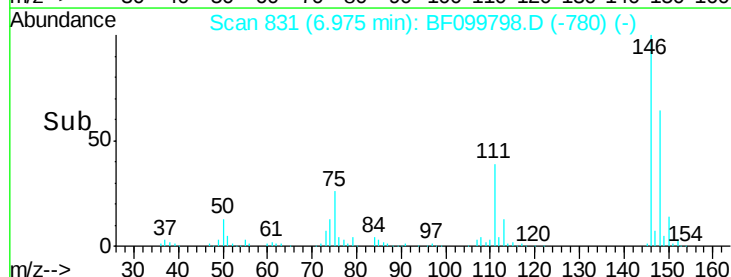
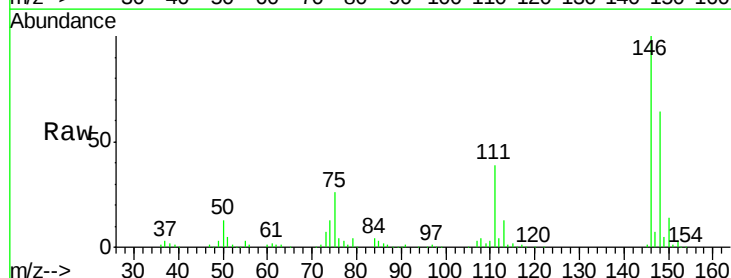
Instrument :
 BNA_F
 ClientSampled :

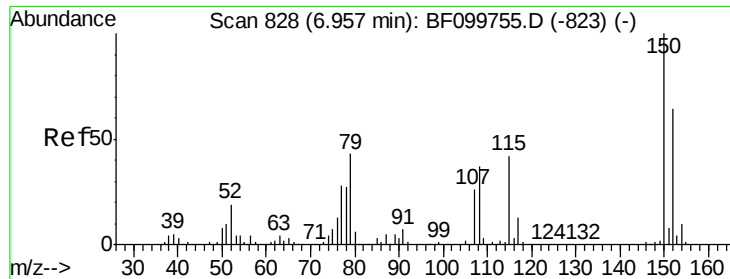
Tot Ion:146 Resp: 171382
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.8 76.2
 111 40.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 27.67 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:146 Resp: 161360
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 38.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 28.77 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampled :

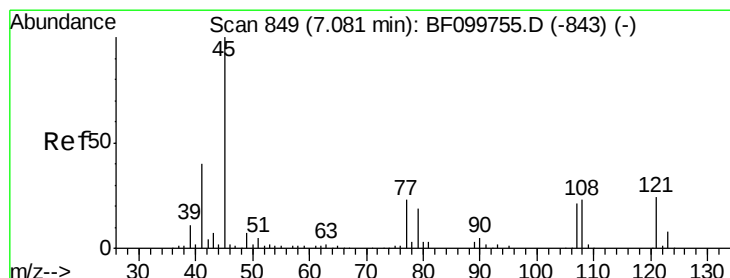
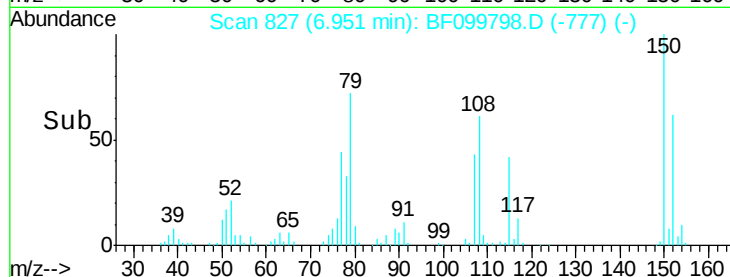
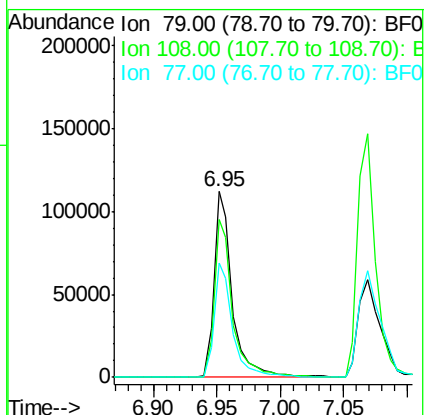
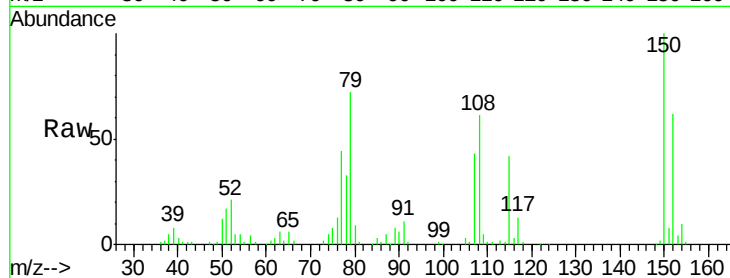
Tot Ion: 79 Resp: 114264

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

77 61.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.83 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

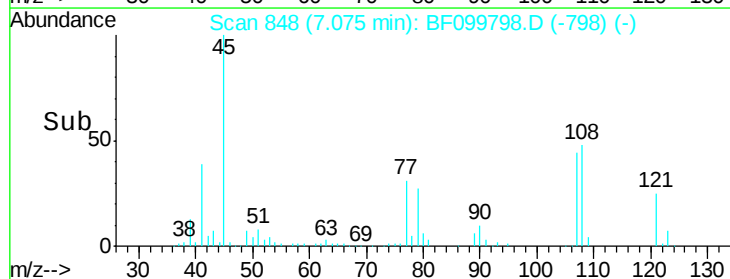
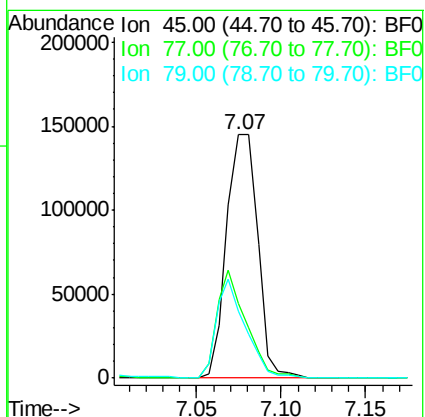
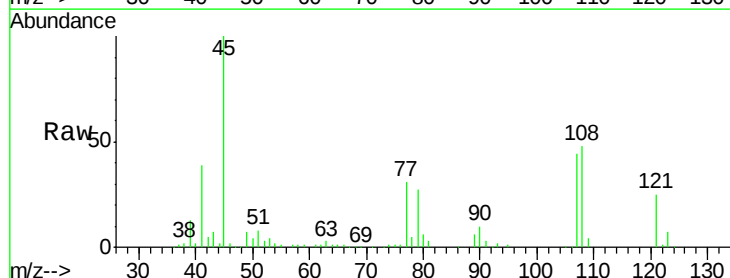
Tgt Ion: 45 Resp: 187224

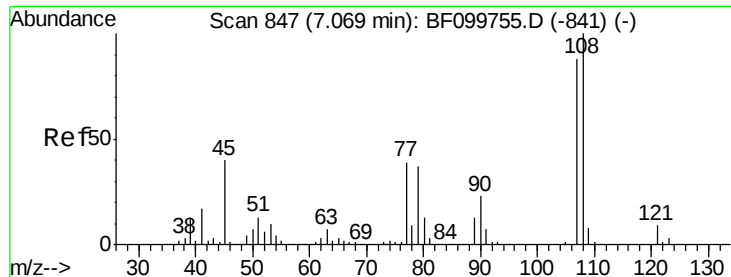
Ion Ratio Lower Upper

45 100

77 30.7 0.0 32.9

79 27.4 0.0 29.6

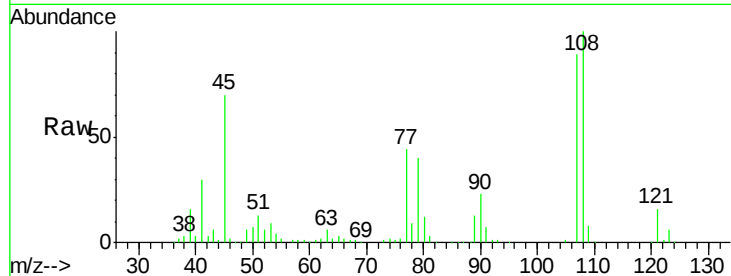




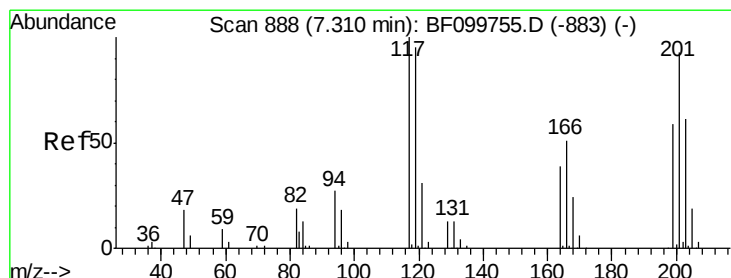
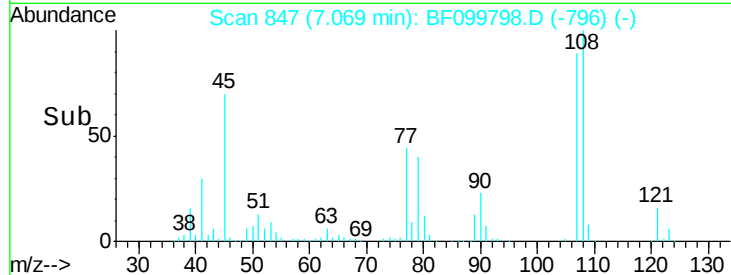
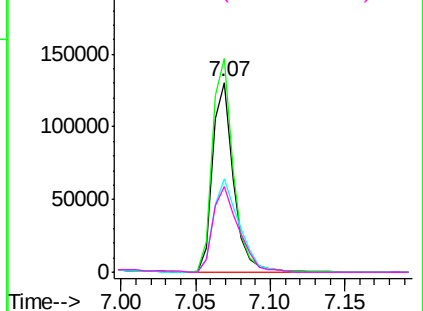
#17
2-Methylphenol
Concen: 27.20 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 127720
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 49.2 33.8 50.8
79 45.1 33.8 50.8

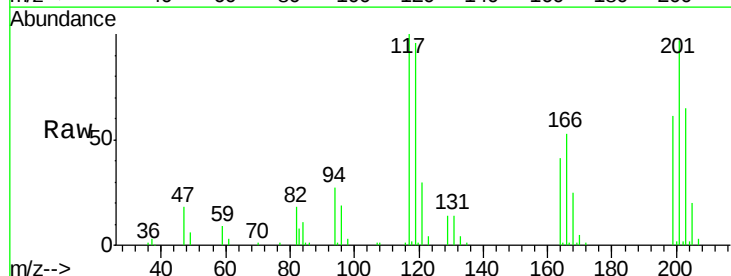


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

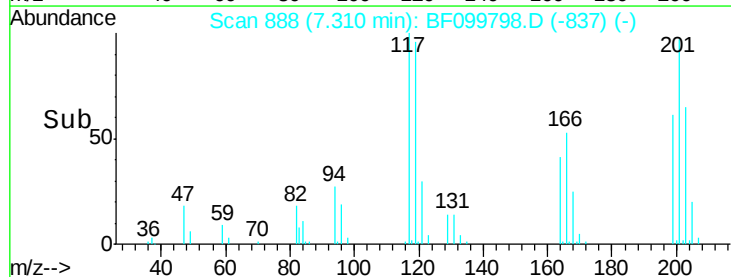
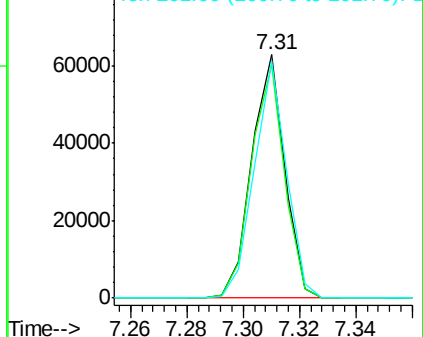


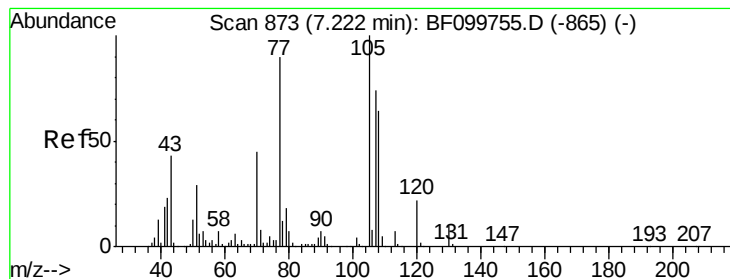
#18
Hexachloroethane
Concen: 23.90 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion:117 Resp: 51013
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 97.4 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

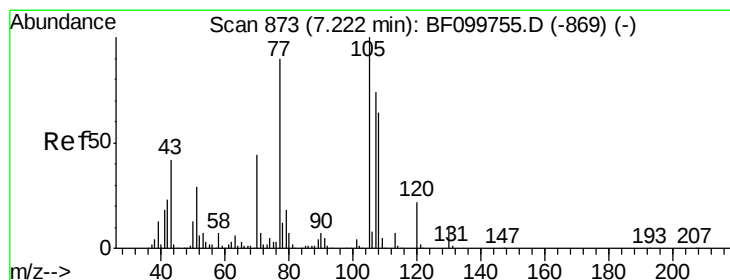
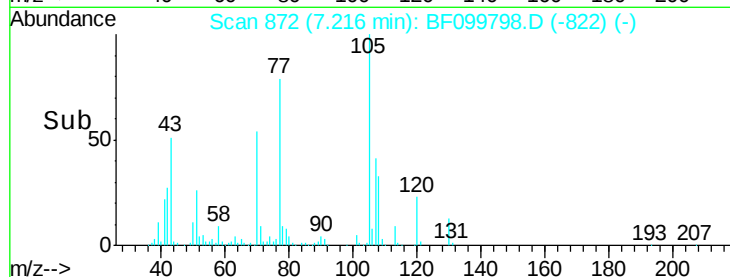
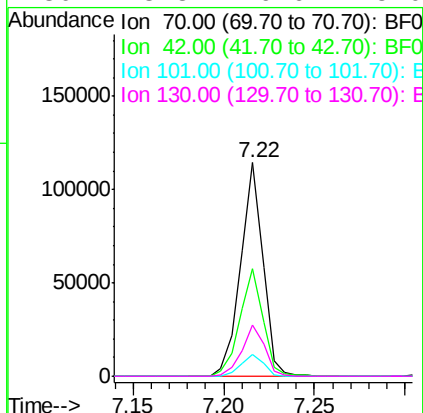
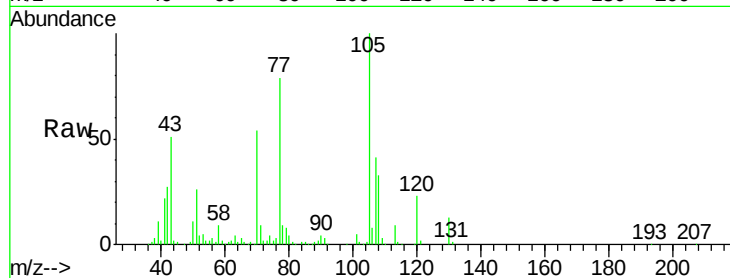




#19
n-Nitroso-di-n-propylamine
Concen: 26.85 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

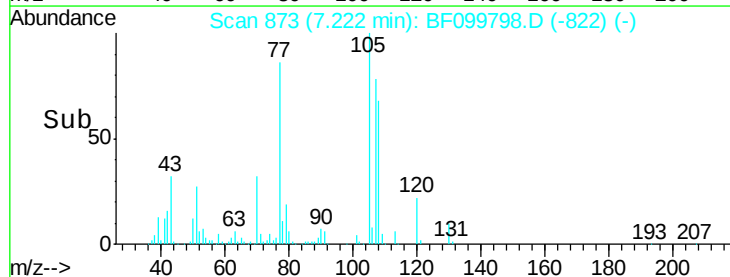
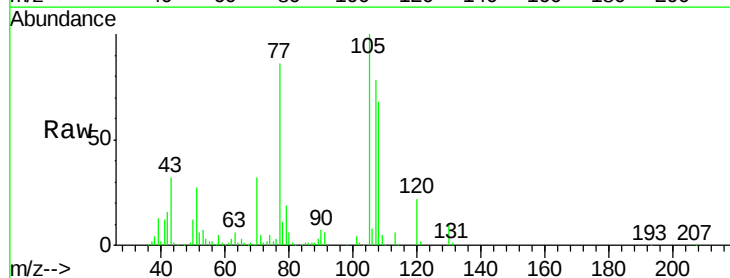
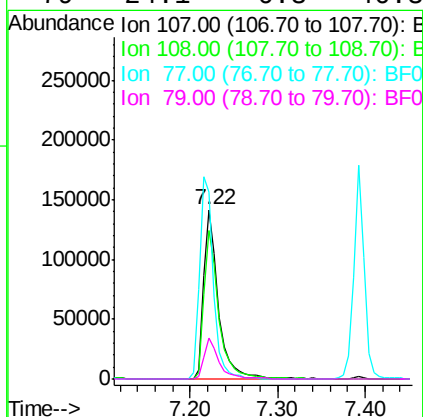
Instrument :
BNA_F
ClientSampleId :

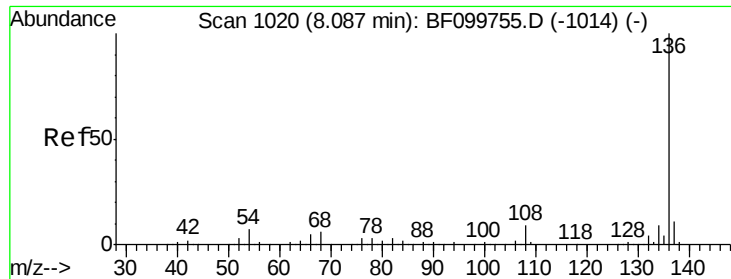
Tot Ion: 70 Resp: 98290
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 9.9 7.4 11.2
130 23.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.49 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion: 107 Resp: 166743
Ion Ratio Lower Upper
107 100
108 88.2 68.2 108.2
77 110.4 26.7 66.7#
79 24.1 6.3 46.3

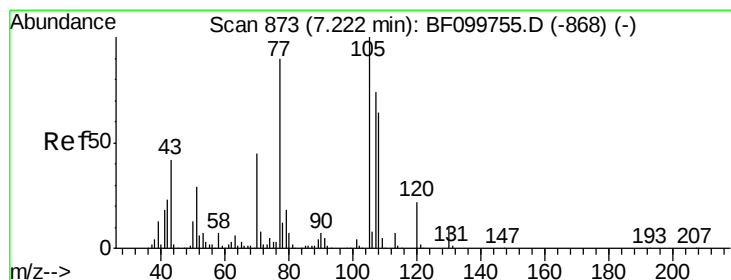
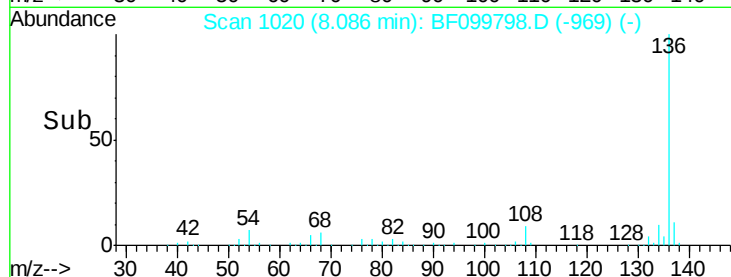
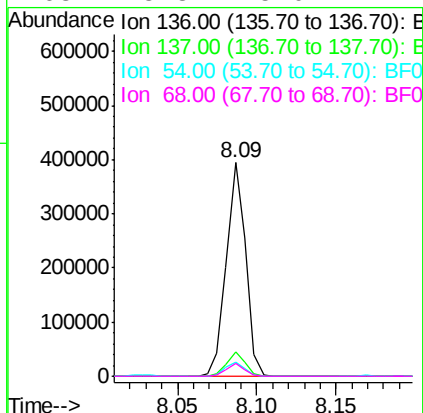
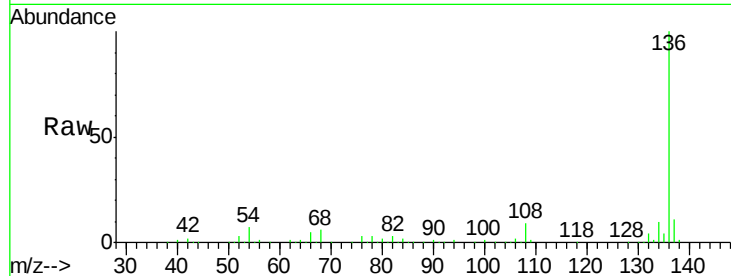




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

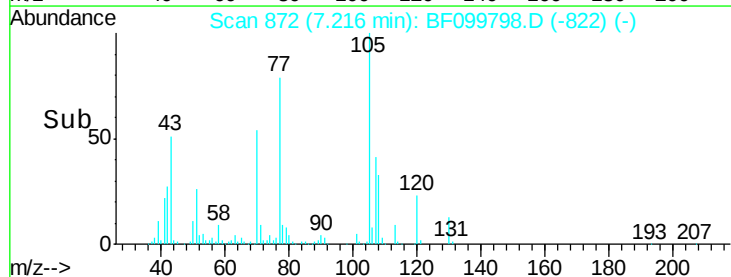
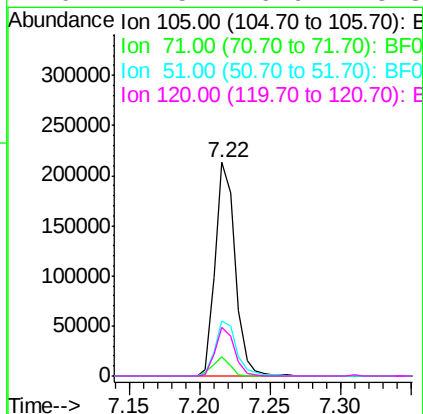
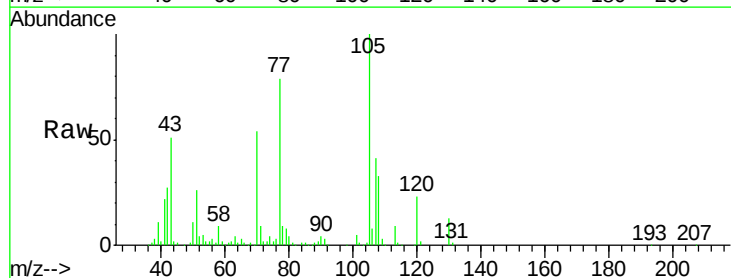
Instrument :
BNA_F
ClientSampleId :

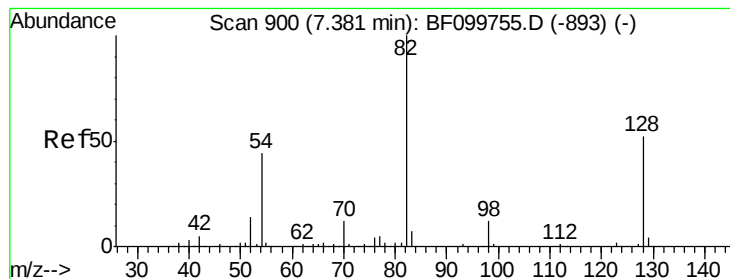
Tot Ion:136	Resp:	332461
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 6.8	6.6	9.8
68 5.8	5.0	7.4



#22
Acetophenone
Concen: 27.58 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt	Ion:105	Resp:	208767
Ion	Ratio	Lower	Upper
105	100		
71	9.1	4.4	6.6#
51	25.6	22.3	33.5
120	22.5	16.9	25.3





#23

Nitrobenzene-d5

Concen: 63.23 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampled :

