

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099464.D
 Acq On : 14 Oct 2017 3:13
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 14 04:04:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	87454	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	343130	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	139597	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	190251	20.00	ng	0.00
75) Chrysene-d12	14.02	240	144606	20.00	ng	0.00
86) Perylene-d12	15.49	264	167912	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	472803	86.06	ng	0.00
7) Phenol-d6	6.50	99	548593	80.95	ng	0.01
23) Nitrobenzene-d5	7.42	82	443896	82.96	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	79916	69.96	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	780859	93.38	ng	0.00
78) Terphenyl-d14	12.96	244	489959	77.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	106816	40.70	ng	92
3) Pyridine	3.40	79	276821	38.99	ng	93
4) n-Nitrosodimethylamine	3.34	42	106027	35.22	ng	83
6) Aniline	6.52	93	353755	38.68	ng	100
8) 2-Chlorophenol	6.65	128	260141	41.81	ng	93
9) Benzaldehyde	6.41	77	142019	36.13	ng	97
10) Phenol	6.51	94	323076	42.63	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	237423	40.29	ng	97
12) 1,3-Dichlorobenzene	6.80	146	276211	42.39	ng	96
13) 1,4-Dichlorobenzene	6.87	146	281408	42.45	ng	97
14) 1,2-Dichlorobenzene	7.03	146	257983	42.12	ng	97
15) Benzyl Alcohol	7.00	79	176009	35.40	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	319948	34.85	ng	90
17) 2-Methylphenol	7.12	107	198163	38.93	ng	98
18) Hexachloroethane	7.36	117	94442	39.64	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	148944	34.42	ng	92
20) 3+4-Methylphenols	7.27	107	237013	36.80	ng	# 62
22) Acetophenone	7.27	105	323284	38.89	ng	# 97
24) Nitrobenzene	7.44	77	247003	40.70	ng	97
25) Isophorone	7.68	82	424473	38.37	ng	97
26) 2-Nitrophenol	7.76	139	135565	46.45	ng	90
27) 2,4-Dimethylphenol	7.79	122	212440	38.54	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	279359	40.52	ng	100
29) 2,4-Dichlorophenol	8.00	162	197564	41.75	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	204897	43.29	ng	97
31) Naphthalene	8.16	128	676562	41.98	ng	99
32) Benzoic acid	7.92	122	116425	25.71	ng	98
33) 4-Chloroaniline	8.21	127	274580	40.80	ng	98
34) Hexachlorobutadiene	8.27	225	104097	42.70	ng	98
35) Caprolactam	8.59	113	53193	35.04	ng	# 83
36) 4-Chloro-3-methylphenol	8.69	107	199983	37.60	ng	97
37) 2-Methylnaphthalene	8.85	142	423420	40.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	193634	46.51	ng	98
40) Hexachlorocyclopentadiene	9.00	237	42557	22.37	ng	96

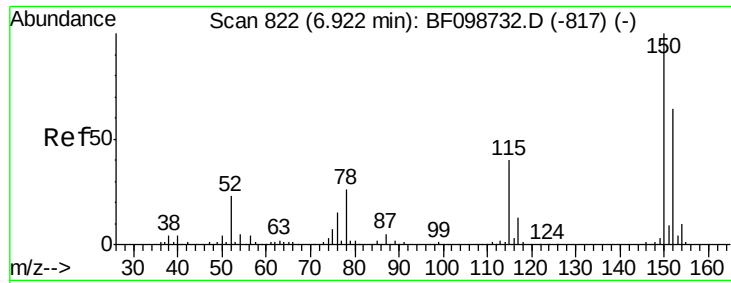
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099464.D
 Acq On : 14 Oct 2017 3:13
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 14 04:04:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	119287	40.45	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	117671	39.97	ng	97
45) 1,1'-Biphenyl	9.31	154	534887	44.58	ng	100
46) 2-Chloronaphthalene	9.34	162	391666	43.48	ng	98
47) 2-Nitroaniline	9.44	65	105747	38.34	ng	98
48) Acenaphthylene	9.76	152	568260	41.21	ng	99
49) Dimethylphthalate	9.61	163	445164	42.25	ng	100
50) 2,6-Dinitrotoluene	9.68	165	96249	41.96	ng	91
51) Acenaphthene	9.93	154	339251	38.84	ng	99
52) 3-Nitroaniline	9.85	138	103758	38.79	ng	95
53) 2,4-Dinitrophenol	9.97	184	16758	18.84	ng	93
54) Dibenzofuran	10.10	168	464779	39.96	ng	99
55) 4-Nitrophenol	10.02	139	47620	21.06	ng	89
56) 2,4-Dinitrotoluene	10.09	165	112100	37.66	ng	94
57) Fluorene	10.44	166	373934	40.00	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	64754	31.84	ng	99
59) Diethylphthalate	10.31	149	400667	38.92	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	170481	40.60	ng	99
61) 4-Nitroaniline	10.47	138	89535	34.70	ng	87
62) Azobenzene	10.59	77	334233	35.31	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	39965	34.53	ng	82
65) n-Nitrosodiphenylamine	10.55	169	326072	49.47	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	90667	48.69	ng	# 90
67) Hexachlorobenzene	10.99	284	91407	45.96	ng	98
68) Atrazine	11.07	200	86757	43.75	ng	99
69) Pentachlorophenol	11.19	266	27777	22.44	ng	96
70) Phenanthrene	11.40	178	442951	43.50	ng	98
71) Anthracene	11.46	178	448236	43.02	ng	99
72) Carbazole	11.62	167	406198	39.81	ng	99
73) Di-n-butylphthalate	11.93	149	510794	41.59	ng	98
74) Fluoranthene	12.59	202	392253	38.04	ng	99
76) Benzidine	12.72	184	180621	33.77	ng	99
77) Pyrene	12.82	202	407332	36.94	ng	98
79) Butylbenzylphthalate	13.43	149	182805	35.27	ng	98
80) Benzo(a)anthracene	14.01	228	369475	42.20	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	137013	42.68	ng	99
82) Chrysene	14.05	228	355156	42.60	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	255183	35.76	ng	99
84) Di-n-octyl phthalate	14.60	149	498179	43.36	ng	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	422861	63.41	ng	96
87) Benzo(b)fluoranthene	15.07	252	408358	39.55	ng	98
88) Benzo(k)fluoranthene	15.10	252	394145	38.65	ng	98
89) Benzo(a)pyrene	15.43	252	399881	42.20	ng	# 96
90) Dibenzo(a,h)anthracene	17.00	278	349937	46.14	ng	98
91) Benzo(g,h,i)perylene	17.44	276	338927	45.21	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

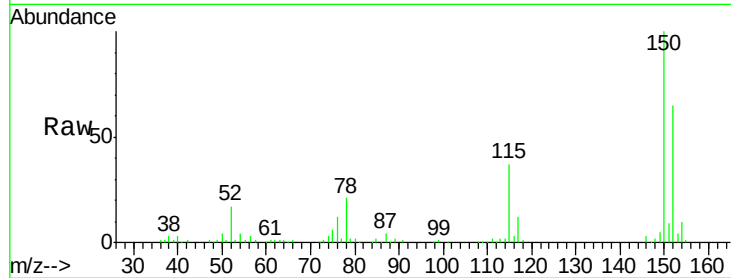
Tgt Ion:152 Resp: 87454

Ion Ratio Lower Upper

152 100

150 154.6 124.6 186.8

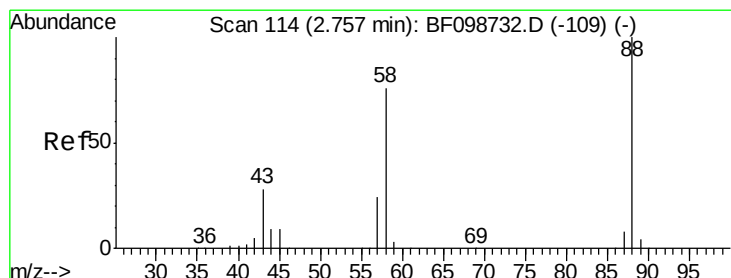
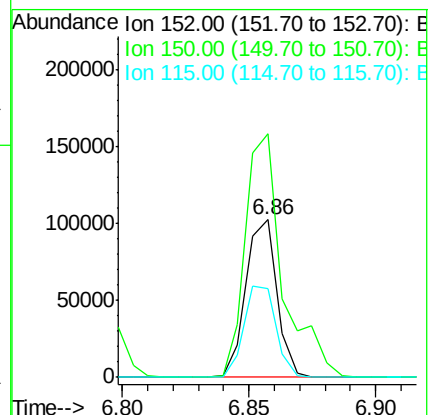
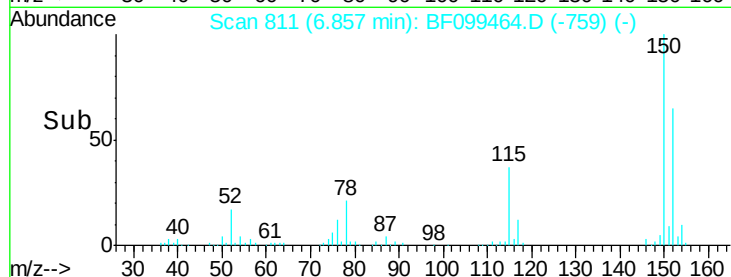
115 56.5 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.70 ng

RT: 2.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

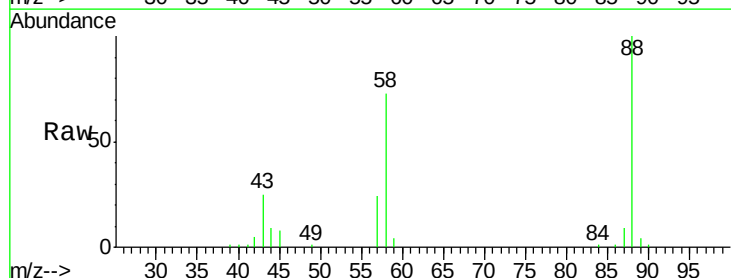
Tgt Ion: 88 Resp: 106816

Ion Ratio Lower Upper

88 100

58 72.5 62.6 93.8

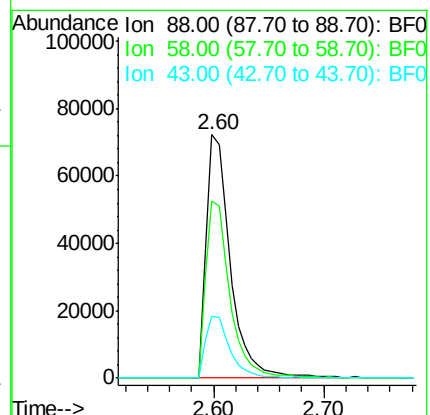
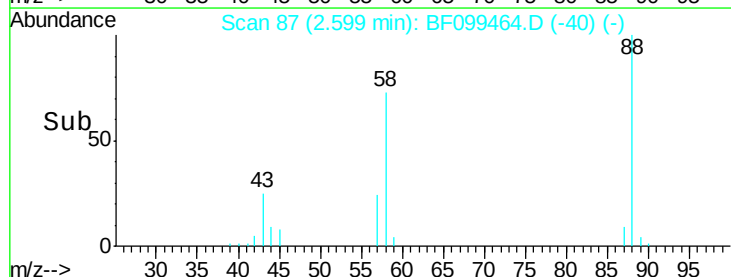
43 25.3 24.6 37.0

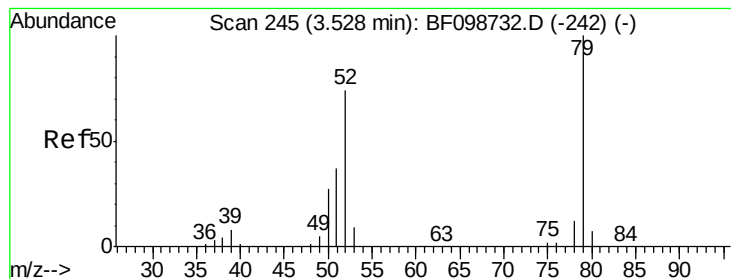


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.99 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

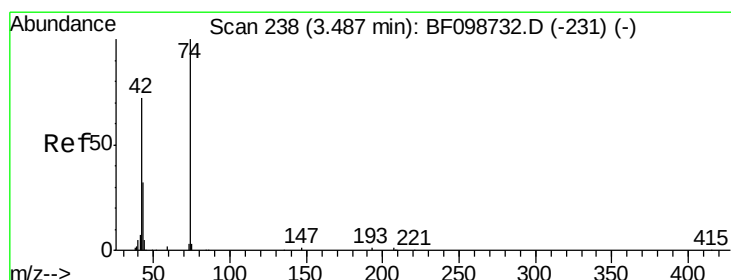
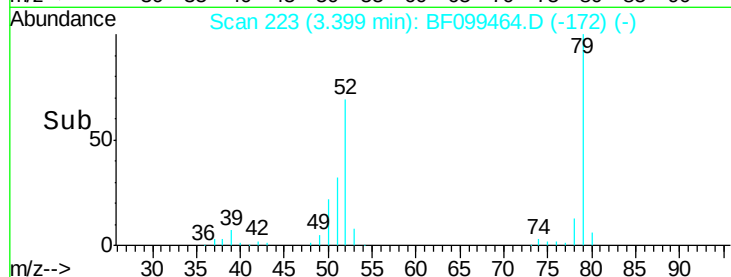
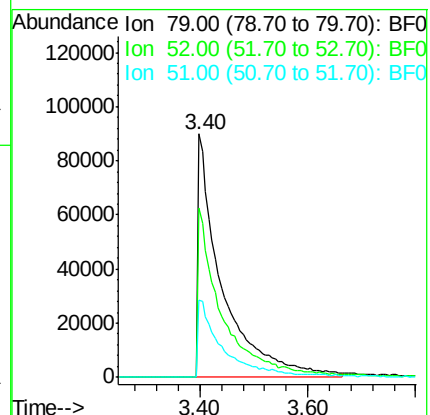
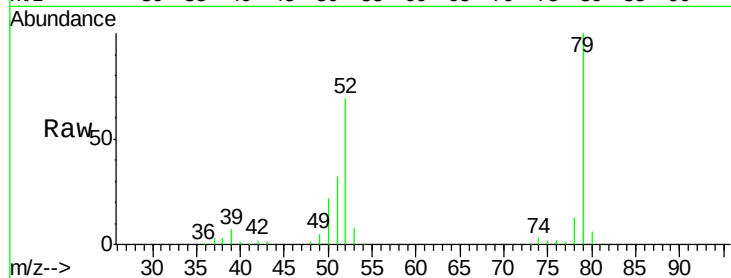
Tgt Ion: 79 Resp: 276821

Ion Ratio Lower Upper

79 100

52 69.3 59.8 89.6

51 32.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.22 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.02 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

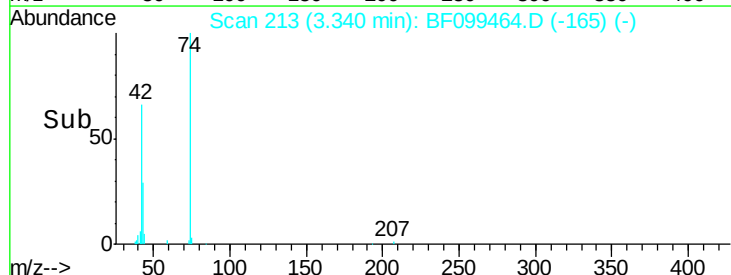
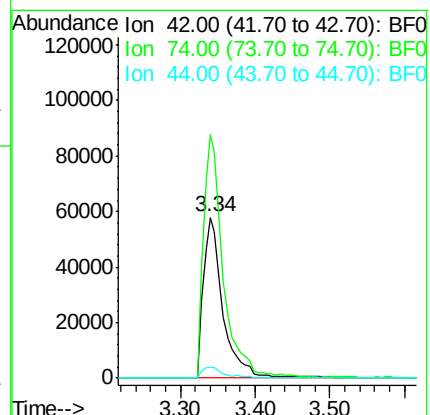
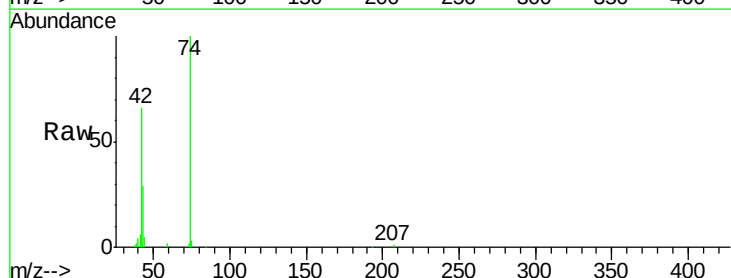
Tgt Ion: 42 Resp: 106027

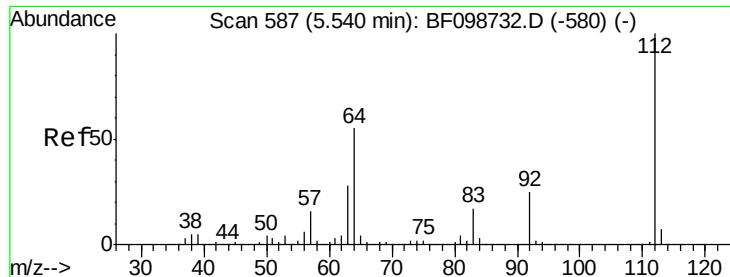
Ion Ratio Lower Upper

42 100

74 151.6 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 86.06 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

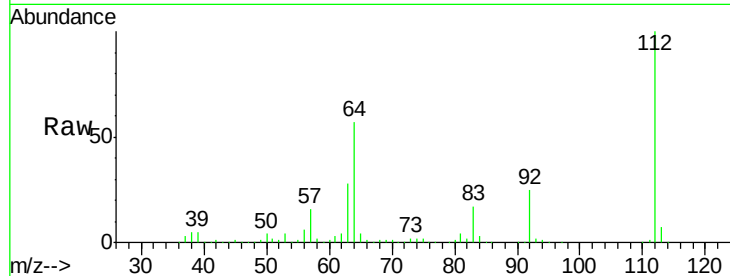
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

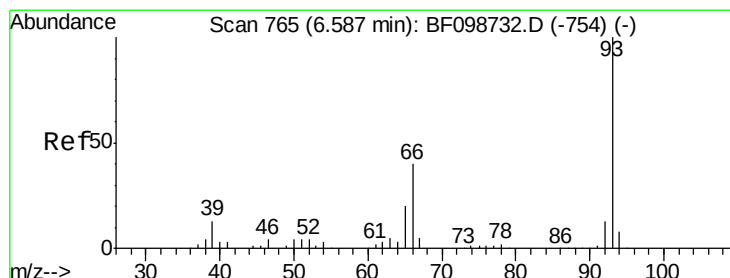
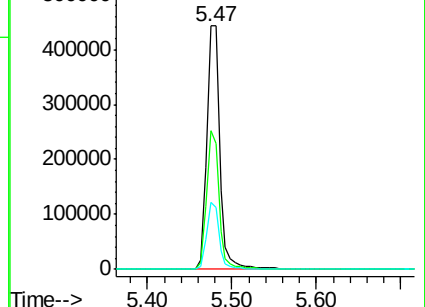
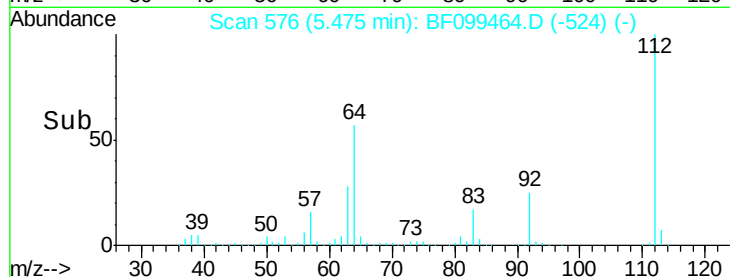
Tgt Ion:	112	Resp:	472803
Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	27.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.68 ng

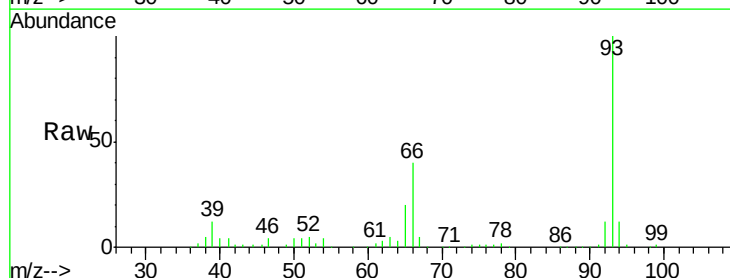
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

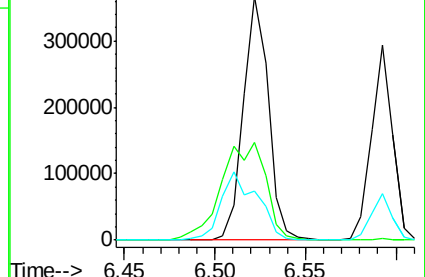
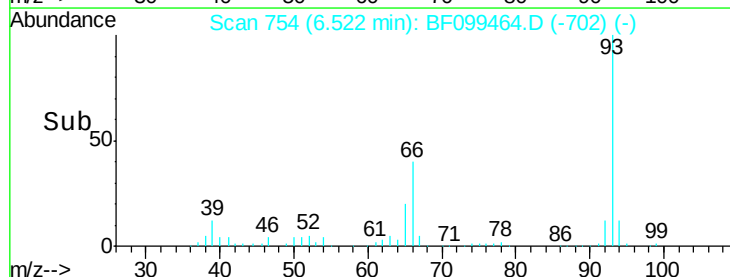
Tgt Ion:	93	Resp:	353755
Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.2	48.2
65	20.3	16.4	24.6

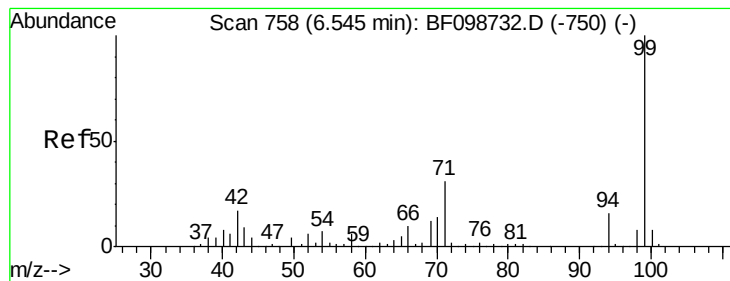


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.95 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

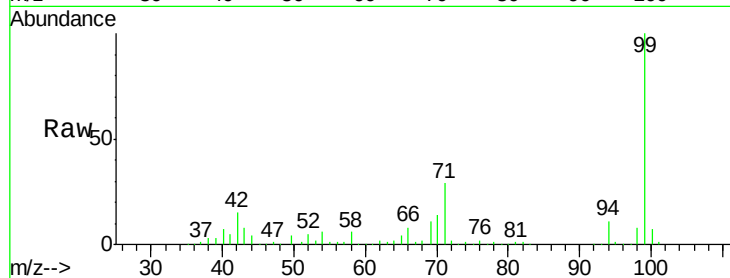
Tgt Ion: 99 Resp: 548593

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

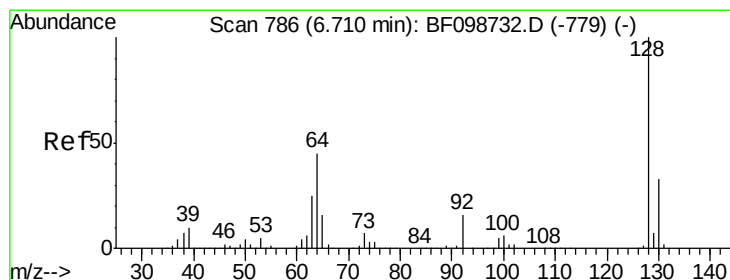
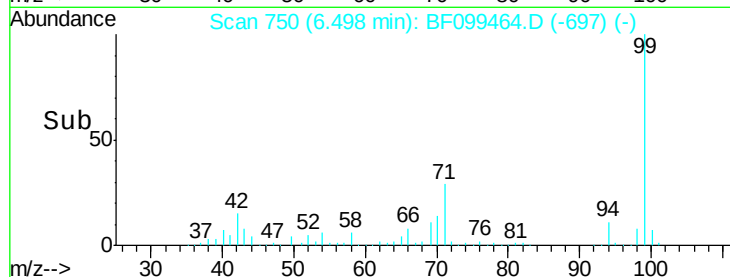
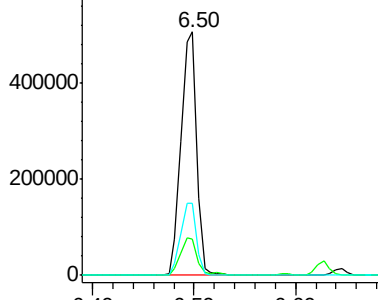
71 29.4 25.4 38.0



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: 41.81 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

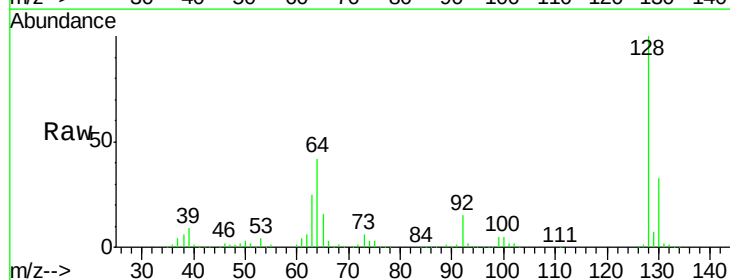
Tgt Ion: 128 Resp: 260141

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

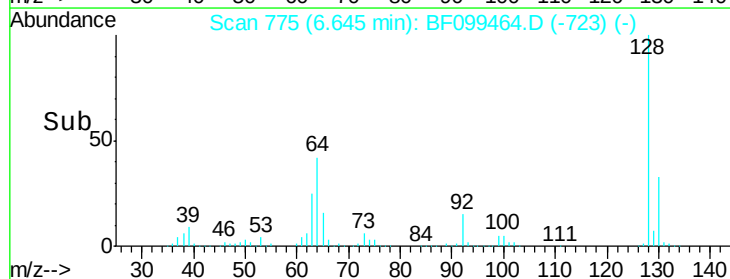
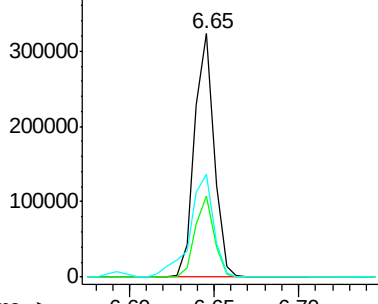
64 42.0 29.4 69.4

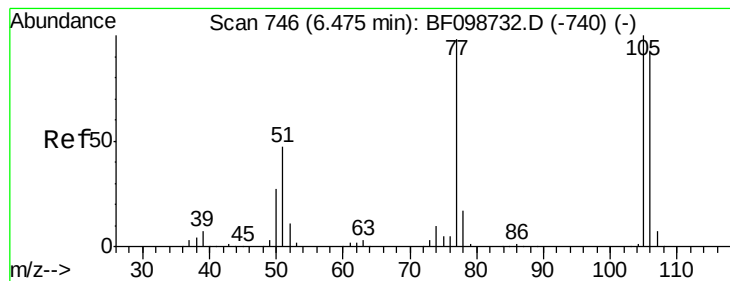


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.13 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

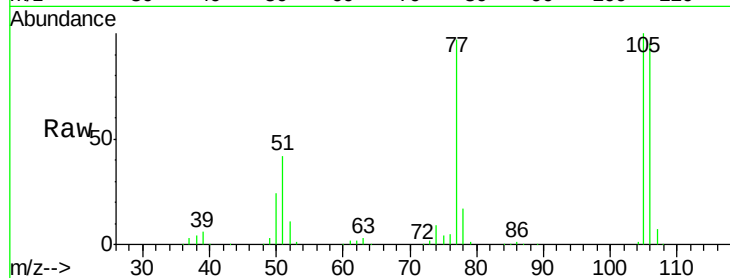
Tgt Ion: 77 Resp: 142019

Ion Ratio Lower Upper

77 100

105 103.1 81.1 121.1

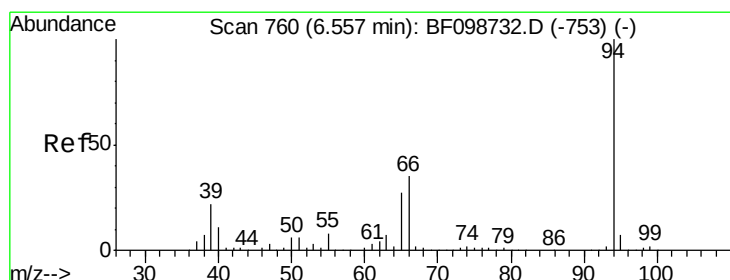
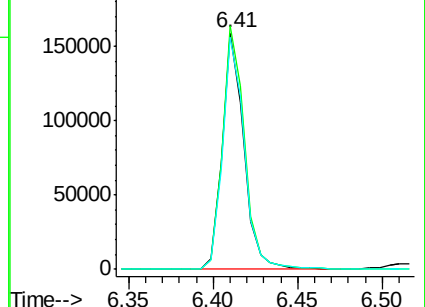
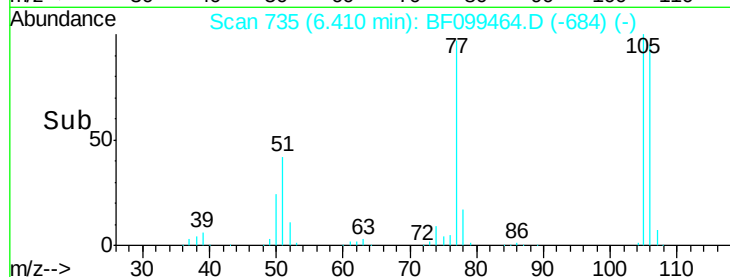
106 98.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.63 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

