

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082752.D
 Acq On : 6 Nov 2015 10:20
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 06 17:15:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 14:39:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	206686	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	854210	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	422407	20.00	ng	0.01
63) Phenanthrene-d10	11.38	188	804876	20.00	ng	0.00
75) Chrysene-d12	14.03	240	701452	20.00	ng	0.01
86) Perylene-d12	15.48	264	617227	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	925551	69.68	ng	0.00
7) Phenol-d6	6.49	99	1345191	76.17	ng	0.01
23) Nitrobenzene-d5	7.42	82	1410475	71.85	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	373230	77.06	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2322847	78.81	ng	0.00
78) Terphenyl-d14	12.97	244	2089457	70.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	216196	37.72	ng	96
3) Pyridine	3.16	79	632172	38.01	ng	96
4) n-Nitrosodimethylamine	3.12	42	323467	39.21	ng	89
6) Aniline	6.52	93	972412	39.22	ng	95
8) 2-Chlorophenol	6.64	128	537974	36.53	ng	# 77
9) Benzaldehyde	6.40	77	381117	39.06	ng	93
10) Phenol	6.50	94	717312	35.80	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	521003	34.77	ng	92
12) 1,3-Dichlorobenzene	7.02	146	552506	33.27	ng	99
13) 1,4-Dichlorobenzene	6.88	146	680485	39.38	ng	93
14) 1,2-Dichlorobenzene	7.02	146	552768	35.18	ng	93
15) Benzyl Alcohol	7.00	79	627905	40.49	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	839078	38.17	ng	97
17) 2-Methylphenol	7.12	107	480056	38.49	ng	99
18) Hexachloroethane	7.37	117	239290	38.72	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	513076	39.52	ng	# 79
20) 3+4-Methylphenols	7.28	107	660890	40.76	ng	96
22) Acetophenone	7.28	105	912419	37.28	ng	96
24) Nitrobenzene	7.44	77	705262	35.13	ng	# 86
25) Isophorone	7.69	82	1337509	36.82	ng	99
26) 2-Nitrophenol	7.76	139	293664	35.04	ng	# 82
27) 2,4-Dimethylphenol	7.80	122	552316	36.68	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	690326	33.69	ng	98
29) 2,4-Dichlorophenol	8.00	162	488191	35.88	ng	87
30) 1,2,4-Trichlorobenzene	8.09	180	572727	37.42	ng	98
31) Naphthalene	8.17	128	1707551	36.23	ng	100
32) Benzoic acid	7.94	122	406648	39.45	ng	94
33) 4-Chloroaniline	8.21	127	734896	36.18	ng	92
34) Hexachlorobutadiene	8.29	225	373702	39.02	ng	98
35) Caprolactam	8.60	113	160223	37.35	ng	# 56
36) 4-Chloro-3-methylphenol	8.69	107	562960	35.18	ng	96
37) 2-Methylnaphthalene	8.85	142	1046021	34.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	524659	37.80	ng	98
40) Hexachlorocyclopentadiene	9.01	237	303330	40.67	ng	99

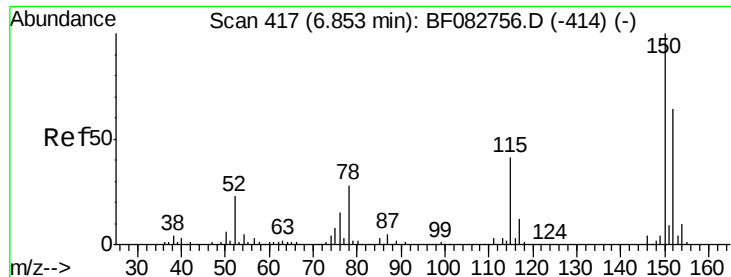
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082752.D
 Acq On : 6 Nov 2015 10:20
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	413272	39.89	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	386445	38.77	nq	93
45) 1,1'-Biphenyl	9.32	154	1285038	35.45	nq	97
46) 2-Chloronaphthalene	9.34	162	1017907	36.00	nq	95
47) 2-Nitroaniline	9.44	65	400008	38.14	nq	# 88
48) Acenaphthylene	9.76	152	1676732	37.84	nq	99
49) Dimethylphthalate	9.63	163	1391656	40.21	nq	98
50) 2,6-Dinitrotoluene	9.69	165	311349	42.16	nq	# 68
51) Acenaphthene	9.94	154	1121123	39.92	nq	98
52) 3-Nitroaniline	9.85	138	278661	34.31	nq	91
53) 2,4-Dinitrophenol	9.95	184	151846	37.45	nq	# 30
54) Dibenzofuran	10.10	168	1429925	37.77	nq	97
55) 4-Nitrophenol	10.01	139	222911	35.78	nq	# 85
56) 2,4-Dinitrotoluene	10.09	165	418011	41.72	nq	# 85
57) Fluorene	10.44	166	1108954	36.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	351737	42.05	nq	88
59) Diethylphthalate	10.33	149	1386321	41.03	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	627441	40.90	nq	96
61) 4-Nitroaniline	10.46	138	300374	36.78	nq	86
62) Azobenzene	10.60	77	1529490	42.14	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	249644	43.54	nq	85
65) n-Nitrosodiphenylamine	10.56	169	968958	33.32	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	387562	39.99	nq	97
67) Hexachlorobenzene	11.00	284	438484	40.52	nq	# 59
68) Atrazine	11.09	200	355225	39.51	nq	90
69) Pentachlorophenol	11.18	266	257079	39.12	nq	98
70) Phenanthrene	11.40	178	1663304	35.59	nq	99
71) Anthracene	11.46	178	1859321	37.76	nq	100
72) Carbazole	11.61	167	1429212	33.16	nq	99
73) Di-n-butylphthalate	11.95	149	2074321	38.63	nq	99
74) Fluoranthene	12.59	202	1718591	34.26	nq	99
76) Benzidine	12.71	184	928319	39.49	nq	100
77) Pyrene	12.82	202	1746936	36.26	nq	99
79) Butylbenzylphthalate	13.45	149	961532	45.18	nq	# 81
80) Benzo(a)anthracene	14.01	228	1659716	37.84	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	565803	36.28	nq	99
82) Chrysene	14.05	228	1589531	39.56	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1298184	44.57	nq	# 98
84) Di-n-octyl phthalate	14.65	149	1959497	40.33	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	1303516	37.67	nq	100
87) Benzo(b)fluoranthene	15.07	252	1447203	36.53	nq	99
88) Benzo(k)fluoranthene	15.07	252	1447203	41.18	nq	# 98
89) Benzo(a)pyrene	15.43	252	1289014	37.55	nq	# 98
90) Dibenzo(a,h)anthracene	16.90	278	1091947	37.57	nq	99
91) Benzo(g,h,i)perylene	17.30	276	1015867	36.49	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

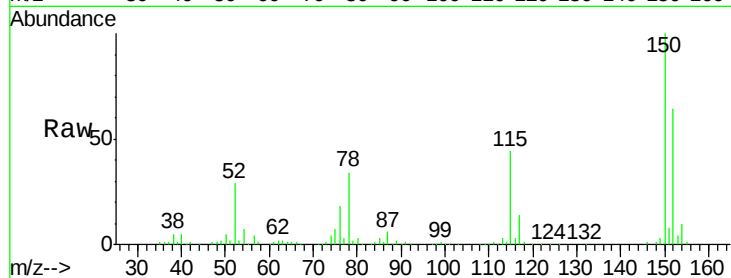
Tot Ion:152 Resp: 206686

Ion Ratio Lower Upper

152 100

150 156.9 127.0 190.4

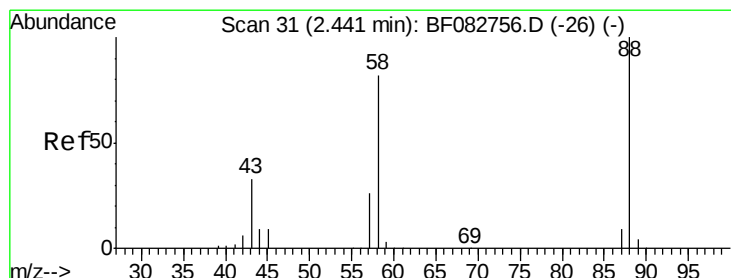
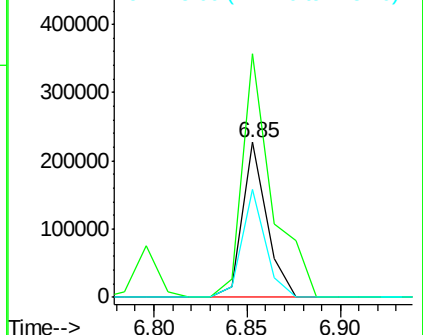
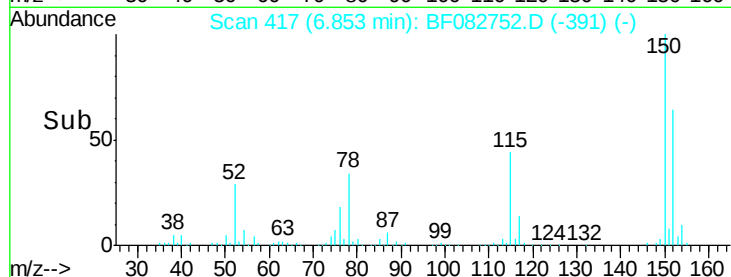
115 69.3 47.0 70.6



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: 37.72 ng

RT: 2.44 min Scan# 31

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

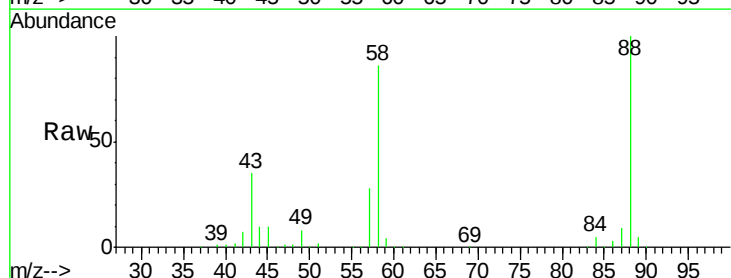
Tgt Ion: 88 Resp: 216196

Ion Ratio Lower Upper

88 100

58 82.2 62.0 93.0

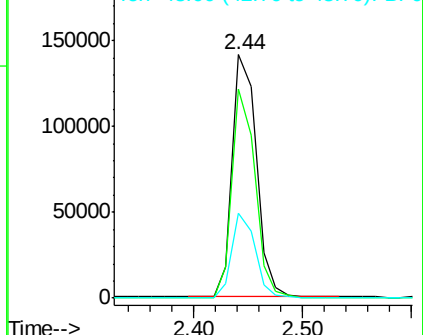
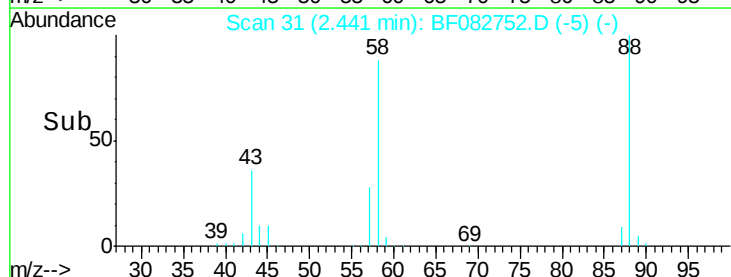
43 33.9 26.6 40.0

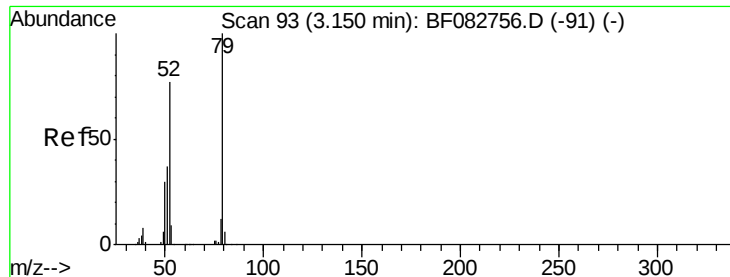


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.01 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

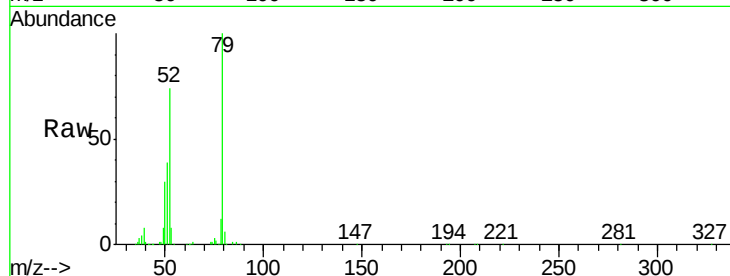
Tot Ion: 79 Resp: 632172

Ion Ratio Lower Upper

79 100

52 73.6 62.8 94.2

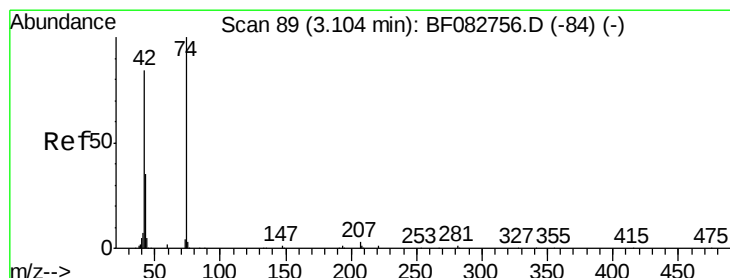
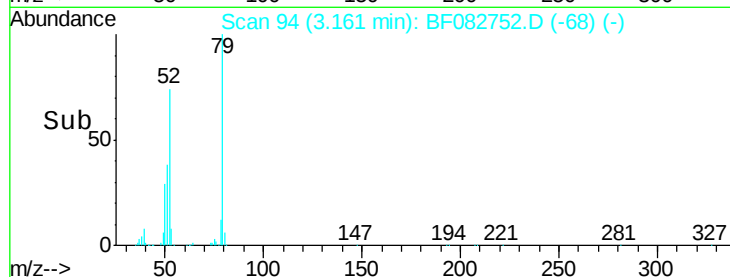
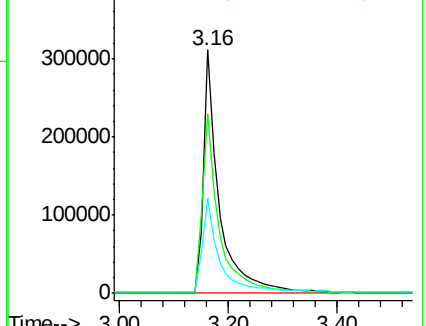
51 39.3 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.21 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

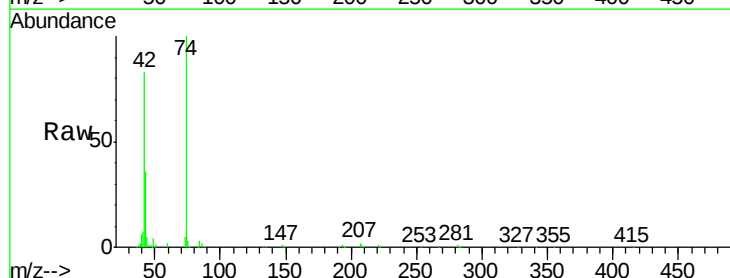
Tgt Ion: 42 Resp: 323467

Ion Ratio Lower Upper

42 100

74 121.1 87.0 130.4

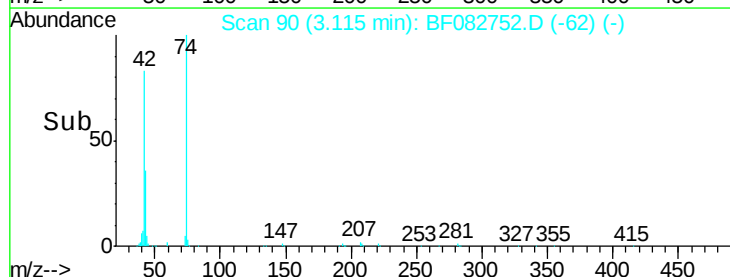
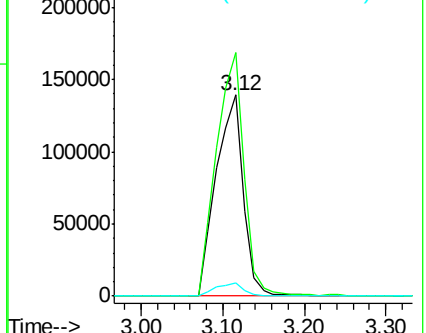
44 6.6 5.8 8.8

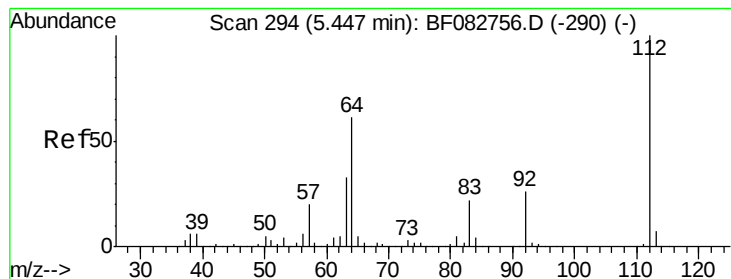


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

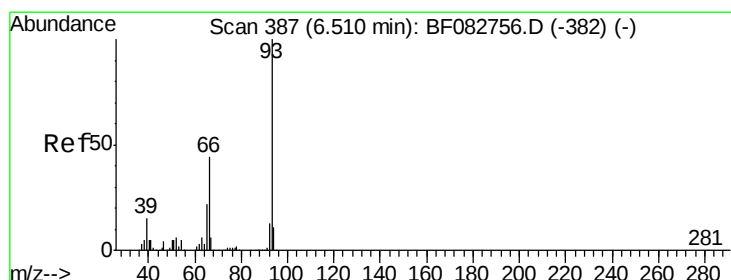
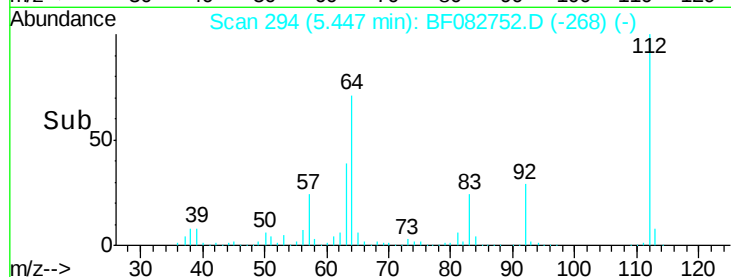
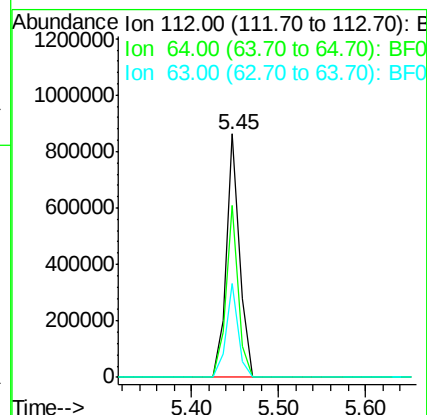
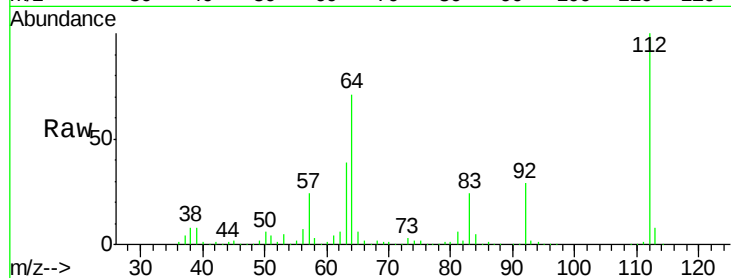




#5
 2-Fluorophenol
 Concen: 69.68 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

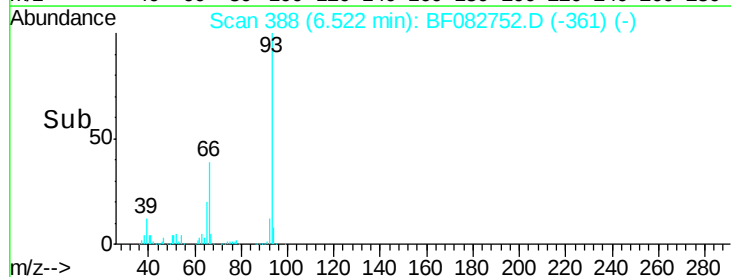
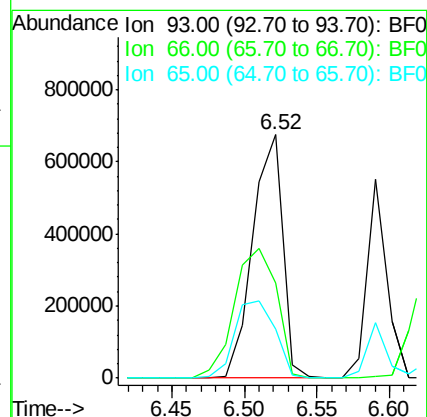
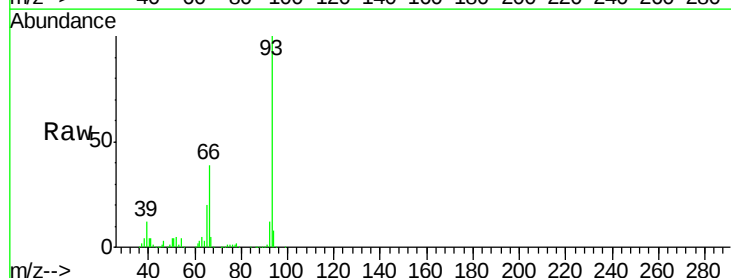
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

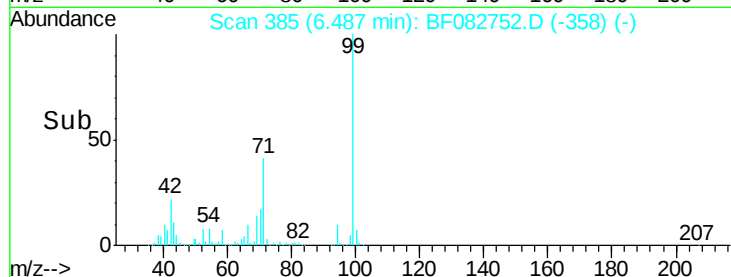
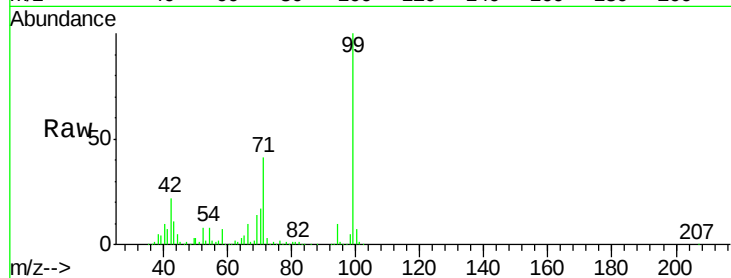
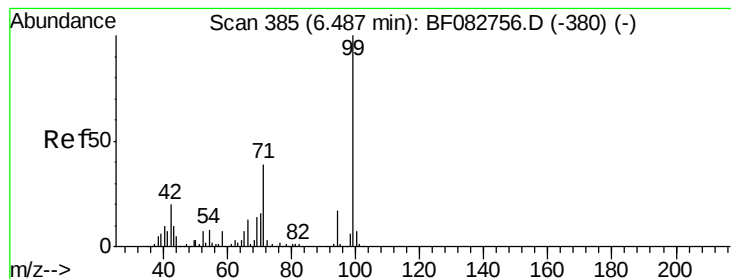
Tot Ion	Ratio	Lower	Upper
112	100		
64	70.8	48.9	73.3
63	38.8	28.1	42.1



#6
 Aniline
 Concen: 39.22 ng
 RT: 6.52 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.3	33.6	50.4
65	20.1	18.1	27.1





#7

Phenol-d6

Concen: 76.17 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

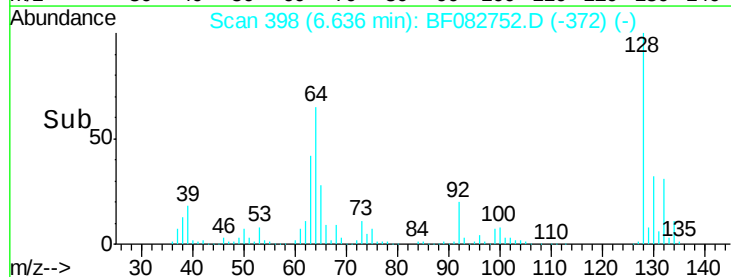
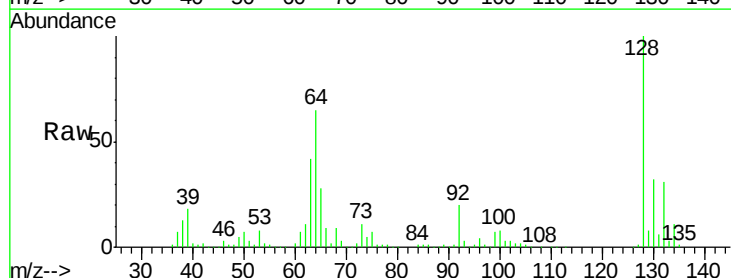
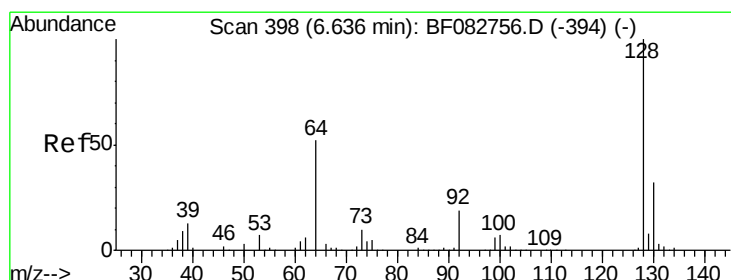
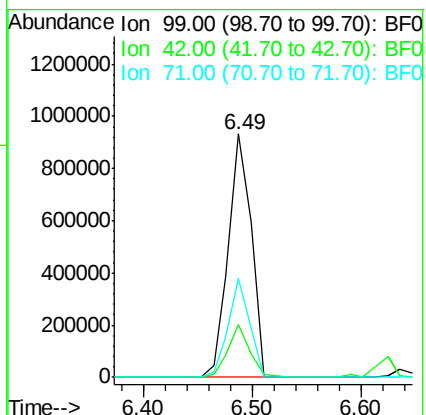
Tot Ion: 99 Resp: 1345191

Ion Ratio Lower Upper

99 100

42 21.8 19.2 28.8

71 40.8 35.0 52.4



#8

2-Chlorophenol

Concen: 36.53 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

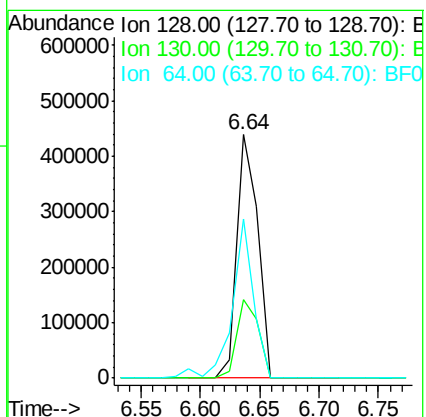
Tgt Ion: 128 Resp: 537974

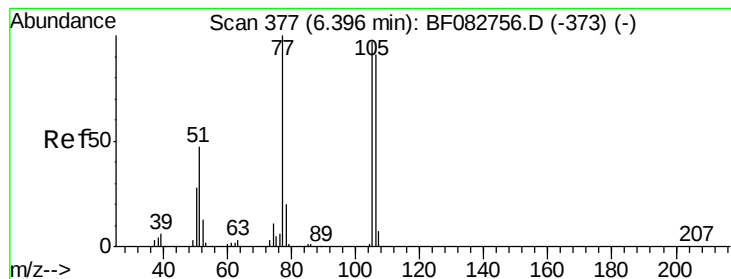
Ion Ratio Lower Upper

128 100

130 32.0 13.5 53.5

64 65.4 21.1 61.1#





#9

Benzaldehyde

Concen: 39.06 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

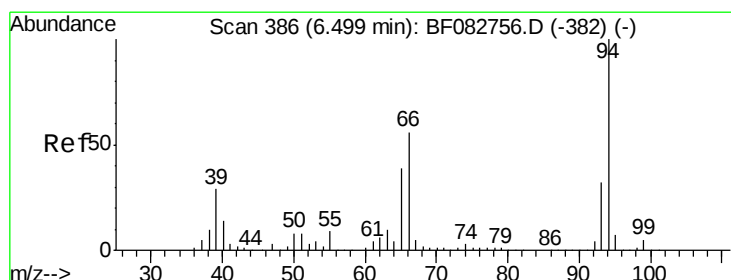
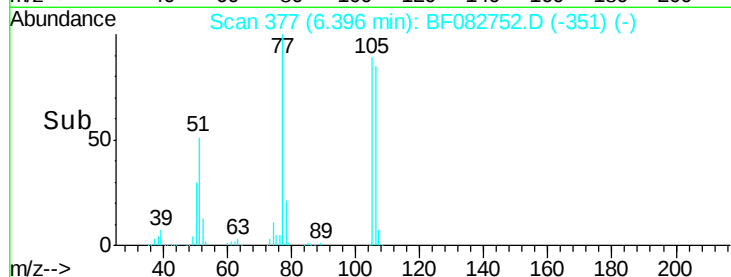
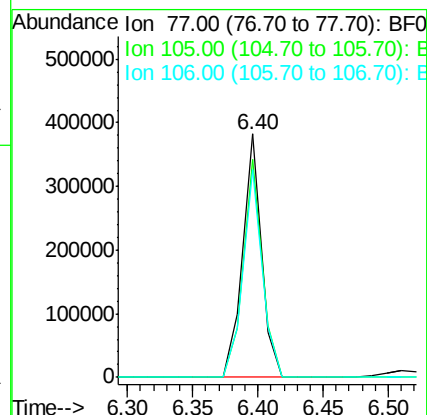
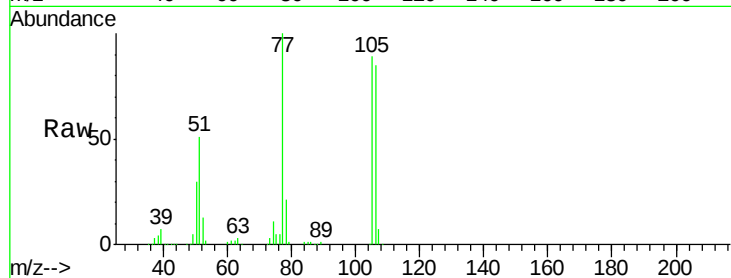
Tot Ion: 77 Resp: 381117