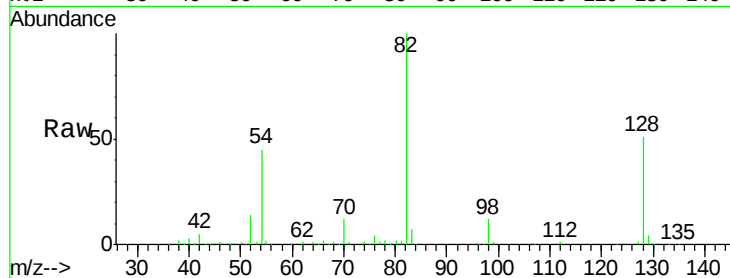
Tot Ion: 82 Resp: 326532

Ion Ratio Lower Upper

82 100

128 50.7 36.1 54.1

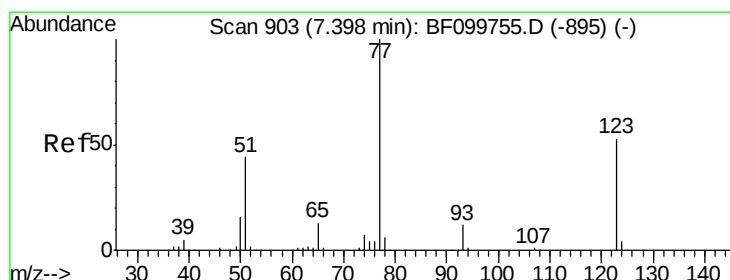
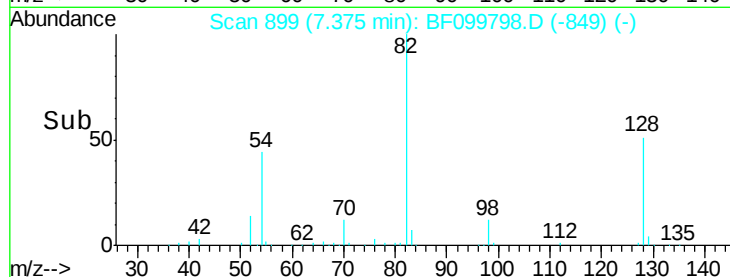
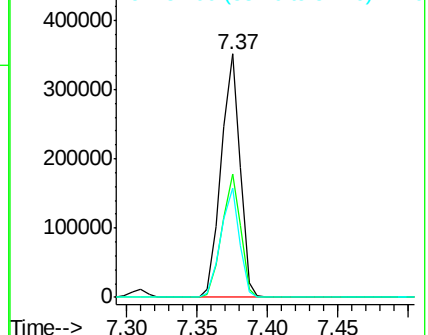
54 44.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 28.66 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

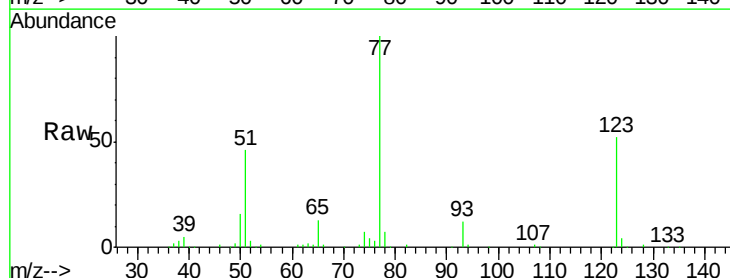
Tgt Ion: 77 Resp: 149133

Ion Ratio Lower Upper

77 100

123 51.7 37.9 56.9

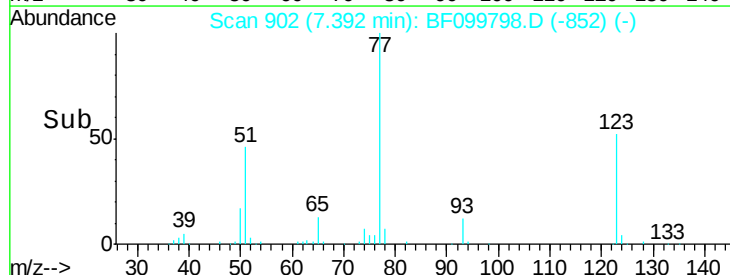
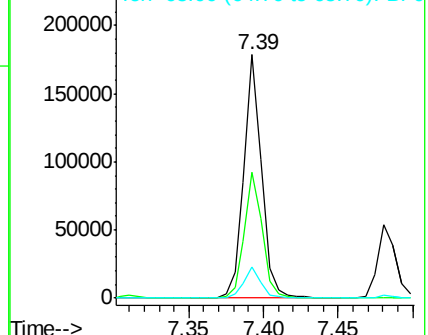
65 12.5 11.0 16.4

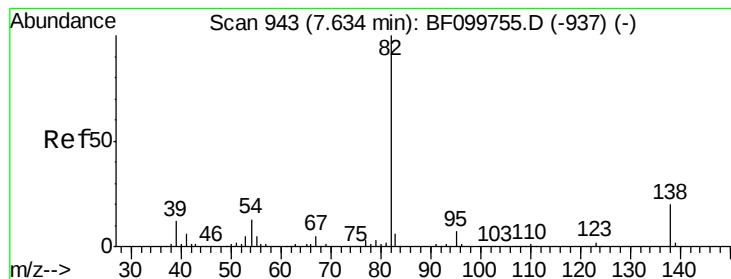


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 29.74 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

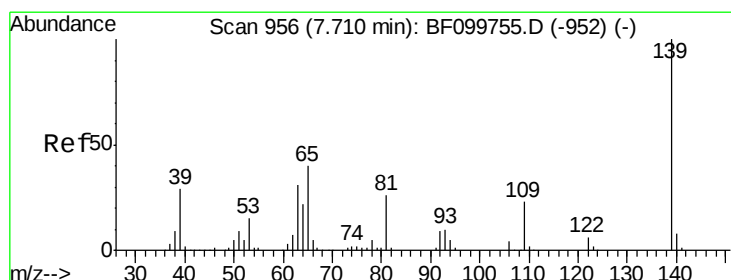
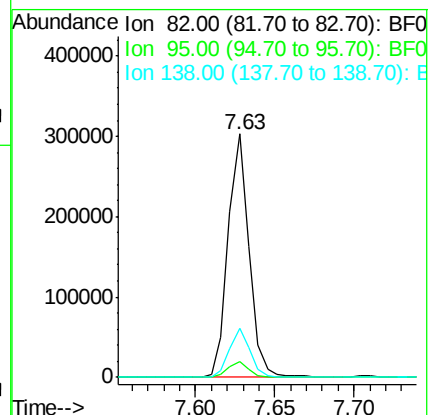
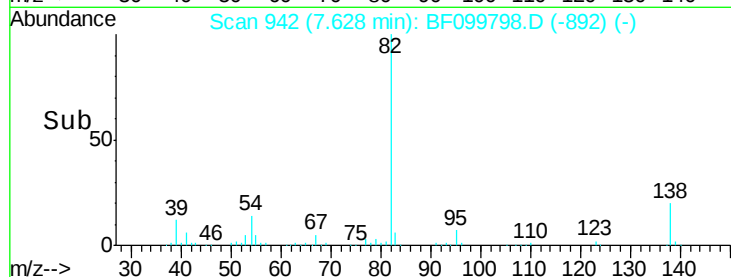
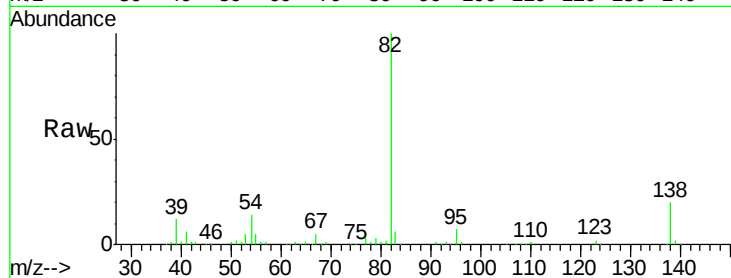
Tot Ion: 82 Resp: 278647

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 24.87 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

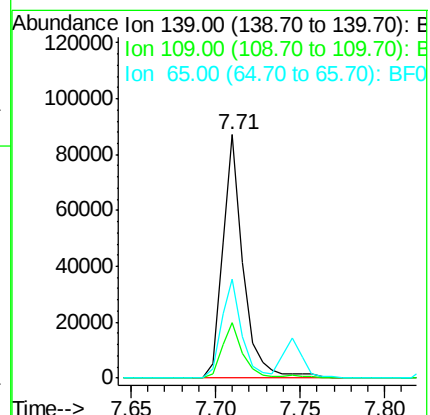
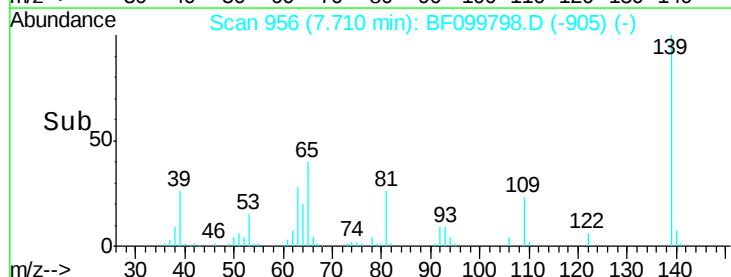
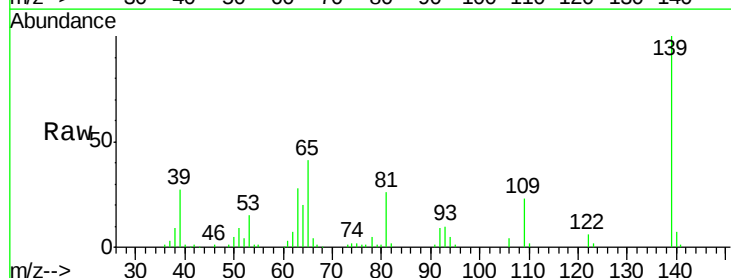
Tgt Ion: 139 Resp: 74120

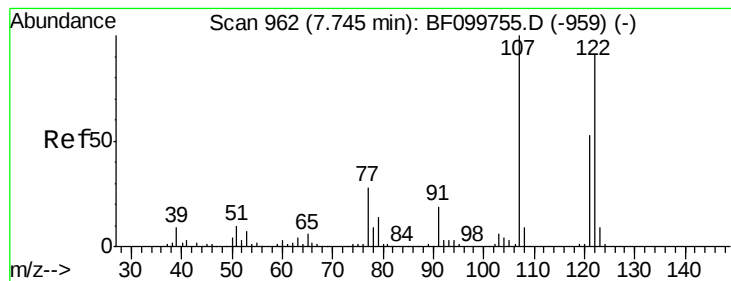
Ion Ratio Lower Upper

139 100

109 22.5 22.7 34.1#

65 40.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 31.35 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampled :

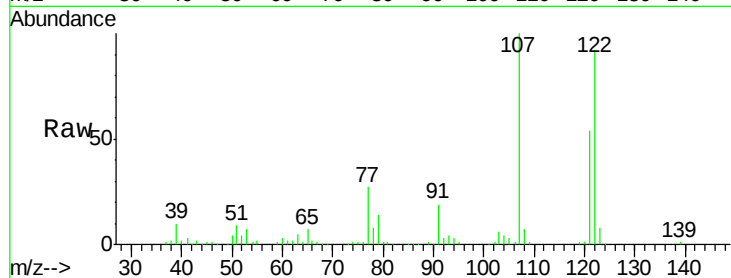
Tot Ion:122 Resp: 137639

Ion Ratio Lower Upper

122 100

107 108.5 91.2 136.8

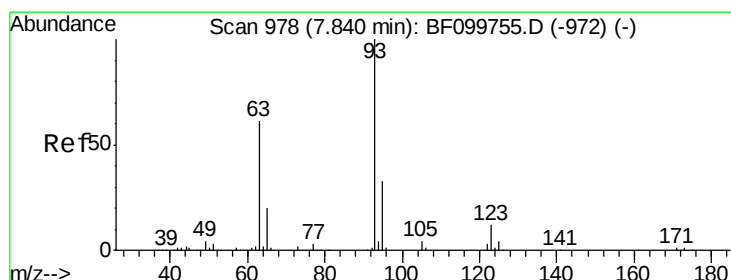
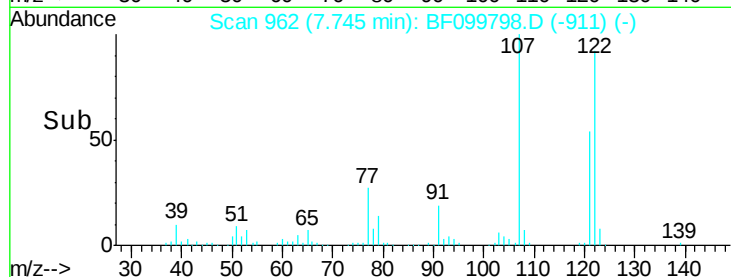
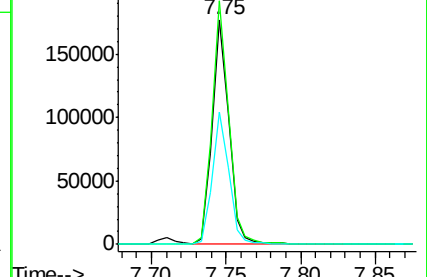
121 58.9 47.2 70.8



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: 28.10 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

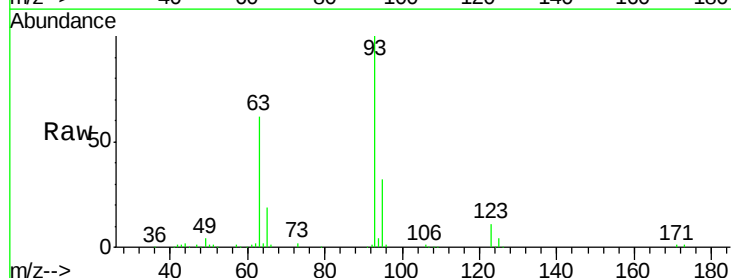
Tgt Ion: 93 Resp: 184379

Ion Ratio Lower Upper

93 100

95 31.8 26.3 39.5

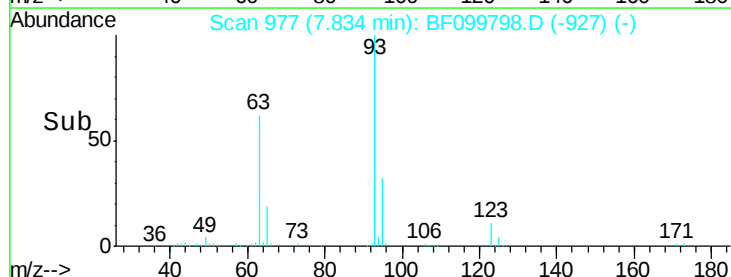
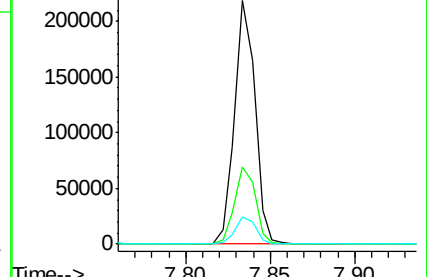
123 11.0 9.8 14.6

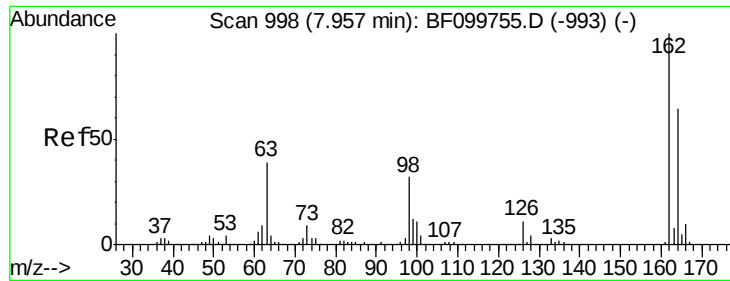


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

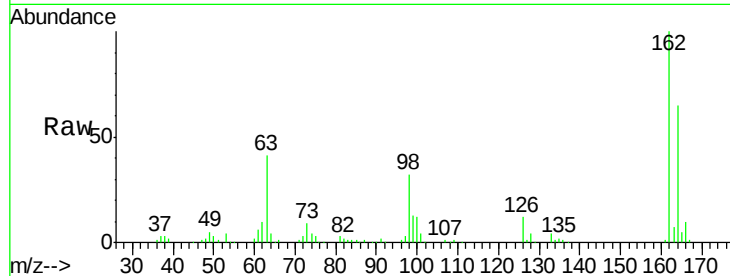




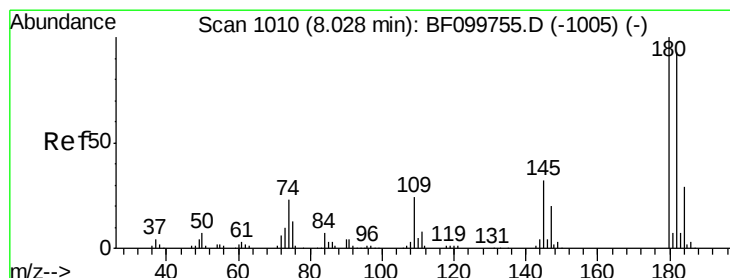
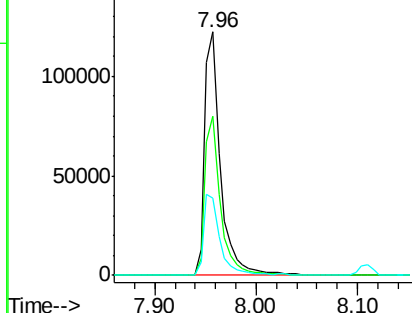
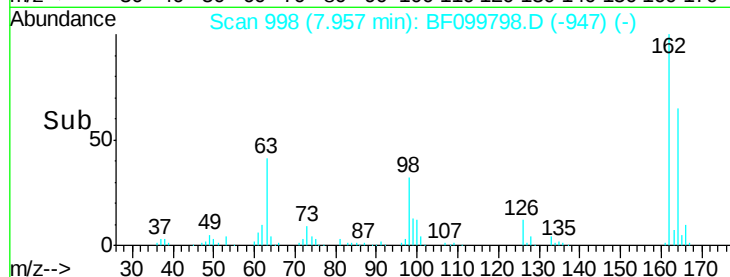
#29
 2,4-Dichlorophenol
 Concen: 29.10 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	32.0	18.1	58.1

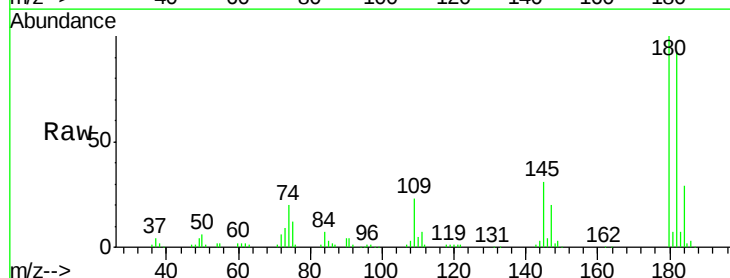


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

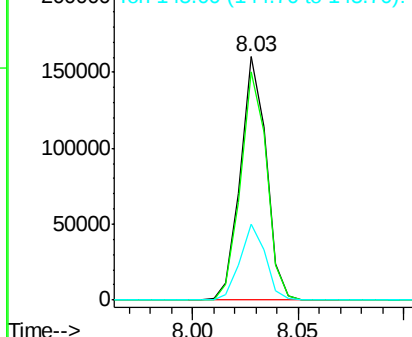
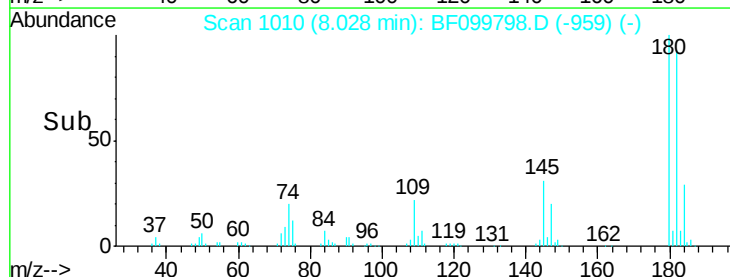


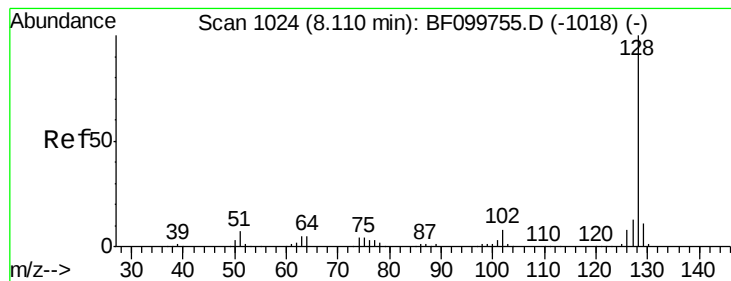
#30
 1,2,4-Trichlorobenzene
 Concen: 27.80 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	31.2	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: 27.86 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

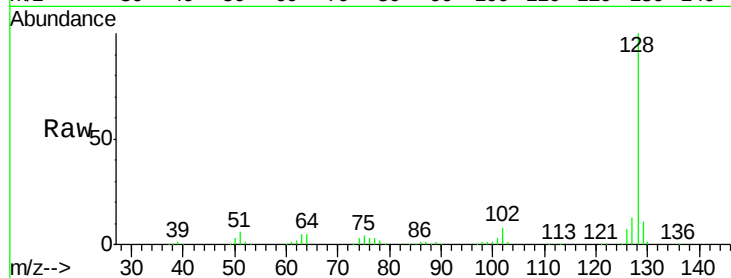
Tot Ion:128 Resp: 447054

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

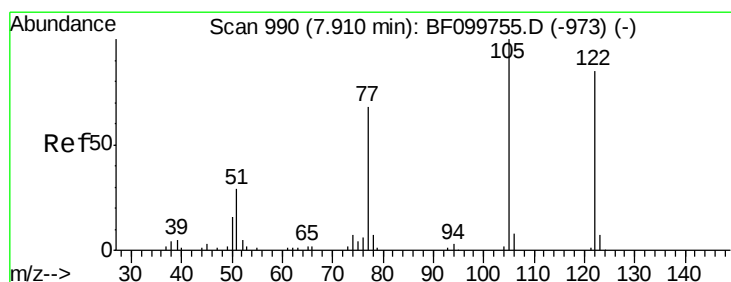
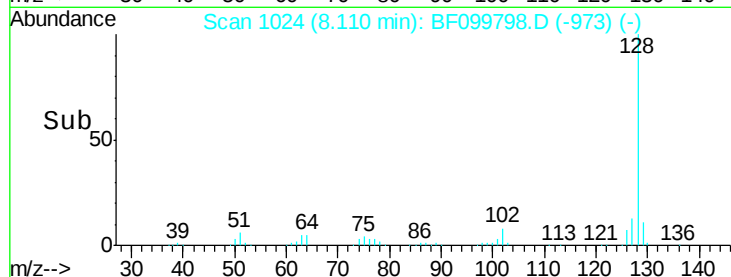
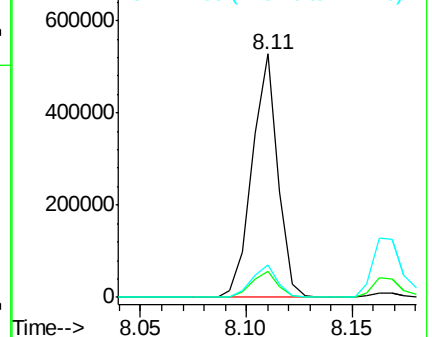
127 13.2 10.9 16.3



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: 35.61 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.16 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

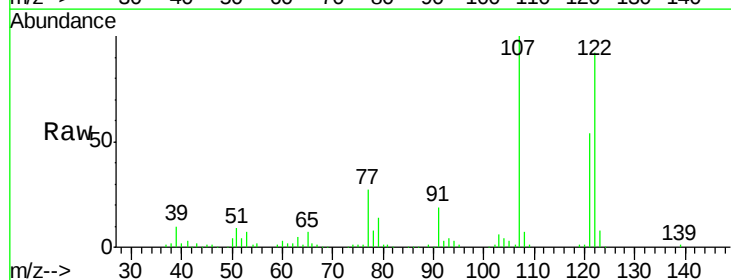
Tgt Ion:122 Resp: 137639

Ion Ratio Lower Upper

122 100

105 3.4 101.1 141.1#

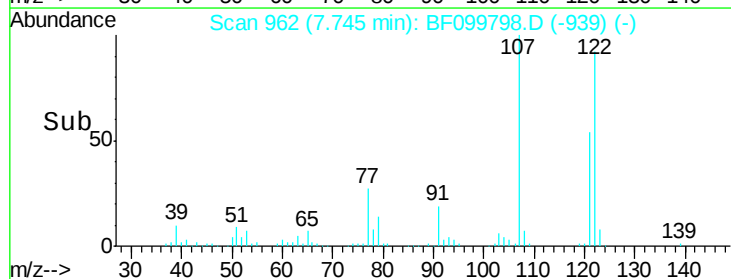
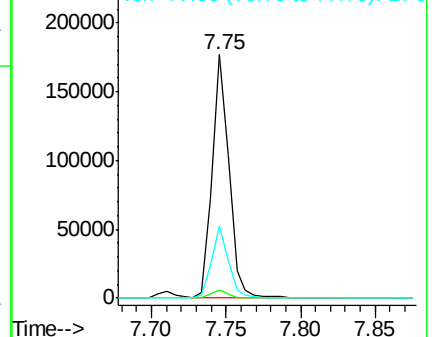
77 29.6 70.7 110.7#