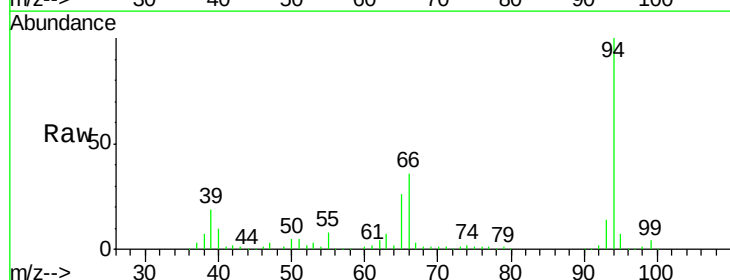
Tgt Ion: 94 Resp: 323076

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

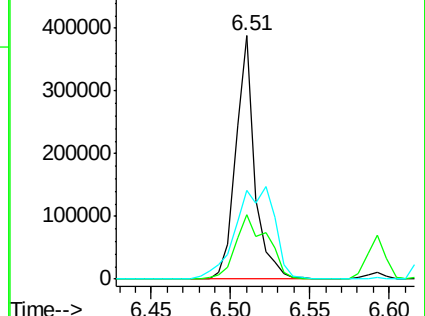
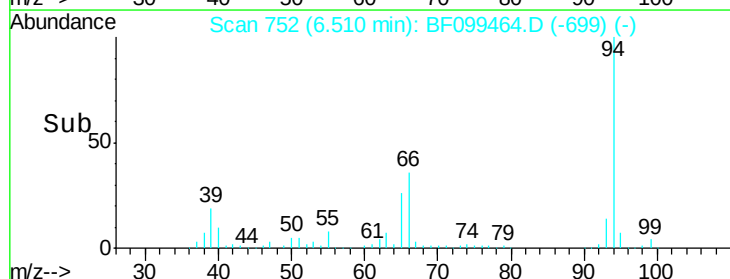
66 36.4 16.2 56.2

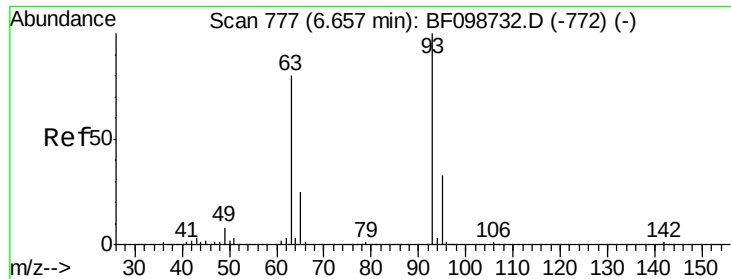


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.29 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

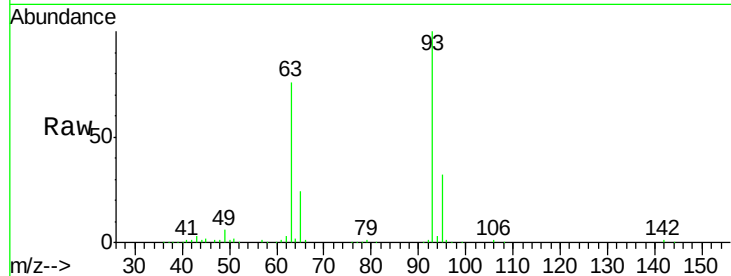
Tgt Ion: 93 Resp: 237423

Ion Ratio Lower Upper

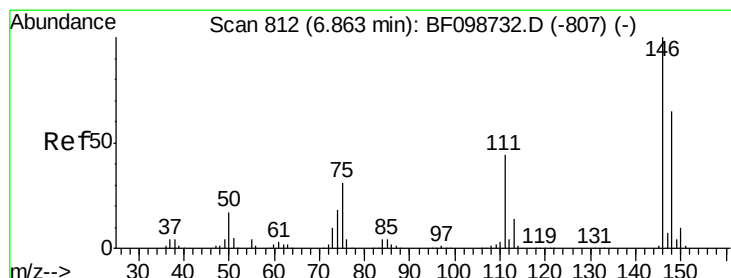
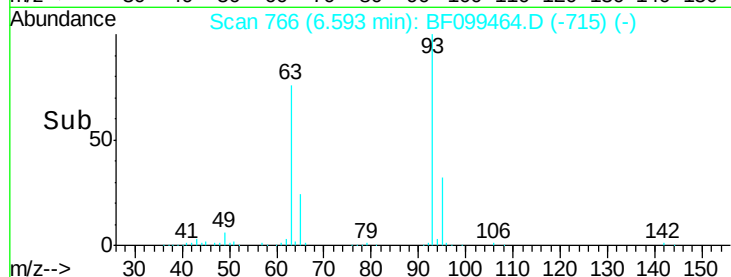
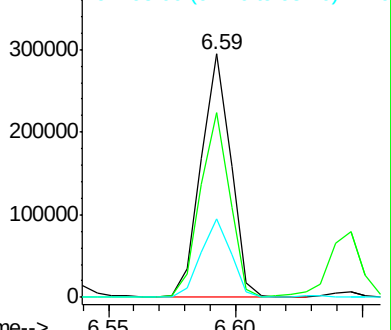
93 100

63 75.7 58.6 98.6

95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.39 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

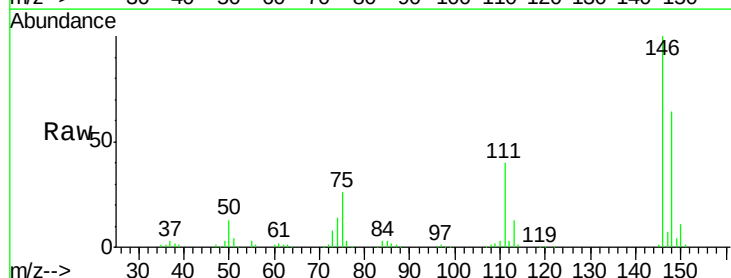
Tgt Ion: 146 Resp: 276211

Ion Ratio Lower Upper

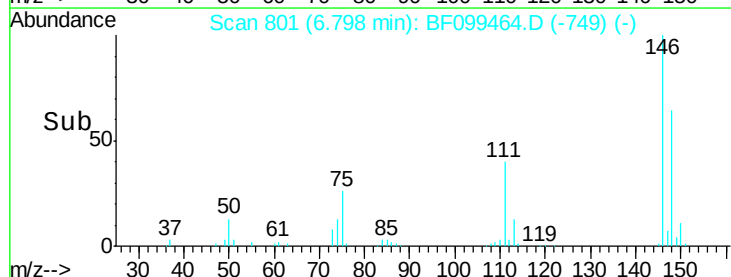
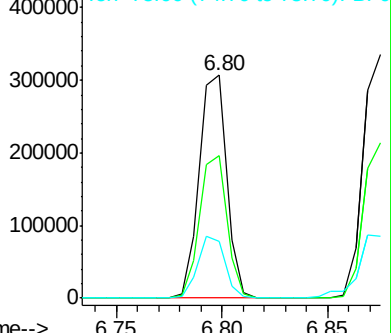
146 100

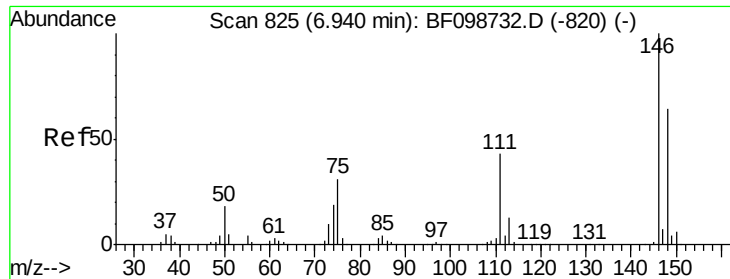
148 63.7 51.8 77.8

75 25.7 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

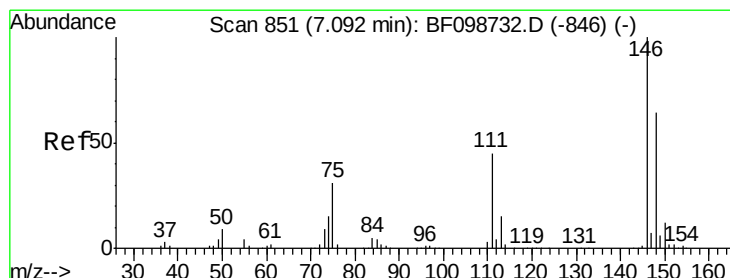
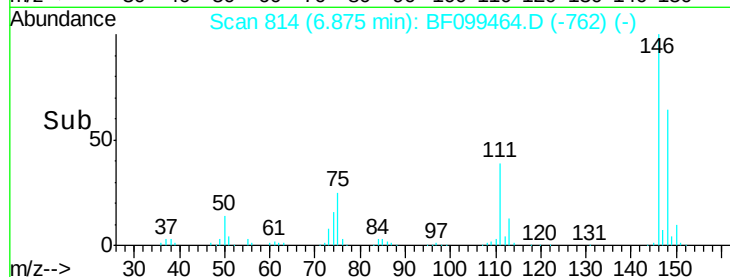
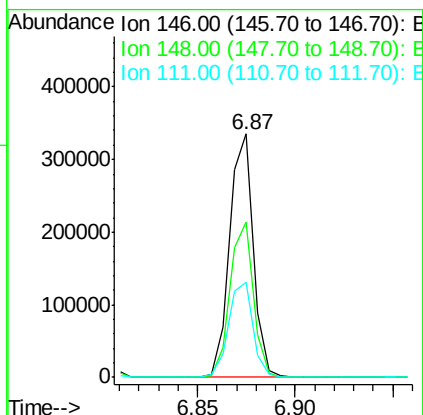
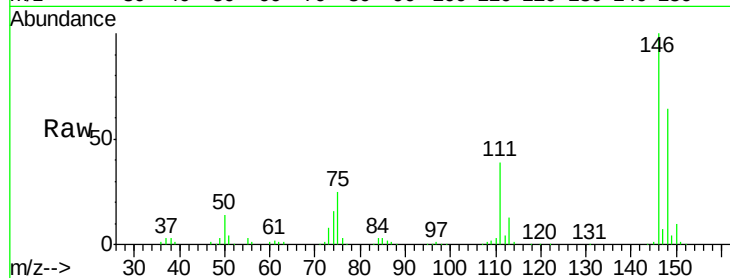




#13
 1,4-Dichlorobenzene
 Concen: 42.45 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

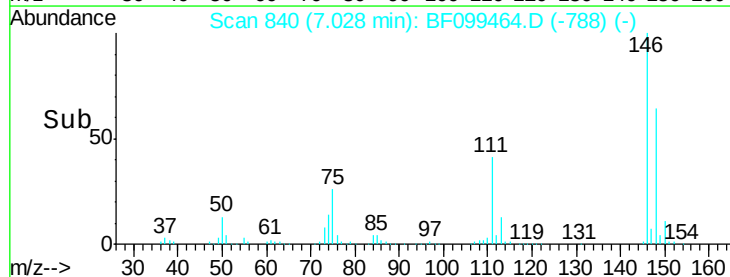
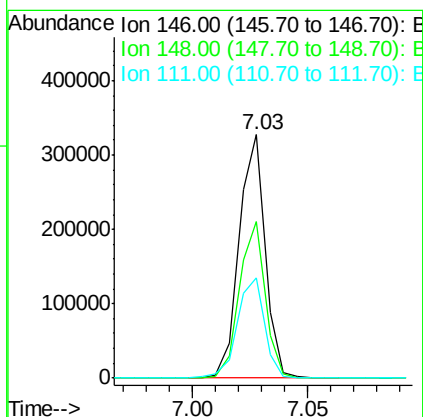
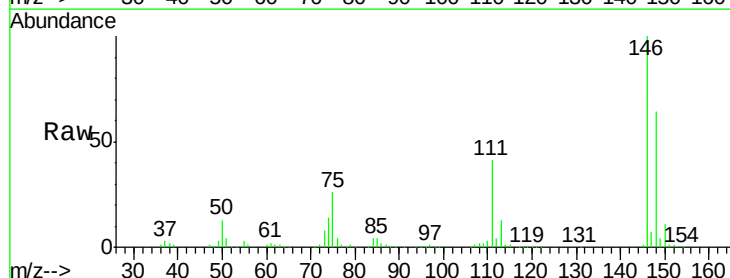
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

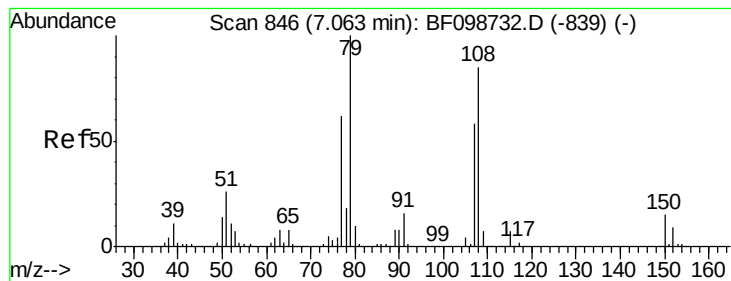
Tgt Ion:146 Resp: 281408
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 38.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.12 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:146 Resp: 257983
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.40 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

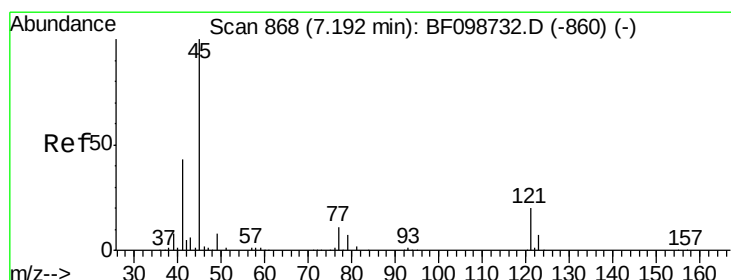
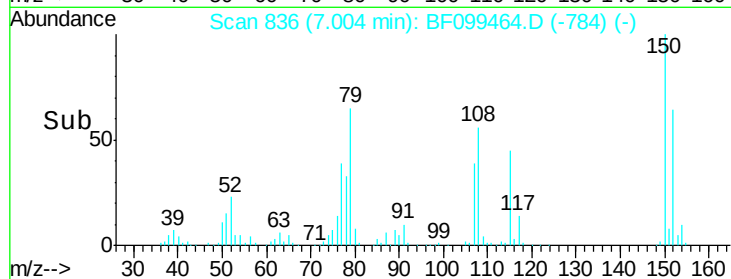
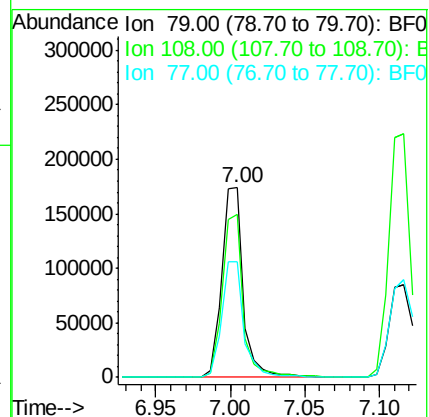
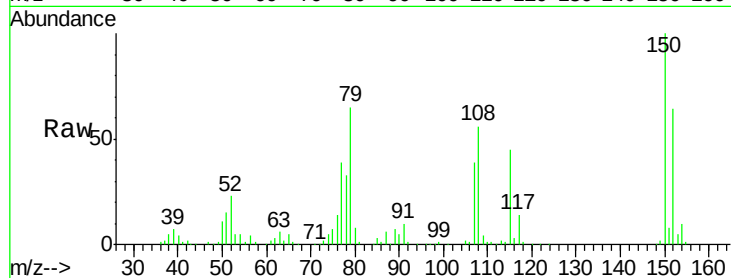
Tgt Ion: 79 Resp: 176009

Ion Ratio Lower Upper

79 100

108 85.9 65.1 97.7

77 60.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.85 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

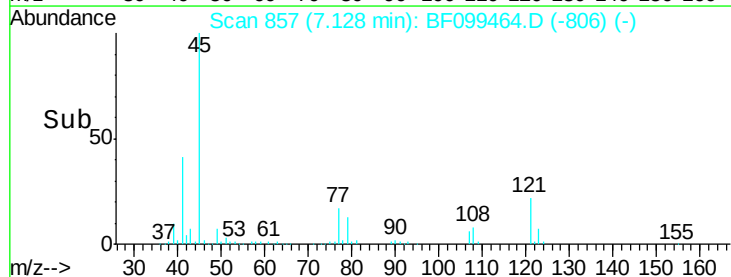
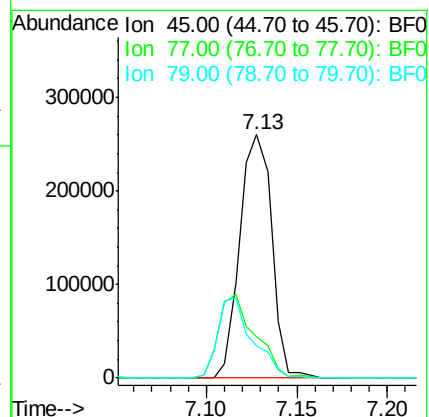
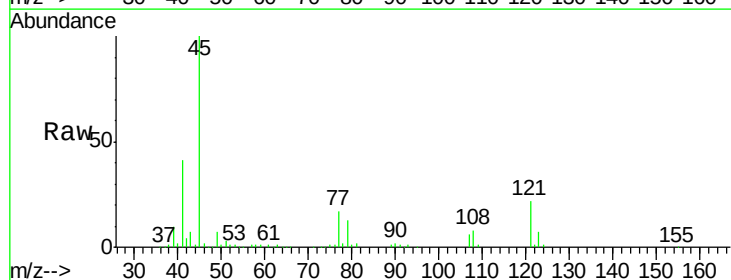
Tgt Ion: 45 Resp: 319948

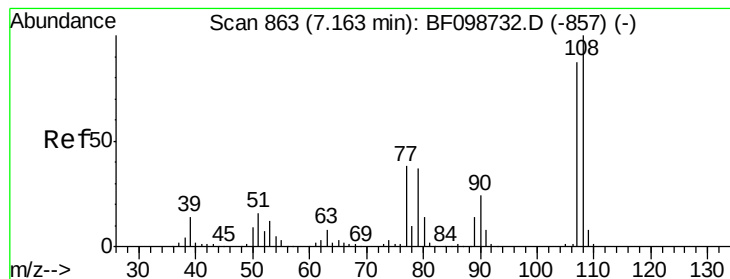
Ion Ratio Lower Upper

45 100

77 16.9 0.0 32.9

79 13.3 0.0 29.6





#17

2-Methylphenol

Concen: 38.93 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 198163

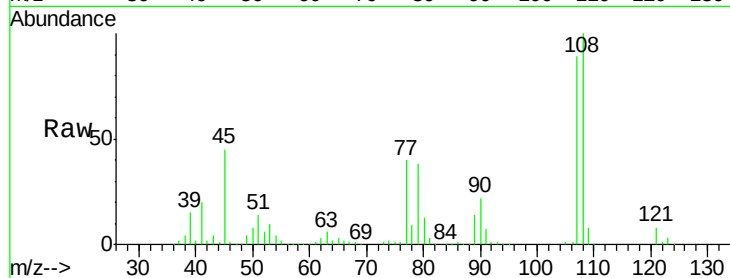
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 44.8 33.8 50.8

79 42.6 33.8 50.8

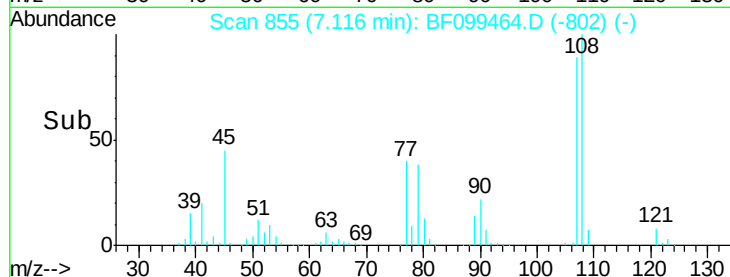


Abundance Ion 107.00 (106.70 to 107.70): E

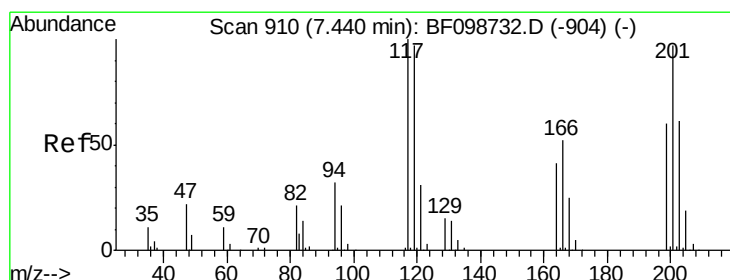
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.64 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

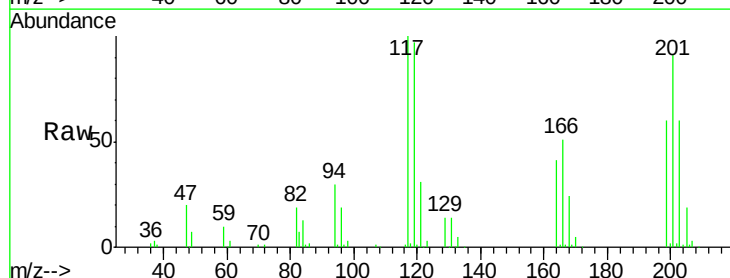
Tgt Ion:117 Resp: 94442

Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.8

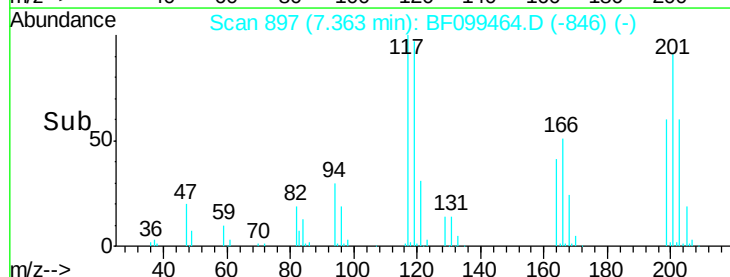
201 91.4 75.7 113.5



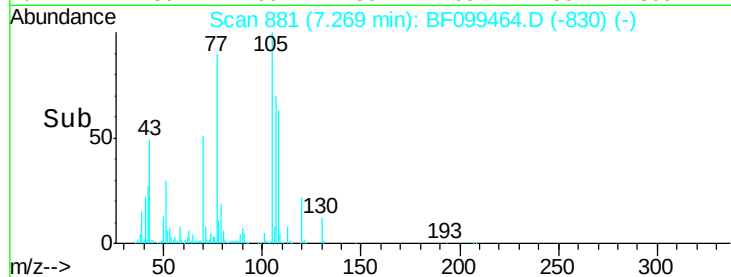
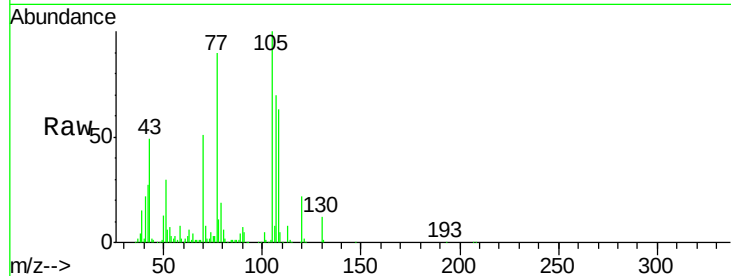
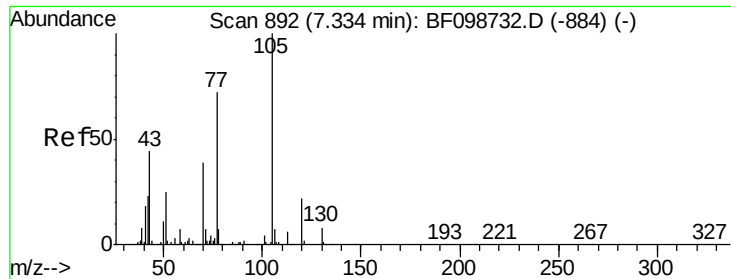
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



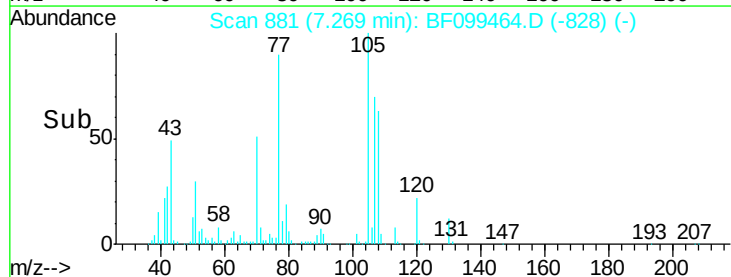
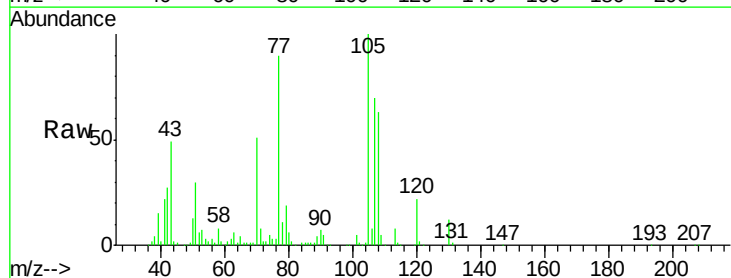
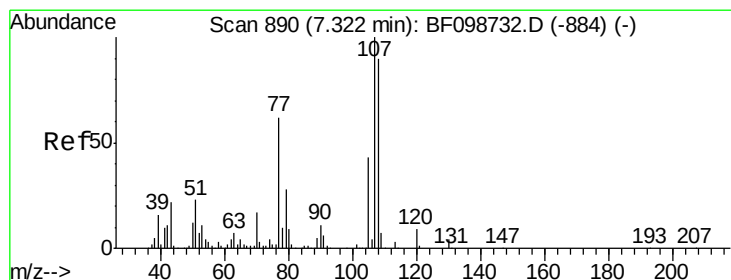
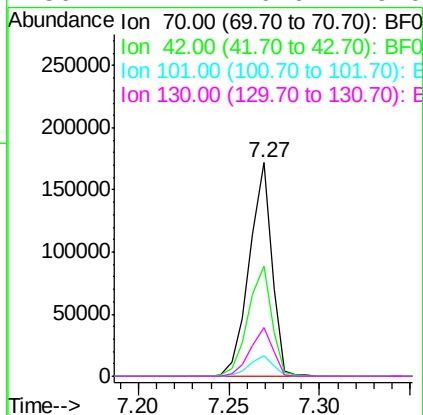
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 34.42 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

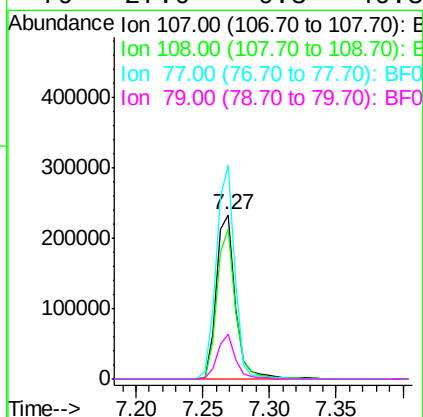
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

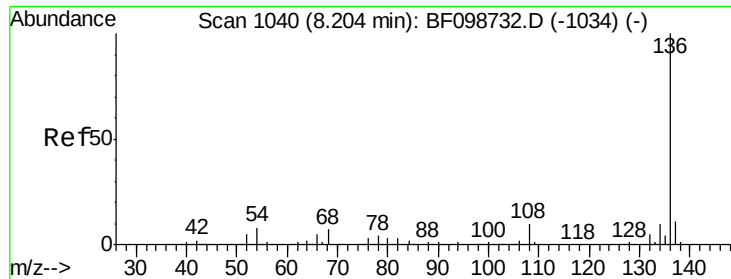
Tgt Ion:	70	Resp:	148944
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	9.9	7.4	11.2
130	22.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.80 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion:	107	Resp:	237013
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	130.0	26.7	66.7#
79	27.0	6.3	46.3

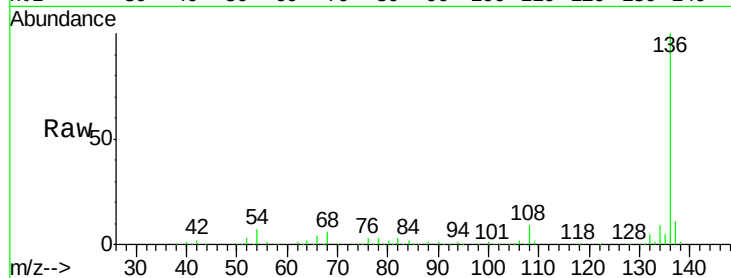




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	343130
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.0	6.6	9.8
68	5.6	5.0	7.4



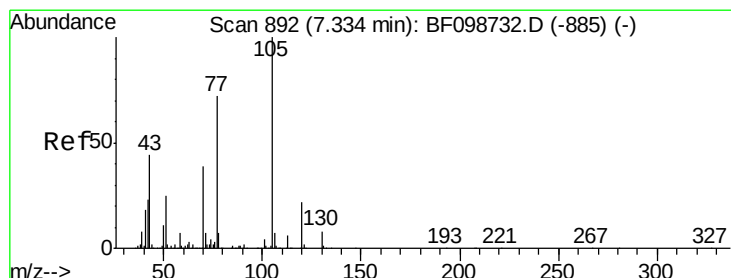
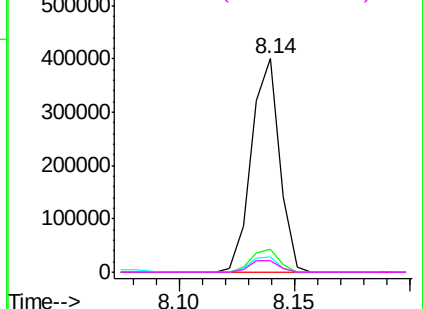
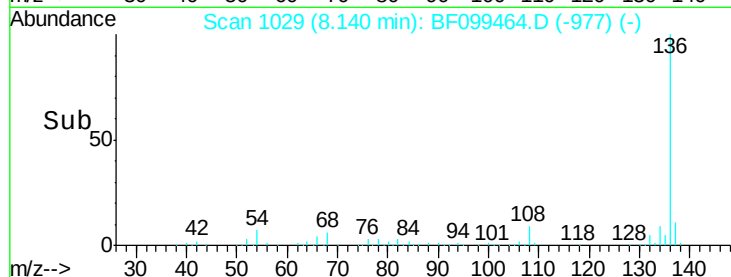
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

