

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086306.D
 Acq On : 20 Apr 2016 13:35
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 20 19:27:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	257119	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1051013	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	472656	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	763947	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	438364	20.00	ng	-0.03
86) Perylene-d12	15.45	264	471890	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1174996	79.73	ng	-0.03
7) Phenol-d6	6.50	99	1499147	77.74	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1434279	78.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	294401	79.91	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2035505	81.57	ng	-0.03
78) Terphenyl-d14	12.97	244	1382045	75.05	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	314301	39.37	ng	97
3) Pyridine	3.20	79	794007	38.85	ng	96
4) n-Nitrosodimethylamine	3.14	42	292883	41.59	ng	# 71
6) Aniline	6.52	93	1026623	39.56	ng	94
8) 2-Chlorophenol	6.65	128	661876	37.81	ng	88
9) Benzaldehyde	6.41	77	546743	40.00	ng	94
10) Phenol	6.51	94	888870	40.22	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	751930	38.95	ng	90
12) 1,3-Dichlorobenzene	6.88	146	765175	39.84	ng	98
13) 1,4-Dichlorobenzene	6.88	146	777220	37.87	ng	98
14) 1,2-Dichlorobenzene	7.04	146	690836	37.95	ng	97
15) Benzyl Alcohol	7.00	79	483363	40.34	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1098147	40.43	ng	90
17) 2-Methylphenol	7.12	107	569219	38.91	ng	98
18) Hexachloroethane	7.38	117	251408	41.10	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	458657	39.26	ng	99
20) 3+4-Methylphenols	7.28	107	599370	37.77	ng	# 78
22) Acetophenone	7.28	105	817356	37.02	ng	# 87
24) Nitrobenzene	7.45	77	742147	37.80	ng	94
25) Isophorone	7.69	82	1310359	37.69	ng	99
26) 2-Nitrophenol	7.77	139	388272	44.21	ng	# 77
27) 2,4-Dimethylphenol	7.80	122	653750	37.96	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	819282	40.29	ng	99
29) 2,4-Dichlorophenol	8.01	162	551318	40.59	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	565496	38.59	ng	97
31) Naphthalene	8.17	128	2006866	40.06	ng	99
32) Benzoic acid	7.93	122	428656	41.88	ng	94
33) 4-Chloroaniline	8.22	127	835681	40.30	ng	94
34) Hexachlorobutadiene	8.29	225	273890	37.09	ng	98
35) Caprolactam	8.60	113	187436	42.62	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	621038	40.66	ng	99
37) 2-Methylnaphthalene	8.86	142	1194322	38.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	479358	38.10	ng	96
40) Hexachlorocyclopentadiene	9.01	237	117061	38.89	ng	99

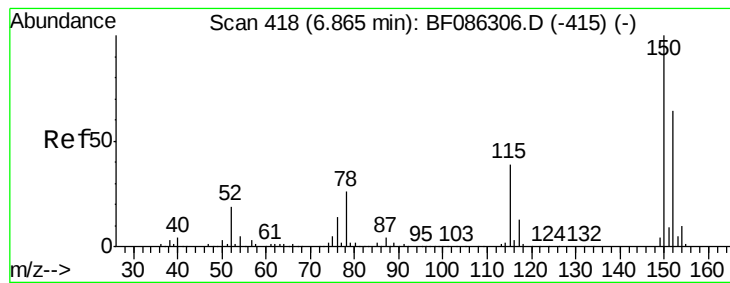
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	340776	39.05	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	371938	39.13	nq	97
45) 1,1'-Biphenyl	9.33	154	1431105	38.55	nq	96
46) 2-Chloronaphthalene	9.36	162	1151742	40.95	nq	93
47) 2-Nitroaniline	9.45	65	386245	40.40	nq	# 85
48) Acenaphthylene	9.77	152	1758940	40.05	nq	99
49) Dimethylphthalate	9.63	163	1322754	36.76	nq	100
50) 2,6-Dinitrotoluene	9.69	165	293546	39.64	nq	# 75
51) Acenaphthene	9.94	154	1025271	39.79	nq	100
52) 3-Nitroaniline	9.86	138	376916	40.03	nq	90
53) 2,4-Dinitrophenol	9.96	184	59424	41.89	nq	# 69
54) Dibenzofuran	10.11	168	1406172	40.14	nq	97
55) 4-Nitrophenol	10.02	139	231718	39.68	nq	# 77
56) 2,4-Dinitrotoluene	10.09	165	362924	39.43	nq	# 71
57) Fluorene	10.45	166	1052341	40.53	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	265152	41.57	nq	97
59) Diethylphthalate	10.33	149	1312189	37.37	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	457862	38.08	nq	92
61) 4-Nitroaniline	10.46	138	341894	38.79	nq	89
62) Azobenzene	10.60	77	1320475	38.15	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	96958	41.32	nq	# 60
65) n-Nitrosodiphenylamine	10.57	169	998904	39.69	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	305004	37.16	nq	# 87
67) Hexachlorobenzene	11.00	284	316841	38.46	nq	# 71
68) Atrazine	11.09	200	308868	39.93	nq	97
69) Pentachlorophenol	11.18	266	173522	40.21	nq	96
70) Phenanthrene	11.41	178	1444255	39.89	nq	99
71) Anthracene	11.46	178	1487055	38.36	nq	99
72) Carbazole	11.62	167	1422478	38.77	nq	98
73) Di-n-butylphthalate	11.95	149	1872820	39.65	nq	100
74) Fluoranthene	12.59	202	1234406	36.78	nq	99
76) Benzidine	12.72	184	727897	37.61	nq	98
77) Pyrene	12.82	202	1206847	37.11	nq	99
79) Butylbenzylphthalate	13.45	149	695204	40.50	nq	99
80) Benzo(a)anthracene	14.01	228	919347	39.81	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	603453	37.78	nq	100
82) Chrysene	14.04	228	903214	36.19	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	793901	39.49	nq	100
84) Di-n-octyl phthalate	14.61	149	1420118	39.20	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1024986	39.94	nq	96
87) Benzo(b)fluoranthene	15.04	252	1979075	72.51	nq	99
88) Benzo(k)fluoranthene	15.04	252	1981526	86.24	nq	# 97
89) Benzo(a)pyrene	15.39	252	978550	38.90	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	865360	39.41	nq	98
91) Benzo(g,h,i)perylene	17.25	276	832740	39.55	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

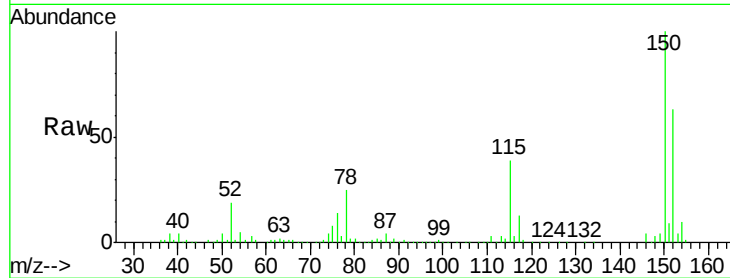
Tot Ion:152 Resp: 257119

Ion Ratio Lower Upper

152 100

150 158.4 124.1 186.1

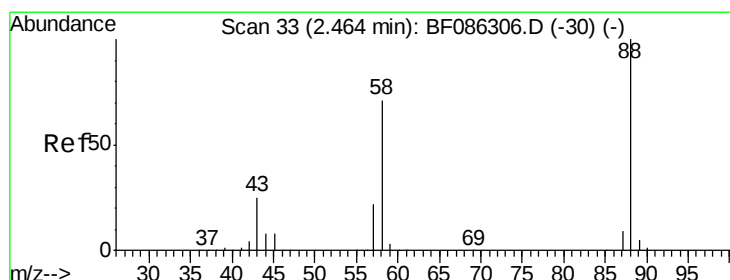
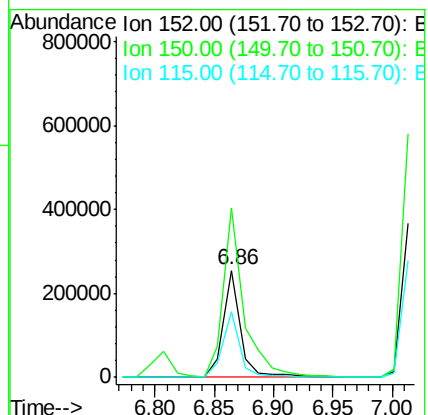
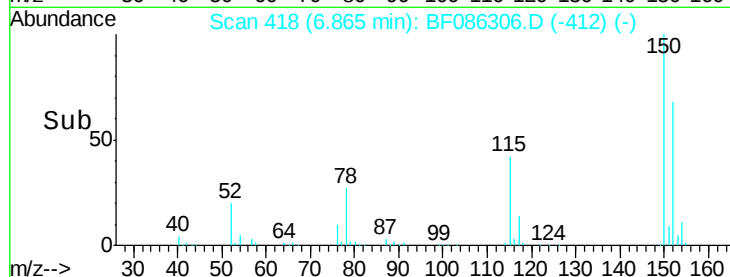
115 61.7 43.9 65.9



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: 39.37 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.05 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

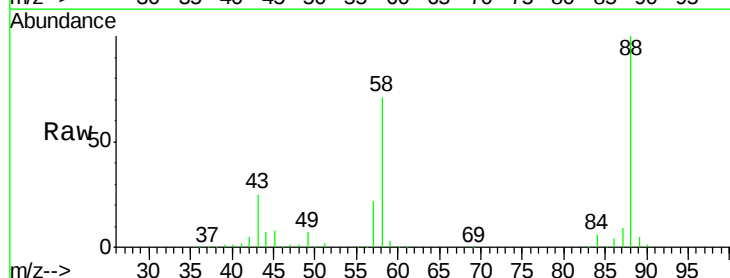
Tgt Ion: 88 Resp: 314301

Ion Ratio Lower Upper

88 100

58 74.7 58.4 87.6

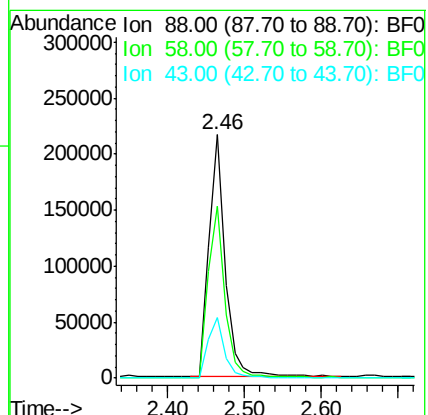
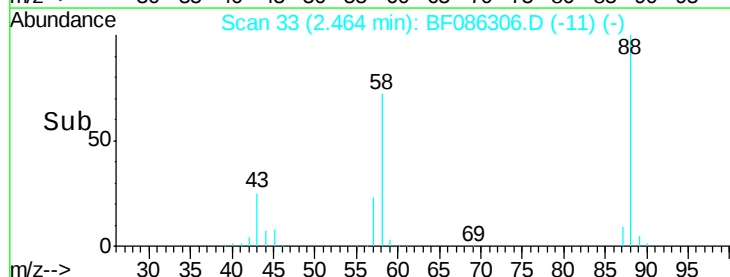
43 26.5 23.3 34.9

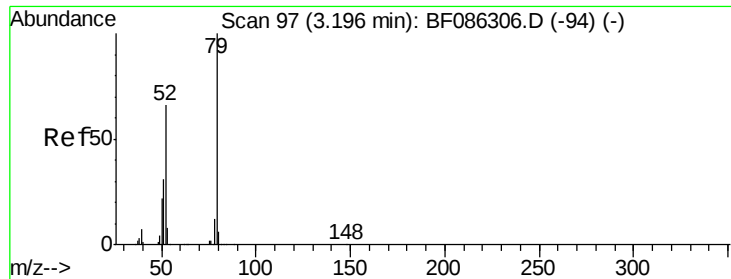


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

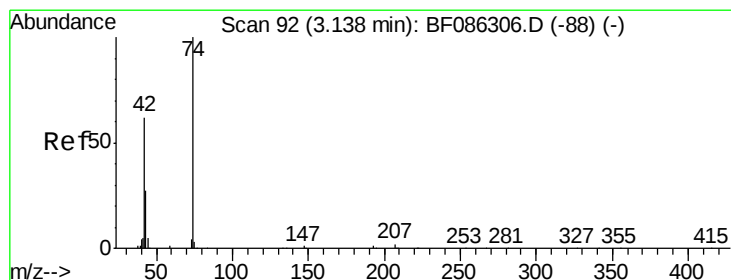
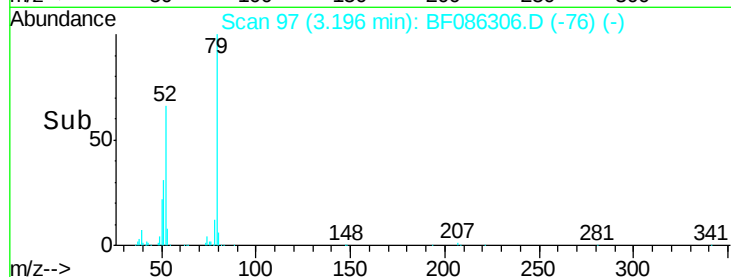
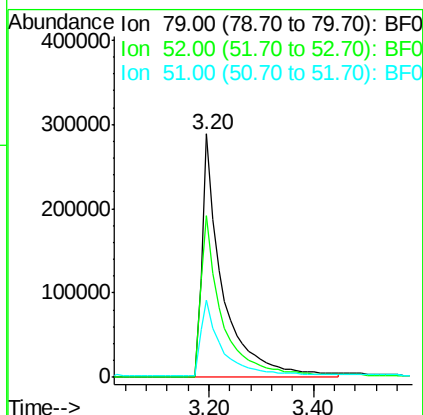
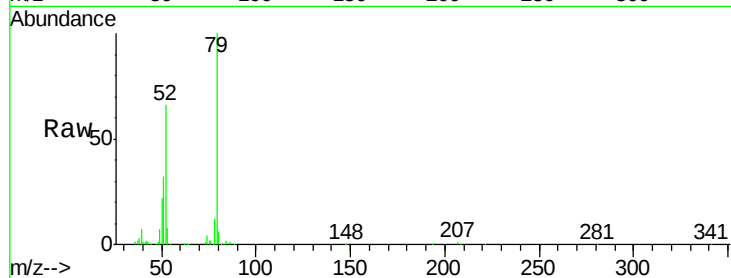




#3
 Pvridine
 Concen: 38.85 ng
 RT: 3.20 min Scan# 97
 Delta R.T. -0.06 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

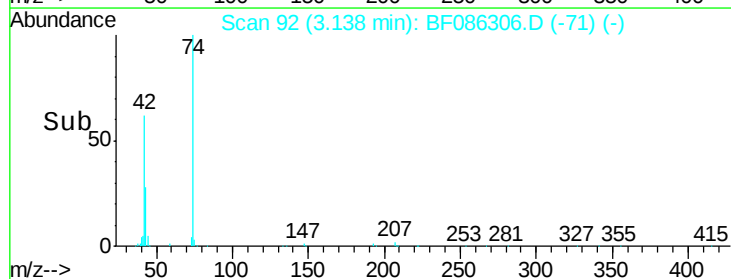
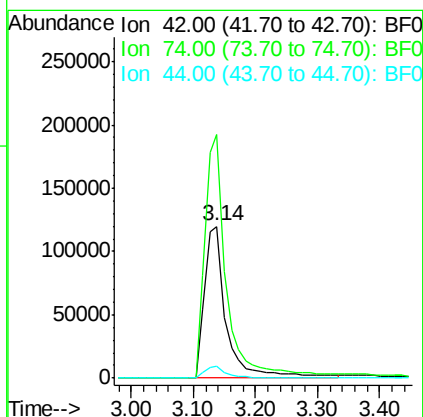
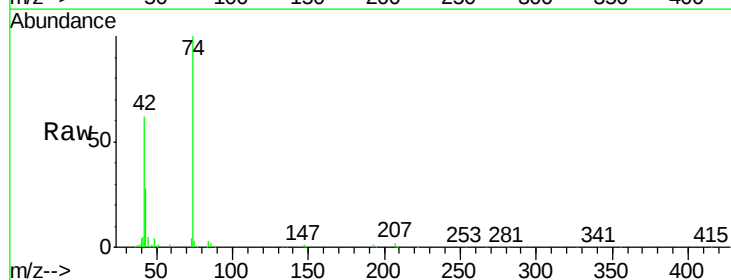
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

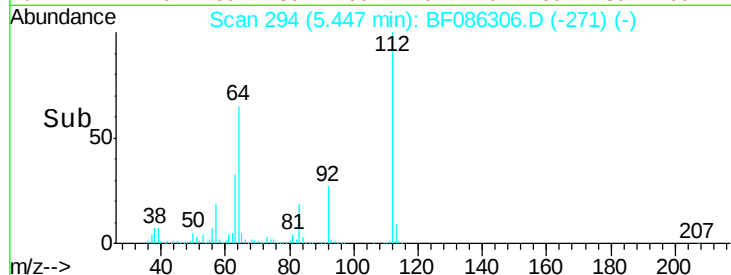
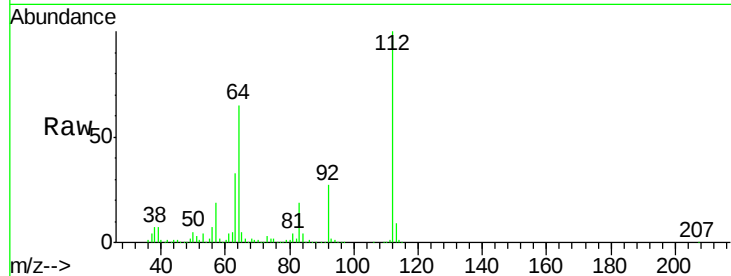
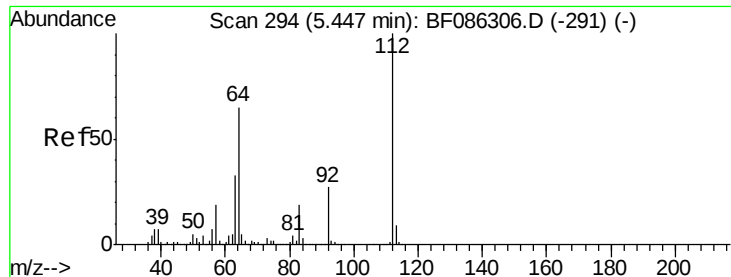
Tot Ion	Ratio	Lower	Upper
79	100		
52	66.2	55.4	83.2
51	31.8	28.1	42.1



#4
 n-Nitrosodimethylamine
 Concen: 41.59 ng
 RT: 3.14 min Scan# 92
 Delta R.T. -0.06 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.1	100.5	150.7#
44	7.6	5.4	8.0





#5

2-Fluorophenol

Concen: 79.73 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

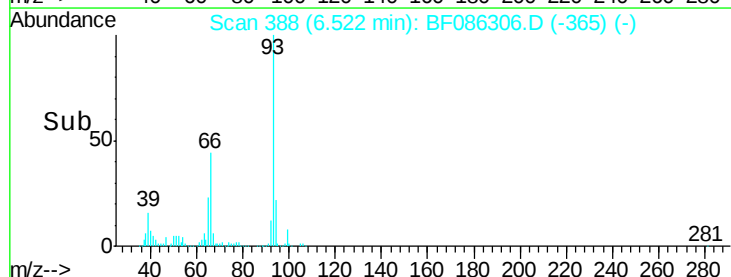
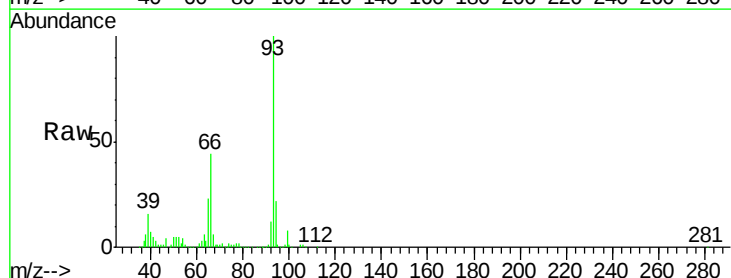
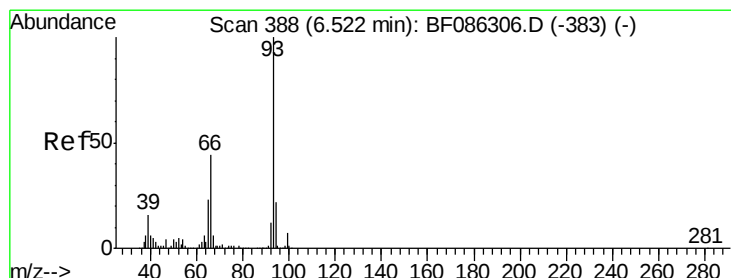
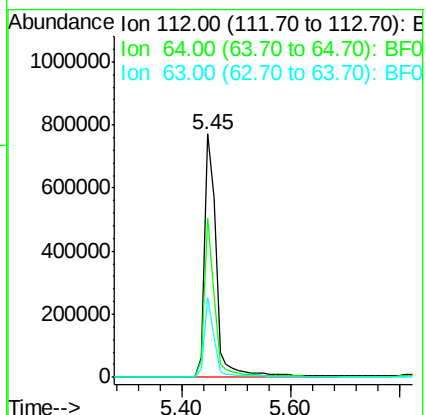
Tot Ion:112 Resp: 1174996

Ion Ratio Lower Upper

112 100

64 65.3 48.1 72.1

63 32.8 25.5 38.3



#6

Aniline

Concen: 39.56 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

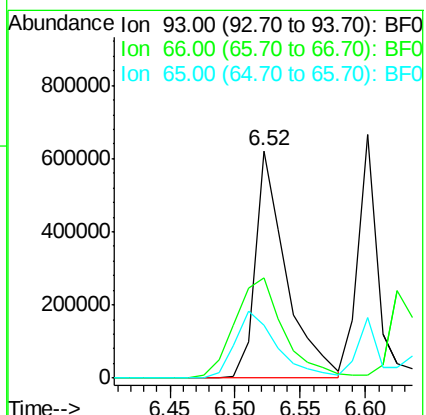
Tgt Ion: 93 Resp: 1026623

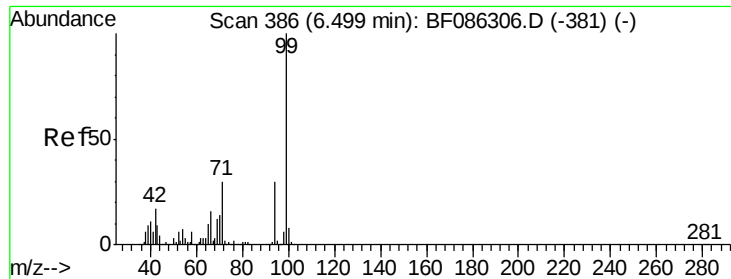
Ion Ratio Lower Upper

93 100

66 44.3 32.2 48.2

65 23.3 16.4 24.6





#7

Phenol-d6

Concen: 77.74 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

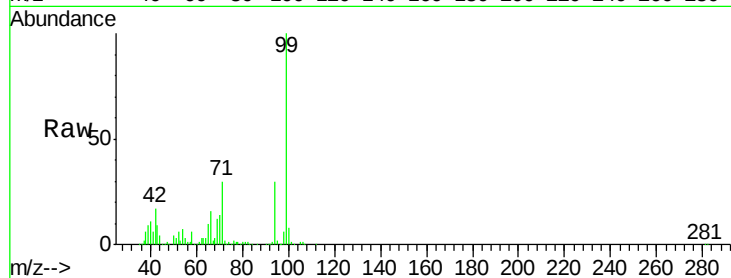
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1499147

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.4	23.2
71	29.8	25.6	38.4

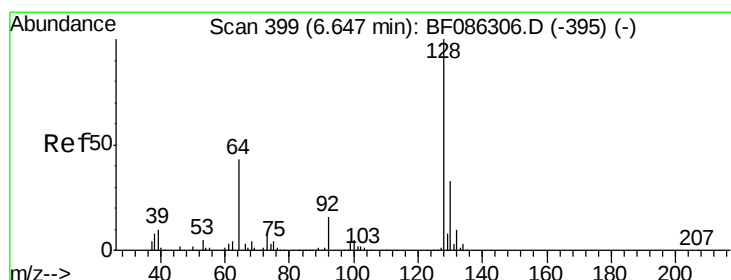
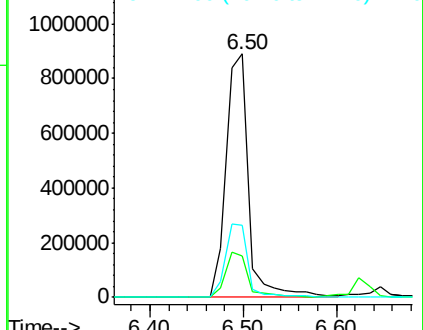
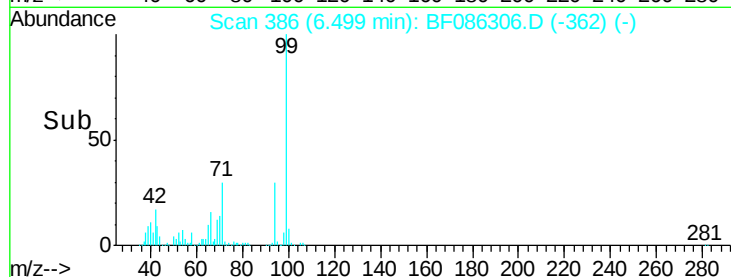


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.81 ng

RT: 6.65 min Scan# 399

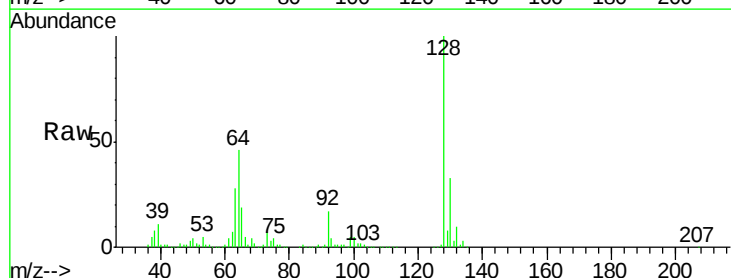
Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Tgt Ion: 128 Resp: 661876

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.8	51.8
64	45.9	39.5	79.5

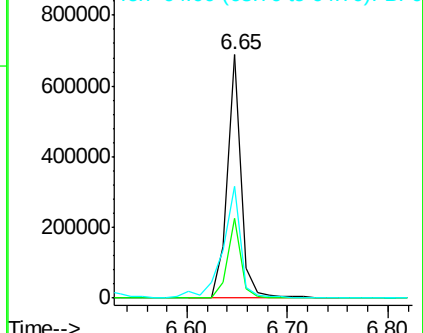
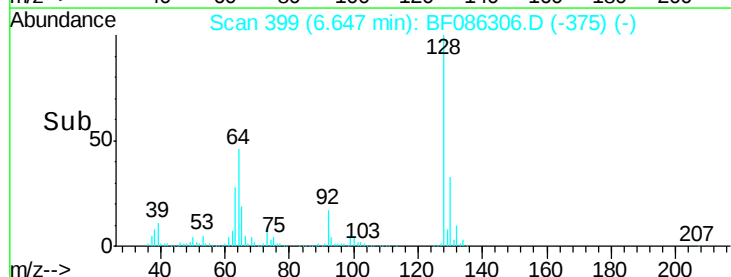