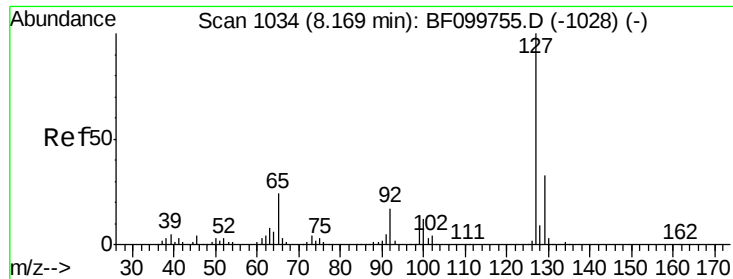


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

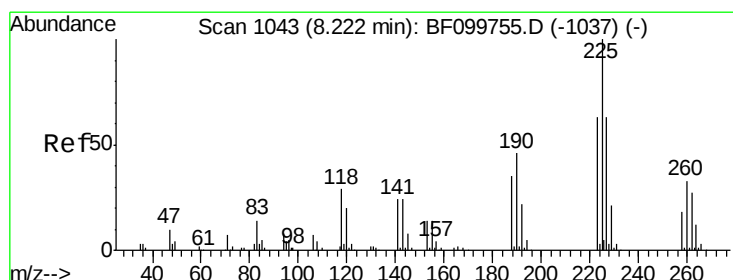
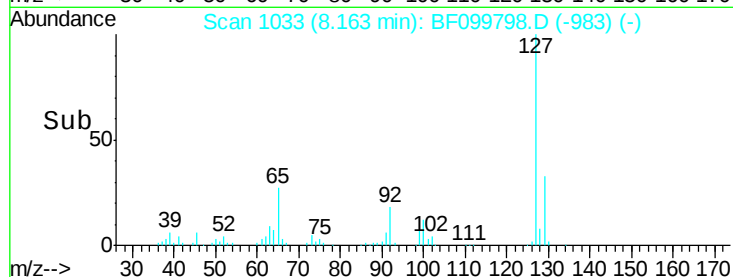
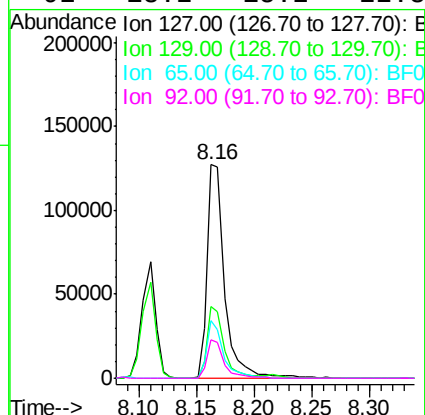
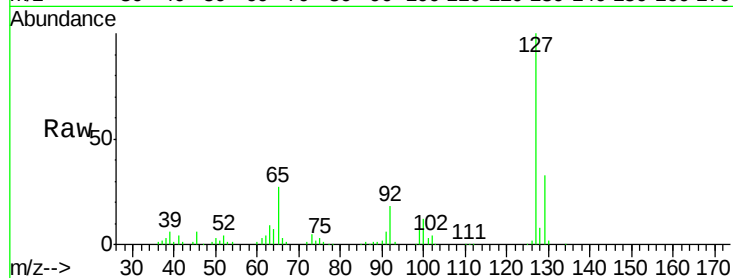




#33
4-Chloroaniline
Concen: 20.53 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

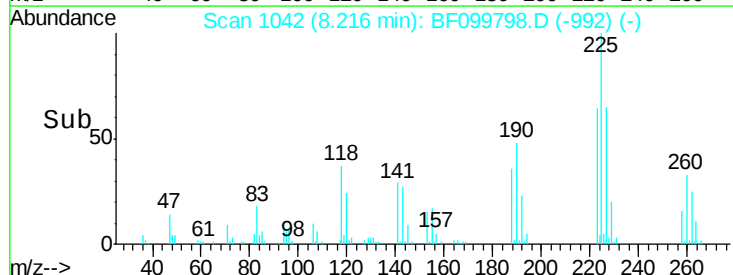
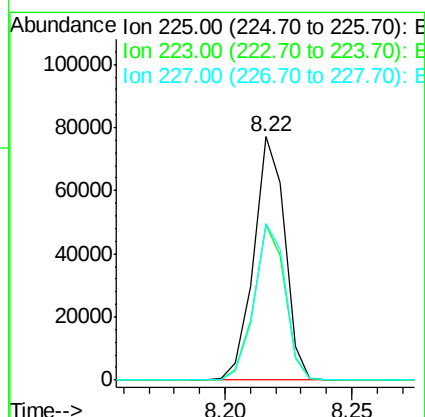
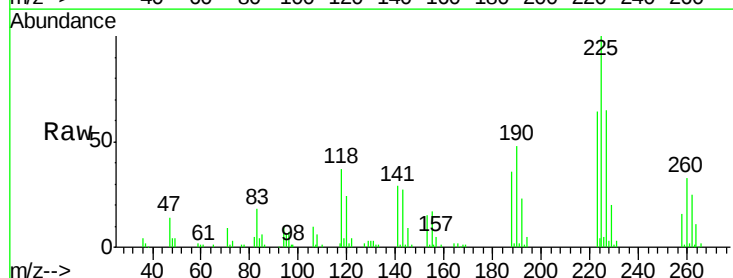
Instrument :
BNA_F
ClientSampleId :

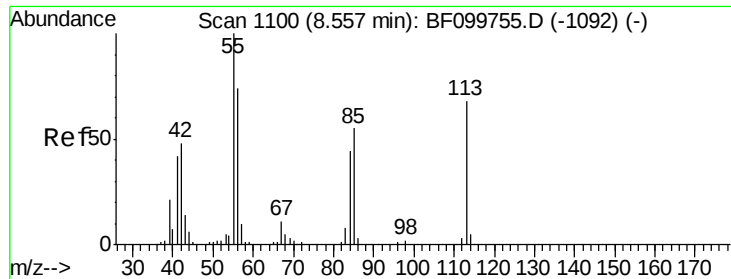
Tot Ion:	127	Resp:	136057
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	26.9	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 26.31 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion:	225	Resp:	65961
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.5	51.9	77.9

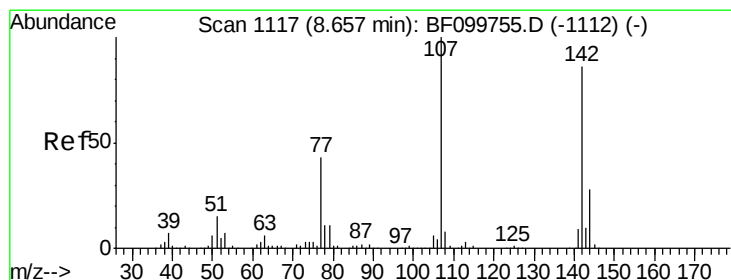
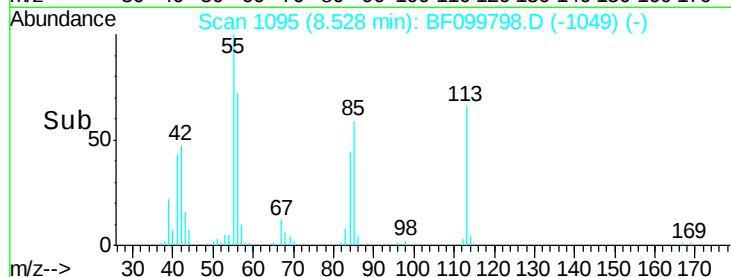
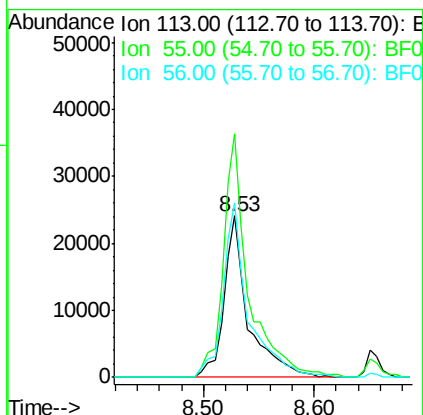
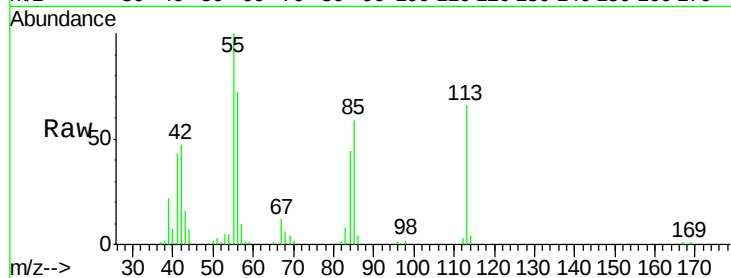




#35
 Caprolactam
 Concen: 25.96 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

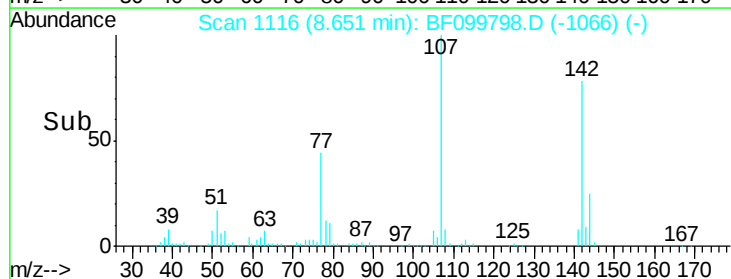
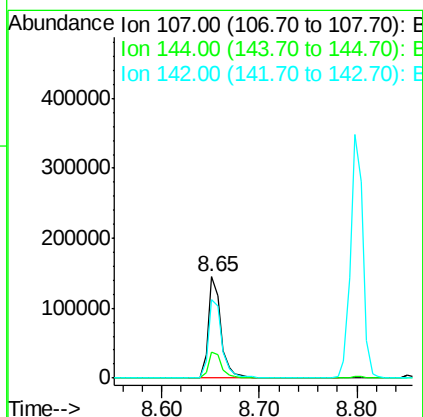
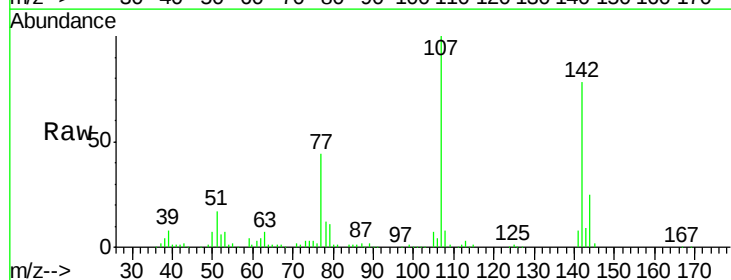
Instrument :
 BNA_F
 ClientSampled :

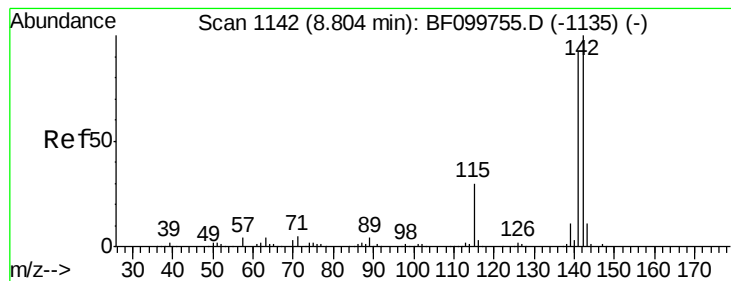
Tot Ion:113 Resp: 37245
 Ion Ratio Lower Upper
 113 100
 55 150.7 163.3 203.3#
 56 108.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 28.20 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:107 Resp: 131270
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 78.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 28.35 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

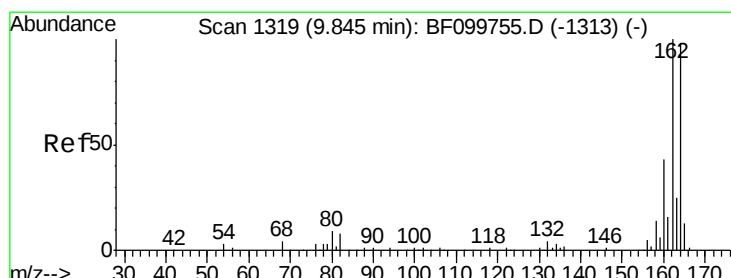
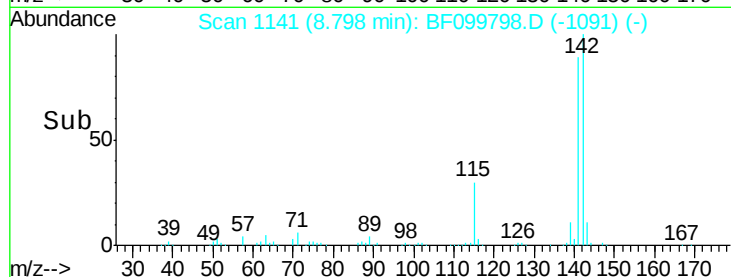
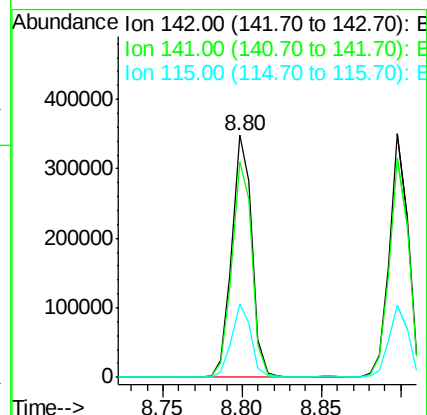
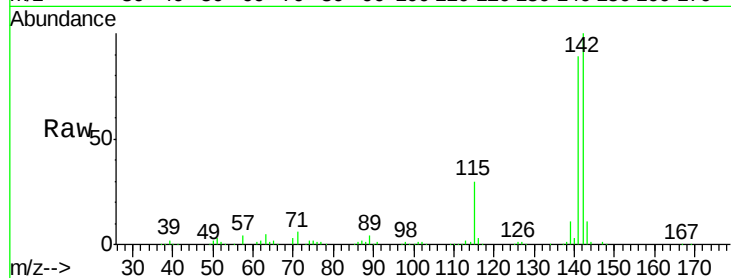
Tot Ion:142 Resp: 304873

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

115 30.4 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

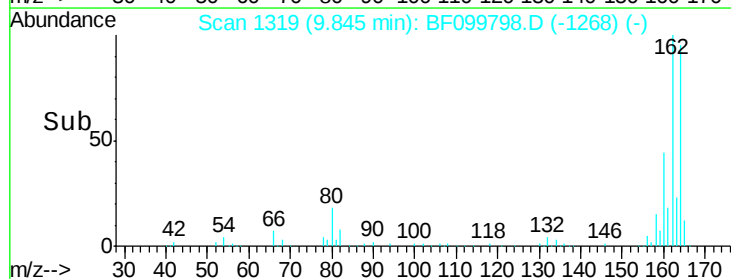
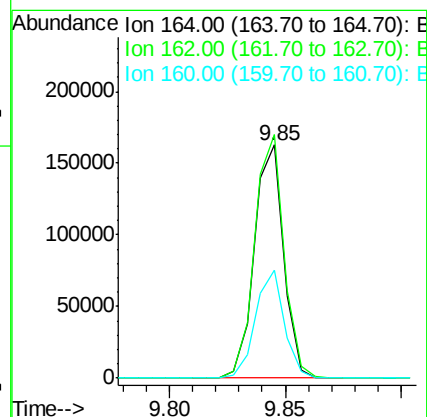
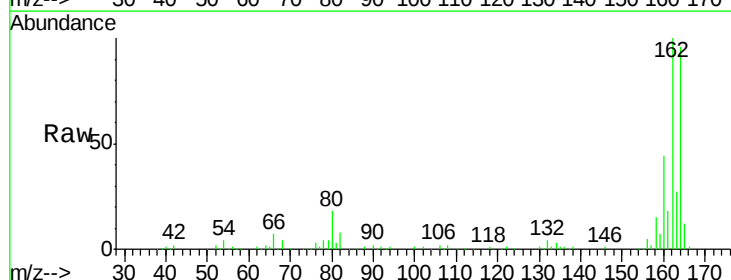
Tgt Ion:164 Resp: 144311

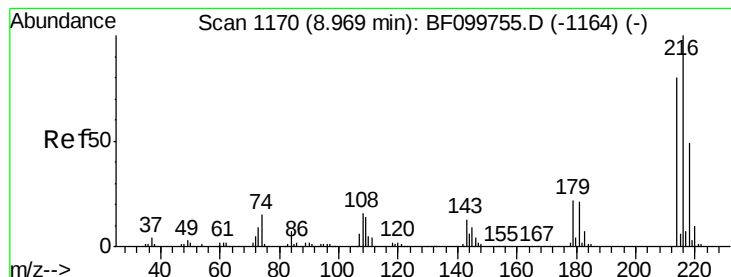
Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

160 46.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.47 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 123385

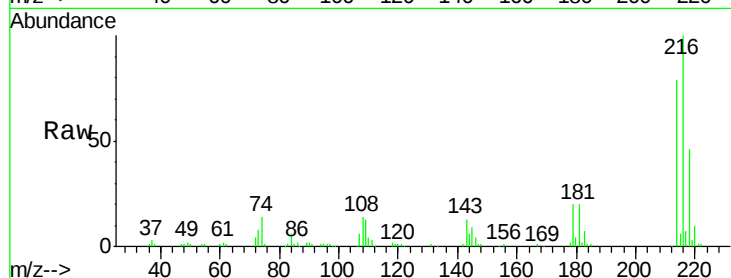
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 21.2 18.1 27.1

108 16.2 17.2 25.8#

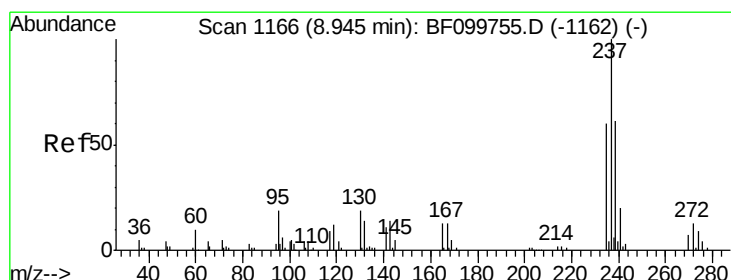
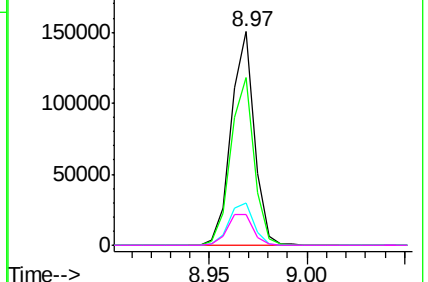
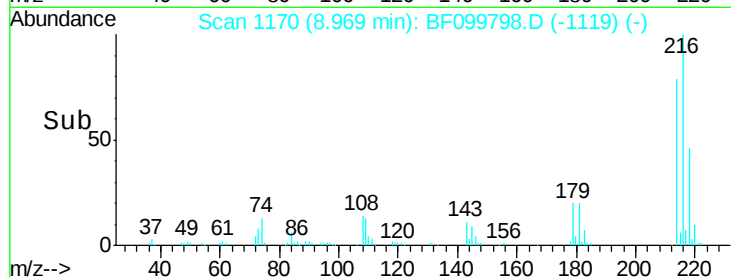


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.84 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

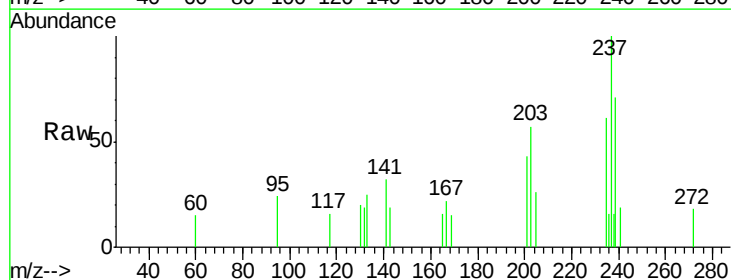
Tgt Ion:237 Resp: 1422

Ion Ratio Lower Upper

237 100

235 61.0 44.8 84.8

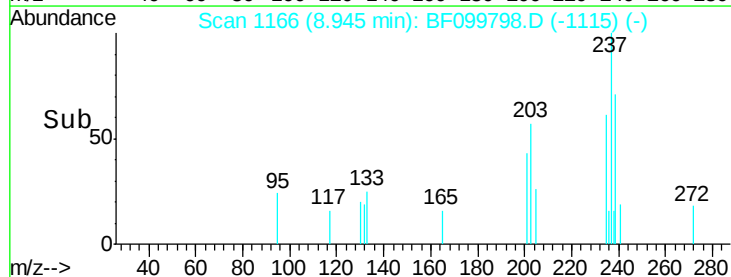
272 17.7 0.0 33.3



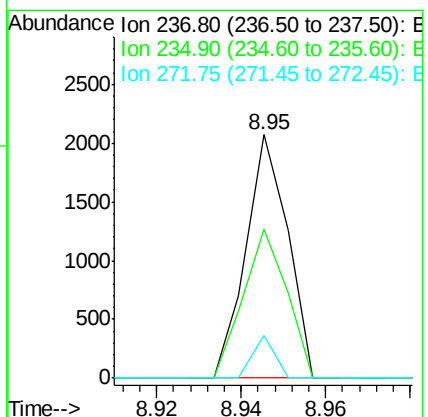
Abundance Ion 236.80 (236.50 to 237.50): E

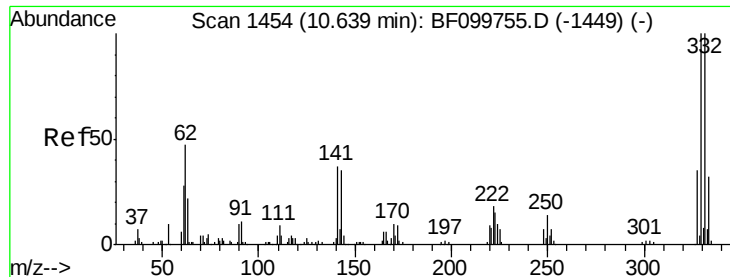
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

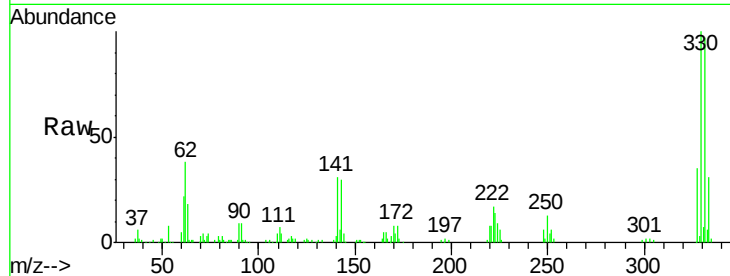




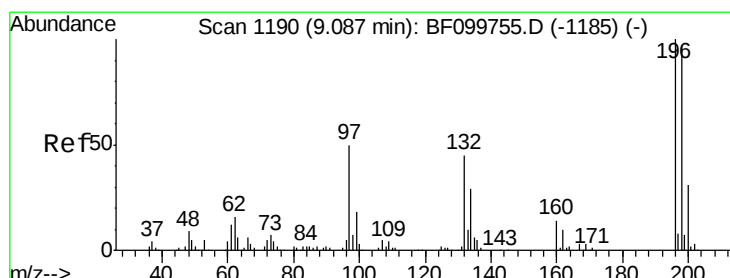
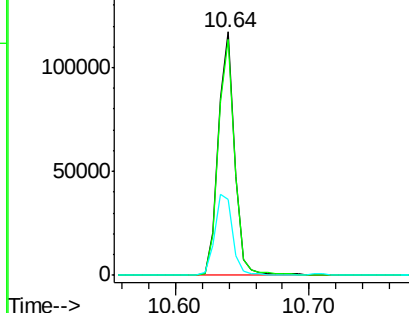
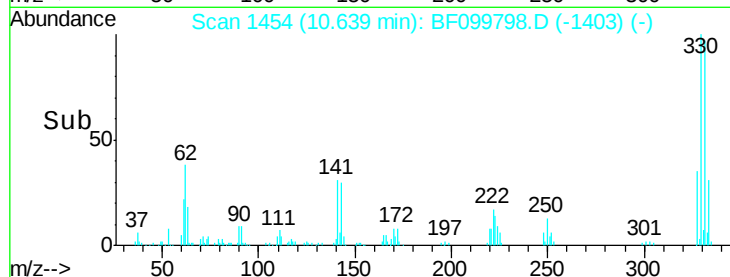
#41
 2,4,6-Tribromophenol
 Concen: 77.52 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	36.5	29.9	44.9