Ion Ratio Lower Upper

77 100

105 89.5 63.5 103.5

106 85.4 59.3 99.3



#10

Phenol

Concen: 35.80 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

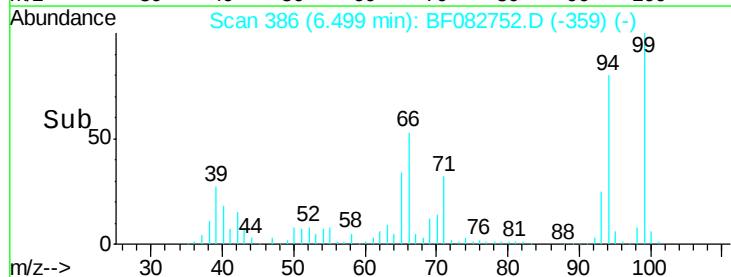
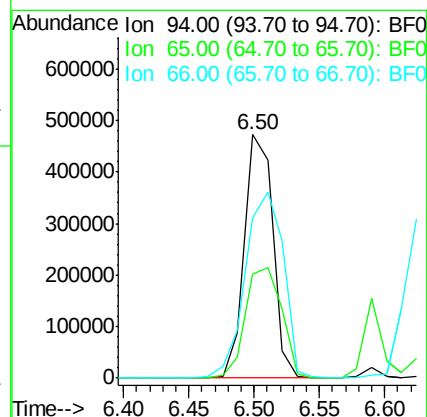
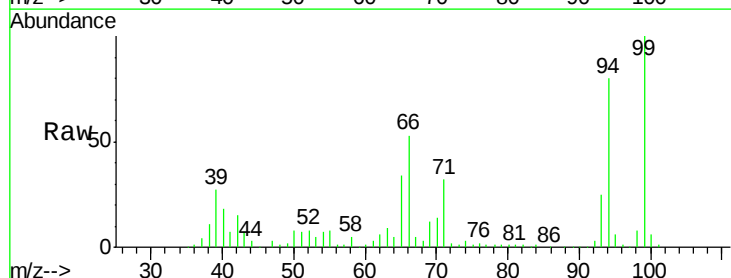
Tgt Ion: 94 Resp: 717312

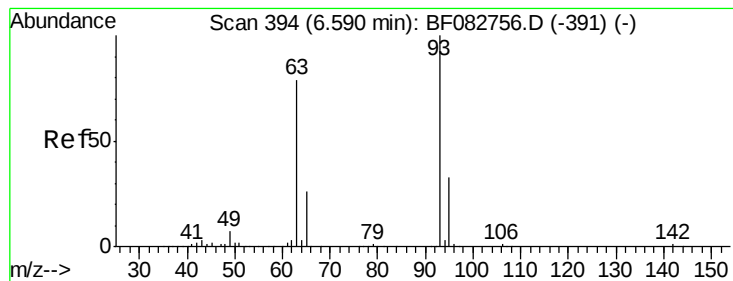
Ion Ratio Lower Upper

94 100

65 42.9 18.9 58.9

66 66.1 34.9 74.9

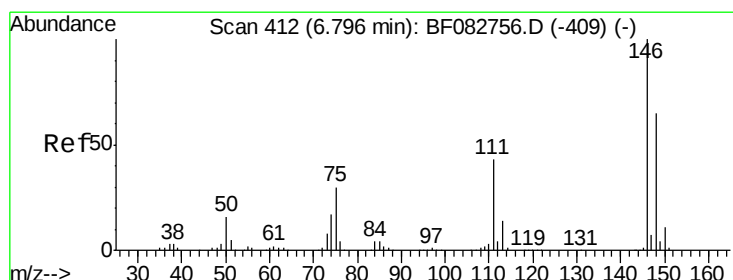
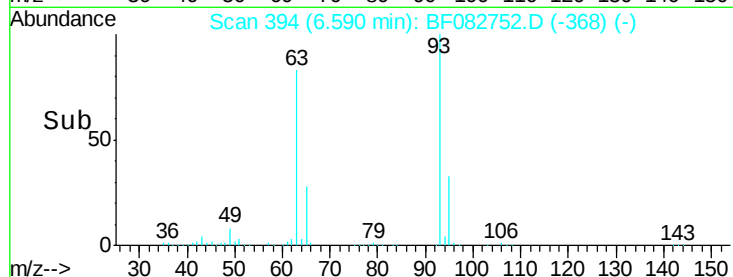
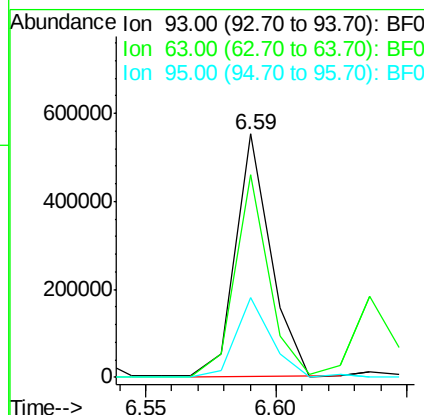
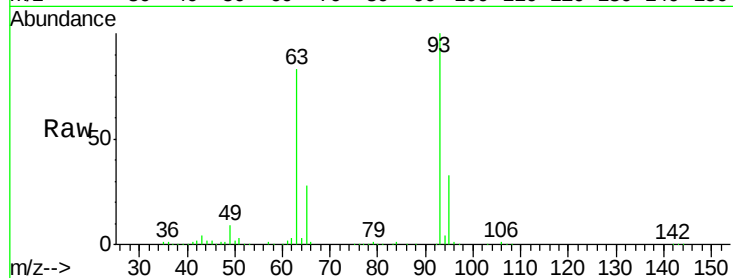




#11
bis(2-Chloroethyl)ether
Concen: 34.77 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

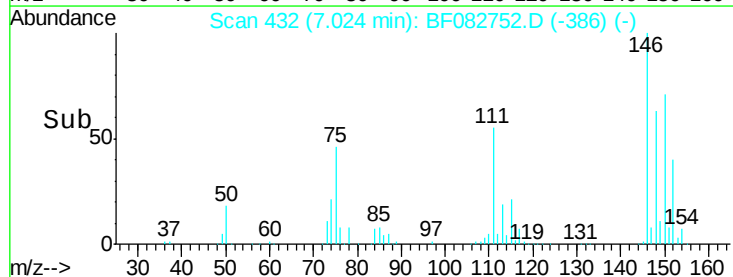
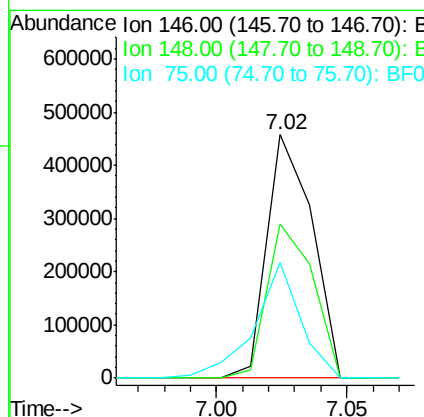
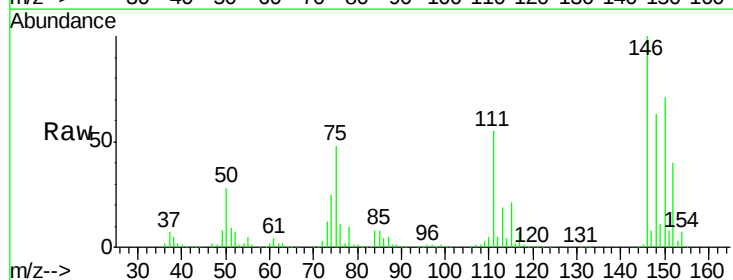
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

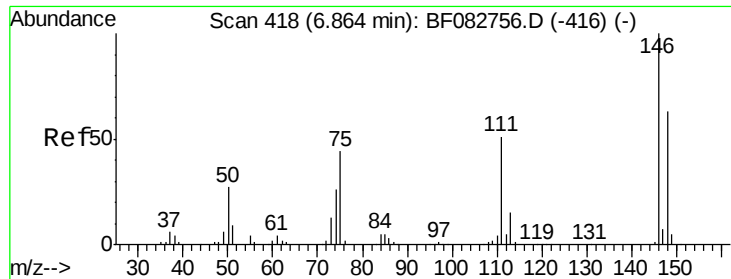
Tot Ion: 93 Resp: 521003
Ion Ratio Lower Upper
93 100
63 83.2 72.7 112.7
95 32.8 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 33.27 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.23 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion: 146 Resp: 552506
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 47.7 39.5 59.3

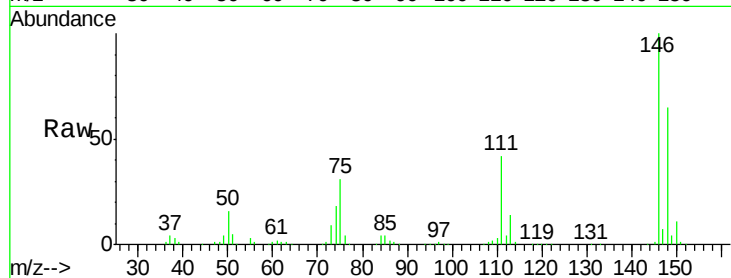




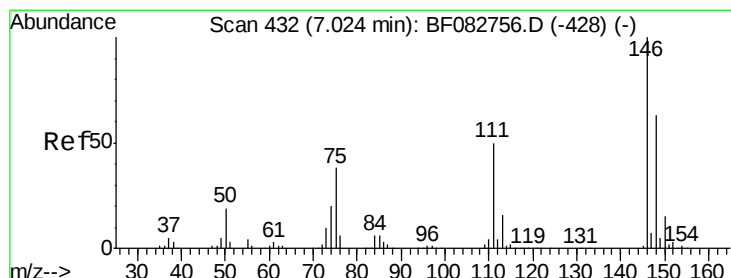
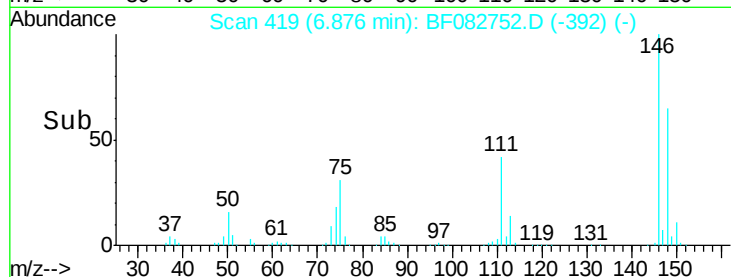
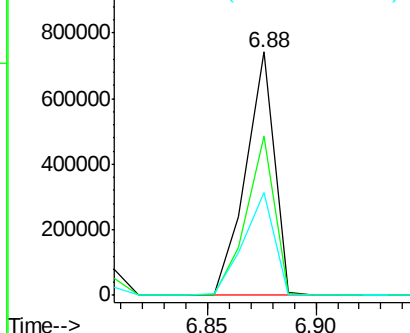
#13
 1,4-Dichlorobenzene
 Concen: 39.38 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 680485
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.8 76.2
 111 42.5 40.6 60.8

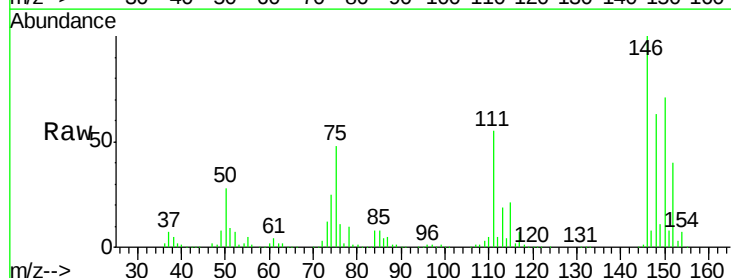


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

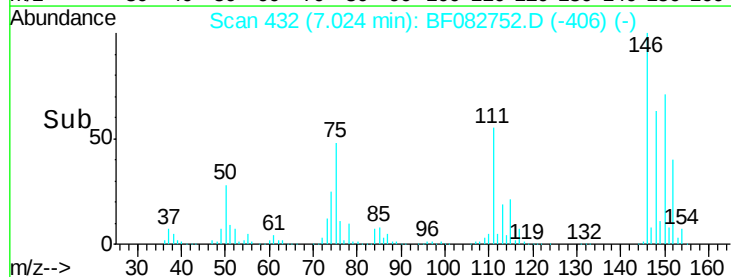
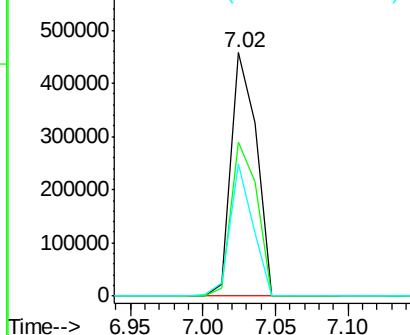


#14
 1,2-Dichlorobenzene
 Concen: 35.18 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:146 Resp: 552768
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 54.5 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 40.49 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

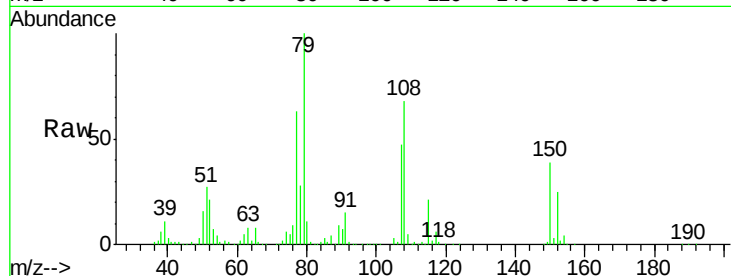
Tot Ion: 79 Resp: 627905

Ion Ratio Lower Upper

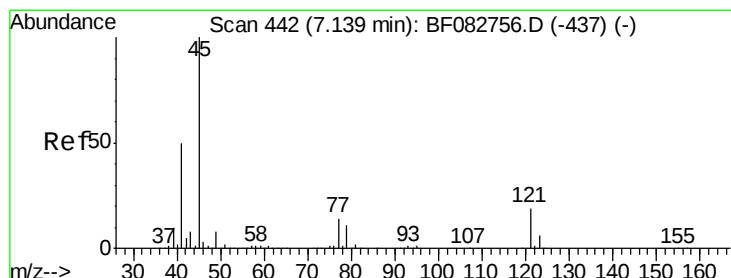
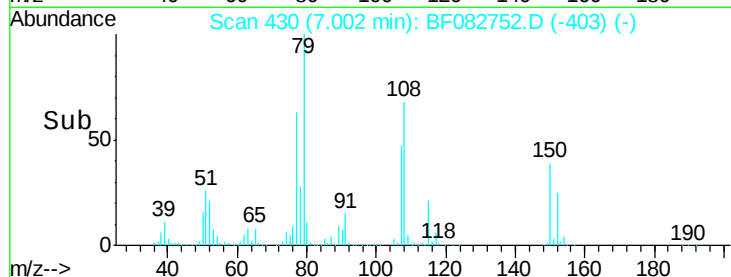
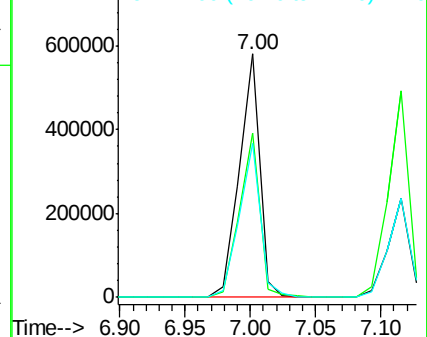
79 100

108 67.7 52.2 78.4

77 63.4 52.7 79.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.17 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

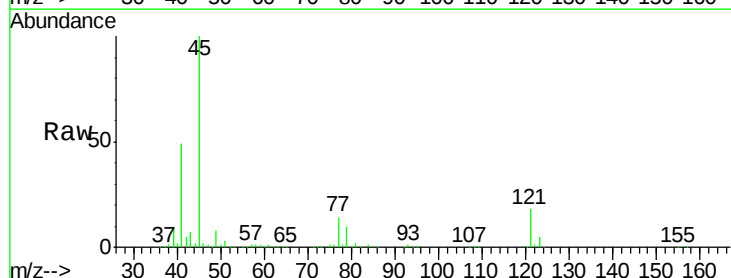
Tgt Ion: 45 Resp: 839078

Ion Ratio Lower Upper

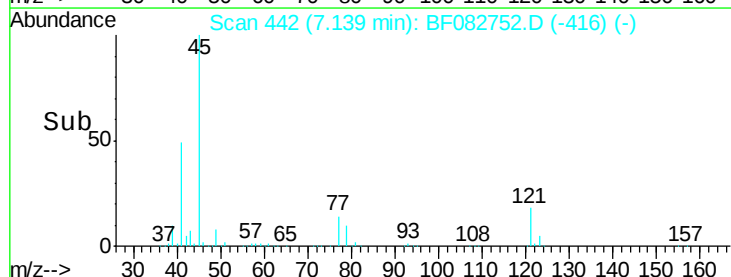
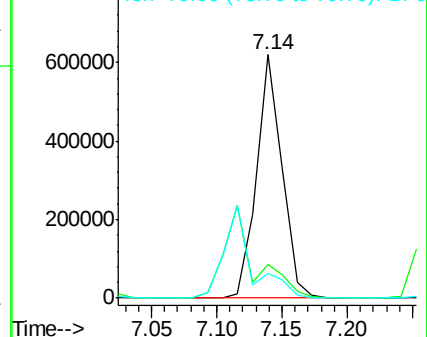
45 100

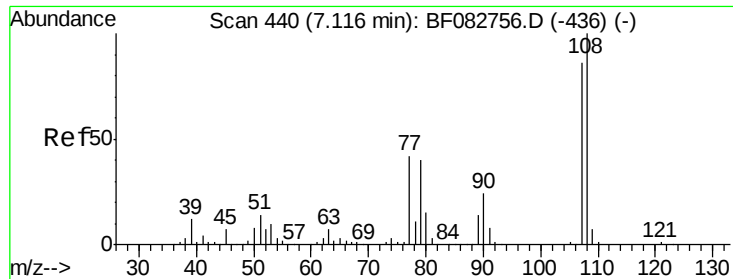
77 13.9 0.0 32.6

79 10.3 0.0 29.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

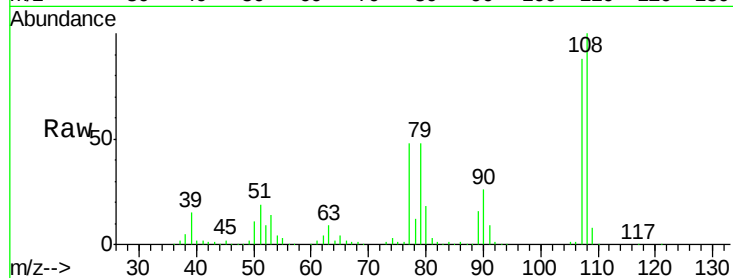




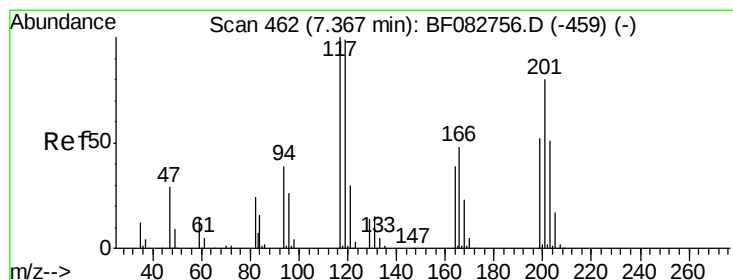
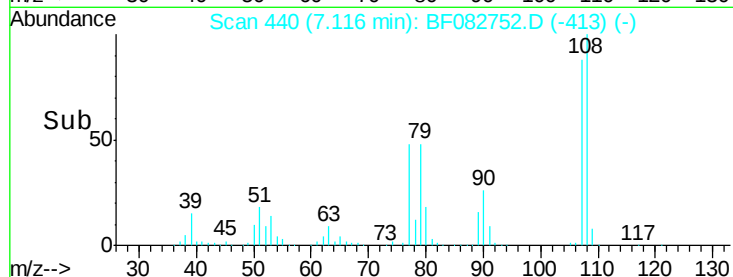
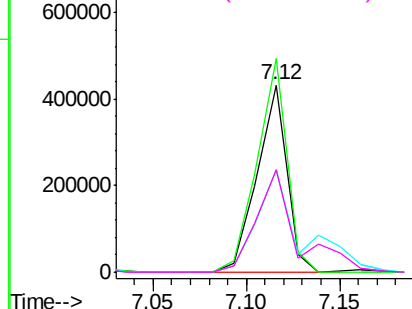
#17
2-Methylphenol
Concen: 38.49 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	480056
Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.0	139.4
77	54.7	44.1	66.1
79	54.5	43.6	65.4

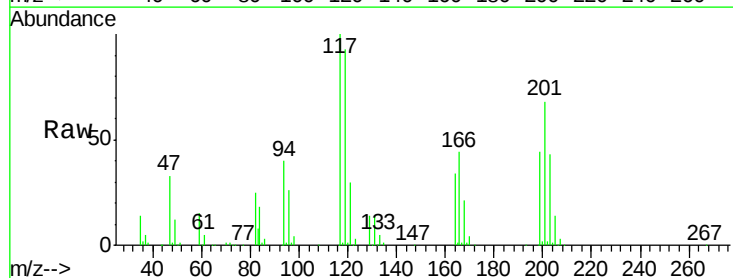


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

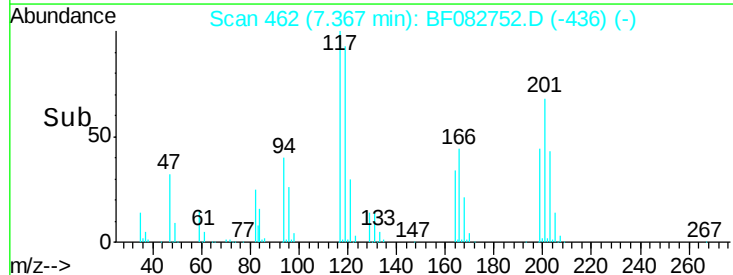
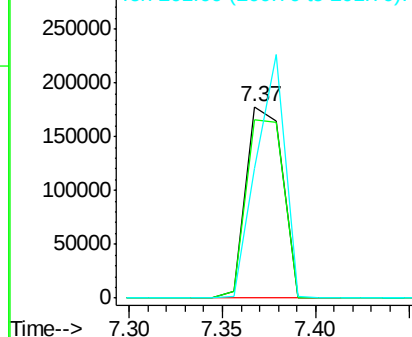


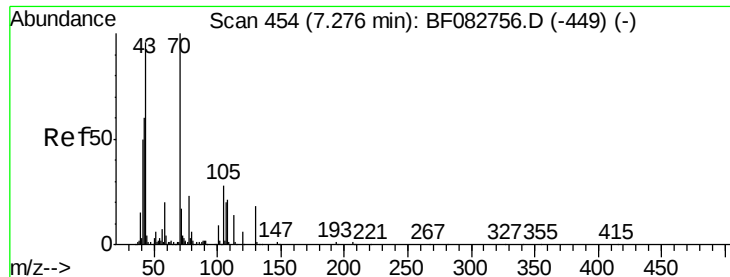
#18
Hexachloroethane
Concen: 38.72 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion:	117	Resp:	239290
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.7	116.5
201	67.8	66.7	100.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

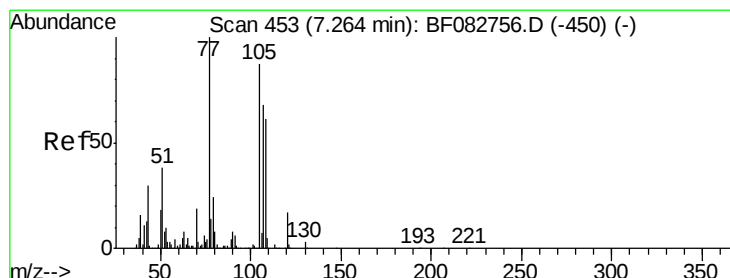
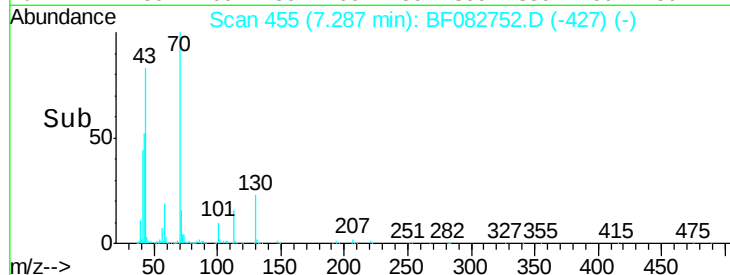
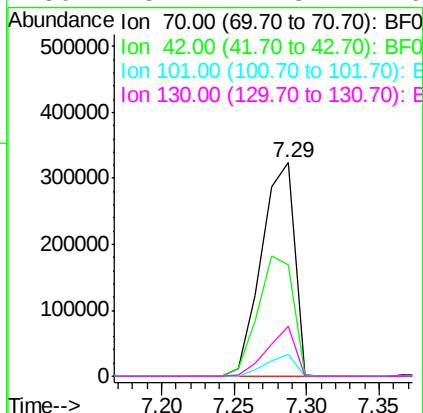
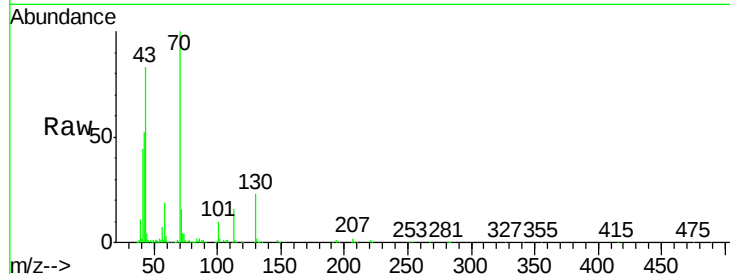




#19
n-Nitroso-di-n-propylamine
Concen: 39.52 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.02 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

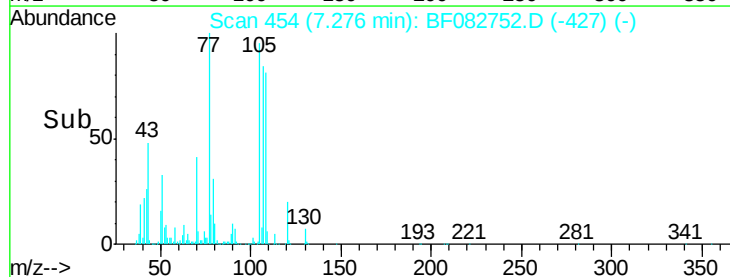
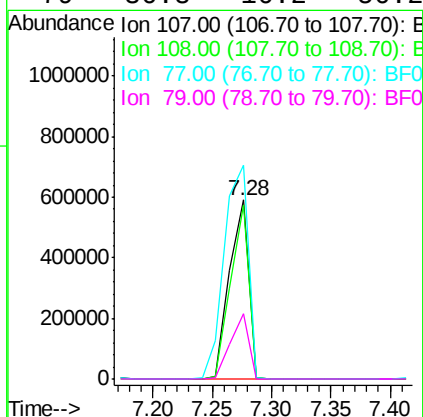
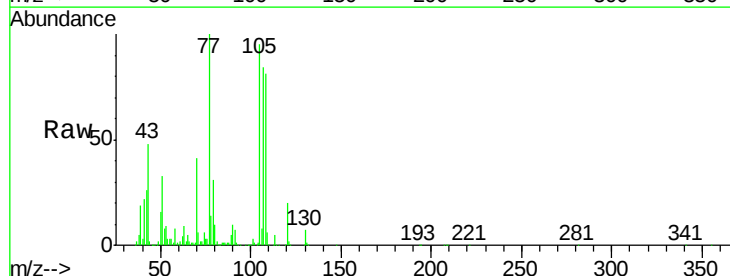
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

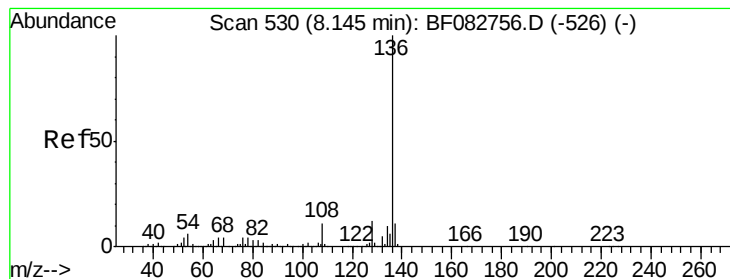
Tot Ion: 70 Resp: 513076
Ion Ratio Lower Upper
70 100
42 52.3 57.7 86.5#
101 10.2 7.0 10.6
130 23.1 11.8 17.6#



#20
3+4-Methylphenols
Concen: 40.76 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion: 107 Resp: 660890
Ion Ratio Lower Upper
107 100
108 97.3 67.3 107.3
77 119.4 100.3 140.3
79 36.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 854210

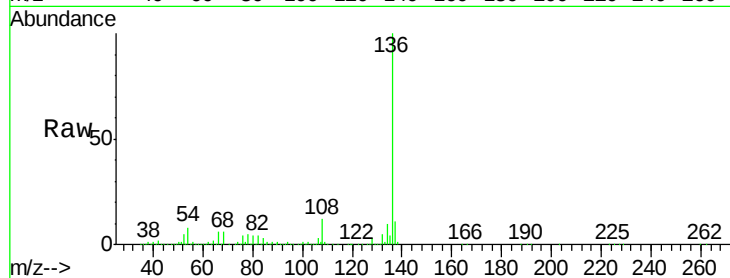
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.3 9.1 13.7#