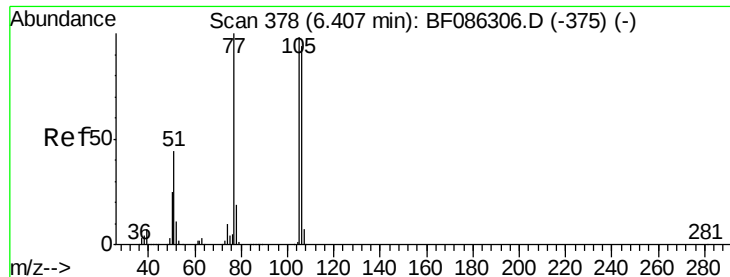
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.00 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

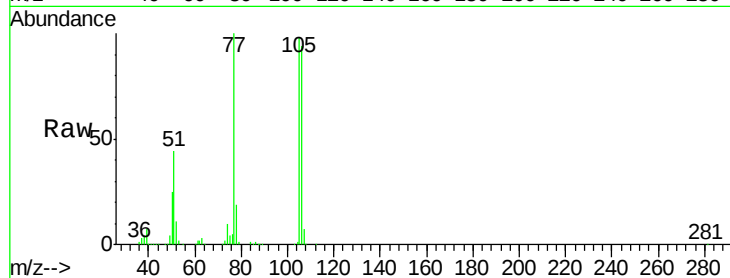
Tot Ion: 77 Resp: 546743

Ion Ratio Lower Upper

77 100

105 97.6 84.6 124.6

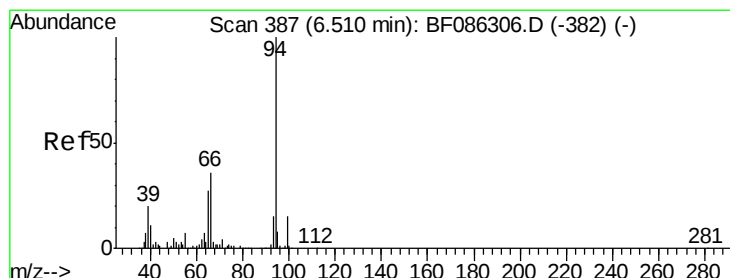
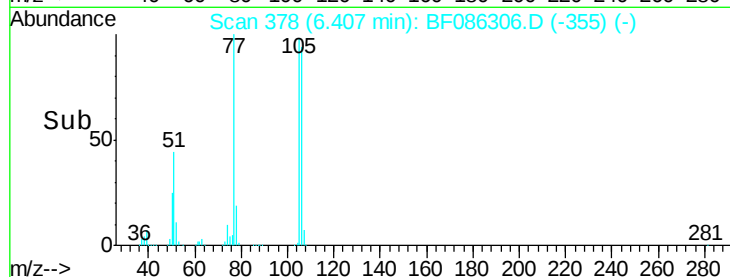
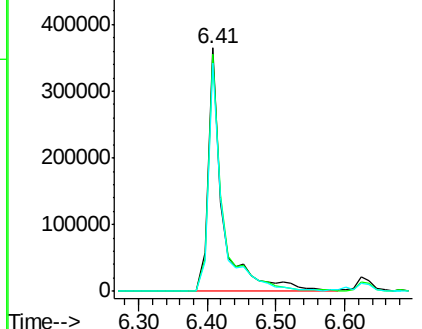
106 93.5 78.6 118.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.22 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

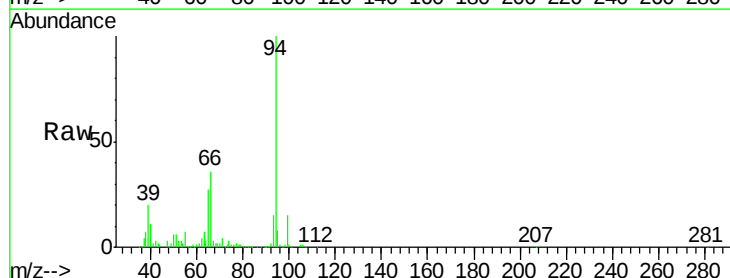
Tgt Ion: 94 Resp: 888870

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

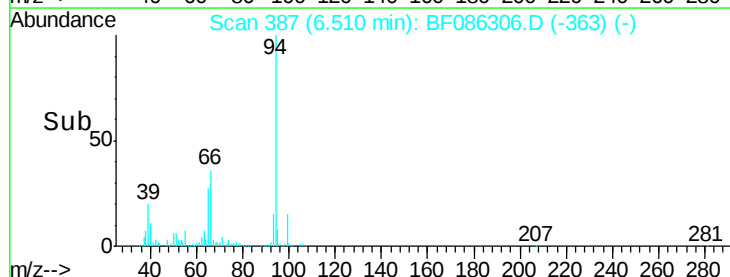
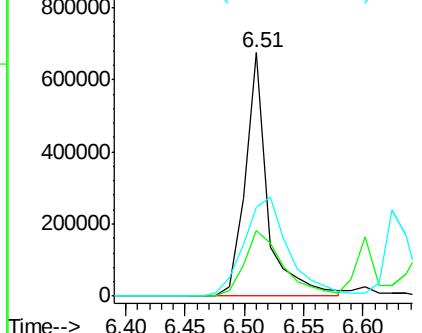
66 36.3 16.5 56.5

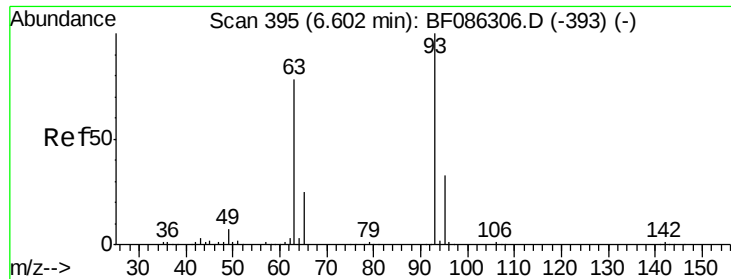


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

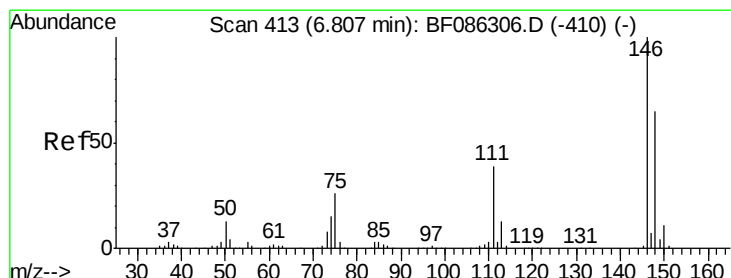
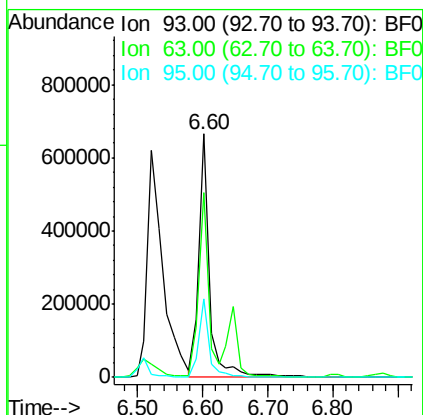
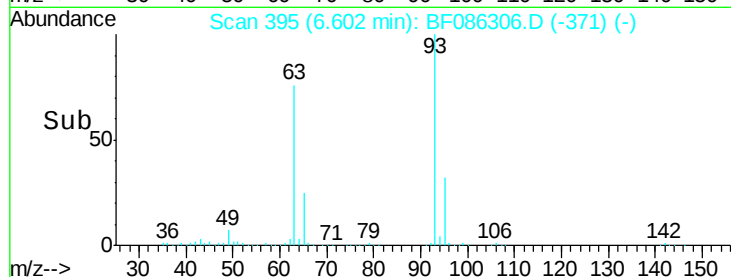
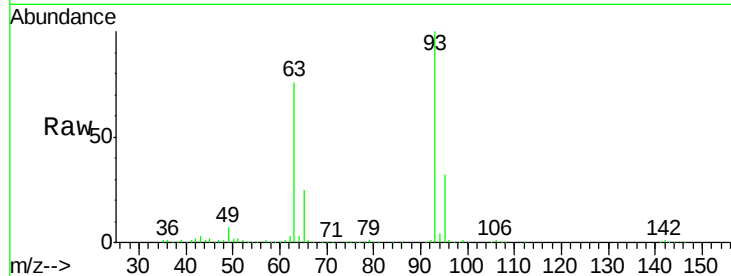




#11
bis(2-Chloroethyl)ether
Concen: 38.95 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

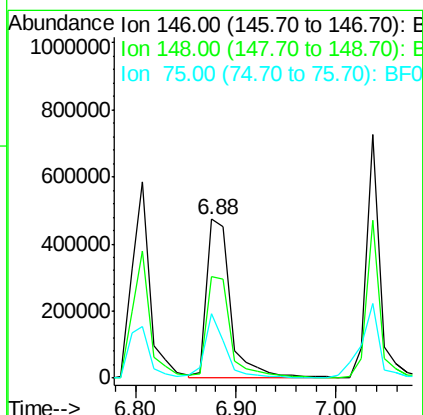
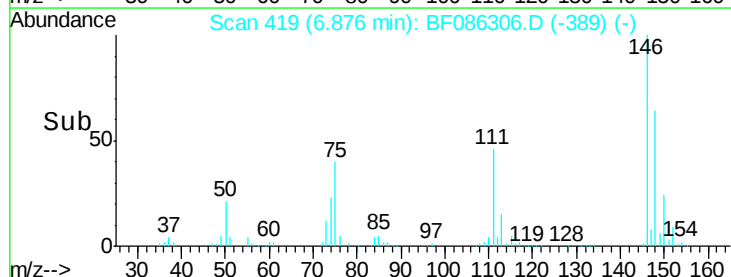
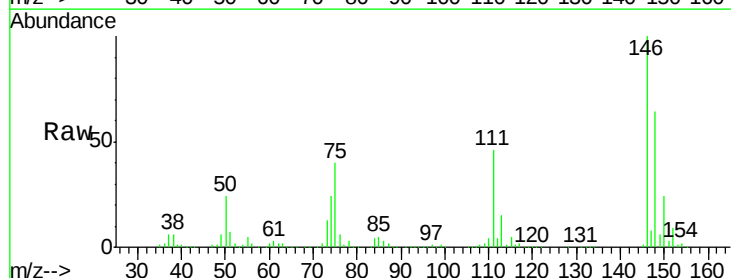
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

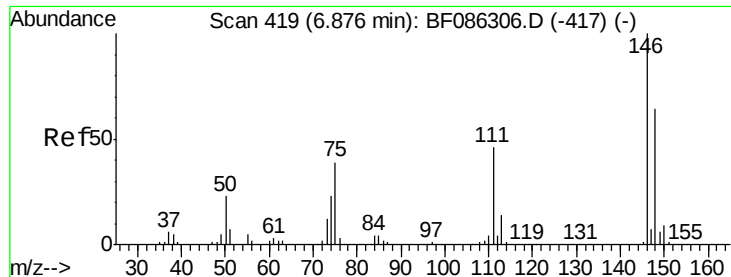
Tot Ion: 93 Resp: 751930
Ion Ratio Lower Upper
93 100
63 76.0 44.4 84.4
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.84 ng
RT: 6.88 min Scan# 413
Delta R.T. 0.05 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion: 146 Resp: 765175
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 40.4 29.9 44.9

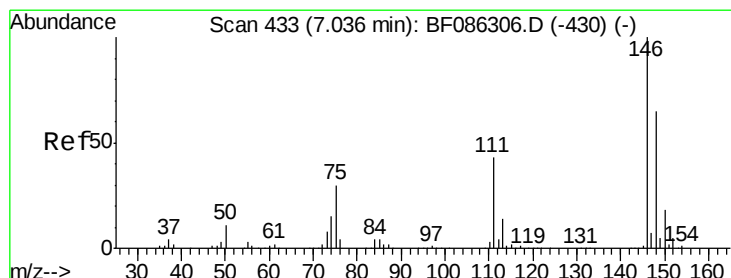
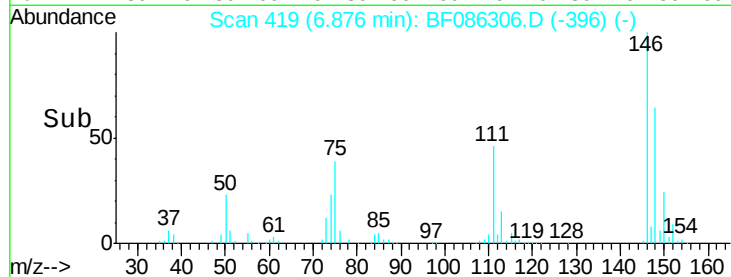
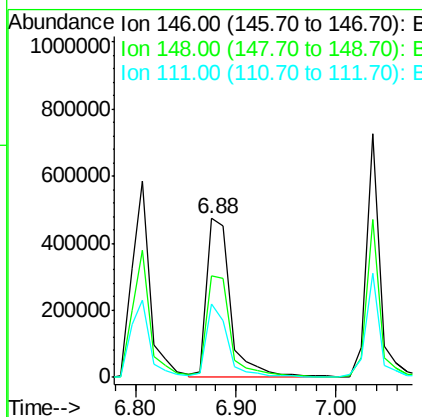
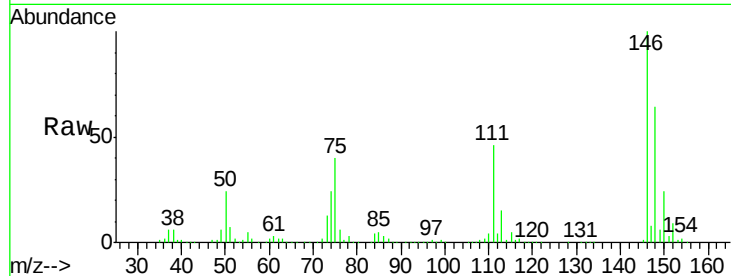




#13
 1,4-Dichlorobenzene
 Concen: 37.87 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

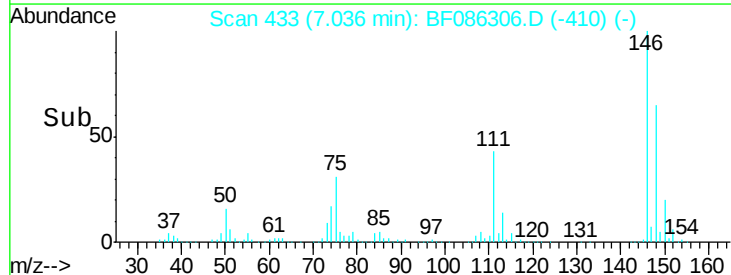
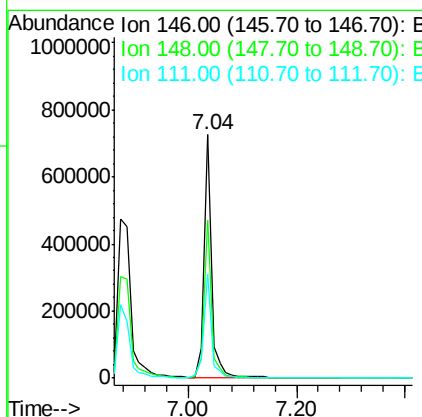
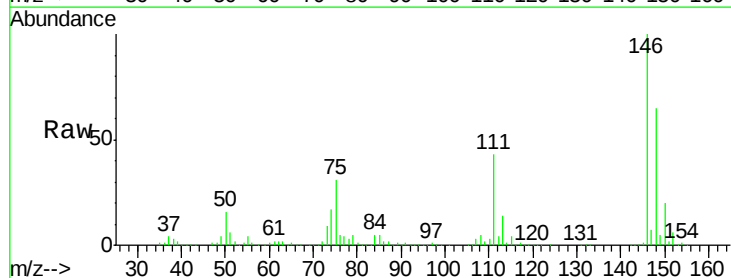
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

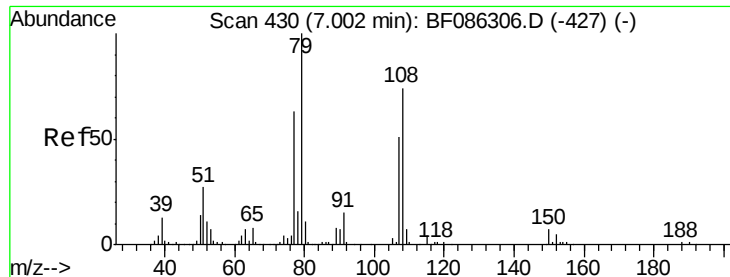
Tot Ion:146 Resp: 777220
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 46.1 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 37.95 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion:146 Resp: 690836
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.2
 111 42.9 31.0 46.4





#15

Benzyl Alcohol

Concen: 40.34 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

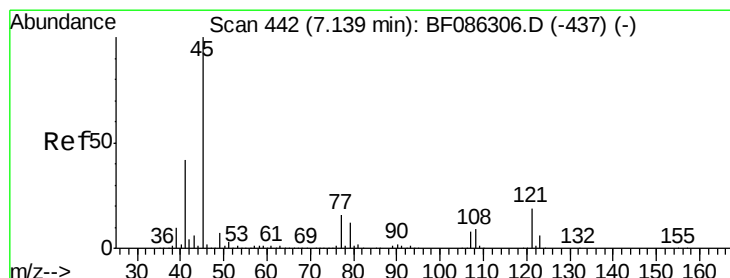
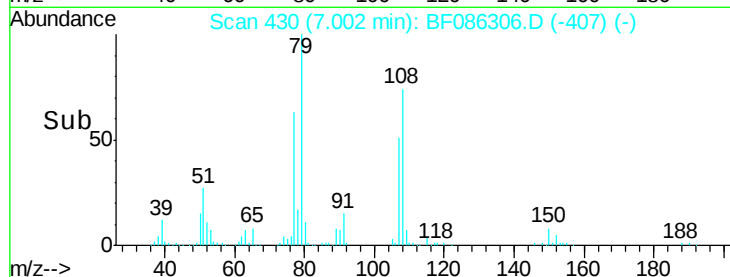
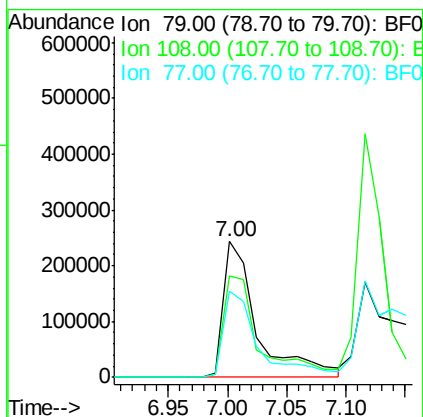
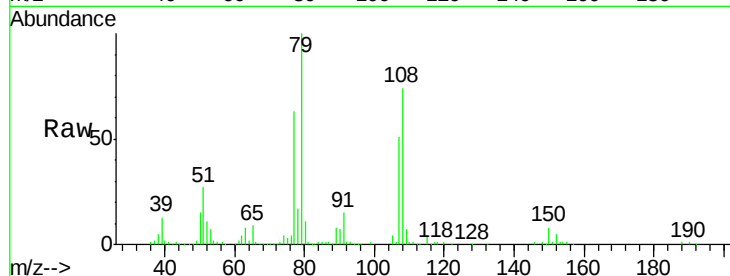
Tot Ion: 79 Resp: 483363

Ion Ratio Lower Upper

79 100

108 74.3 64.8 97.2

77 63.2 51.9 77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.43 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

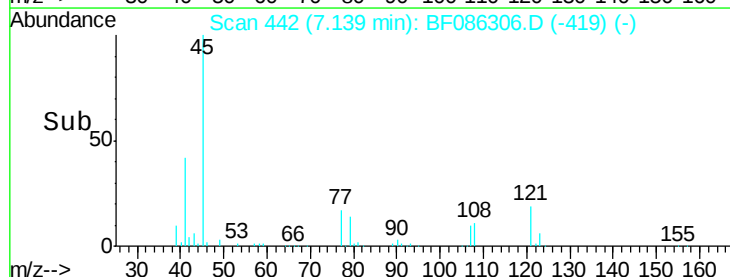
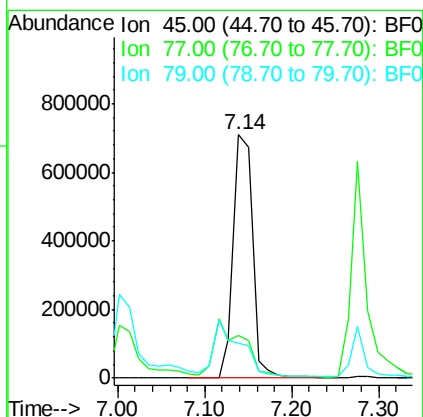
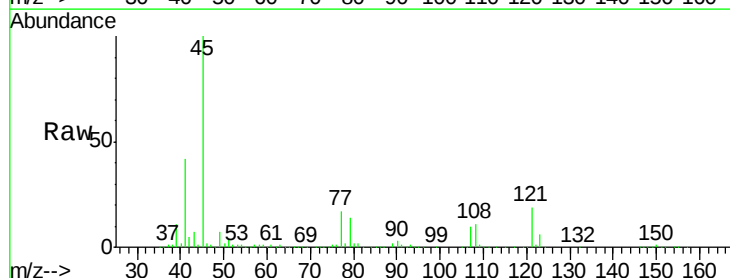
Tgt Ion: 45 Resp: 1098147

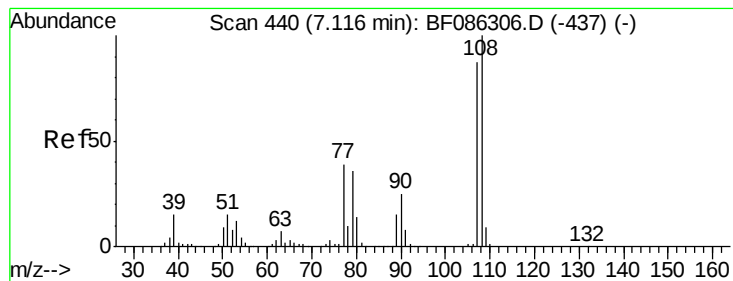
Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.7

79 14.4 0.0 30.1

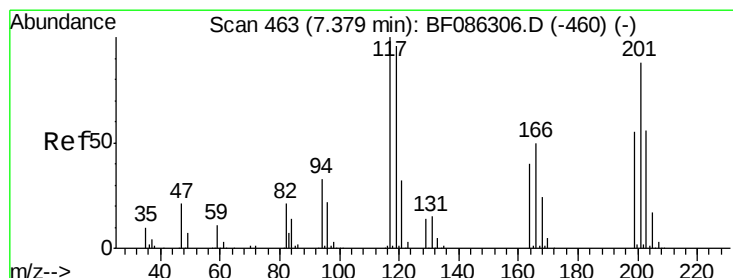
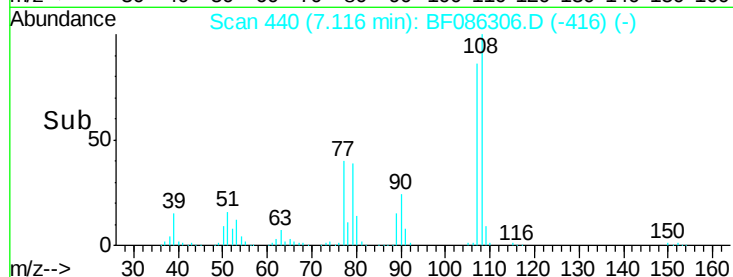
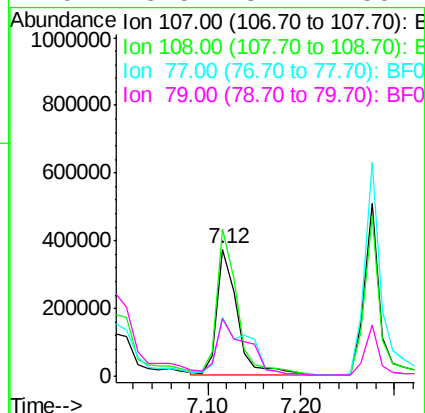
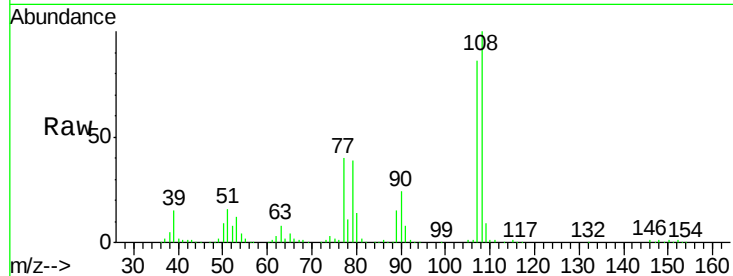




#17
2-Methylphenol
Concen: 38.91 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

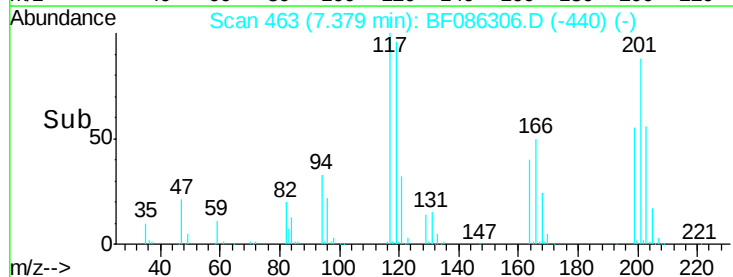
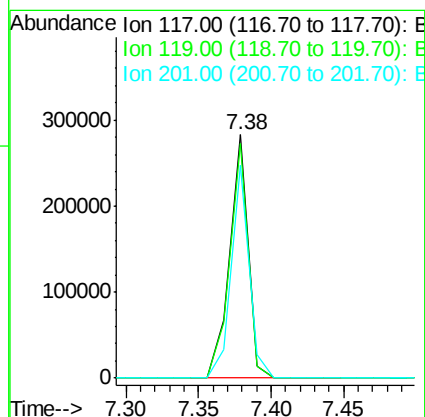
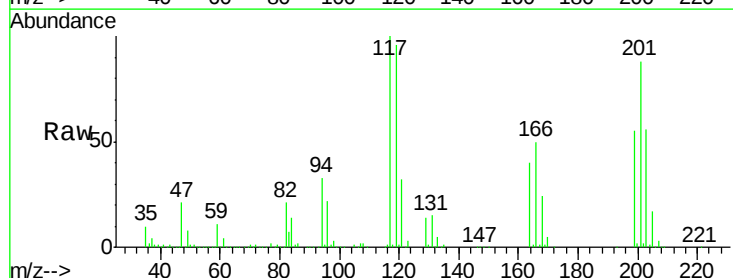
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