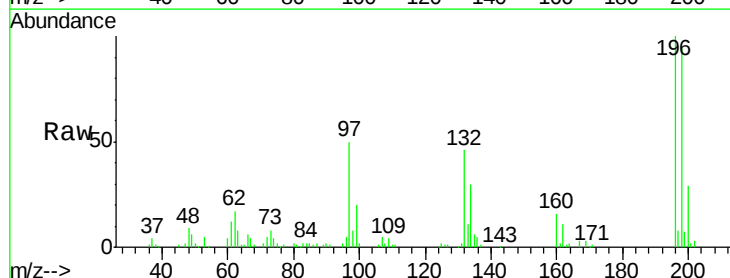


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

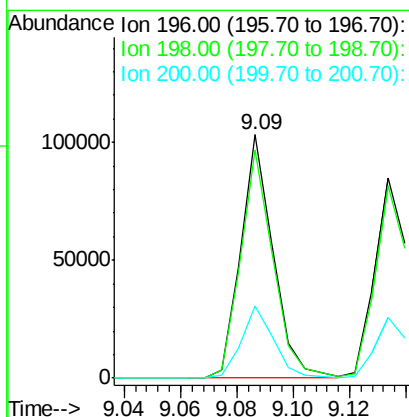
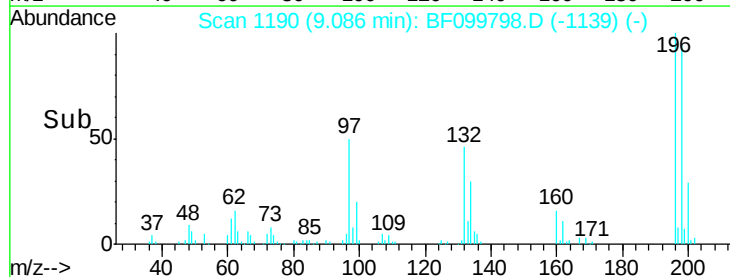


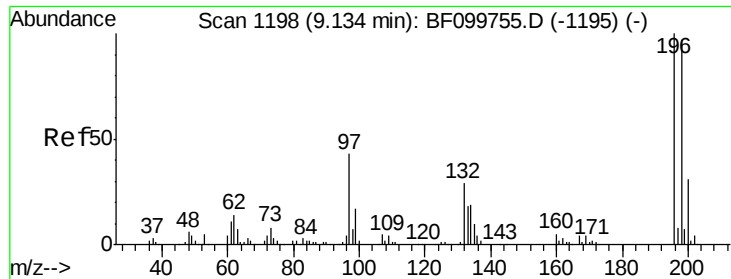
#42
 2,4,6-Trichlorophenol
 Concen: 29.14 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	29.5	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

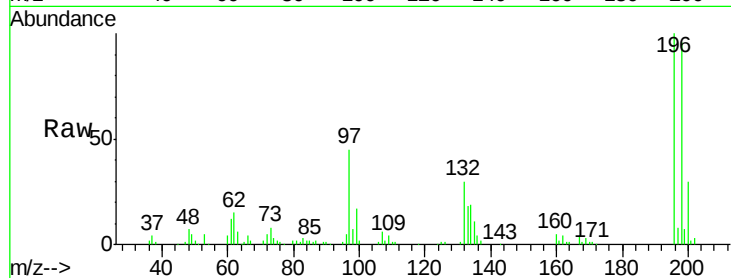




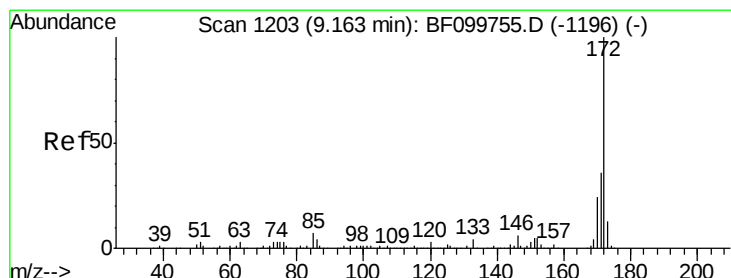
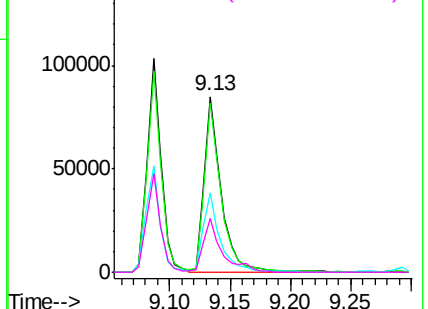
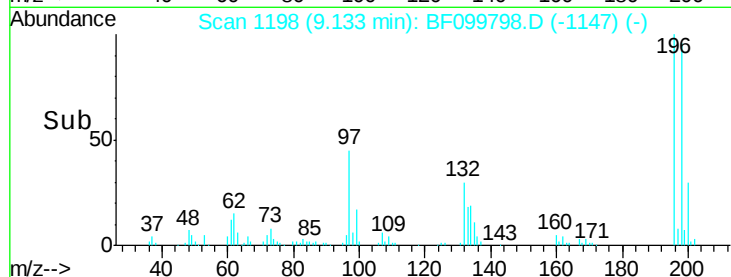
#43
 2,4,5-Trichlorophenol
 Concen: 28.20 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	84369
Ion Ratio	Lower	Upper
196	100	
198	96.2	74.6 112.0
97	44.8	42.9 64.3
132	30.5	26.3 39.5

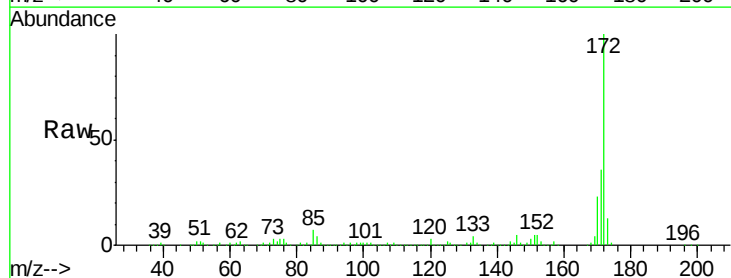


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

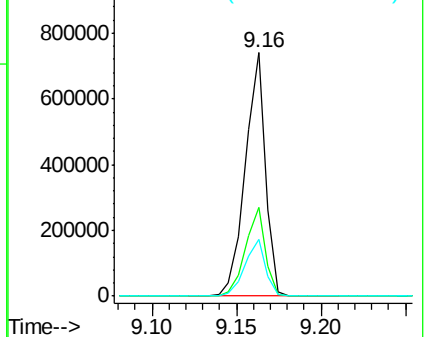
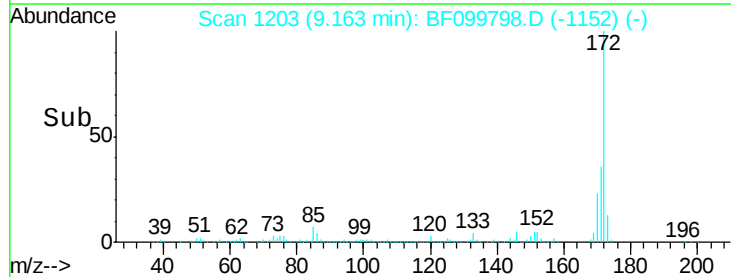


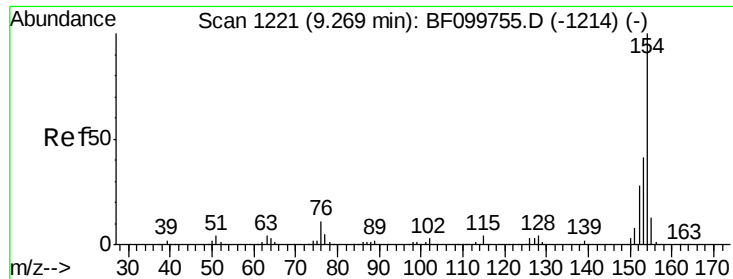
#44
 2-Fluorobiphenyl
 Concen: 66.25 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:172	Resp:	619647
Ion Ratio	Lower	Upper
172	100	
171	36.2	29.7 44.5
170	23.5	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

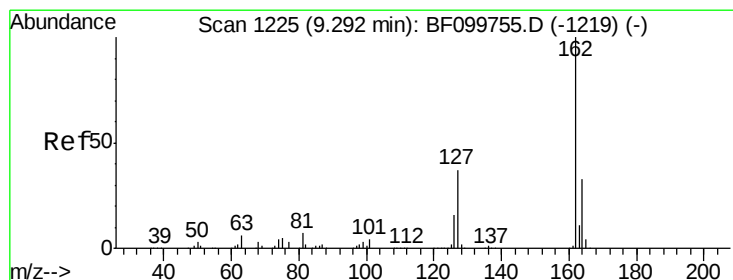
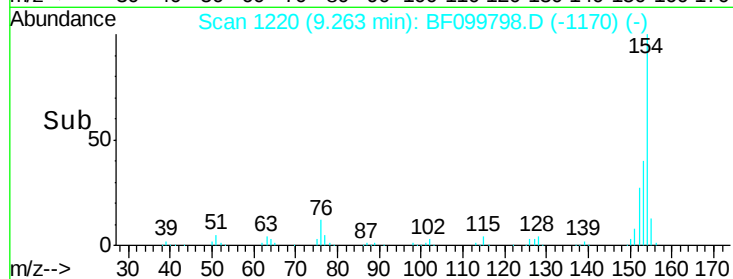
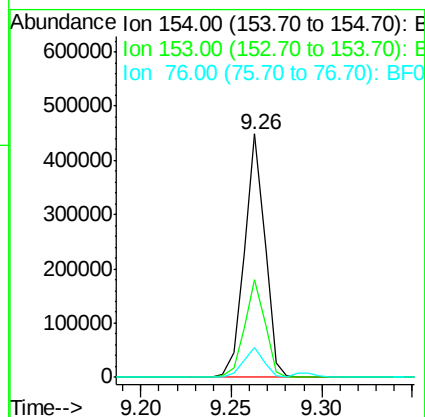
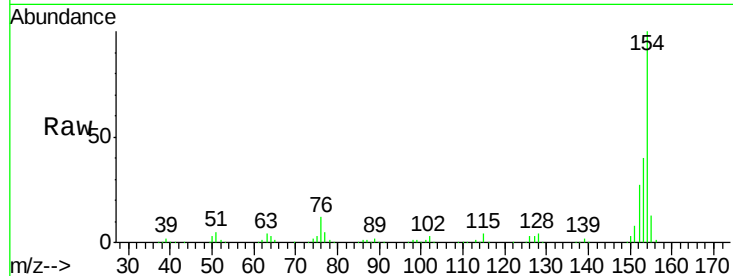




#45
 1,1'-Biphenyl
 Concen: 26.94 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

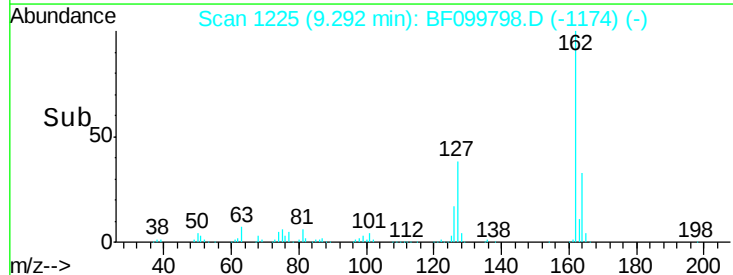
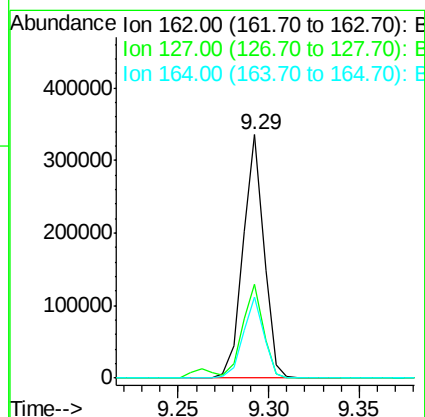
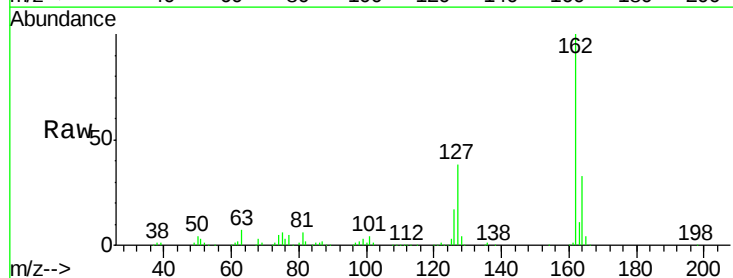
Instrument :
 BNA_F
 ClientSampleId :

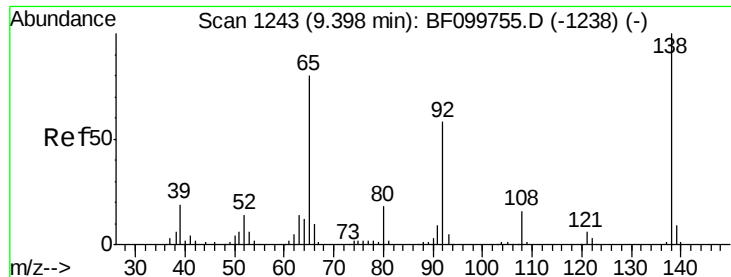
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	12.5	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 28.28 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.9	50.9
164	33.3	26.5	39.7

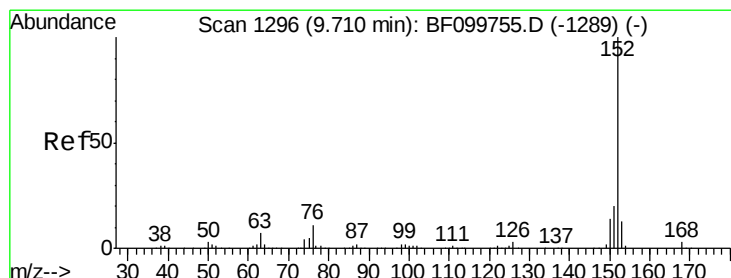
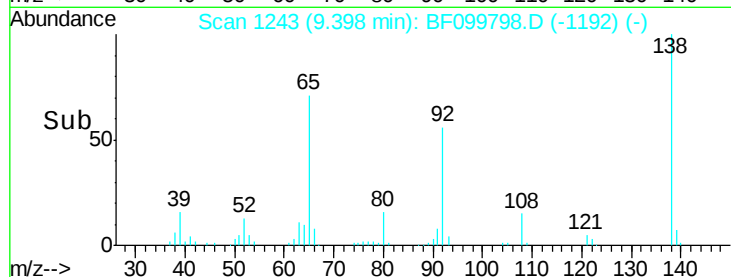
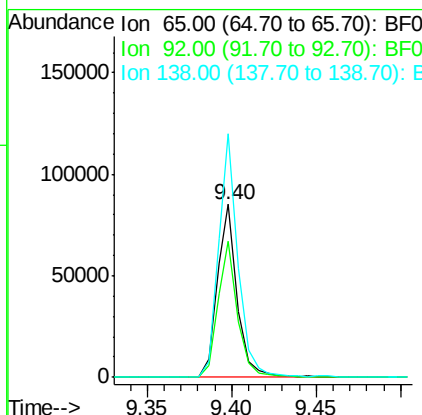
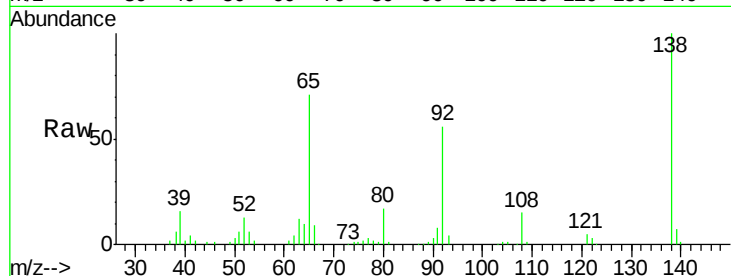




#47
2-Nitroaniline
Concen: 28.34 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

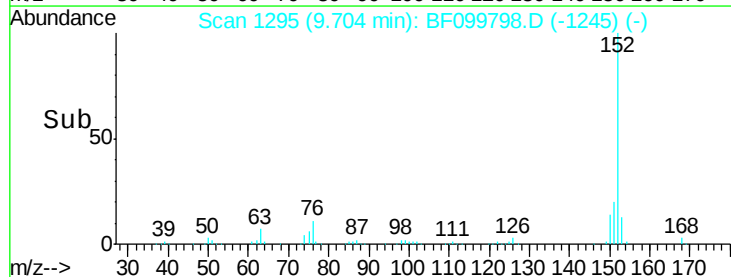
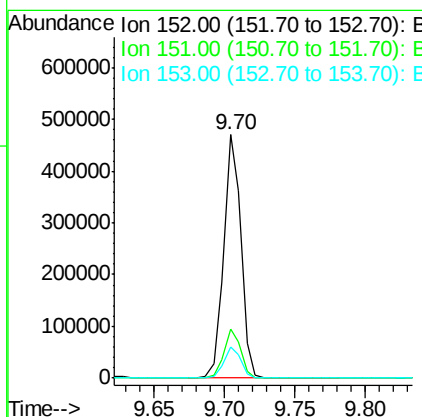
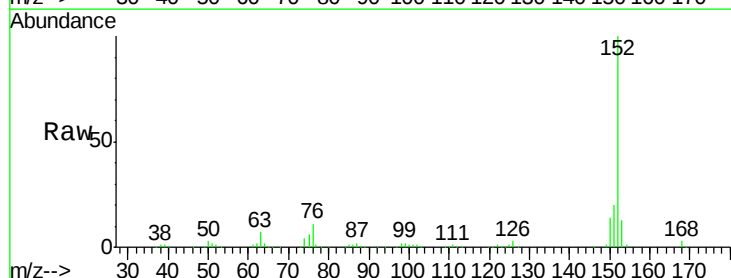
Instrument :
BNA_F
ClientSampleId :

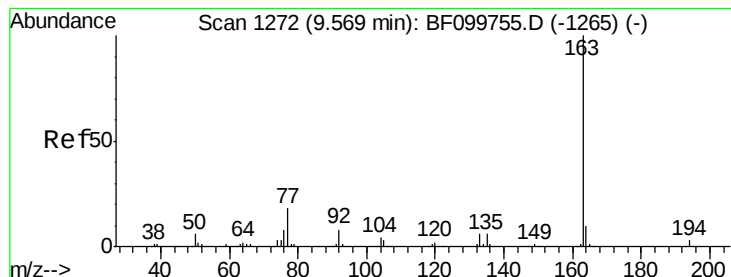
Tot Ion: 65 Resp: 70519
Ion Ratio Lower Upper
65 100
92 78.5 55.8 83.6
138 141.0 91.2 136.8#



#48
Acenaphthylene
Concen: 27.13 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion: 152 Resp: 396241
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.8 10.7 16.1





#49

Dimethylphthalate

Concen: 28.85 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

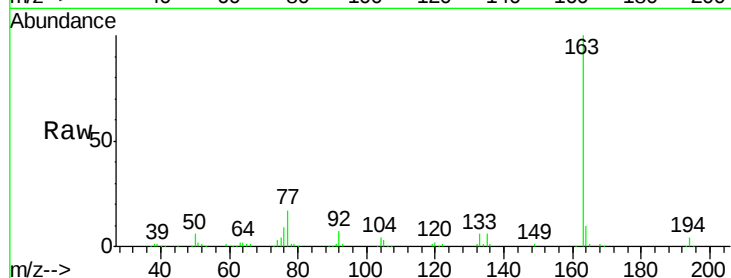
Tot Ion:163 Resp: 329653

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

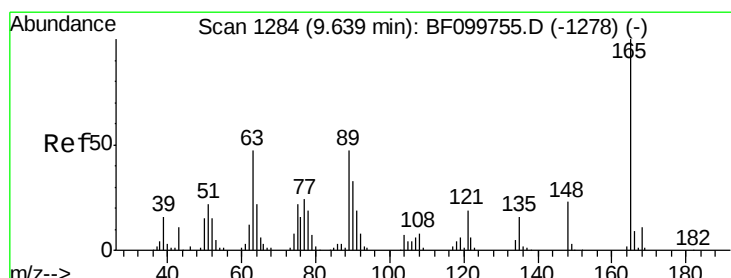
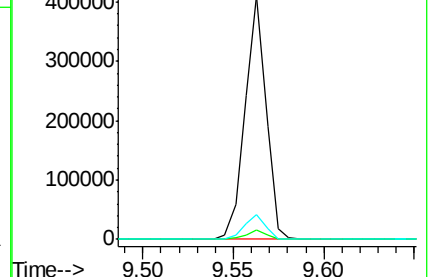
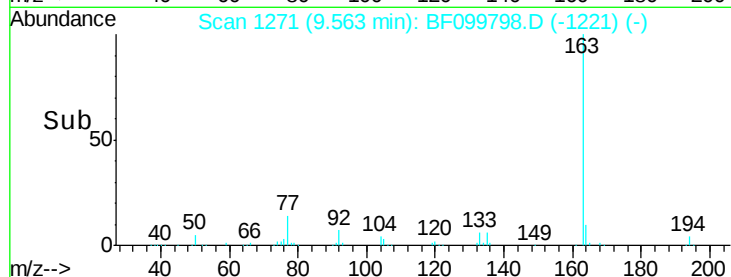
164 10.1 8.2 12.2



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: 26.97 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

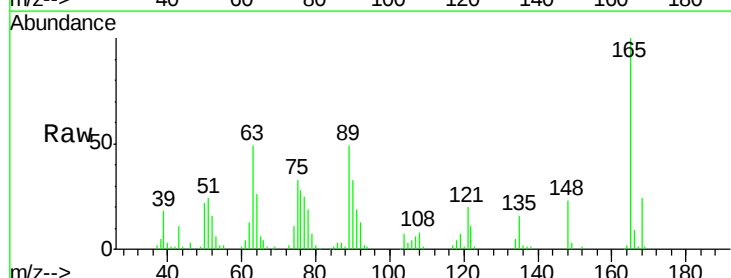
Tgt Ion:165 Resp: 64787

Ion Ratio Lower Upper

165 100

63 49.4 44.7 67.1

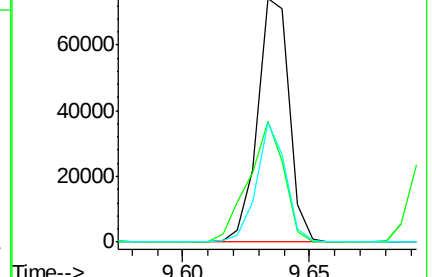
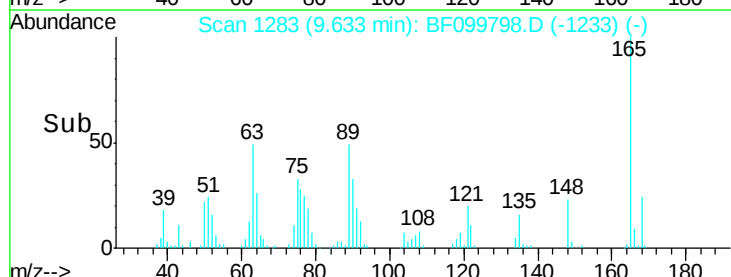
89 49.3 44.0 66.0

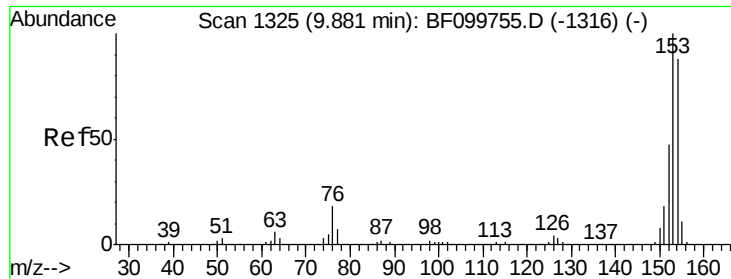


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

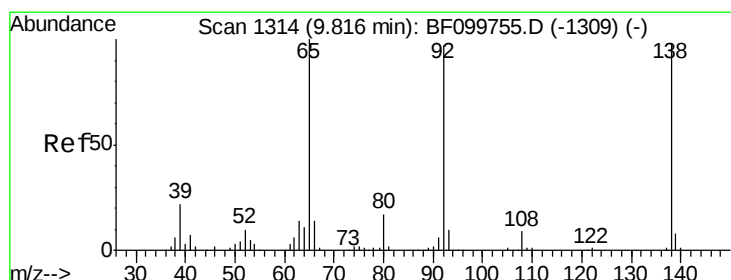
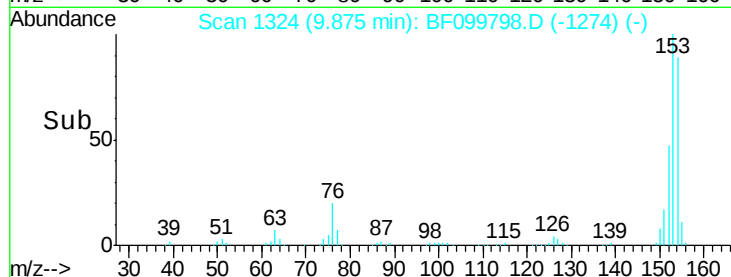
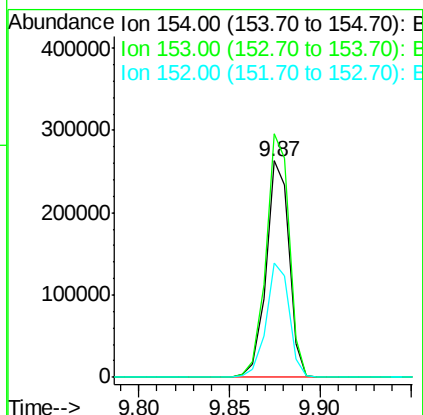
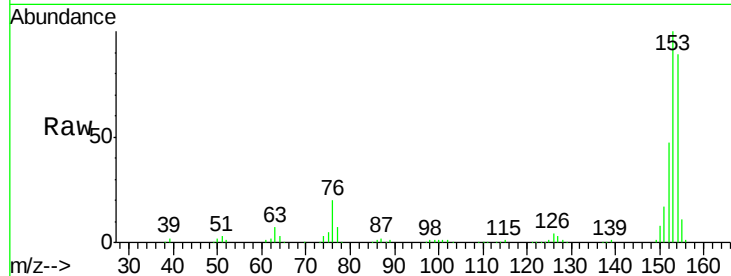