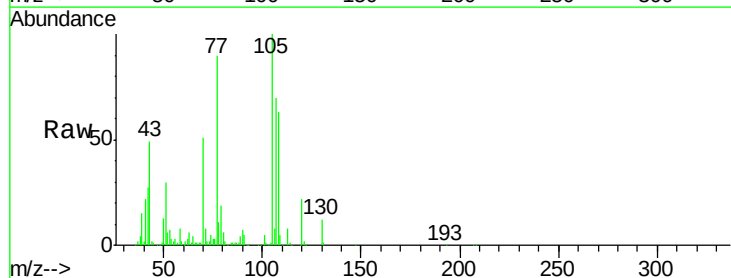
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.89 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion:	105	Resp:	323284
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	29.6	22.3	33.5
120	22.1	16.9	25.3



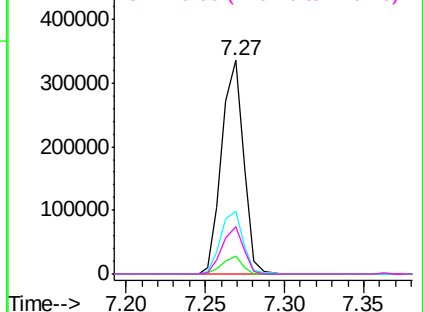
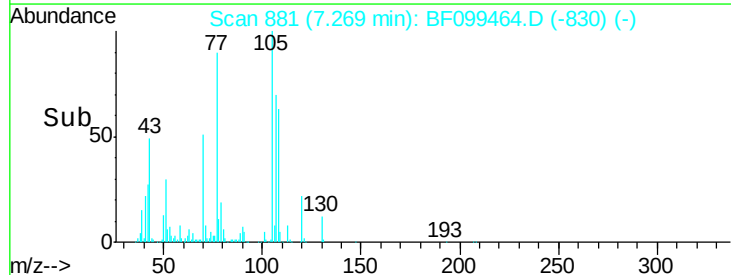
Abundance

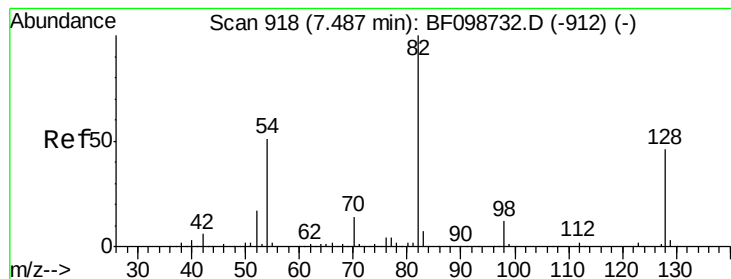
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.96 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

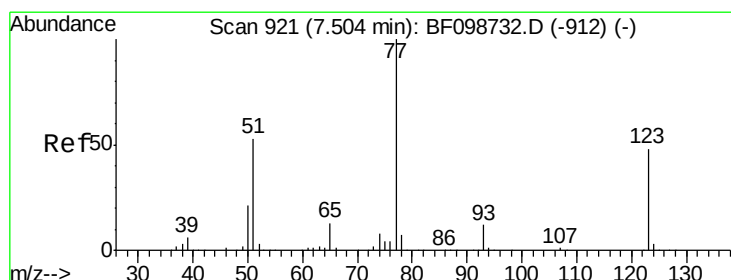
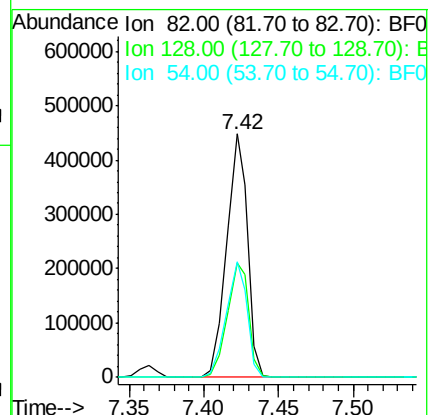
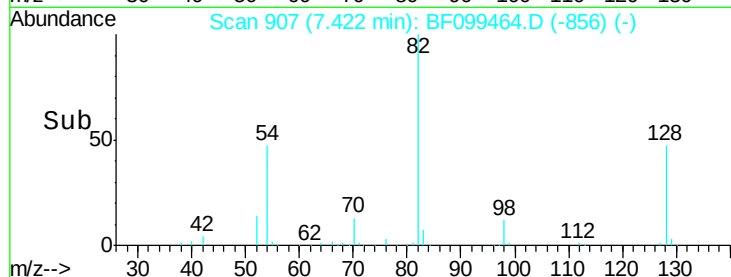
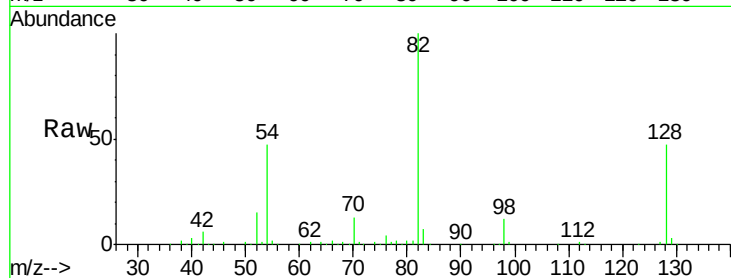
Tgt Ion: 82 Resp: 443896

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

54 47.5 41.4 62.2



#24

Nitrobenzene

Concen: 40.70 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

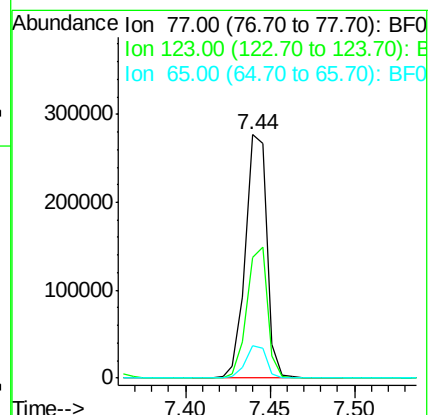
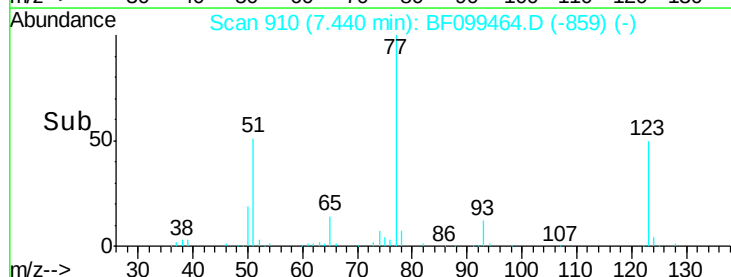
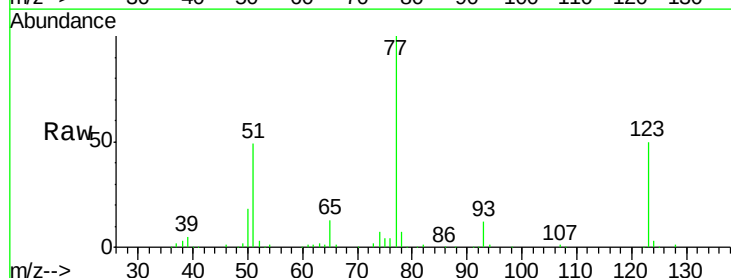
Tgt Ion: 77 Resp: 247003

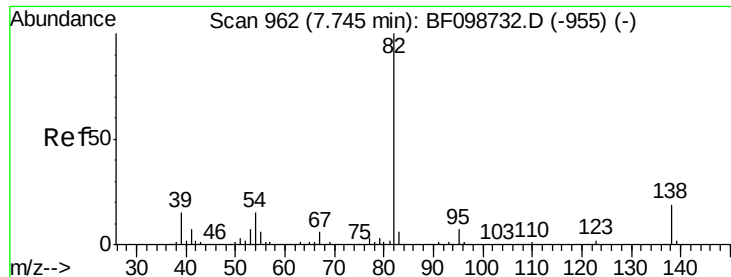
Ion Ratio Lower Upper

77 100

123 49.8 37.9 56.9

65 13.2 11.0 16.4





#25

Isophorone

Concen: 38.37 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

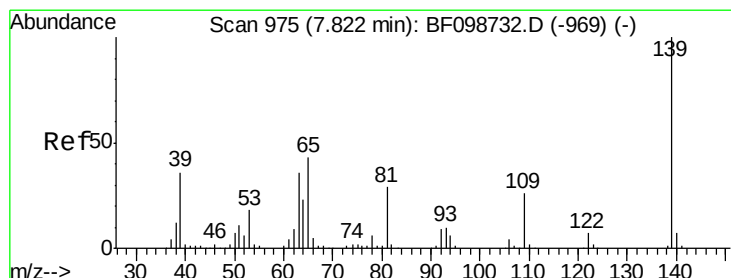
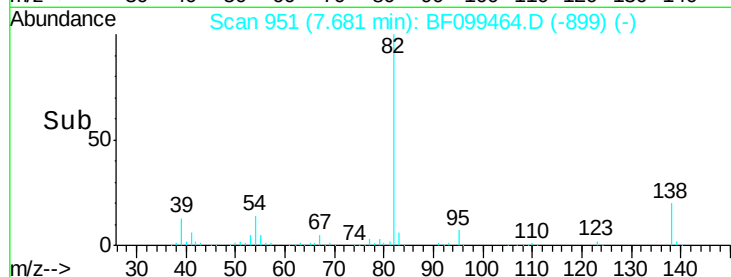
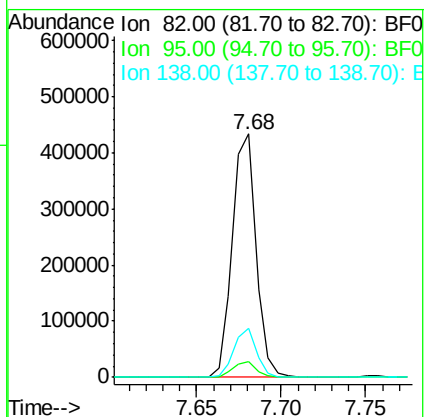
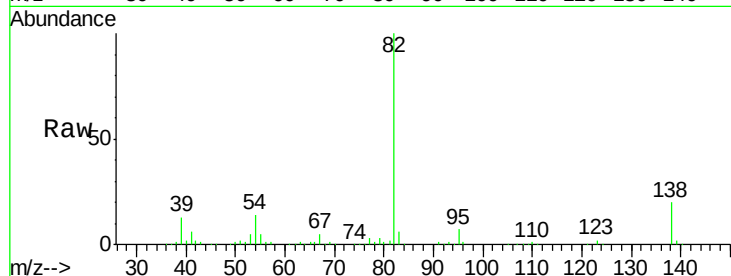
Tgt Ion: 82 Resp: 424473

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.3 14.9 22.3



#26

2-Nitrophenol

Concen: 46.45 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

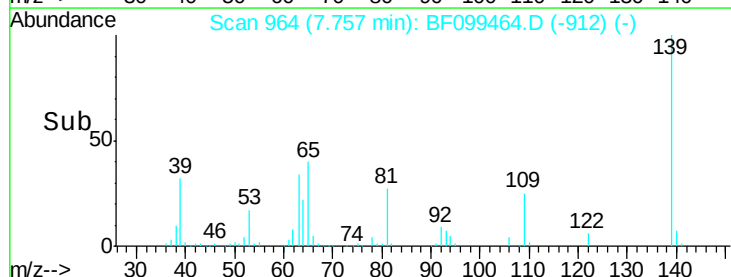
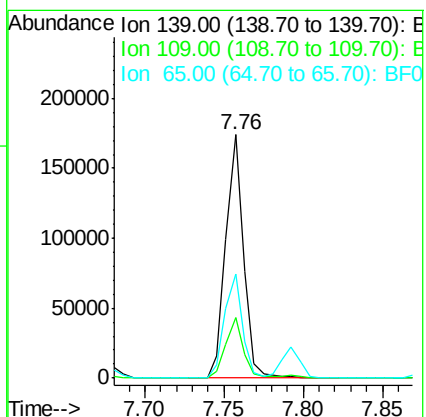
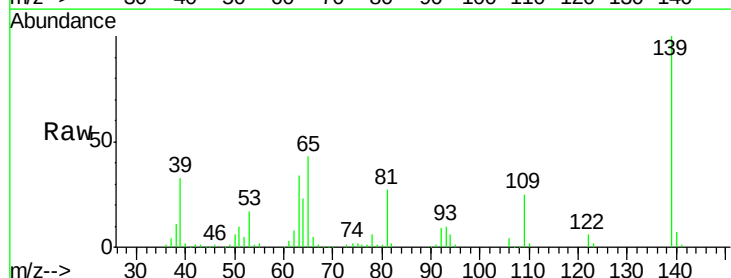
Tgt Ion: 139 Resp: 135565

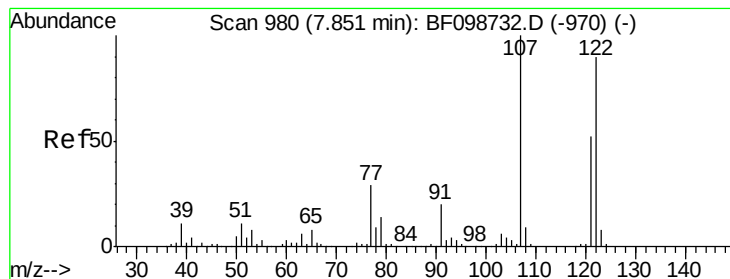
Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

65 42.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.54 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

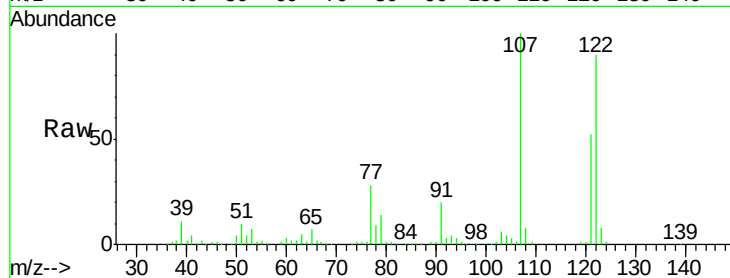
Tgt Ion:122 Resp: 212440

Ion Ratio Lower Upper

122 100

107 111.3 91.2 136.8

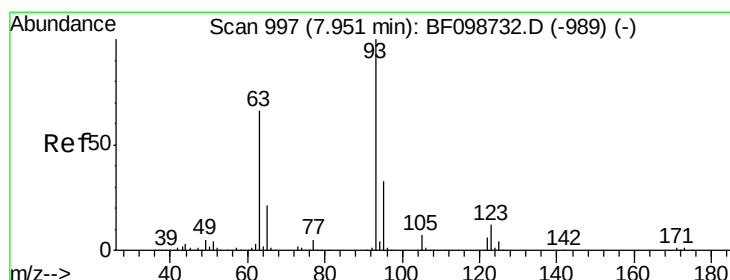
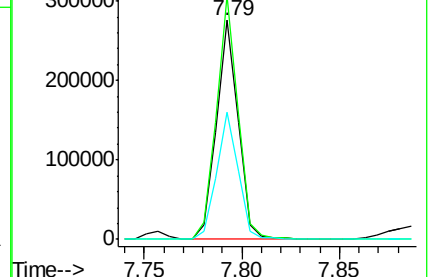
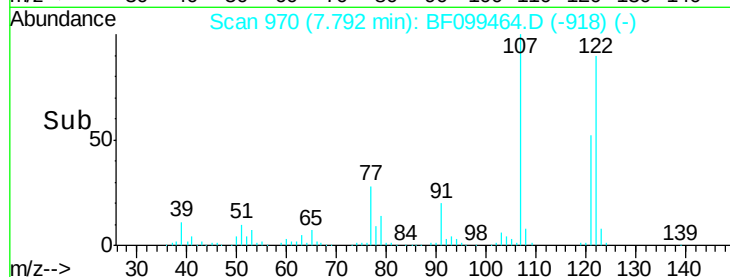
121 58.2 47.2 70.8



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: 40.52 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

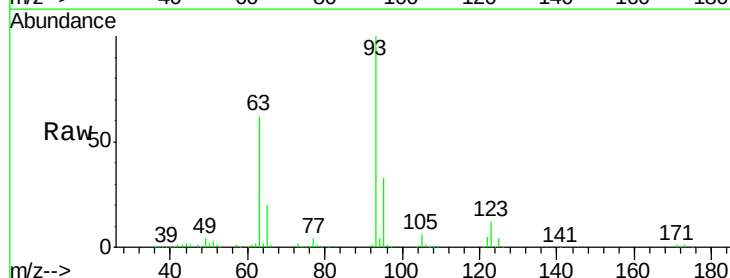
Tgt Ion: 93 Resp: 279359

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

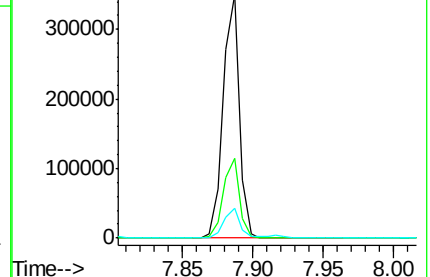
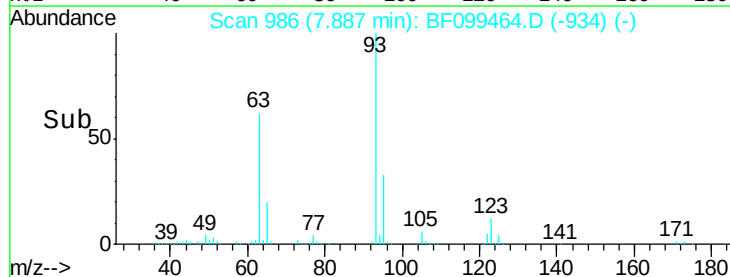
123 12.0 9.8 14.6

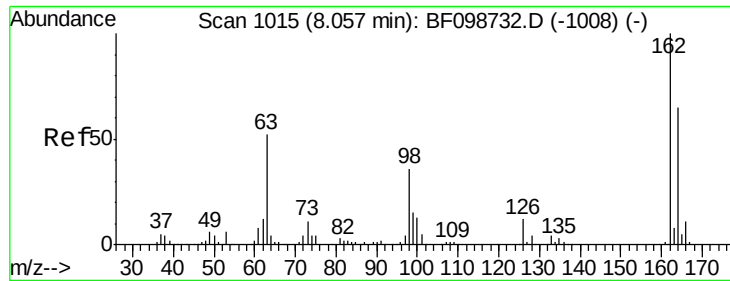


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

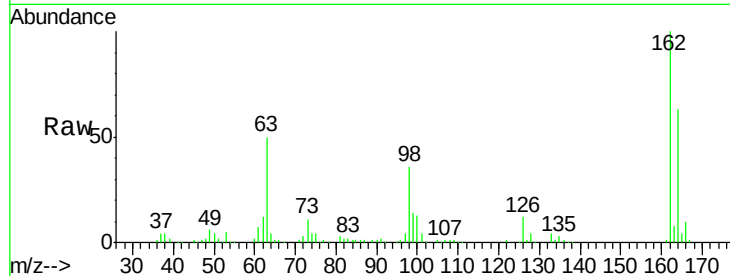




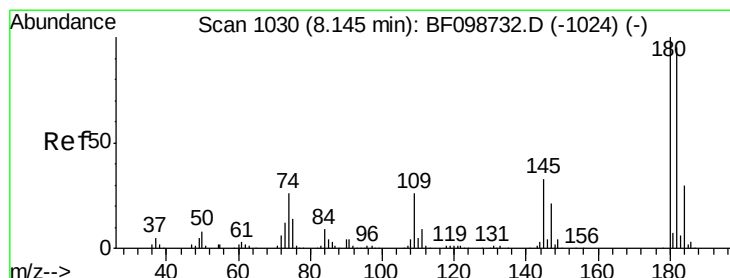
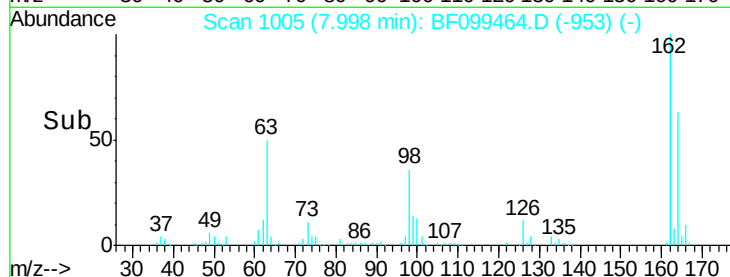
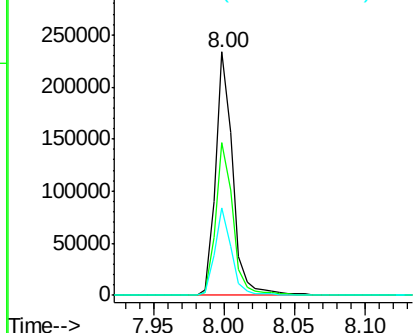
#29
 2,4-Dichlorophenol
 Concen: 41.75 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 197564
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.7 82.7
 98 35.9 18.1 58.1

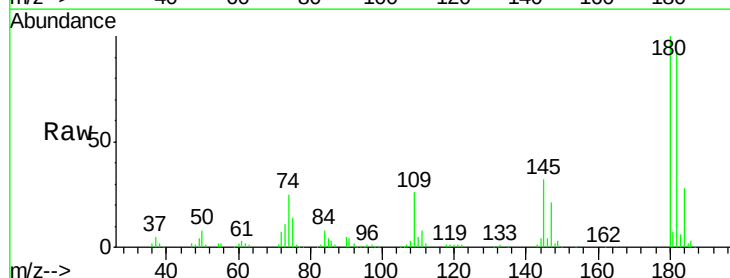


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

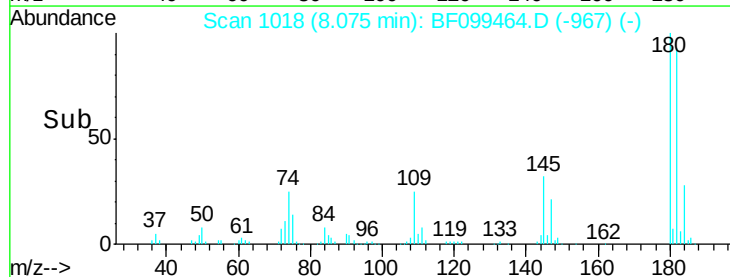
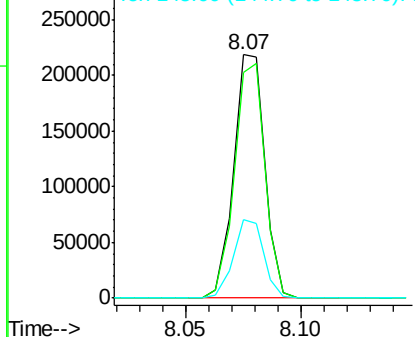


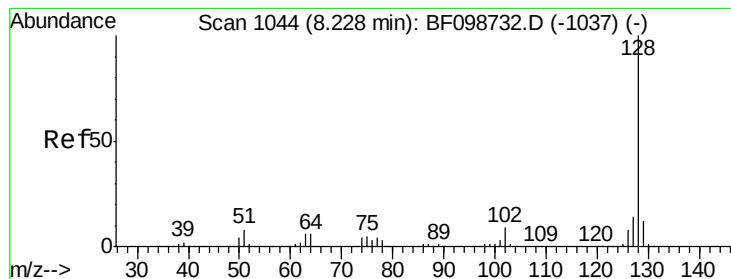
#30
 1,2,4-Trichlorobenzene
 Concen: 43.29 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:180 Resp: 204897
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.8 115.2
 145 32.2 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: 41.98 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

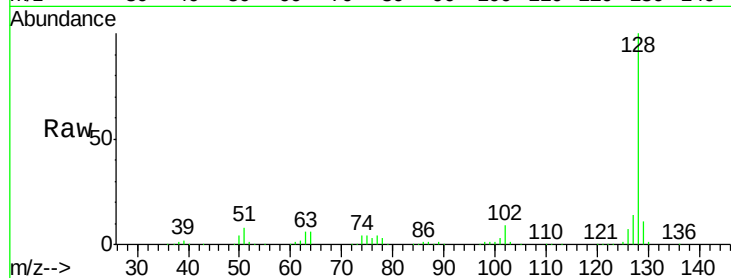
Tgt Ion:128 Resp: 676562

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

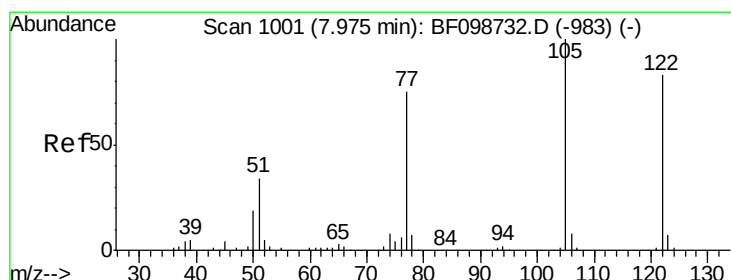
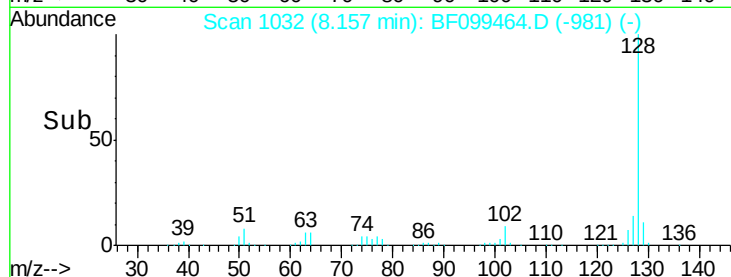
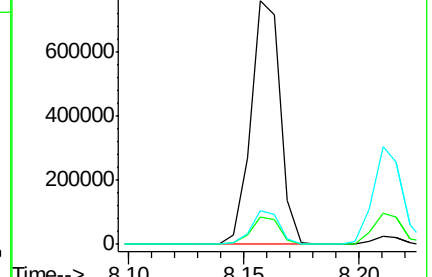
127 13.6 10.9 16.3



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: 25.71 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

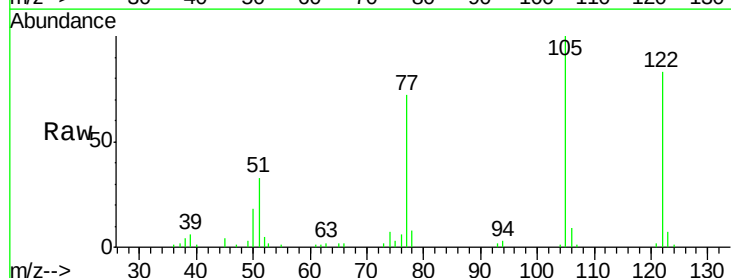
Tgt Ion:122 Resp: 116425

Ion Ratio Lower Upper

122 100

105 120.3 101.1 141.1

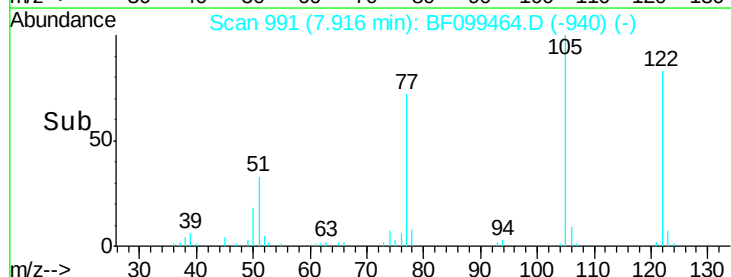
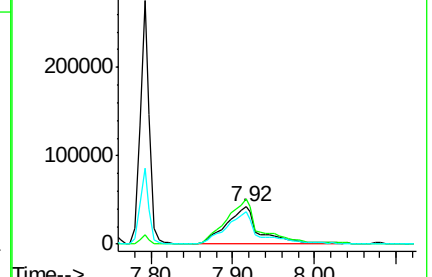
77 86.2 70.7 110.7