68 5.6 4.8 7.2

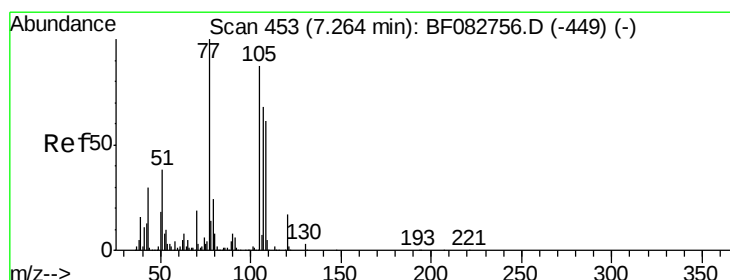
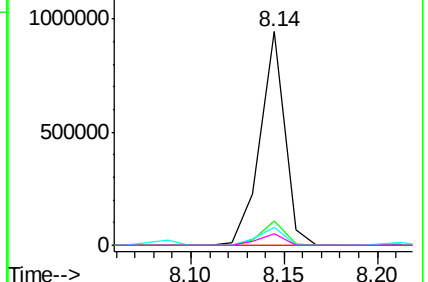
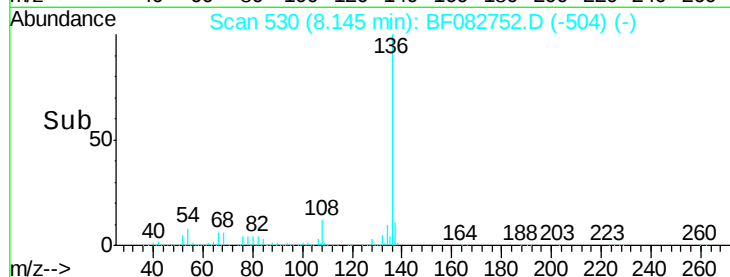


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.28 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Tgt Ion:105 Resp: 912419

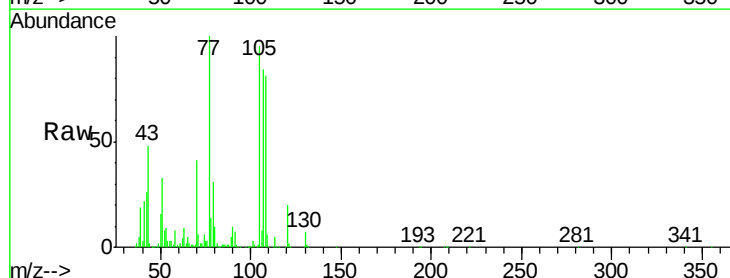
Ion Ratio Lower Upper

105 100

71 6.8 5.6 8.4

51 34.8 24.9 37.3

120 20.6 15.8 23.8

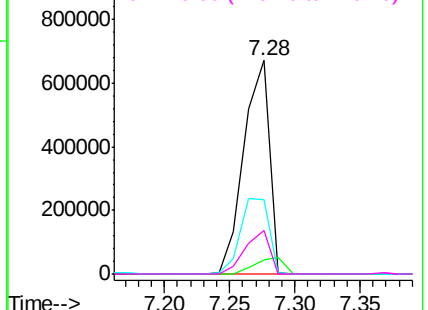
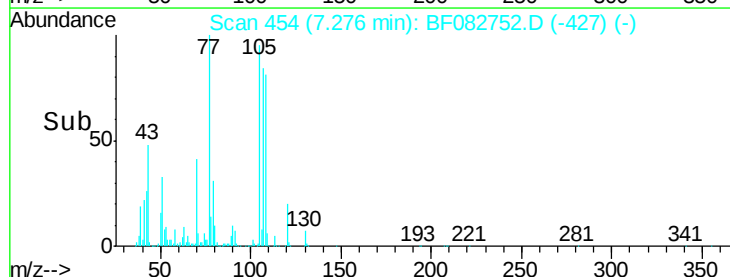


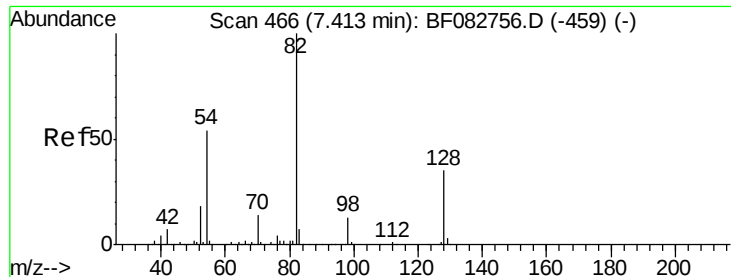
Abundance Ion 105.00 (104.70 to 105.70): E

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: 71.85 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

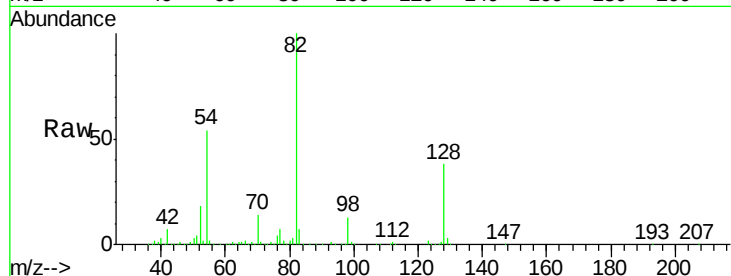
Tot Ion: 82 Resp: 1410475

Ion Ratio Lower Upper

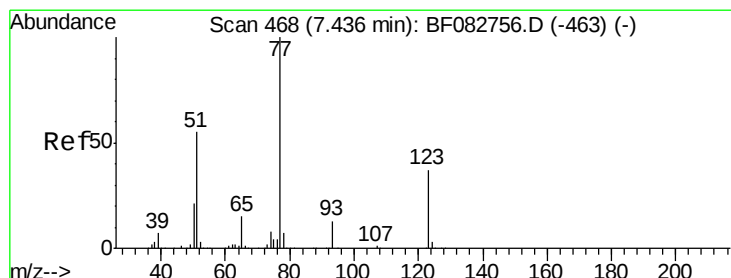
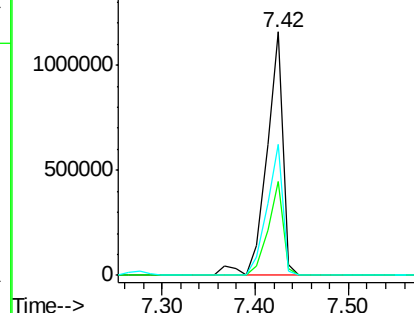
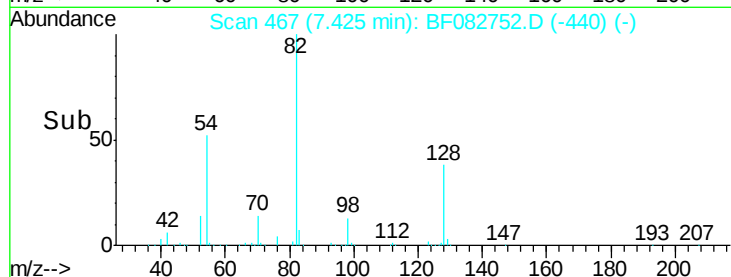
82 100

128 38.4 26.8 40.2

54 53.7 45.7 68.5



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



#24

Nitrobenzene

Concen: 35.13 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

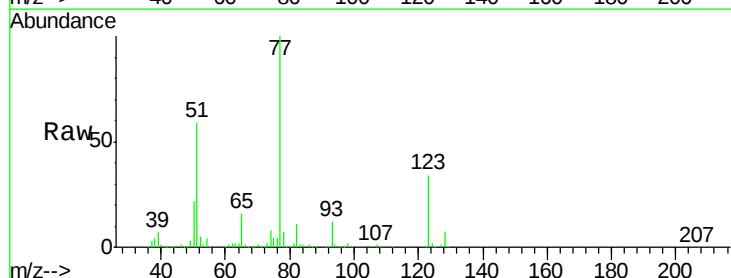
Tgt Ion: 77 Resp: 705262

Ion Ratio Lower Upper

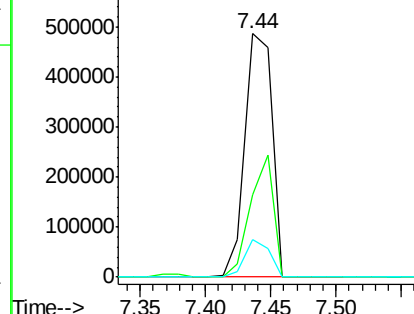
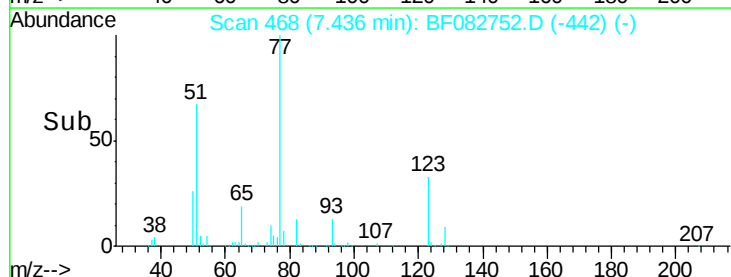
77 100

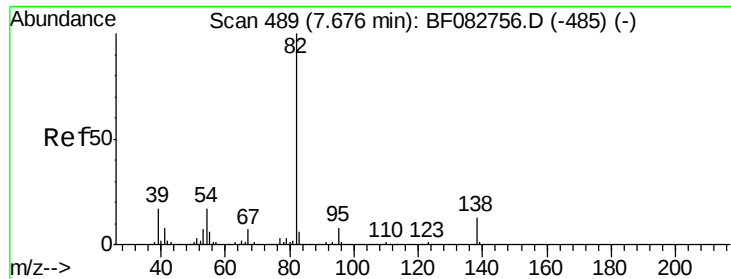
123 33.6 36.4 54.6#

65 15.5 11.5 17.3



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





#25

Isophorone

Concen: 36.82 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

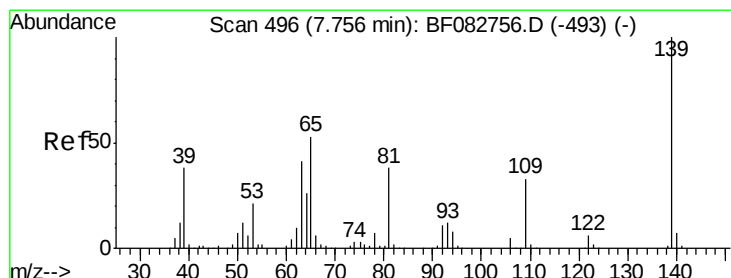
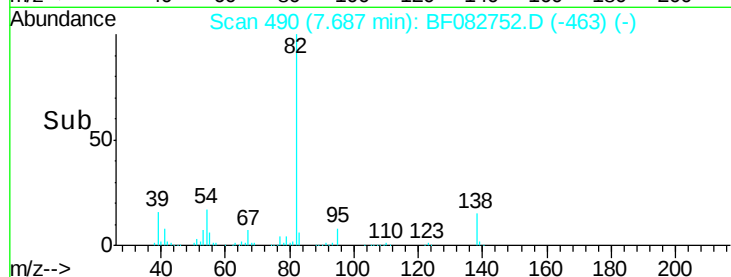
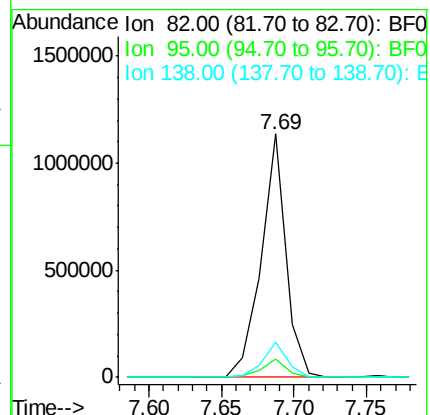
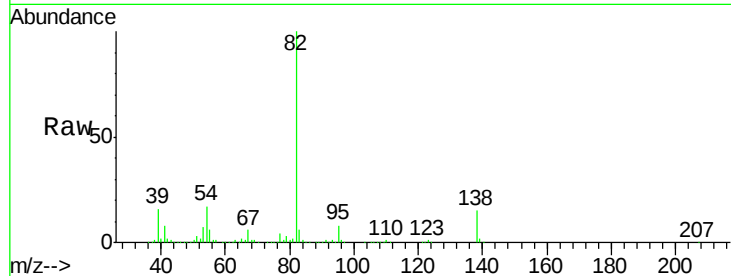
Tot Ion: 82 Resp: 1337509

Ion Ratio Lower Upper

82 100

95 7.7 6.6 9.8

138 14.6 11.4 17.0



#26

2-Nitrophenol

Concen: 35.04 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

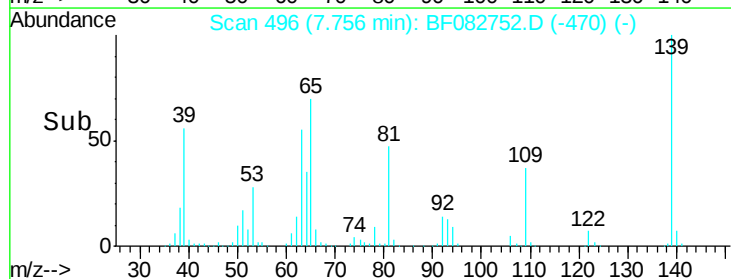
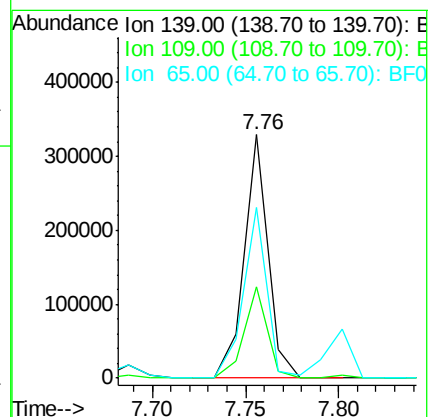
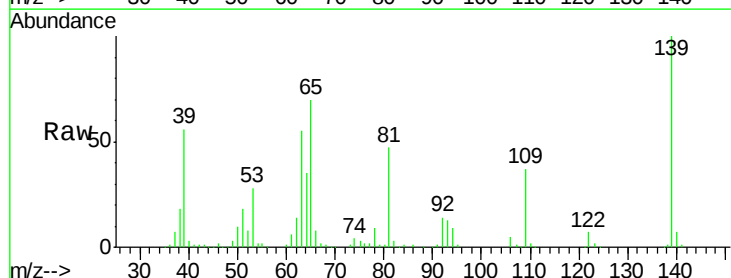
Tgt Ion: 139 Resp: 293664

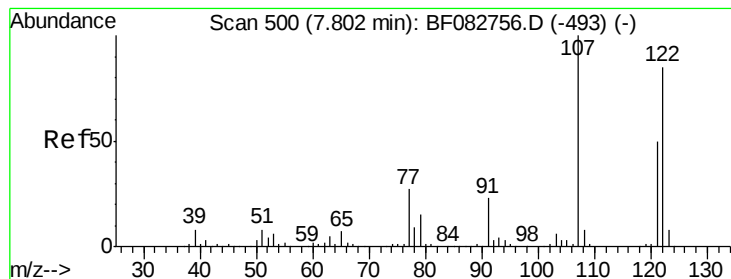
Ion Ratio Lower Upper

139 100

109 37.5 37.6 56.4#

65 70.2 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 36.68 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

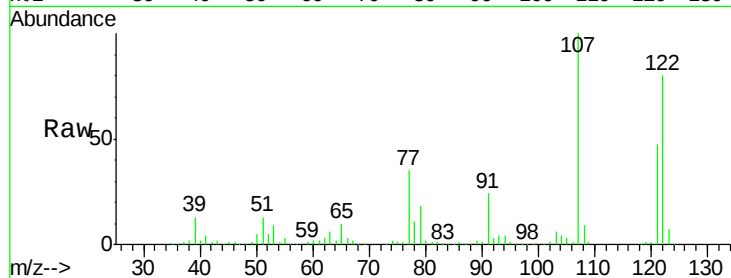
Tot Ion:122 Resp: 552316

Ion Ratio Lower Upper

122 100

107 125.4 106.0 159.0

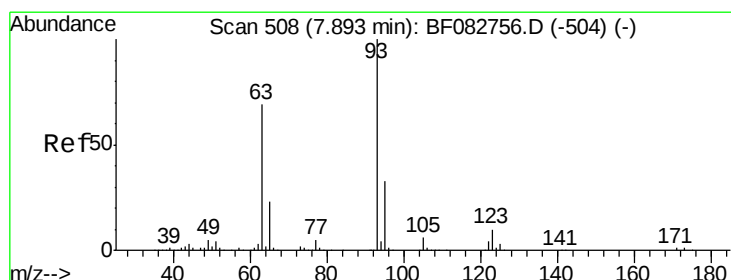
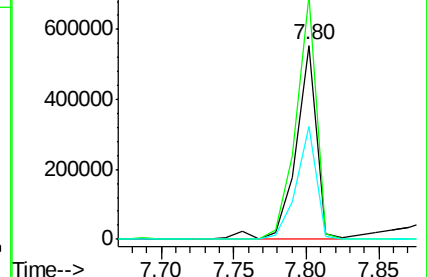
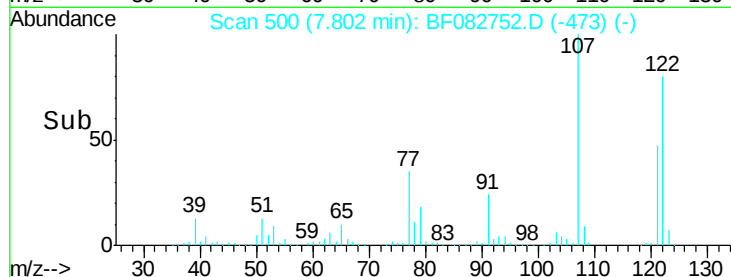
121 58.4 46.7 70.1



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: 33.69 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

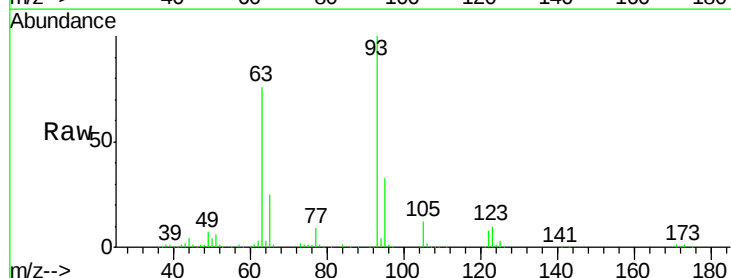
Tgt Ion: 93 Resp: 690326

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

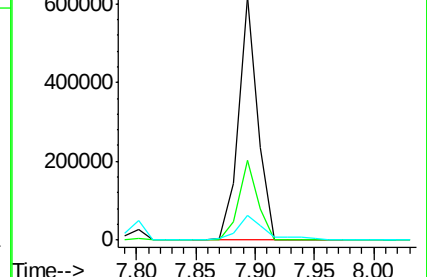
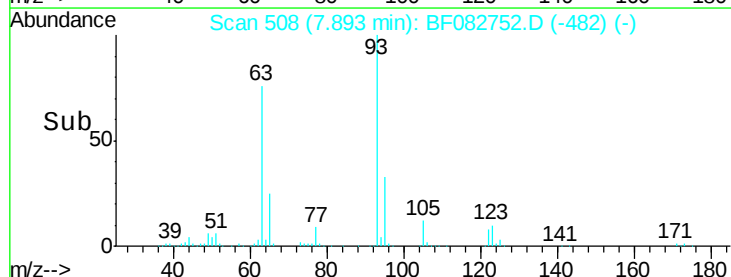
123 10.0 9.7 14.5

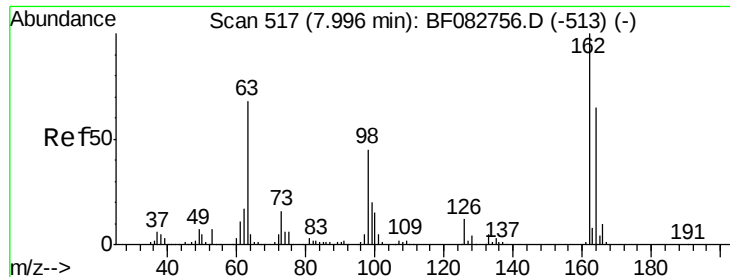


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

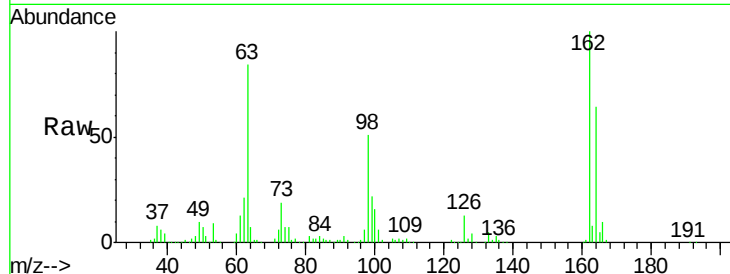




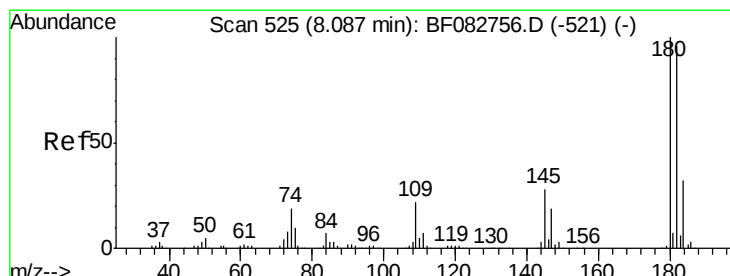
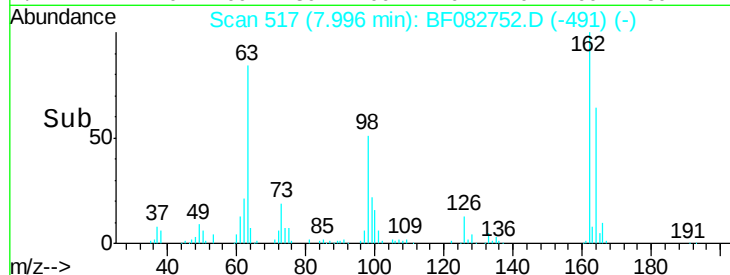
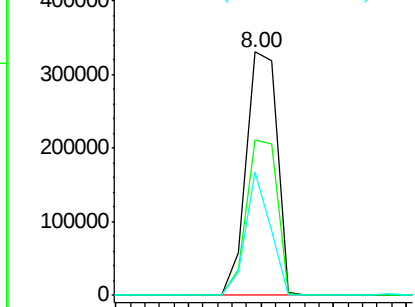
#29
2,4-Dichlorophenol
Concen: 35.88 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	46.8	86.8
98	50.6	12.5	52.5

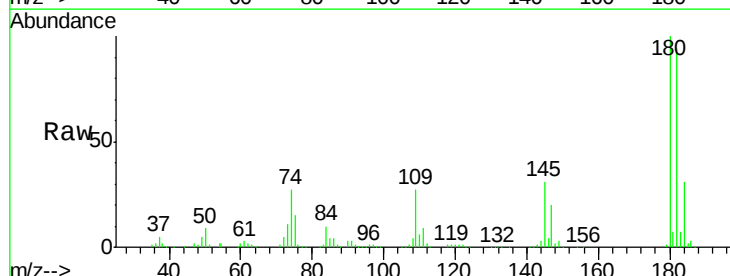


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

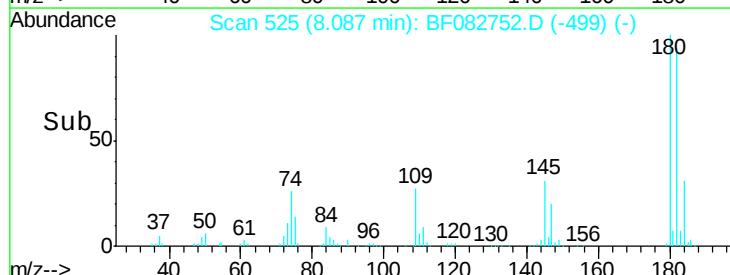
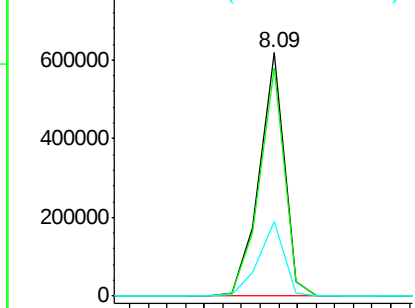


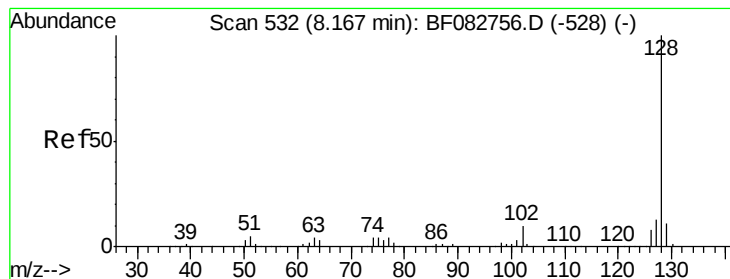
#30
1,2,4-Trichlorobenzene
Concen: 37.42 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	74.9	112.3
145	30.6	27.8	41.8



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: 36.23 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

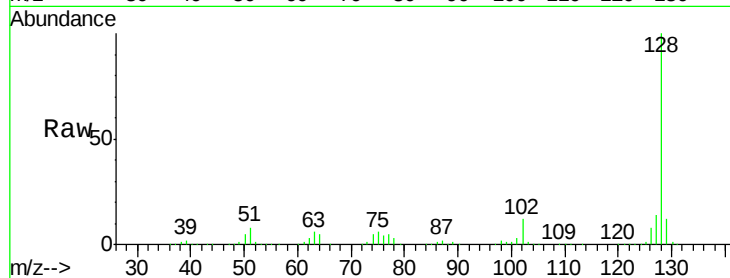
Tot Ion:128 Resp: 1707551

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

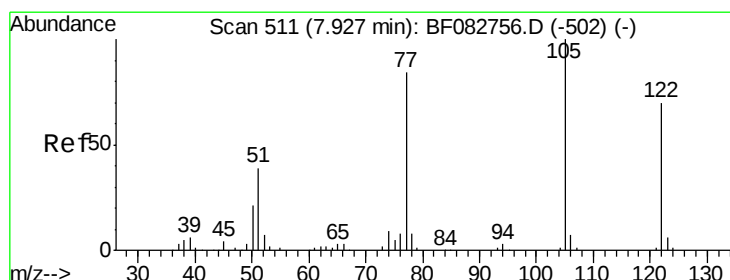
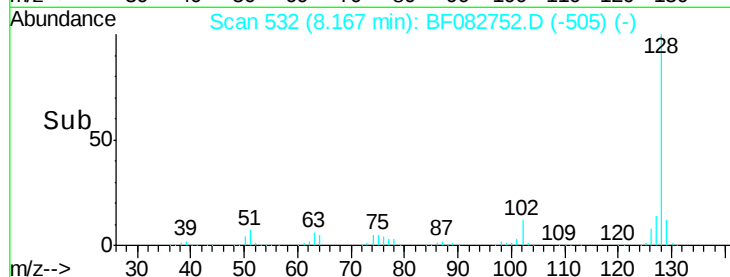
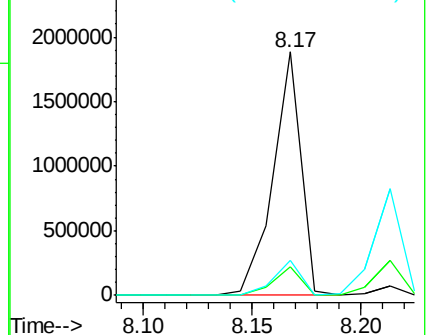
127 14.2 11.4 17.0



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: 39.45 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.03 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

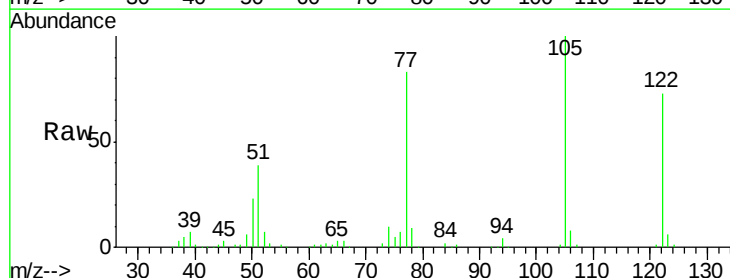
Tgt Ion:122 Resp: 406648

Ion Ratio Lower Upper

122 100

105 136.3 122.6 162.6

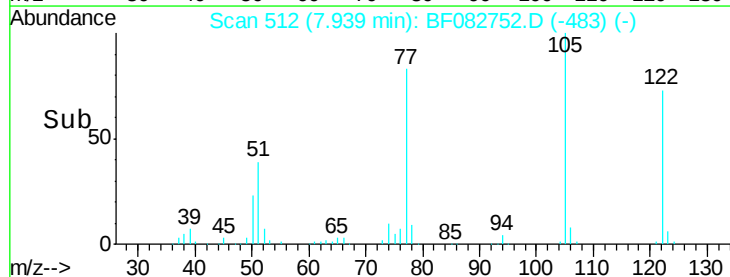
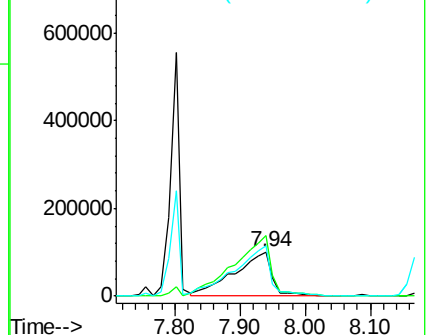
77 113.3 100.9 140.9