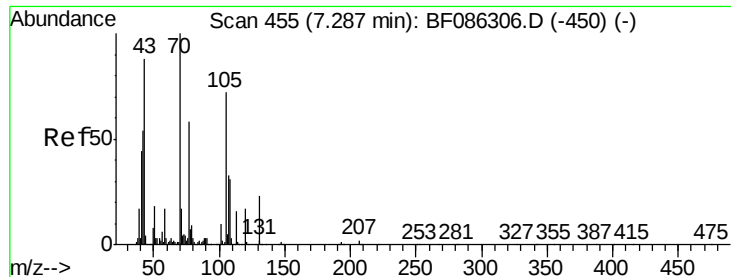
Tot Ion:107 Resp: 569219
Ion Ratio Lower Upper
107 100
108 116.2 92.7 139.1
77 46.2 39.6 59.4
79 45.5 37.4 56.2



#18
Hexachloroethane
Concen: 41.10 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:117 Resp: 251408
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.4
201 87.7 75.7 113.5

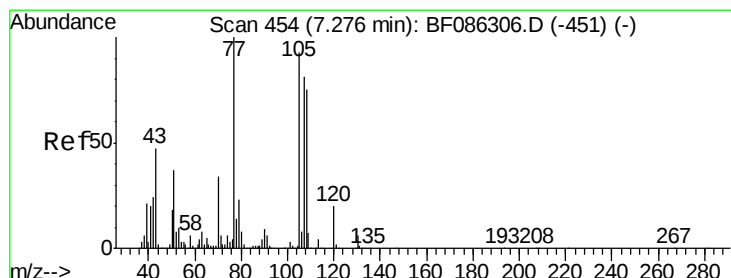
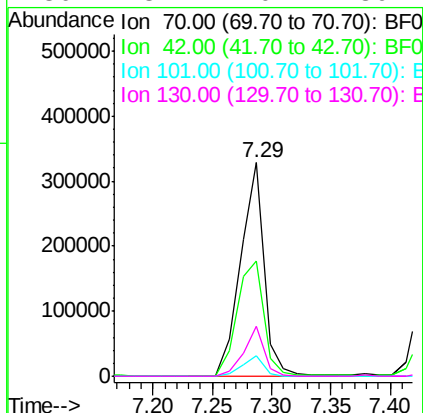
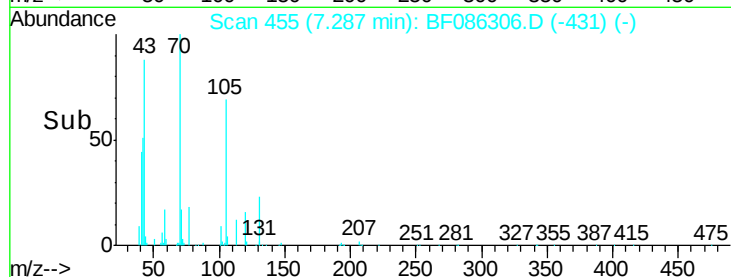
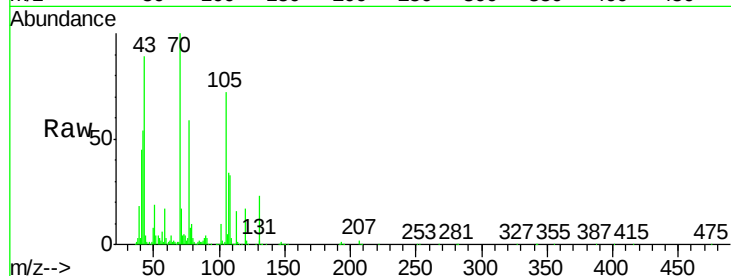




#19
n-Nitroso-di-n-propylamine
Concen: 39.26 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

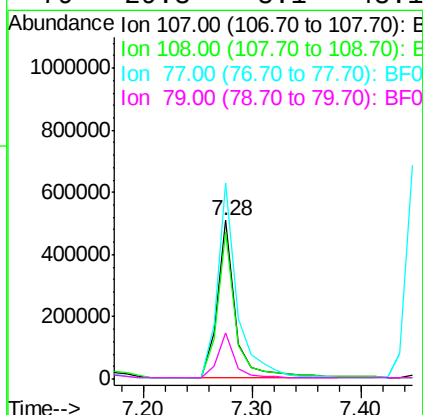
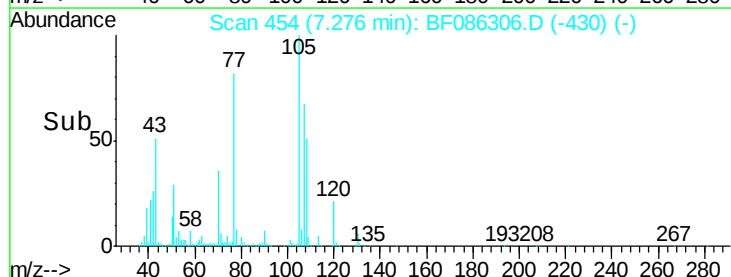
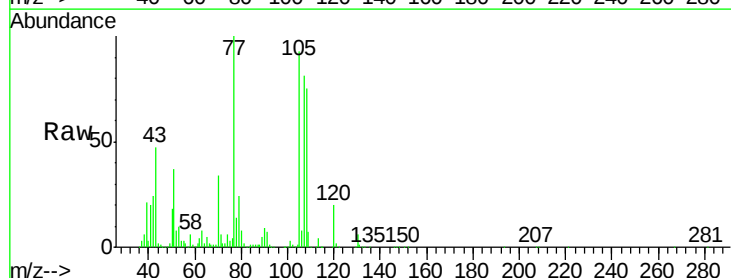
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

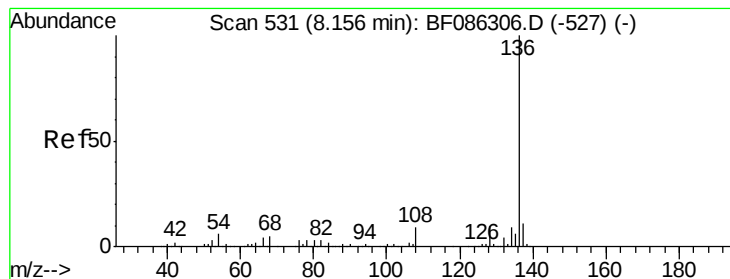
Tot Ion:	70	Resp:	458657
Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.0	64.4
101	9.7	8.1	12.1
130	23.4	20.1	30.1



#20
3+4-Methylphenols
Concen: 37.77 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:	107	Resp:	599370
Ion	Ratio	Lower	Upper
107	100		
108	92.8	69.7	109.7
77	123.6	60.5	100.5#
79	29.3	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 1051013

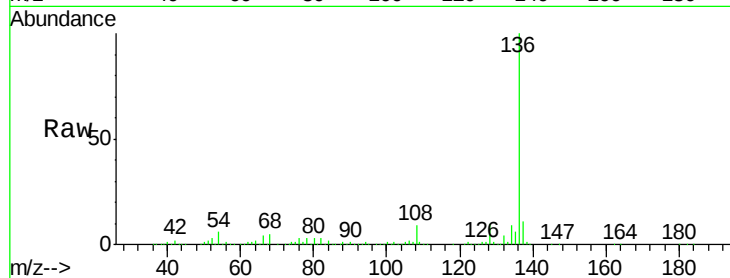
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 7.3 10.9#

68 5.2 5.7 8.5#

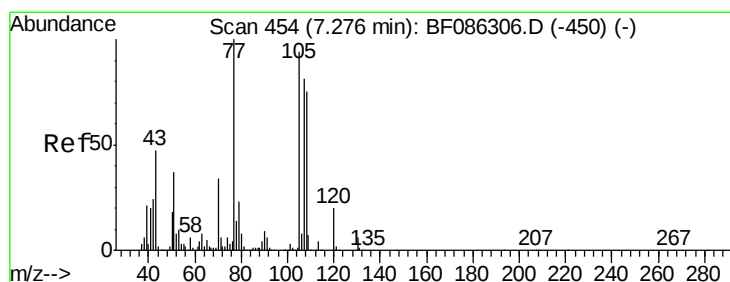
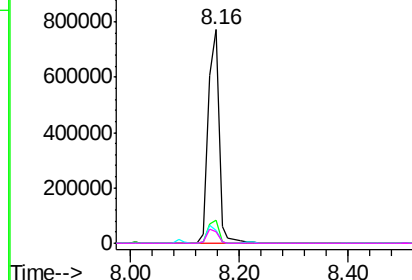
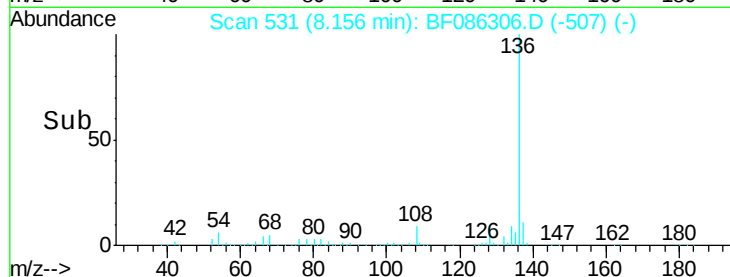


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.02 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Tgt Ion:105 Resp: 817356

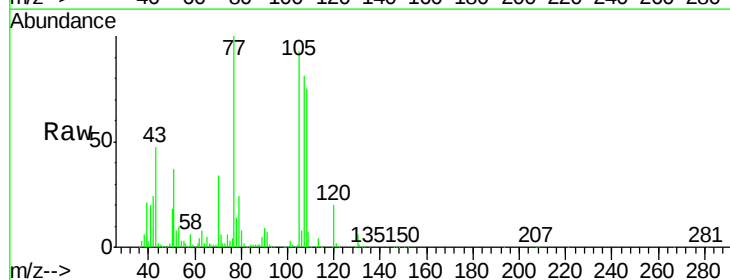
Ion Ratio Lower Upper

105 100

71 6.3 4.0 6.0#

51 40.2 22.0 33.0#

120 21.4 17.5 26.3

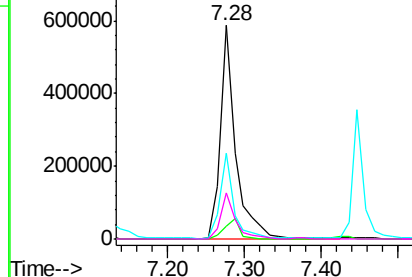
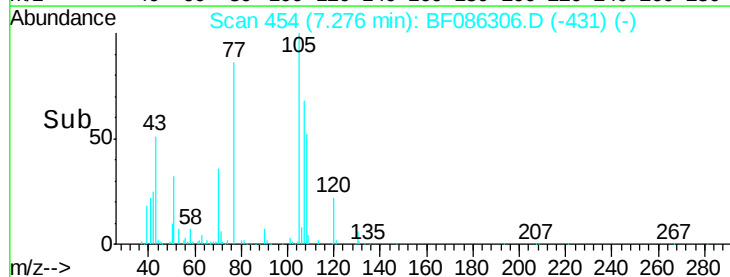


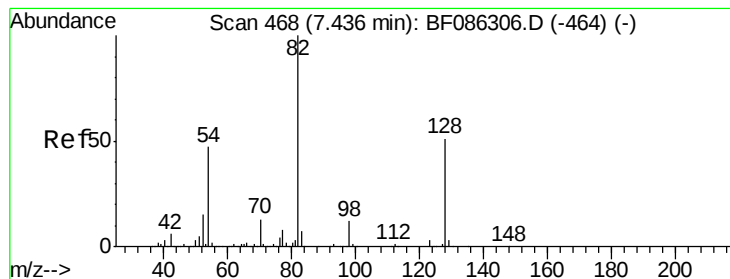
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.16 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

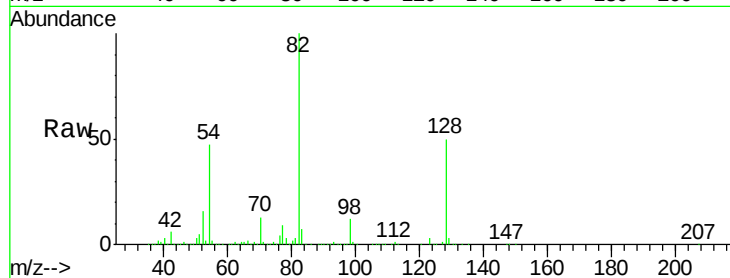
Tot Ion: 82 Resp: 1434279

Ion Ratio Lower Upper

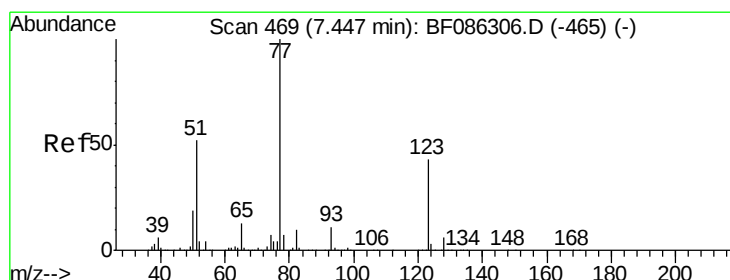
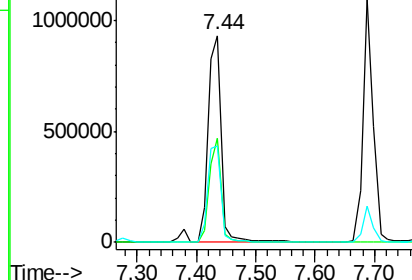
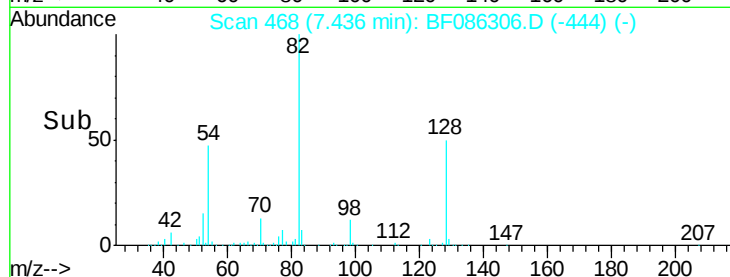
82 100

128 50.5 35.4 53.2

54 46.9 43.4 65.0



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



#24

Nitrobenzene

Concen: 37.80 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

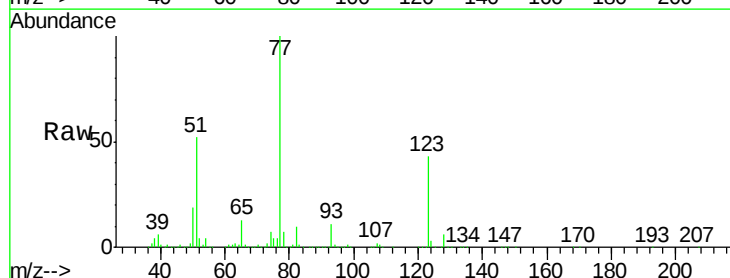
Tgt Ion: 77 Resp: 742147

Ion Ratio Lower Upper

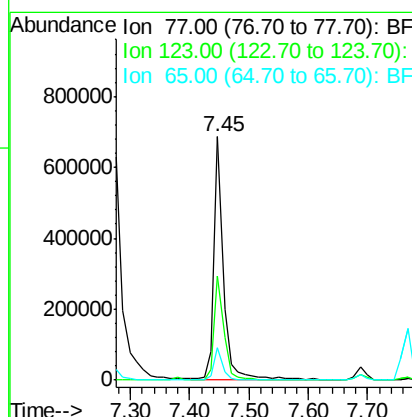
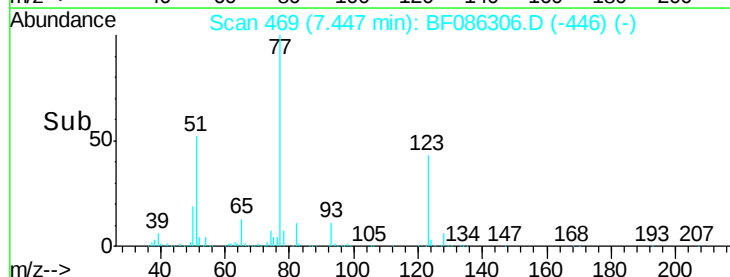
77 100

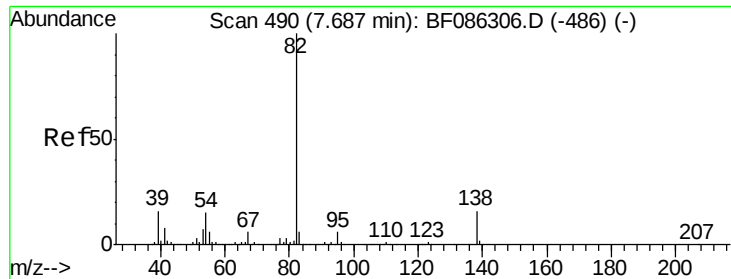
123 42.9 38.3 57.5

65 13.5 11.3 16.9



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





#25

Isophorone

Concen: 37.69 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

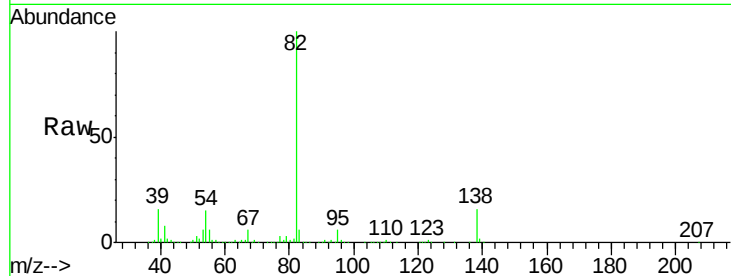
Tot Ion: 82 Resp: 1310359

Ion Ratio Lower Upper

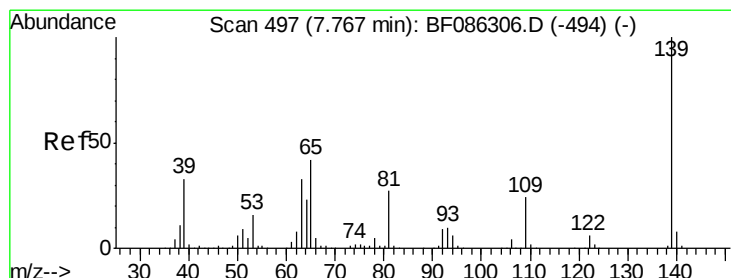
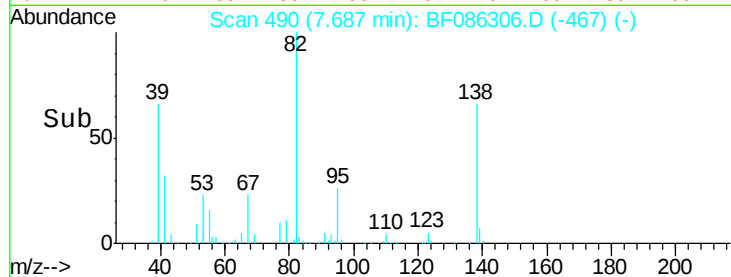
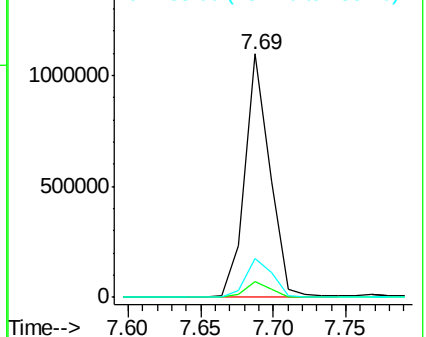
82 100

95 6.3 5.4 8.2

138 16.1 13.4 20.2



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



#26

2-Nitrophenol

Concen: 44.21 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

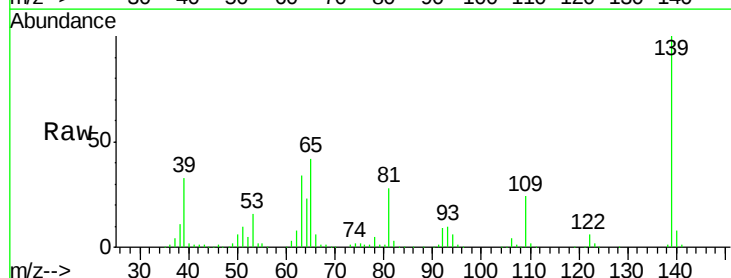
Tgt Ion: 139 Resp: 388272

Ion Ratio Lower Upper

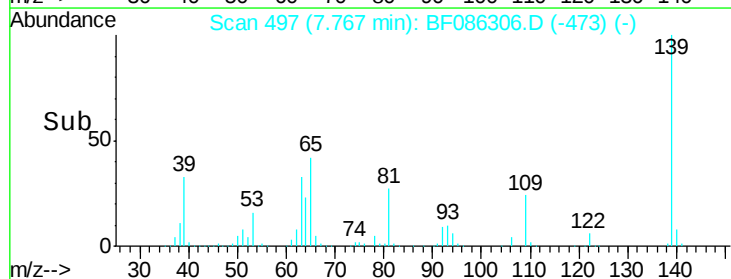
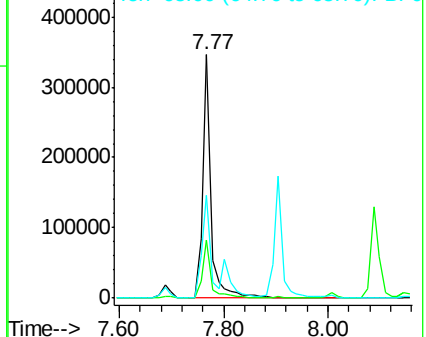
139 100

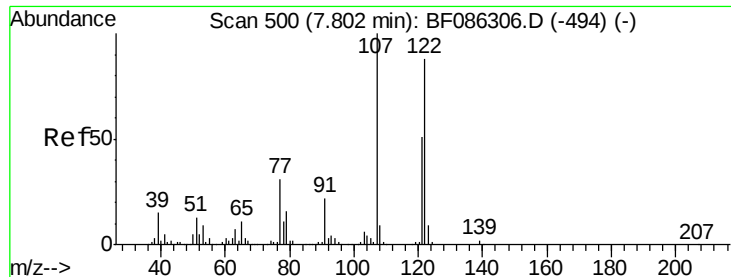
109 23.8 25.8 38.8#

65 42.3 50.2 75.2#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.96 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

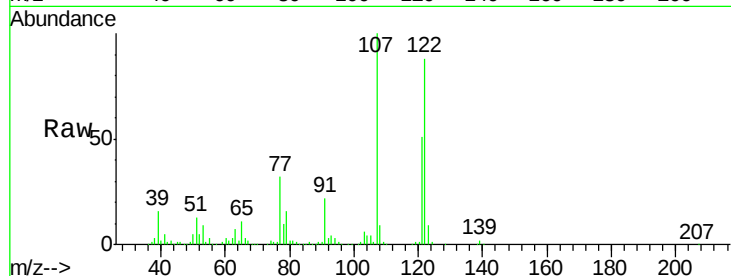
Tot Ion:122 Resp: 653750

Ion Ratio Lower Upper

122 100

107 113.4 85.8 128.6

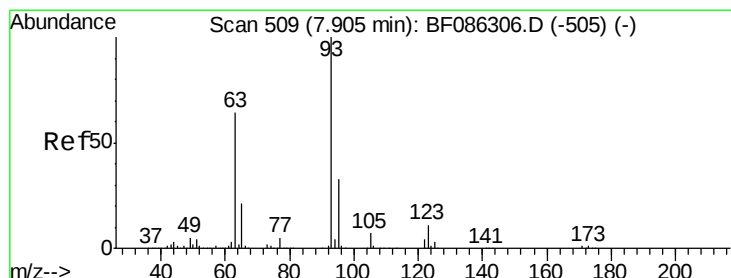
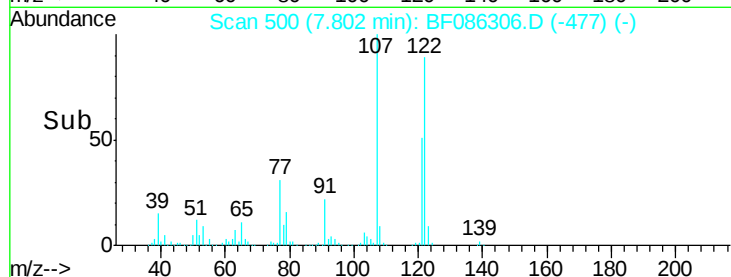
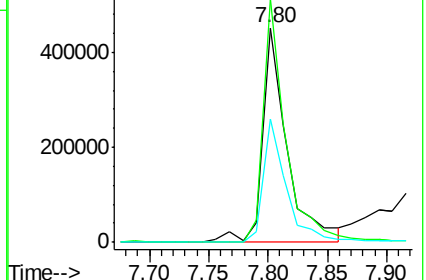
121 57.6 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.29 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

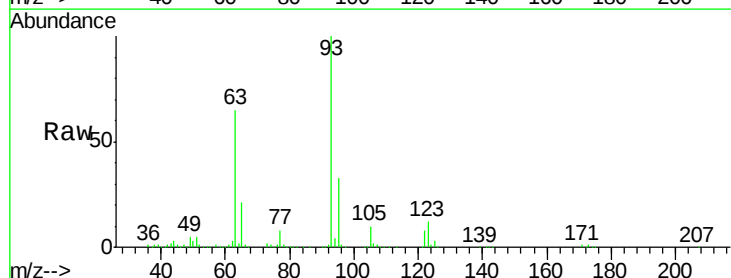
Tgt Ion: 93 Resp: 819282

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.8

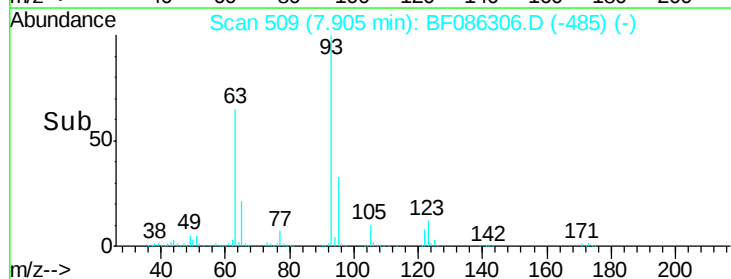
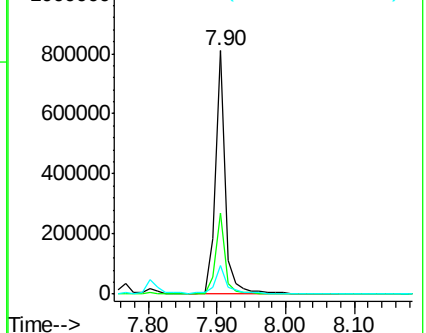
123 11.7 8.9 13.3