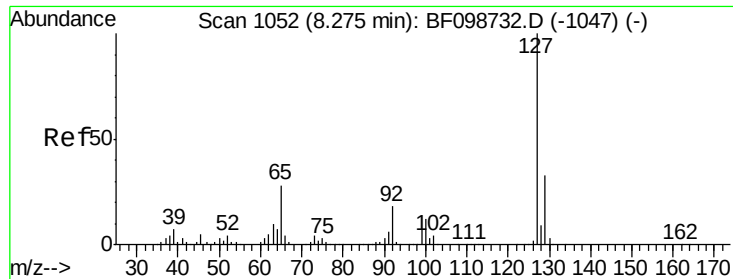


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

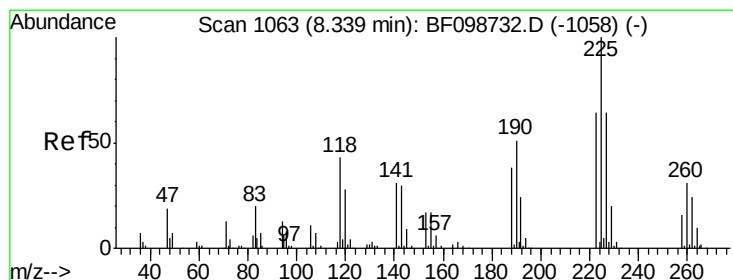
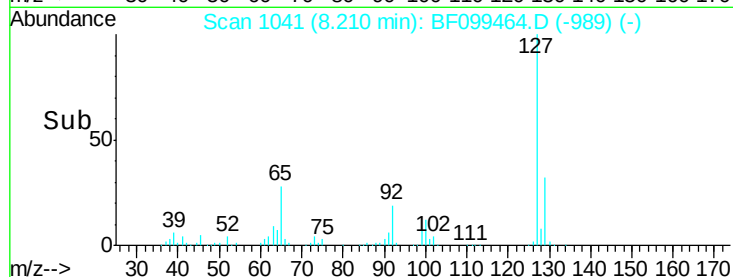
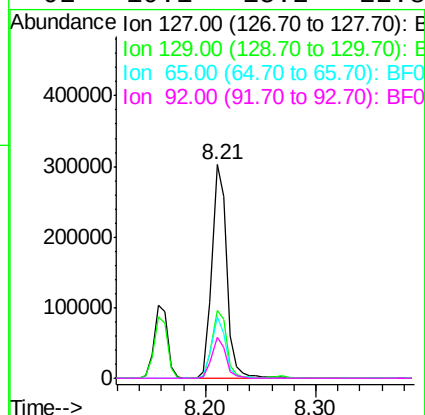
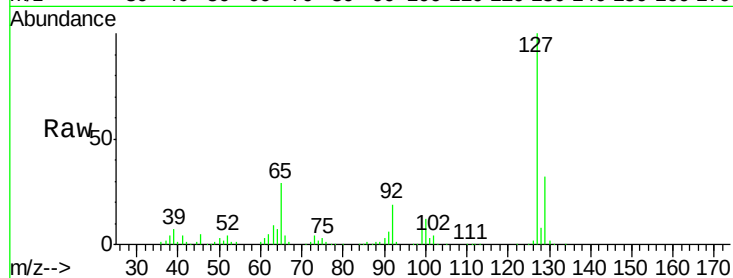




#33
4-Chloroaniline
Concen: 40.80 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

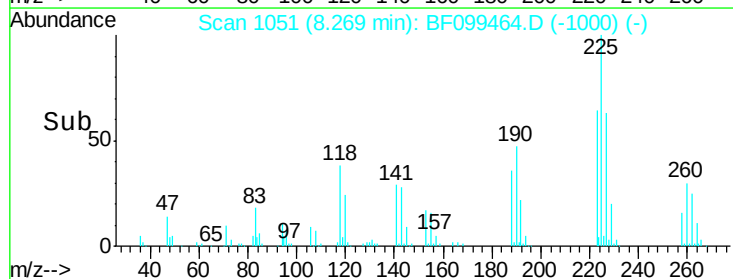
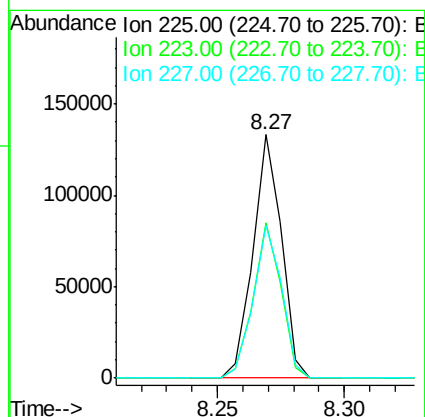
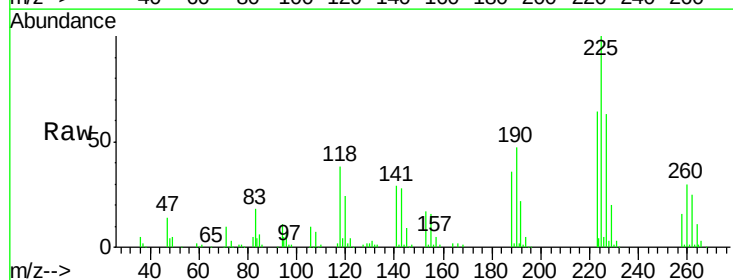
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

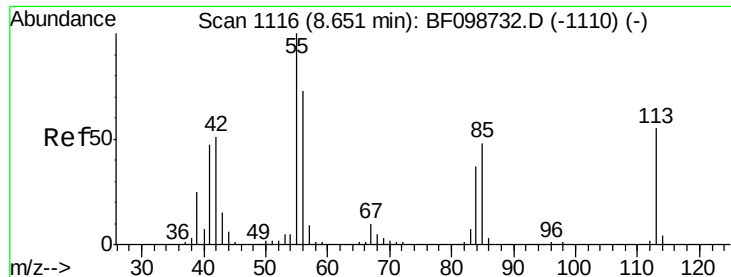
Tgt Ion:	127	Resp:	274580
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	28.9	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.70 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion:	225	Resp:	104097
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	62.7	51.9	77.9

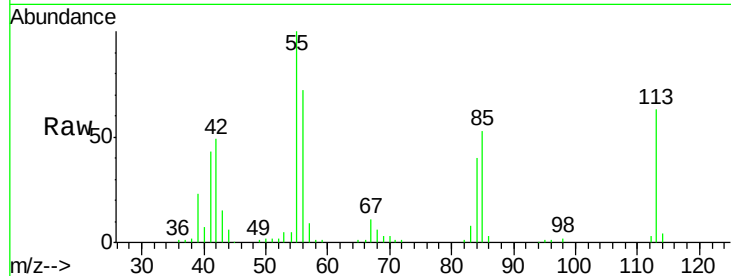




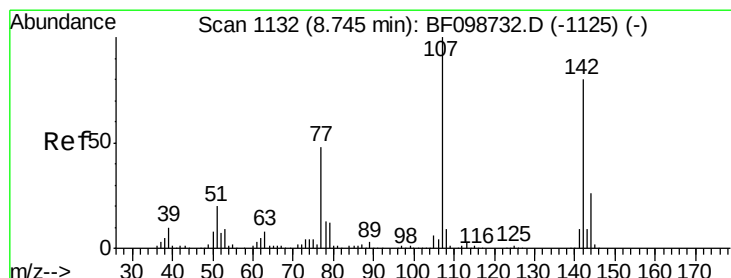
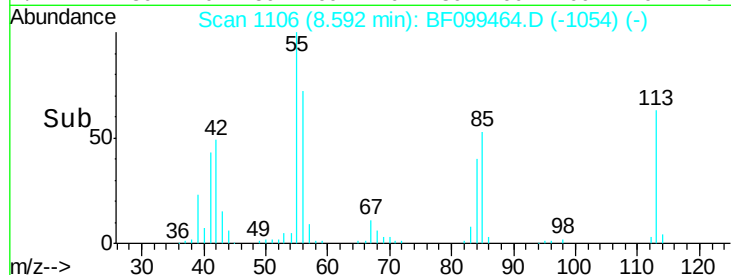
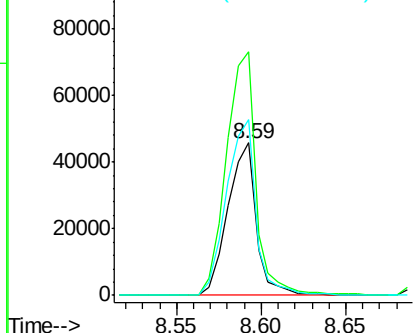
#35
 Caprolactam
 Concen: 35.04 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 53193
 Ion Ratio Lower Upper
 113 100
 55 159.9 163.3 203.3#
 56 115.2 115.7 155.7#

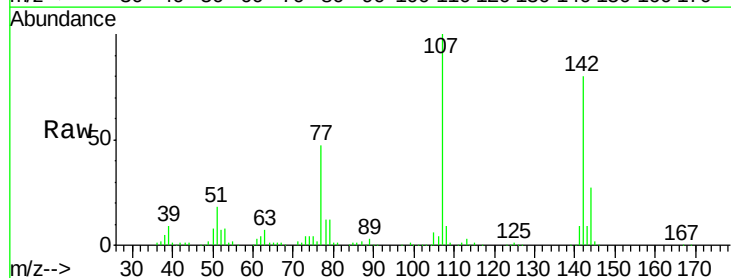


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

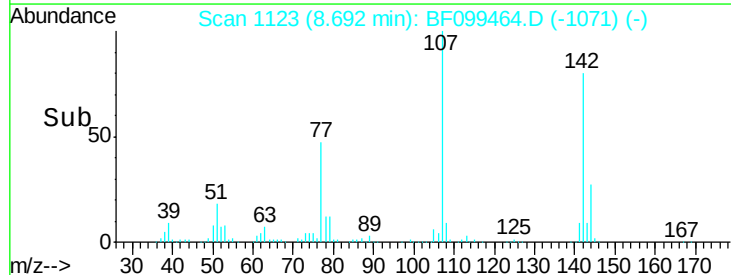
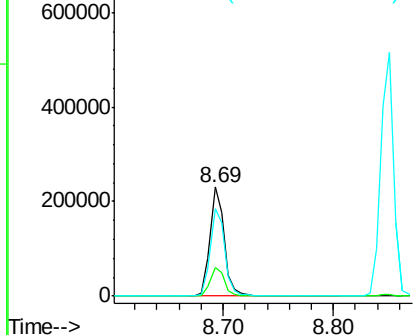


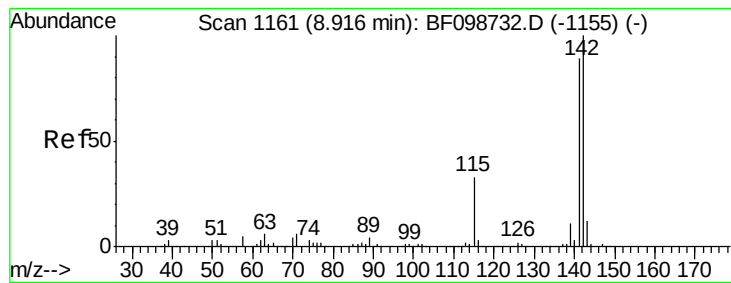
#36
 4-Chloro-3-methylphenol
 Concen: 37.60 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:107 Resp: 199983
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 80.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.42 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

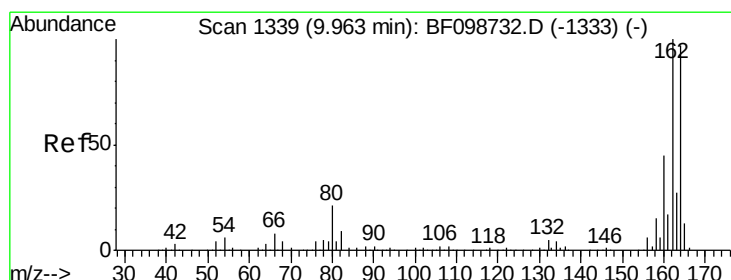
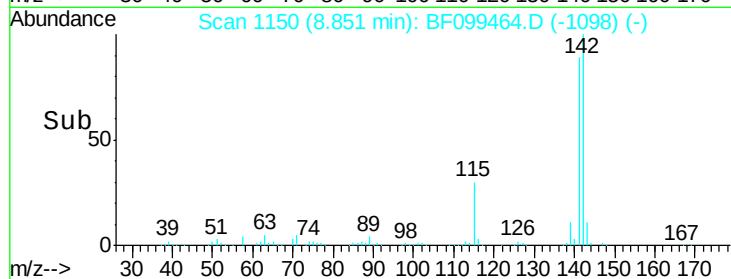
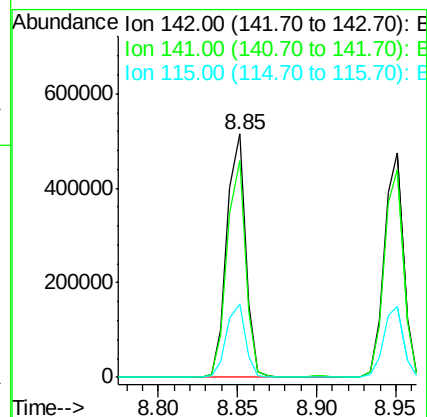
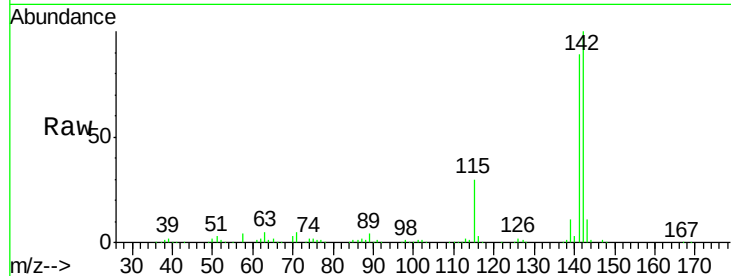
Tgt Ion:142 Resp: 423420

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

115 30.2 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

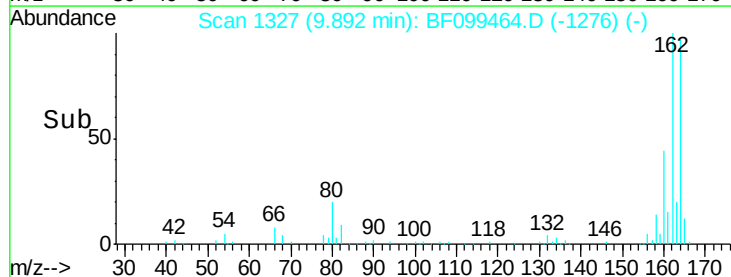
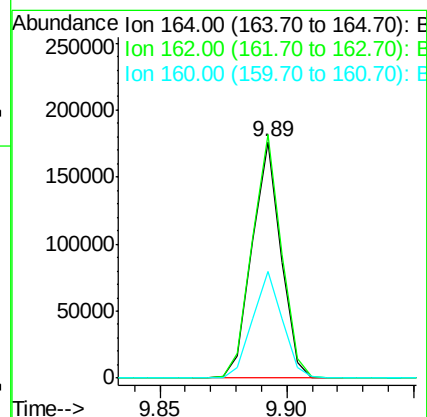
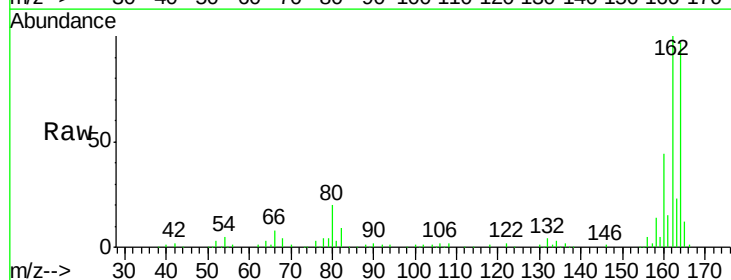
Tgt Ion:164 Resp: 139597

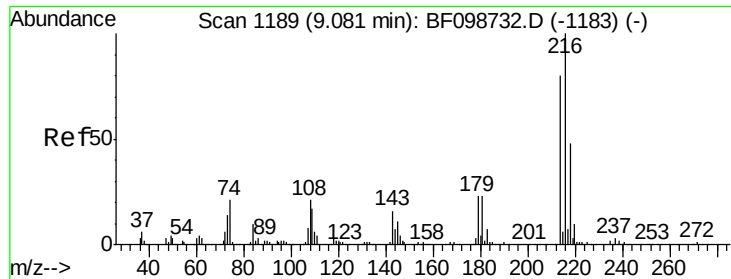
Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

160 45.0 38.3 57.5

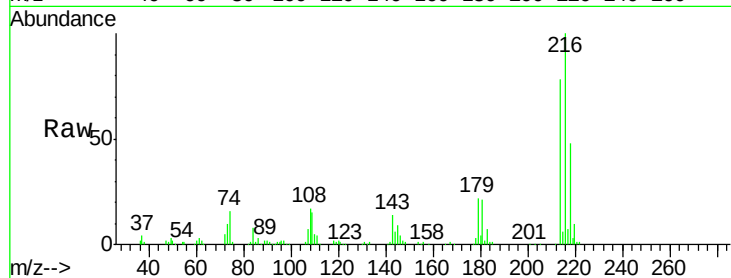




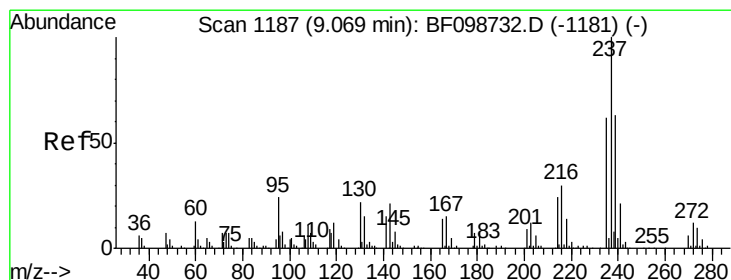
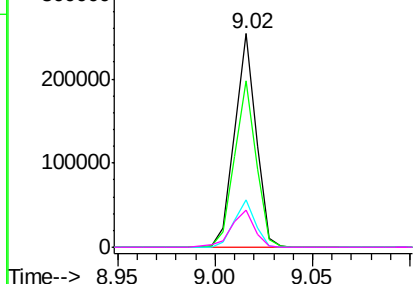
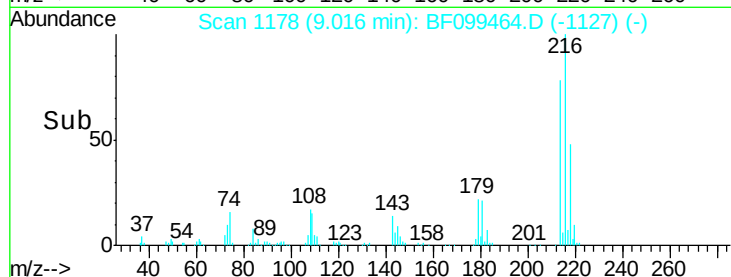
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.51 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	193634
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	22.0	18.1	27.1
108	18.8	17.2	25.8

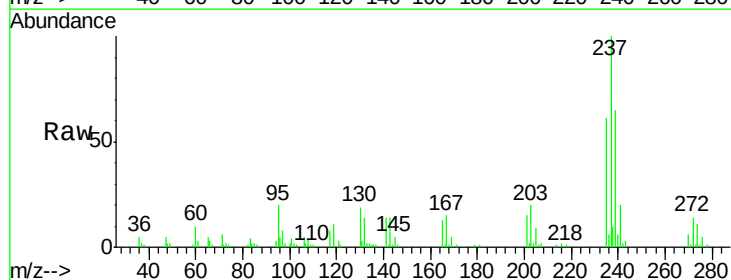


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

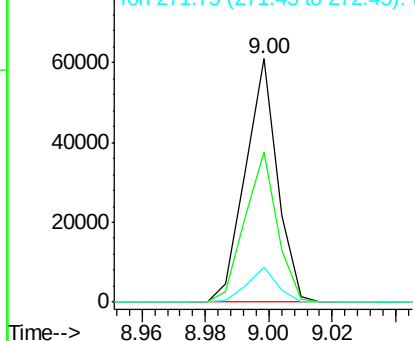
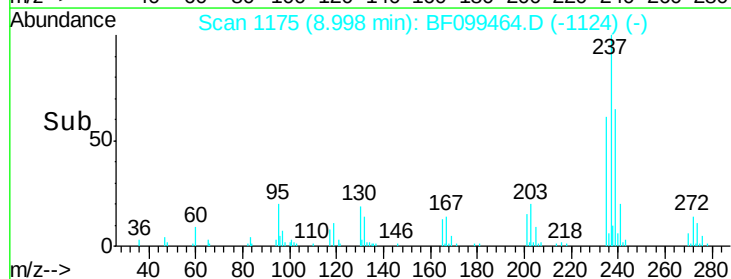


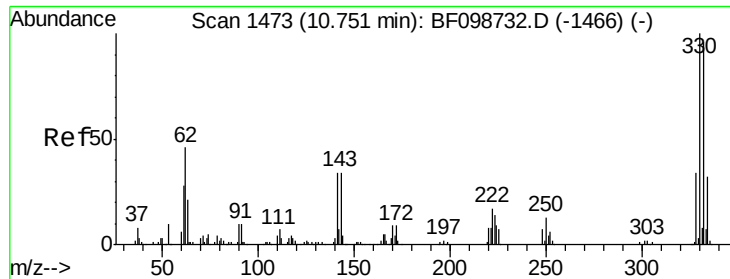
#40
 Hexachlorocyclopentadiene
 Concen: 22.37 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:	237	Resp:	42557
Ion	Ratio	Lower	Upper
237	100		
235	61.5	44.8	84.8
272	14.4	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

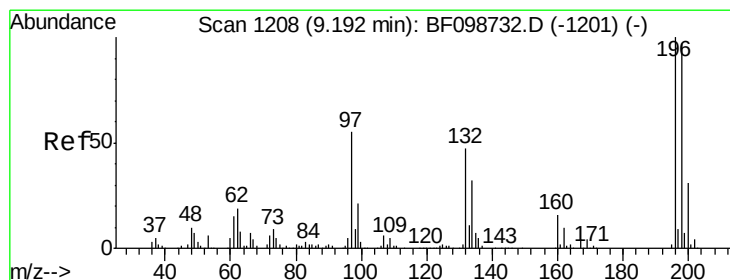
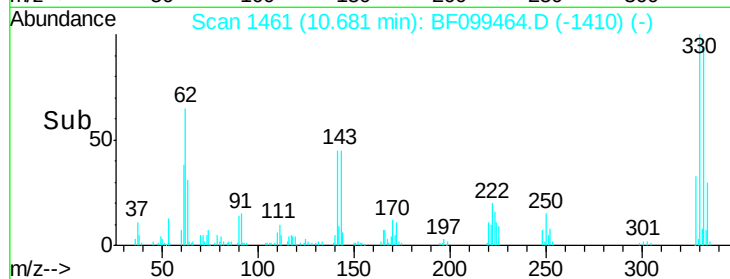
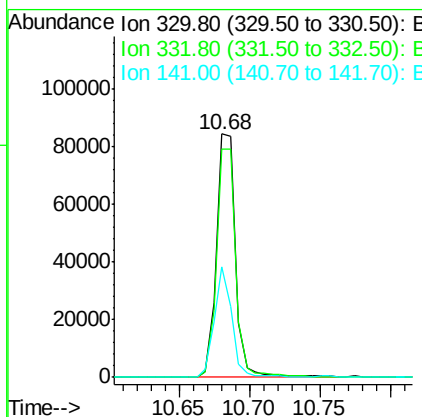
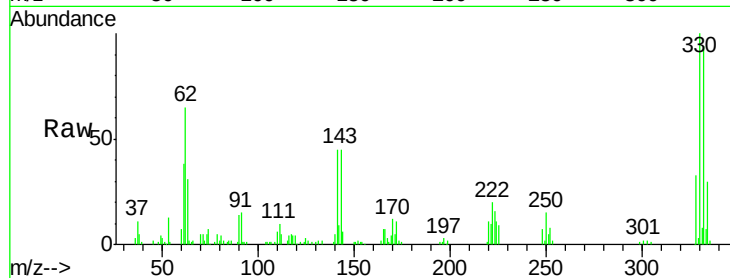




#41
 2,4,6-Tribromophenol
 Concen: 69.96 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

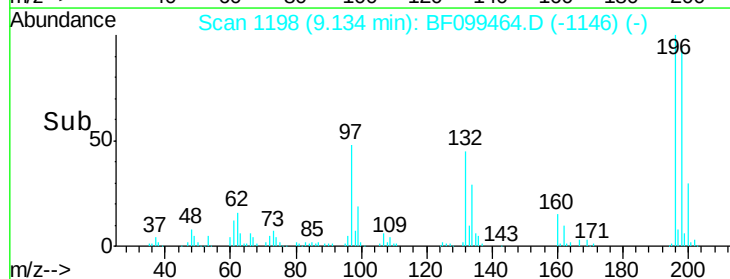
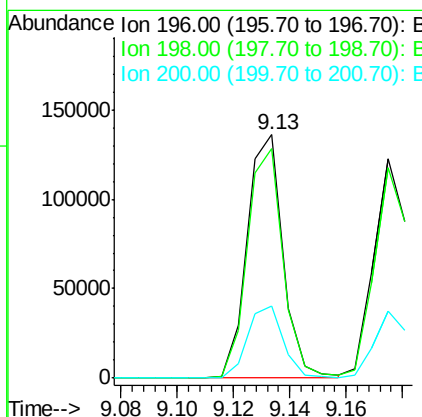
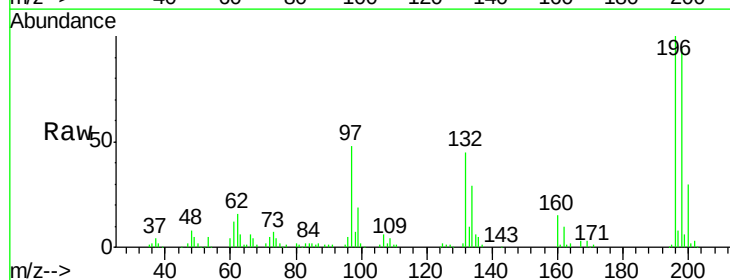
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

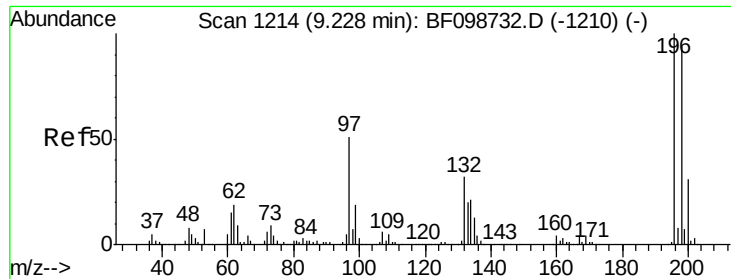
Tgt Ion:330 Resp: 79916
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 41.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.45 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:196 Resp: 119287
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 29.8 24.5 36.7

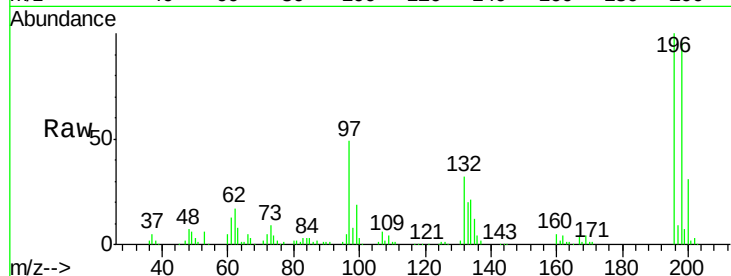




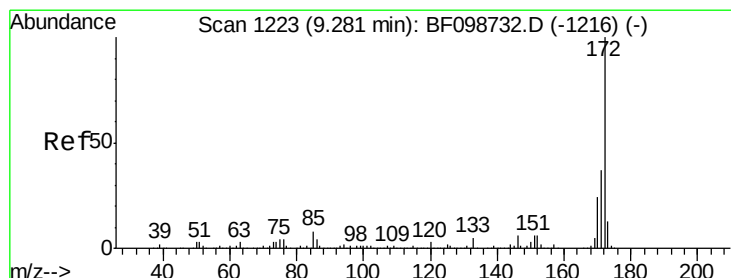
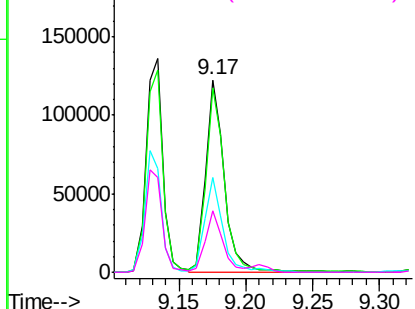
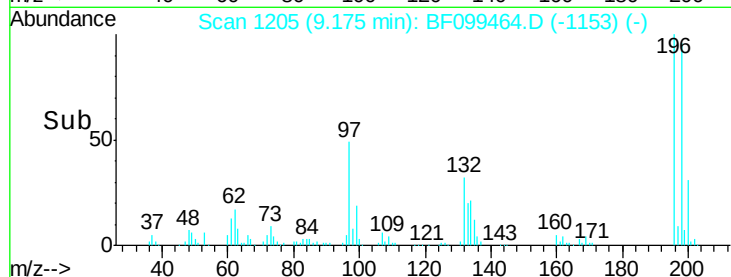
#43
 2,4,5-Trichlorophenol
 Concen: 39.97 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 117671
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 49.4 42.9 64.3
 132 32.0 26.3 39.5

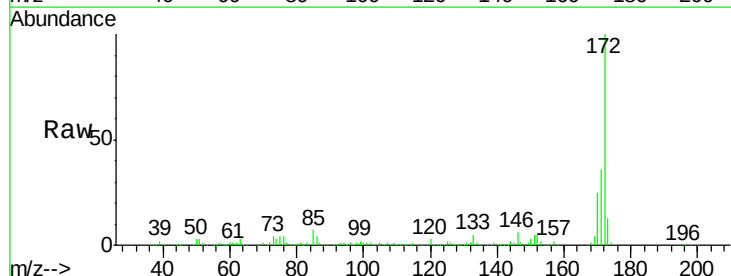


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

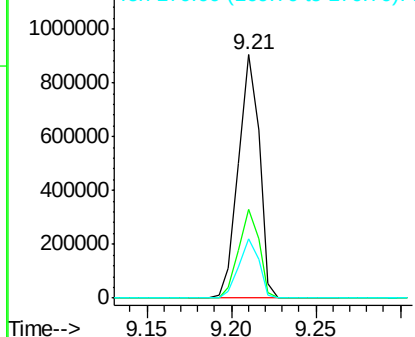
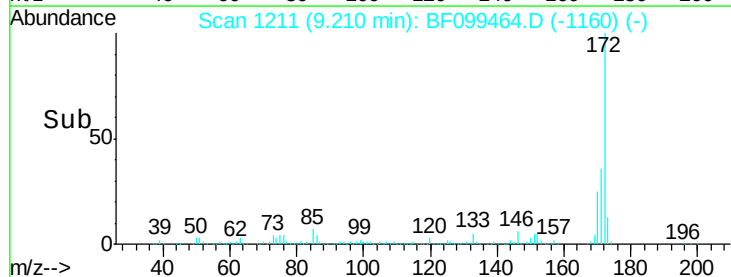