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

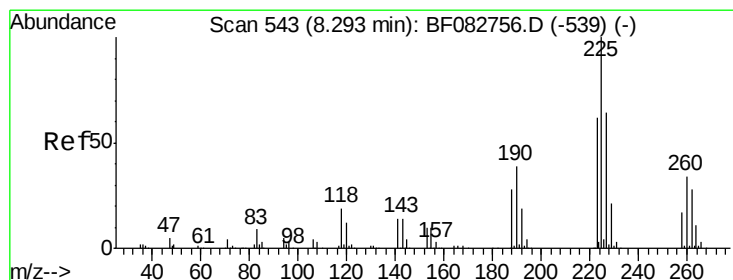
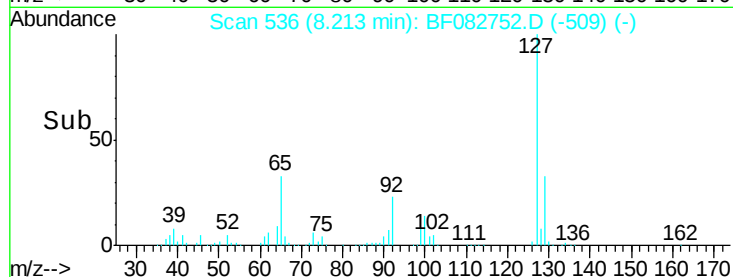
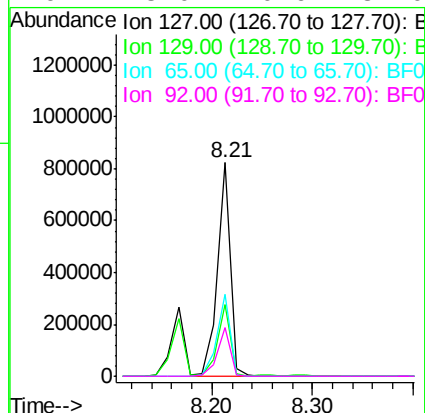
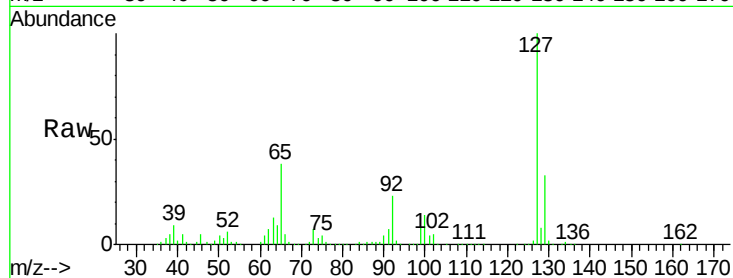




#33
4-Chloroaniline
Concen: 36.18 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

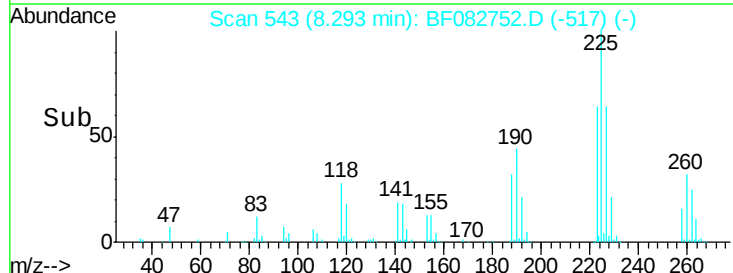
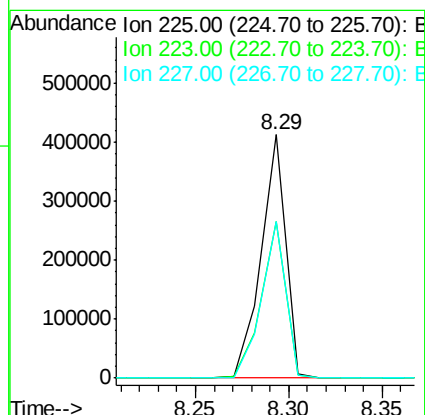
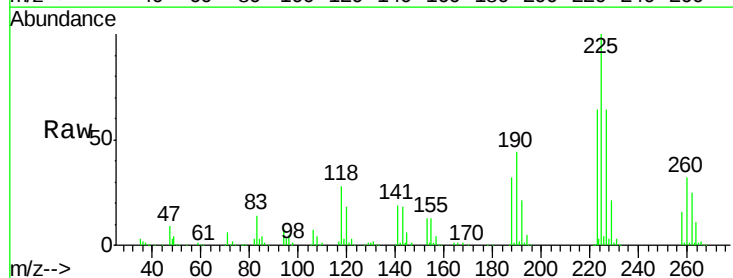
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

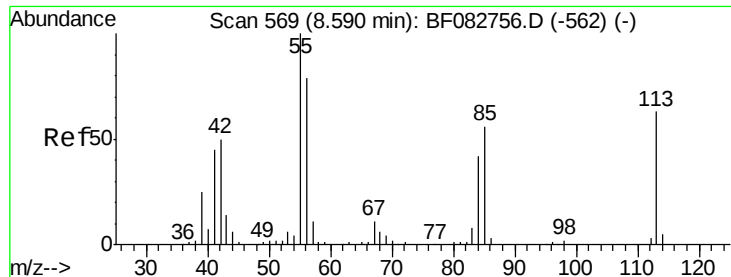
Tot Ion:	127	Resp:	734896
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	38.1	37.8	56.8
92	23.0	20.6	31.0



#34
Hexachlorobutadiene
Concen: 39.02 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion:	225	Resp:	373702
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.5	75.7
227	64.2	50.2	75.2





#35

Caprolactam

Concen: 37.35 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.03 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

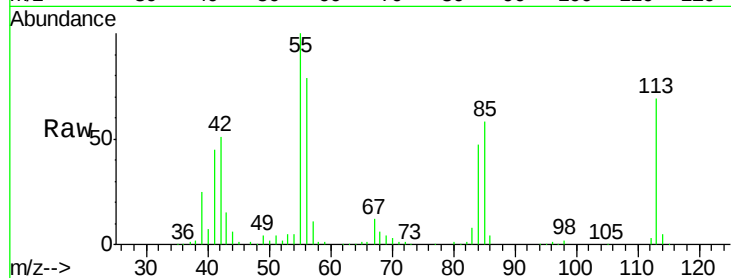
Tot Ion:113 Resp: 160223

Ion Ratio Lower Upper

113 100

55 144.3 195.5 235.5#

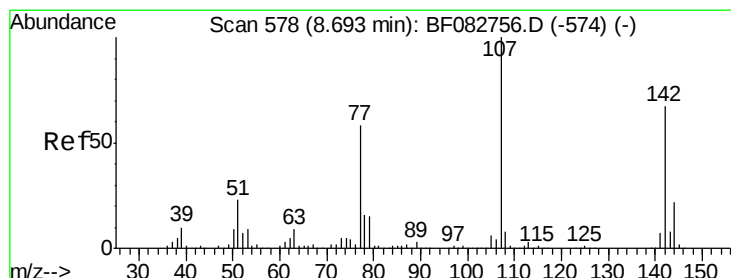
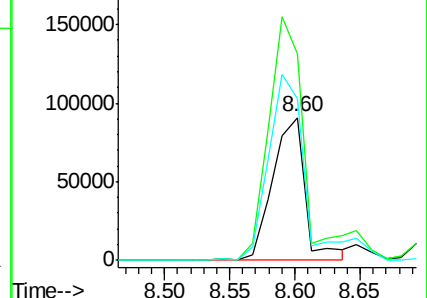
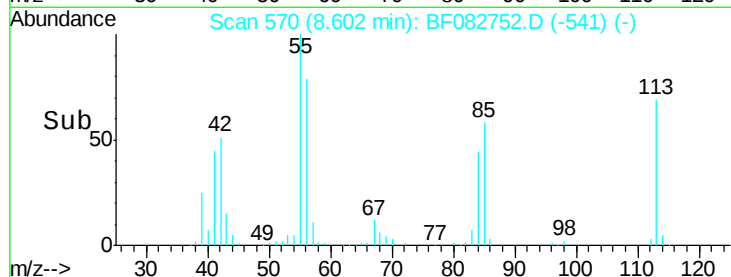
56 113.4 153.5 193.5#



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: 35.18 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

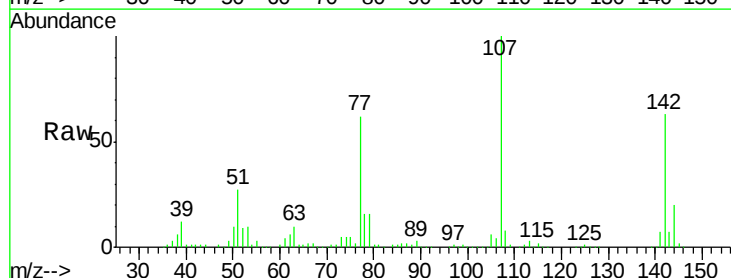
Tgt Ion:107 Resp: 562960

Ion Ratio Lower Upper

107 100

144 20.2 15.4 23.0

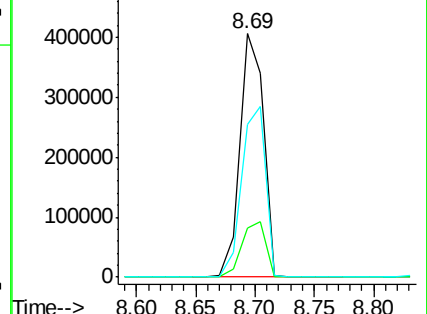
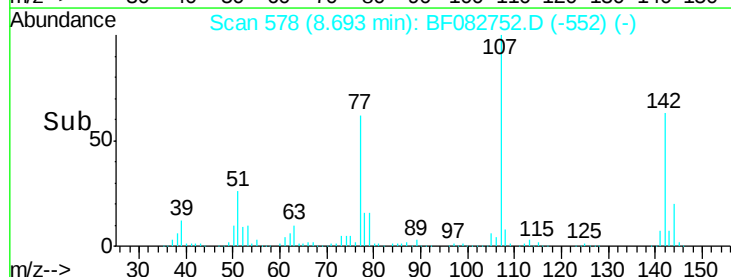
142 62.8 47.8 71.8

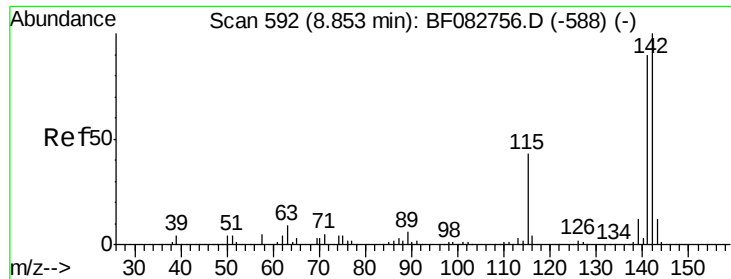


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

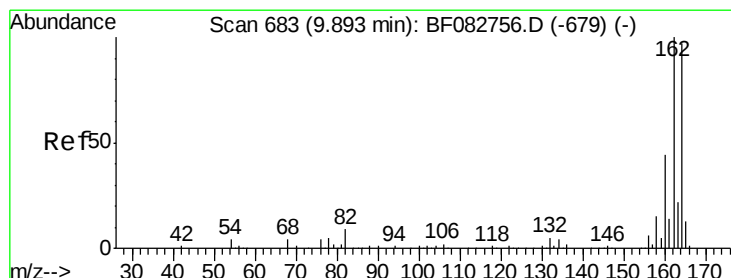
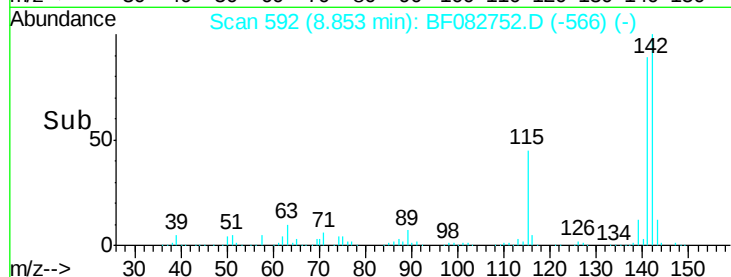
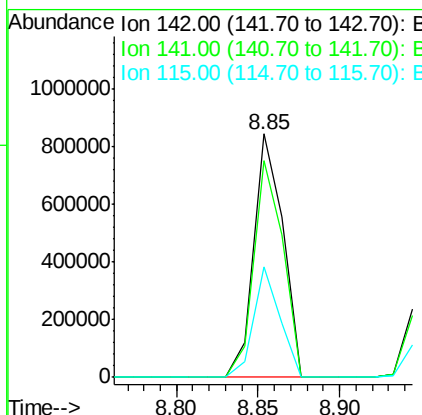
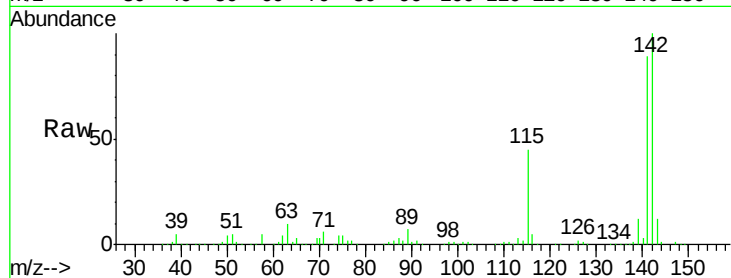




#37
2-Methylnaphthalene
Concen: 34.31 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

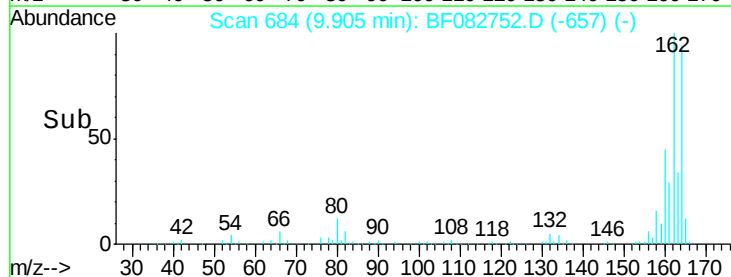
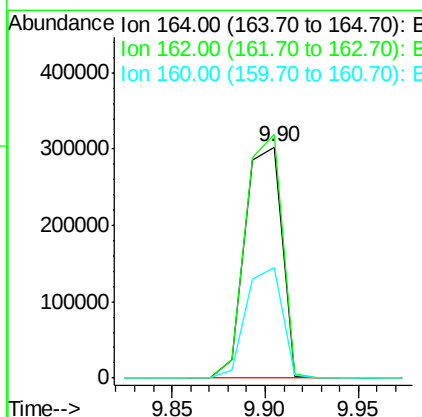
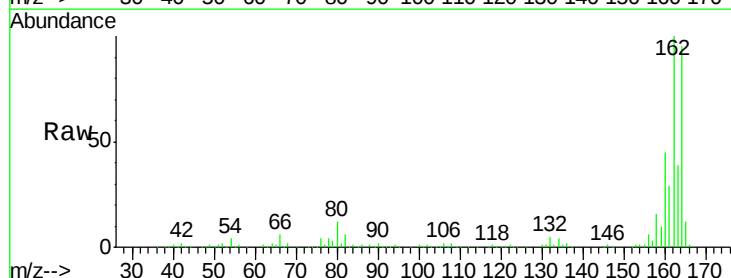
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

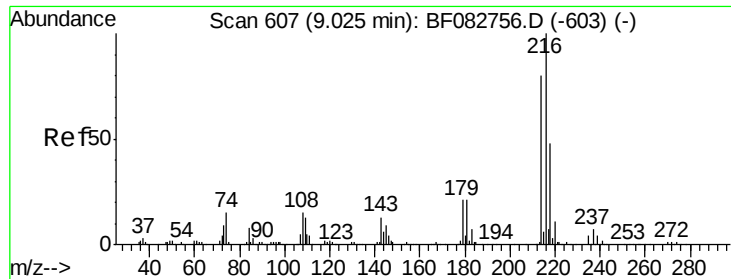
Tot Ion:142 Resp: 1046021
Ion Ratio Lower Upper
142 100
141 88.9 72.3 108.5
115 45.4 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion:164 Resp: 422407
Ion Ratio Lower Upper
164 100
162 105.2 84.9 127.3
160 47.6 37.5 56.3

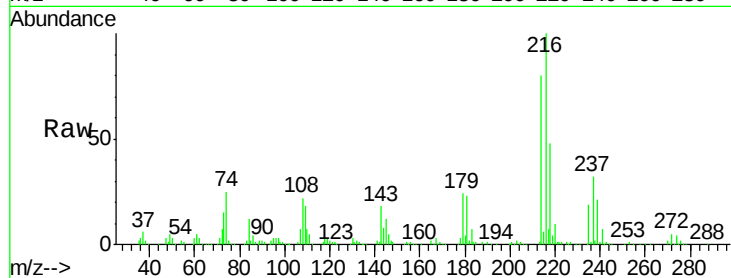




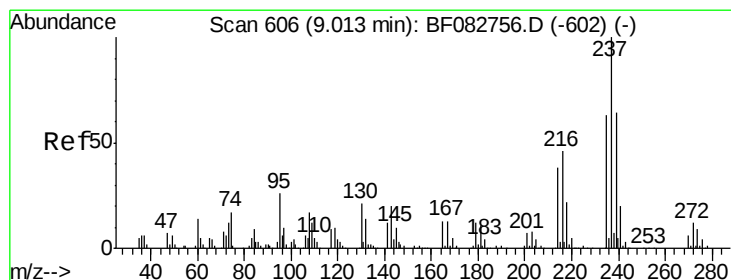
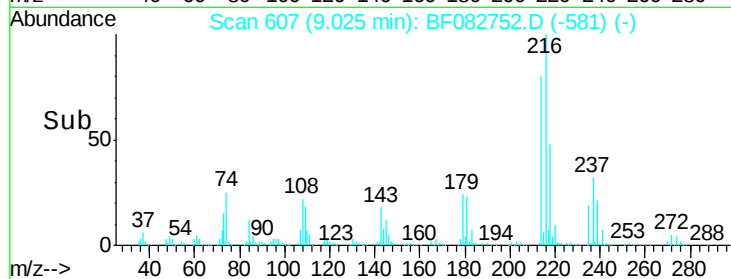
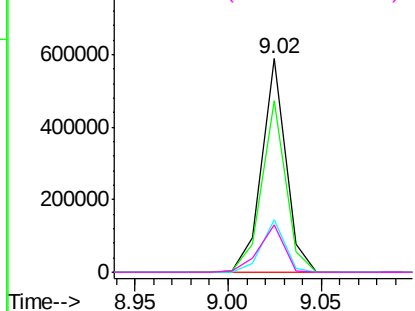
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.80 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	524659
Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.2	93.2
179	23.5	18.1	27.1
108	22.7	16.6	25.0

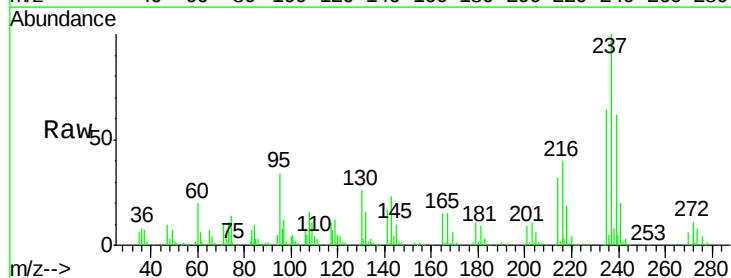


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

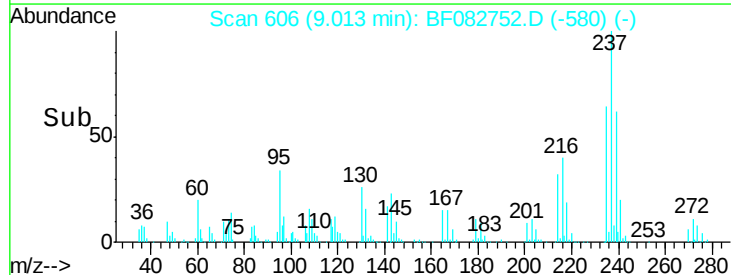
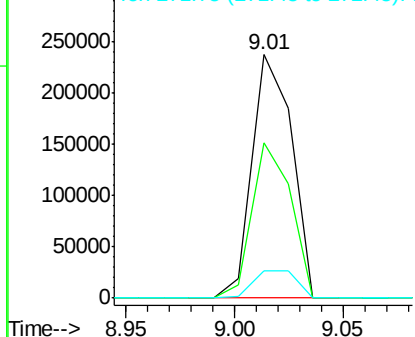


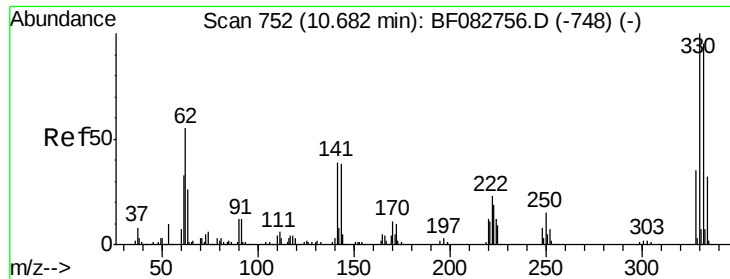
#40
 Hexachlorocyclopentadiene
 Concen: 40.67 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:	237	Resp:	303330
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.3	84.3
272	11.1	0.0	31.9



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

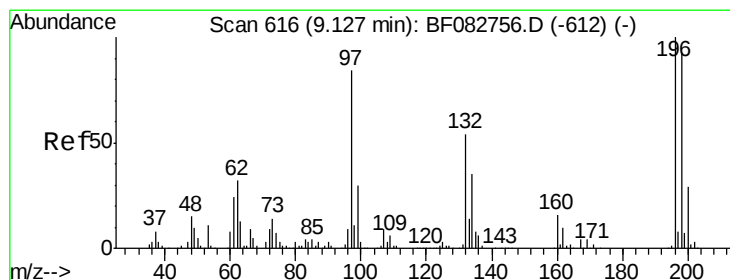
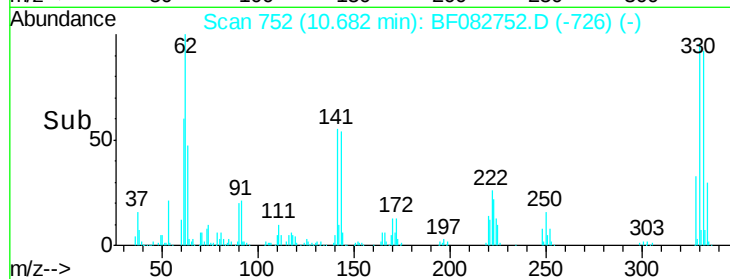
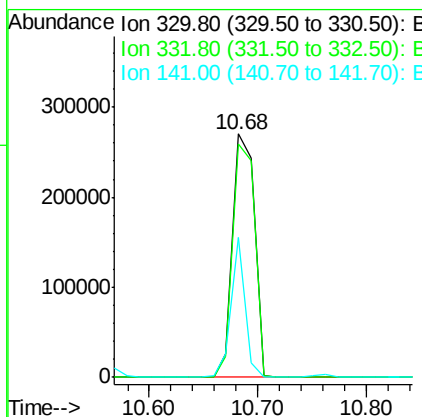
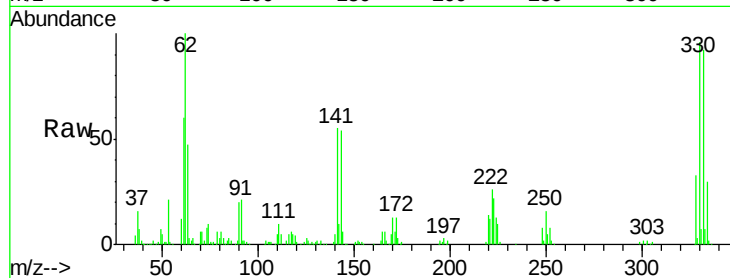




#41
 2,4,6-Tribromophenol
 Concen: 77.06 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

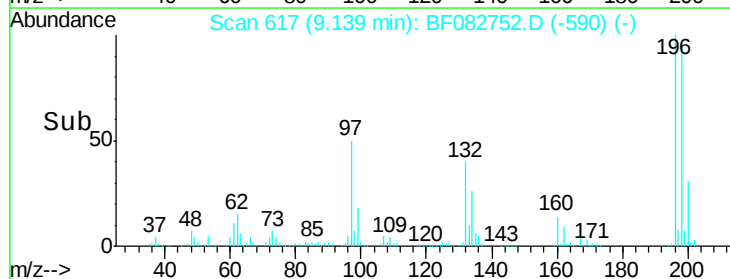
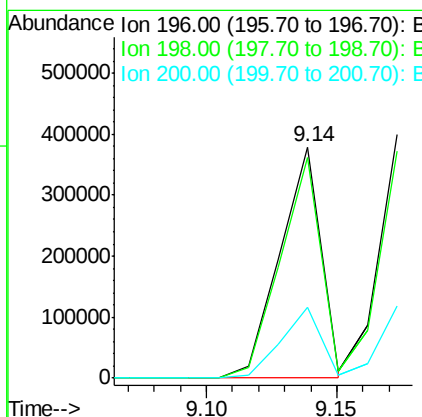
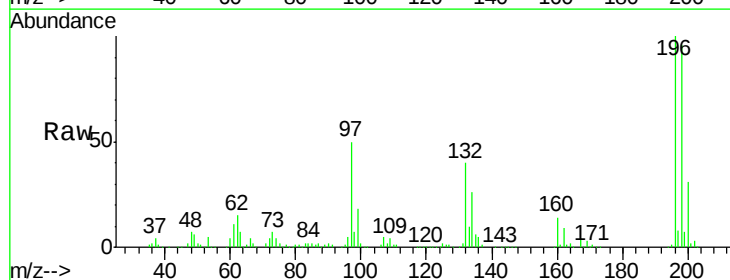
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

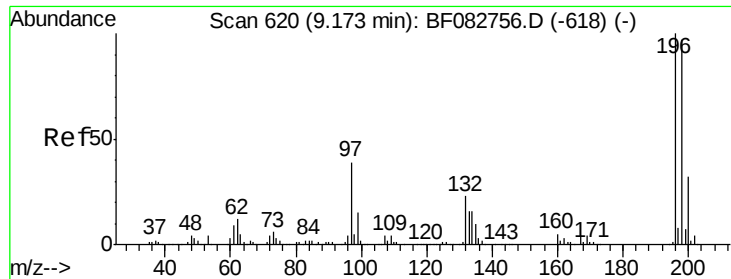
Tot Ion:330 Resp: 373230
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 36.7 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 39.89 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:196 Resp: 413272
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.3 114.5
 200 30.7 23.9 35.9

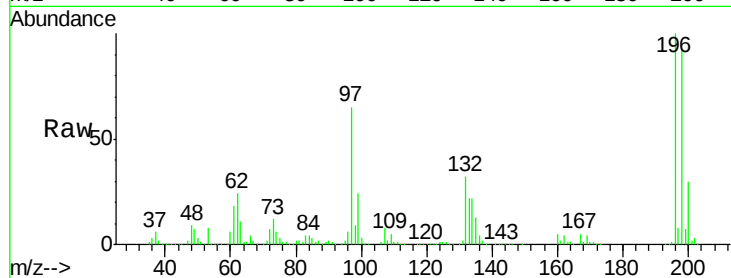




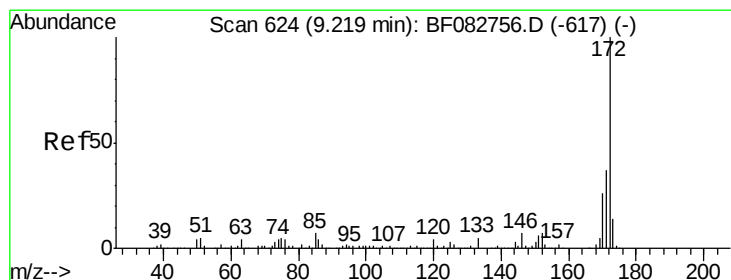
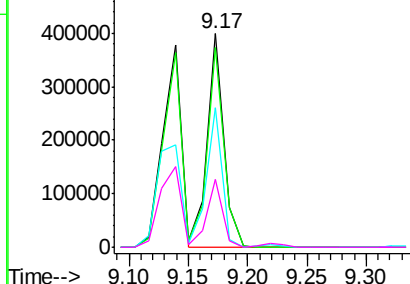
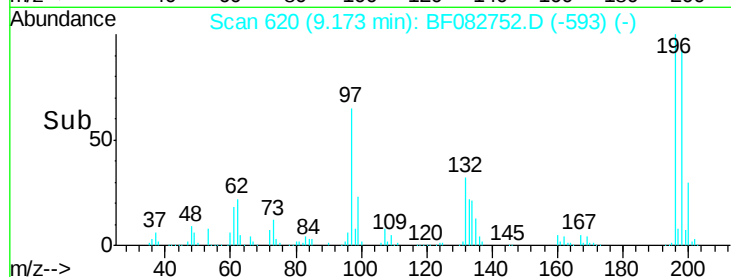
#43
 2,4,5-Trichlorophenol
 Concen: 38.77 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 386445
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.8 113.8
 97 65.4 62.3 93.5
 132 31.7 27.4 41.2

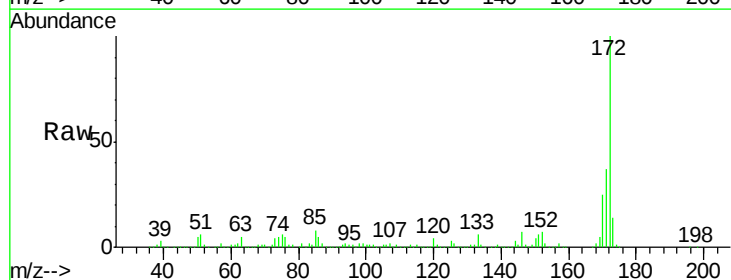


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

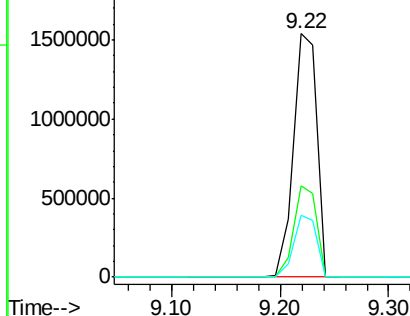
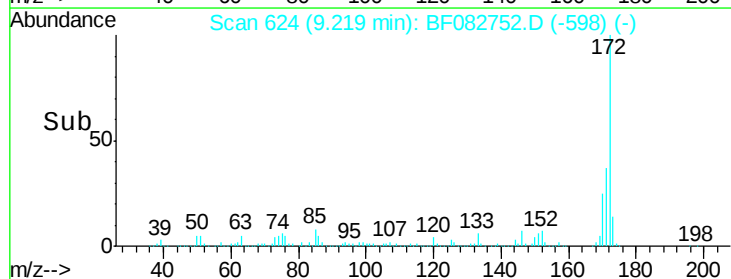