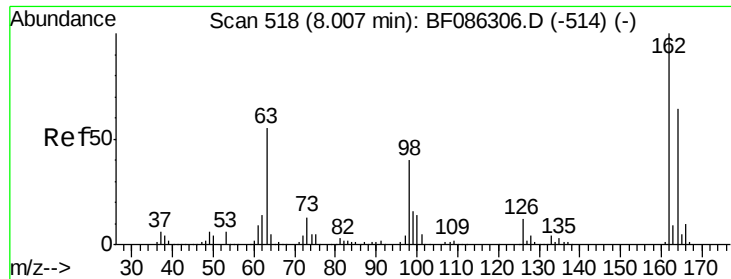


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

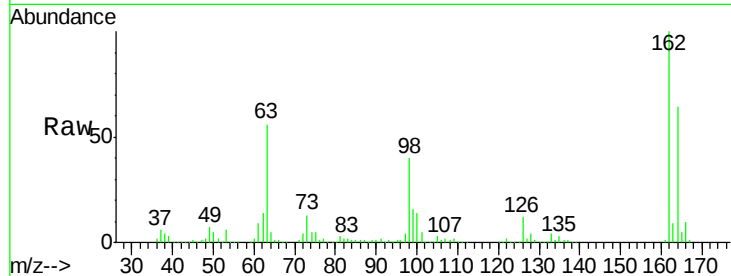




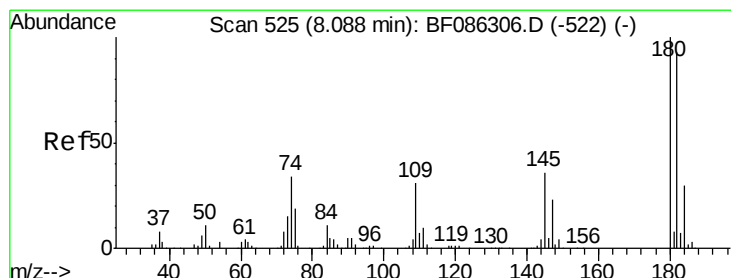
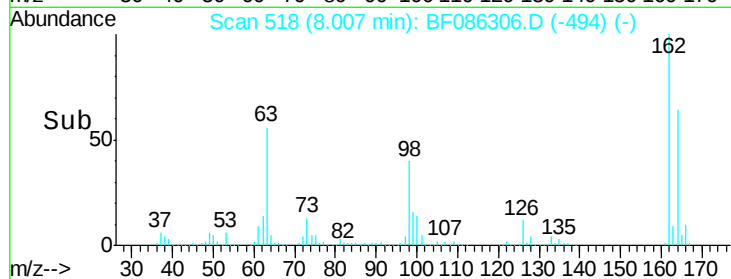
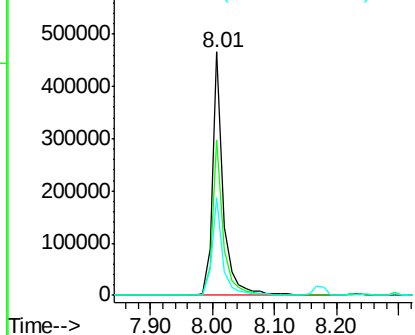
#29
 2,4-Dichlorophenol
 Concen: 40.59 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.3	83.3
98	39.9	22.9	62.9

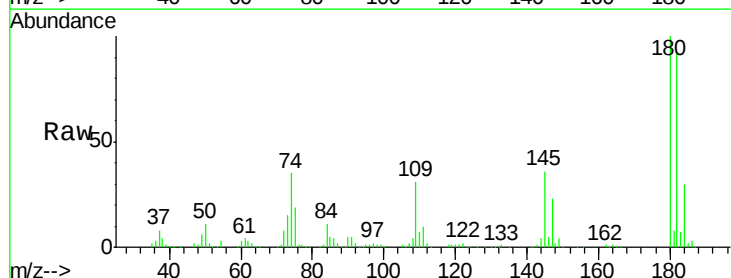


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

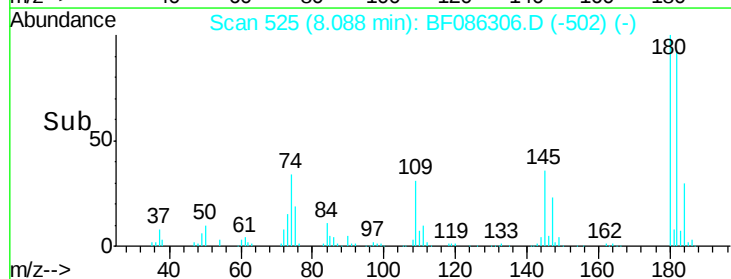
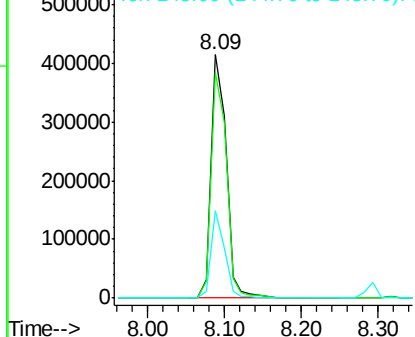


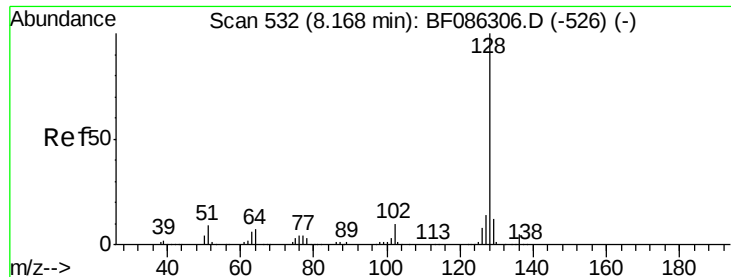
#30
 1,2,4-Trichlorobenzene
 Concen: 38.59 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.3	114.5
145	35.9	27.4	41.2



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

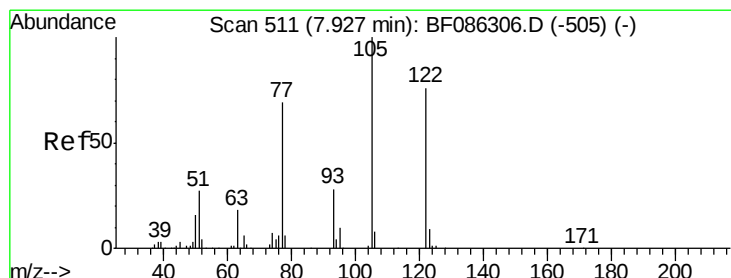
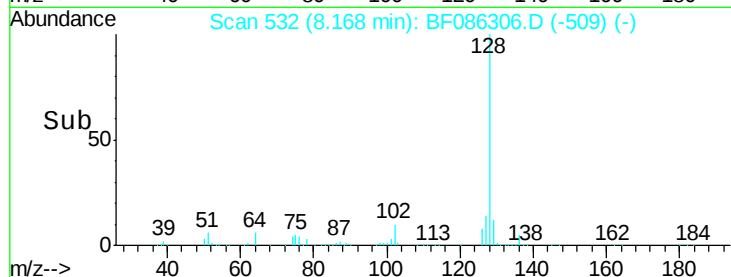
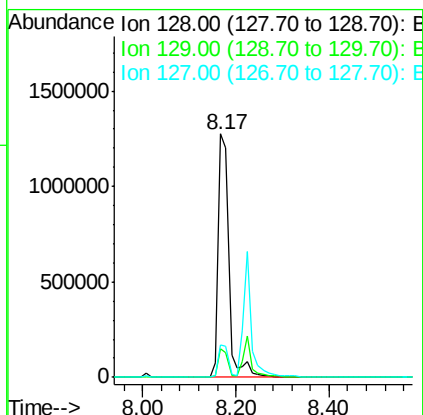
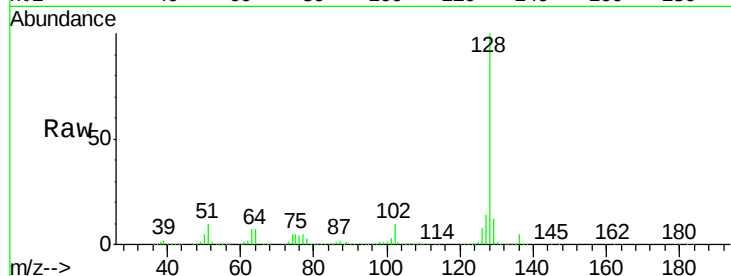




#31
Naphthalene
Concen: 40.06 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

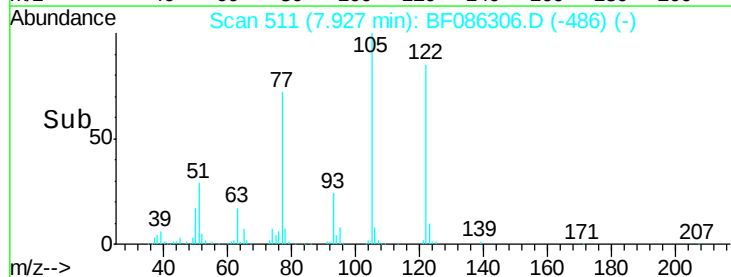
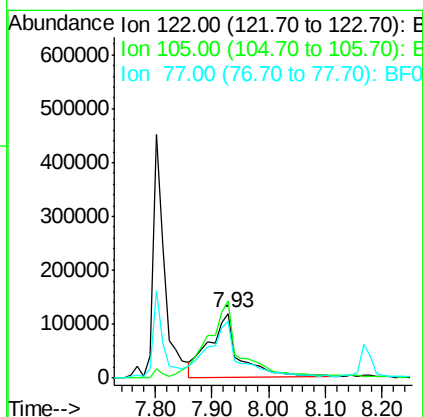
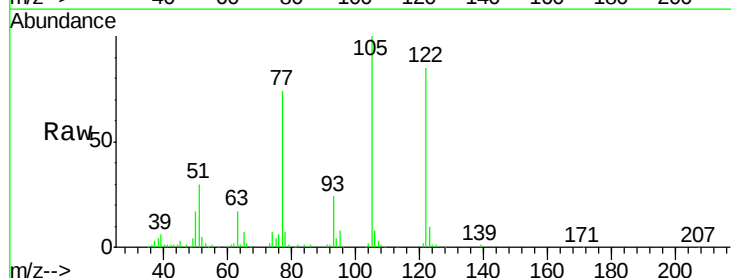
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

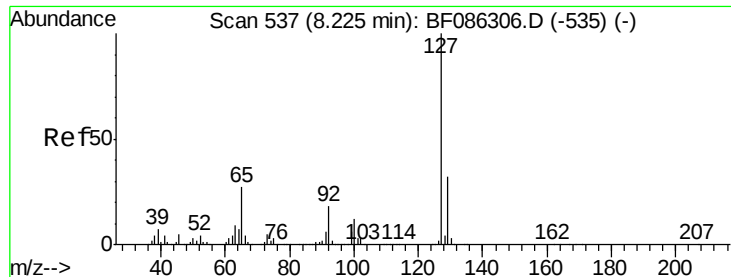
Tot Ion:128 Resp: 2006866
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.6 11.4 17.2



#32
Benzoic acid
Concen: 41.88 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:122 Resp: 428656
Ion Ratio Lower Upper
122 100
105 118.2 103.7 143.7
77 86.9 74.9 114.9

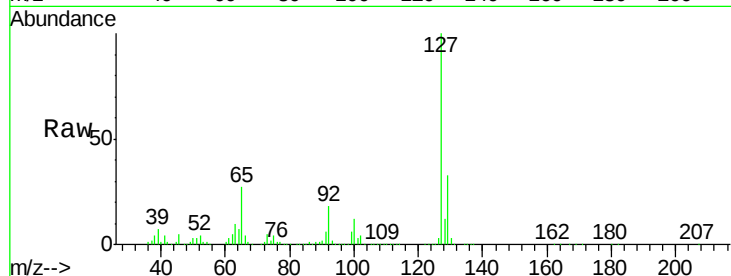




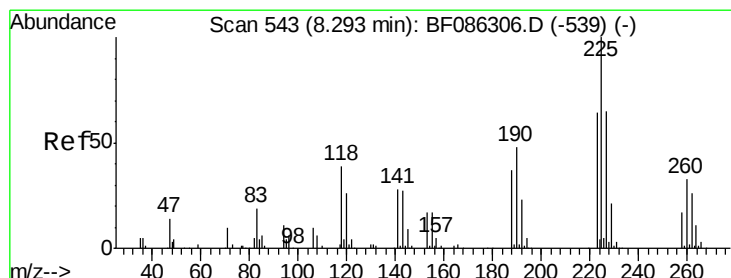
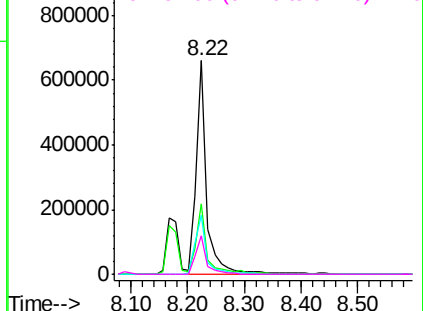
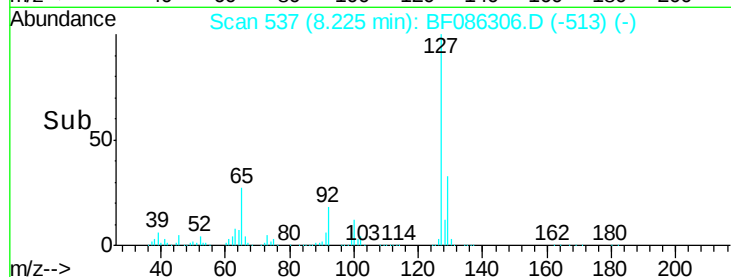
#33
4-Chloroaniline
Concen: 40.30 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	127	Resp:	835681
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.8	40.2
65	27.4	27.1	40.7
92	17.9	16.2	24.2

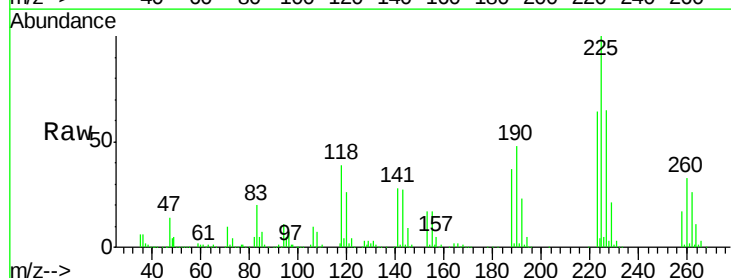


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

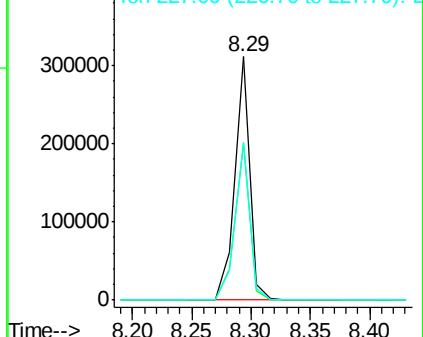
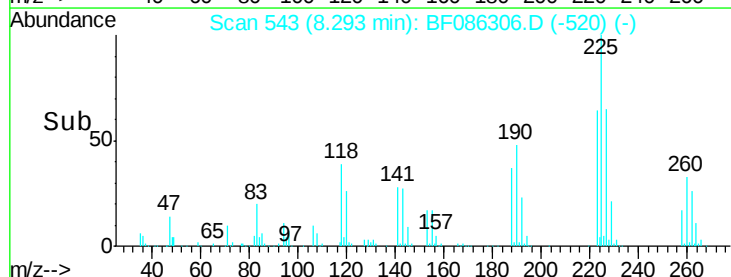


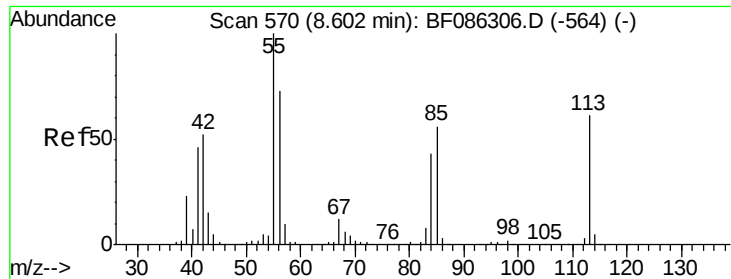
#34
Hexachlorobutadiene
Concen: 37.09 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:	225	Resp:	273890
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	64.9	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.62 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

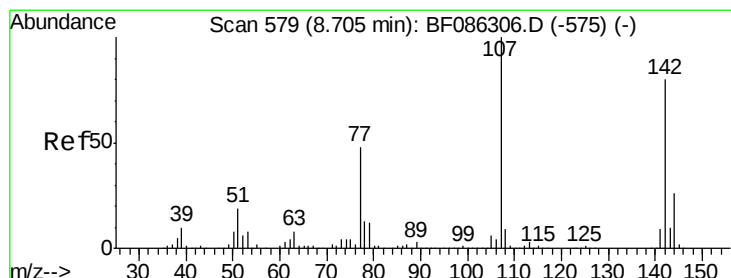
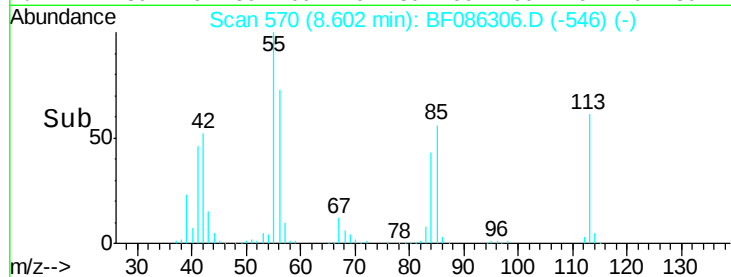
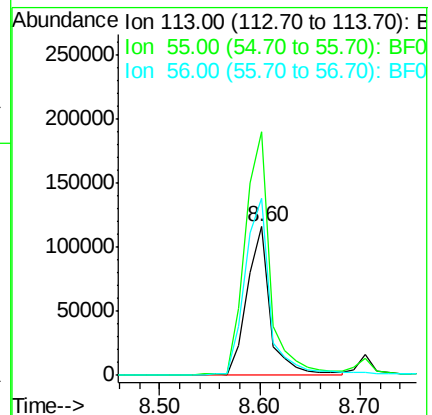
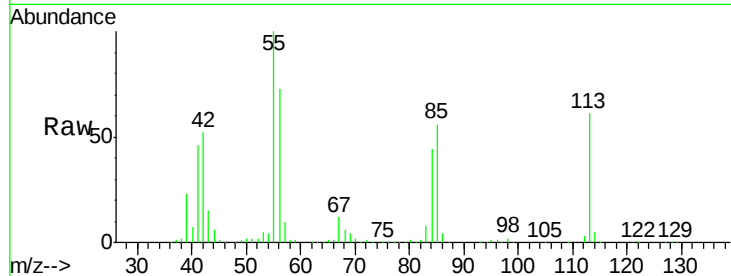
Tot Ion:113 Resp: 187436

Ion Ratio Lower Upper

113 100

55 163.9 117.5 157.5#

56 119.0 82.5 122.5



#36

4-Chloro-3-methylphenol

Concen: 40.66 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

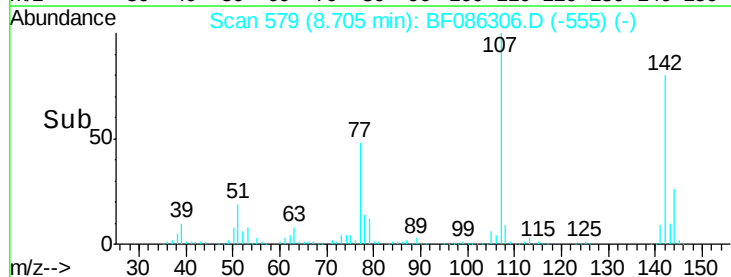
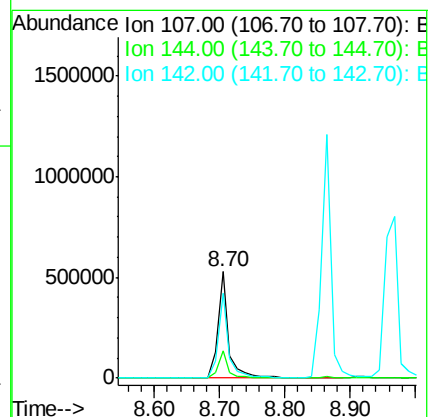
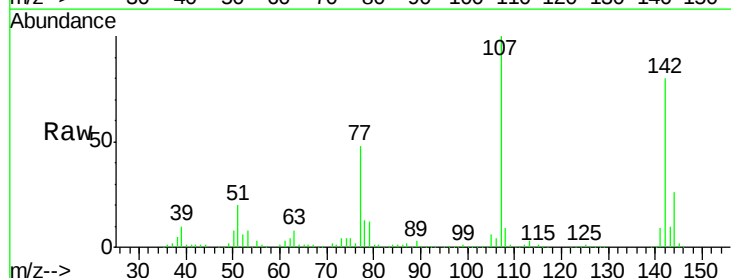
Tgt Ion:107 Resp: 621038

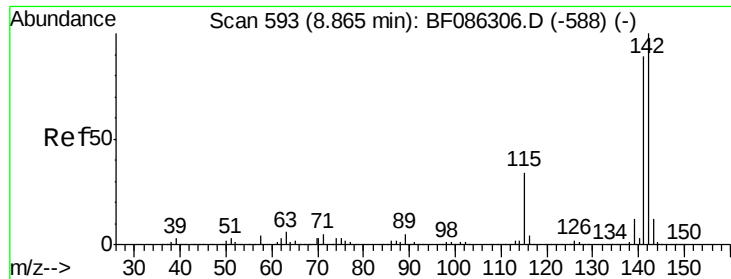
Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

142 79.9 64.5 96.7

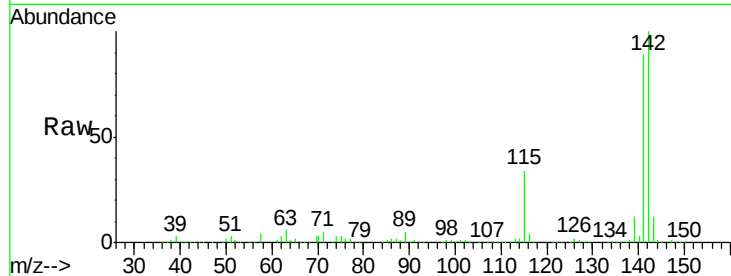




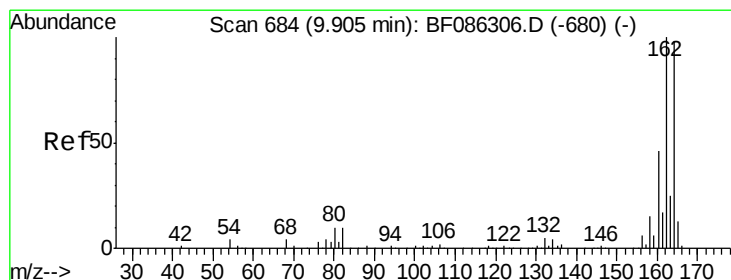
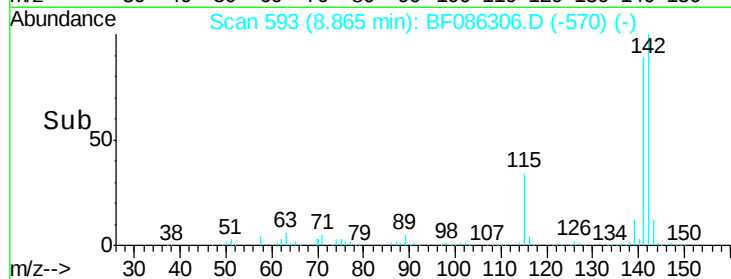
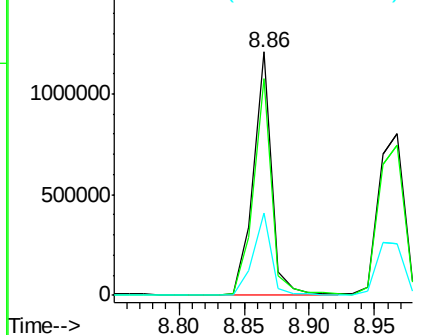
#37
2-Methylnaphthalene
Concen: 38.61 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 1194322
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7
115 33.8 25.1 37.7

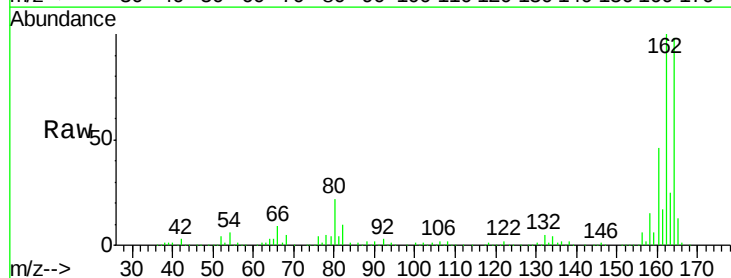


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

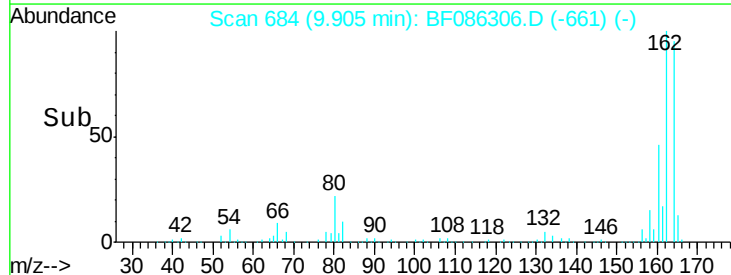
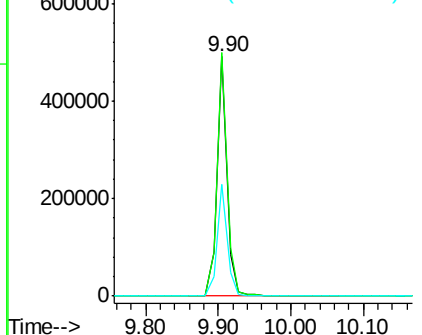


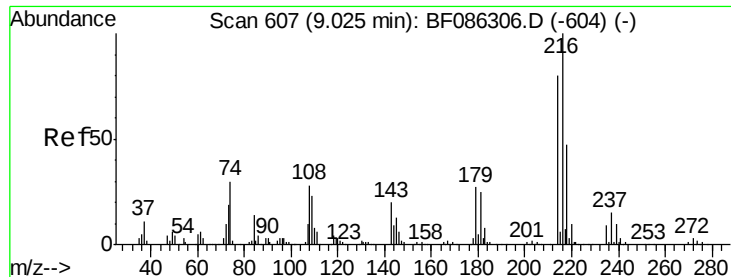
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:164 Resp: 472656
Ion Ratio Lower Upper
164 100
162 101.7 82.8 124.2
160 46.4 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.10 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 479358