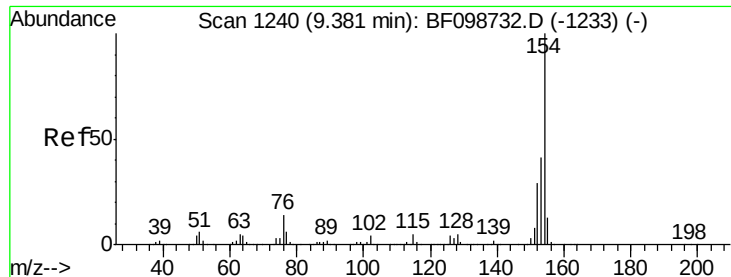
#44
 2-Fluorobiphenyl
 Concen: 93.38 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:172 Resp: 780859
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 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

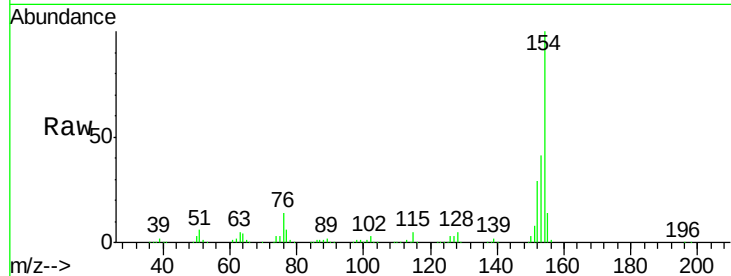




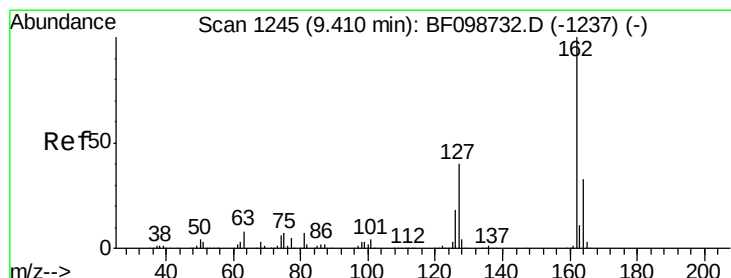
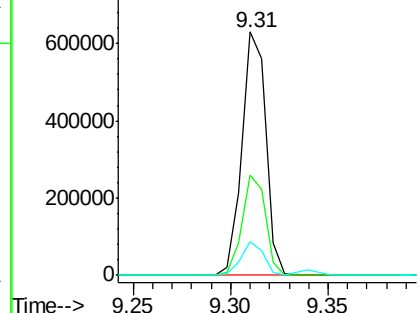
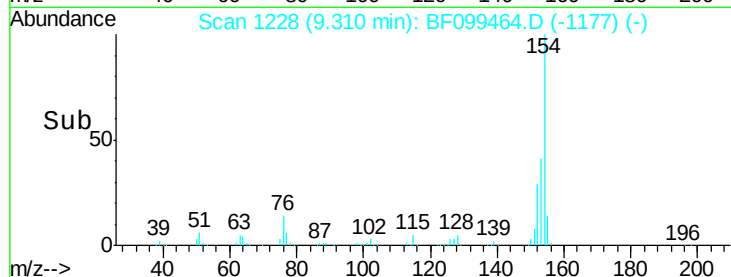
#45
 1,1'-Biphenyl
 Concen: 44.58 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 534887
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 14.0 0.0 34.0

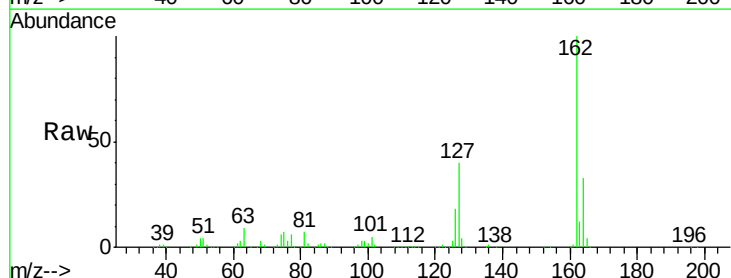


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

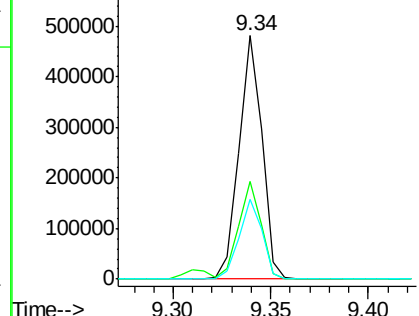
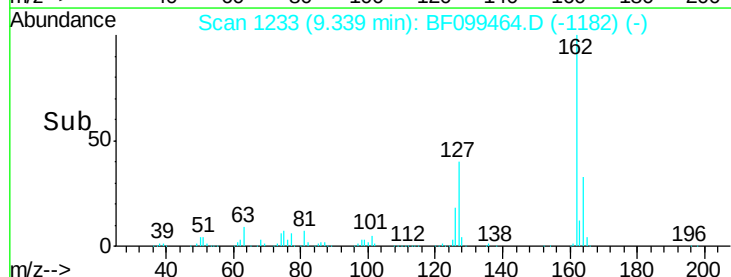


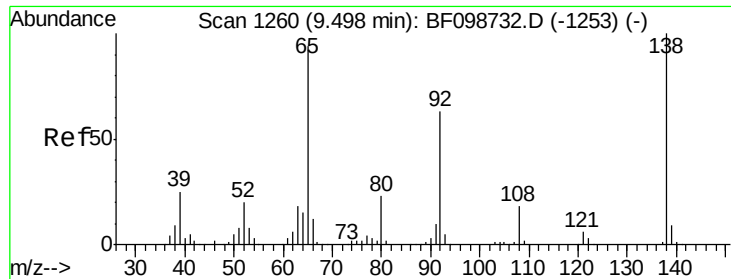
#46
 2-Chloronaphthalene
 Concen: 43.48 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:162 Resp: 391666
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.9 50.9
 164 32.7 26.5 39.7



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

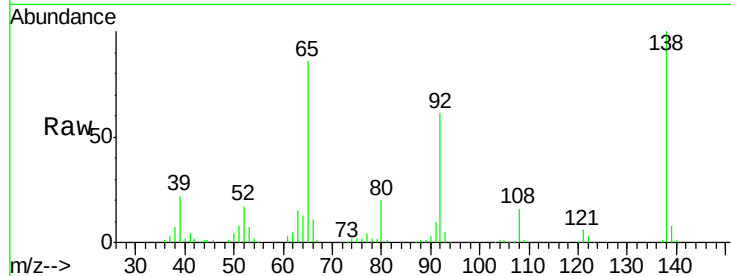




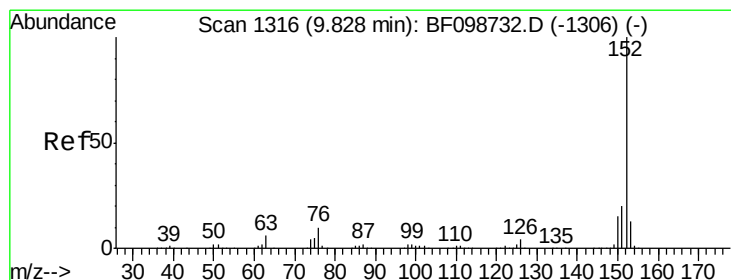
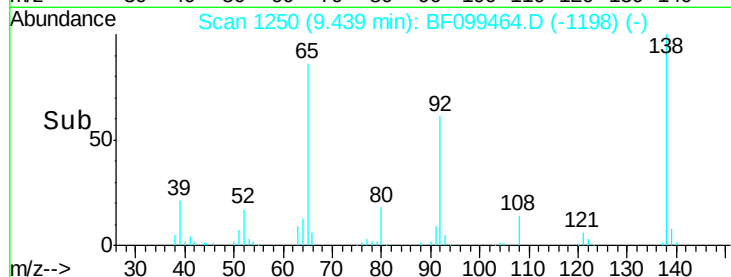
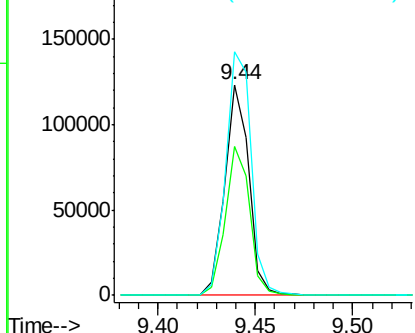
#47
 2-Nitroaniline
 Concen: 38.34 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 65 Resp: 105747
 Ion Ratio Lower Upper
 65 100
 92 70.9 55.8 83.6
 138 115.7 91.2 136.8

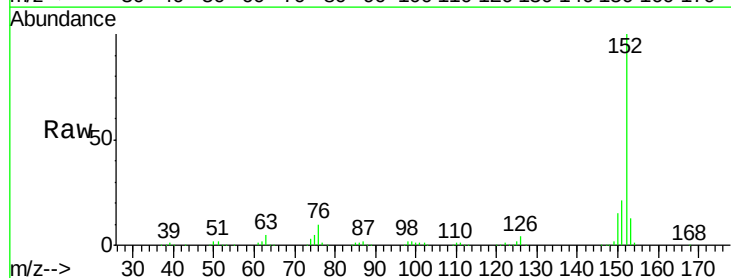


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

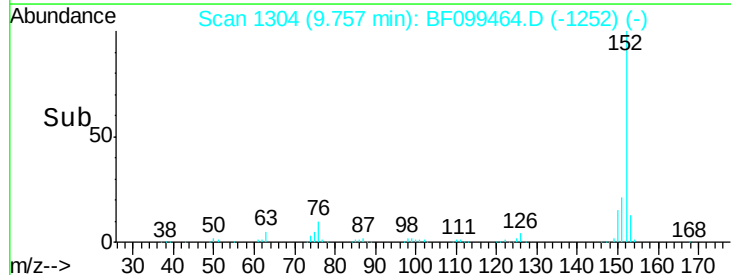
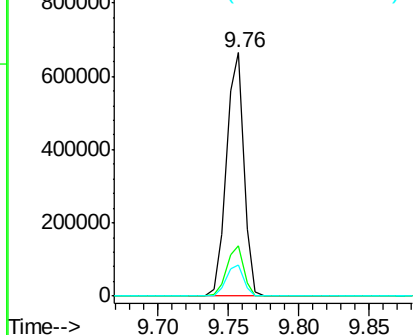


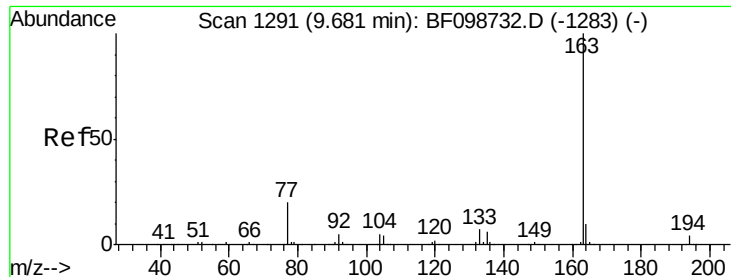
#48
 Acenaphthylene
 Concen: 41.21 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion: 152 Resp: 568260
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 12.8 10.7 16.1



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

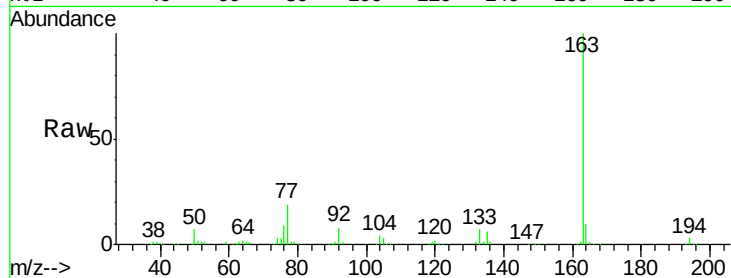




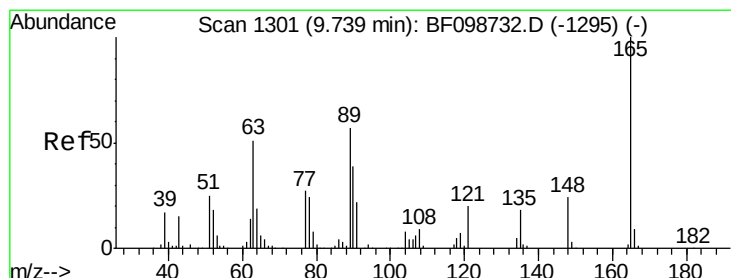
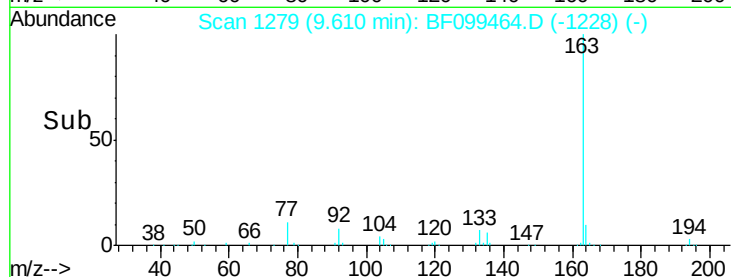
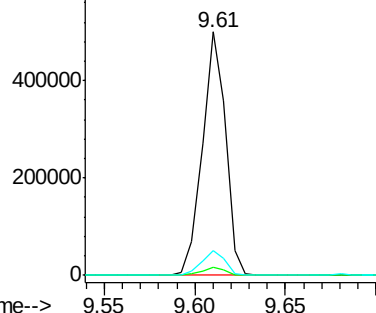
#49
Dimethylphthalate
Concen: 42.25 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 445164
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

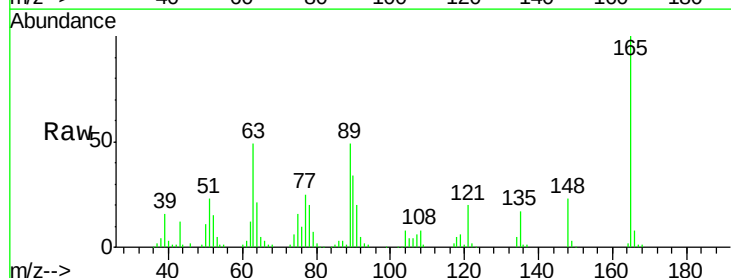


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

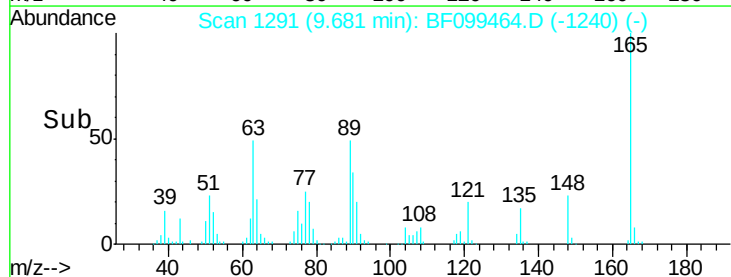
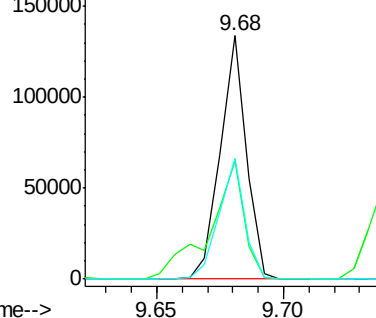


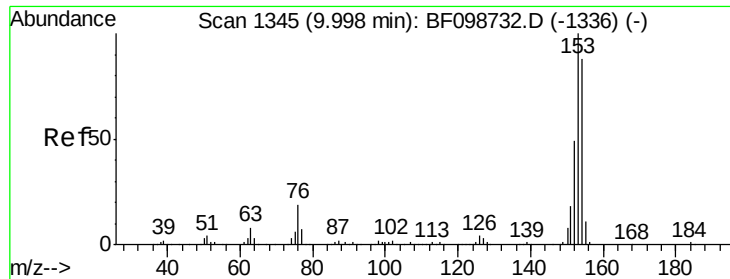
#50
2,6-Dinitrotoluene
Concen: 41.96 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion:165 Resp: 96249
Ion Ratio Lower Upper
165 100
63 48.8 44.7 67.1
89 49.4 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: 38.84 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

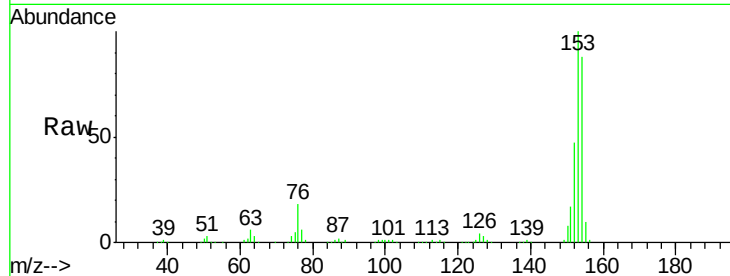
Tgt Ion:154 Resp: 339251

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

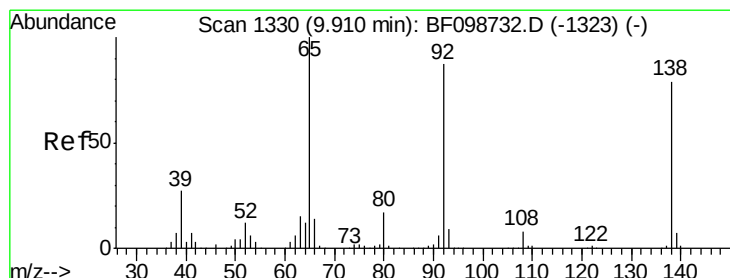
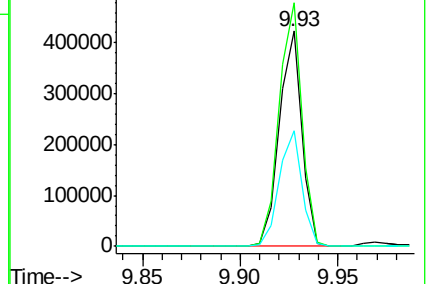
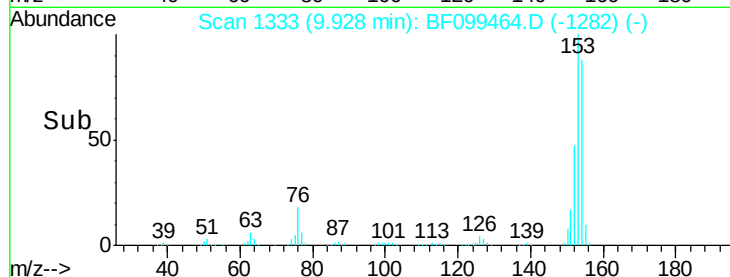
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.79 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

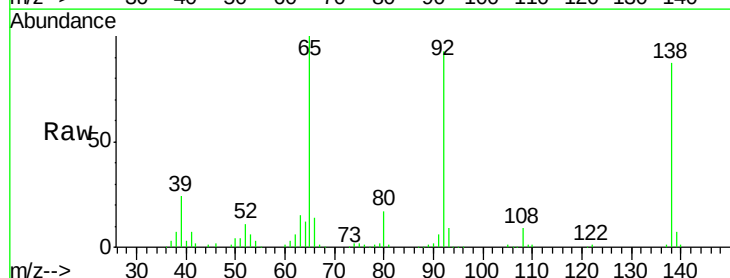
Tgt Ion:138 Resp: 103758

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

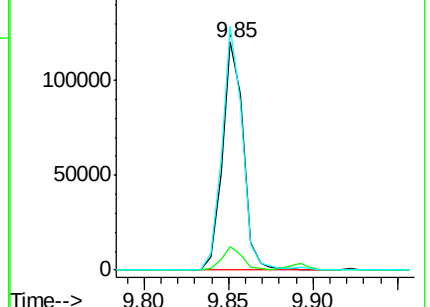
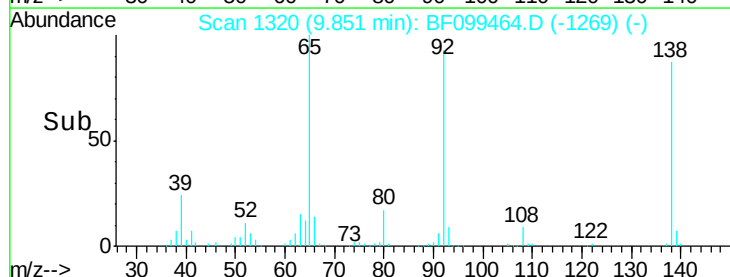
92 106.9 89.4 134.2

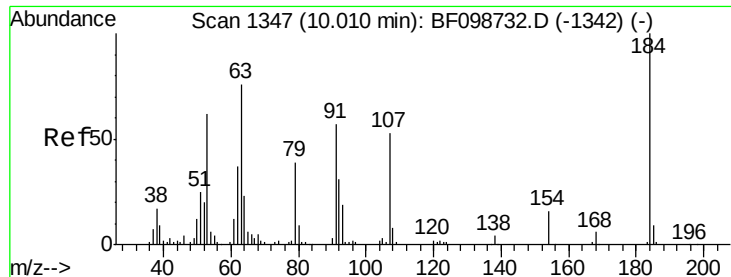


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

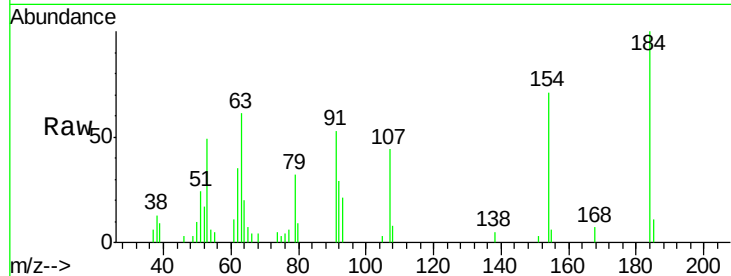




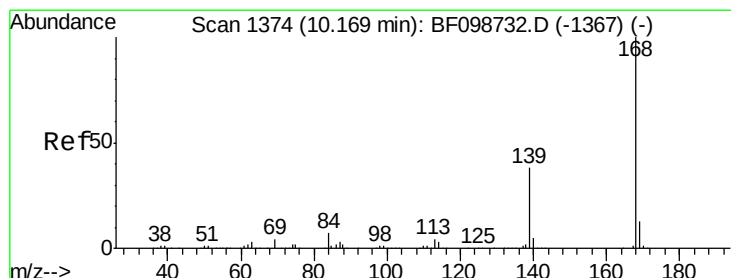
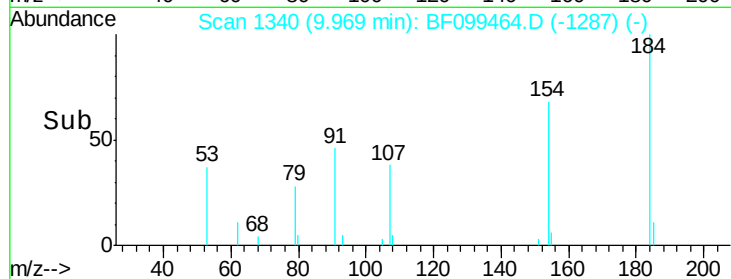
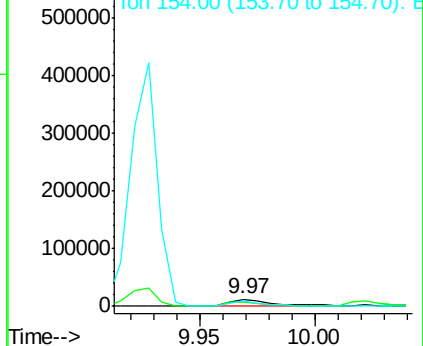
#53
2,4-Dinitrophenol
Concen: 18.84 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 16758
Ion Ratio Lower Upper
184 100
63 60.7 54.2 81.2
154 71.1 53.5 80.3

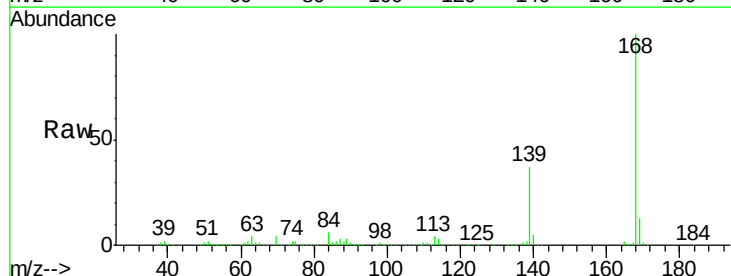


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

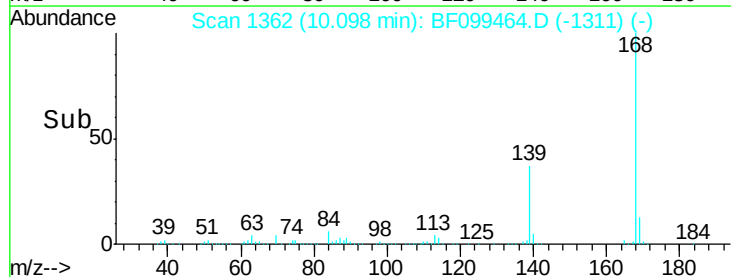
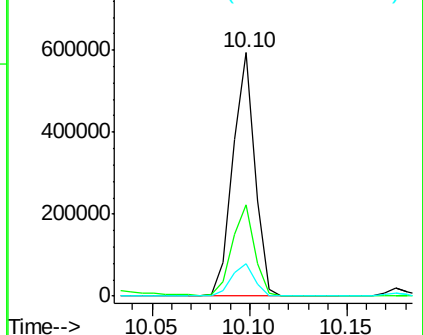


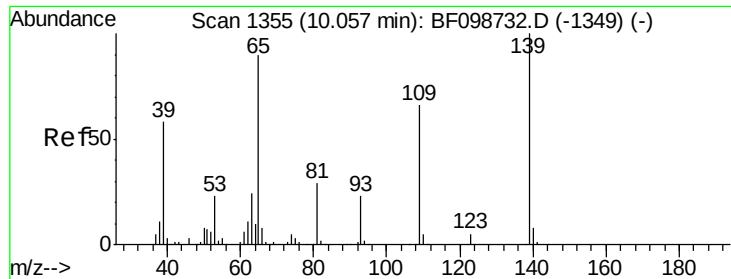
#54
Dibenzofuran
Concen: 39.96 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion:168 Resp: 464779
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.2 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: 21.06 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

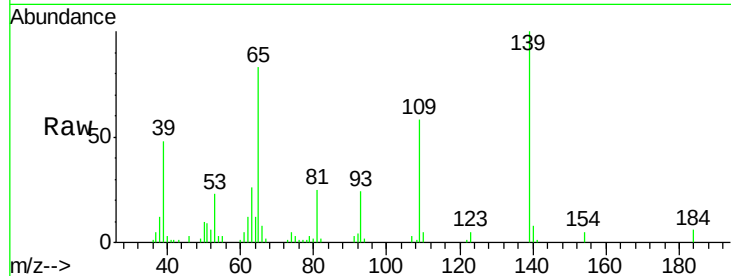
Tgt Ion:139 Resp: 47620

Ion Ratio Lower Upper

139 100

109 58.5 48.4 88.4

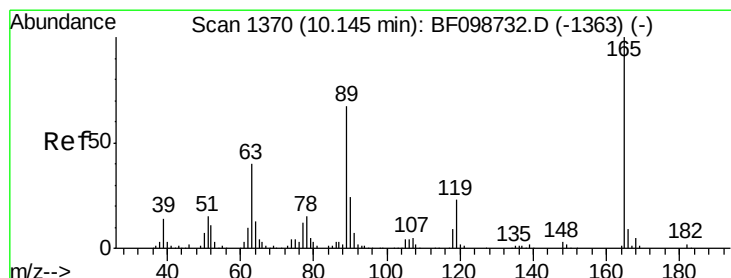
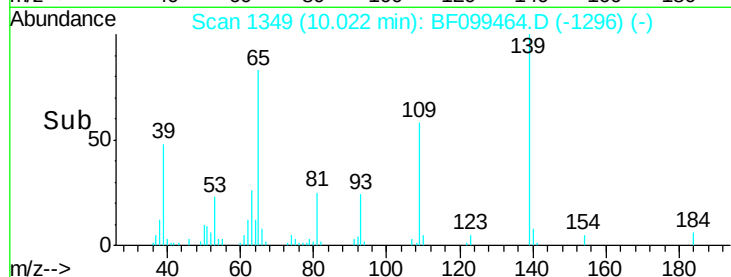
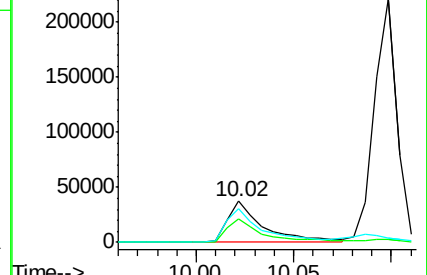
65 83.2 72.6 112.6



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: 37.66 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Tgt Ion:165 Resp: 112100

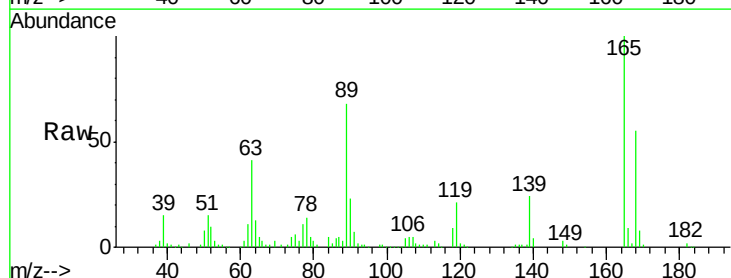
Ion Ratio Lower Upper

165 100

63 41.1 36.4 54.6

89 67.6 57.8 86.6

182 2.1 1.6 2.4

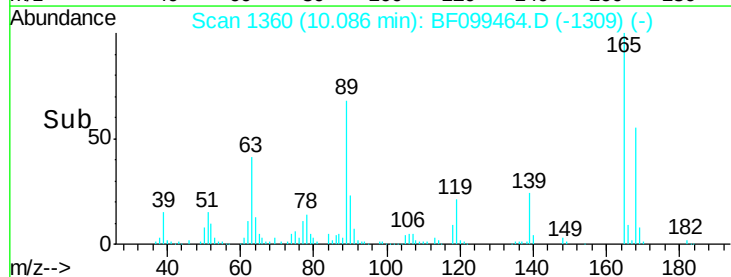
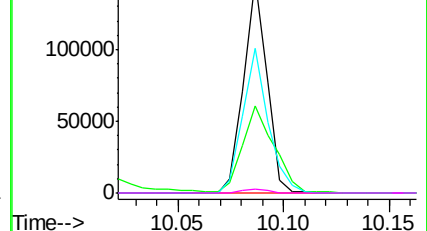