#51
Acenaphthene
Concen: 25.98 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

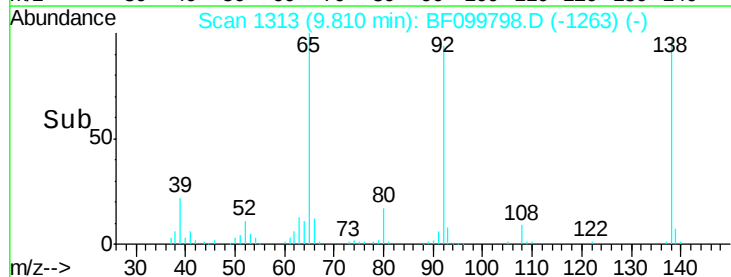
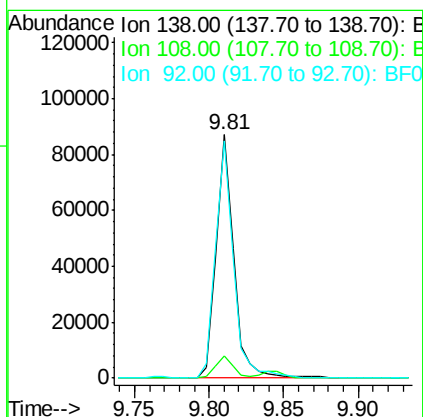
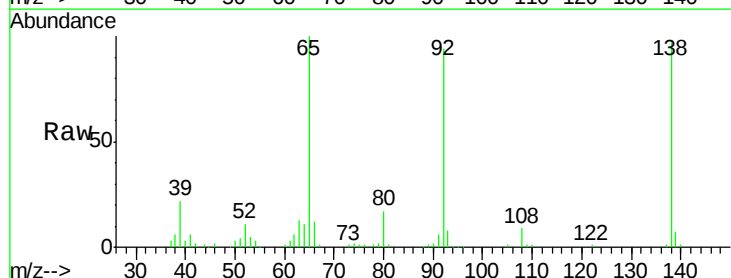
Instrument :
BNA_F
ClientSampleId :

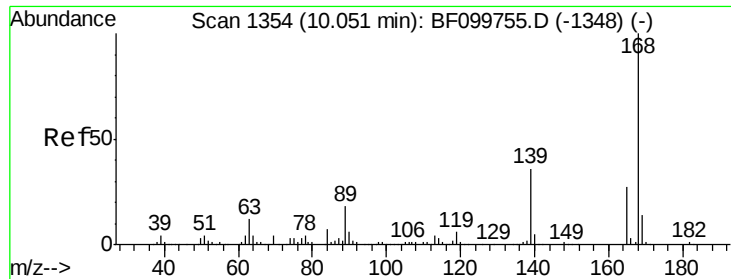
Tot Ion:154 Resp: 231813
Ion Ratio Lower Upper
154 100
153 112.4 91.2 136.8
152 52.7 43.8 65.8



#52
3-Nitroaniline
Concen: 25.38 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion:138 Resp: 71849
Ion Ratio Lower Upper
138 100
108 9.1 9.4 14.0#
92 97.2 89.4 134.2

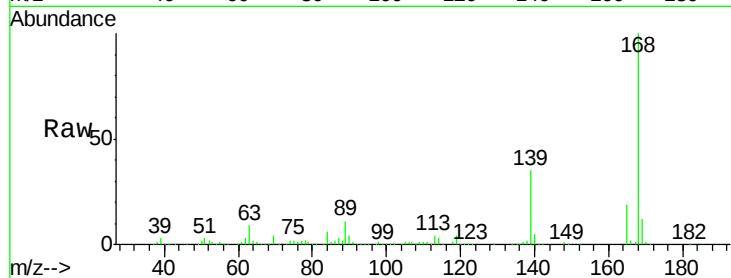




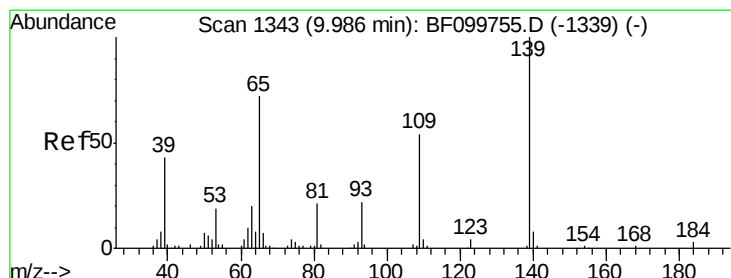
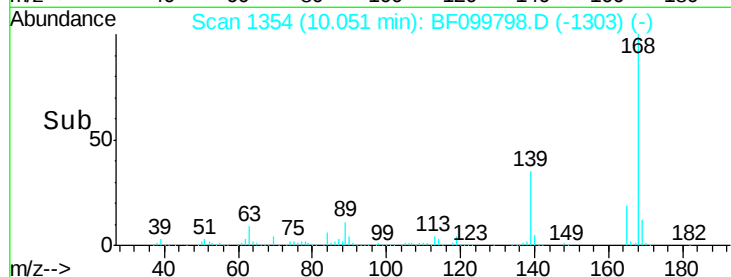
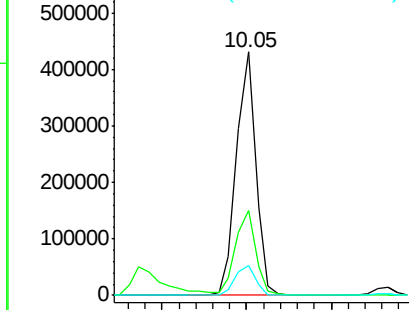
#54
Dibenzenofuran
Concen: 27.42 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	12.4	10.9	16.3

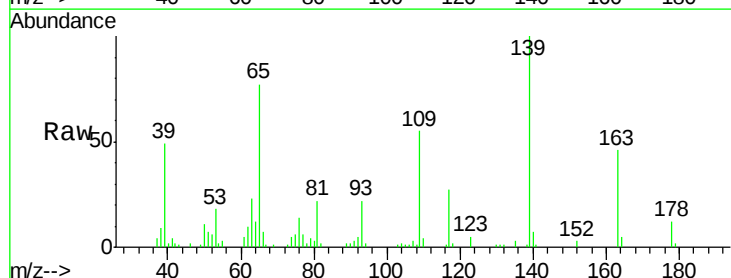


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

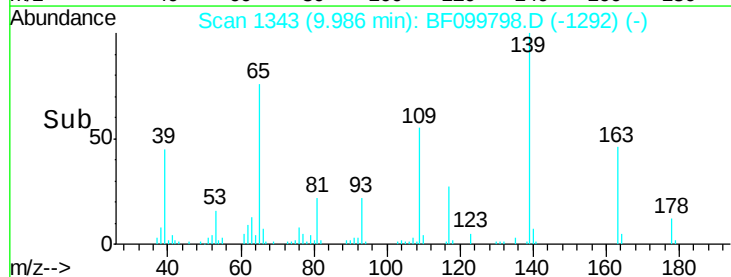
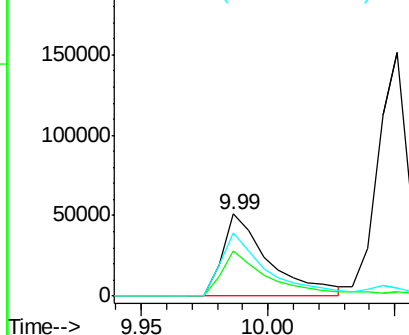


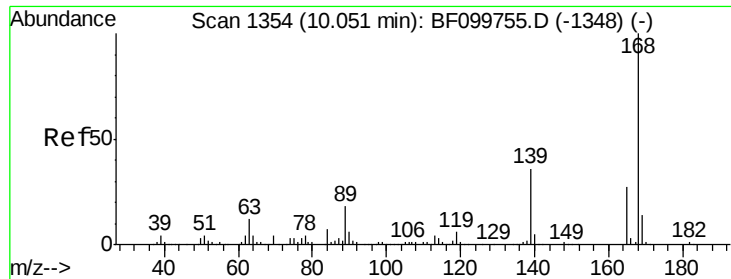
#55
4-Nitrophenol
Concen: 43.89 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	54.6	48.4	88.4
65	76.7	72.6	112.6



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

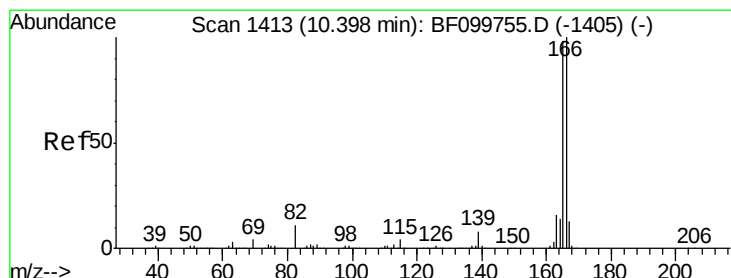
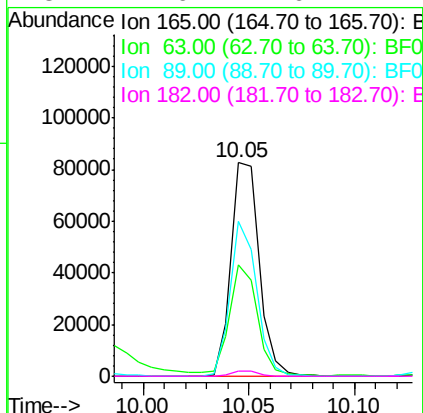
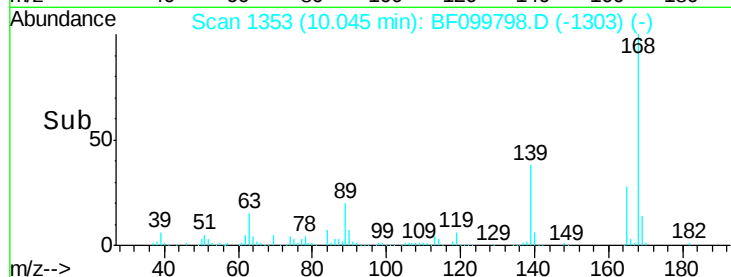
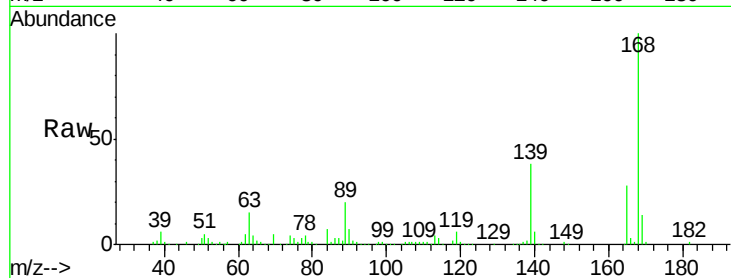




#56
2,4-Dinitrotoluene
Concen: 26.35 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

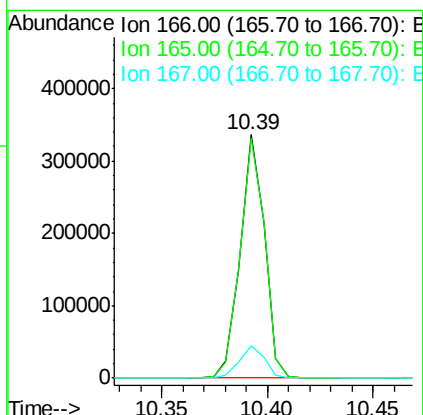
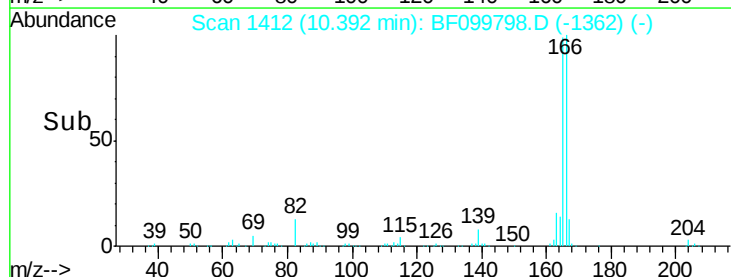
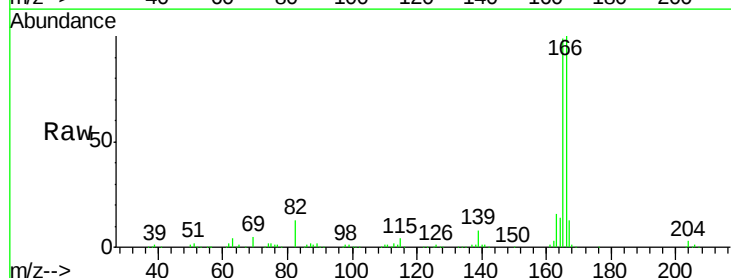
Instrument :
BNA_F
ClientSampleId :

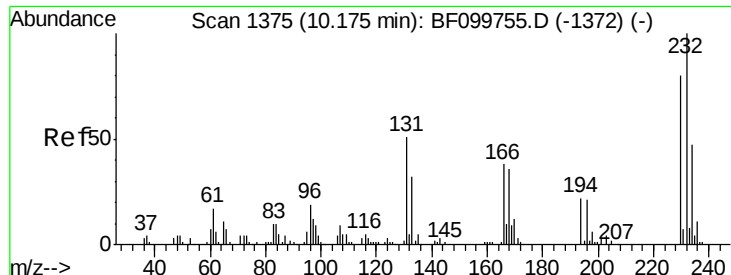
Tot Ion:165 Resp: 76235
Ion Ratio Lower Upper
165 100
63 52.0 36.4 54.6
89 72.2 57.8 86.6
182 2.6 1.6 2.4#



#57
Fluorene
Concen: 25.51 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion:166 Resp: 266046
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.8
167 13.4 10.6 16.0

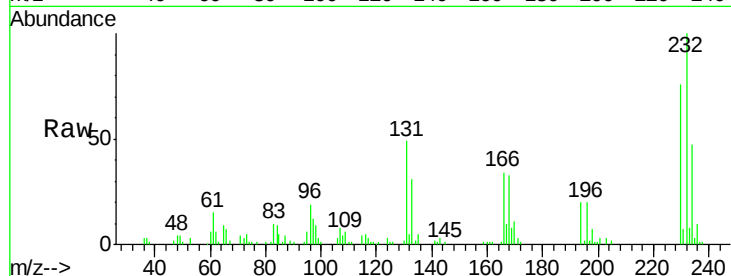




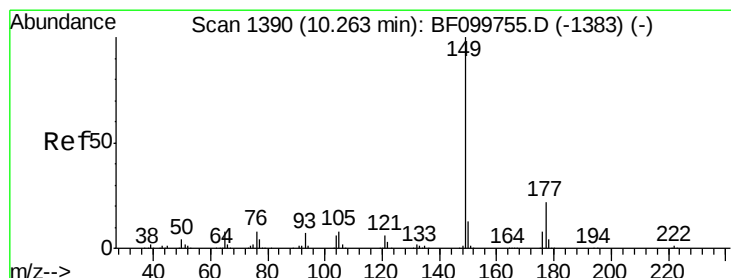
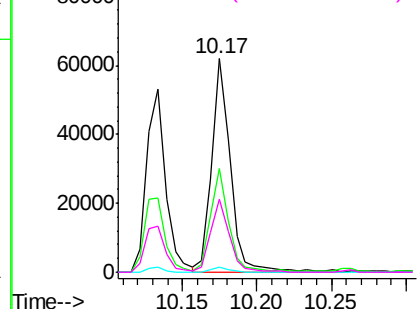
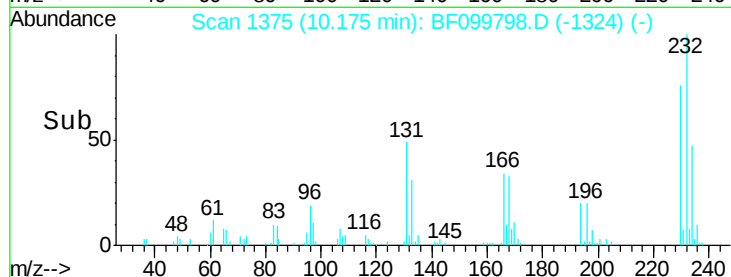
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.73 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	53977
Ion	Ratio	Lower	Upper
232	100		
131	48.1	43.8	65.8
130	2.2	2.1	3.1
166	34.3	27.8	41.6

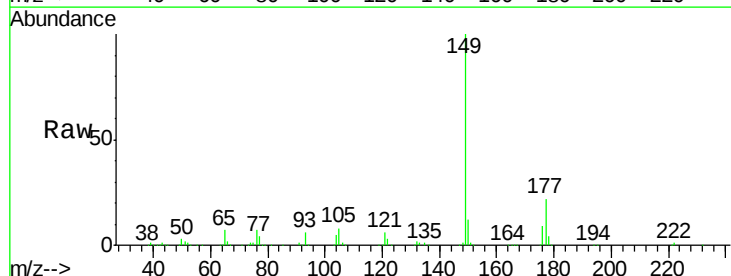


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

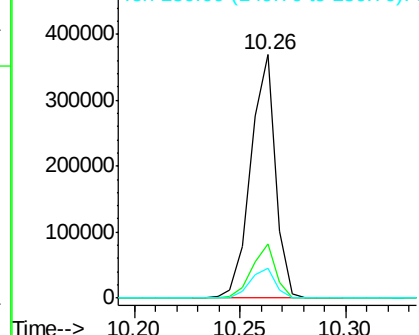
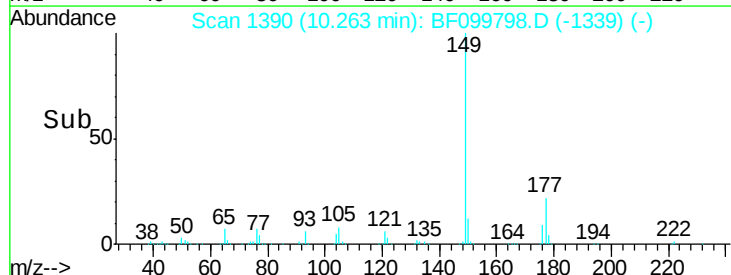


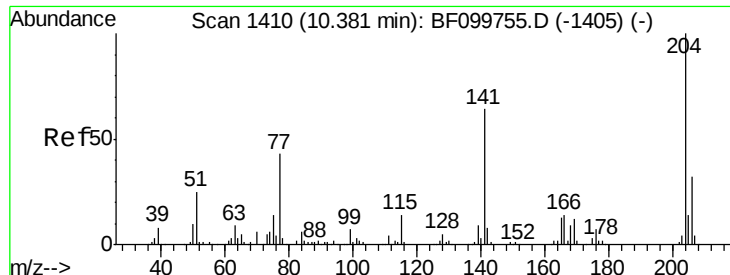
#59
 Diethylphthalate
 Concen: 26.71 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:	149	Resp:	298126
Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.1	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

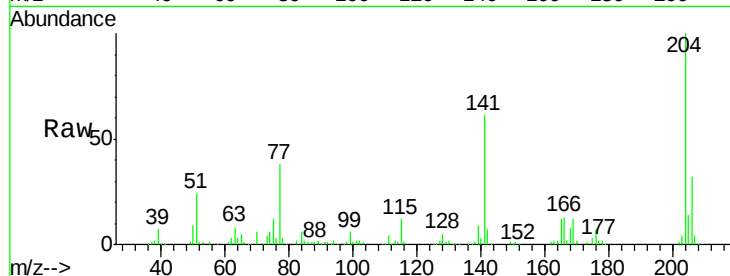




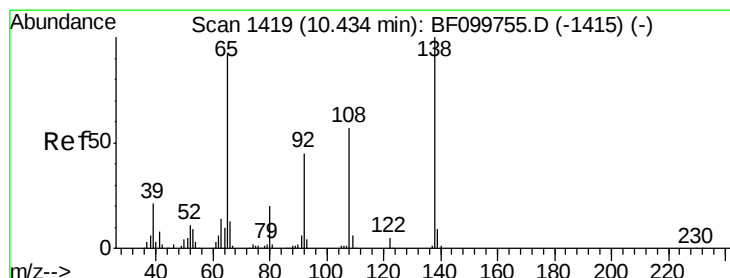
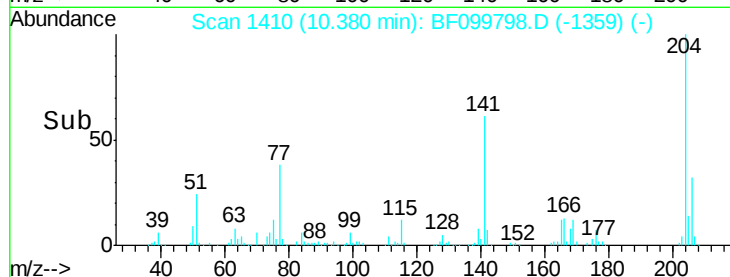
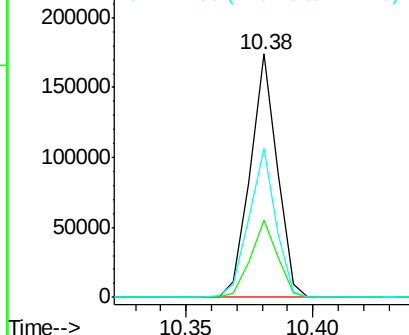
#60
4-Chlorophenyl-phenylether
Concen: 26.36 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 129387
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 60.9 54.6 81.8

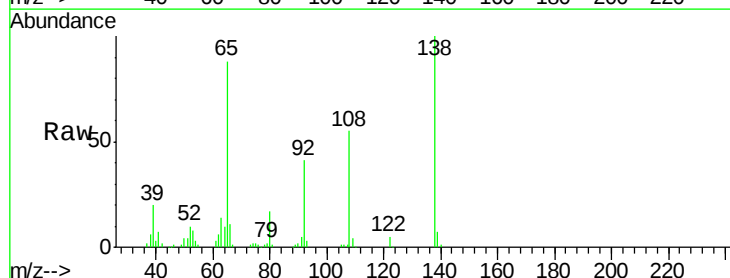


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

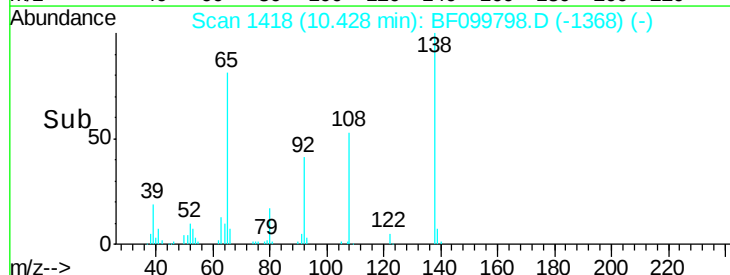
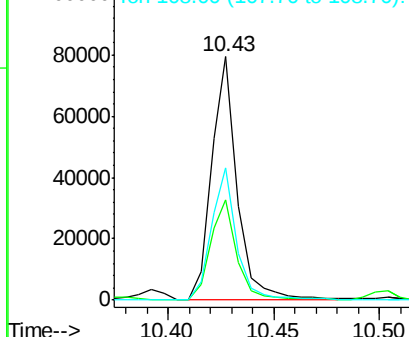


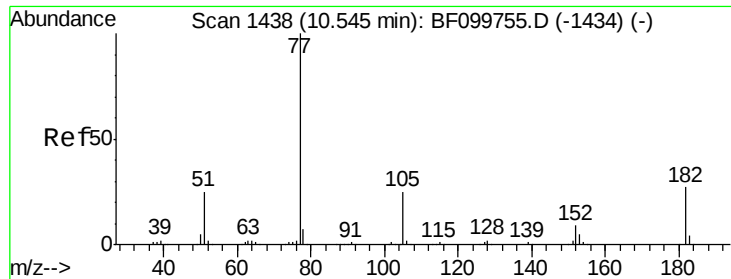
#61
4-Nitroaniline
Concen: 24.80 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion:138 Resp: 66982
Ion Ratio Lower Upper
138 100
92 41.1 30.2 70.2
108 54.6 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: 26.82 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 250912