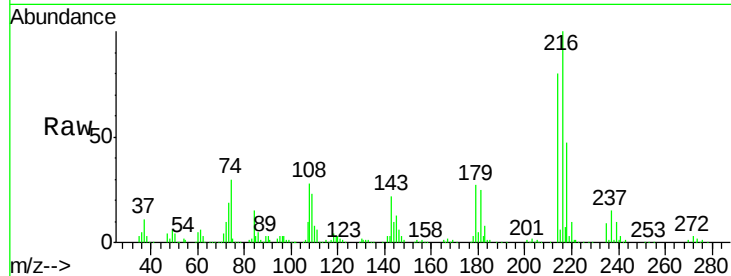
Ion Ratio Lower Upper

216 100

214 79.0 64.9 97.3

179 23.3 19.8 29.6

108 21.9 21.0 31.4

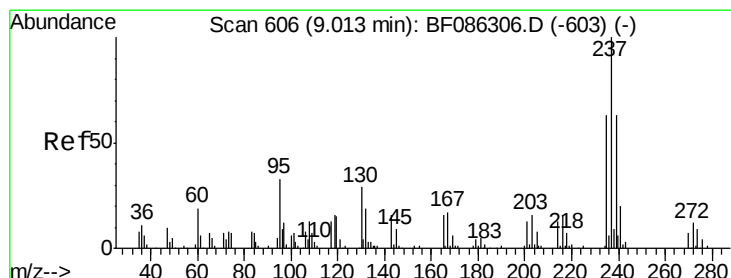
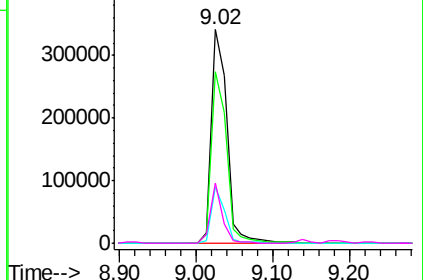
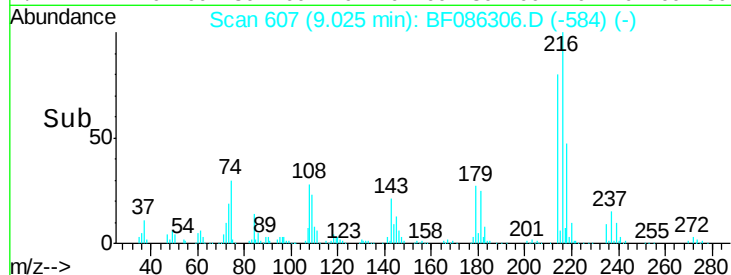


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.89 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

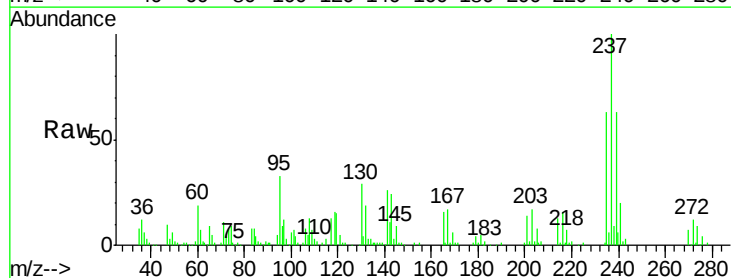
Tgt Ion:237 Resp: 117061

Ion Ratio Lower Upper

237 100

235 63.1 44.0 84.0

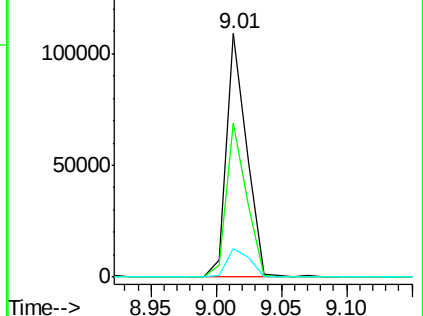
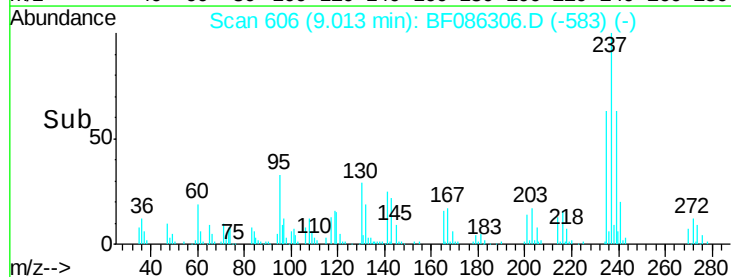
272 11.8 0.0 32.4

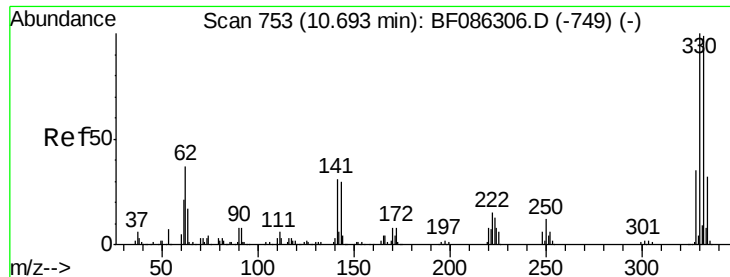


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

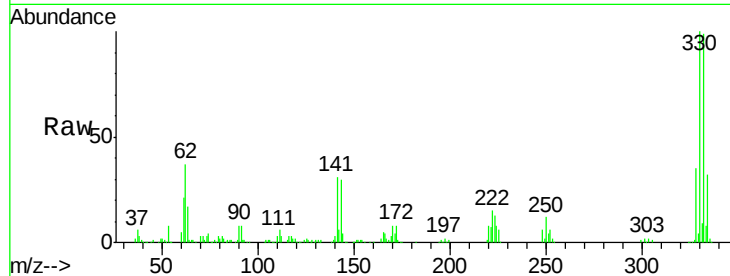




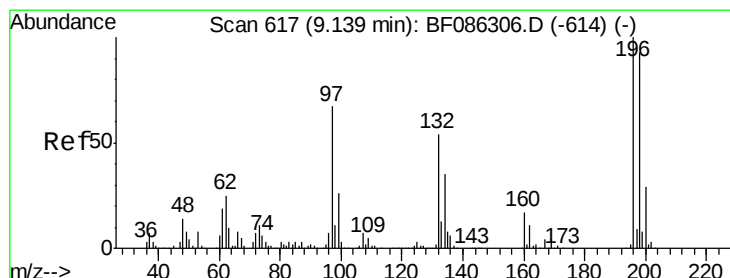
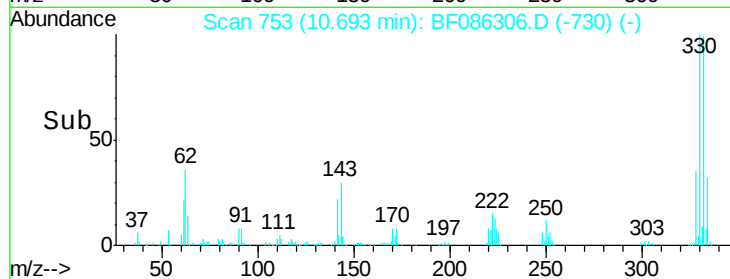
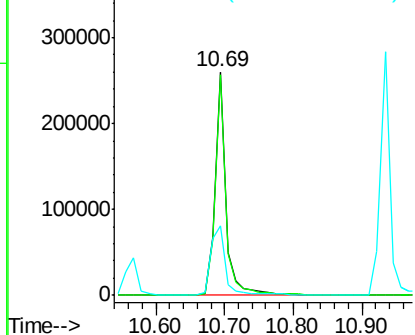
#41
 2,4,6-Tribromophenol
 Concen: 79.91 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.7	118.1
141	42.4	28.6	42.8

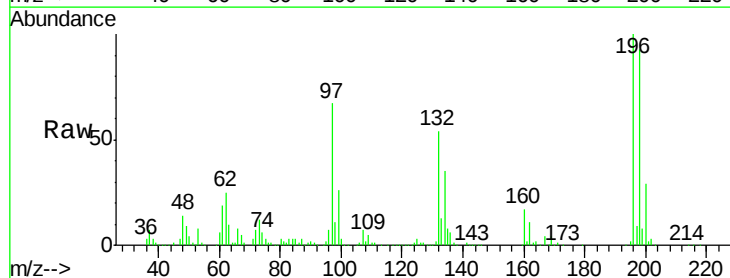


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

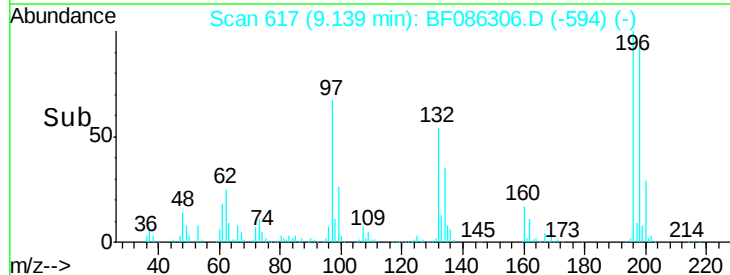
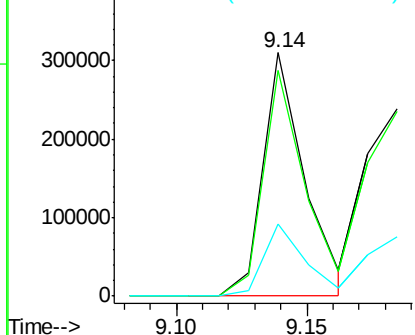


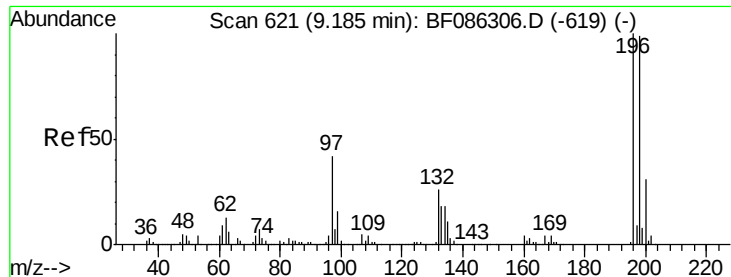
#42
 2,4,6-Trichlorophenol
 Concen: 39.05 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	76.6	115.0
200	29.4	25.3	37.9



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

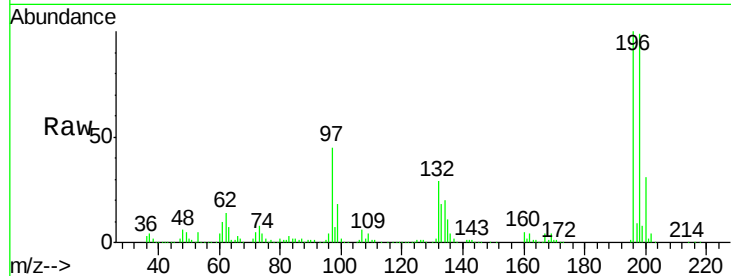




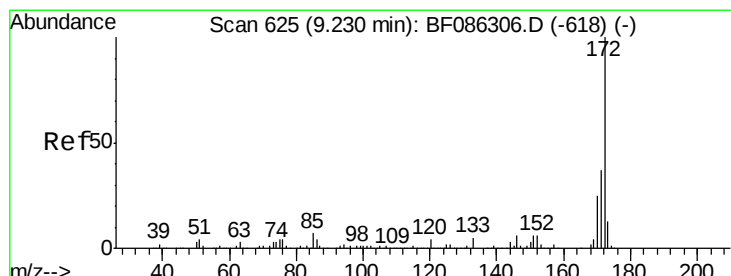
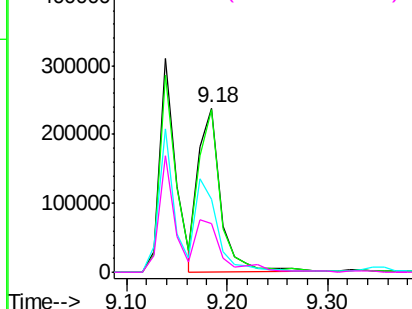
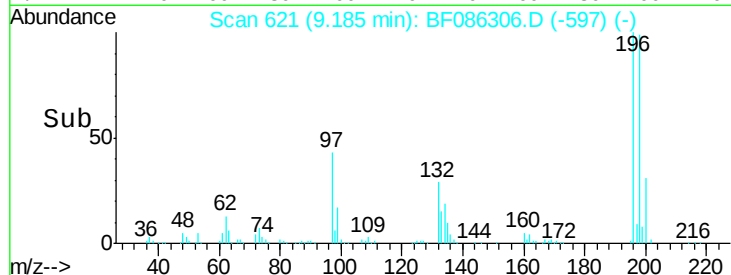
#43
 2,4,5-Trichlorophenol
 Concen: 39.13 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:196 Resp: 371938
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.7 116.5
 97 44.6 32.6 48.8
 132 29.4 21.4 32.0

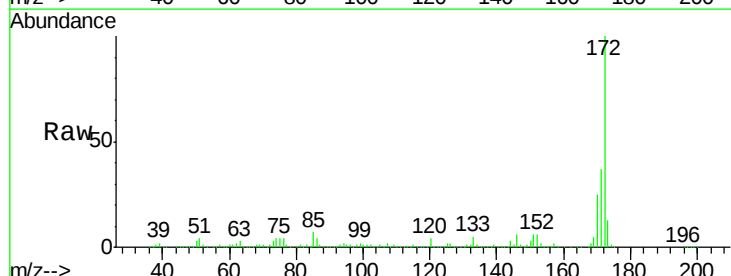


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

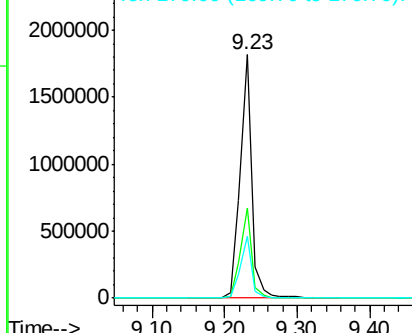
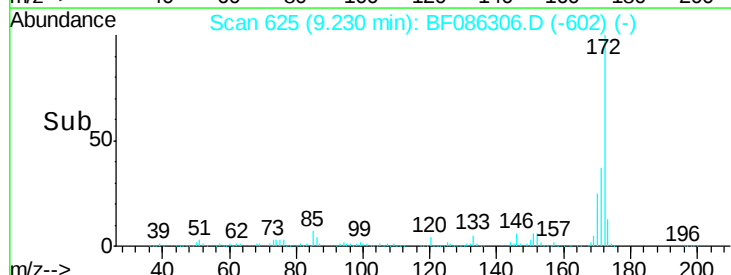


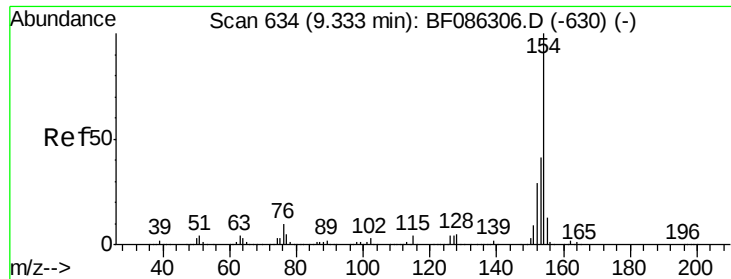
#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion:172 Resp: 2035505
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 25.3 19.9 29.9



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

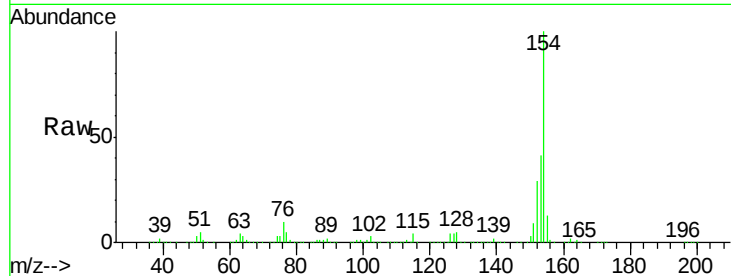




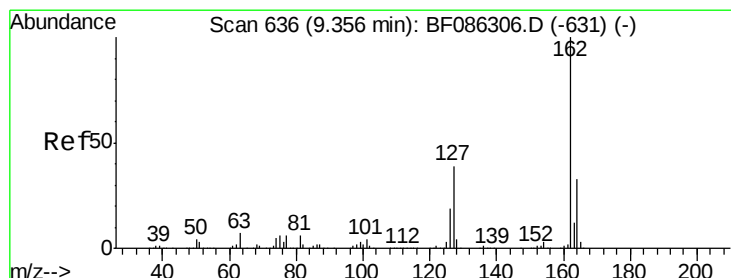
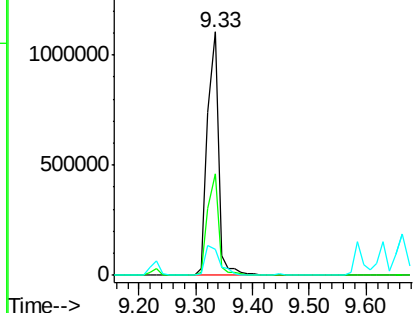
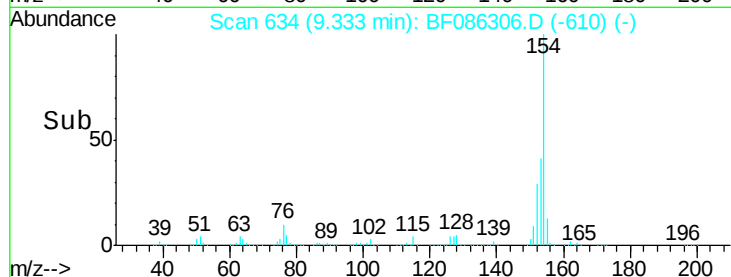
#45
 1,1'-Biphenyl
 Concen: 38.55 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:154 Resp: 1431105
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 10.4 0.0 36.4

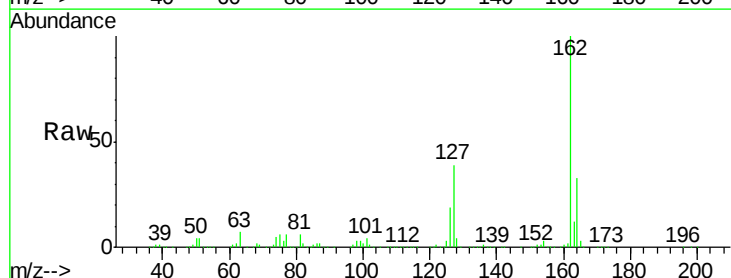


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

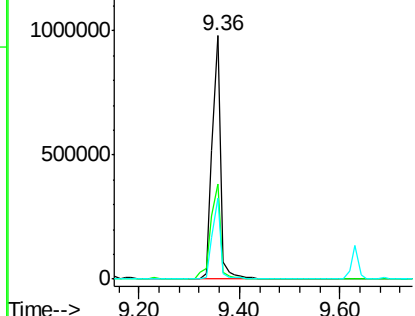
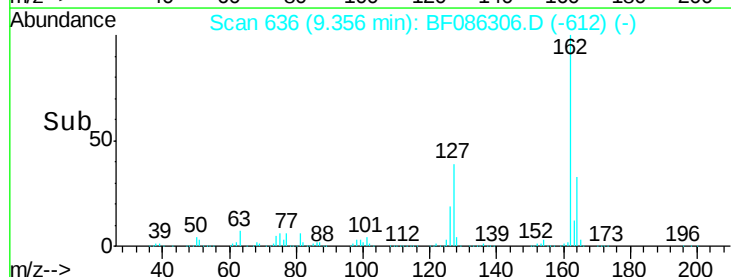


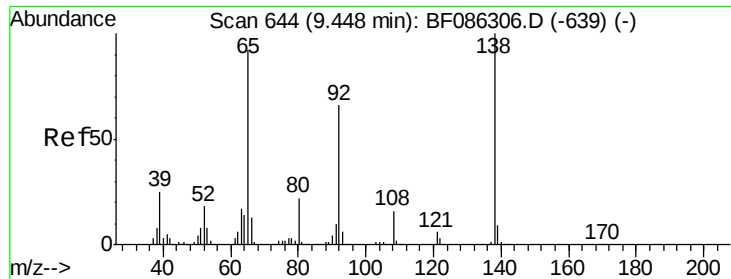
#46
 2-Chloronaphthalene
 Concen: 40.95 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion:162 Resp: 1151742
 Ion Ratio Lower Upper
 162 100
 127 38.8 36.7 55.1
 164 33.4 26.4 39.6



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

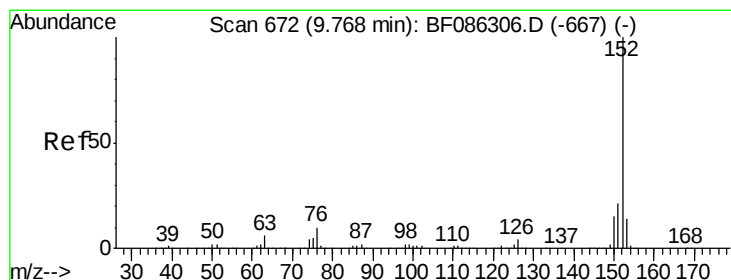
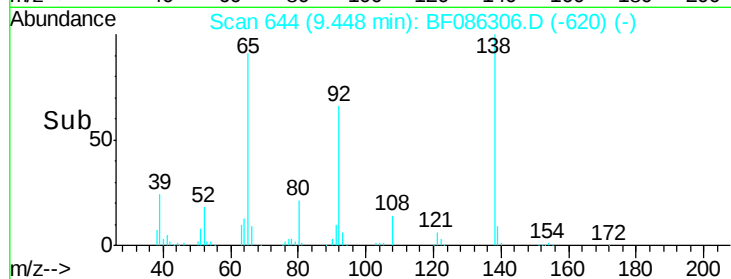
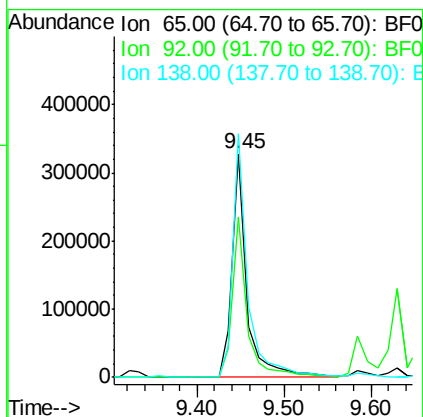
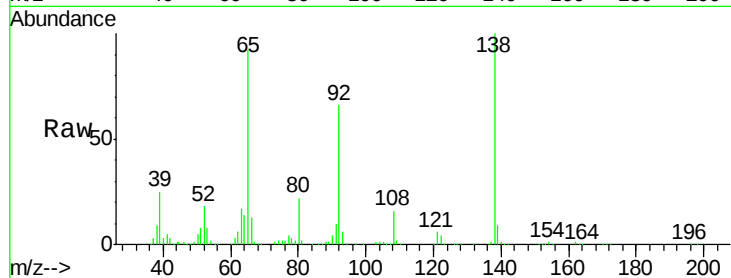




#47
2-Nitroaniline
Concen: 40.40 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

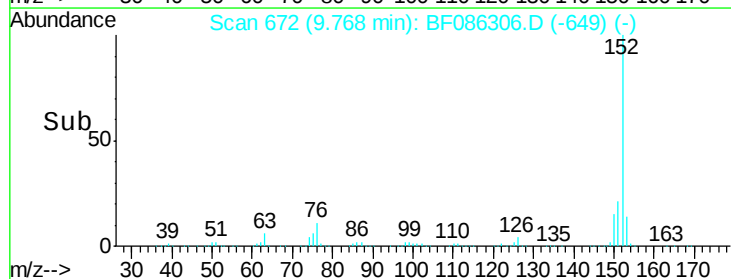
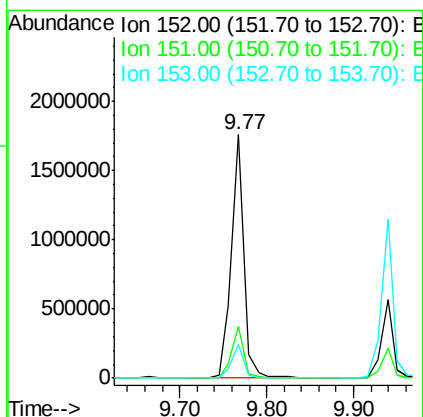
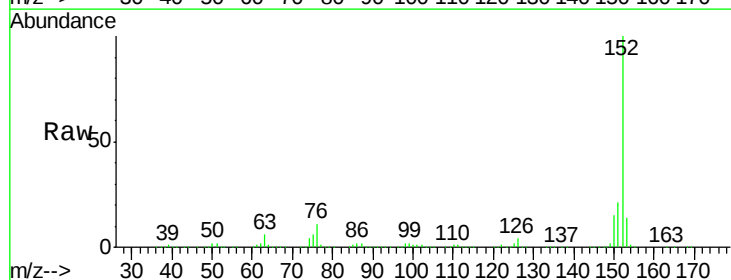
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

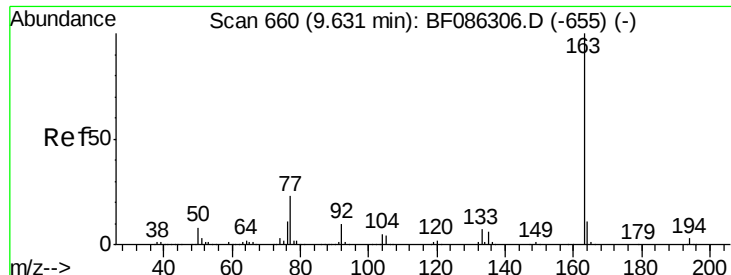
Tot Ion: 65 Resp: 386245
Ion Ratio Lower Upper
65 100
92 72.1 51.9 77.9
138 109.1 72.6 108.8#



#48
Acenaphthylene
Concen: 40.05 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion: 152 Resp: 1758940
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.6 10.7 16.1

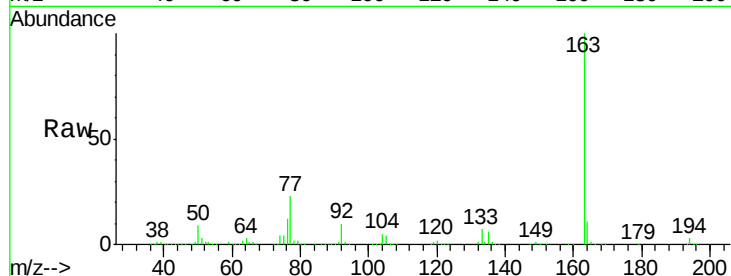




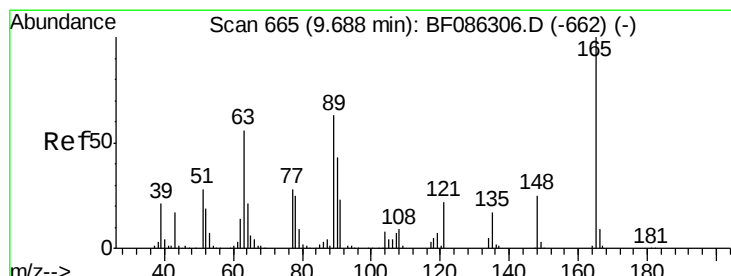
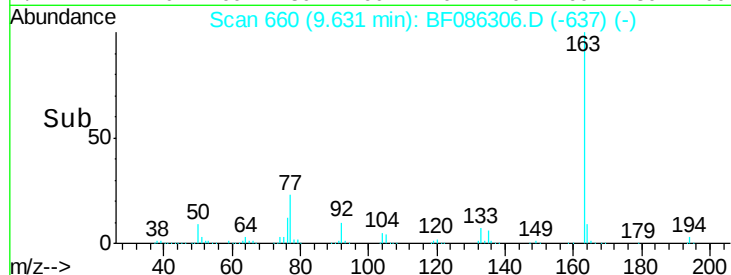
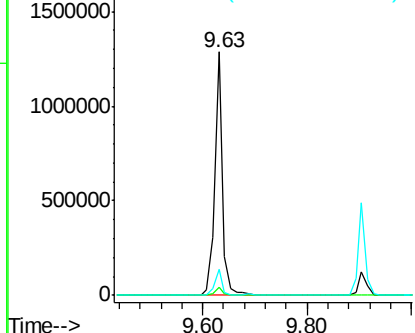
#49
Dimethylphthalate
Concen: 36.76 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:163 Resp: 1322754
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.6 8.4 12.6