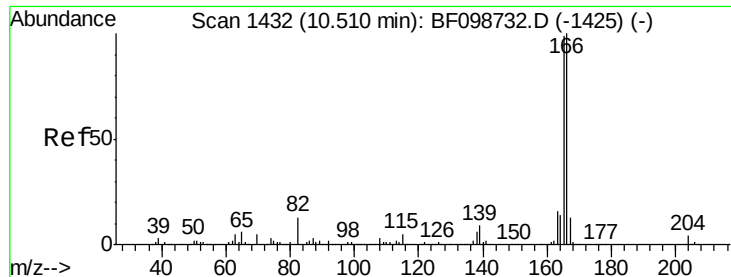
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.00 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

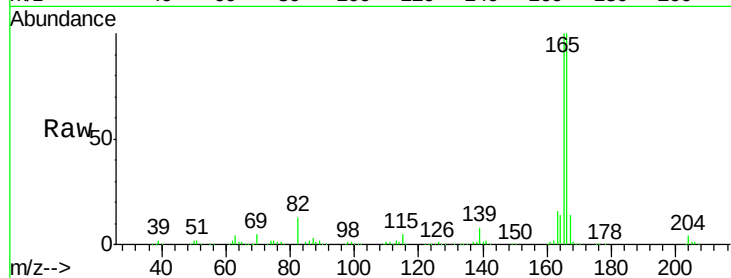
Tgt Ion:166 Resp: 373934

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

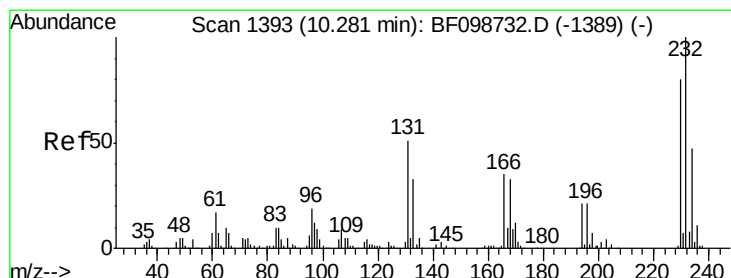
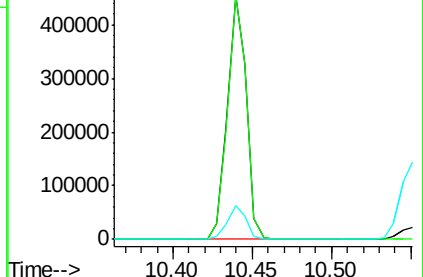
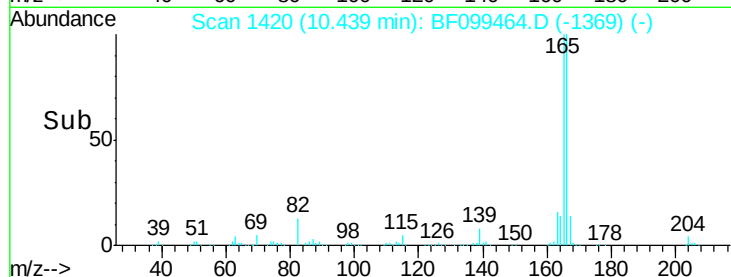
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.84 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Tgt Ion:232 Resp: 64754

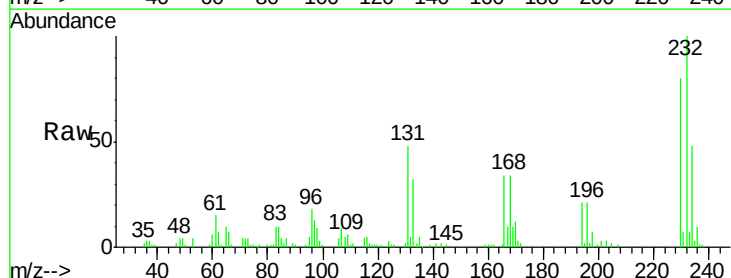
Ion Ratio Lower Upper

232 100

131 56.3 43.8 65.8

130 2.3 2.1 3.1

166 34.9 27.8 41.6

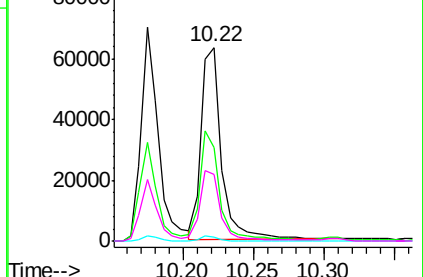
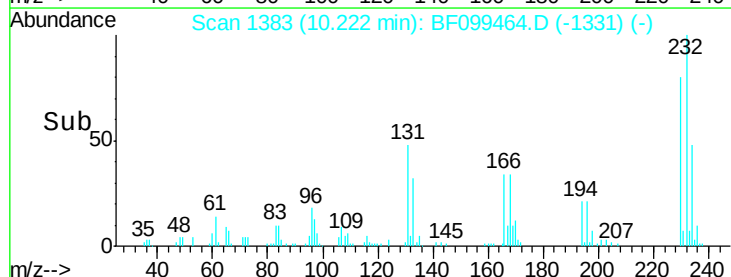


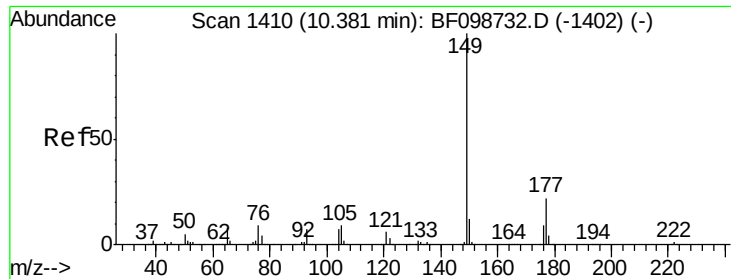
Abundance Ion 232.00 (231.70 to 232.70): E

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

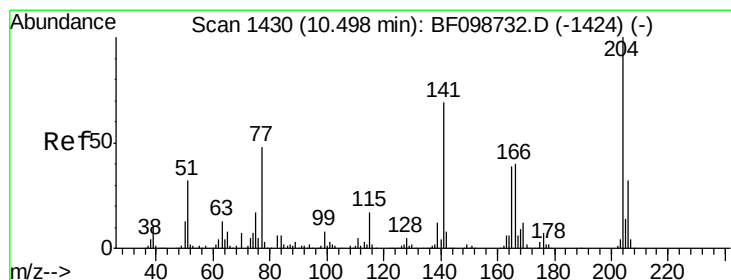
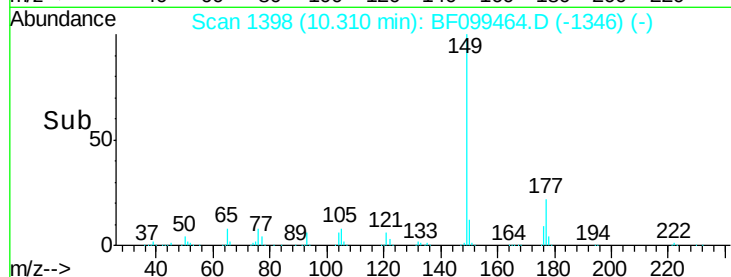
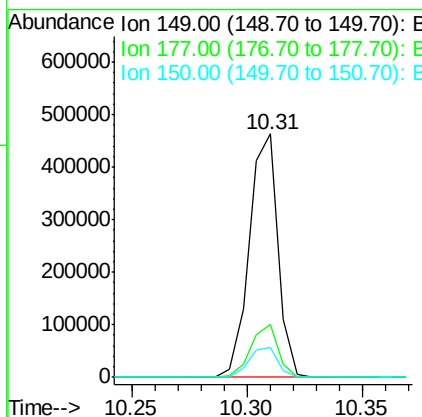
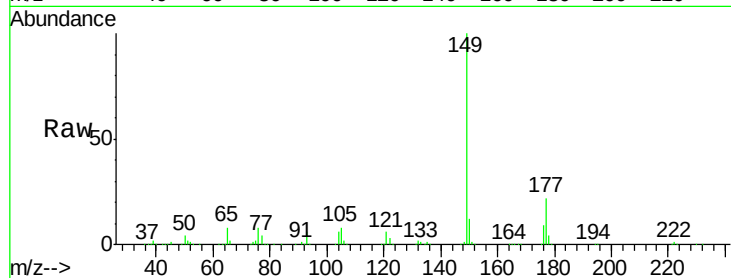




#59
Diethylphthalate
Concen: 38.92 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

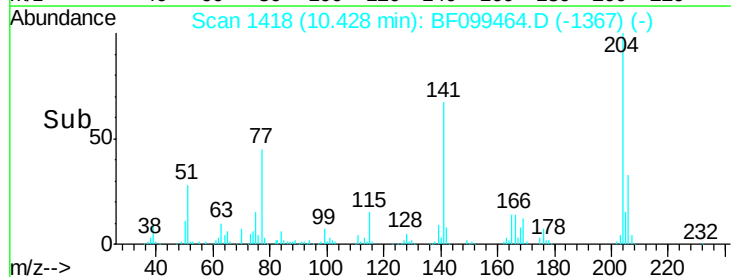
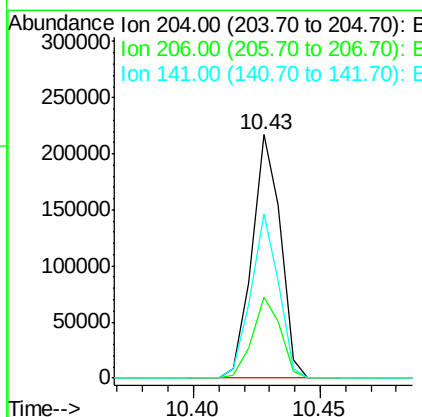
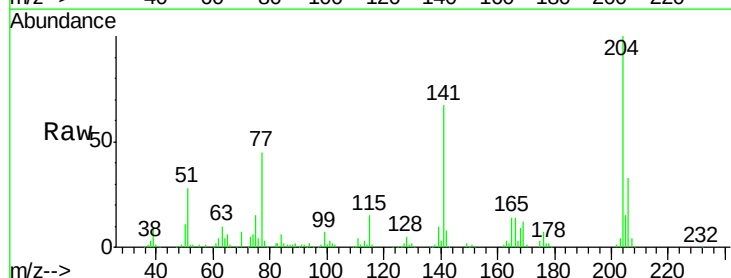
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

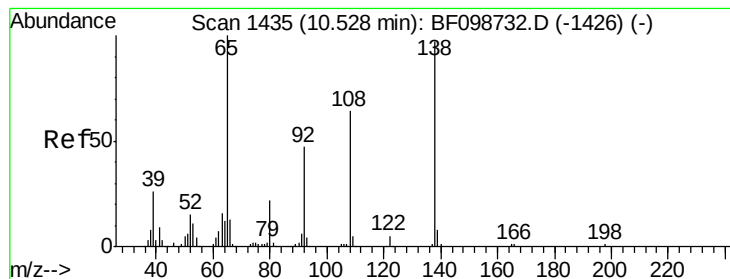
Tgt Ion:149 Resp: 400667
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.60 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion:204 Resp: 170481
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 67.3 54.6 81.8





#61

4-Nitroaniline

Concen: 34.70 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

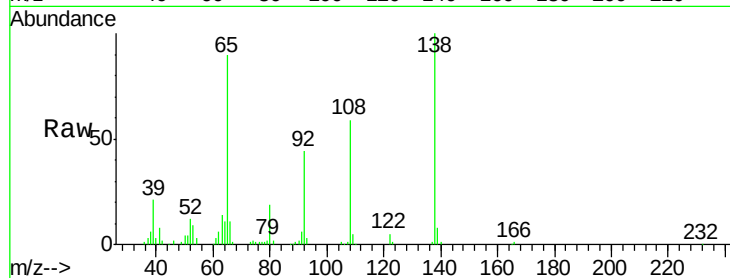
Tgt Ion:138 Resp: 89535

Ion Ratio Lower Upper

138 100

92 43.9 30.2 70.2

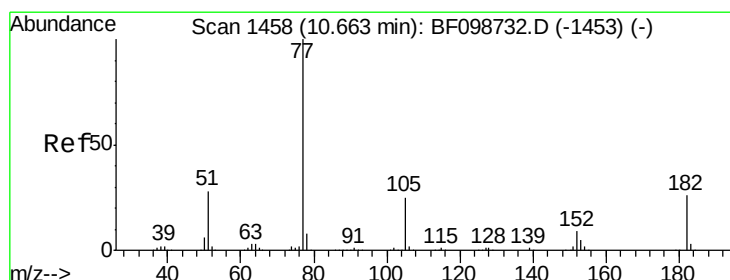
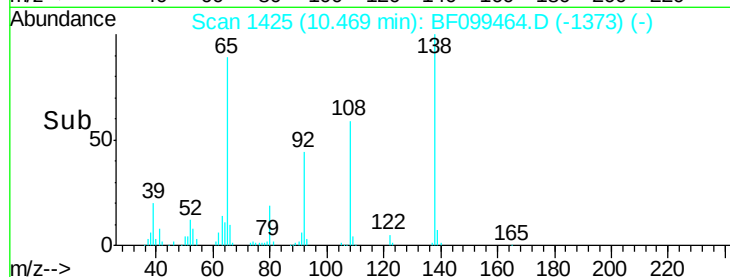
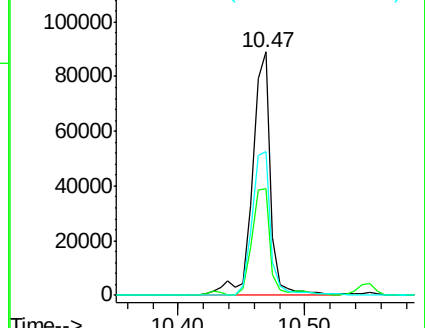
108 59.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.31 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Tgt Ion: 77 Resp: 334233

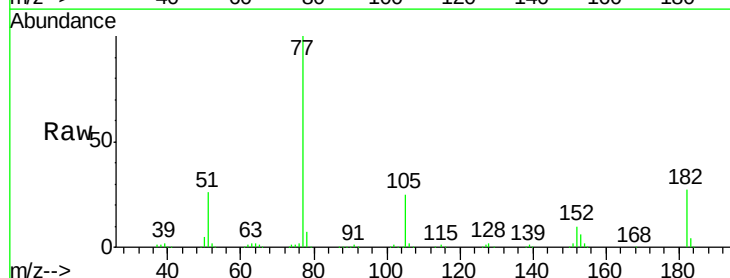
Ion Ratio Lower Upper

77 100

182 27.5 1.7 41.7

105 25.2 3.0 43.0

51 25.9 9.9 49.9

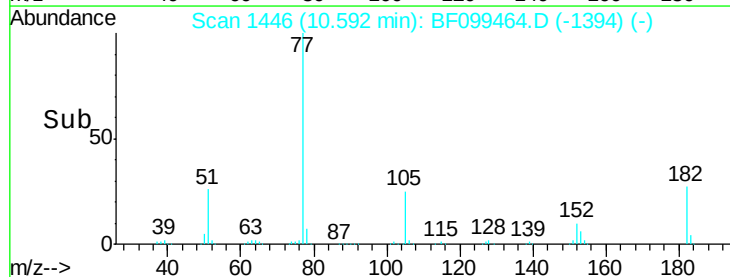
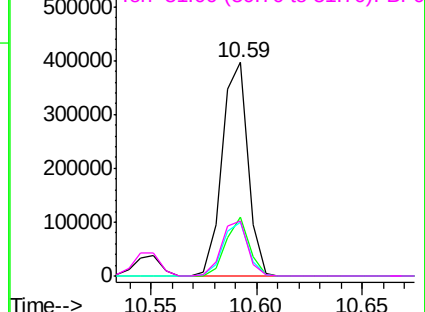


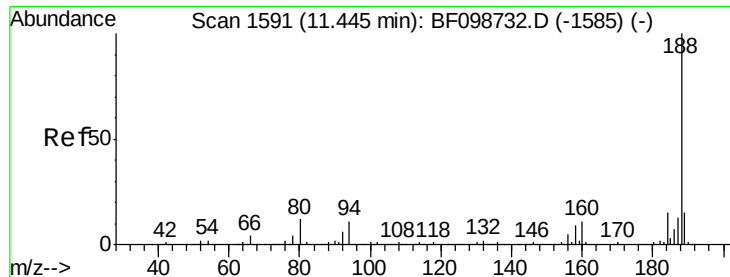
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

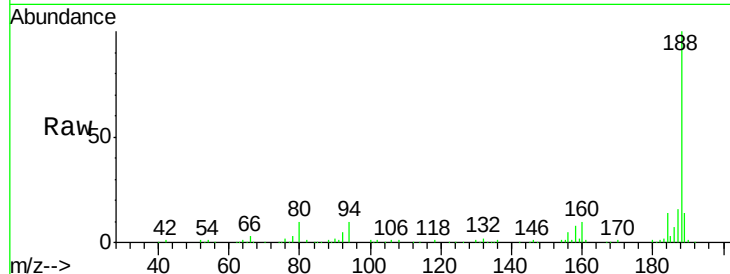




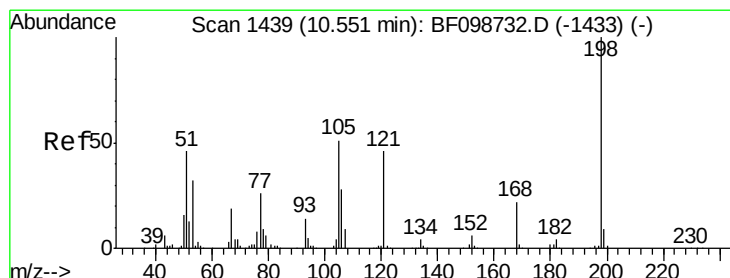
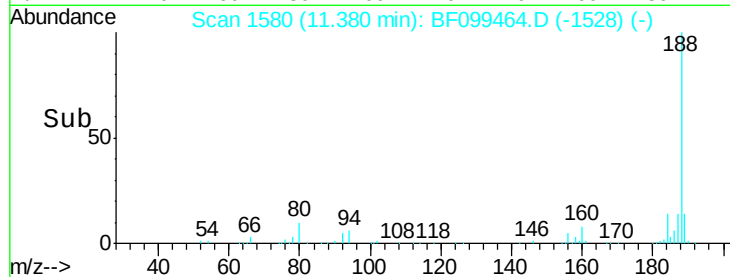
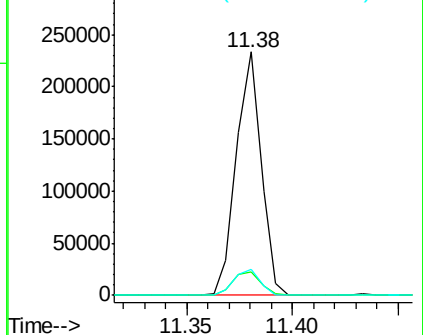
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8

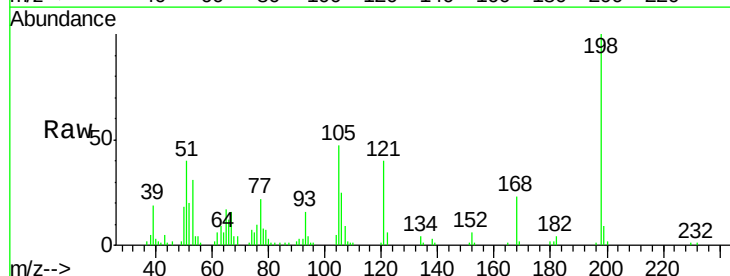


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

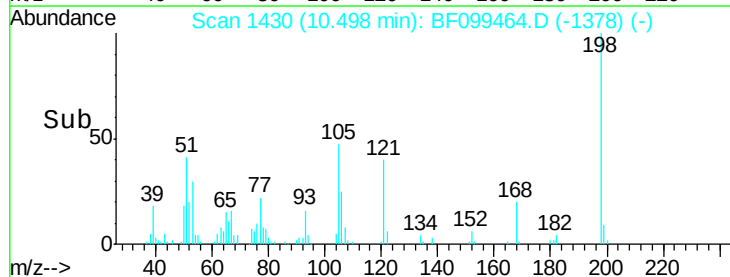
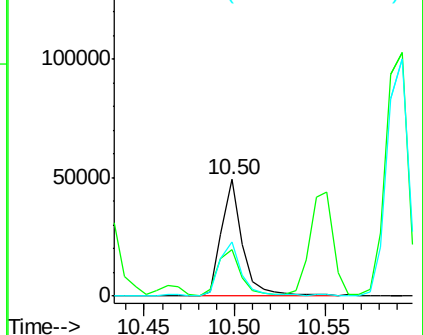


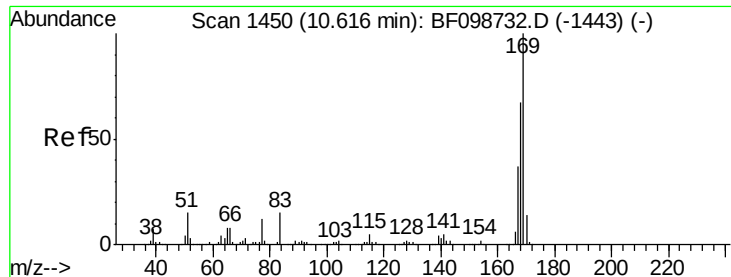
#64
4,6-Dinitro-2-methylphenol
Concen: 34.53 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.4	37.7	77.7
105	46.5	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

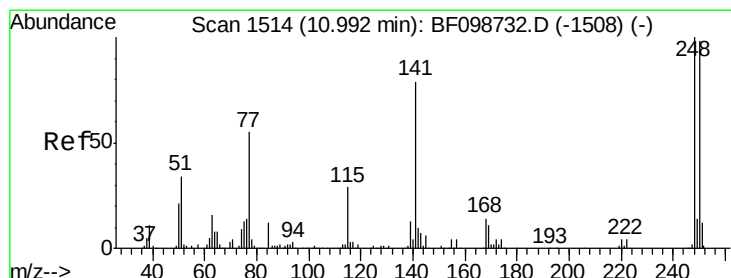
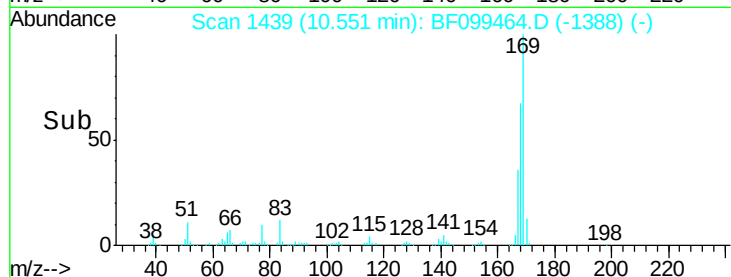
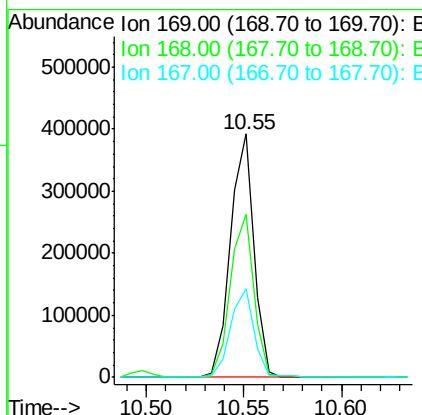
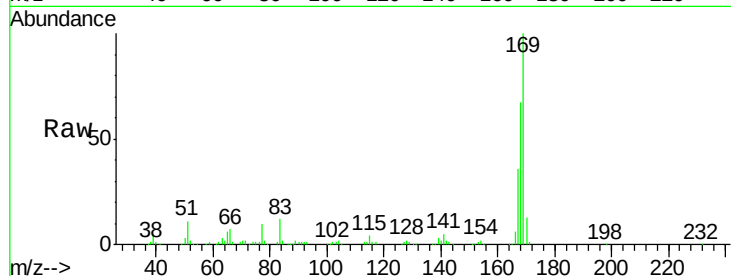




#65
 n-Nitrosodiphenylamine
 Concen: 49.47 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

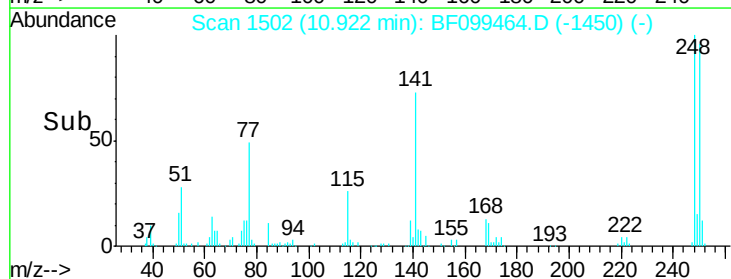
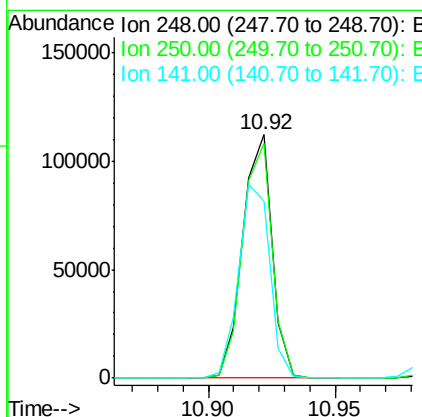
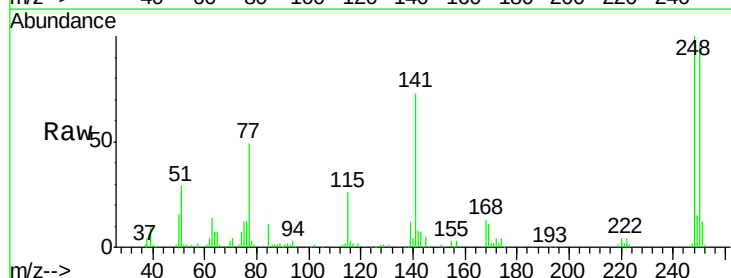
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

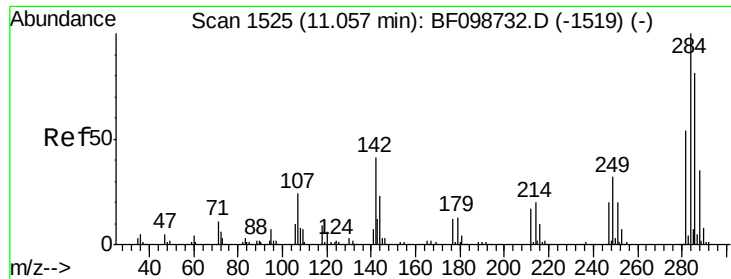
Tgt Ion:169 Resp: 326072
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 36.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.69 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:248 Resp: 90667
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.9 115.3
 141 73.0 74.4 111.6#

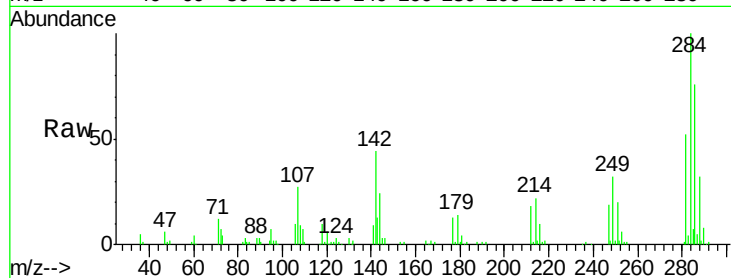




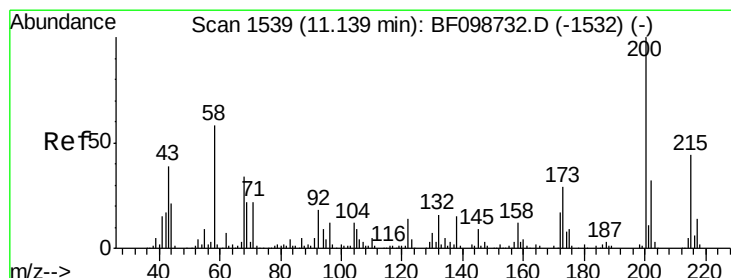
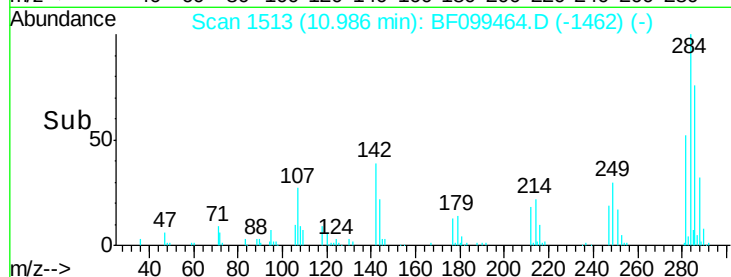
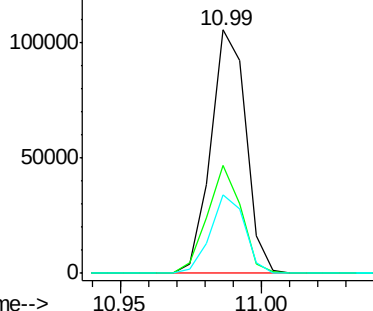
#67
Hexachlorobenzene
Concen: 45.96 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 91407
Ion Ratio Lower Upper
284 100
142 44.1 34.6 52.0
249 32.1 24.8 37.2