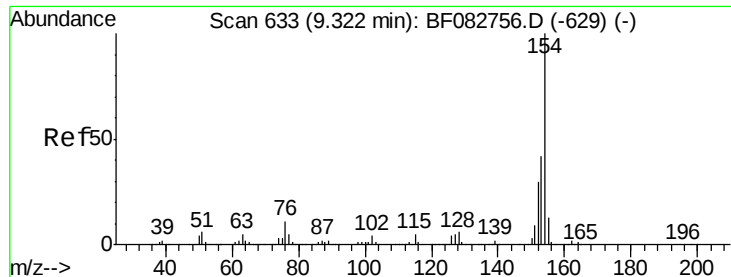
#44
 2-Fluorobiphenyl
 Concen: 78.81 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:172 Resp: 2322847
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.4 21.2 31.8



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

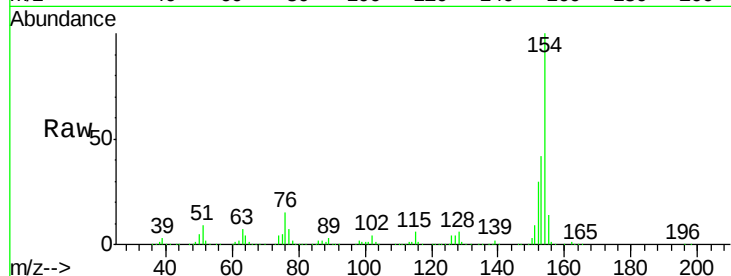




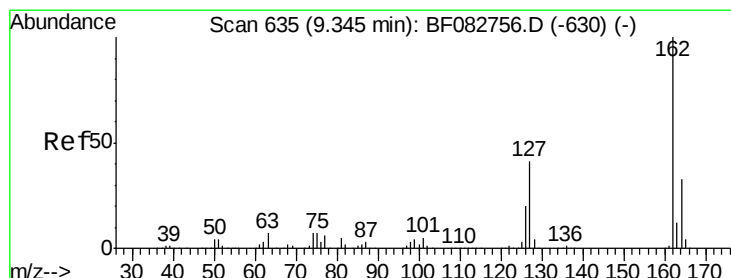
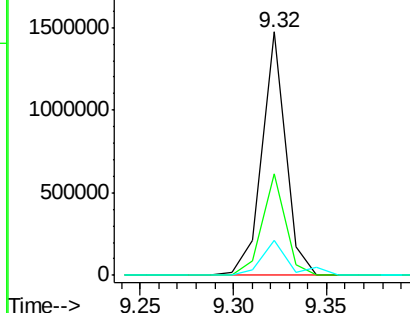
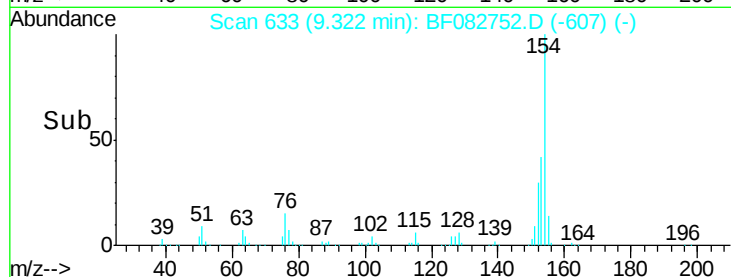
#45
 1,1'-Biphenyl
 Concen: 35.45 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1285038
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.0 62.0
 76 14.5 0.0 29.0

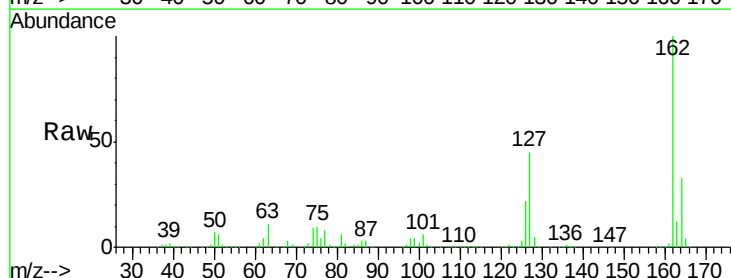


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

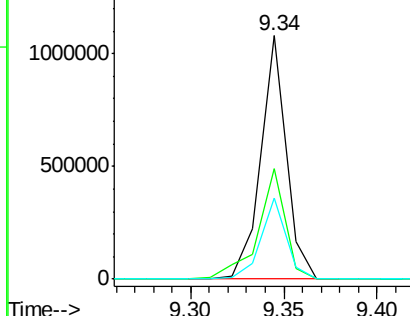
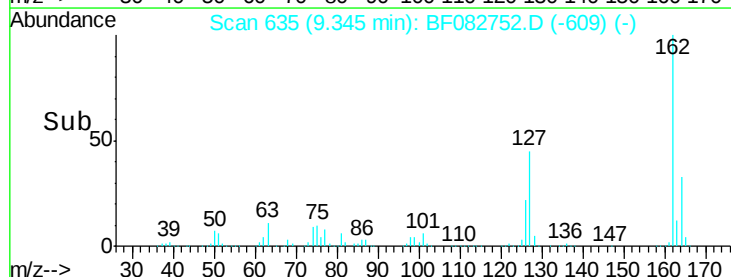


#46
 2-Chloronaphthalene
 Concen: 36.00 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:162 Resp: 1017907
 Ion Ratio Lower Upper
 162 100
 127 45.4 32.7 49.1
 164 33.2 27.4 41.0



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

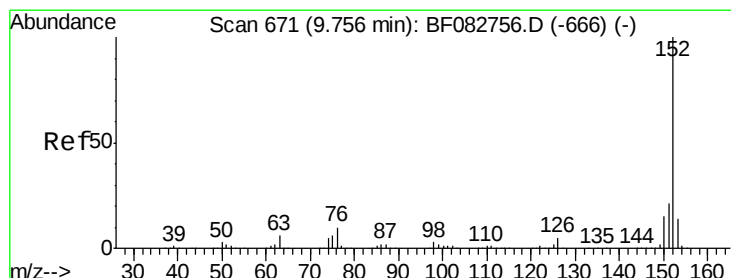
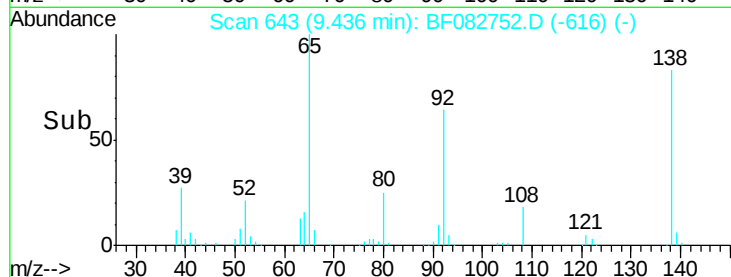
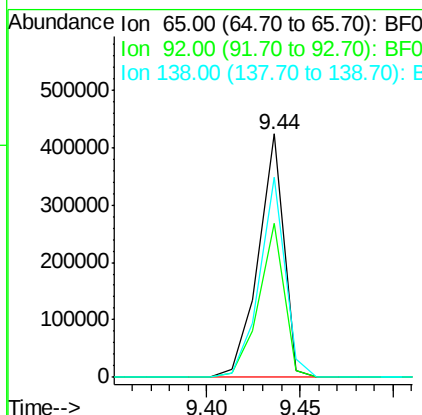
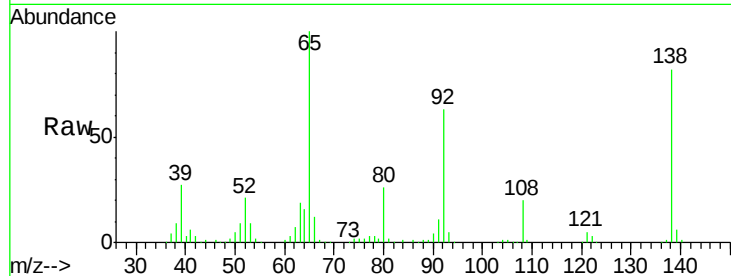




#47
 2-Nitroaniline
 Concen: 38.14 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

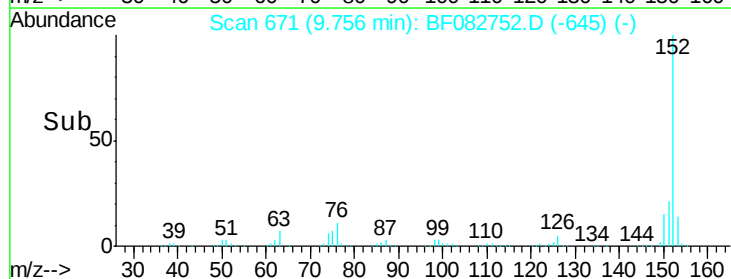
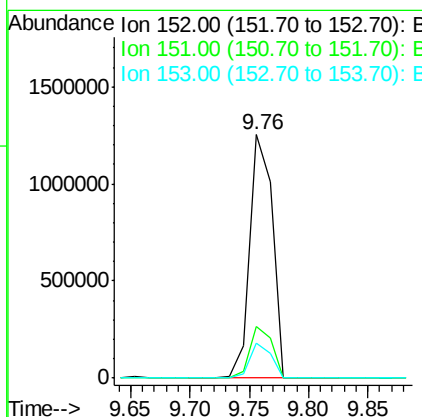
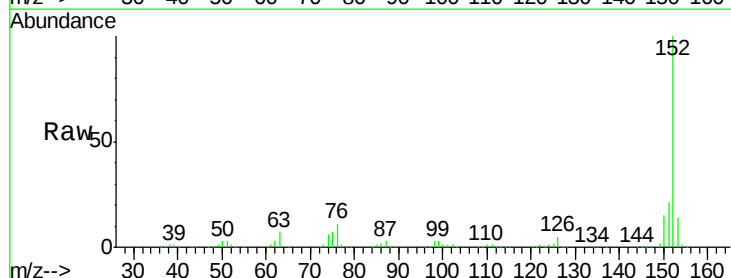
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

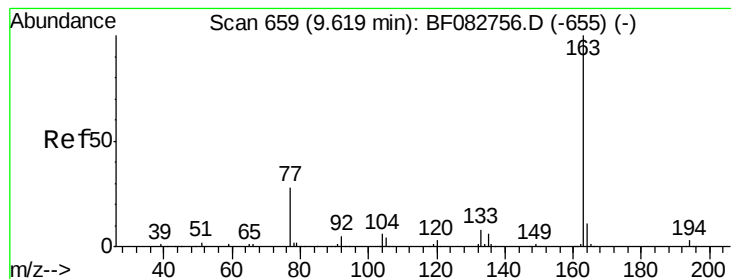
Tot Ion: 65 Resp: 400008
 Ion Ratio Lower Upper
 65 100
 92 63.3 46.6 70.0
 138 82.2 54.6 81.8#



#48
 Acenaphthylene
 Concen: 37.84 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion: 152 Resp: 1676732
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.3 25.9
 153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 40.21 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

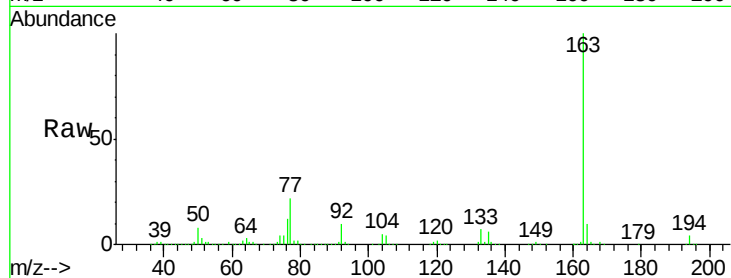
Tot Ion:163 Resp: 1391656

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

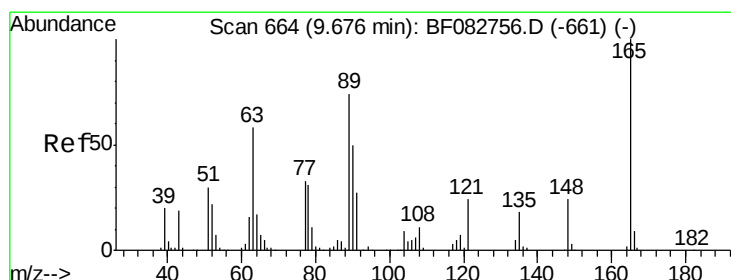
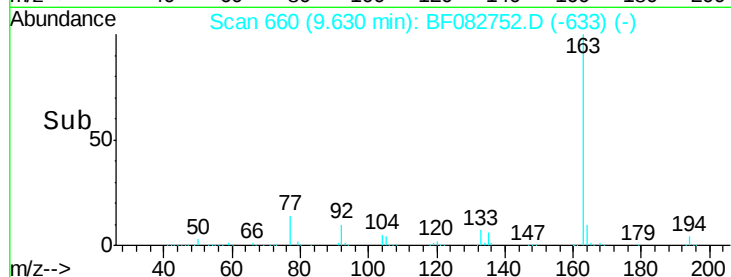
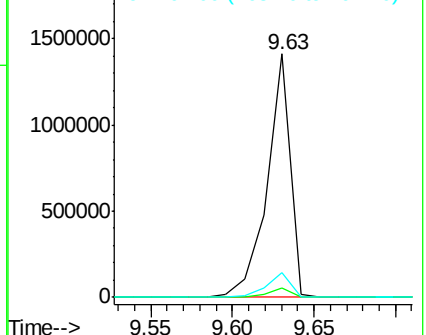
164 10.4 8.7 13.1



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: 42.16 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

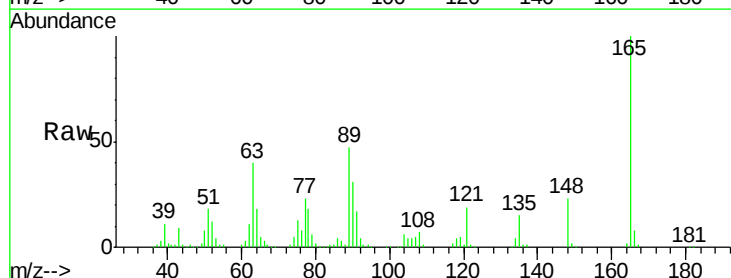
Tgt Ion:165 Resp: 311349

Ion Ratio Lower Upper

165 100

63 40.1 55.5 83.3#

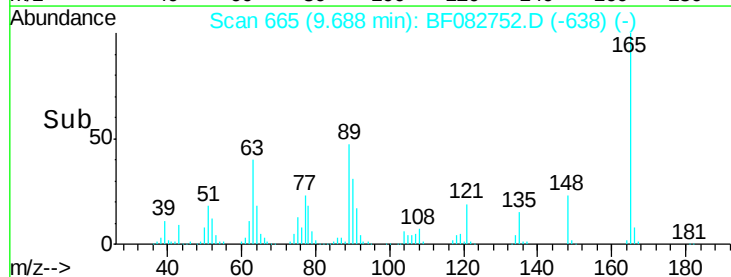
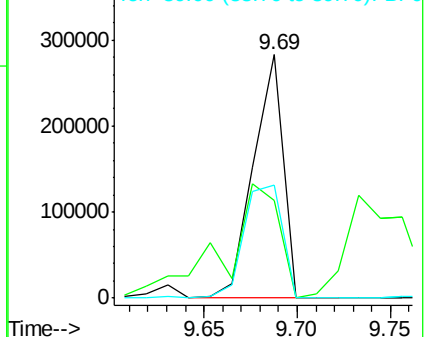
89 46.6 55.0 82.6#

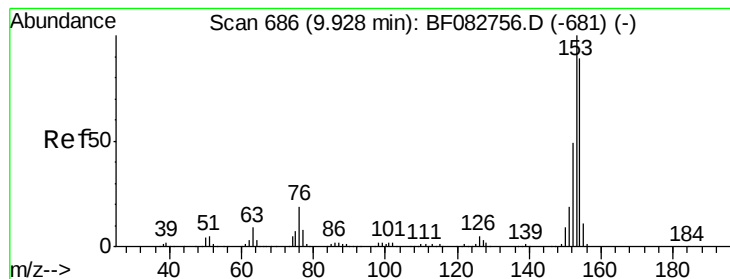


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.92 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

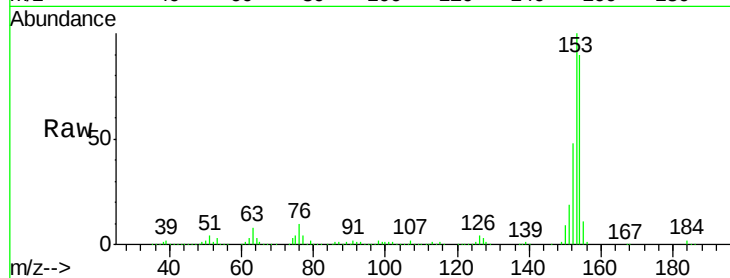
Tot Ion:154 Resp: 1121123

Ion Ratio Lower Upper

154 100

153 111.3 90.1 135.1

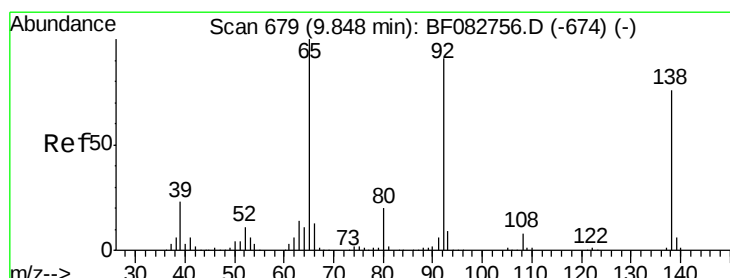
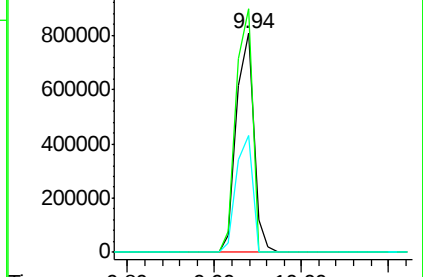
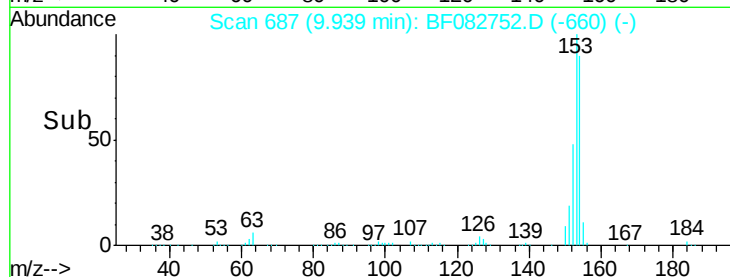
152 53.5 44.3 66.5



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: 34.31 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

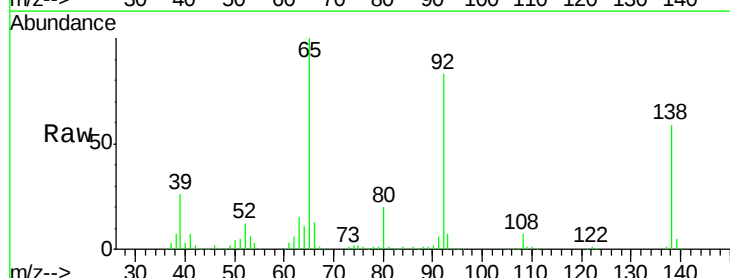
Tgt Ion:138 Resp: 278661

Ion Ratio Lower Upper

138 100

108 12.3 11.3 16.9

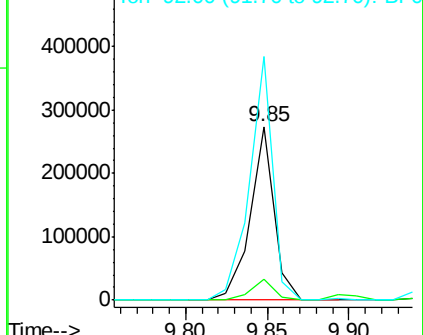
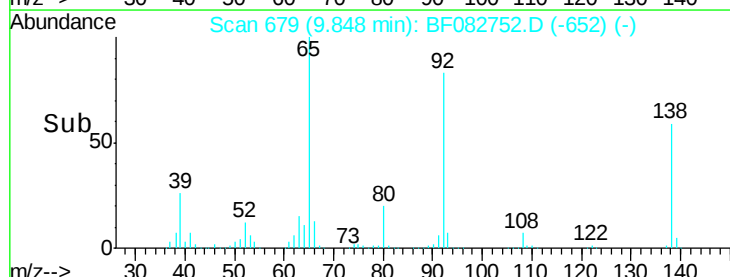
92 140.4 122.4 183.6

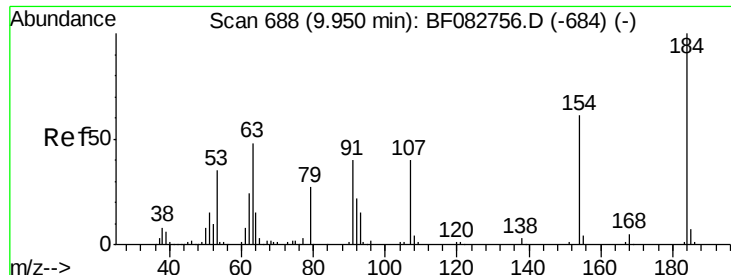


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

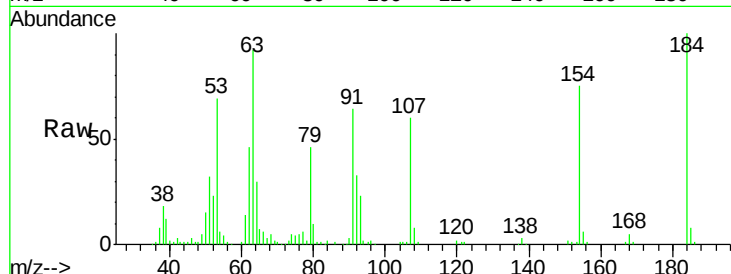




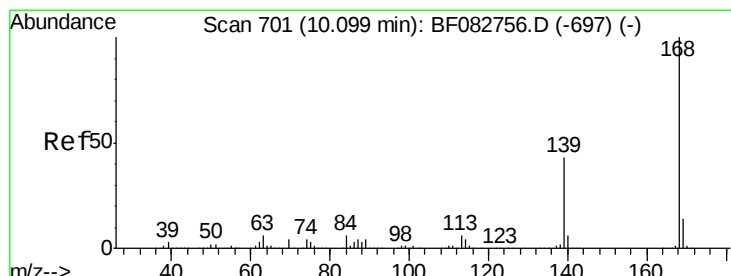
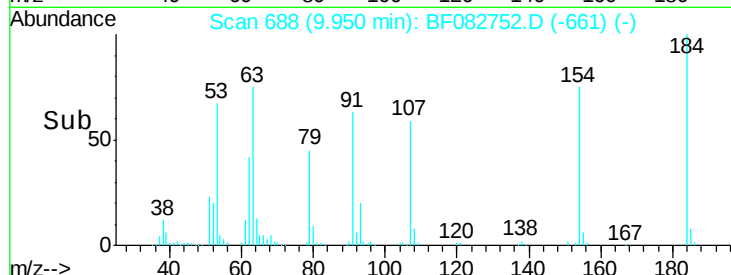
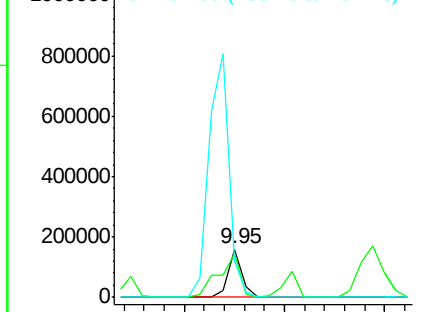
#53
 2,4-Dinitrophenol
 Concen: 37.45 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 151846
 Ion Ratio Lower Upper
 184 100
 63 92.1 98.6 148.0#
 154 75.4 183.9 275.9#

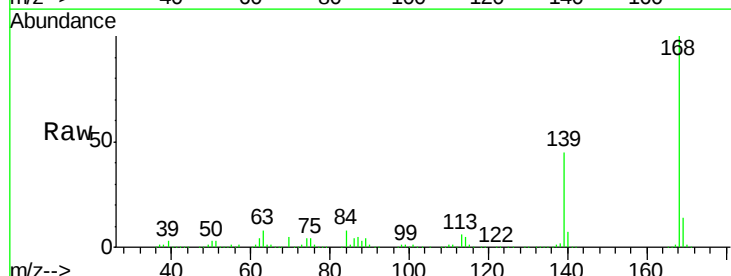


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

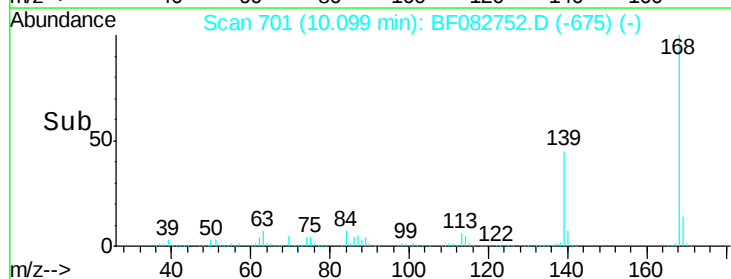
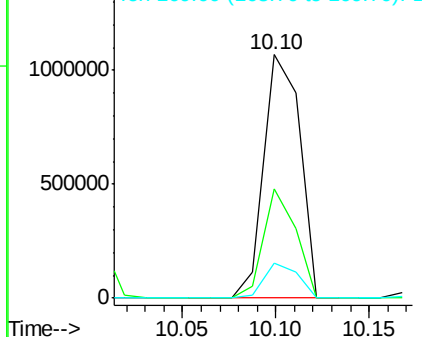


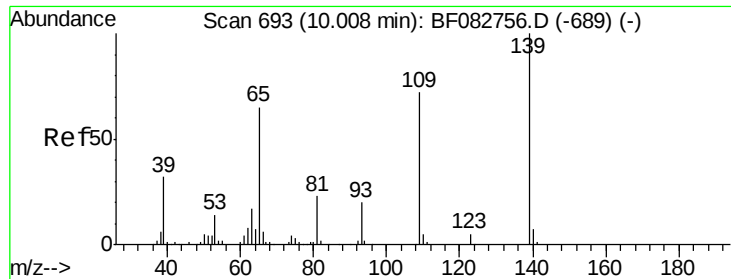
#54
 Dibenzofuran
 Concen: 37.77 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:168 Resp: 1429925
 Ion Ratio Lower Upper
 168 100
 139 44.8 37.8 56.6
 169 14.2 11.3 16.9



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

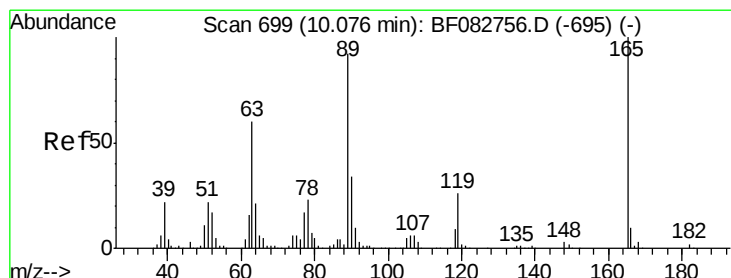
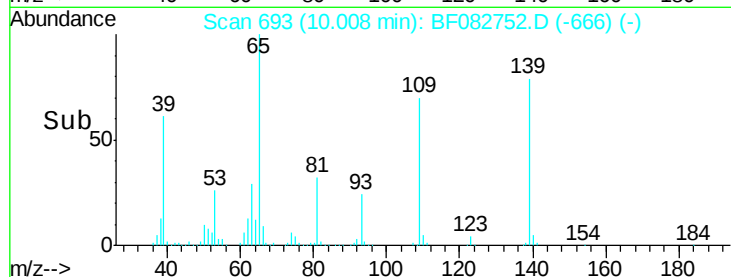
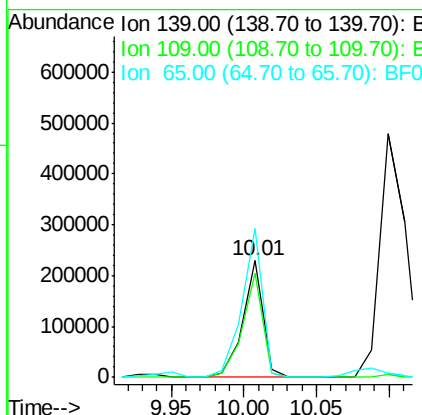
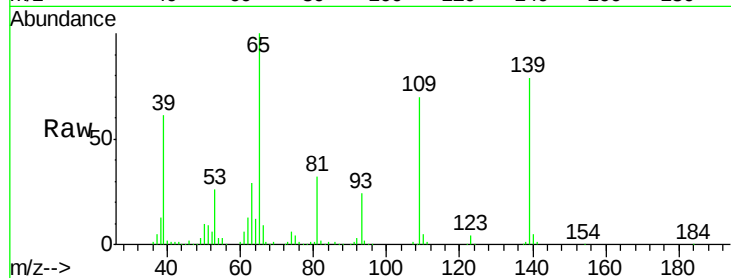




#55
4-Nitrophenol
Concen: 35.78 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

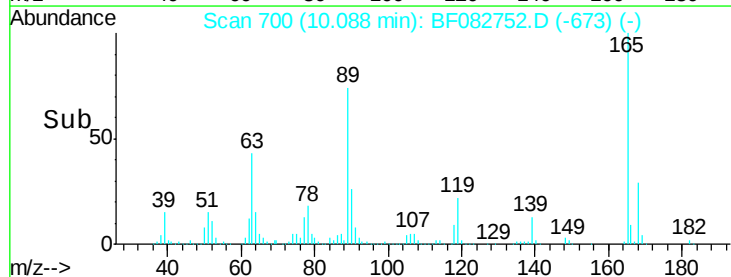
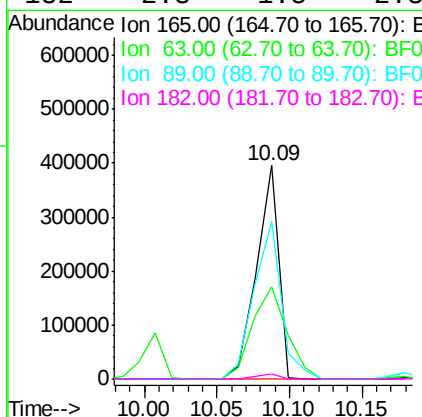
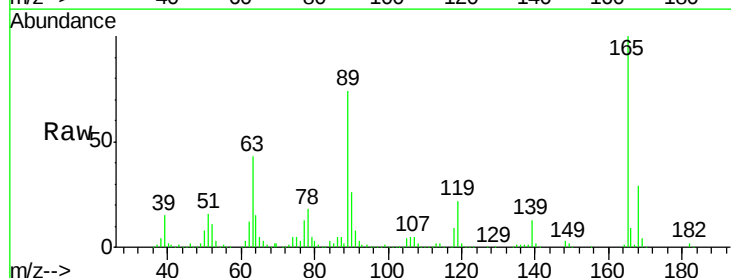
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