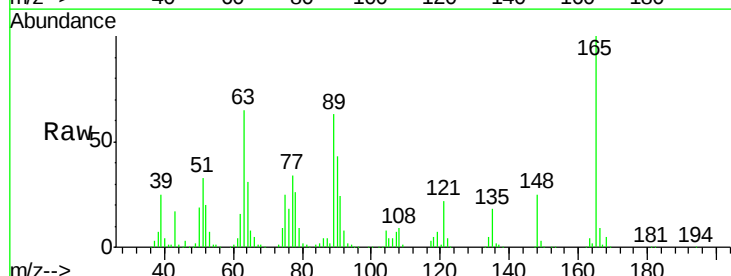


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

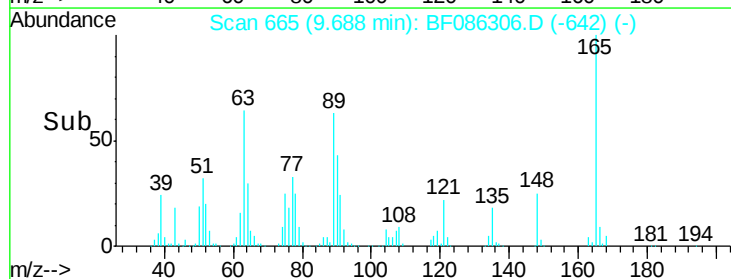
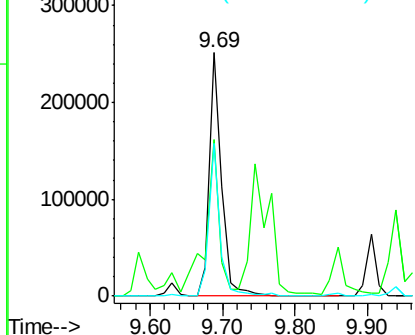


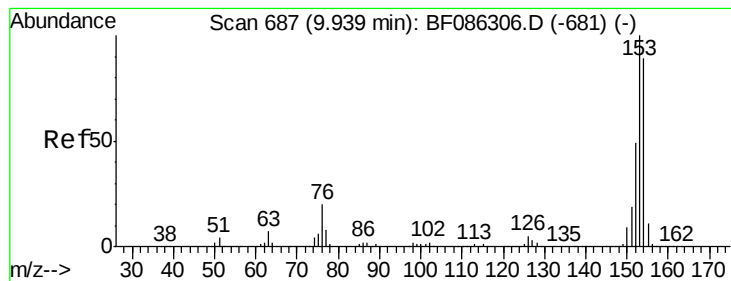
#50
2,6-Dinitrotoluene
Concen: 39.64 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:165 Resp: 293546
Ion Ratio Lower Upper
165 100
63 64.5 35.1 52.7#
89 62.9 39.8 59.6#



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: 39.79 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

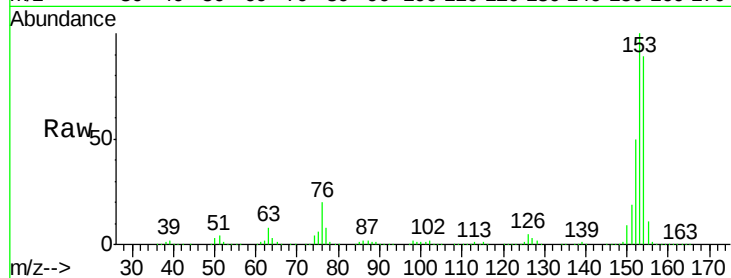
Tot Ion:154 Resp: 1025271

Ion Ratio Lower Upper

154 100

153 111.8 90.0 135.0

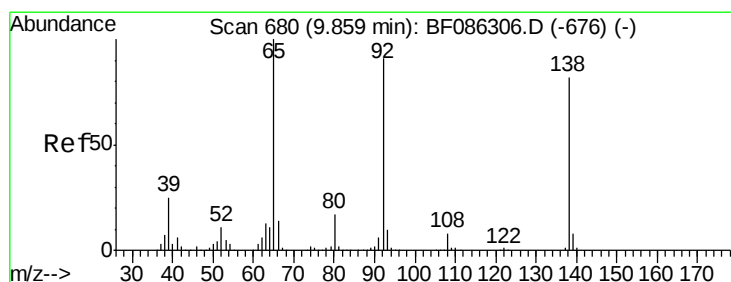
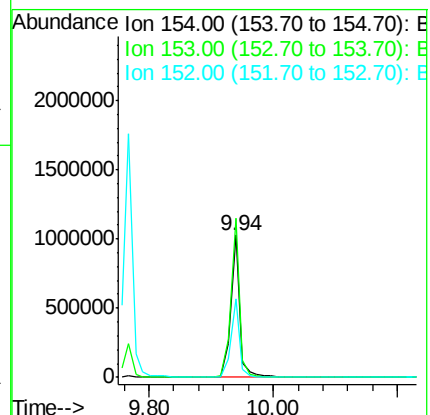
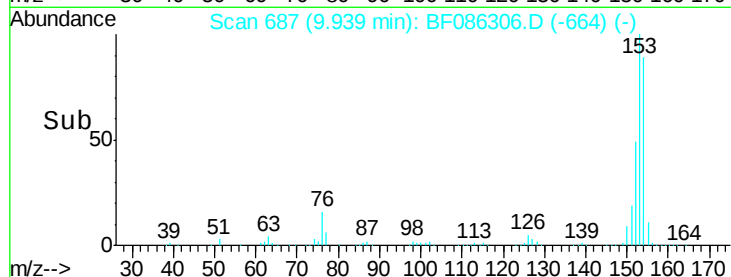
152 55.4 44.3 66.5



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: 40.03 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

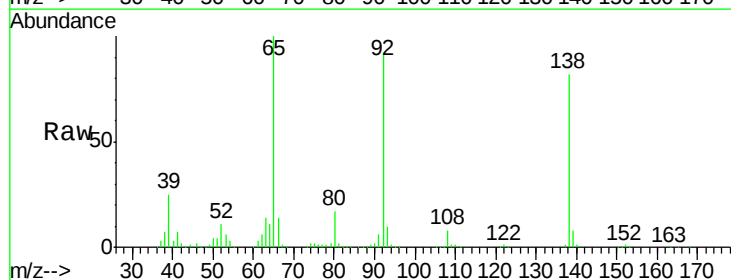
Tgt Ion:138 Resp: 376916

Ion Ratio Lower Upper

138 100

108 9.7 9.0 13.4

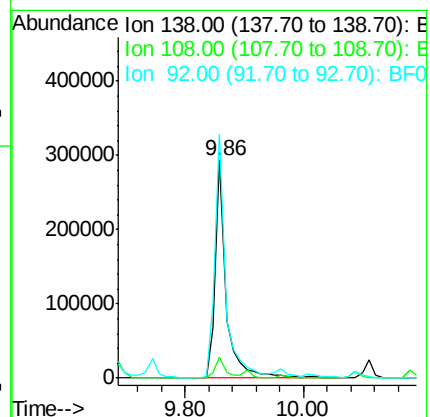
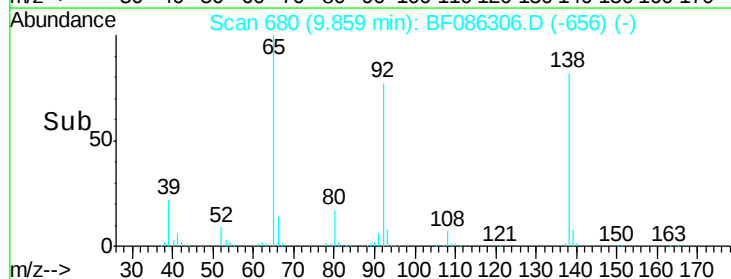
92 112.0 99.3 148.9

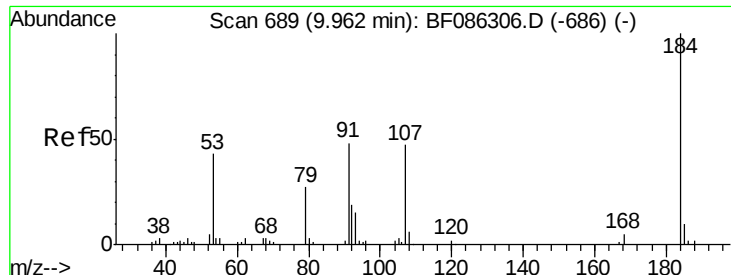


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

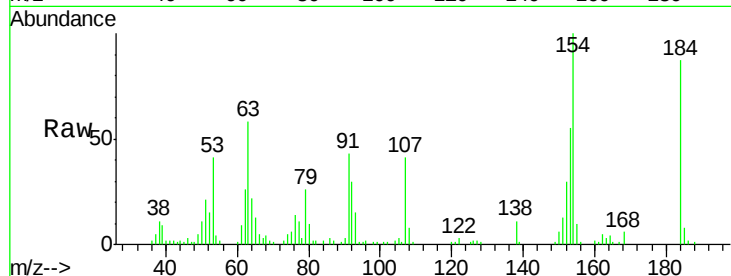




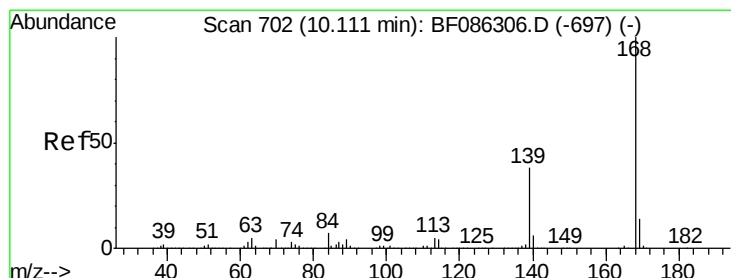
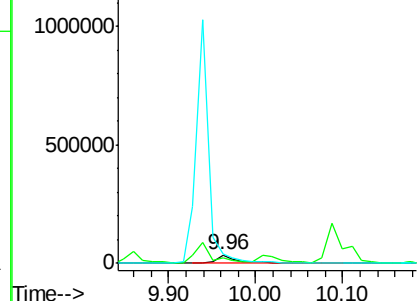
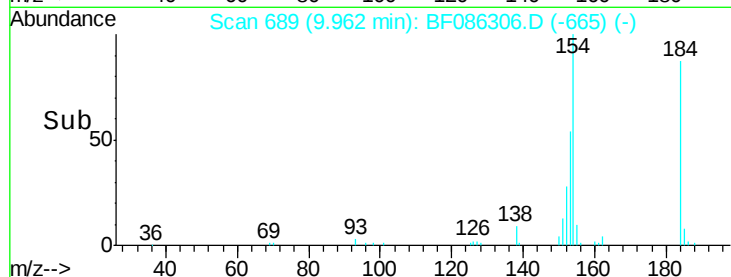
#53
 2,4-Dinitrophenol
 Concen: 41.89 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:184 Resp: 59424
 Ion Ratio Lower Upper
 184 100
 63 66.4 64.7 97.1
 154 114.5 59.4 89.2#

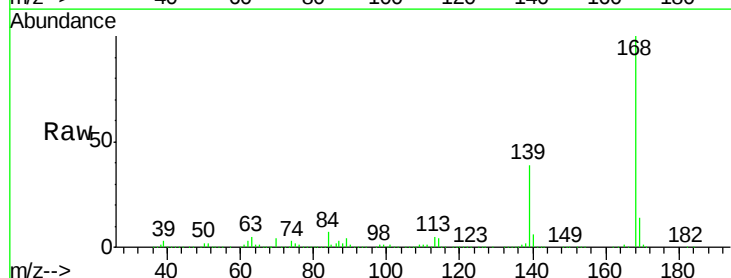


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

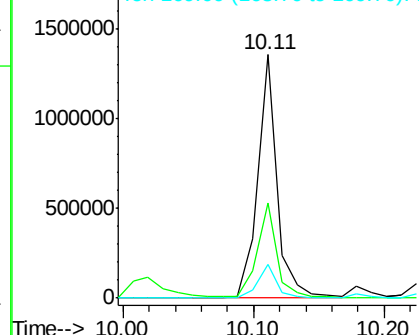
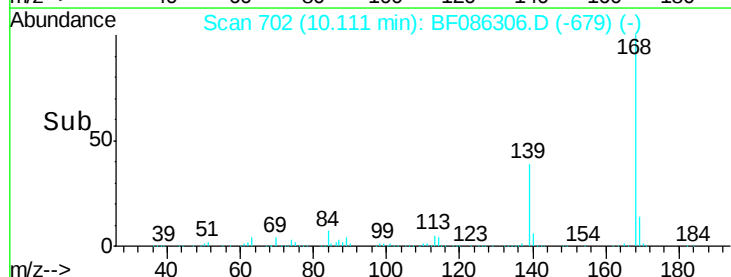


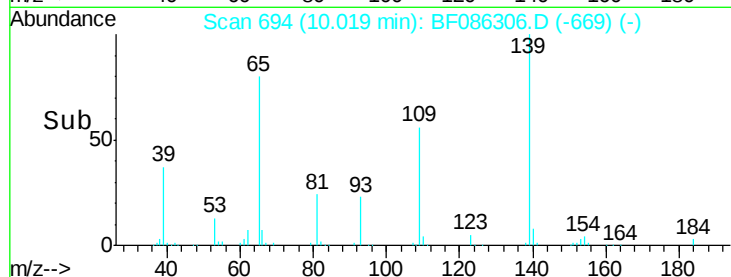
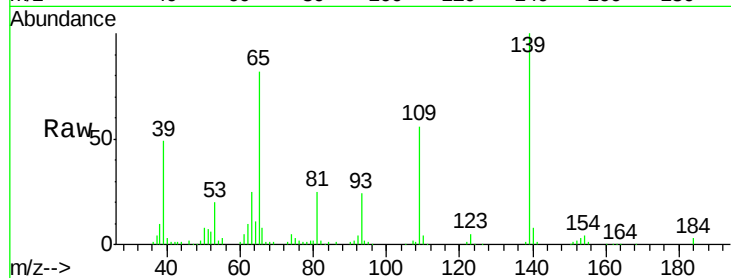
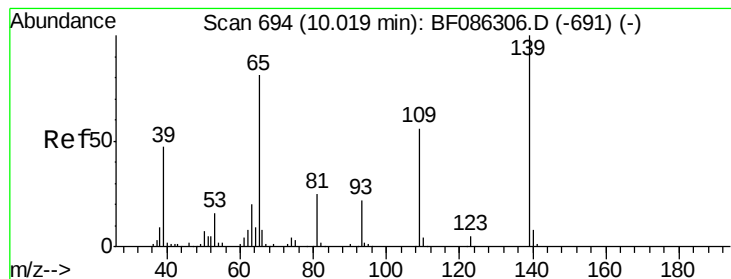
#54
 Dibenzofuran
 Concen: 40.14 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion:168 Resp: 1406172
 Ion Ratio Lower Upper
 168 100
 139 39.0 29.5 44.3
 169 13.7 10.6 16.0



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: 39.68 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

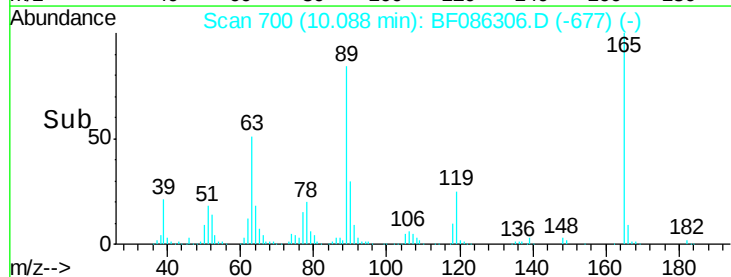
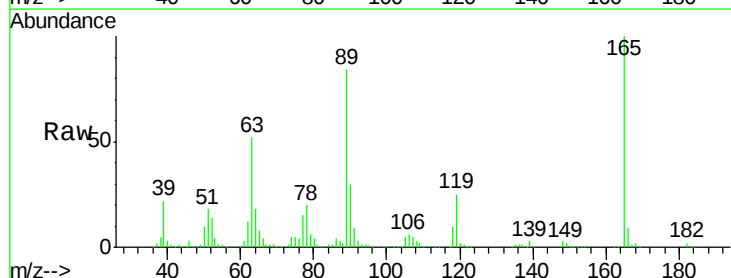
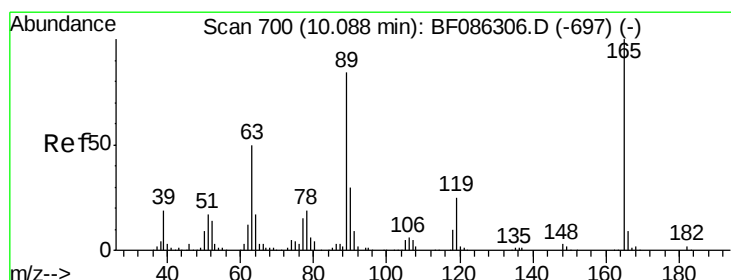
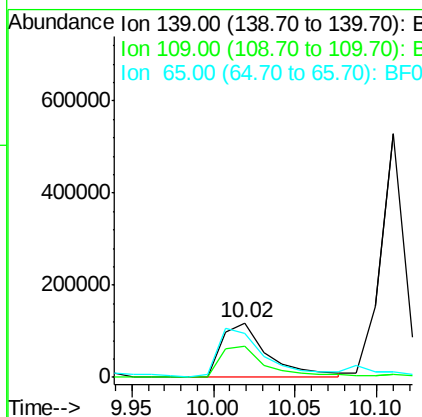
Tot Ion:139 Resp: 231718

Ion Ratio Lower Upper

139 100

109 56.4 55.0 95.0

65 82.3 87.3 127.3#



#56

2,4-Dinitrotoluene

Concen: 39.43 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Tgt Ion:165 Resp: 362924

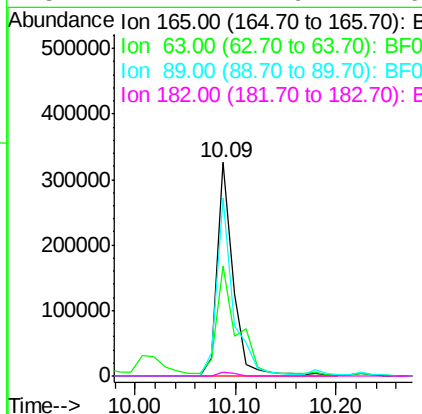
Ion Ratio Lower Upper

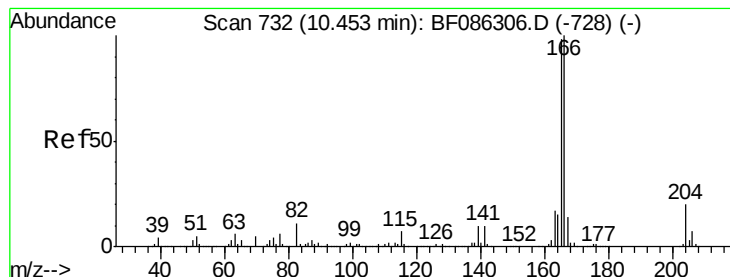
165 100

63 51.6 26.6 40.0#

89 83.5 49.5 74.3#

182 2.1 1.9 2.9





#57

Fluorene

Concen: 40.53 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

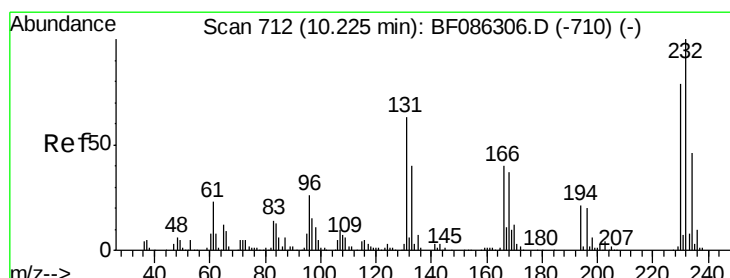
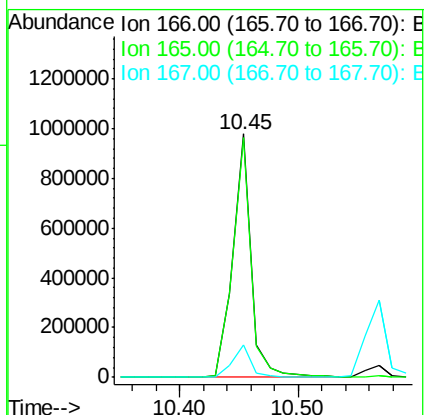
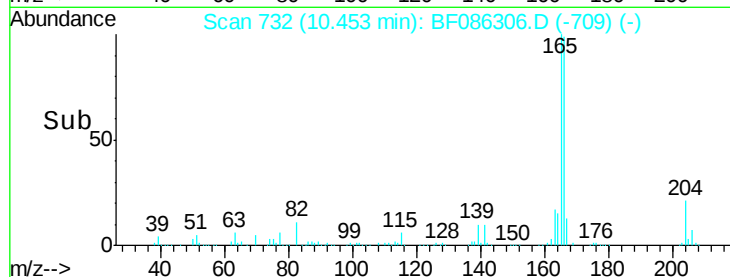
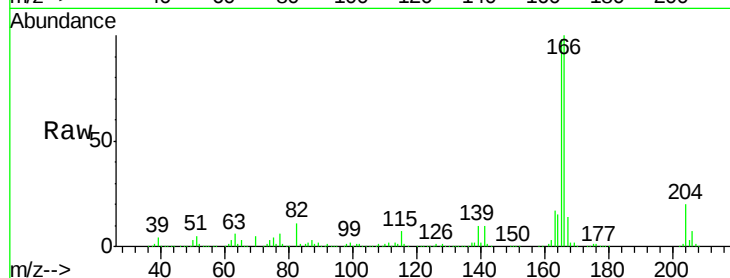
Tot Ion:166 Resp: 1052341

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

167 13.5 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.57 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Tgt Ion:232 Resp: 265152

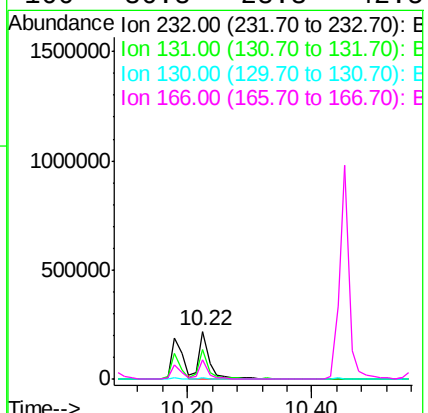
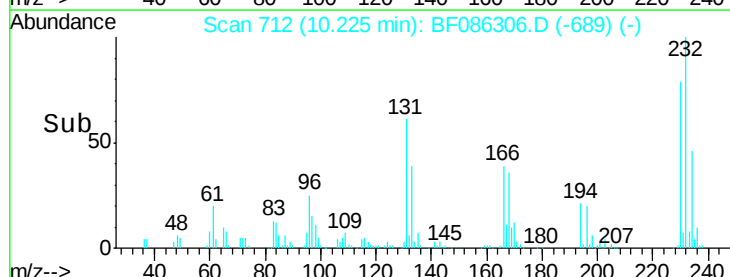
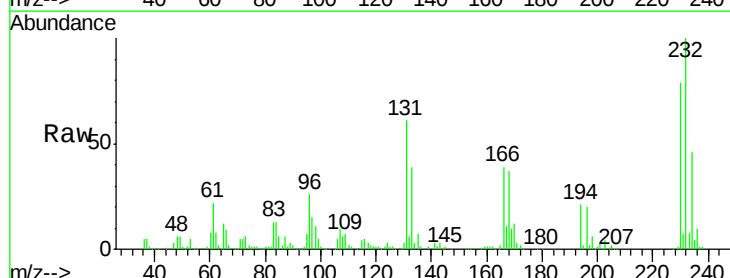
Ion Ratio Lower Upper

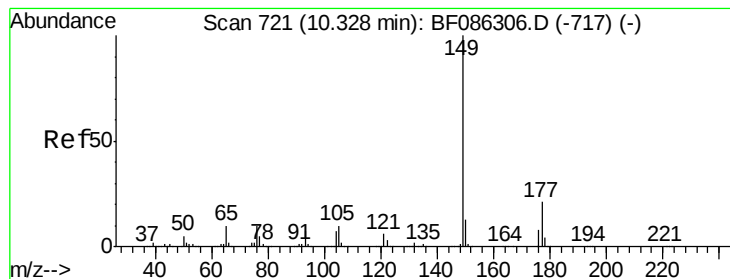
232 100

131 55.2 46.6 70.0

130 2.8 2.5 3.7

166 36.8 28.3 42.5





#59

Diethylphthalate

Concen: 37.37 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

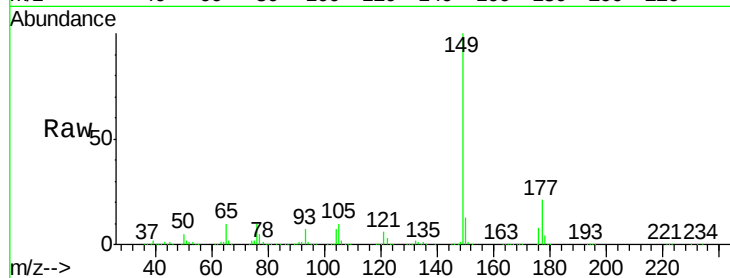
Tot Ion:149 Resp: 1312189

Ion Ratio Lower Upper

149 100

177 21.0 17.0 25.6

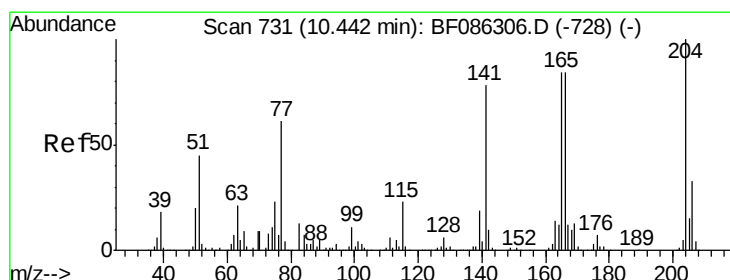
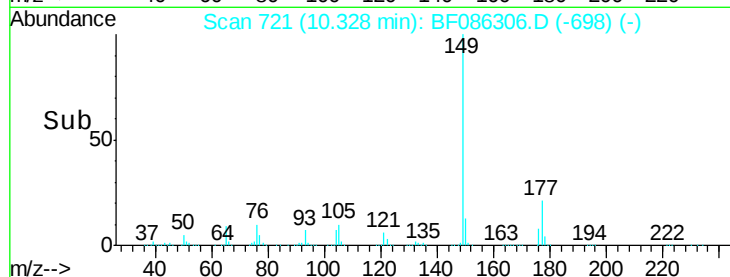
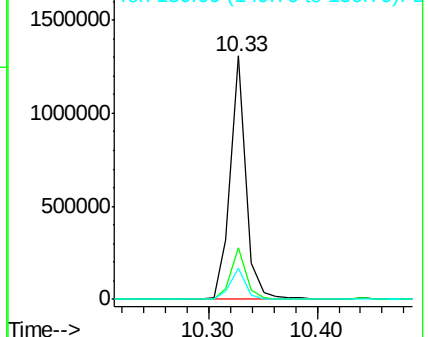
150 12.9 10.2 15.4