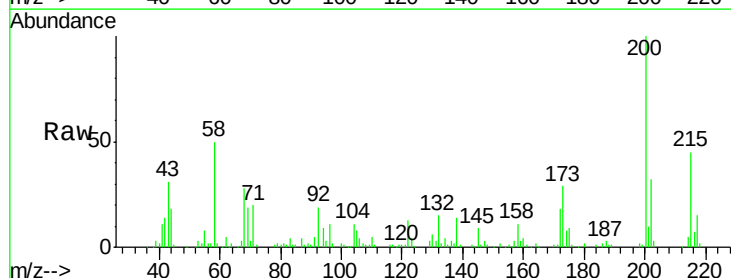


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

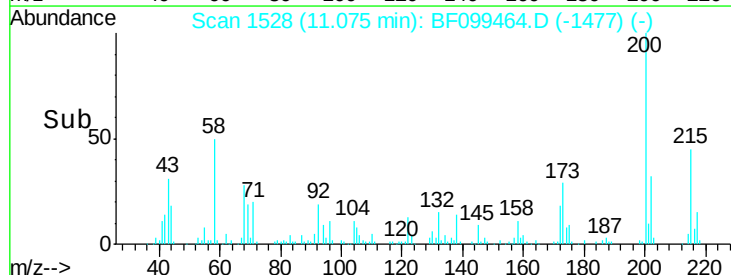
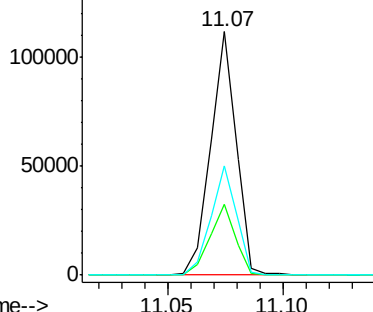


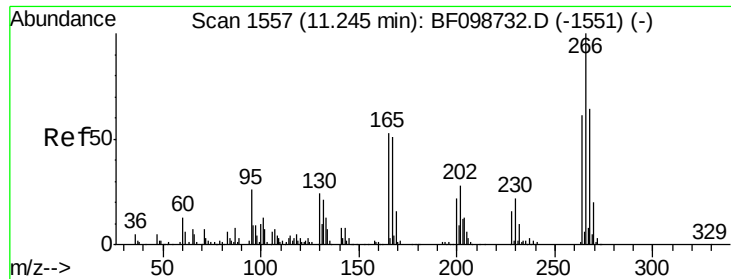
#68
Atrazine
Concen: 43.75 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion: 200 Resp: 86757
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 44.9 25.1 65.1



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

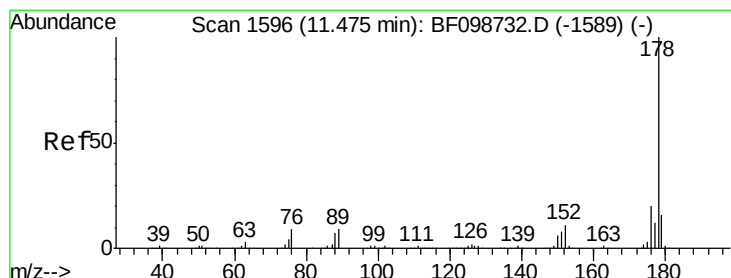
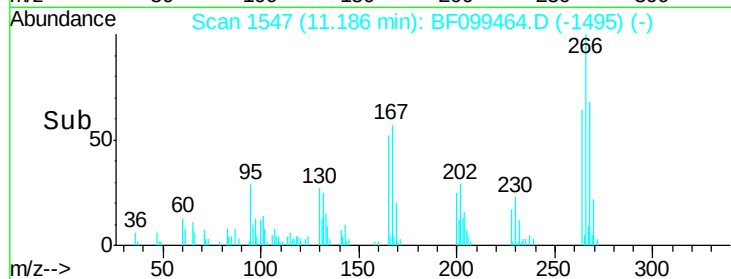
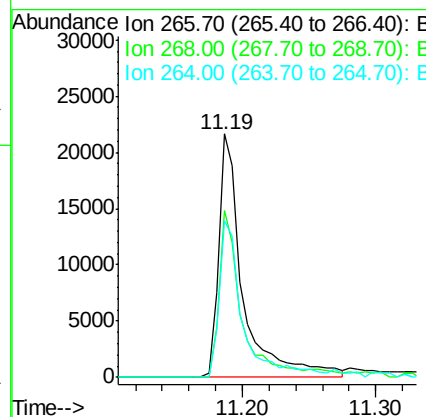
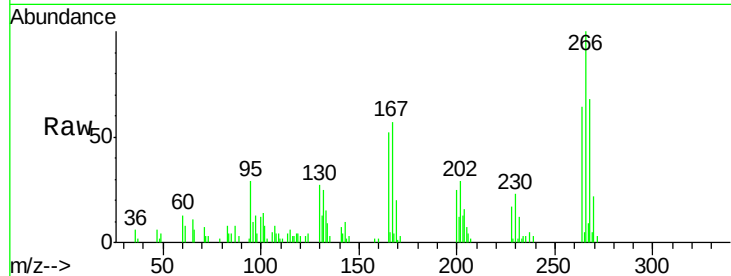




#69
 Pentachlorophenol
 Concen: 22.44 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

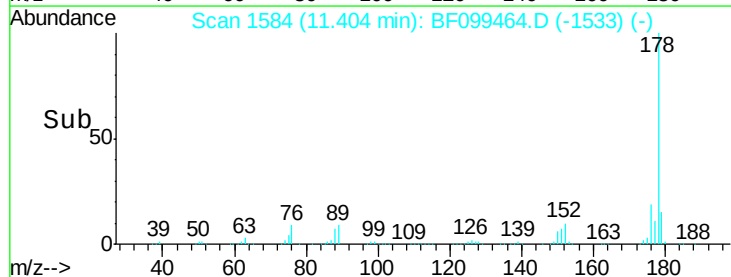
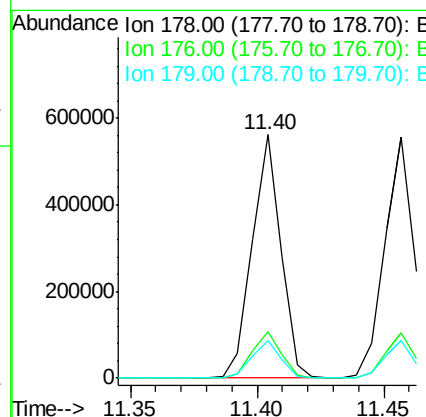
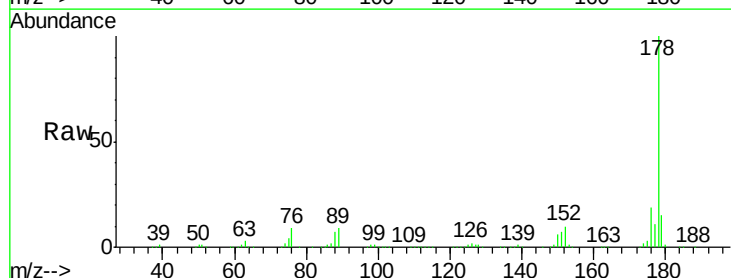
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

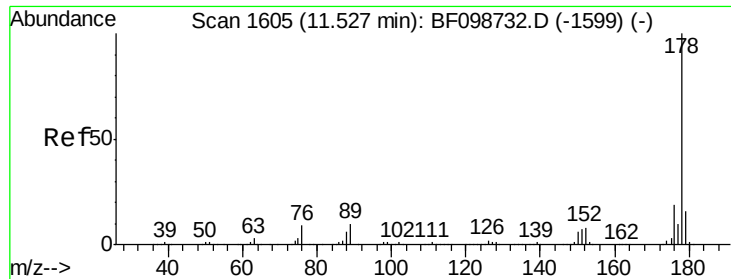
Tgt Ion:266 Resp: 27777
 Ion Ratio Lower Upper
 266 100
 268 68.3 51.1 76.7
 264 64.3 49.5 74.3



#70
 Phenanthrene
 Concen: 43.50 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:178 Resp: 442951
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.3 13.0 19.6

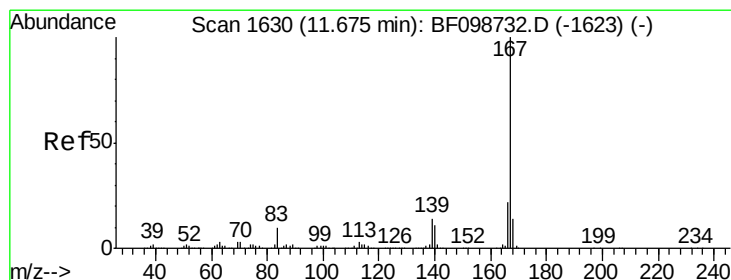
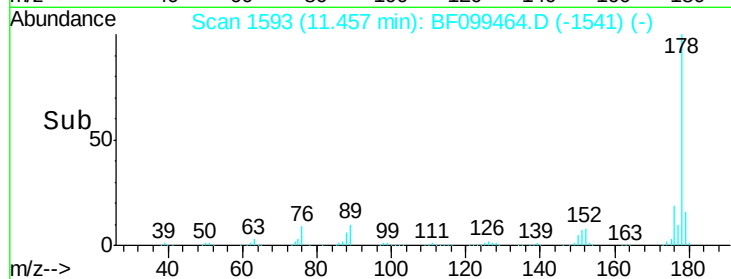
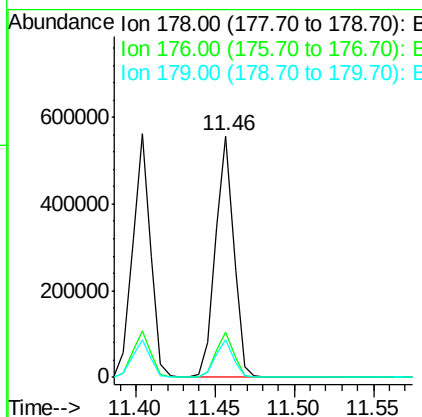
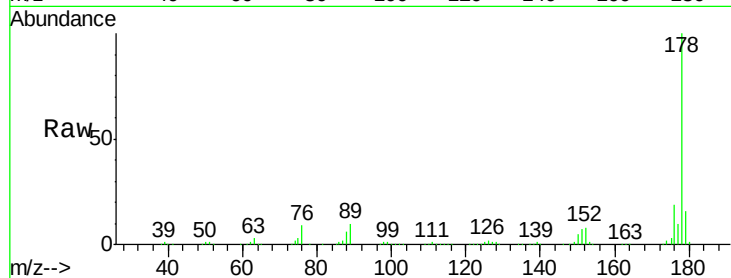




#71
 Anthracene
 Concen: 43.02 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

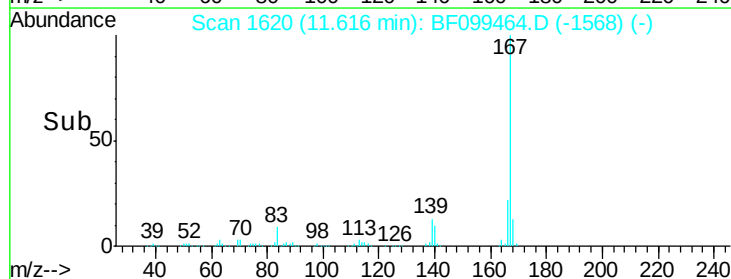
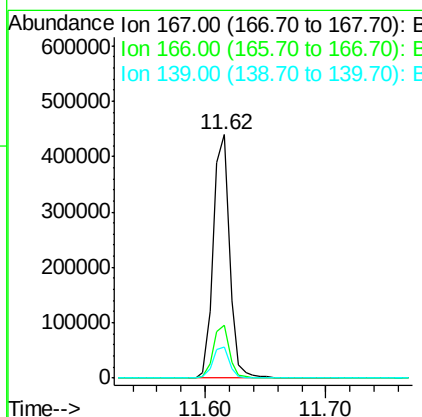
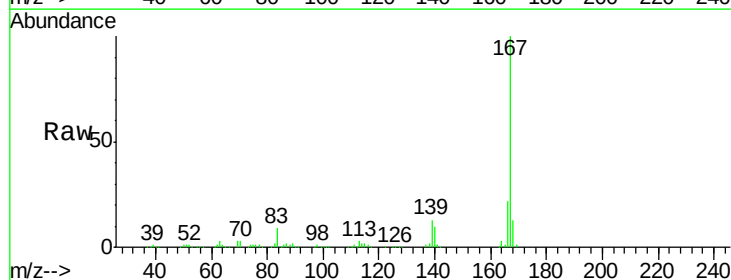
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

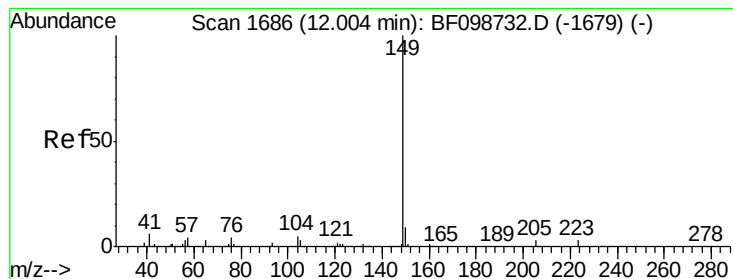
Tgt Ion:178 Resp: 448236
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.81 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion:167 Resp: 406198
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.59 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

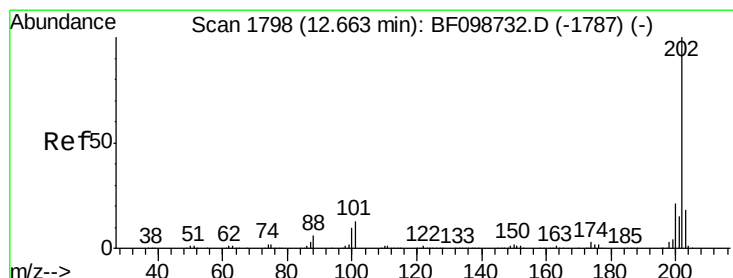
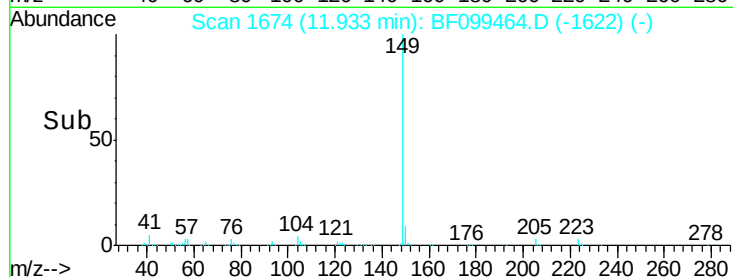
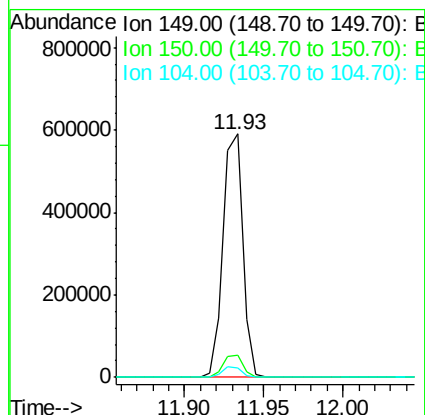
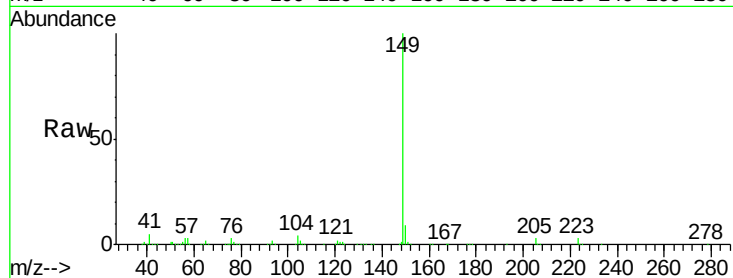
Tgt Ion:149 Resp: 510794

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

104 4.1 3.8 5.8



#74

Fluoranthene

Concen: 38.04 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

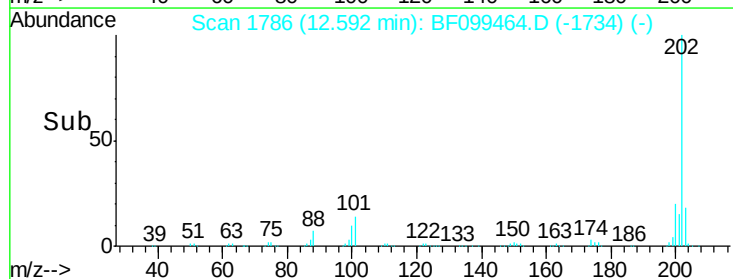
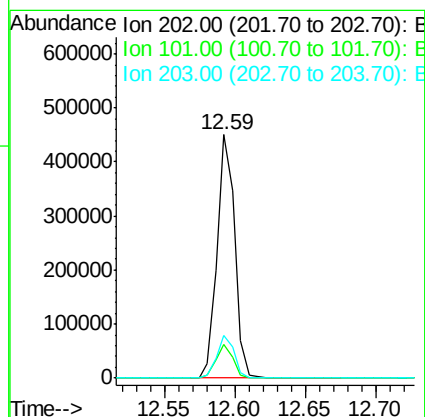
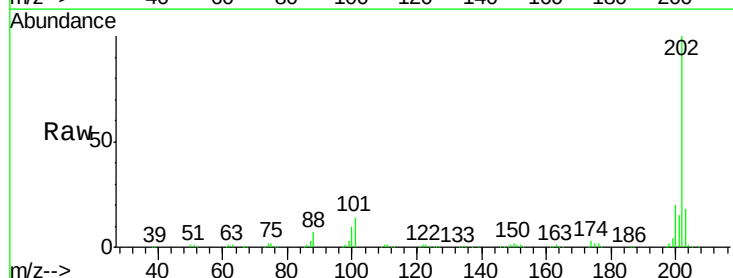
Tgt Ion:202 Resp: 392253

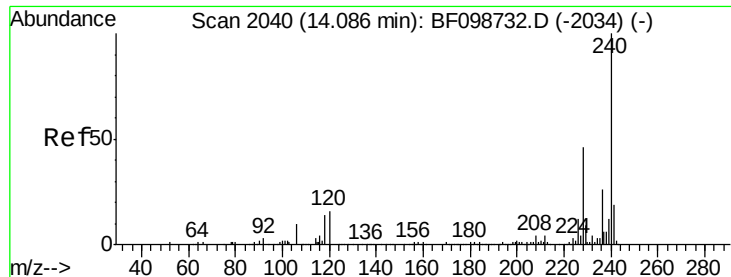
Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

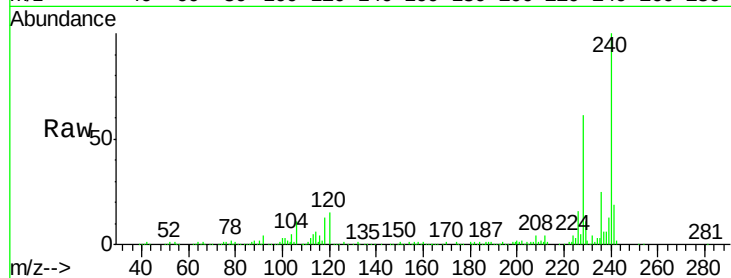
Tgt Ion:240 Resp: 144606

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

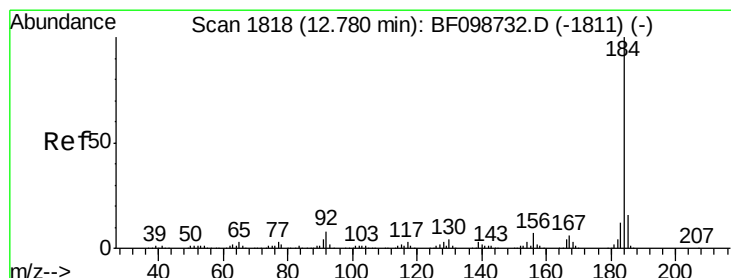
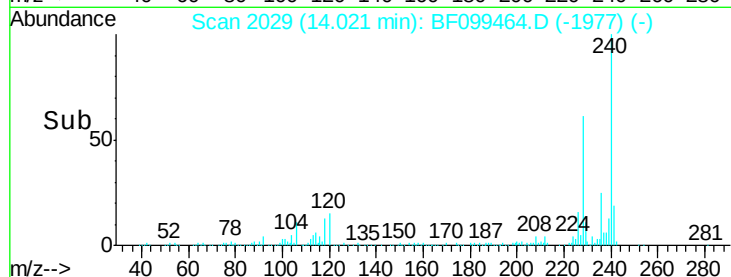
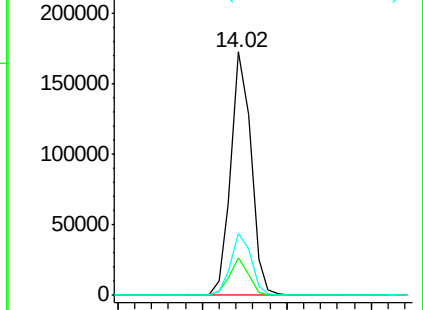
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.77 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

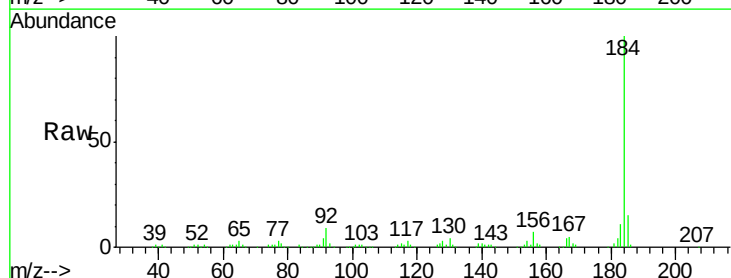
Tgt Ion:184 Resp: 180621

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

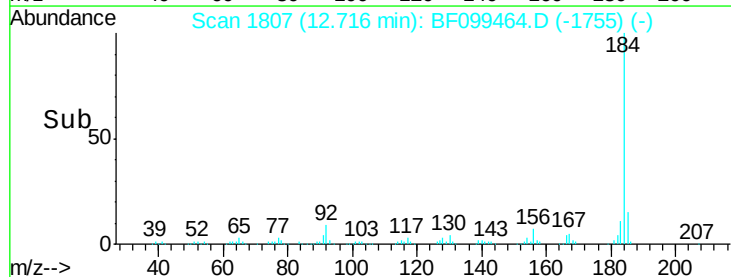
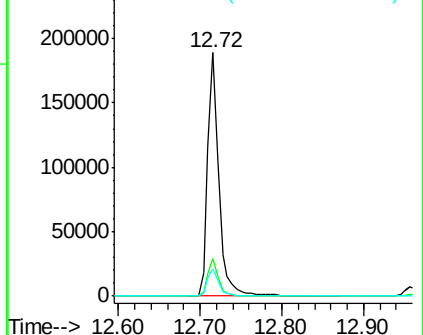
183 11.4 9.3 13.9

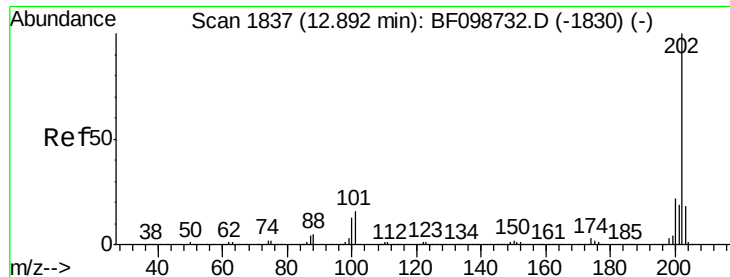


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

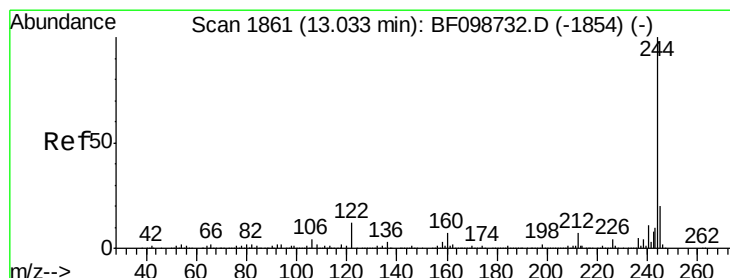
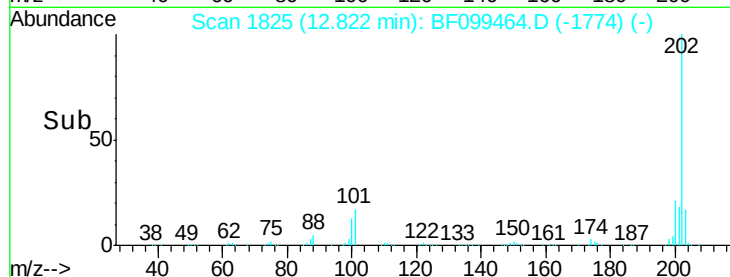
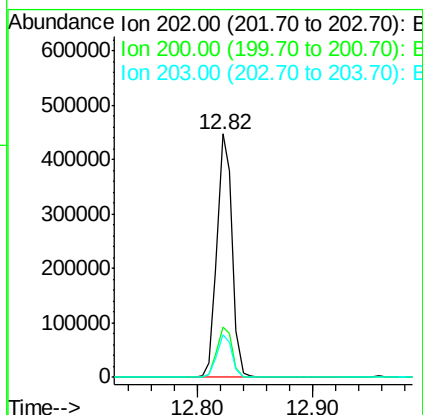
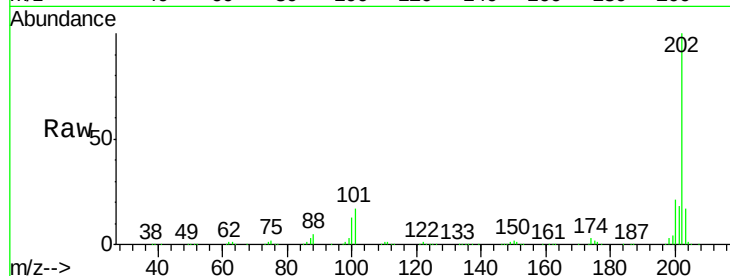




#77
 Pyrene
 Concen: 36.94 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

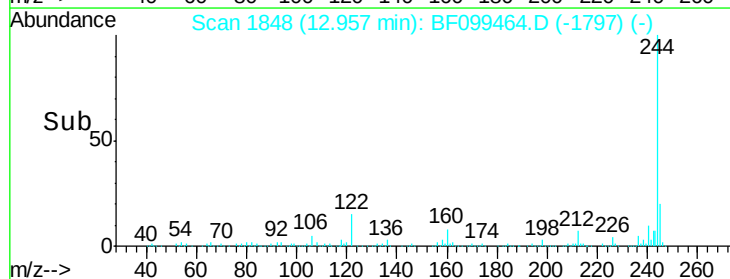
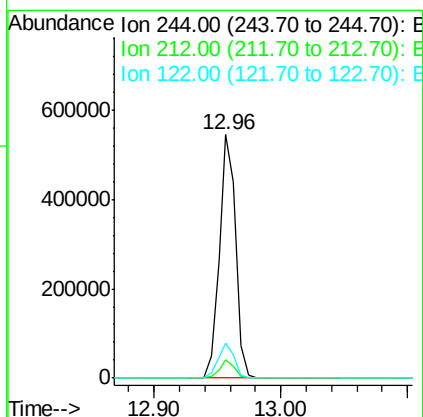
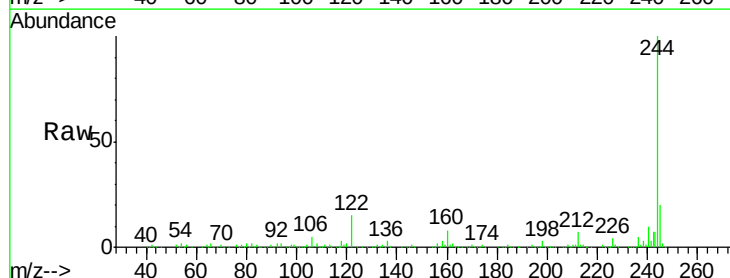
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

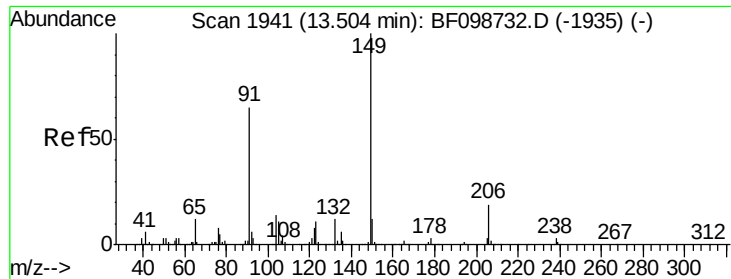
Tgt Ion: 202 Resp: 407332
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 77.06 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion: 244 Resp: 489959
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.5 11.0 16.4