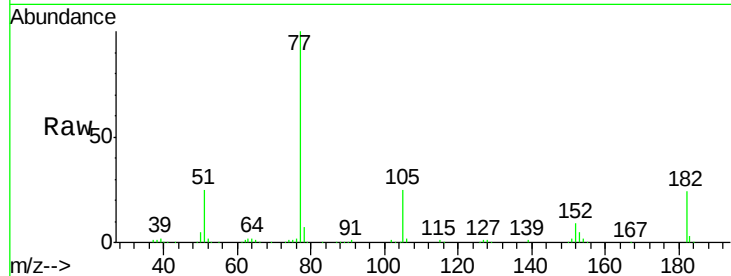
Ion Ratio Lower Upper

77 100

182 23.9 1.7 41.7

105 24.5 3.0 43.0

51 25.0 9.9 49.9

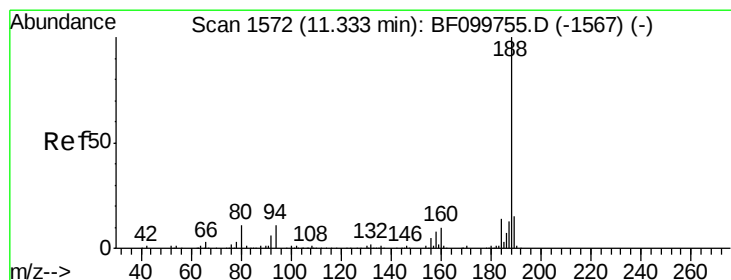
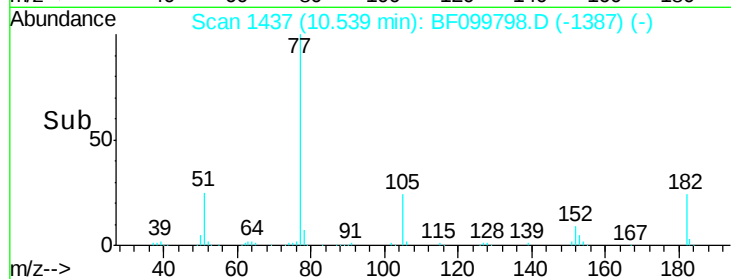
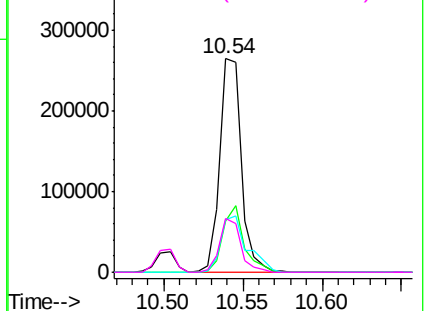


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

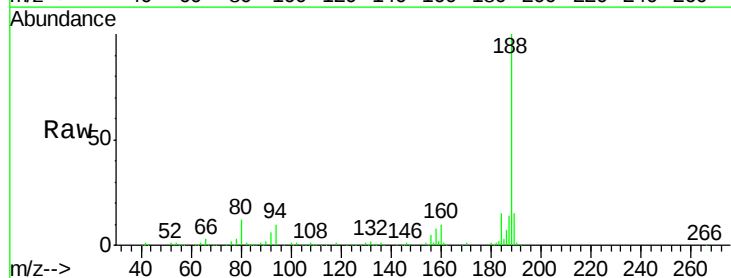
Tgt Ion: 188 Resp: 208322

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

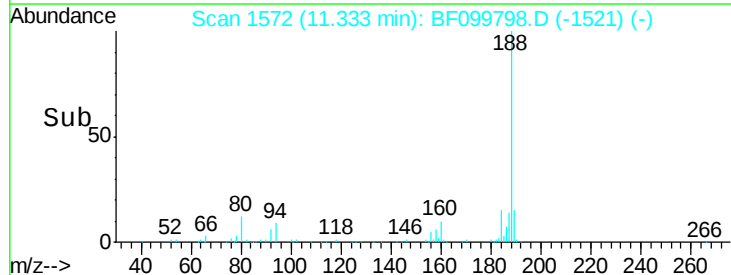
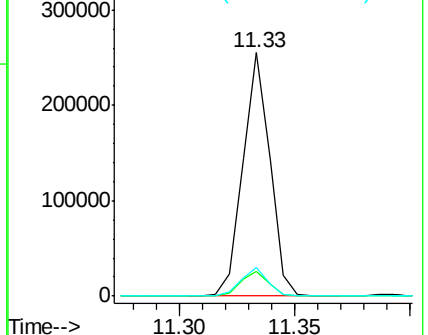
80 11.9 9.2 13.8

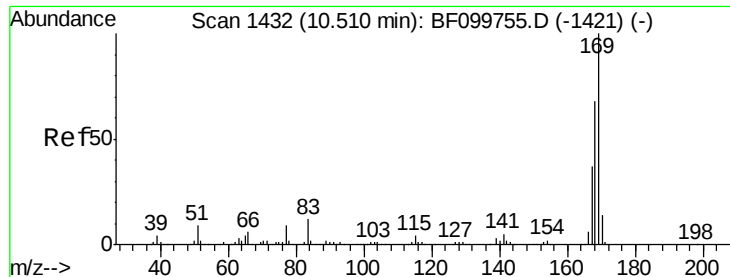


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

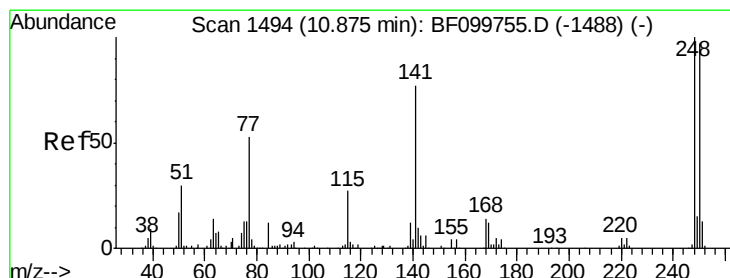
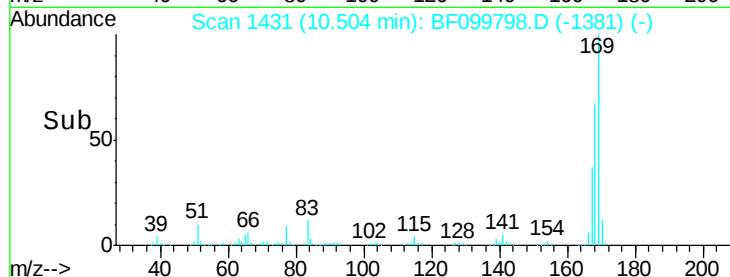
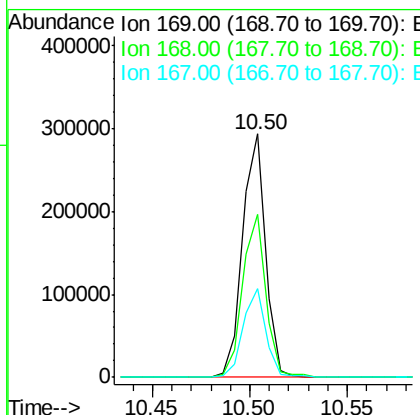
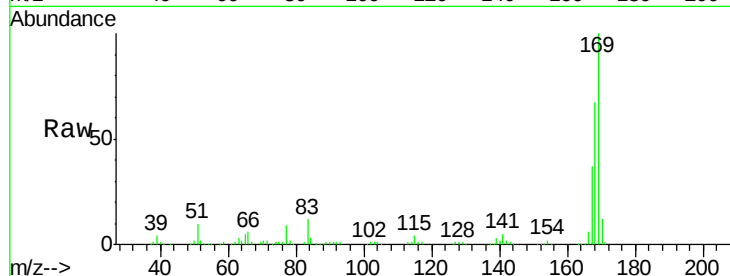




#65
 n-Nitrosodiphenylamine
 Concen: 31.17 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

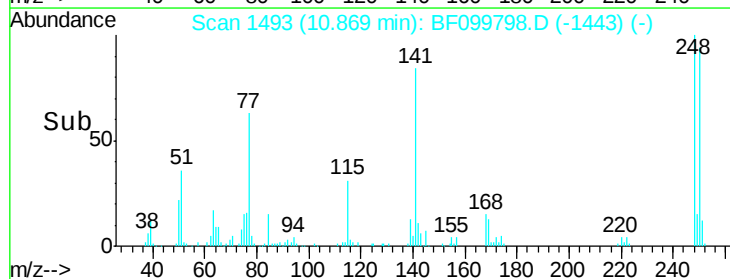
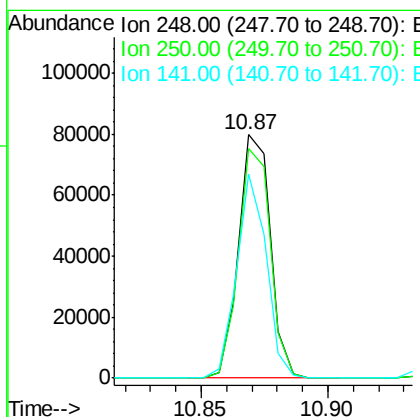
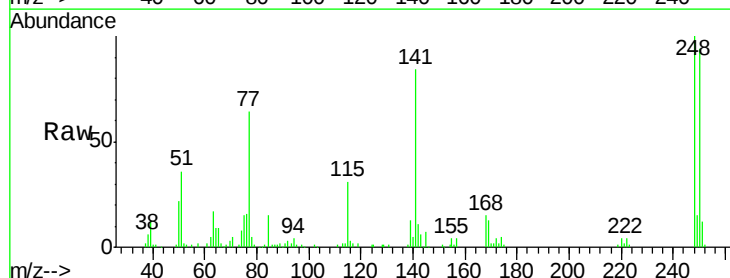
Instrument :
 BNA_F
 ClientSampleId :

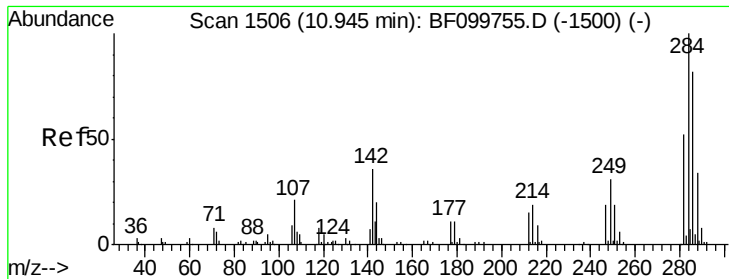
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	36.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 31.68 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.3	76.9	115.3
141	83.7	74.4	111.6

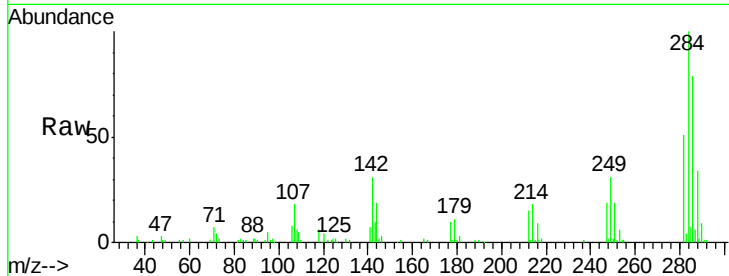




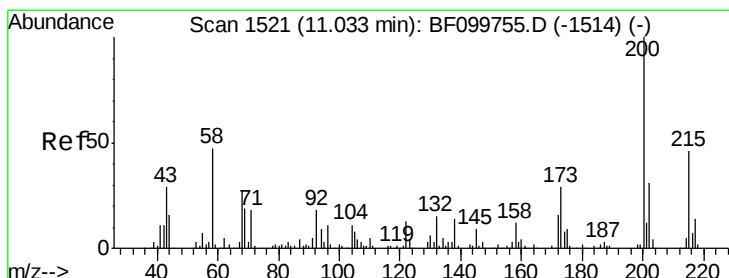
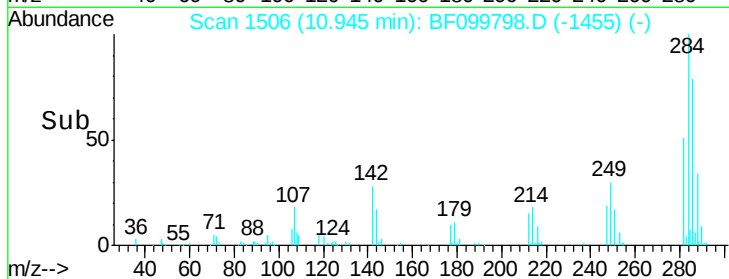
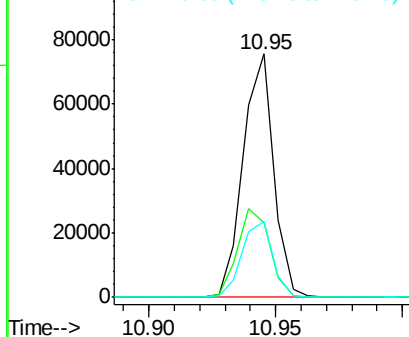
#67
Hexachlorobenzene
Concen: 28.18 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 63232
Ion Ratio Lower Upper
284 100
142 30.8 34.6 52.0#
249 31.1 24.8 37.2

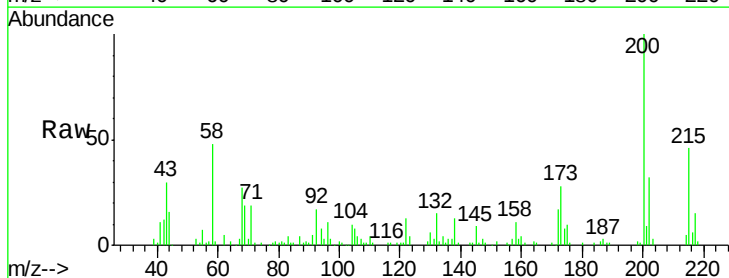


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

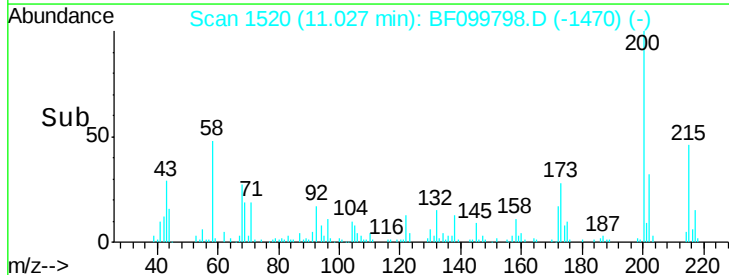
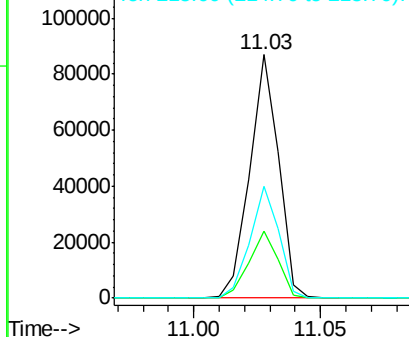


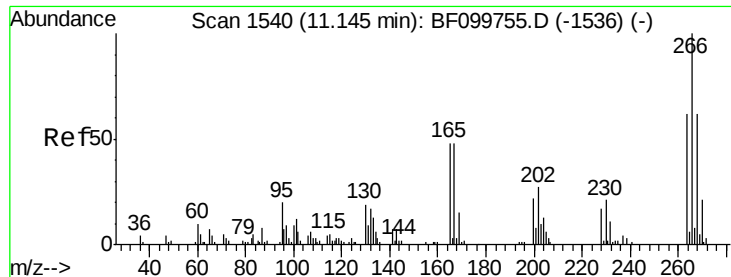
#68
Atrazine
Concen: 29.84 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion:200 Resp: 68925
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 46.1 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

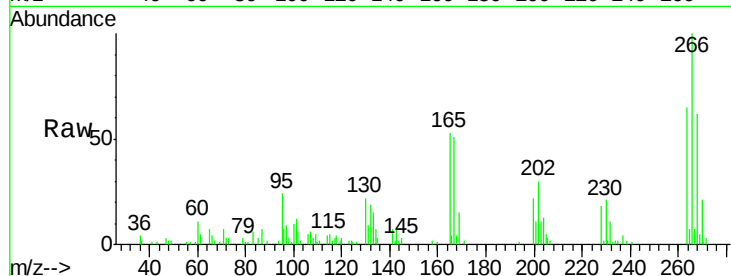




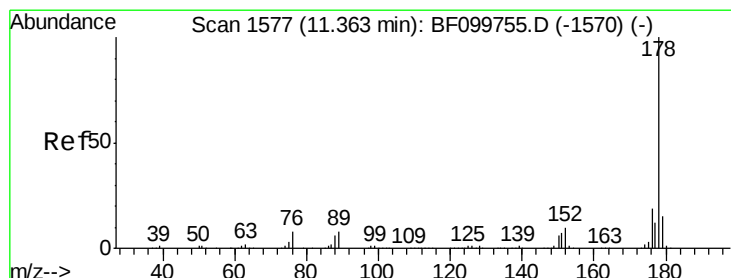
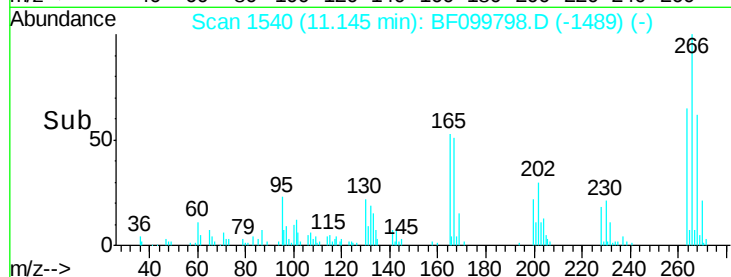
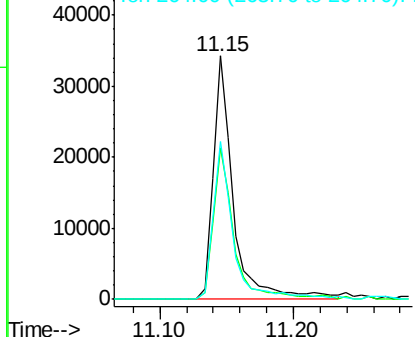
#69
 Pentachlorophenol
 Concen: 37.88 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 36317
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 64.9 49.5 74.3

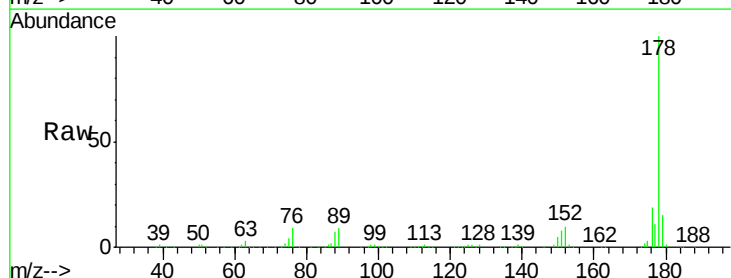


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

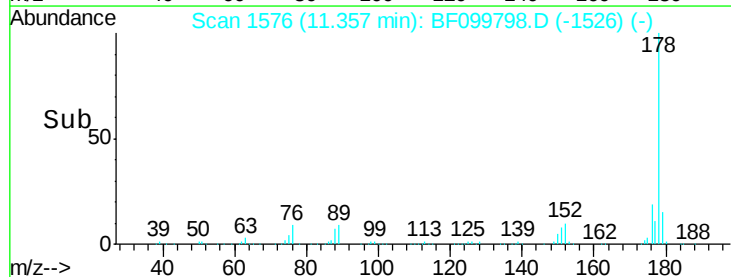
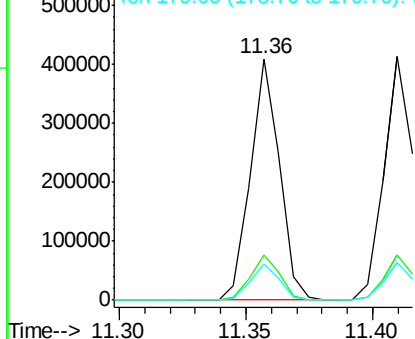


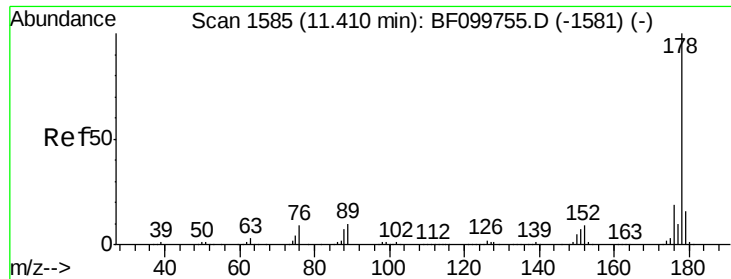
#70
 Phenanthrene
 Concen: 27.67 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:178 Resp: 325326
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

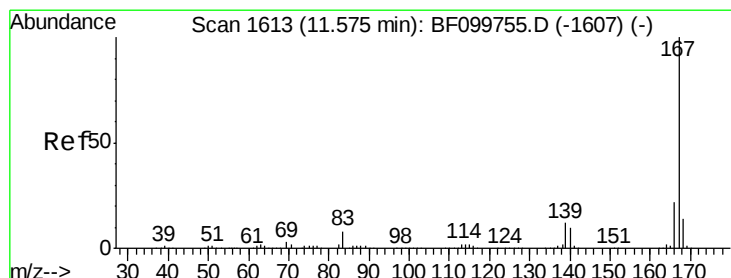
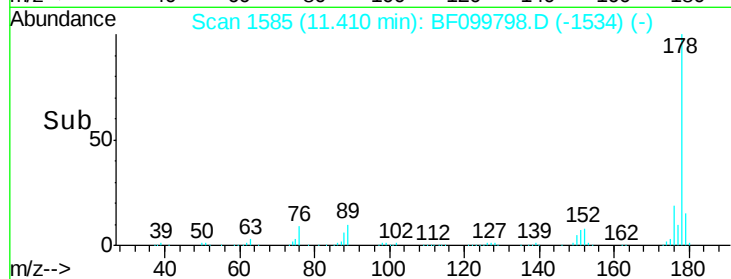
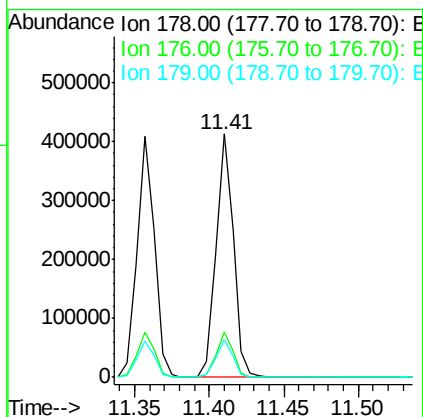
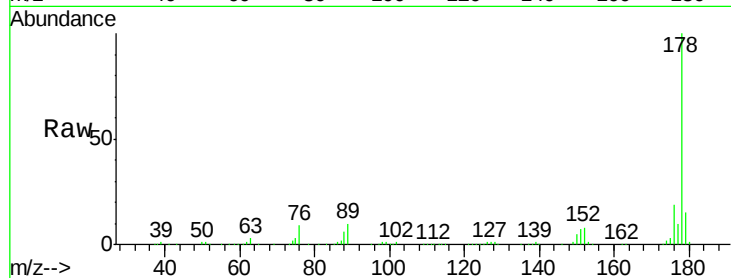




#71
 Anthracene
 Concen: 28.08 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

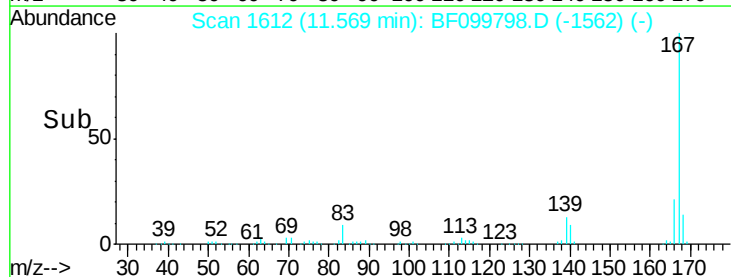
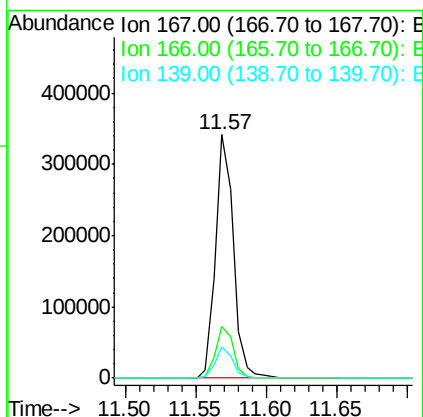
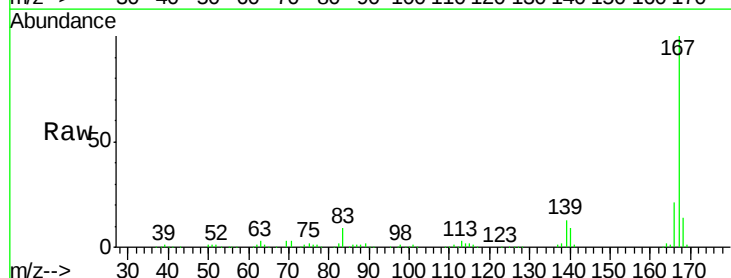
Instrument :
 BNA_F
 ClientSampleId :