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: 38.08 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

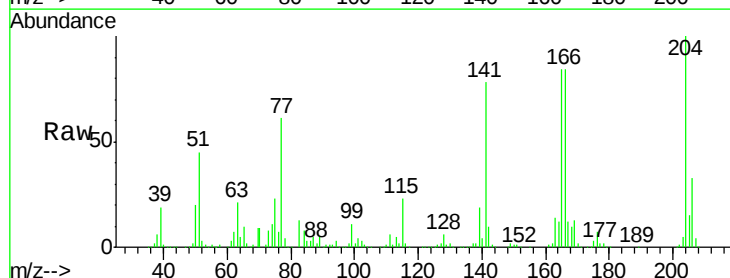
Tgt Ion:204 Resp: 457862

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

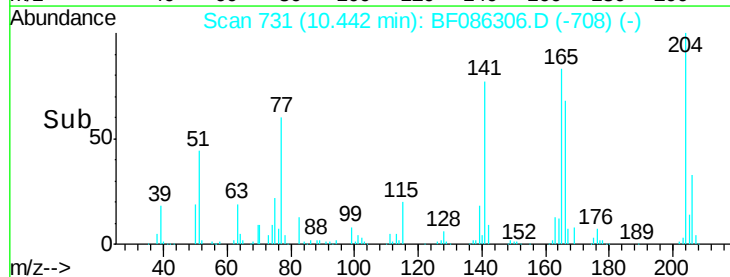
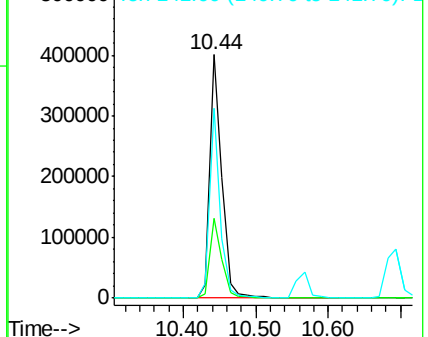
141 78.2 55.4 83.0

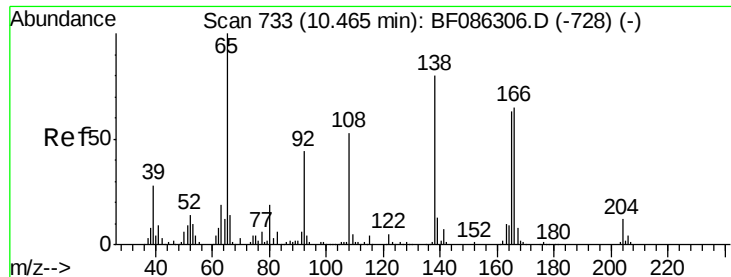


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

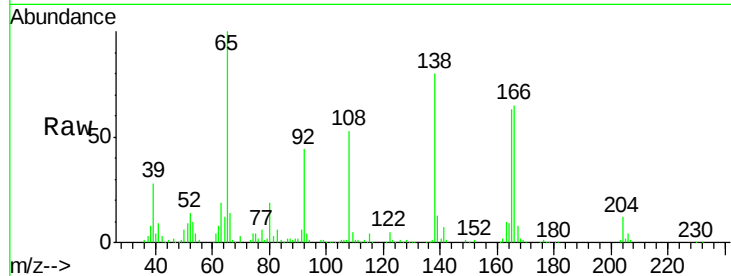




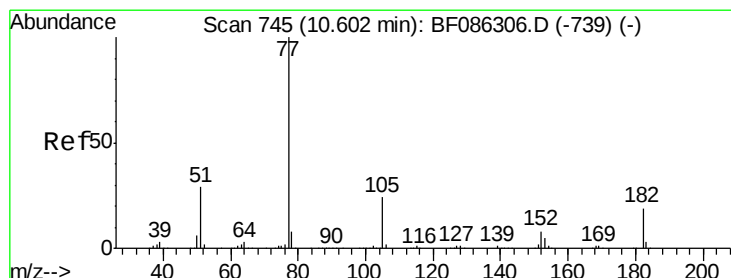
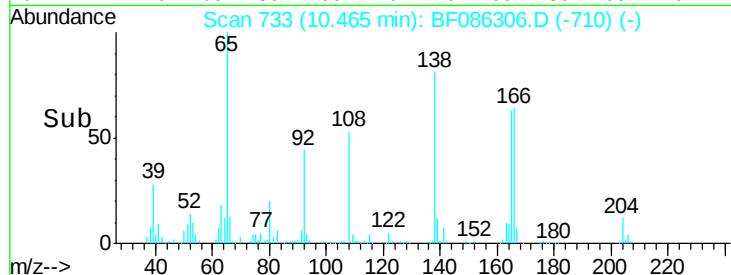
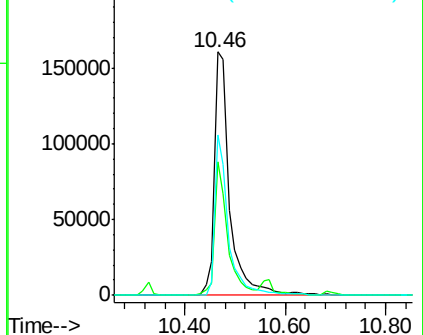
#61
4-Nitroaniline
Concen: 38.79 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:138 Resp: 341894
Ion Ratio Lower Upper
138 100
92 55.1 31.9 71.9
108 66.0 58.7 98.7

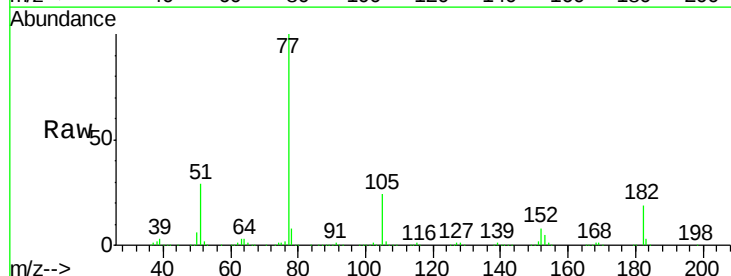


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

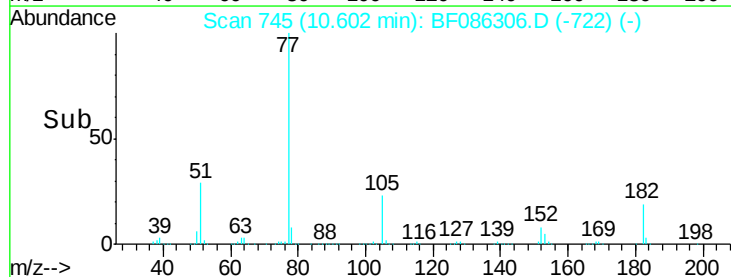
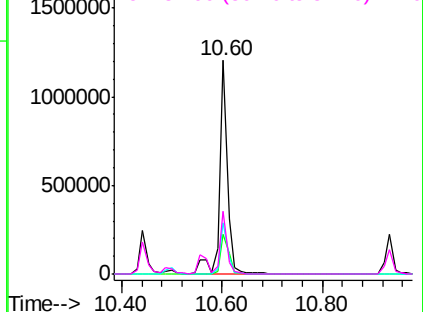


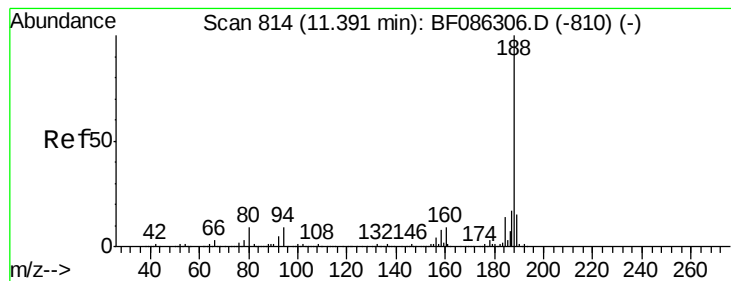
#62
Azobenzene
Concen: 38.15 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion: 77 Resp: 1320475
Ion Ratio Lower Upper
77 100
182 18.8 2.3 42.3
105 23.8 3.4 43.4
51 29.2 11.7 51.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

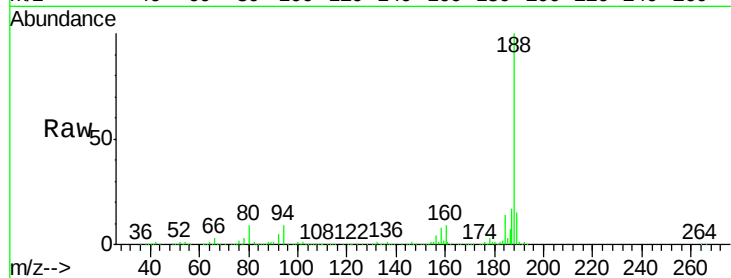
Tot Ion:188 Resp: 763947

Ion Ratio Lower Upper

188 100

94 8.5 9.8 14.8#

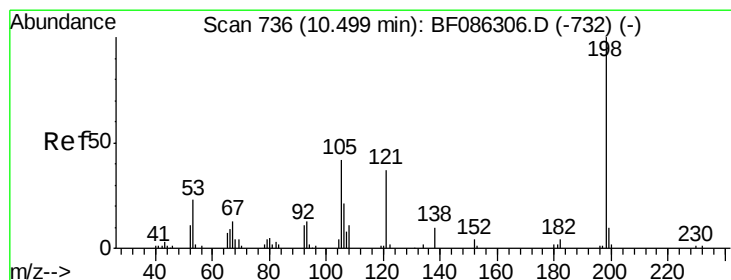
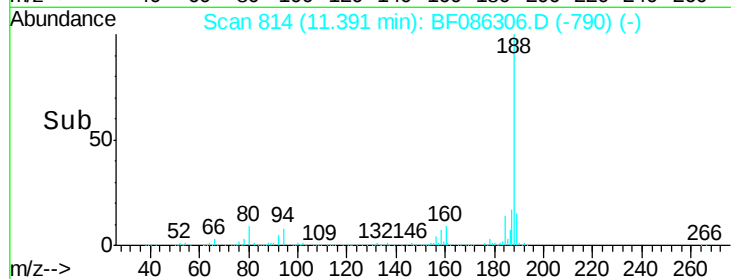
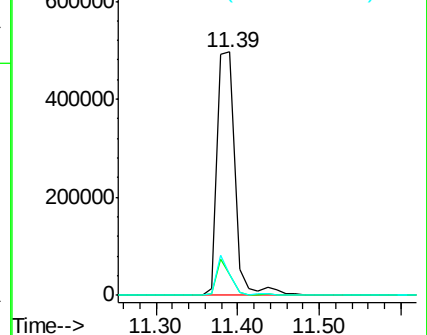
80 8.7 10.5 15.7#



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: 41.32 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

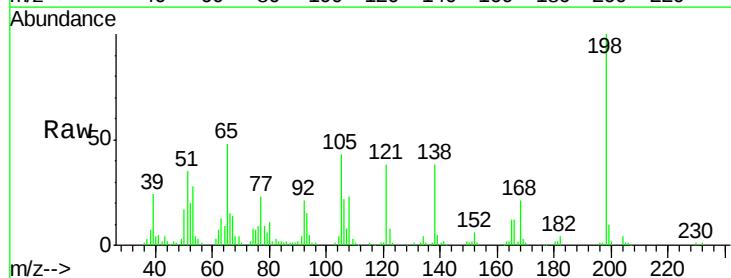
Tgt Ion:198 Resp: 96958

Ion Ratio Lower Upper

198 100

51 34.8 56.5 96.5#

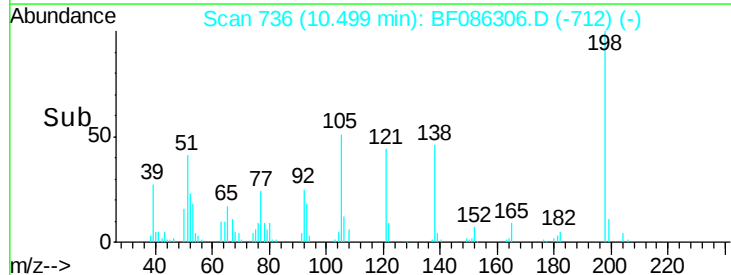
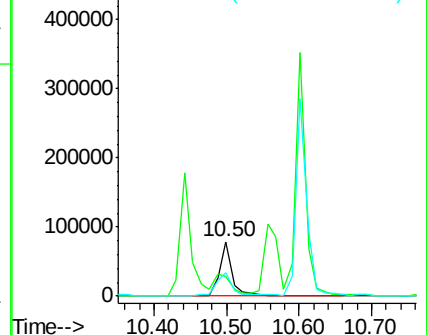
105 42.9 48.0 88.0#

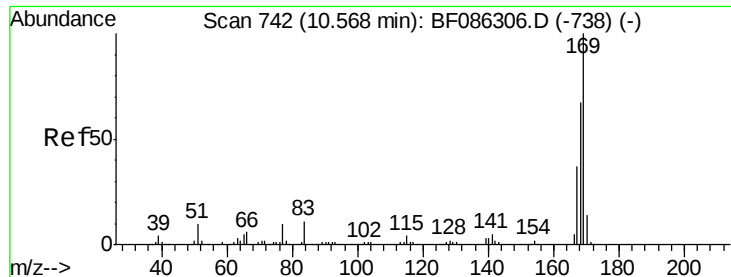


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

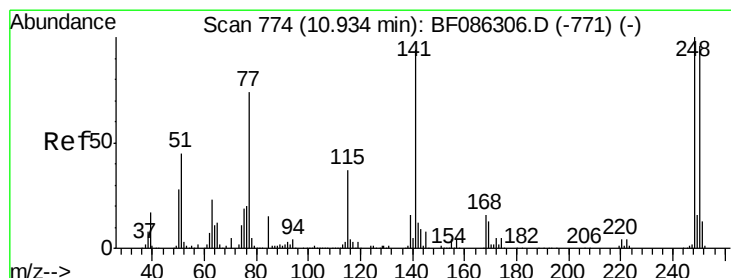
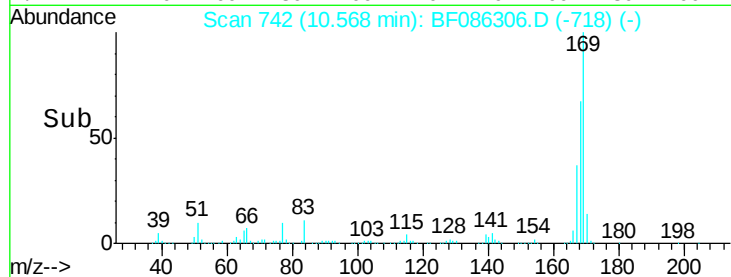
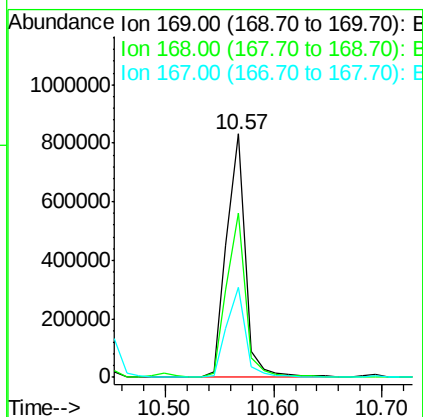
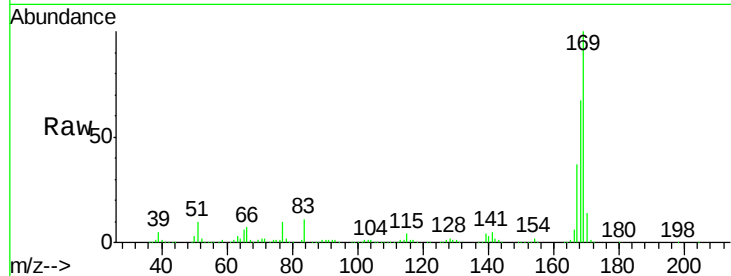




#65
 n-Nitrosodiphenylamine
 Concen: 39.69 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

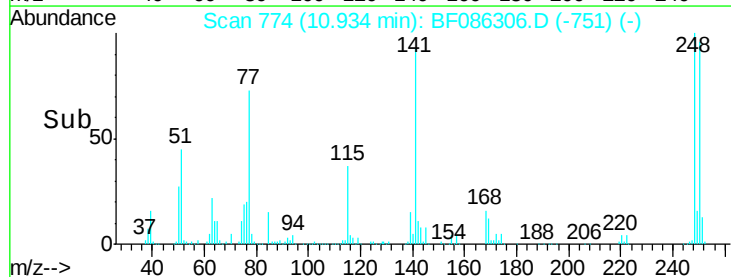
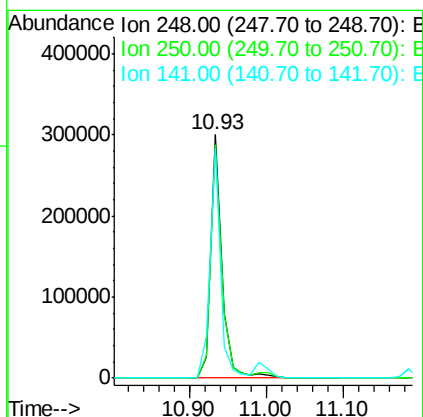
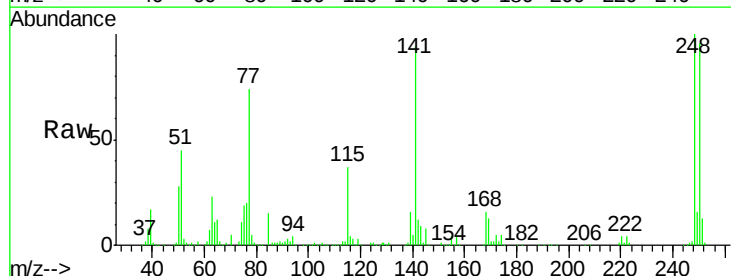
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

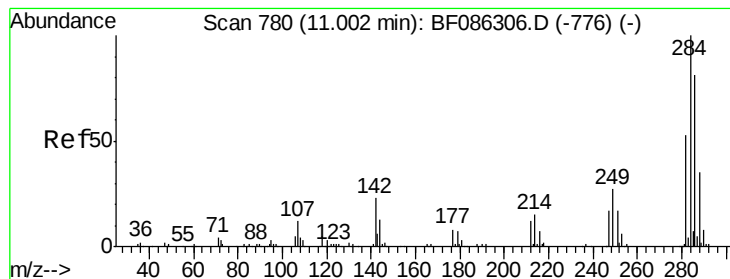
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.3	81.5
167	37.2	30.2	45.2



#66
 4-Bromophenyl-phenylether
 Concen: 37.16 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.6	118.0
141	94.3	57.9	86.9





#67

Hexachlorobenzene

Concen: 38.46 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

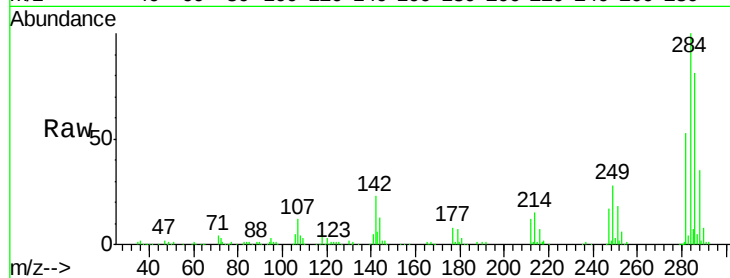
Tot Ion:284 Resp: 316841

Ion Ratio Lower Upper

284 100

142 23.3 42.6 64.0#

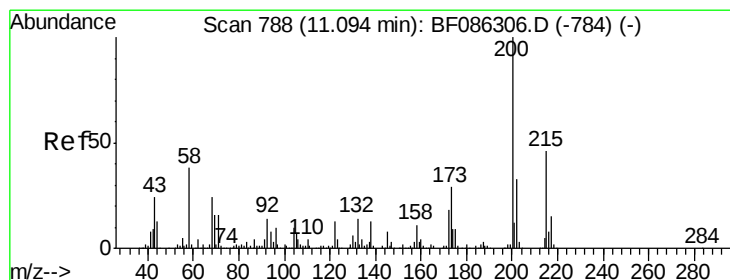
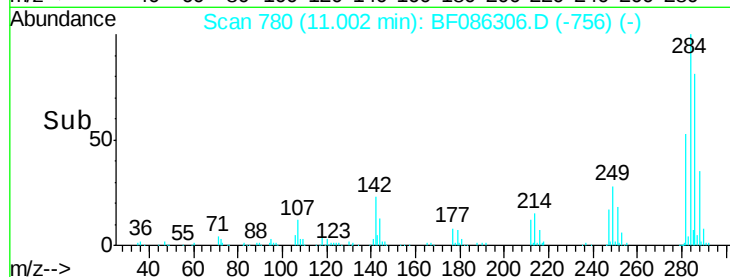
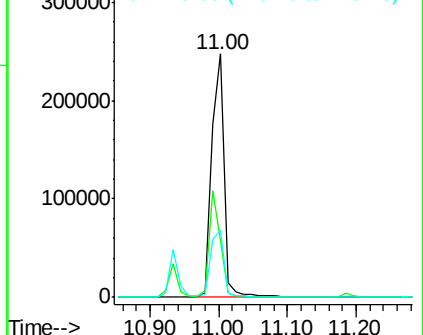
249 27.8 25.9 38.9



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: 39.93 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

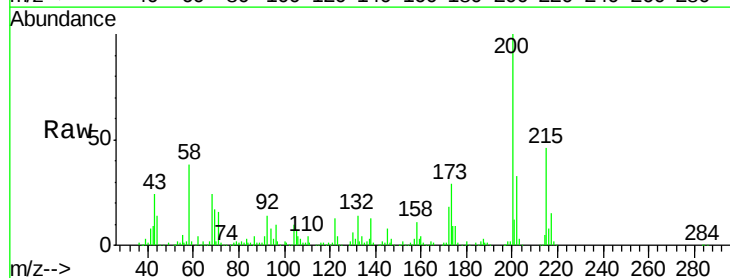
Tgt Ion:200 Resp: 308868

Ion Ratio Lower Upper

200 100

173 29.0 11.2 51.2

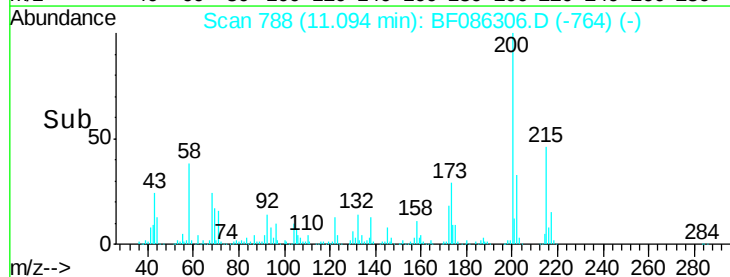
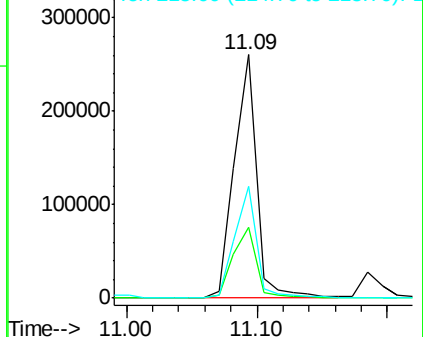
215 46.0 24.0 64.0

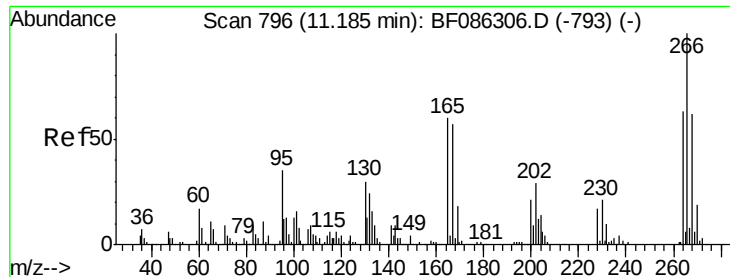


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

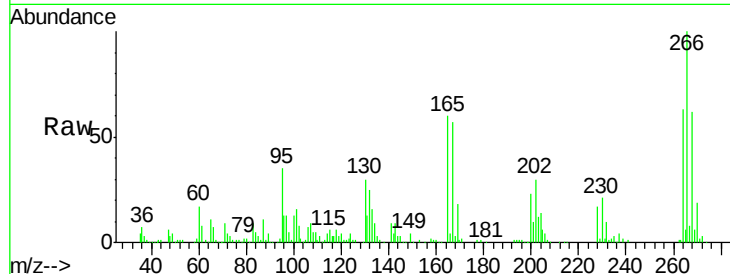




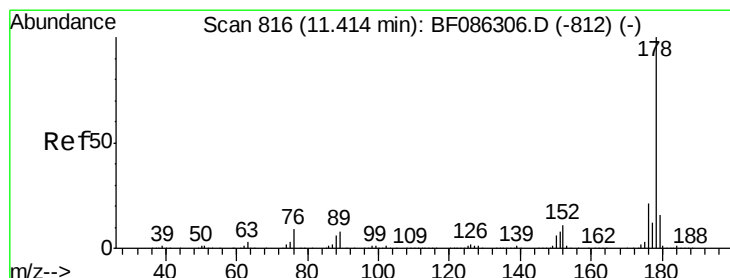
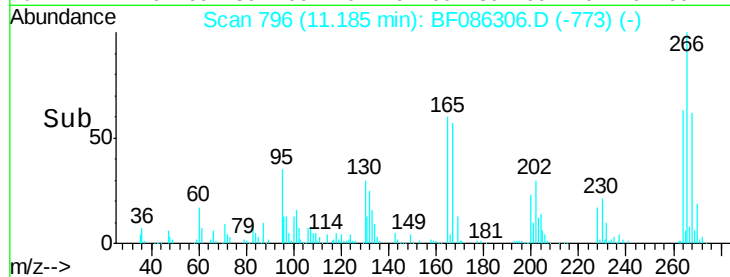
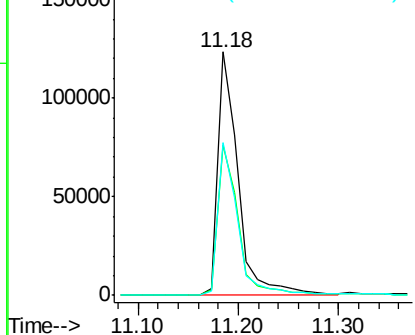
#69
 Pentachlorophenol
 Concen: 40.21 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:266 Resp: 173522
 Ion Ratio Lower Upper
 266 100
 268 61.9 53.0 79.4
 264 62.6 51.3 76.9