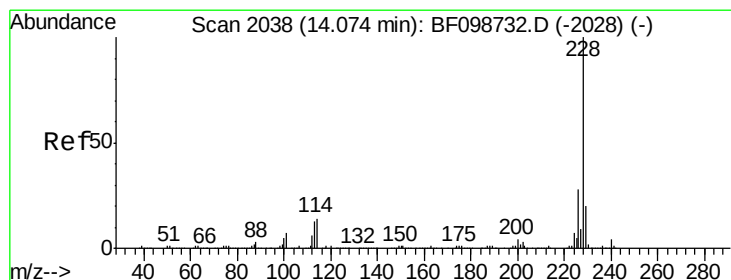
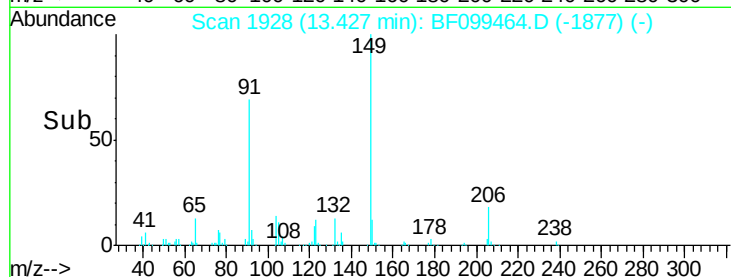
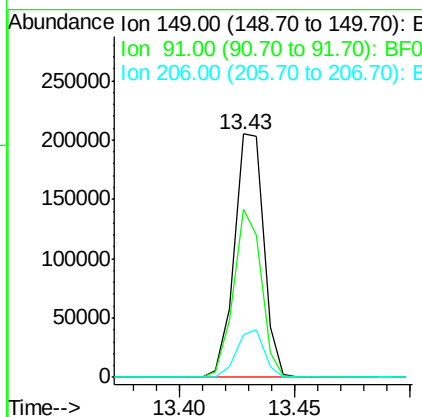
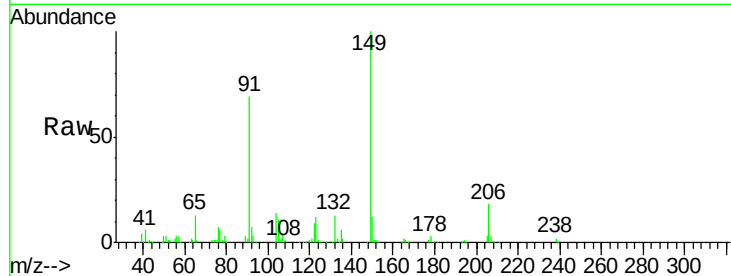




#79
Butylbenzylphthalate
Concen: 35.27 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

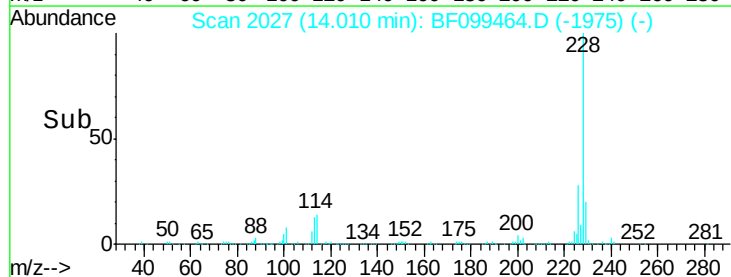
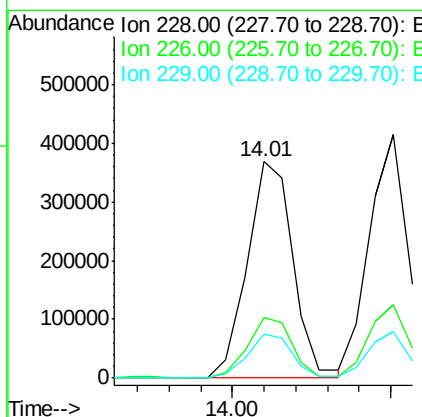
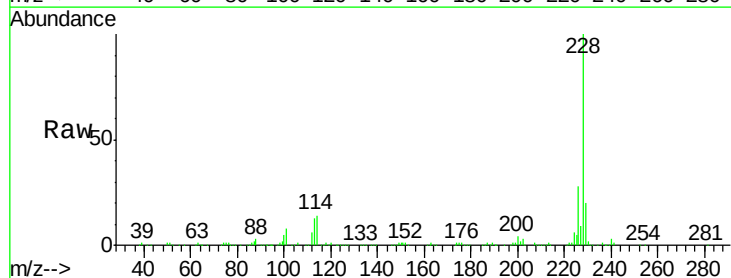
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

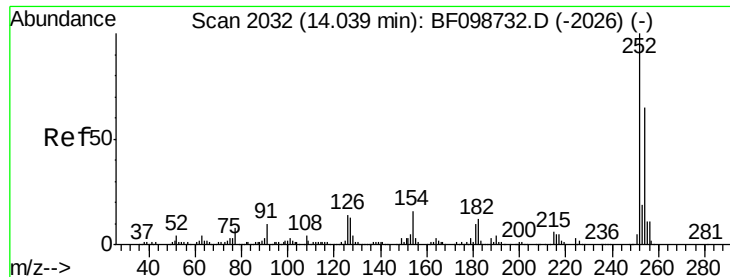
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	56.8	85.2
206	17.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.20 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.2	15.8	23.6

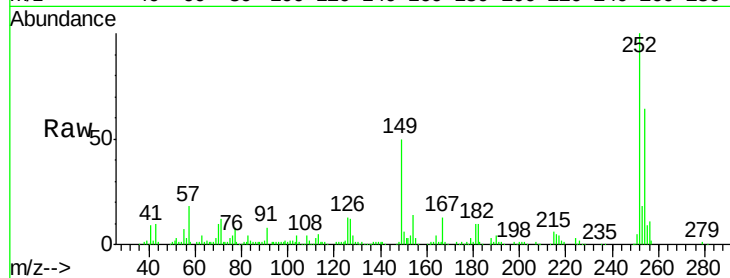




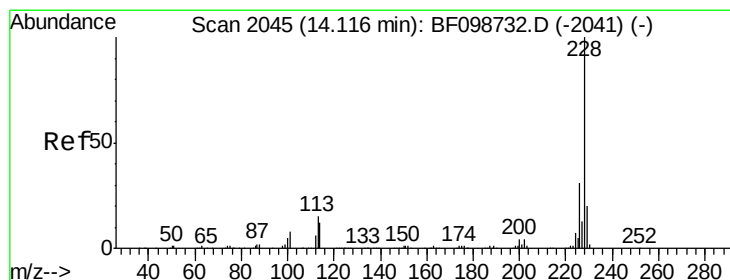
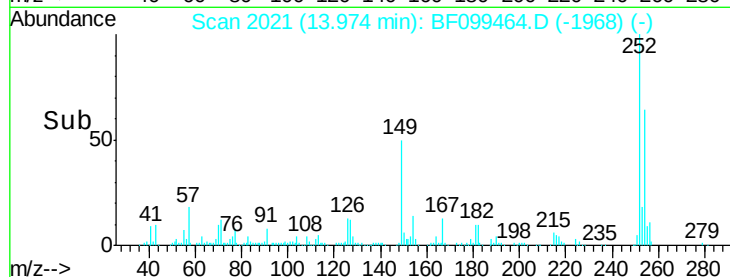
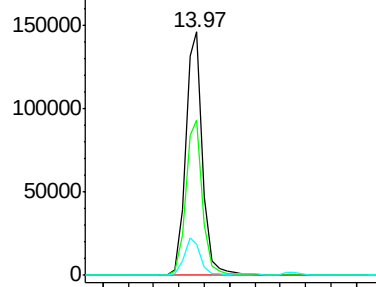
#81
 3,3'-Dichlorobenzidine
 Concen: 42.68 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 137013
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 12.7 11.3 16.9

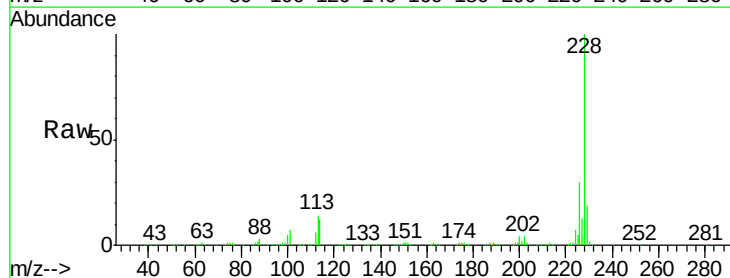


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

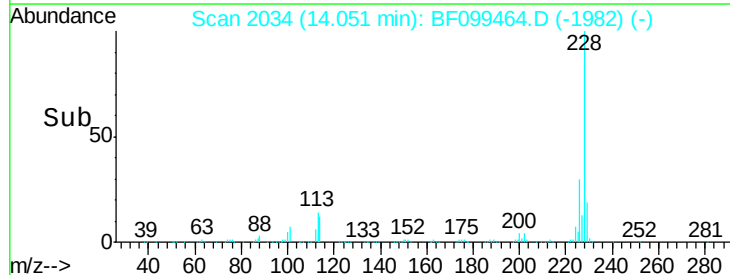
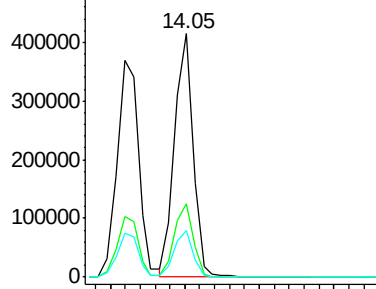


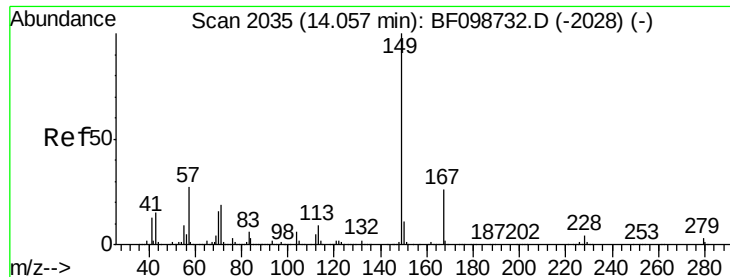
#82
 Chrysene
 Concen: 42.60 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Tgt Ion: 228 Resp: 355156
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.3 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.76 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

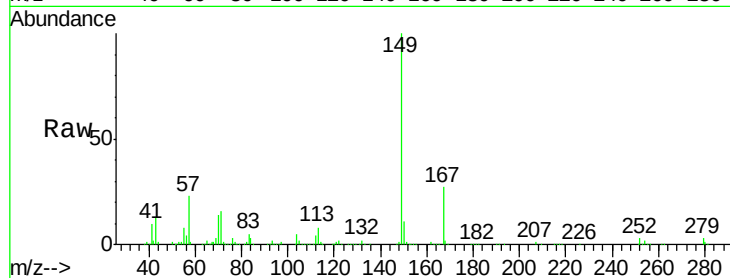
Tgt Ion:149 Resp: 255183

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

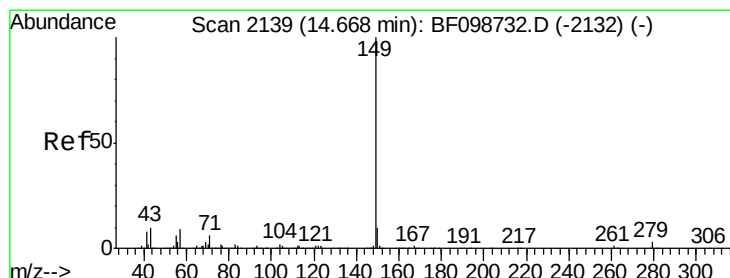
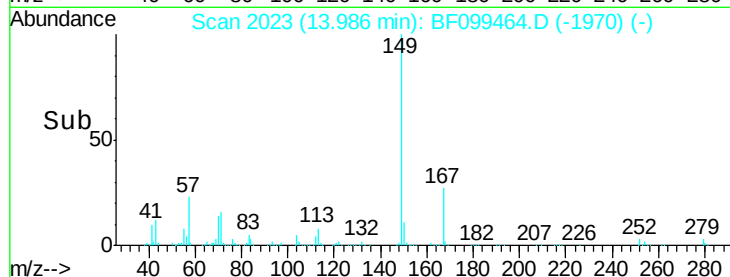
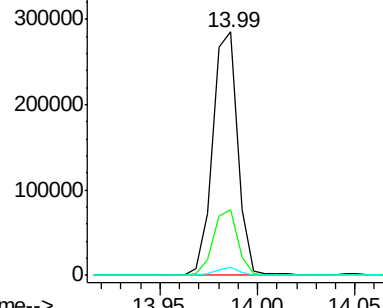
279 3.3 3.0 4.4



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: 43.36 ng

RT: 14.60 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

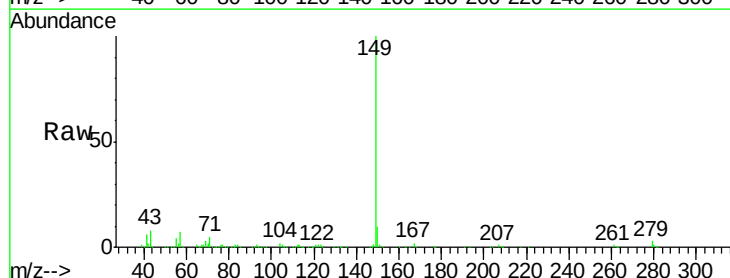
Tgt Ion:149 Resp: 498179

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

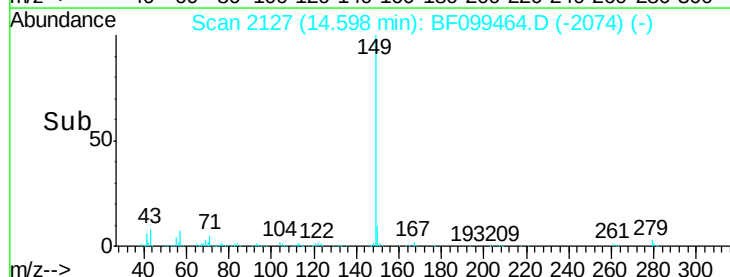
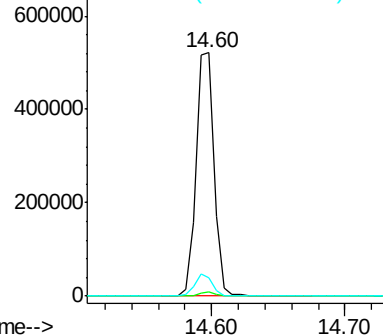
43 8.6 8.4 12.6

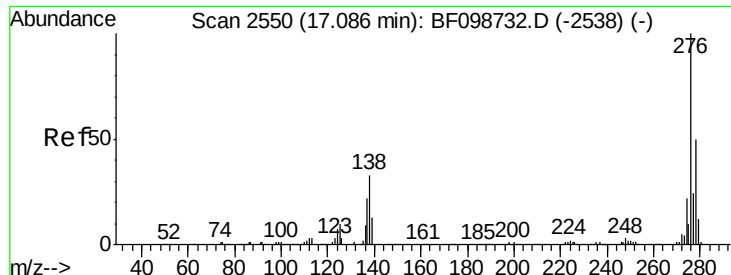


Abundance Ion 149.00 (148.70 to 149.70): E

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: 63.41 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.03 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

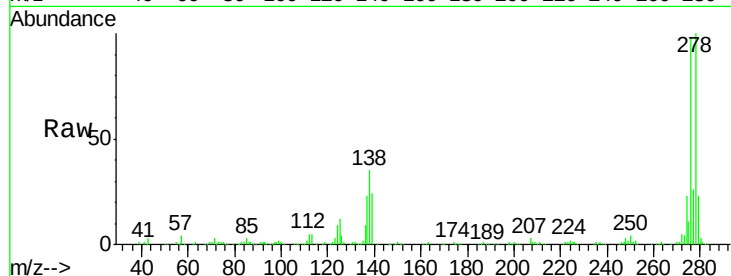
Tgt Ion:276 Resp: 422861

Ion Ratio Lower Upper

276 100

138 35.2 25.0 37.6

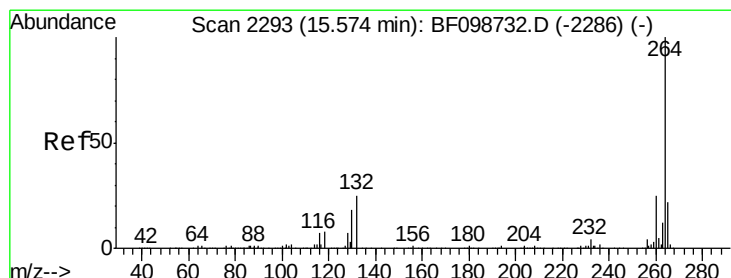
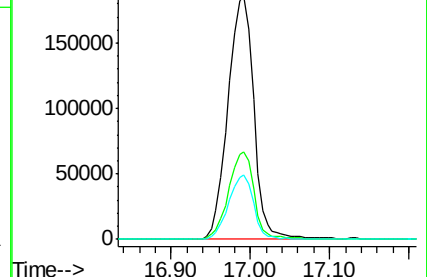
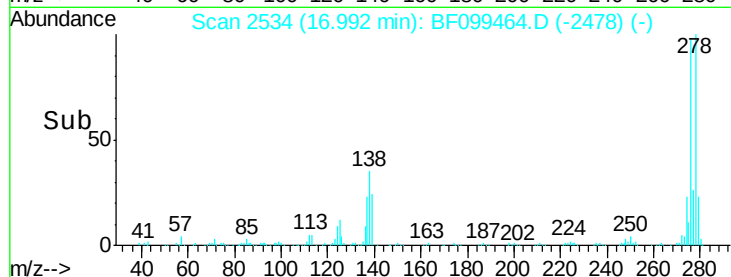
277 25.6 20.1 30.1



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: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

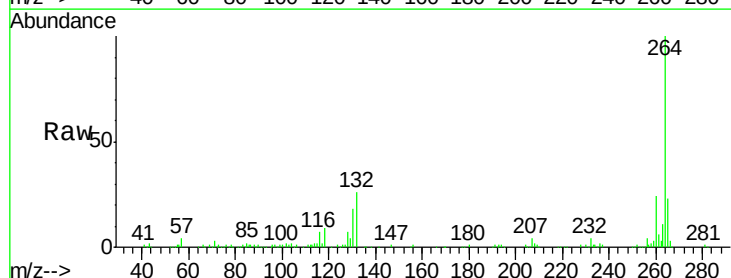
Tgt Ion:264 Resp: 167912

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

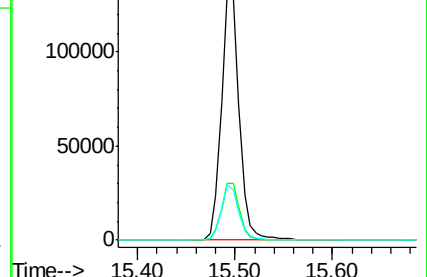
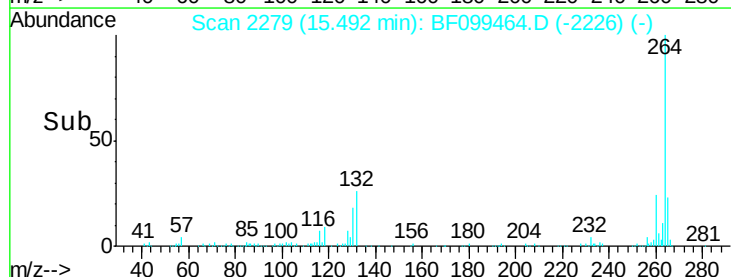
265 22.6 17.5 26.3

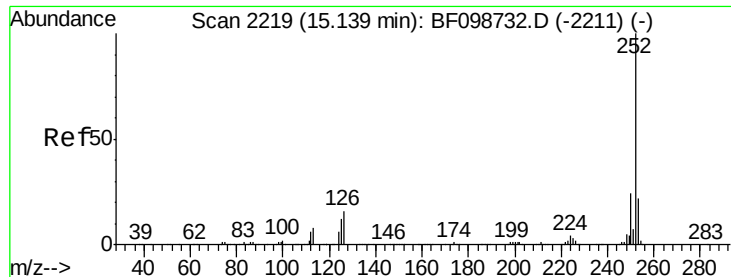


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

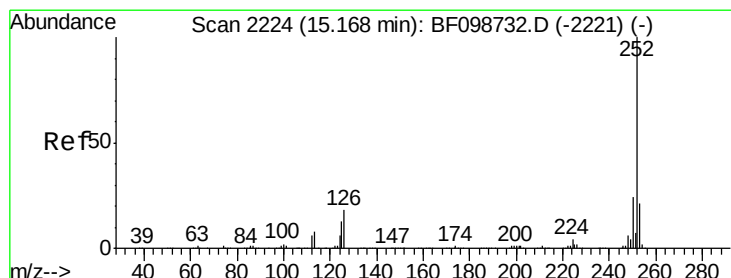
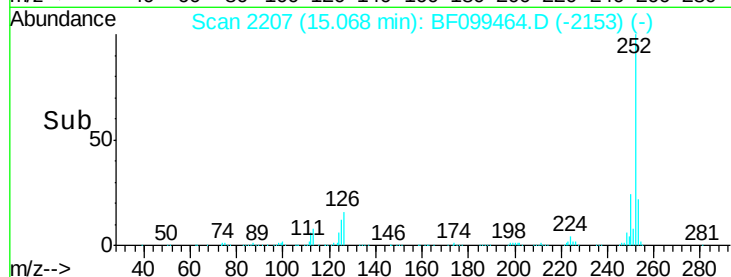
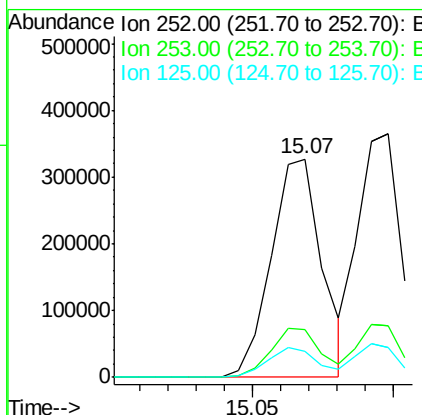
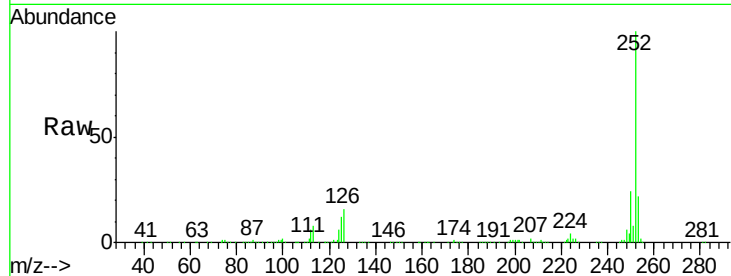




#87
Benzo(b)fluoranthene
Concen: 39.55 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

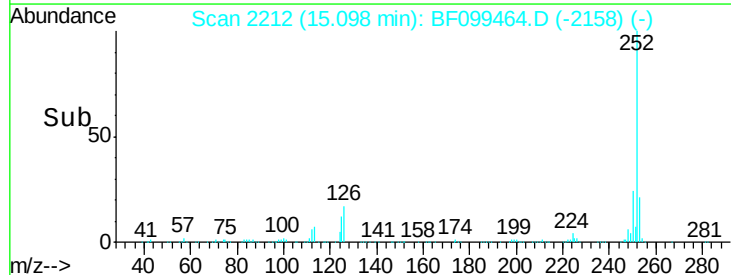
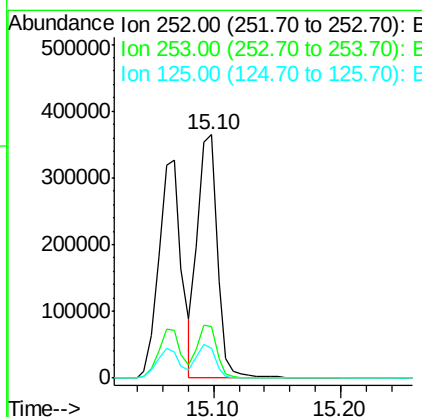
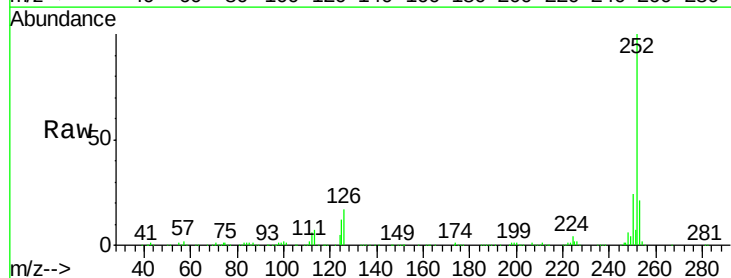
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

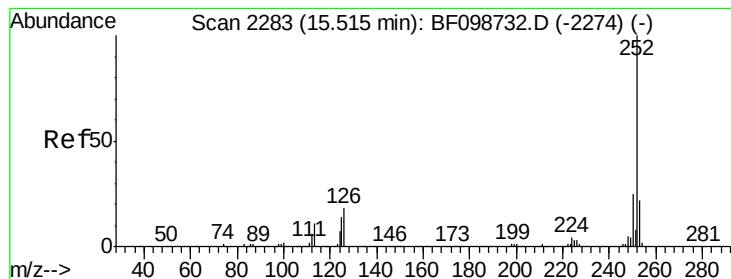
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 38.65 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF099464.D
Acq: 14 Oct 2017 3:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	12.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 42.20 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

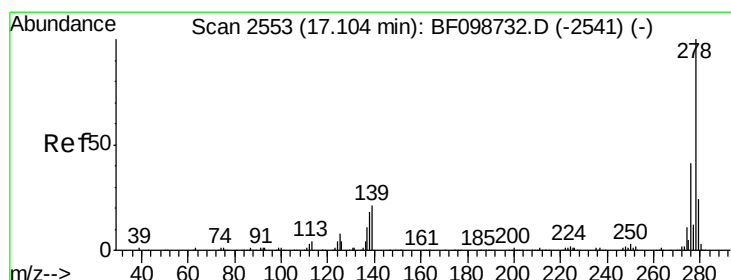
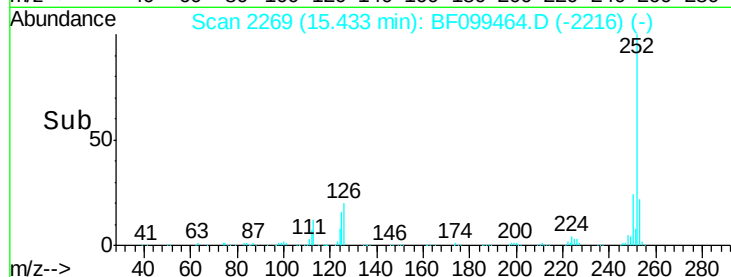
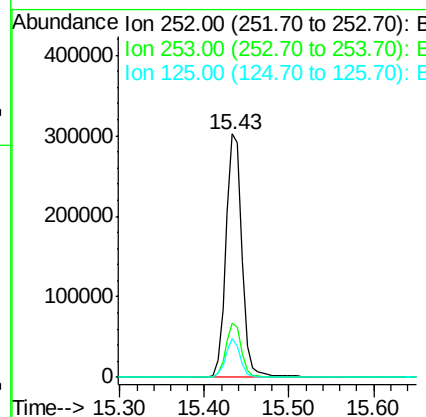
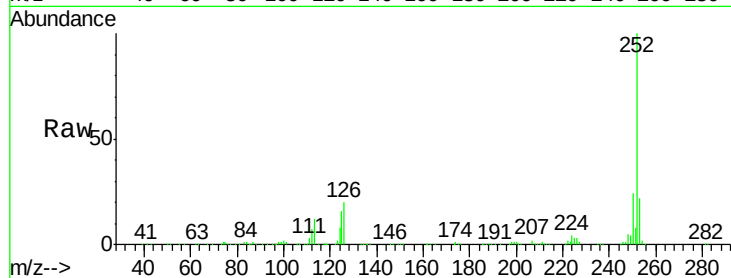
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	399881
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	15.8	9.8	14.6#



#90

Dibenzo(a,h)anthracene

Concen: 46.14 ng

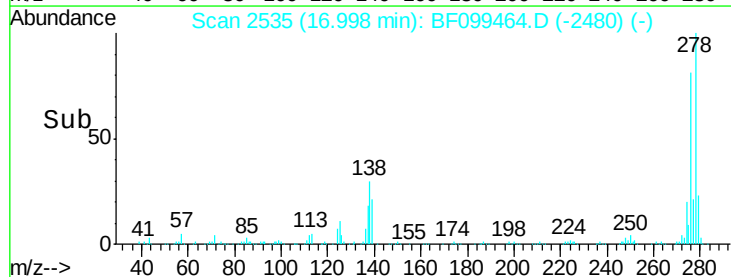
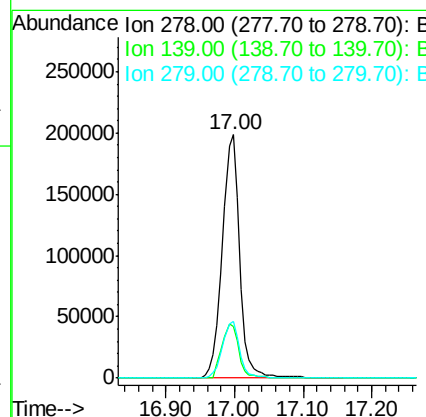
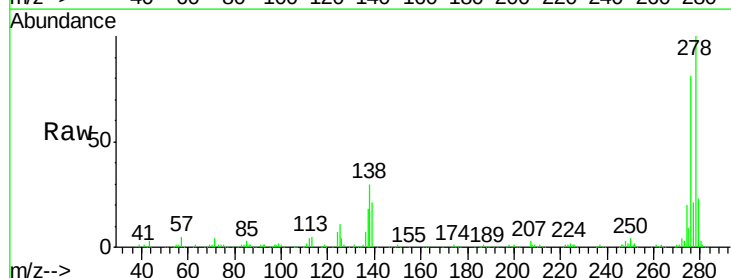
RT: 17.00 min Scan# 2535

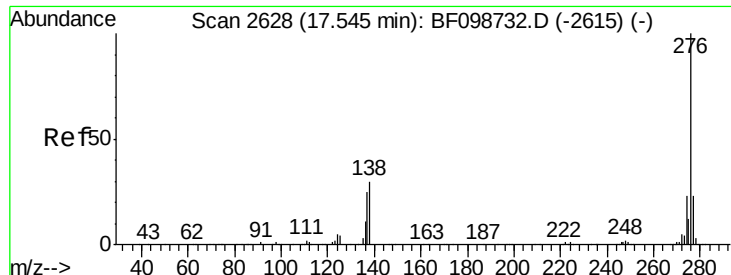
Delta R.T. 0.02 min

Lab File: BF099464.D

Acq: 14 Oct 2017 3:13

Tgt Ion:	278	Resp:	349937
Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 45.21 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.03 min
 Lab File: BF099464.D
 Acq: 14 Oct 2017 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	17.9	26.9
138	29.3	21.8	32.8