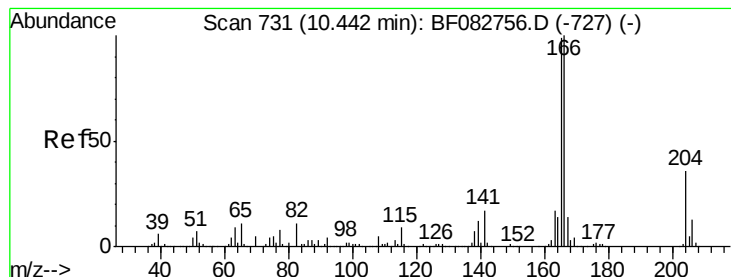
Tot Ion:139 Resp: 222911
Ion Ratio Lower Upper
139 100
109 89.1 73.7 113.7
65 127.0 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 41.72 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion:165 Resp: 418011
Ion Ratio Lower Upper
165 100
63 43.2 43.4 65.0#
89 73.5 70.6 106.0
182 2.3 1.5 2.3#





#57

Fluorene

Concen: 36.17 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

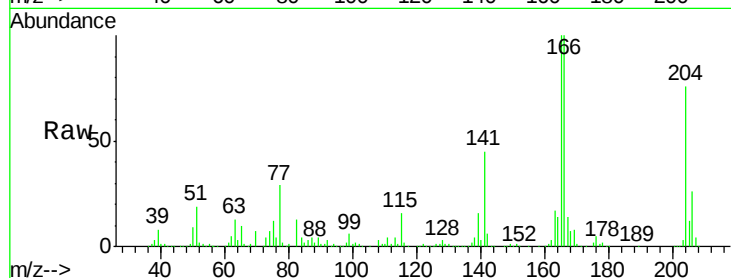
Tot Ion:166 Resp: 1108954

Ion Ratio Lower Upper

166 100

165 99.6 80.2 120.4

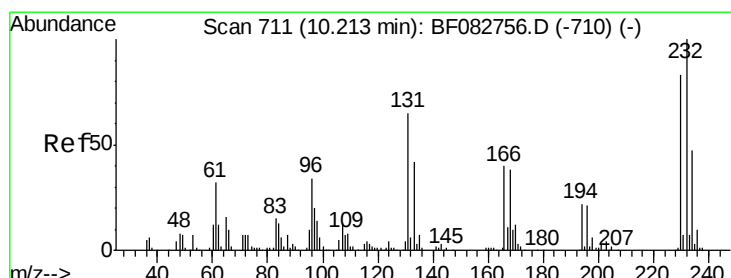
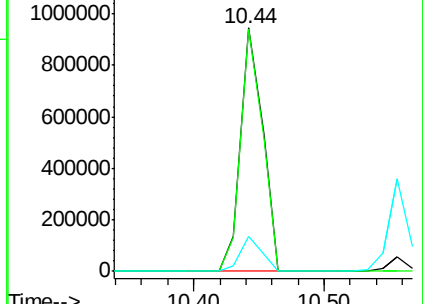
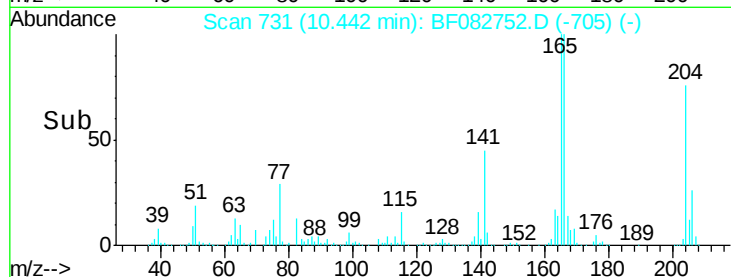
167 14.5 11.2 16.8



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: 42.05 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Tgt Ion:232 Resp: 351737

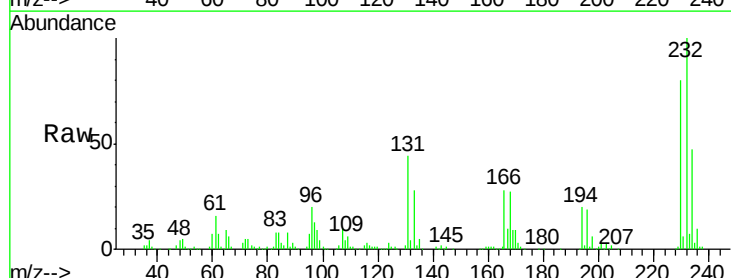
Ion Ratio Lower Upper

232 100

131 47.7 46.2 69.2

130 2.6 2.4 3.6

166 28.7 28.2 42.2

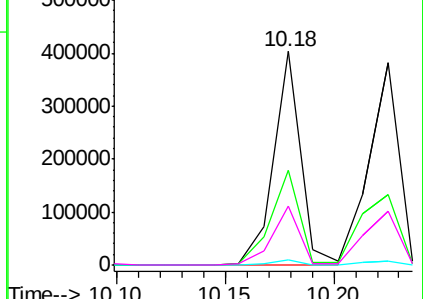
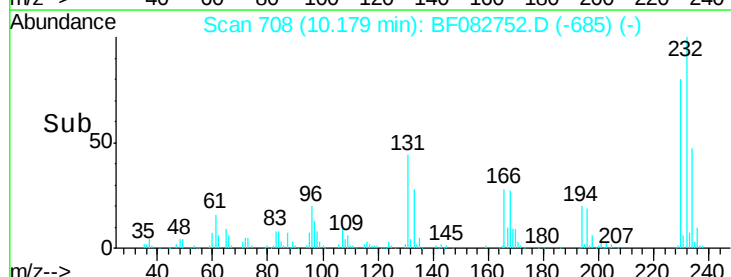


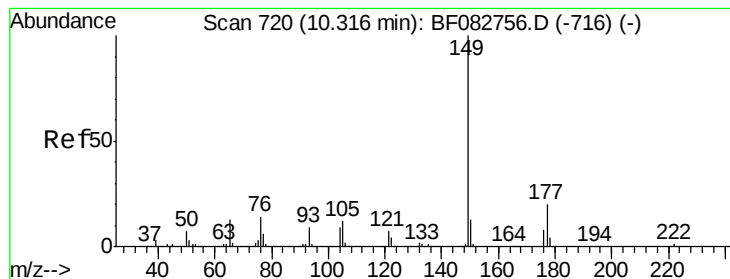
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.03 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

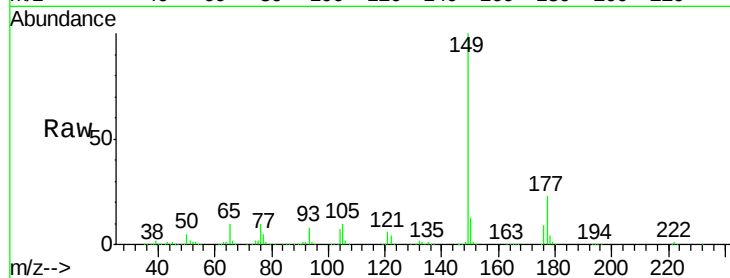
Tot Ion:149 Resp: 1386321

Ion Ratio Lower Upper

149 100

177 23.0 17.9 26.9

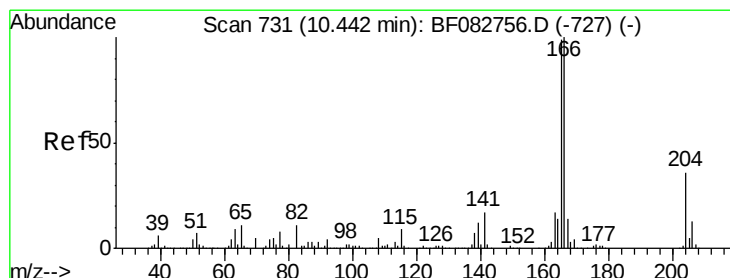
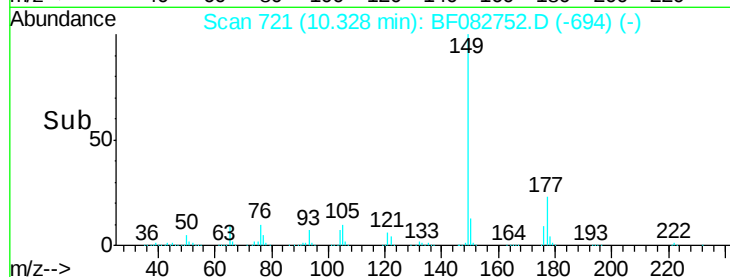
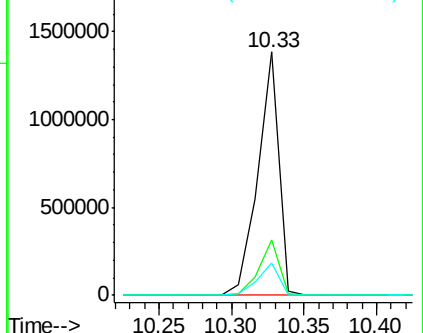
150 13.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.90 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

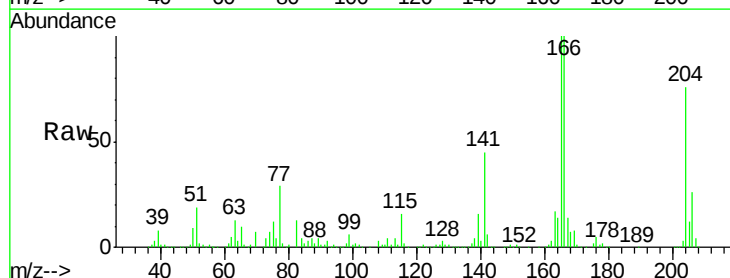
Tgt Ion:204 Resp: 627441

Ion Ratio Lower Upper

204 100

206 34.5 28.5 42.7

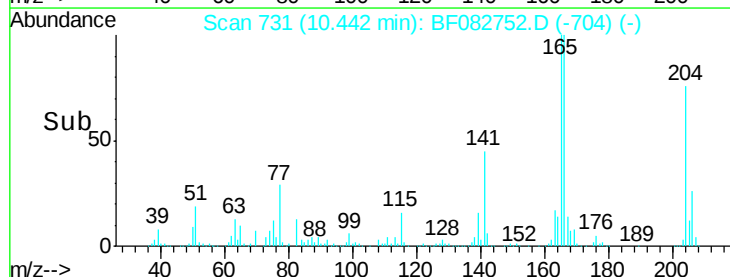
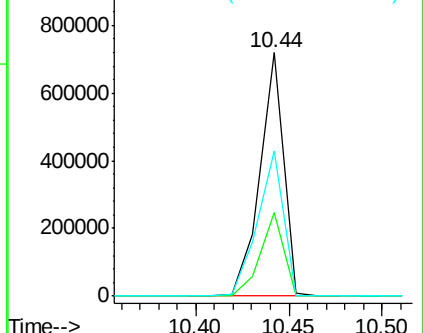
141 59.7 44.6 66.8

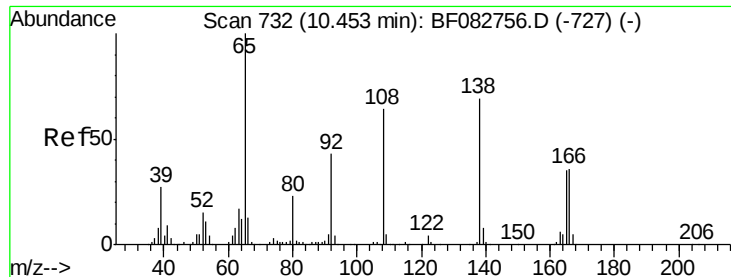


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

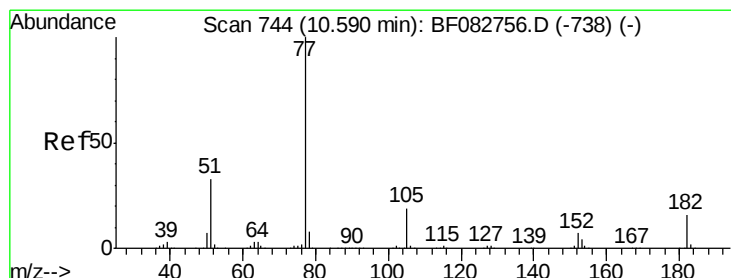
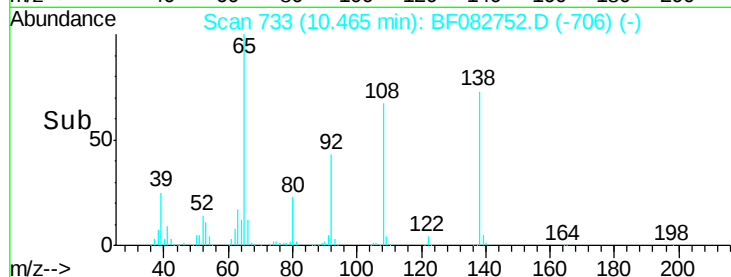
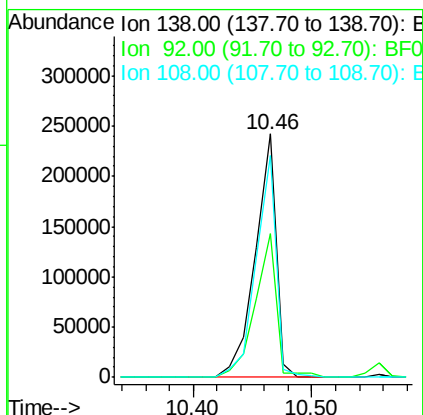
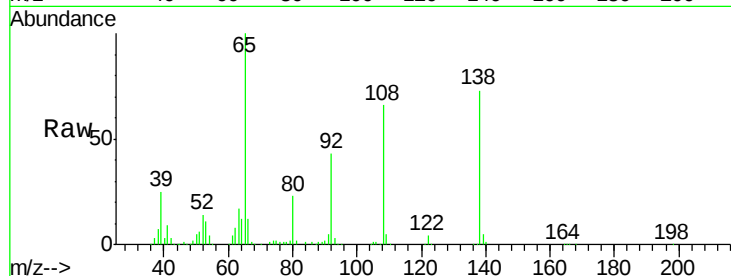




#61
4-Nitroaniline
Concen: 36.78 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

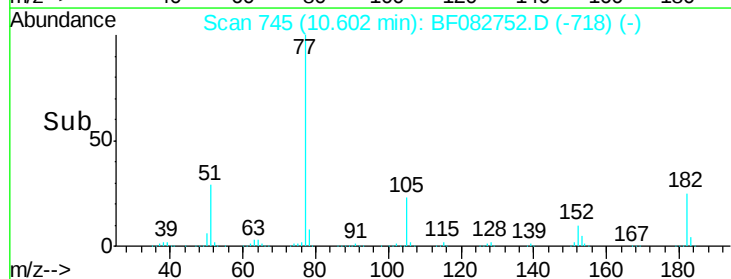
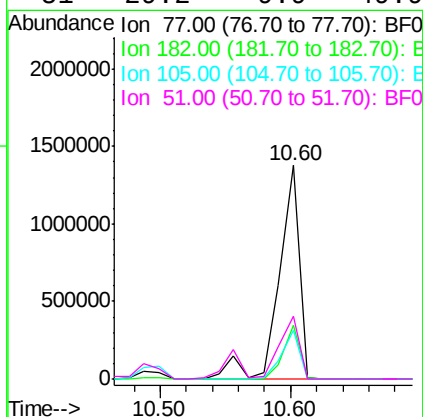
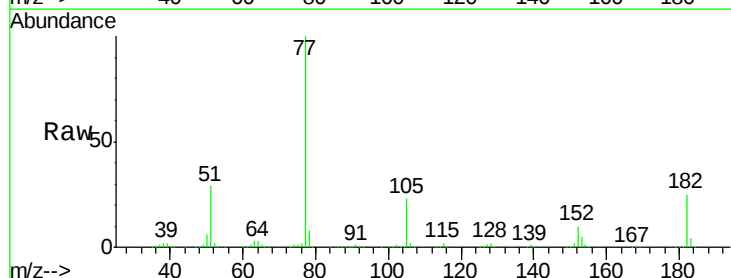
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

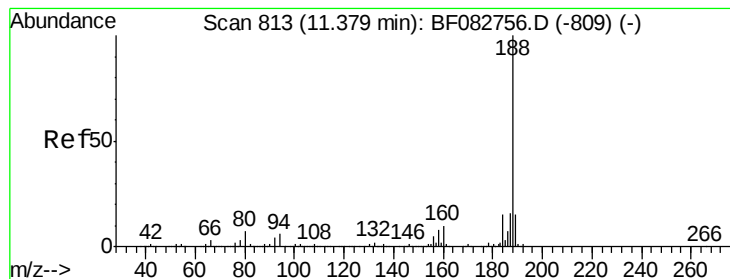
Tot Ion:138 Resp: 300374
Ion Ratio Lower Upper
138 100
92 59.0 45.8 85.8
108 91.1 89.4 129.4



#62
Azobenzene
Concen: 42.14 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion: 77 Resp: 1529490
Ion Ratio Lower Upper
77 100
182 25.3 9.3 49.3
105 22.7 2.6 42.6
51 29.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

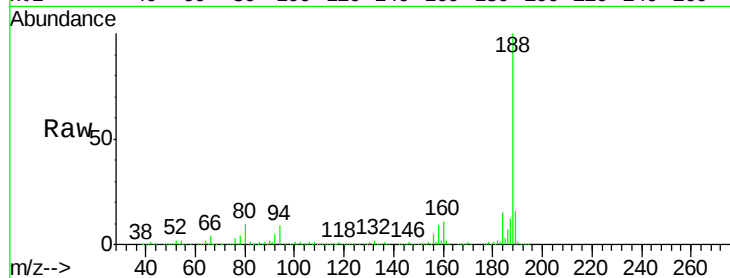
Tot Ion:188 Resp: 804876

Ion Ratio Lower Upper

188 100

94 9.1 6.1 9.1#

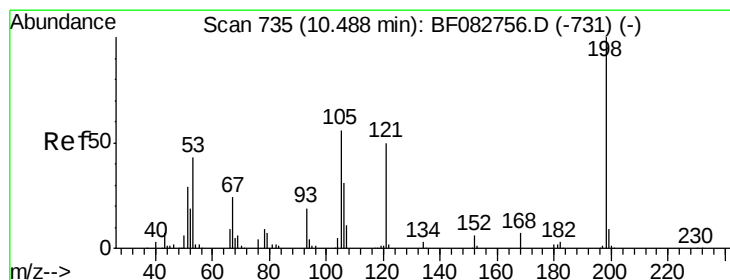
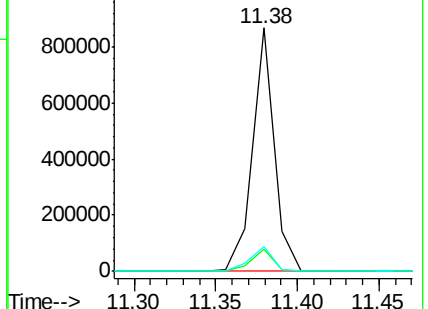
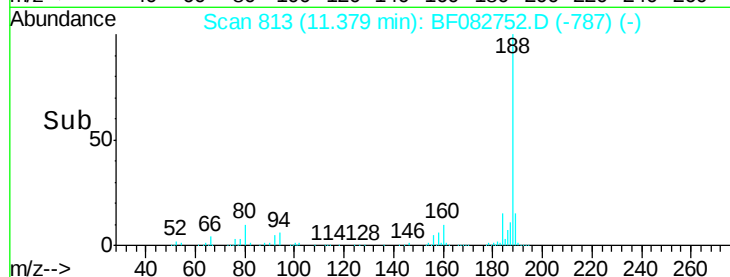
80 10.3 7.0 10.6



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: 43.54 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

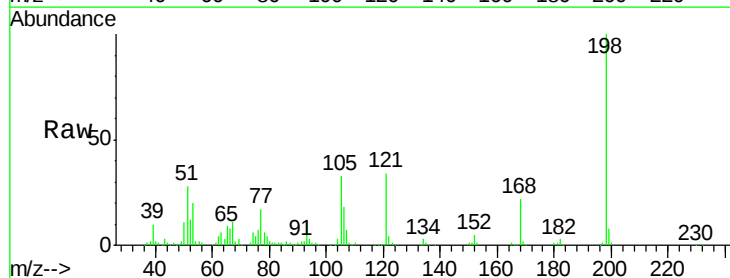
Tgt Ion:198 Resp: 249644

Ion Ratio Lower Upper

198 100

51 27.6 17.3 57.3

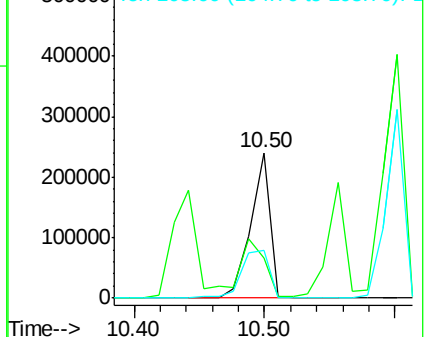
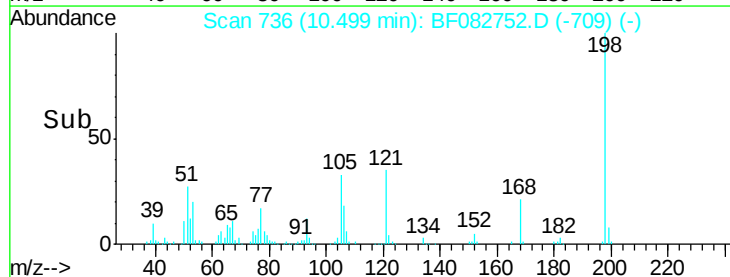
105 32.9 21.7 61.7

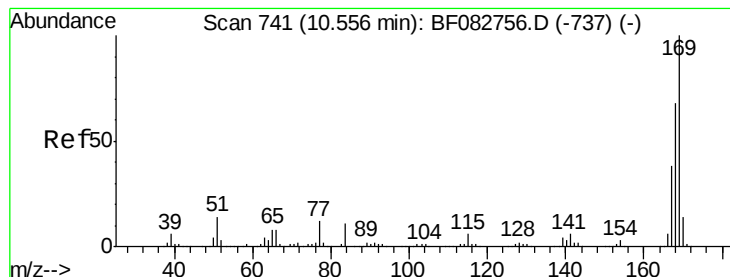


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

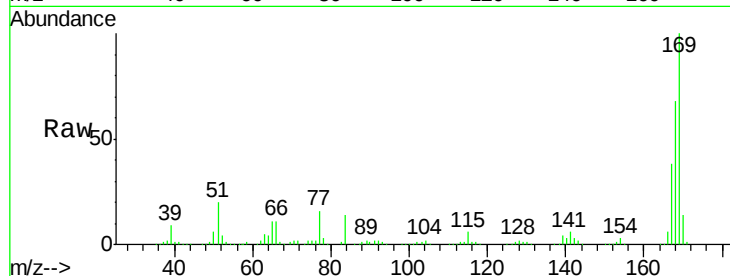




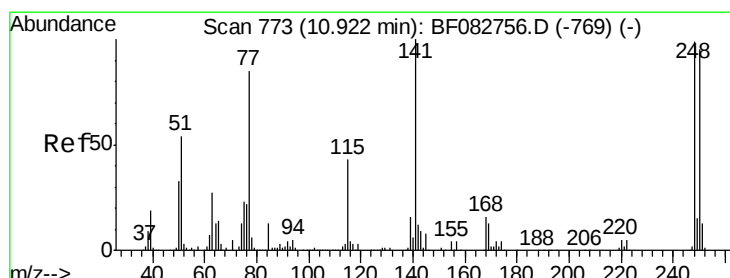
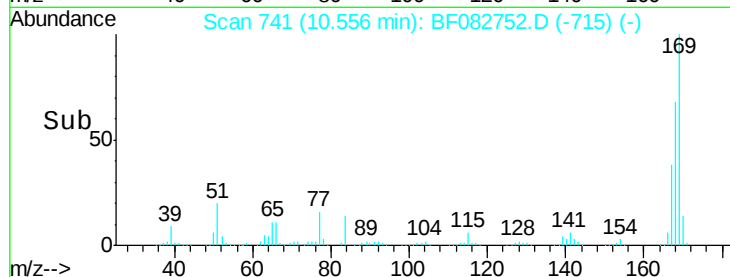
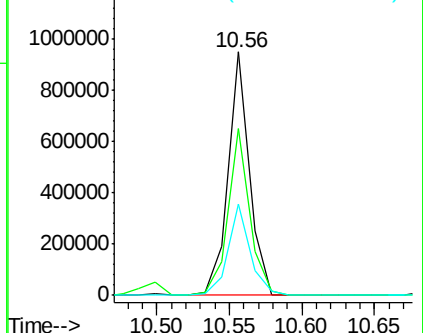
#65
 n-Nitrosodiphenylamine
 Concen: 33.32 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 968958
 Ion Ratio Lower Upper
 169 100
 168 68.3 55.0 82.6
 167 37.6 30.5 45.7

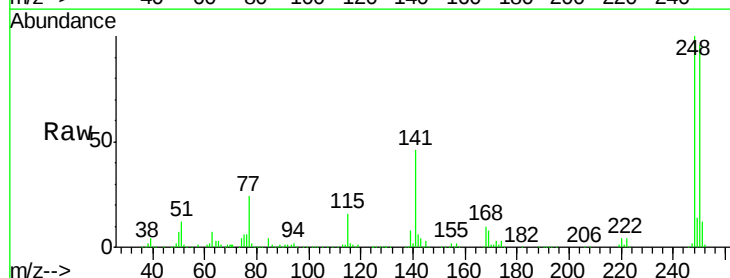


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

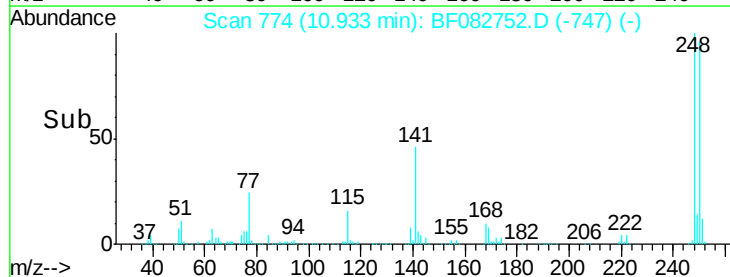
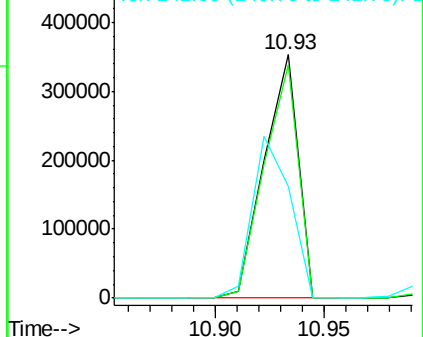


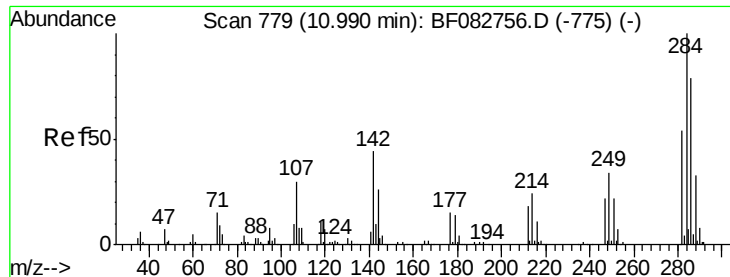
#66
 4-Bromophenyl-phenylether
 Concen: 39.99 ng
 RT: 10.93 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:248 Resp: 387562
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 46.0 36.3 54.5



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





#67

Hexachlorobenzene

Concen: 40.52 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

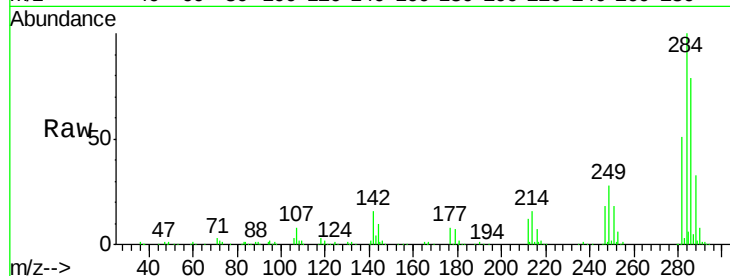
Tot Ion:284 Resp: 438484

Ion Ratio Lower Upper

284 100

142 16.4 47.9 71.9#

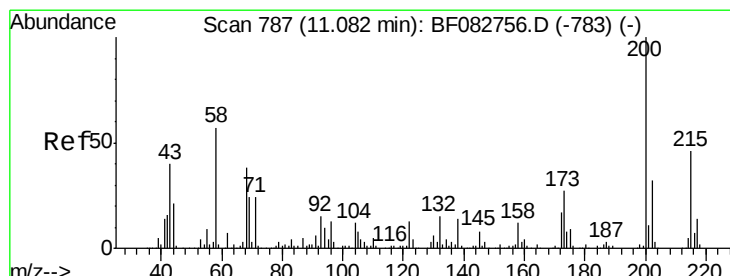
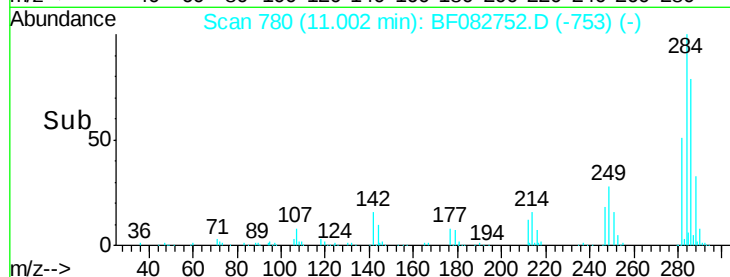
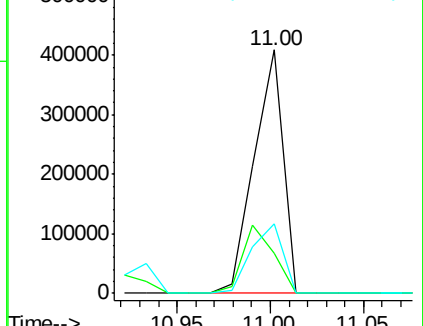
249 28.4 29.7 44.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.51 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