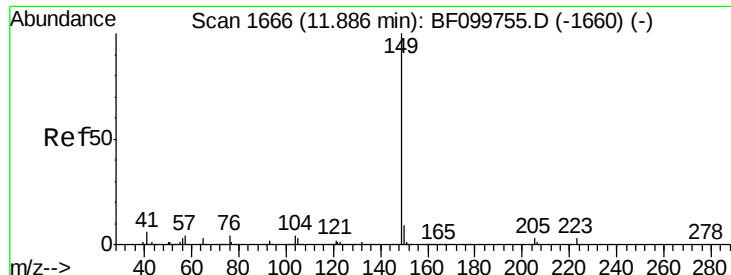
Tot Ion:178 Resp: 335152
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 26.80 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:167 Resp: 300722
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 28.66 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

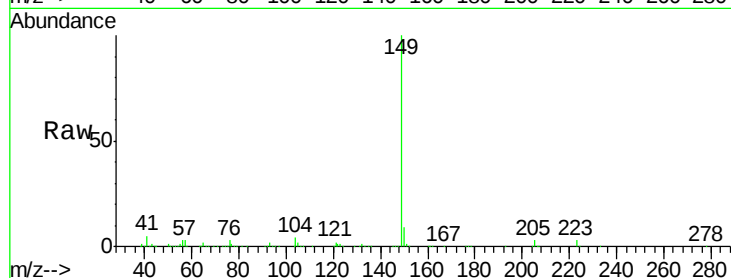
Tot Ion:149 Resp: 410247

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

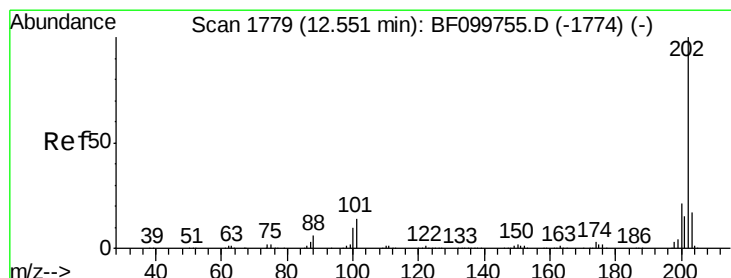
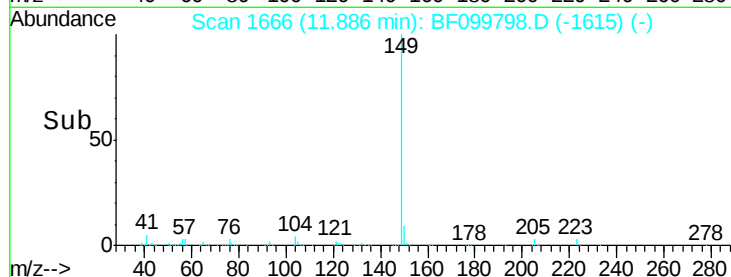
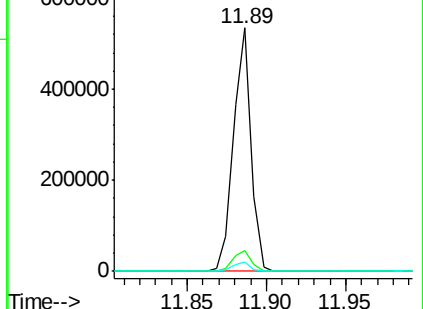
104 3.9 3.8 5.8



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: 23.53 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

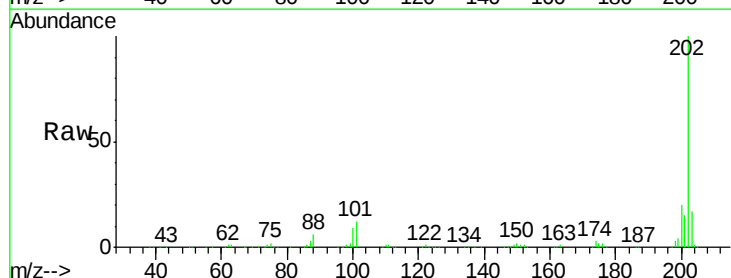
Tgt Ion:202 Resp: 287531

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

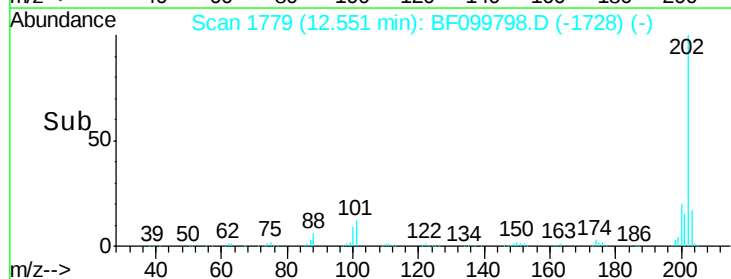
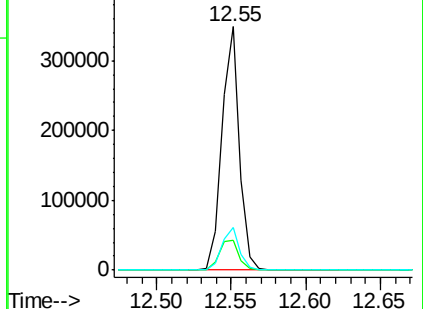
203 17.3 0.0 38.1

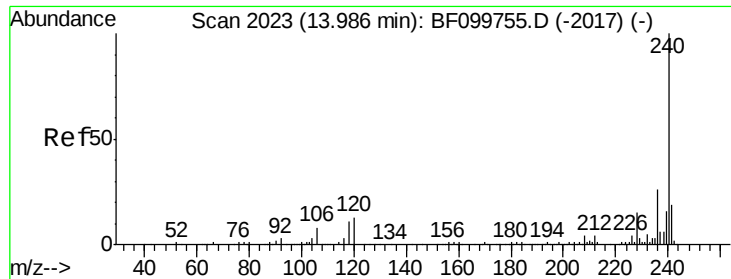


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

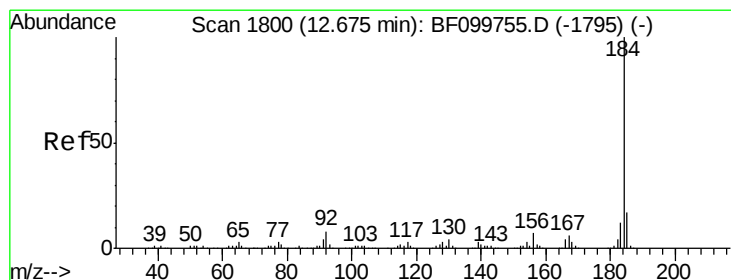
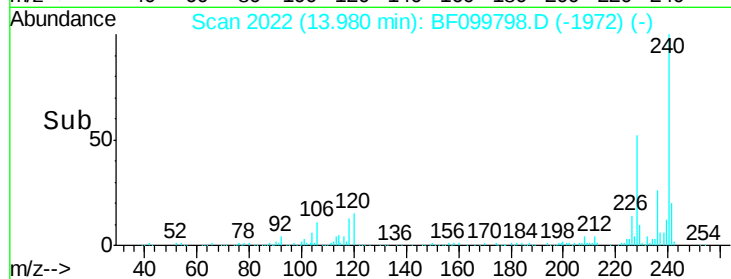
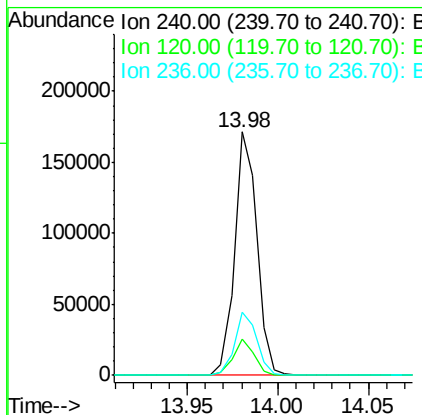
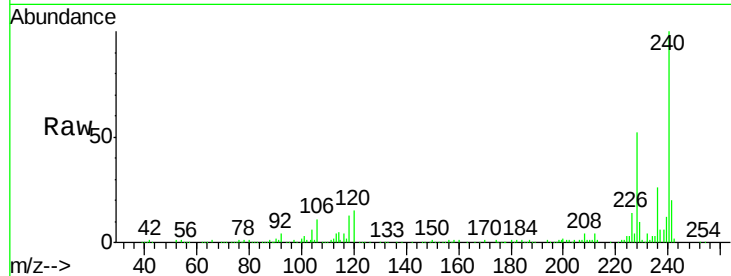




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

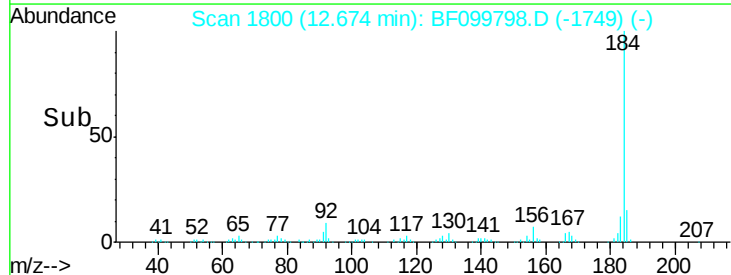
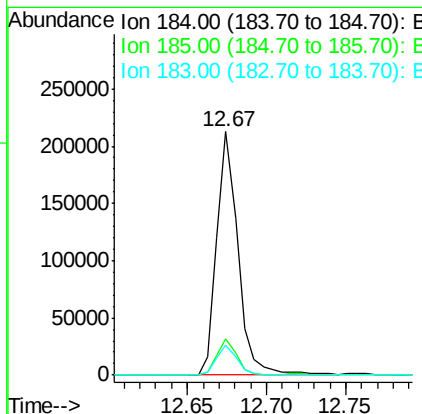
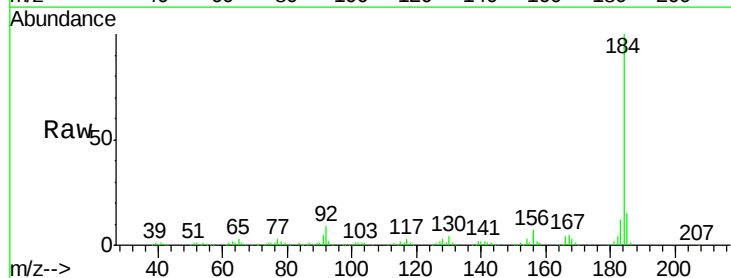
Instrument :
 BNA_F
 ClientSampleId :

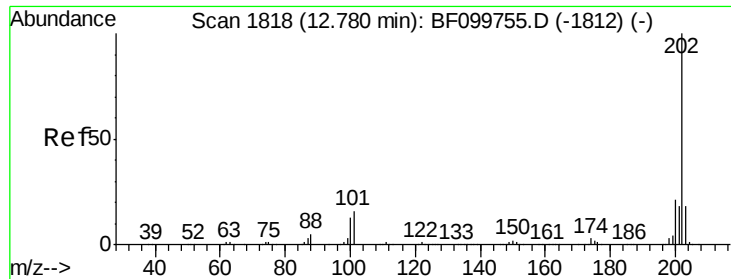
Tot Ion:240 Resp: 147152
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.7 20.7 31.1



#76
 Benzidine
 Concen: 30.89 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:184 Resp: 198924
 Ion Ratio Lower Upper
 184 100
 185 14.7 12.6 18.8
 183 12.1 9.3 13.9

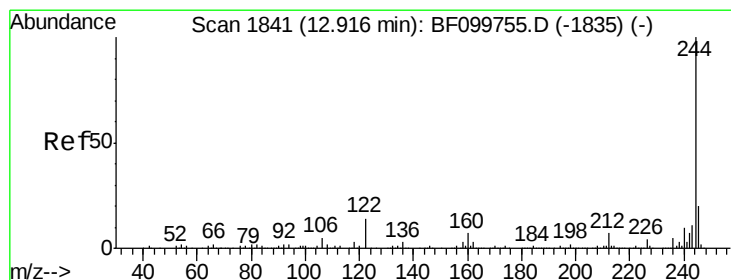
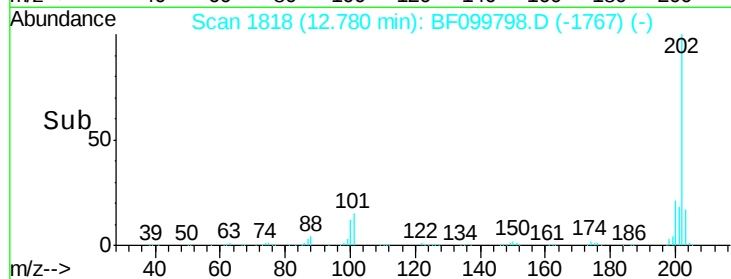
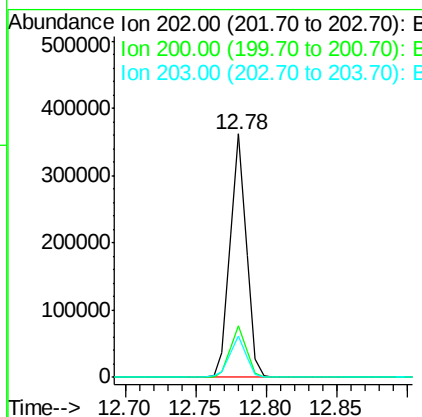
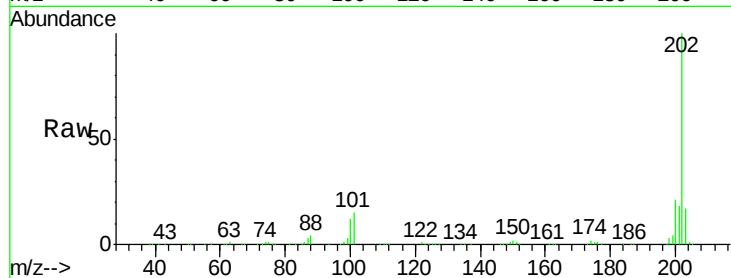




#77
Pvrene
Concen: 26.24 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

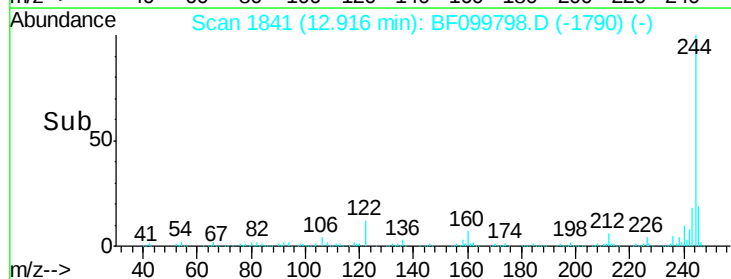
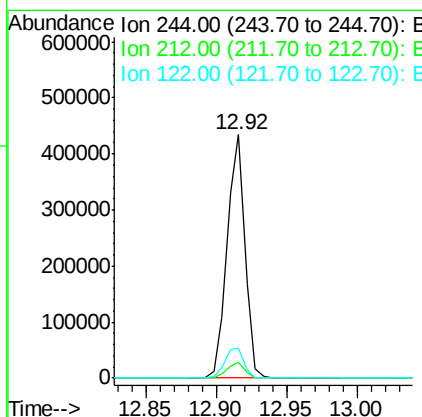
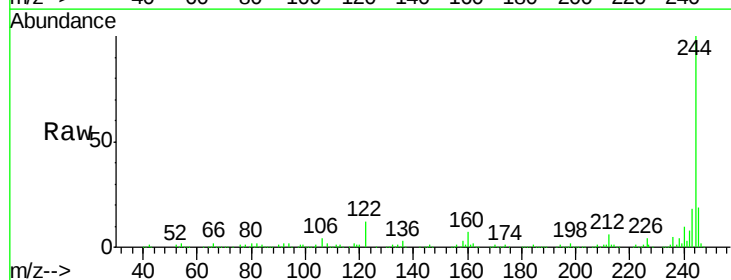
Instrument :
BNA_F
ClientSampleId :

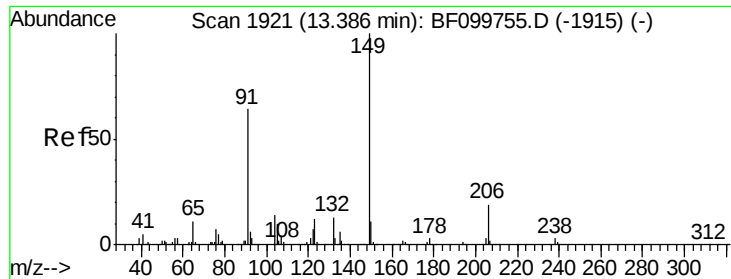
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	16.9	14.3	21.5



#78
Terphenyl-d14
Concen: 56.45 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.3	11.0	16.4

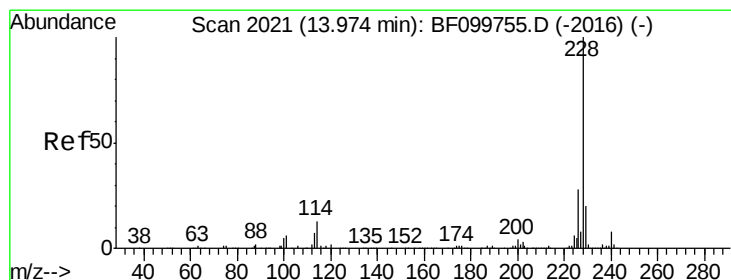
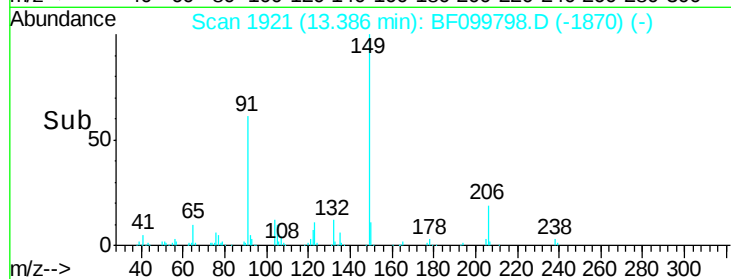
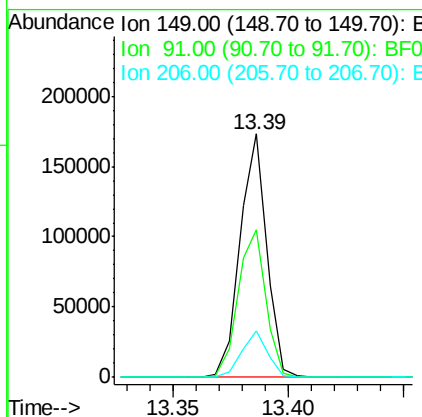
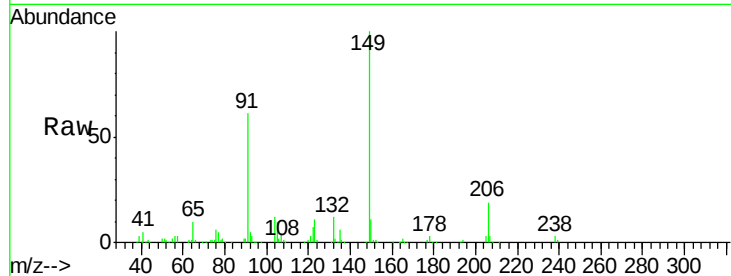




#79
 Butylbenzylphthalate
 Concen: 25.35 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

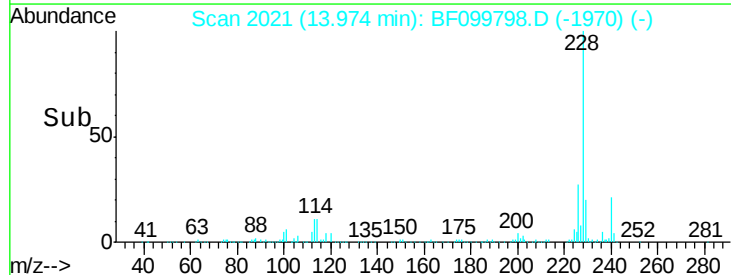
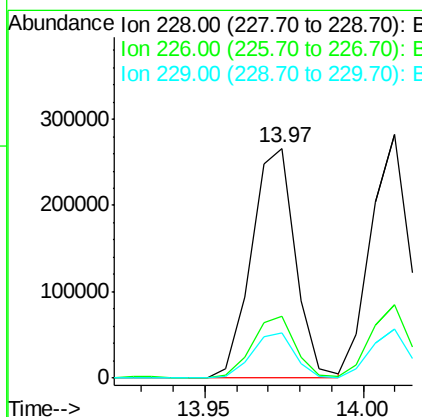
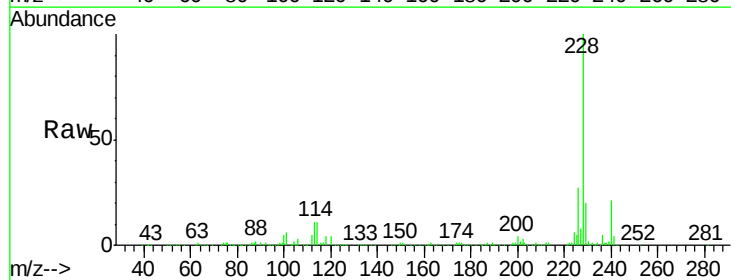
Instrument :
 BNA_F
 ClientSampleId :

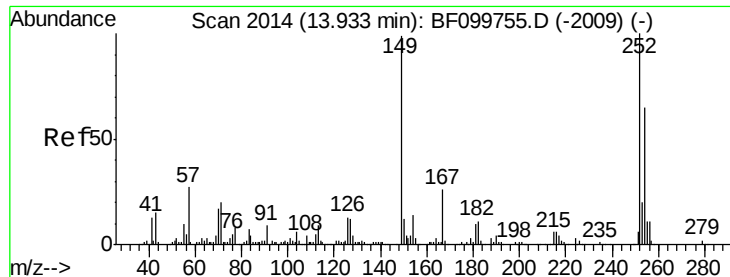
Tot Ion:	149	Resp:	139671
Ion	Ratio	Lower	Upper
149	100		
91	60.8	56.8	85.2
206	19.2	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 27.45 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:	228	Resp:	256022
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.6	15.8	23.6

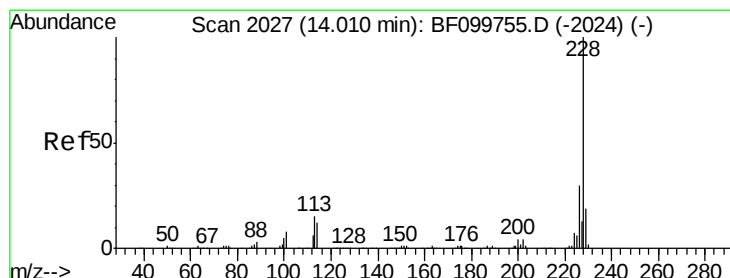
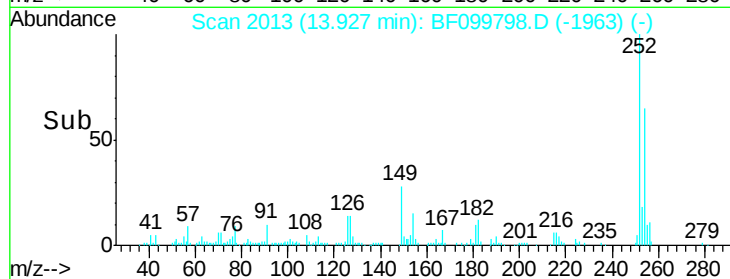
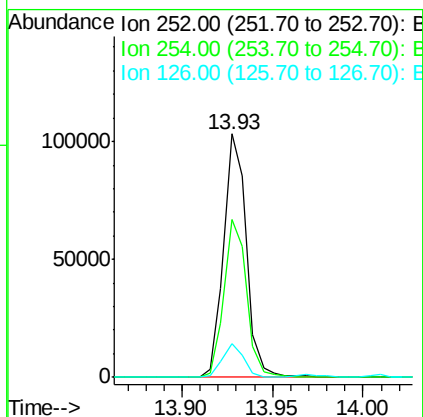
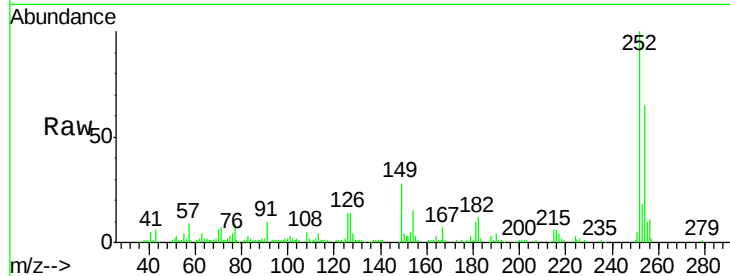