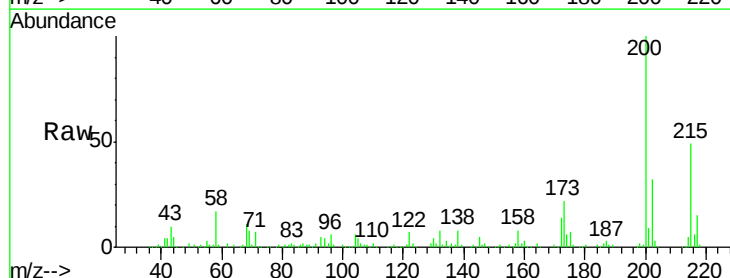
Tgt Ion:200 Resp: 355225

Ion Ratio Lower Upper

200 100

173 22.0 6.9 46.9

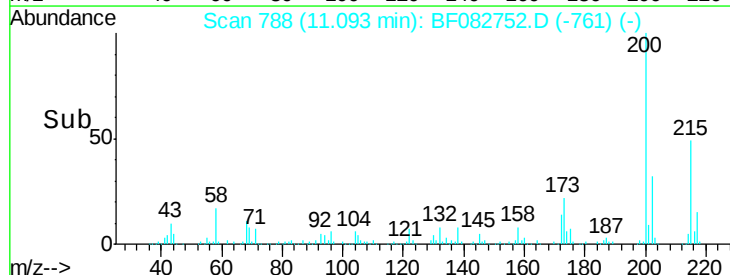
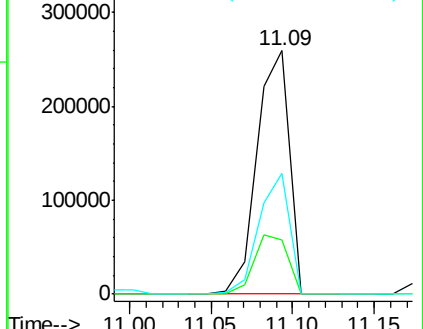
215 49.5 22.9 62.9



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

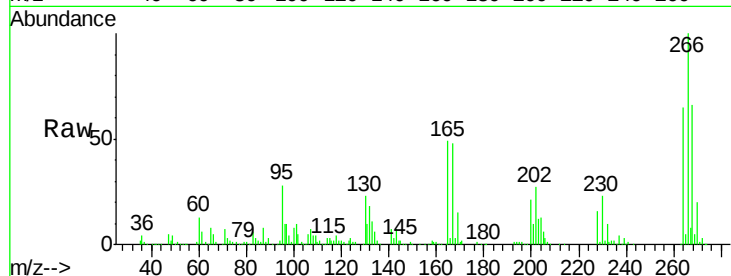




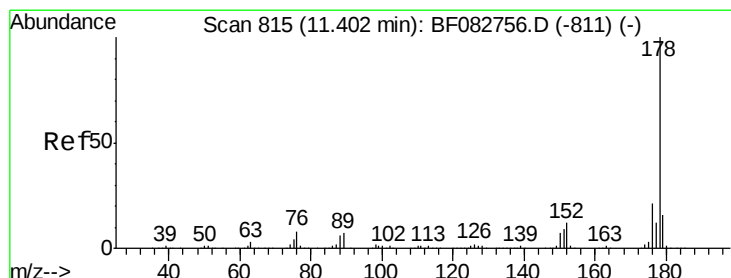
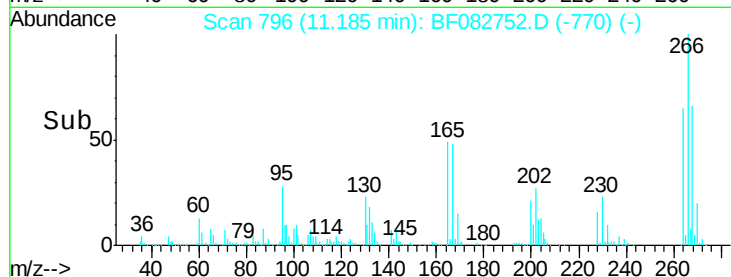
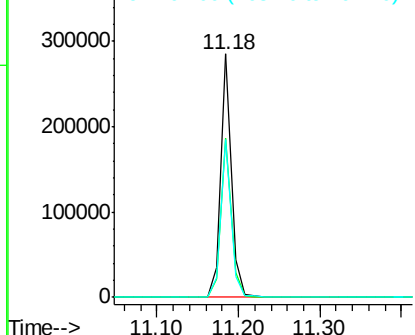
#69
 Pentachlorophenol
 Concen: 39.12 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 257079
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.0 76.6
 264 64.6 50.6 75.8

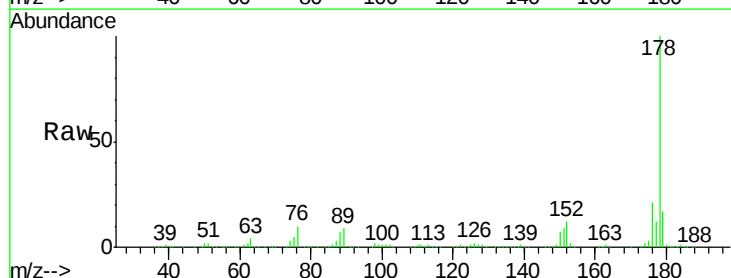


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

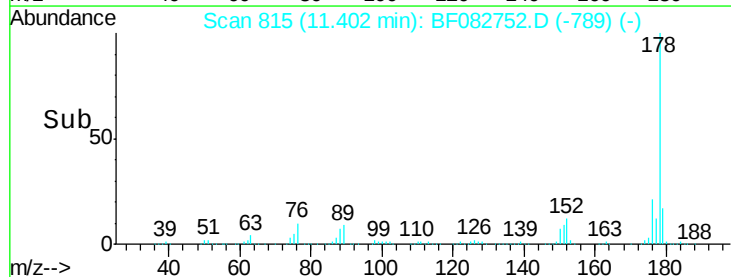
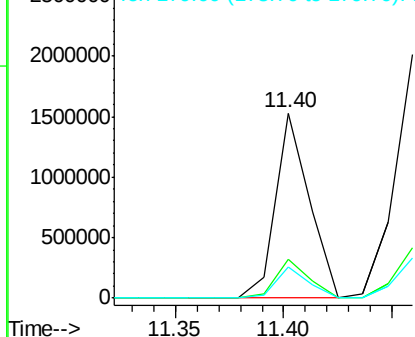


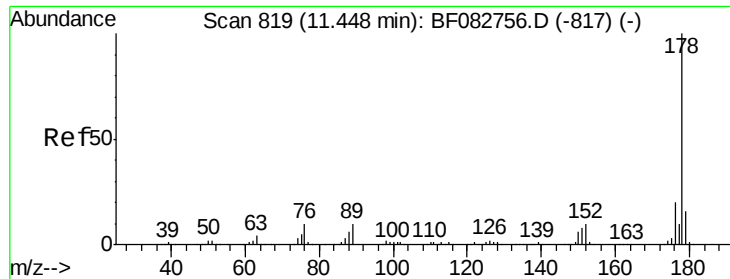
#70
 Phenanthrene
 Concen: 35.59 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:178 Resp: 1663304
 Ion Ratio Lower Upper
 178 100
 176 20.9 17.0 25.4
 179 16.9 13.4 20.0



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

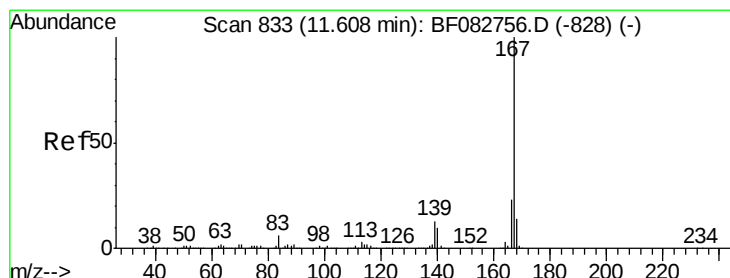
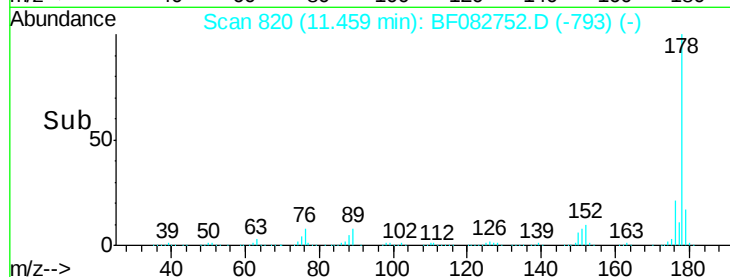
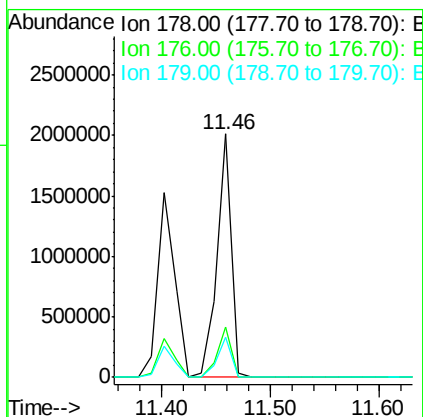
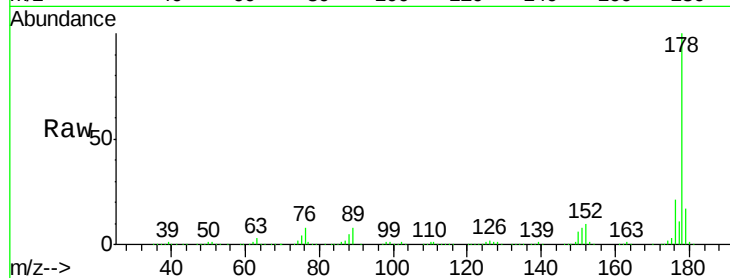




#71
 Anthracene
 Concen: 37.76 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

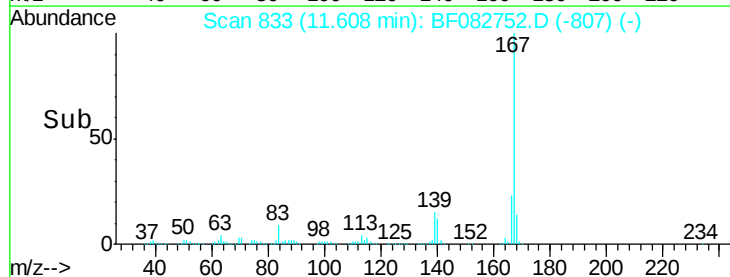
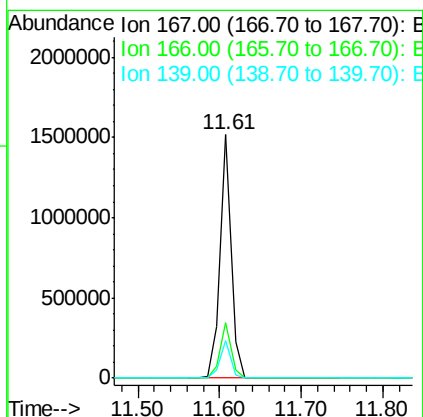
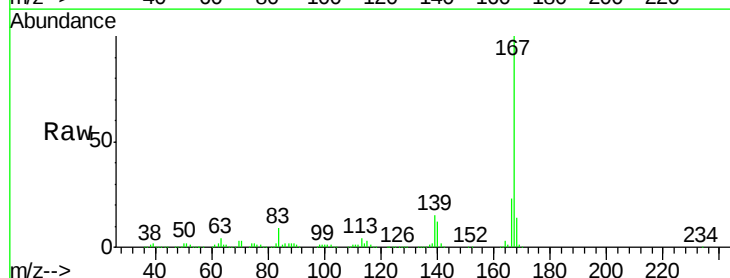
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

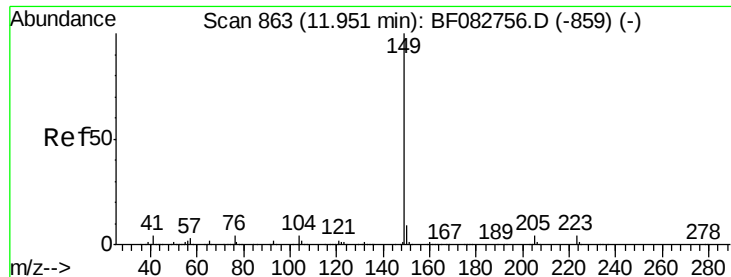
Tot Ion:178 Resp: 1859321
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 16.7 13.2 19.8



#72
 Carbazole
 Concen: 33.16 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:167 Resp: 1429212
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 15.2 11.8 17.6





#73

Di-n-butylphthalate

Concen: 38.63 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

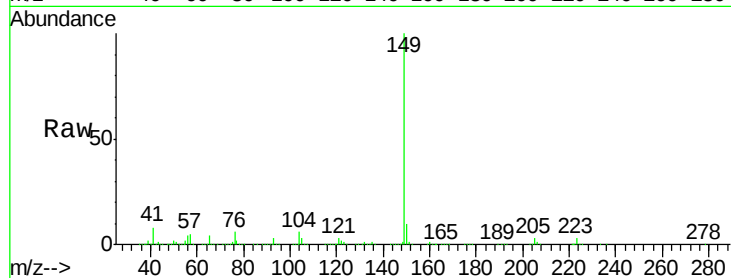
Tot Ion:149 Resp: 2074321

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

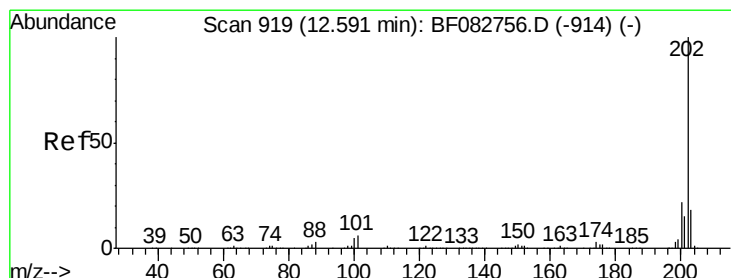
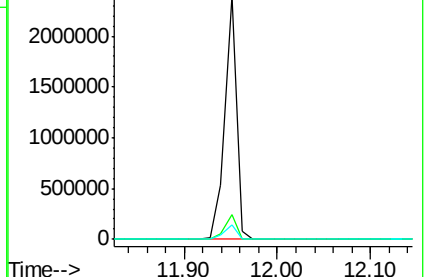
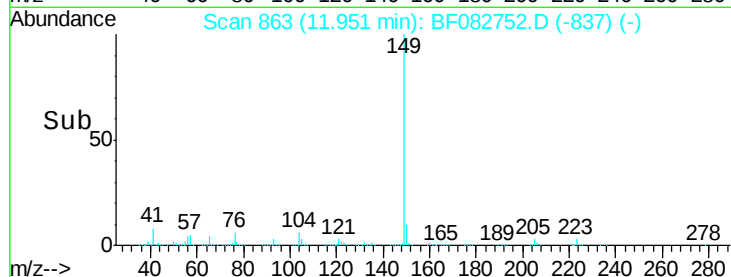
104 5.9 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.26 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

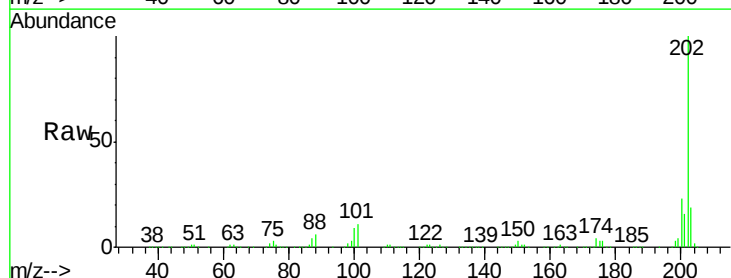
Tgt Ion:202 Resp: 1718591

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.5

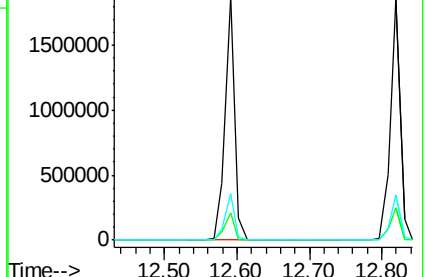
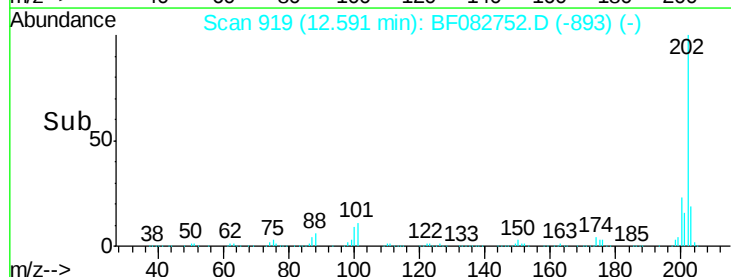
203 18.9 0.0 38.5

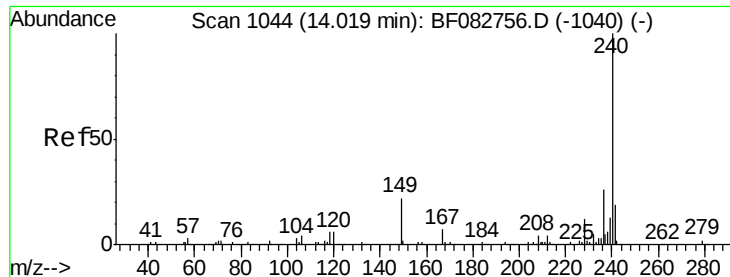


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

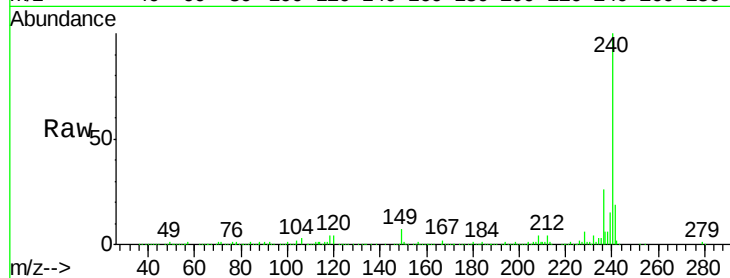
Tot Ion:240 Resp: 701452

Ion Ratio Lower Upper

240 100

120 4.3 10.9 16.3#

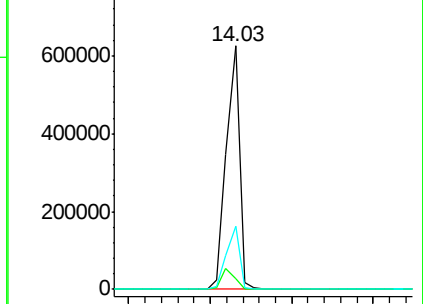
236 26.1 21.6 32.4



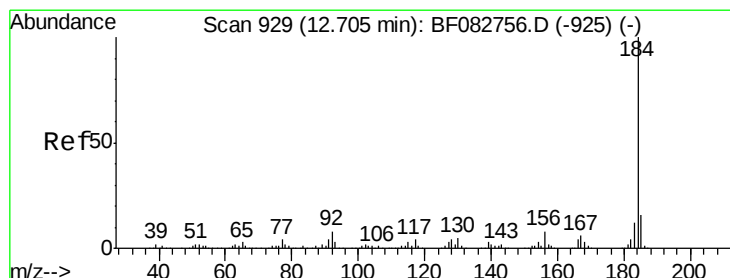
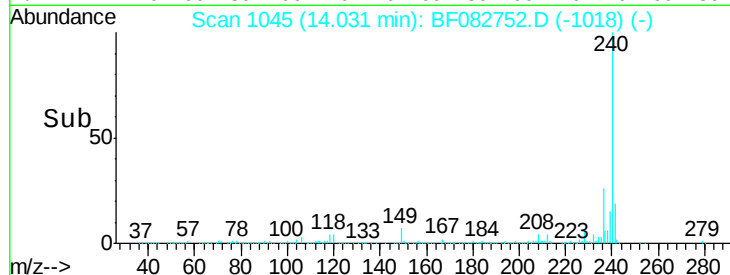
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10 14.20



#76

Benzidine

Concen: 39.49 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

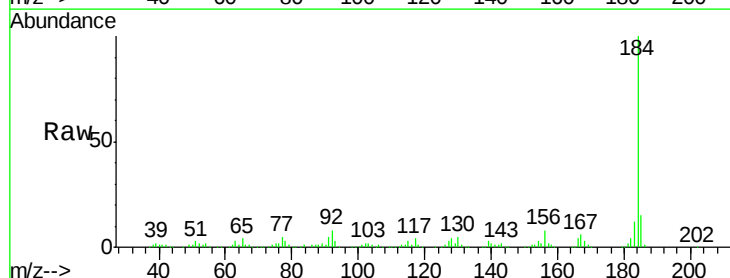
Tgt Ion:184 Resp: 928319

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

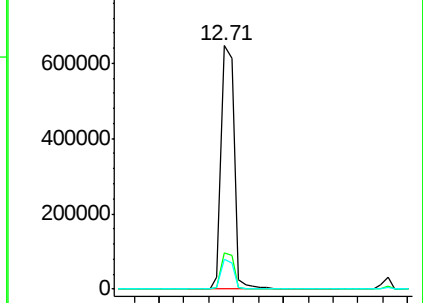
183 12.1 9.6 14.4



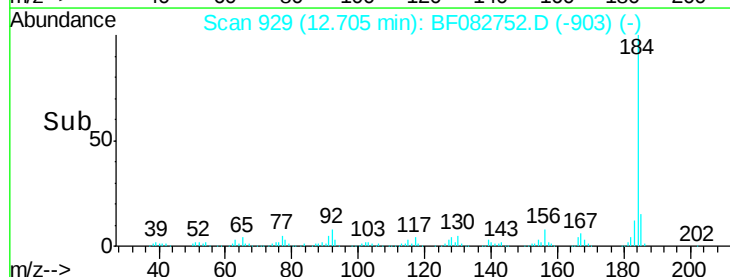
Abundance Ion 184.00 (183.70 to 184.70): E

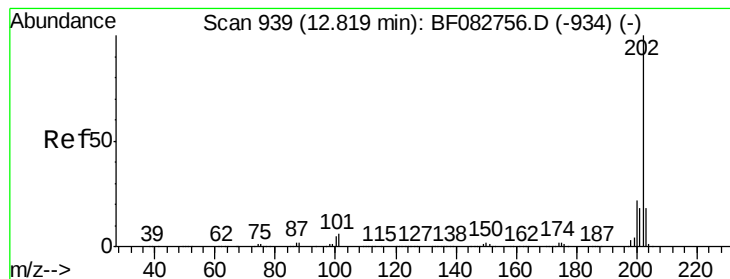
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.80





#77

Pvrene

Concen: 36.26 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

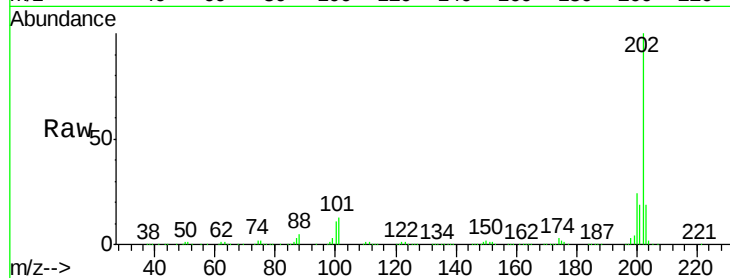
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1746936

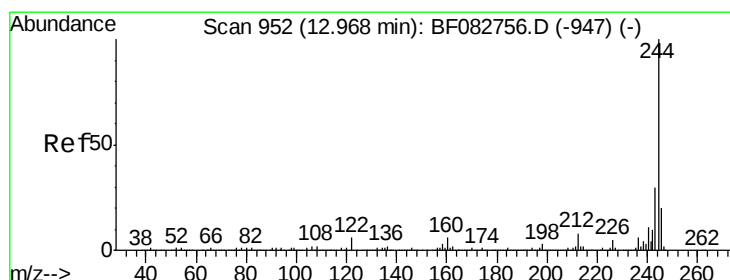
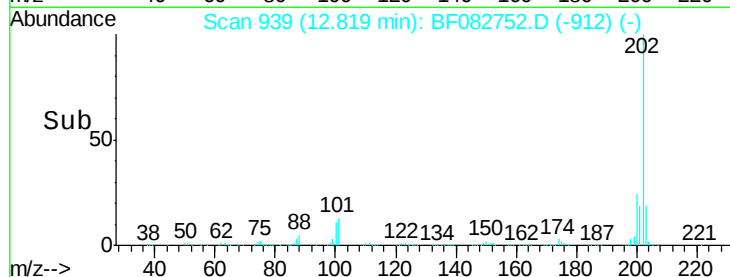
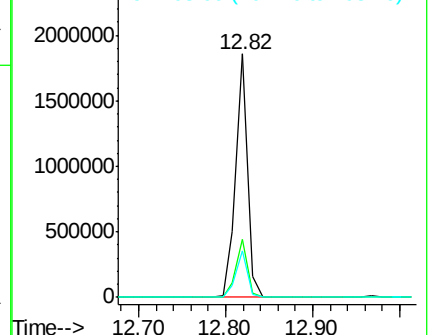
Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.7	28.1
203	18.9	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.65 ng

RT: 12.97 min Scan# 952

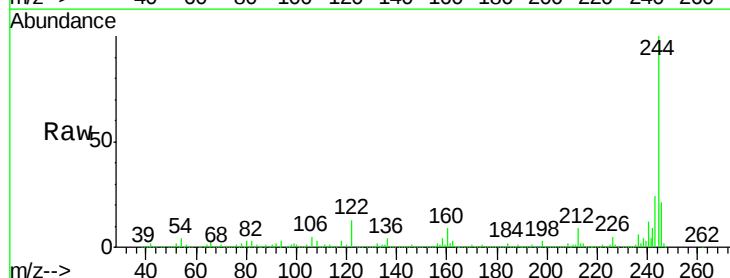
Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Tgt Ion:244 Resp: 2089457

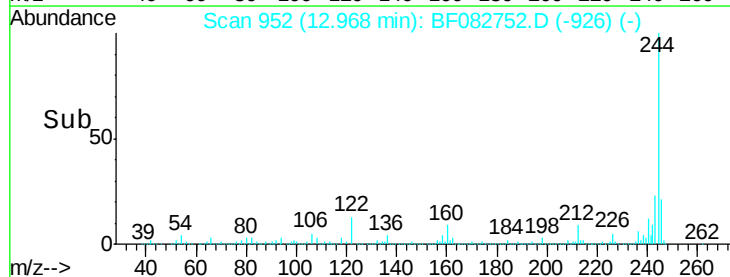
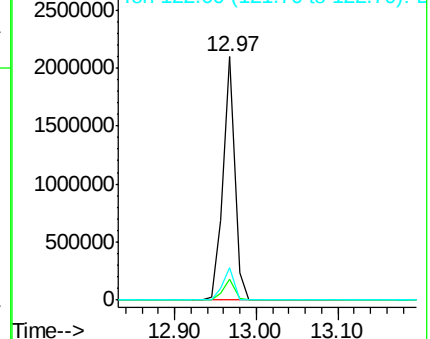
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	13.4	11.3	16.9

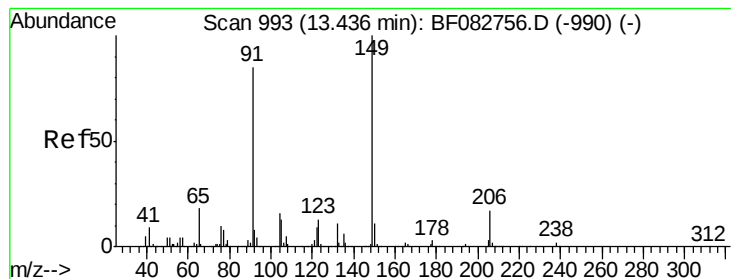


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.18 ng

RT: 13.45 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

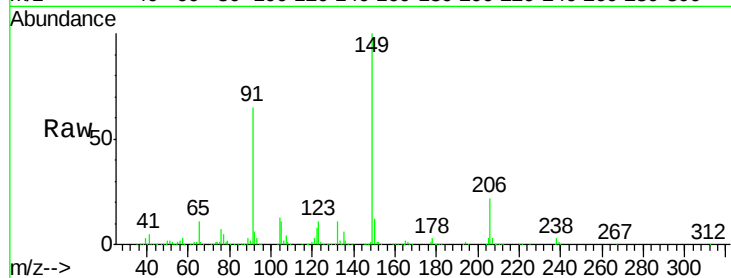
Tot Ion:149 Resp: 961532

Ion Ratio Lower Upper

149 100

91 65.2 67.7 101.5#

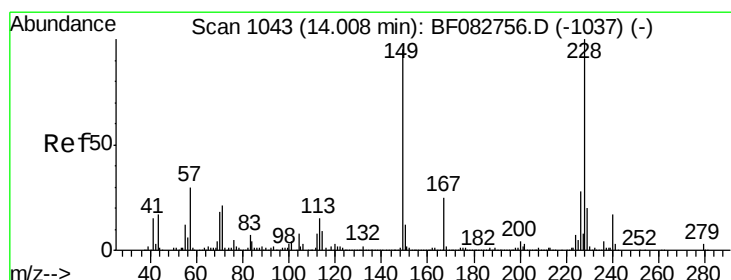
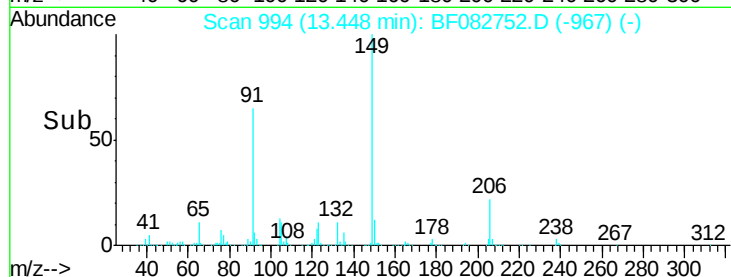
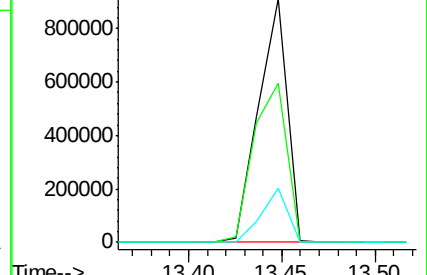
206 22.3 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.84 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

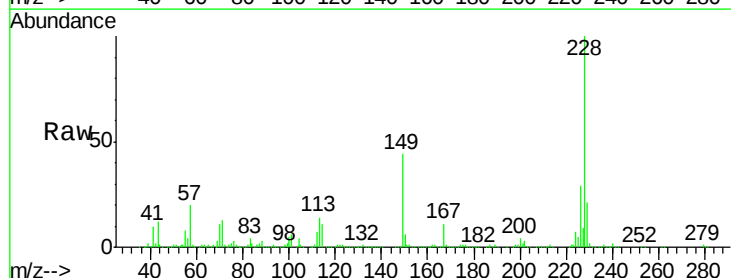
Tgt Ion:228 Resp: 1659716

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

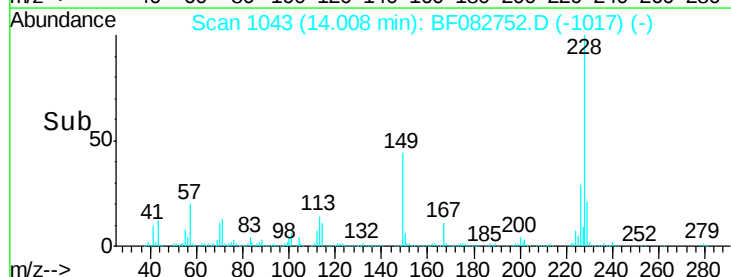
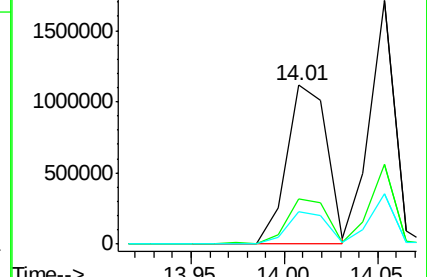
229 20.7 16.3 24.5

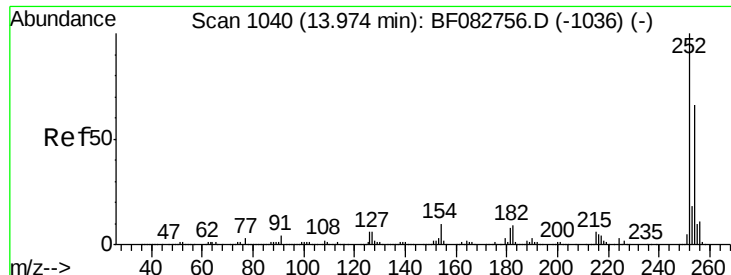


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

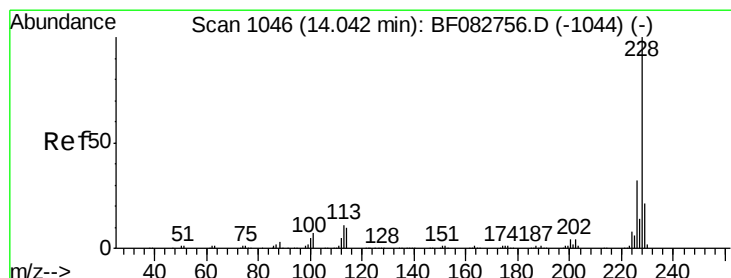
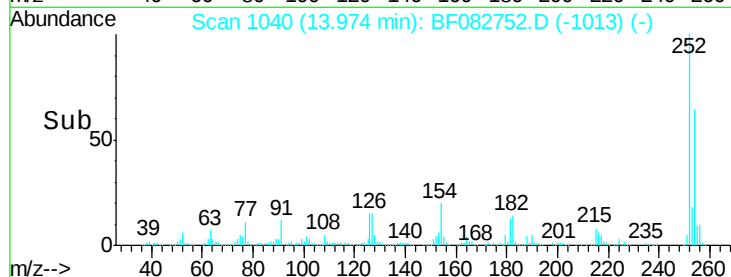
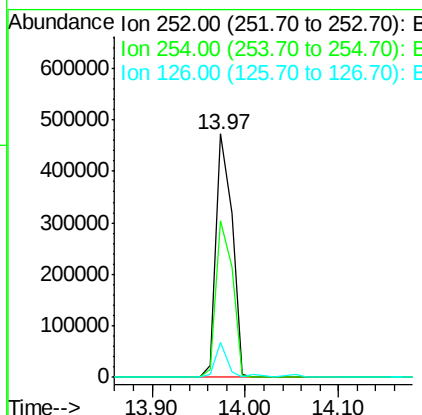
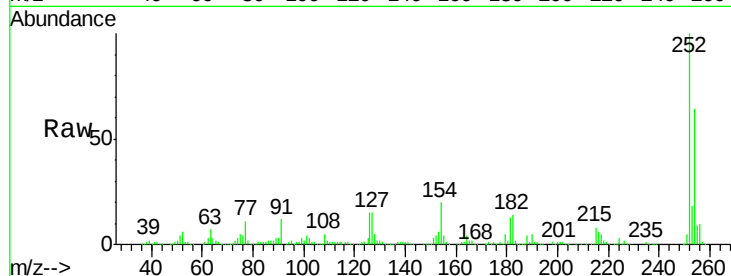




#81
 3,3'-Dichlorobenzidine
 Concen: 36.28 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

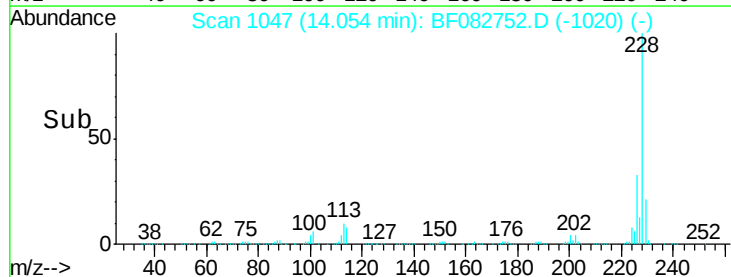
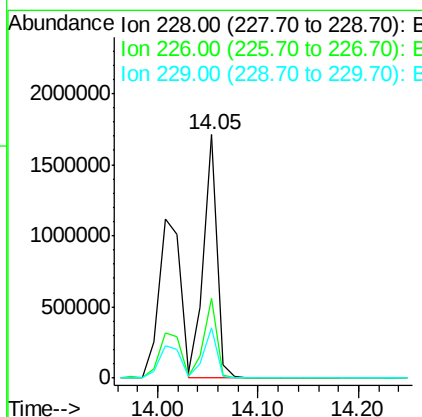
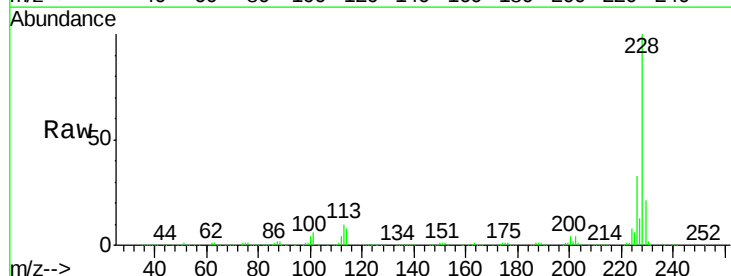
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

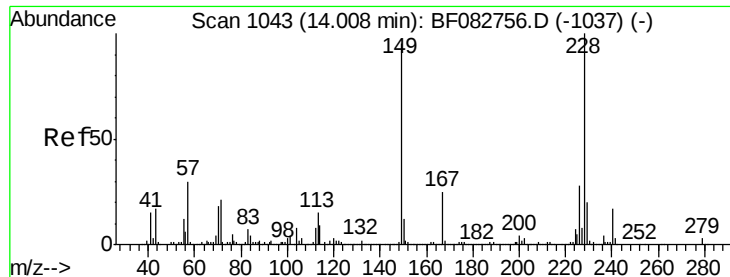
Tot Ion:252 Resp: 565803
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.0
 126 14.6 10.7 16.1



#82
 Chrysene
 Concen: 39.56 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:228 Resp: 1589531
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.5 38.3
 229 20.6 16.3 24.5

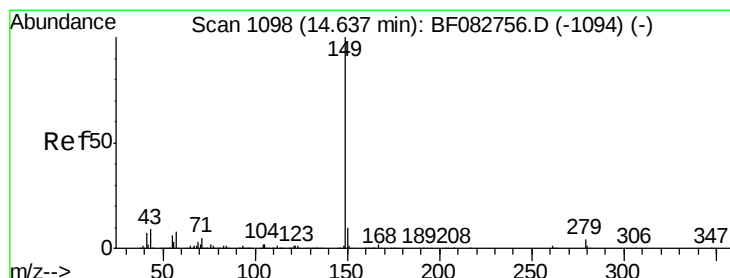
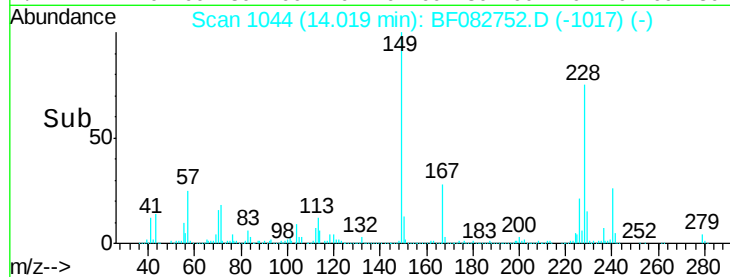
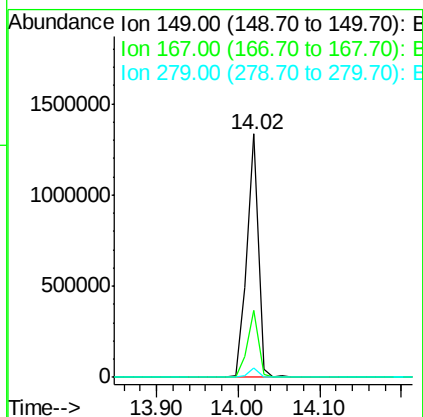
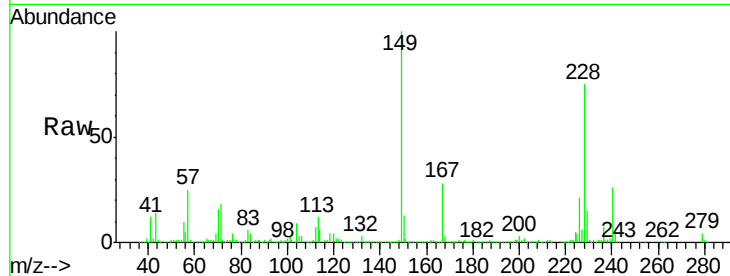




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.57 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

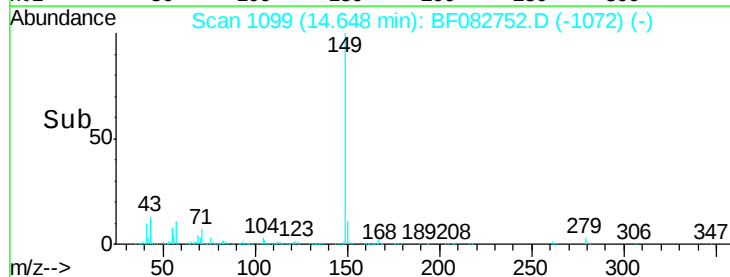
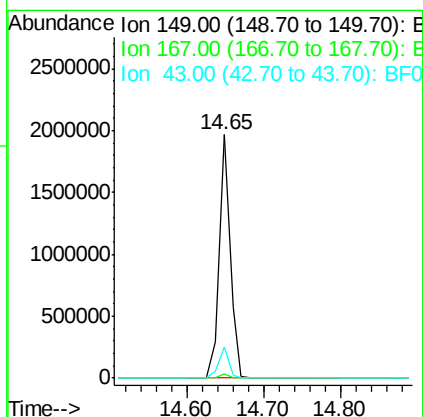
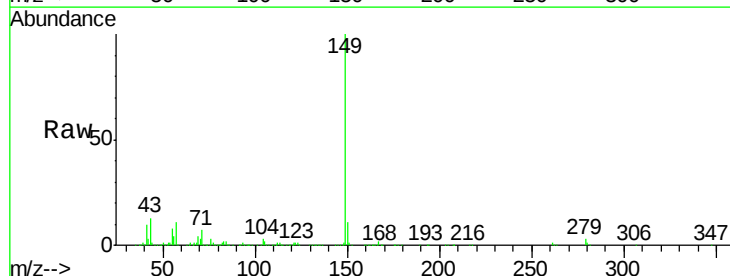
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

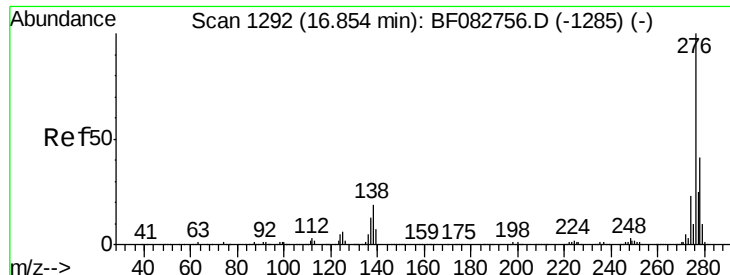
Tot Ion:149 Resp: 1298184
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.2 31.8
 279 3.7 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 40.33 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:149 Resp: 1959497
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.0 10.1 15.1



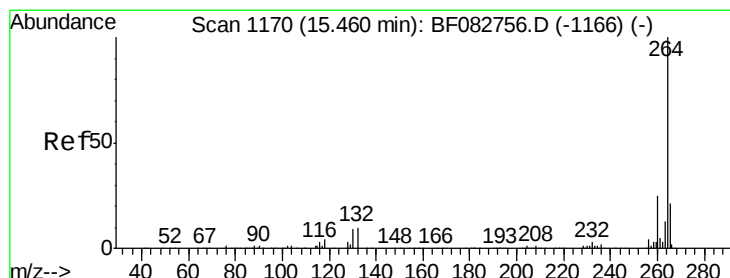
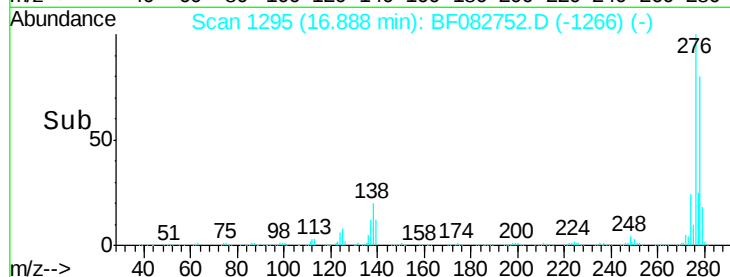
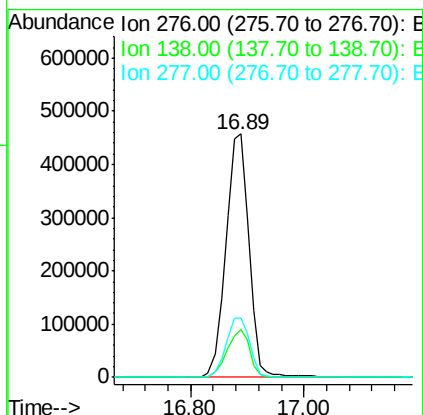
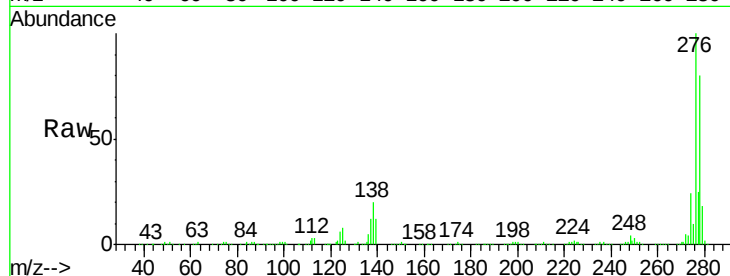


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.67 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. 0.03 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1303516

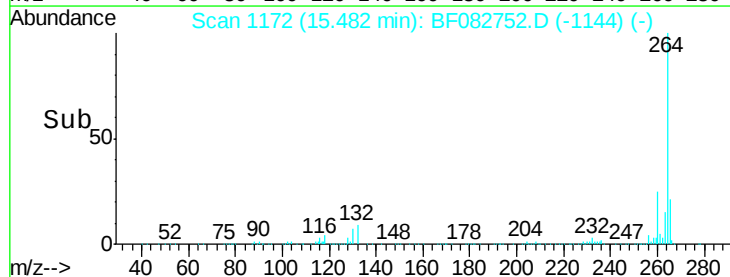
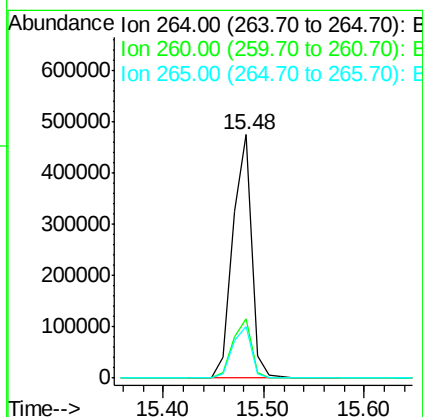
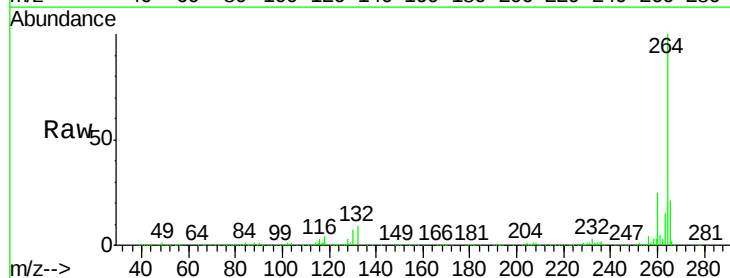
Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.3	22.9
277	25.4	20.2	30.4

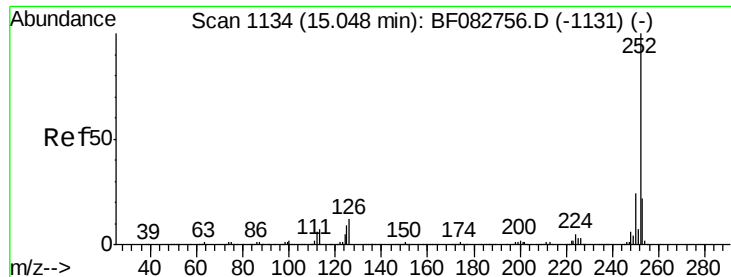


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. 0.02 min
 Lab File: BF082752.D
 Acq: 6 Nov 2015 10:20

Tgt Ion:264 Resp: 617227

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.4	17.4	26.0

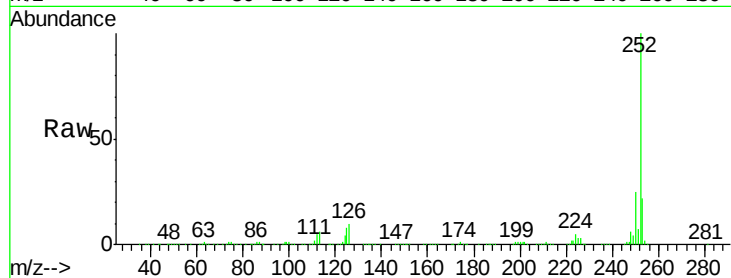




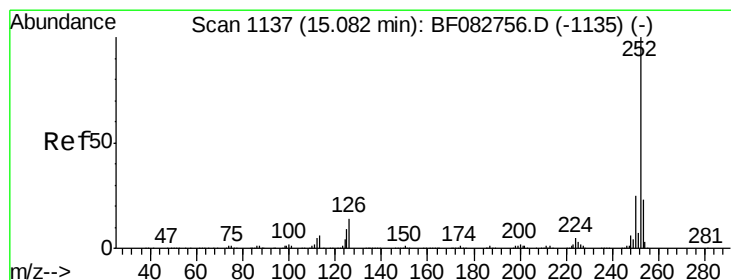
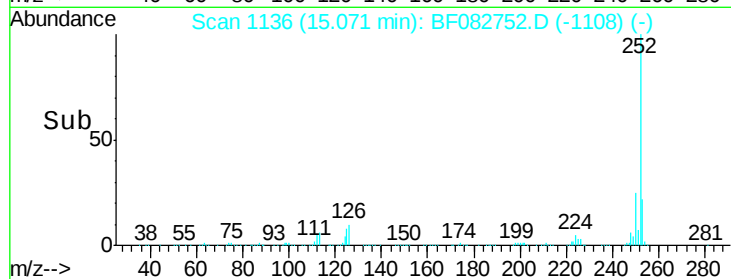
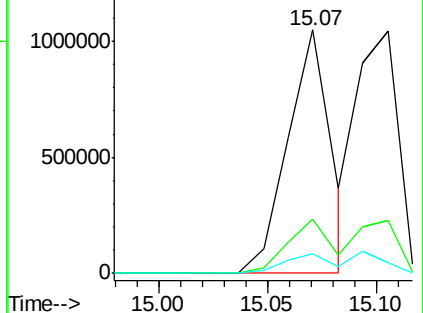
#87
Benzo(b)fluoranthene
Concen: 36.53 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.02 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1447203
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.8 5.4 8.2

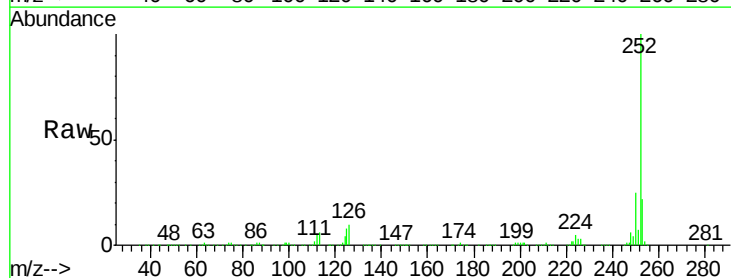


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

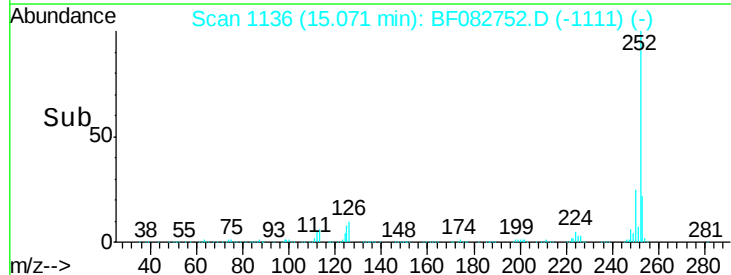
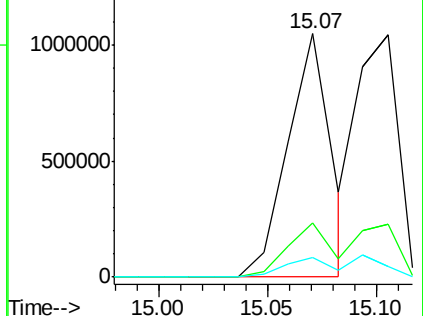


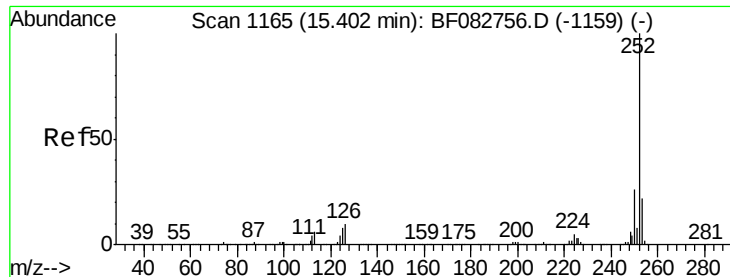
#88
Benzo(k)fluoranthene
Concen: 41.18 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF082752.D
Acq: 6 Nov 2015 10:20

Tgt Ion:252 Resp: 1447203
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.8 3.5 5.3#



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





#89

Benzo(a)pyrene

Concen: 37.55 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.02 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

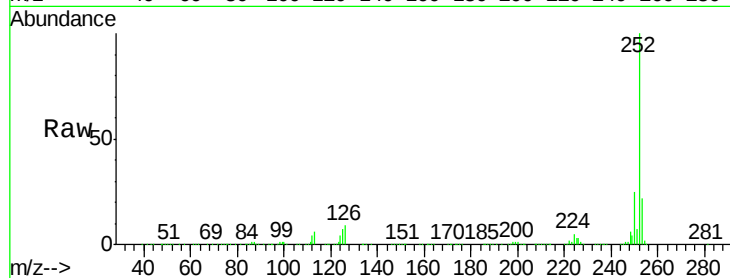
Tot Ion:252 Resp: 1289014

Ion Ratio Lower Upper

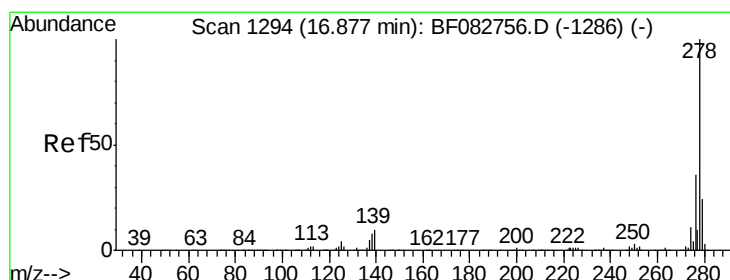
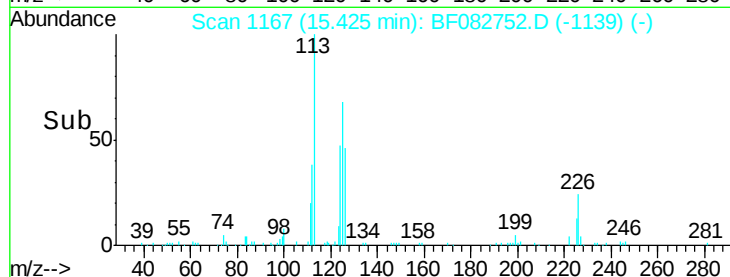
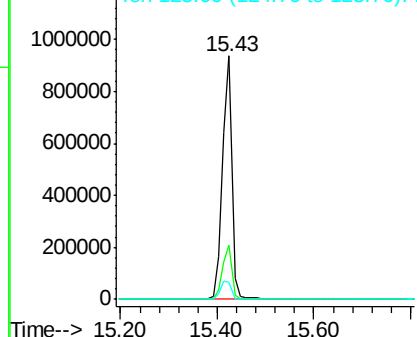
252 100

253 22.1 17.3 25.9

125 7.0 7.1 10.7#



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



#90

Dibenzo(a,h)anthracene

Concen: 37.57 ng

RT: 16.90 min Scan# 1296

Delta R.T. 0.03 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

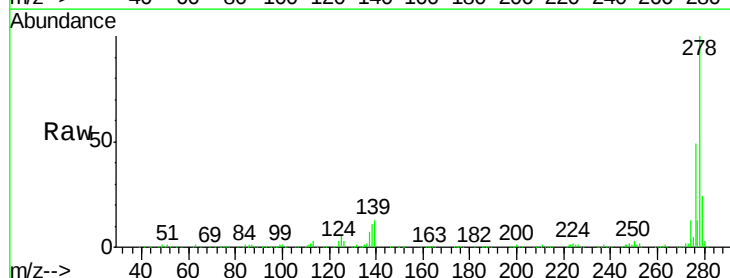
Tgt Ion:278 Resp: 1091947

Ion Ratio Lower Upper

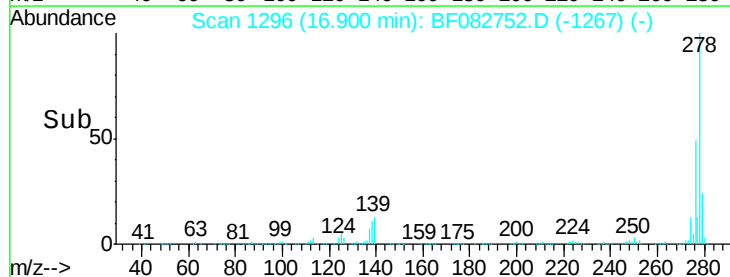
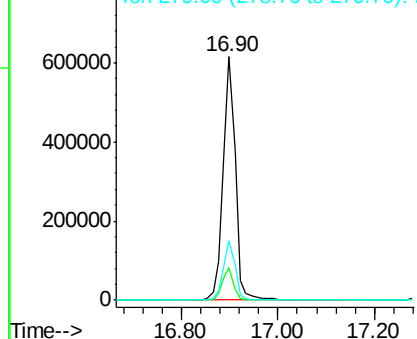
278 100

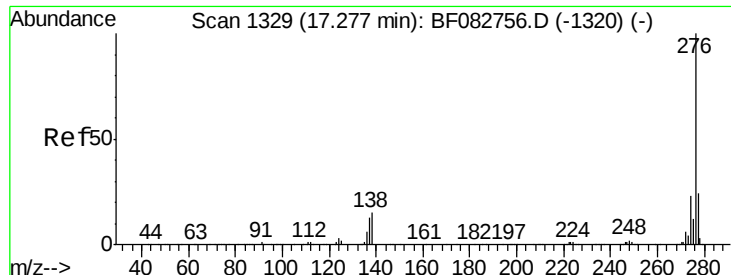
139 13.1 9.9 14.9

279 24.1 19.6 29.4



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





#91

Benzo(a,h,i)perylene

Concen: 36.49 ng

RT: 17.30 min Scan# 1331

Delta R.T. 0.03 min

Lab File: BF082752.D

Acq: 6 Nov 2015 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1015867

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 18.8 13.1 19.7