#81
 3,3'-Dichlorobenzidine
 Concen: 26.74 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

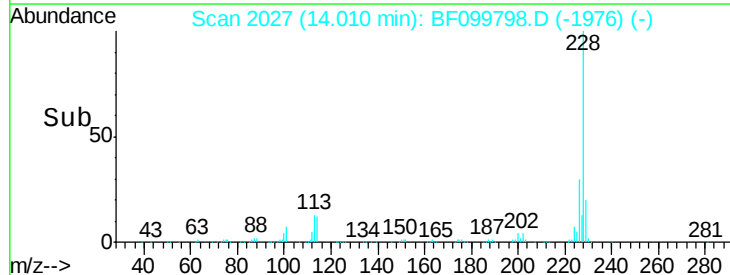
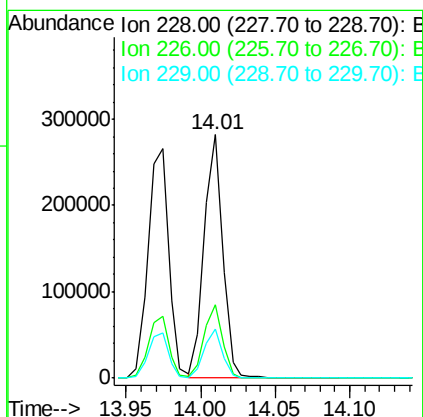
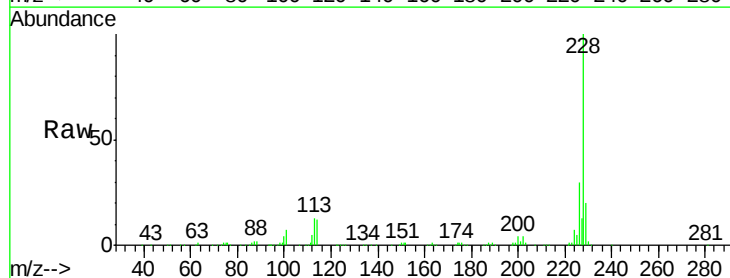
Instrument :
 BNA_F
 ClientSampleId :

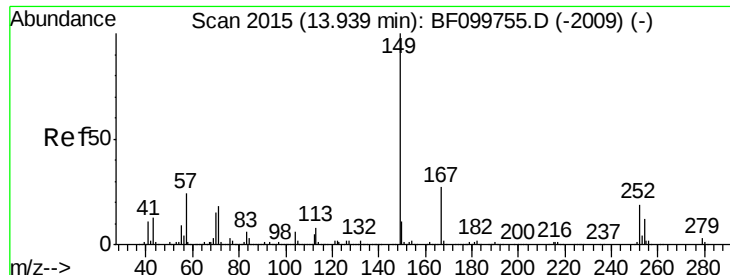
Tot Ion:252 Resp: 90558
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 13.9 11.3 16.9



#82
 Chrysene
 Concen: 27.61 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF099798.D
 Acq: 24 Oct 2017 19:56

Tgt Ion:228 Resp: 242180
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.08 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

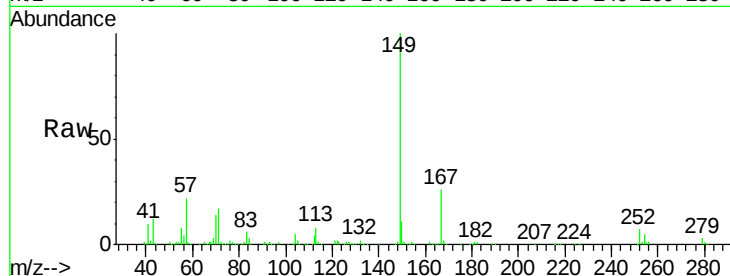
Tot Ion:149 Resp: 201790

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

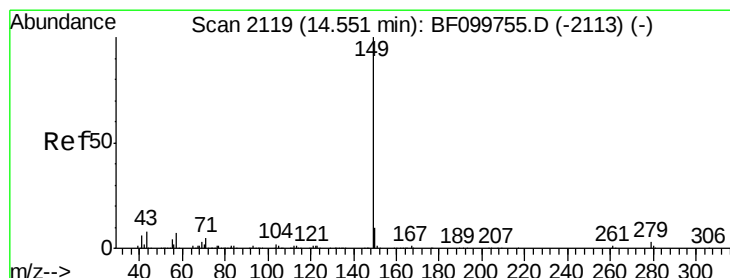
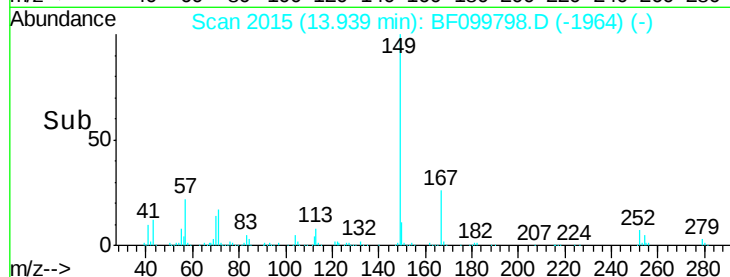
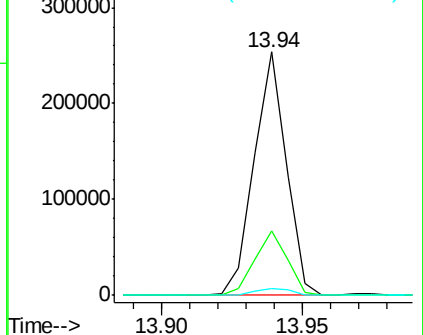
279 3.0 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 26.11 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

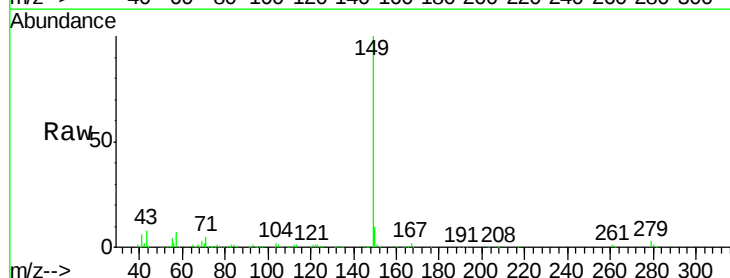
Tgt Ion:149 Resp: 346702

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

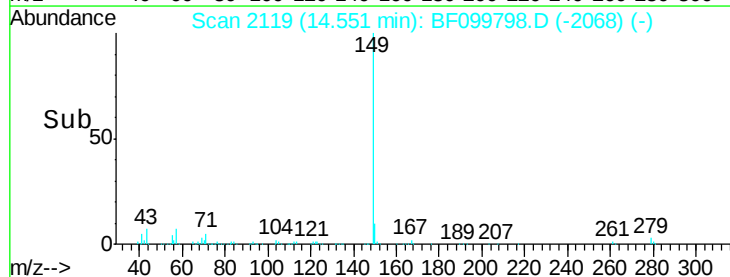
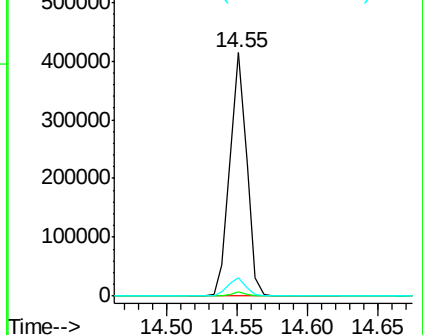
43 7.3 8.4 12.6#

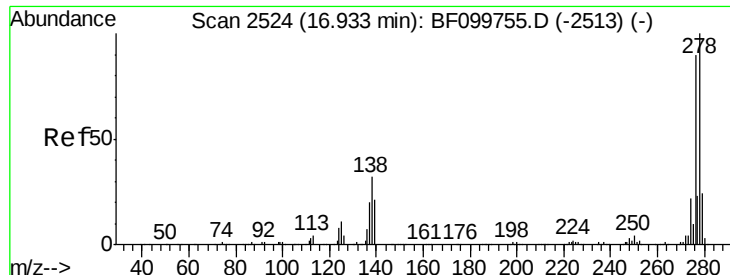


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

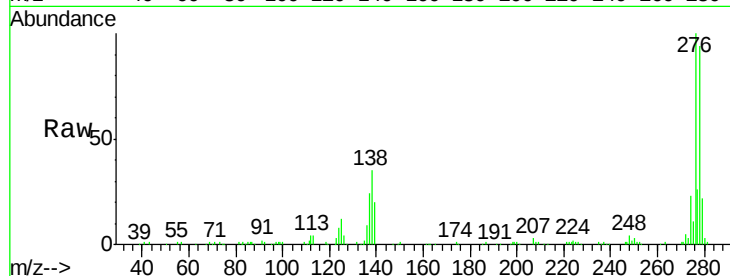




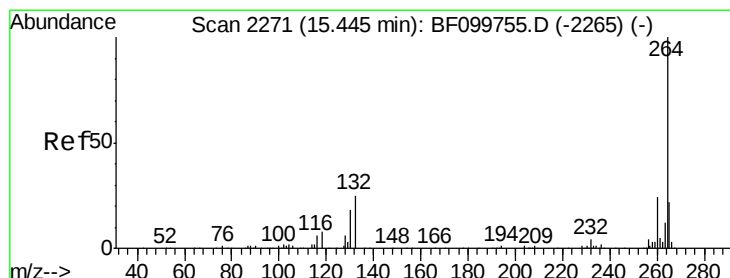
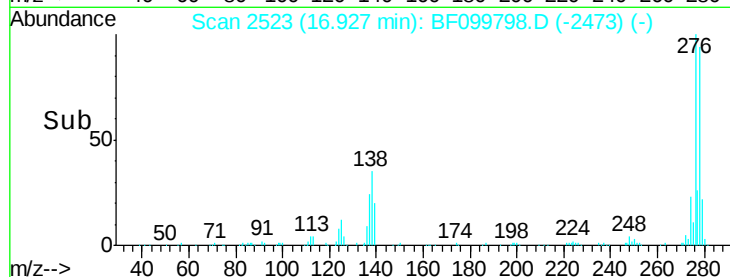
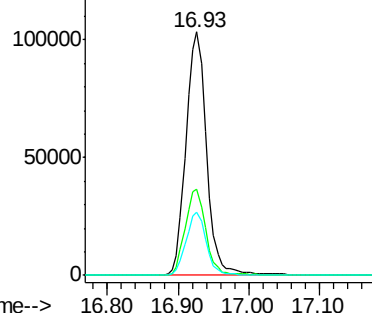
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.15 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.2	20.1	30.1

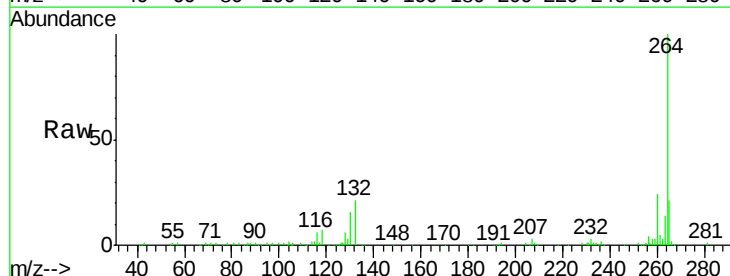


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

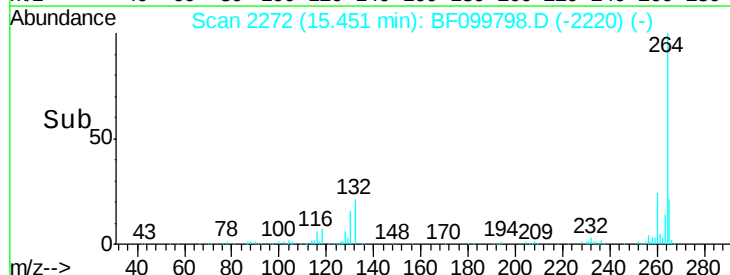
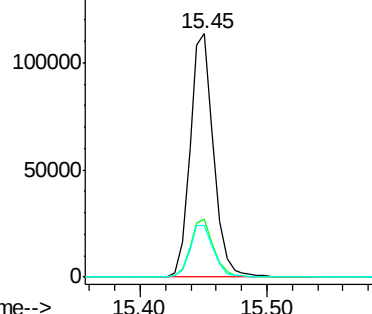


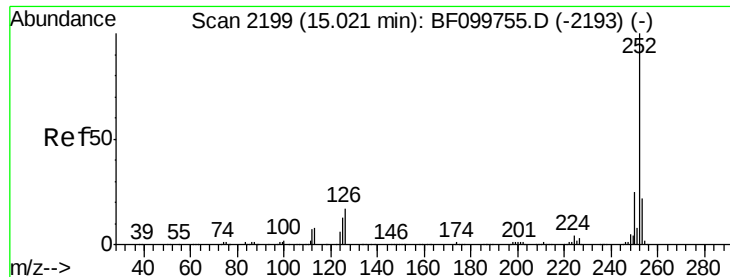
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

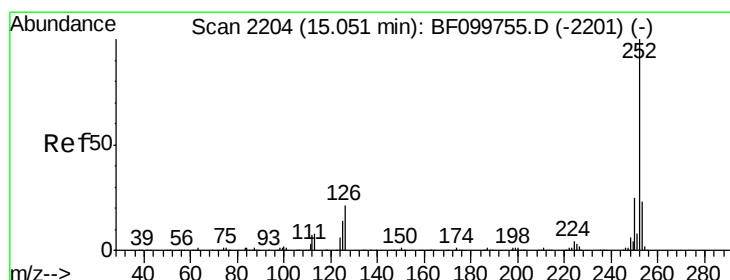
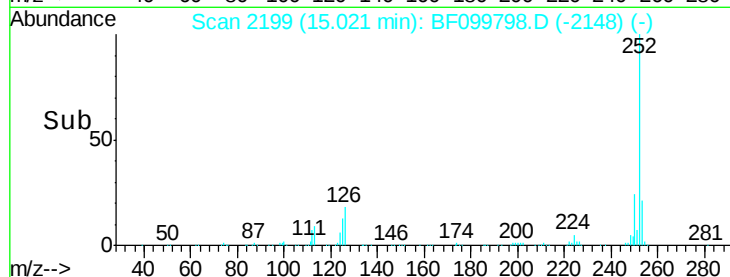
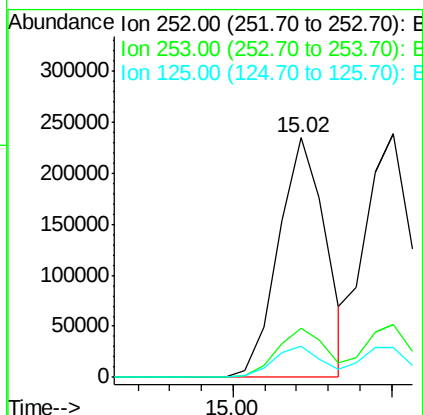
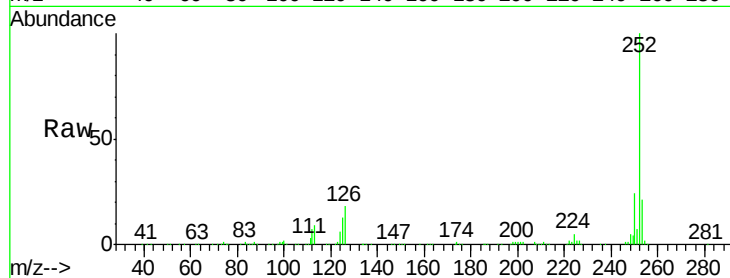




#87
Benzo(b)fluoranthene
Concen: 26.55 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

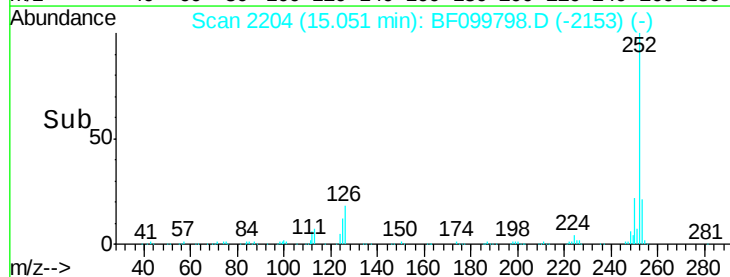
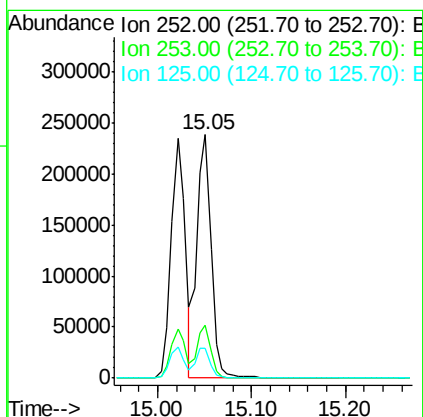
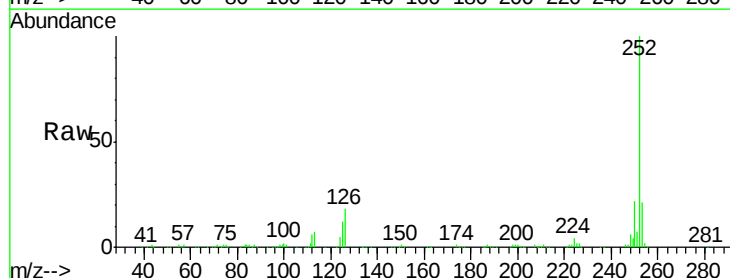
Instrument :
BNA_F
ClientSampleId :

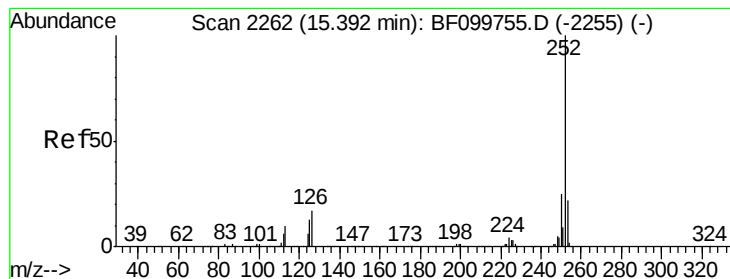
Tot Ion:252 Resp: 243651
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 13.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 29.21 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF099798.D
Acq: 24 Oct 2017 19:56

Tgt Ion:252 Resp: 252754
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 28.70 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :

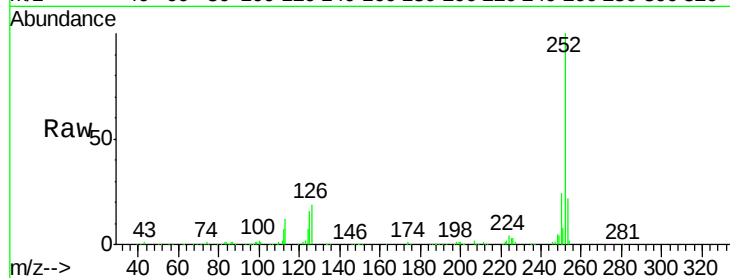
Tot Ion:252 Resp: 236567

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

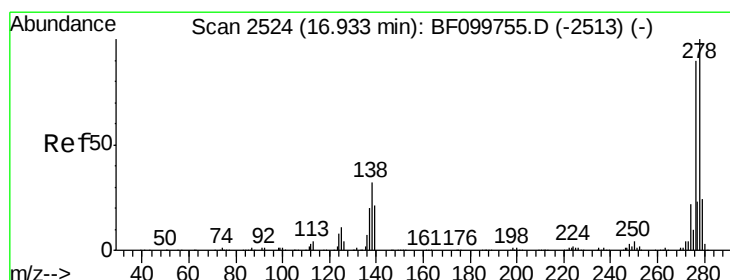
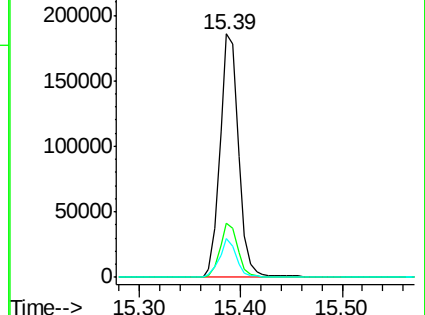
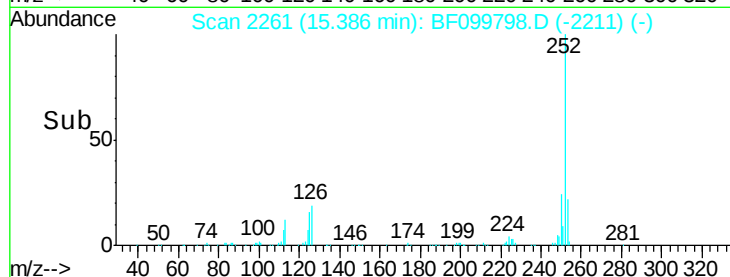
125 15.7 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 25.37 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

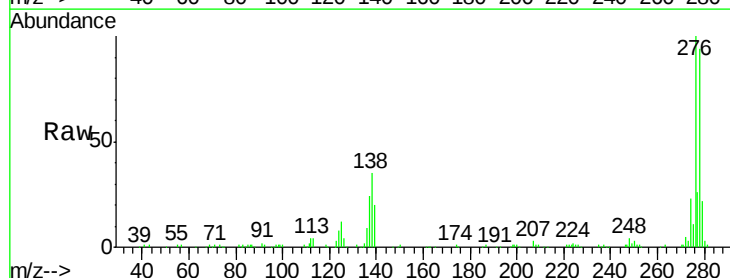
Tgt Ion:278 Resp: 185849

Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

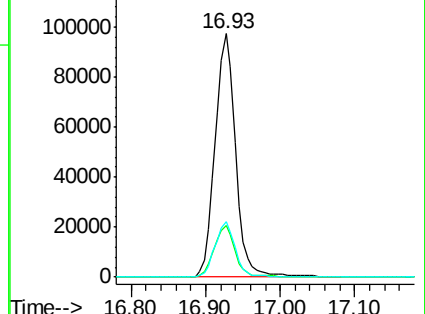
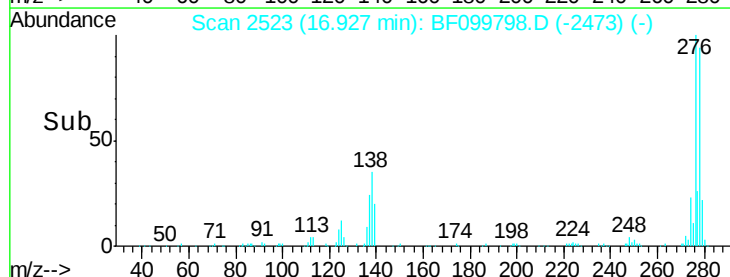
279 22.9 19.0 28.4

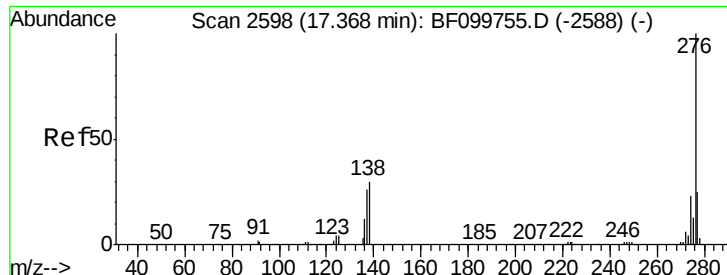


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 22.74 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.00 min

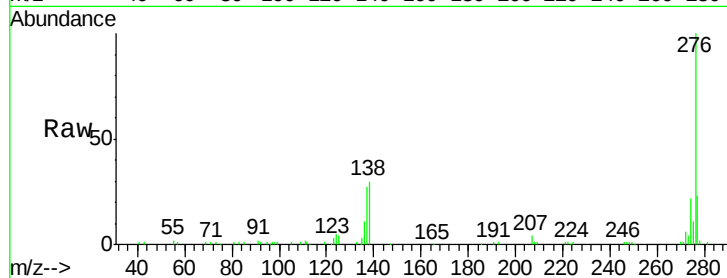
Lab File: BF099798.D

Acq: 24 Oct 2017 19:56

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 162972

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 30.1 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