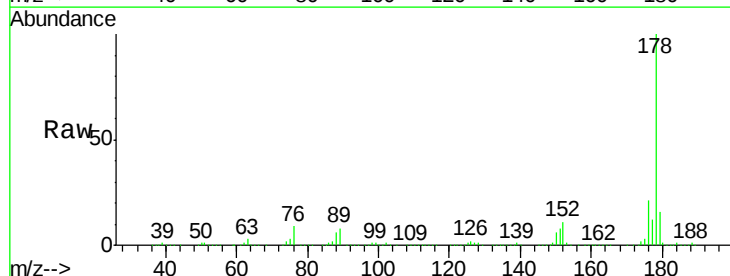


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

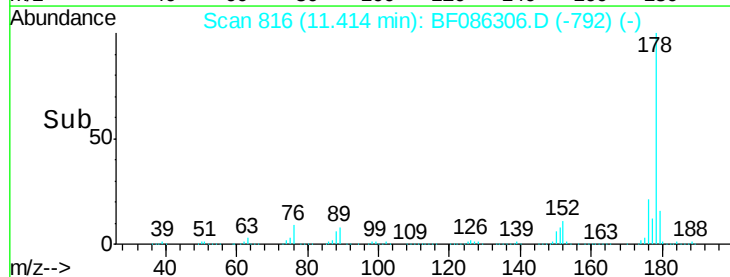
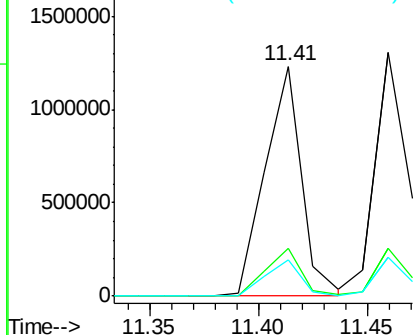


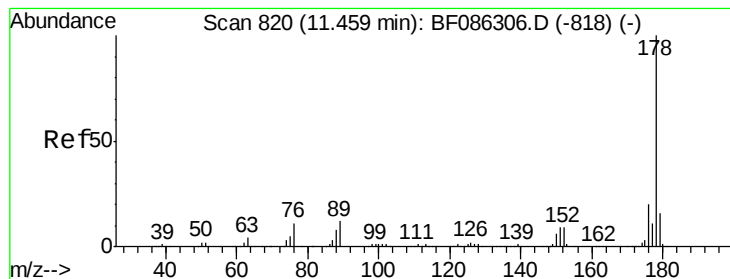
#70
 Phenanthrene
 Concen: 39.89 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion:178 Resp: 1444255
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.3 24.5
 179 15.6 13.0 19.6



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





#71

Anthracene

Concen: 38.36 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

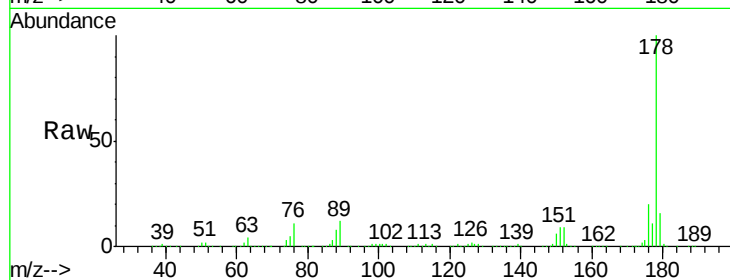
Tot Ion:178 Resp: 1487055

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

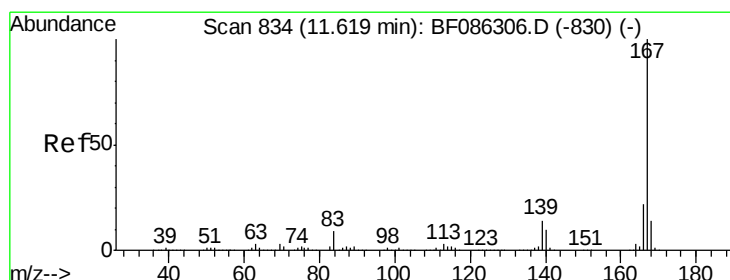
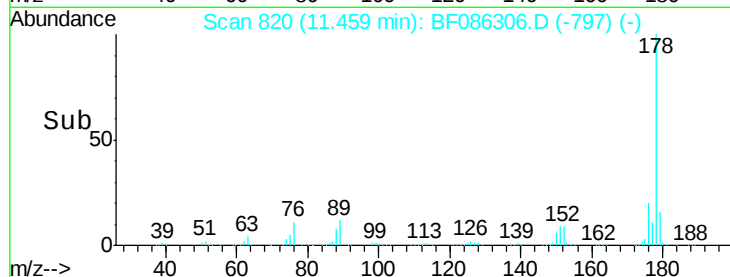
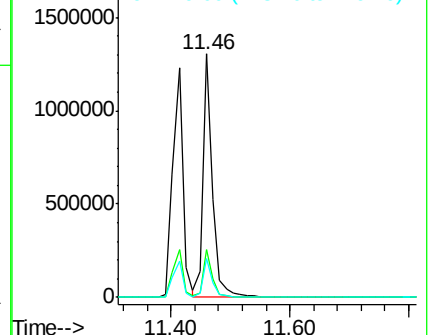
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.77 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

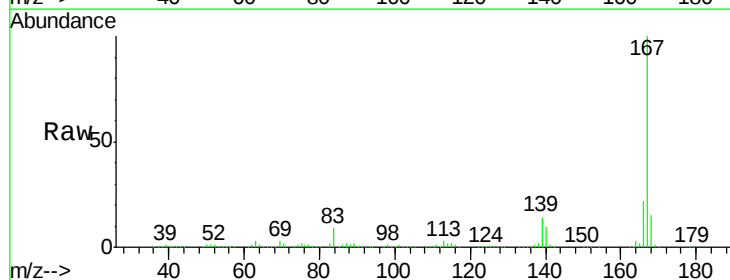
Tgt Ion:167 Resp: 1422478

Ion Ratio Lower Upper

167 100

166 22.2 18.3 27.5

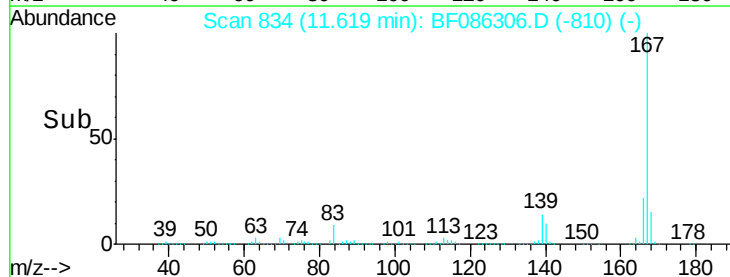
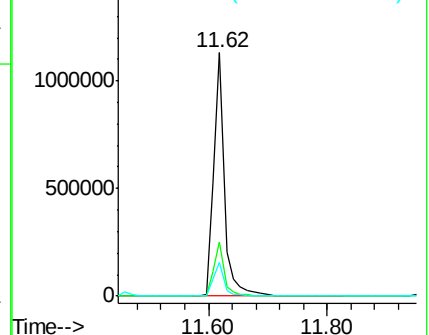
139 13.8 12.3 18.5

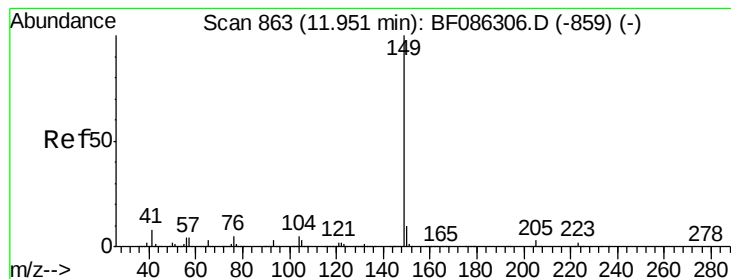


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.65 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

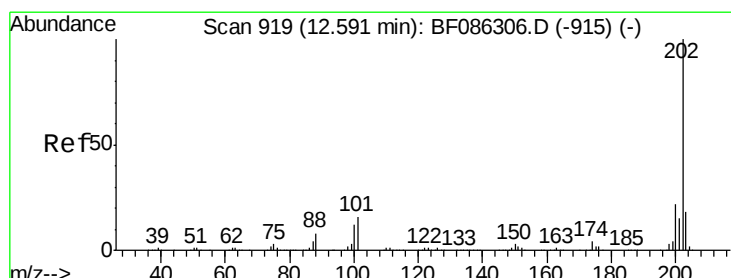
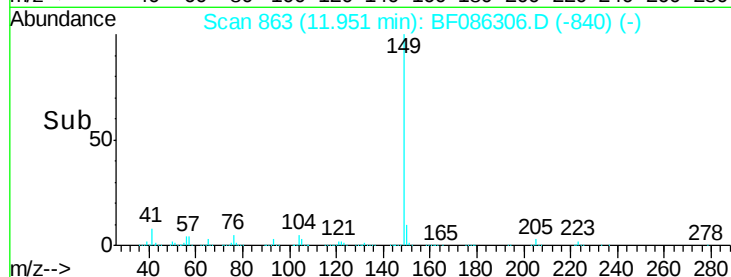
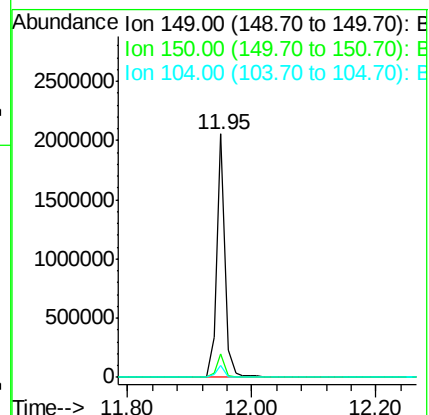
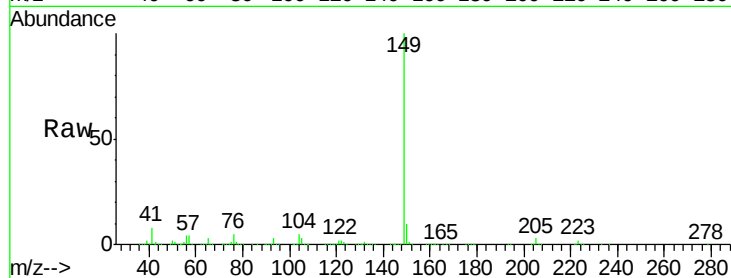
Tot Ion:149 Resp: 1872820

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

104 4.9 4.1 6.1



#74

Fluoranthene

Concen: 36.78 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

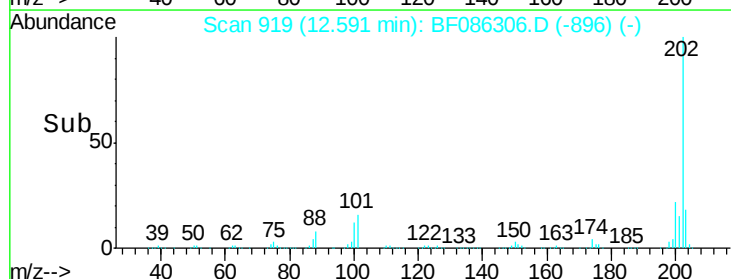
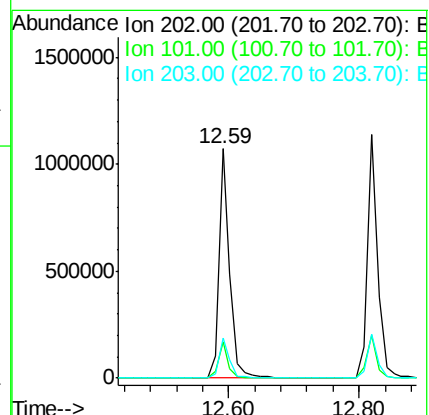
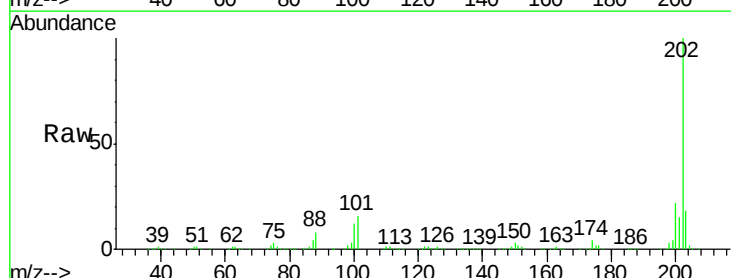
Tgt Ion:202 Resp: 1234406

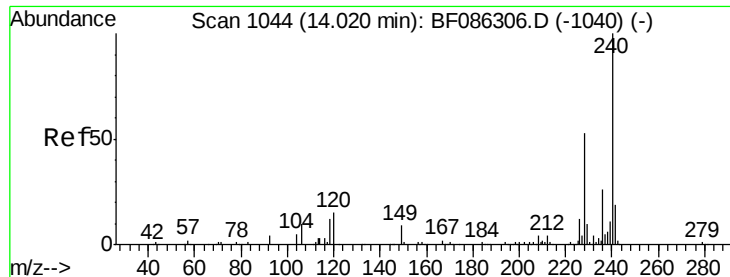
Ion Ratio Lower Upper

202 100

101 15.9 0.0 35.2

203 17.6 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

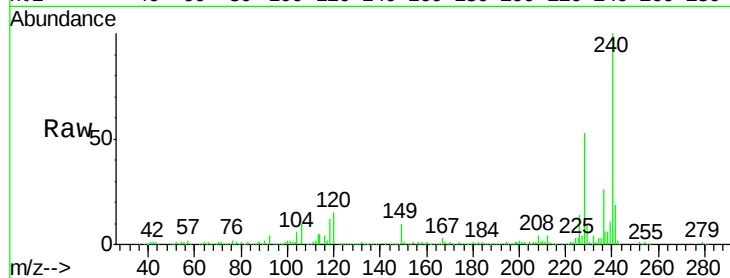
Tot Ion:240 Resp: 438364

Ion Ratio Lower Upper

240 100

120 14.6 9.3 13.9#

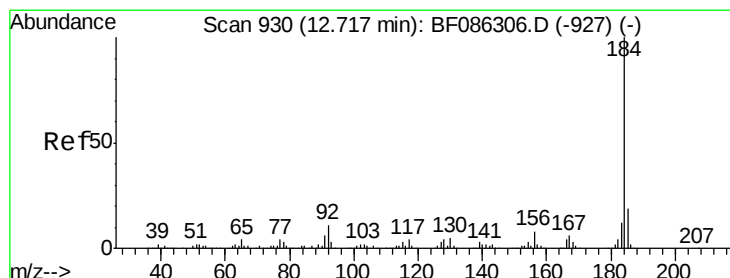
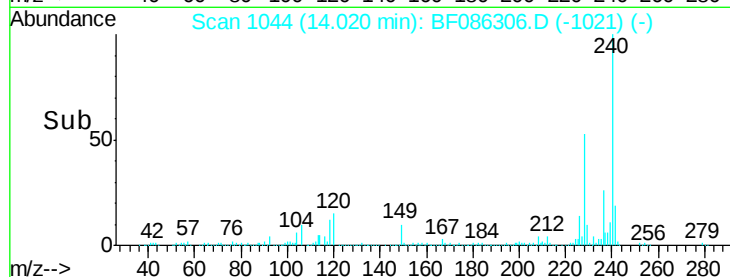
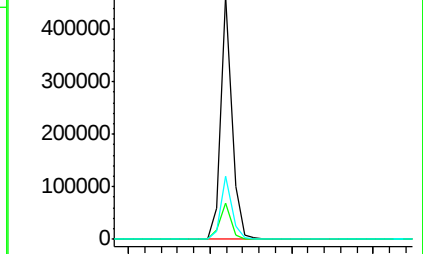
236 25.9 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.61 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

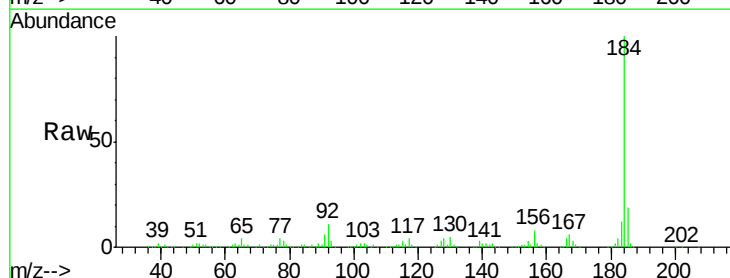
Tgt Ion:184 Resp: 727897

Ion Ratio Lower Upper

184 100

185 19.2 14.2 21.2

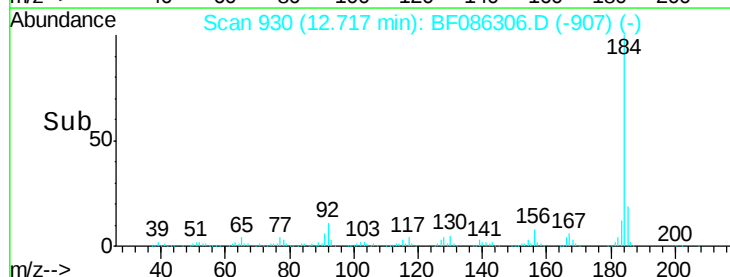
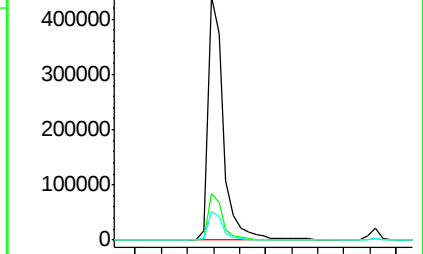
183 11.8 9.8 14.6

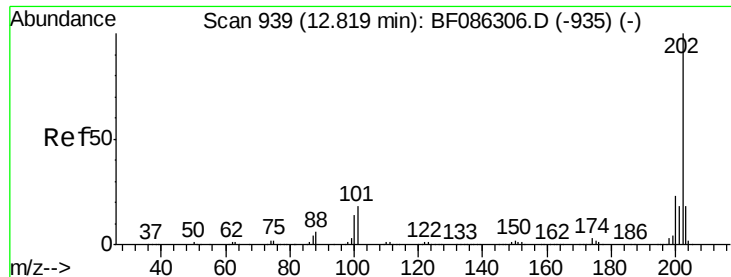


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

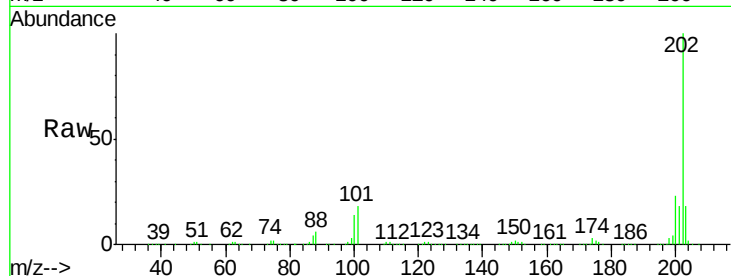




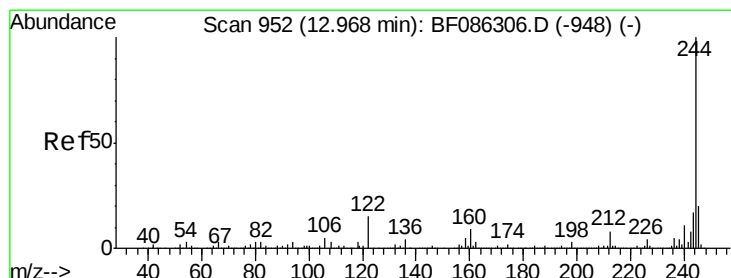
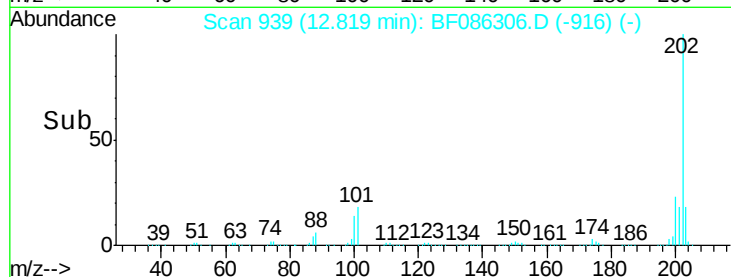
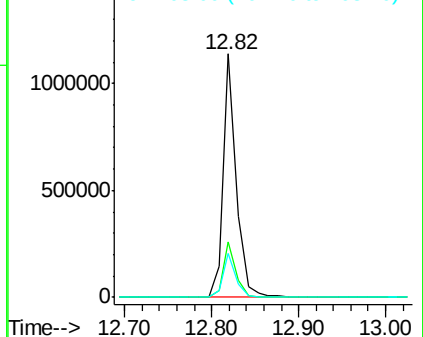
#77
Pvrene
Concen: 37.11 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:202 Resp: 1206847
Ion Ratio Lower Upper
202 100
200 22.5 18.3 27.5
203 18.0 14.9 22.3

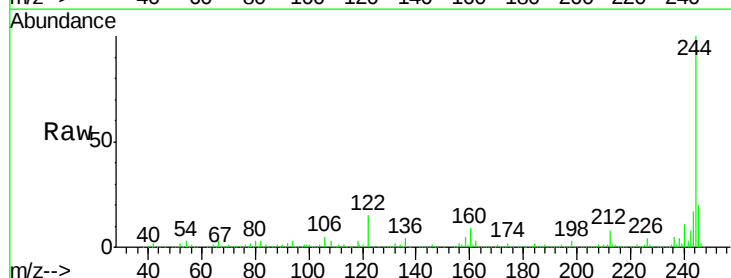


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

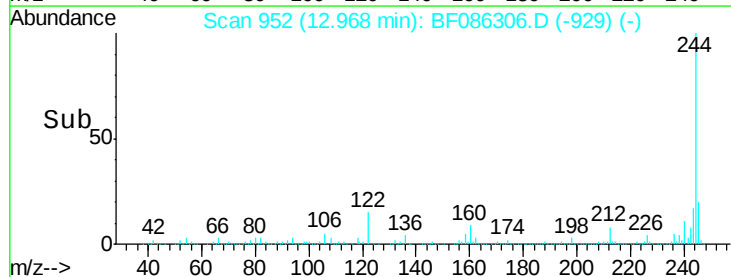
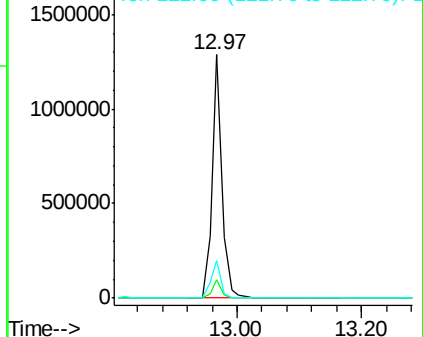


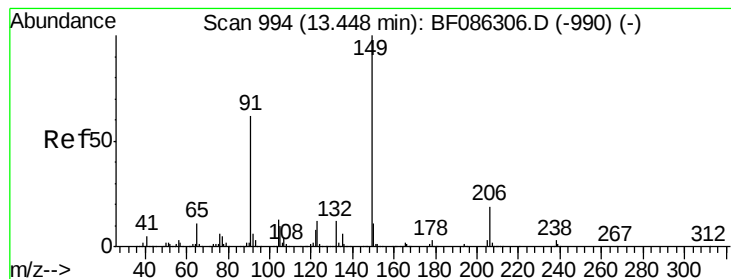
#78
Terphenyl-d14
Concen: 75.05 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:244 Resp: 1382045
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 15.2 11.7 17.5



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: 40.50 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

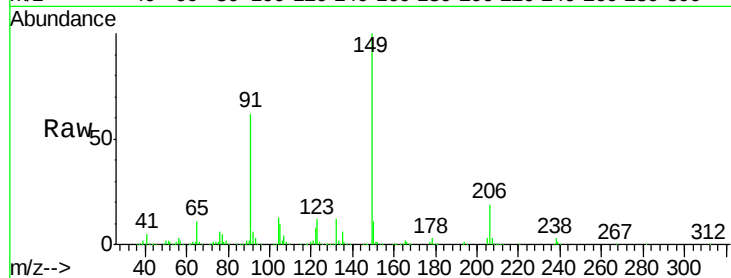
Tot Ion:149 Resp: 695204

Ion Ratio Lower Upper

149 100

91 61.8 48.7 73.1

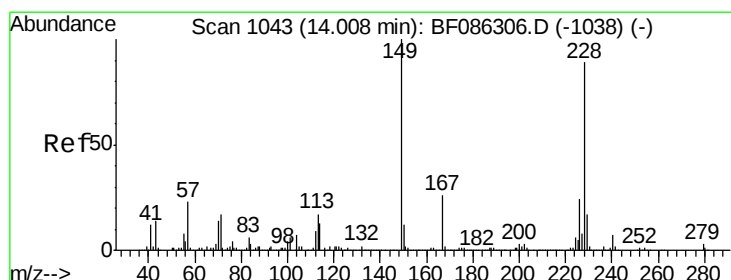
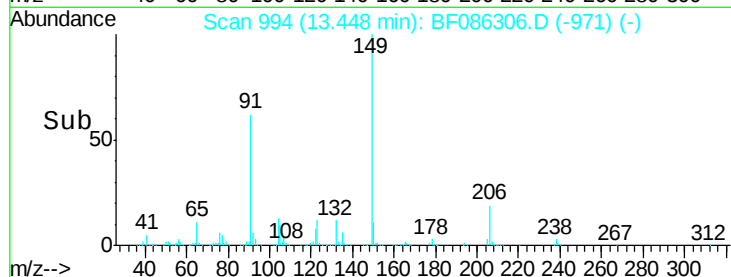
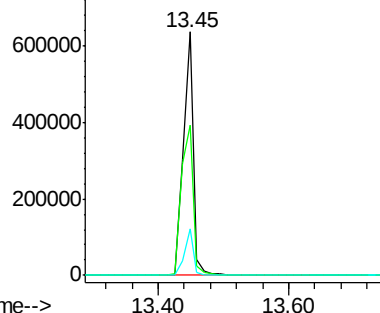
206 19.3 15.7 23.5



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: 39.81 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

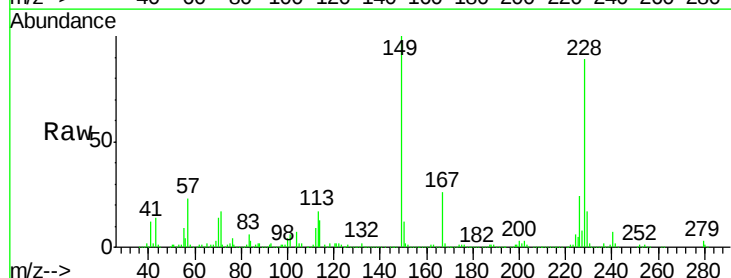
Tgt Ion:228 Resp: 919347

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

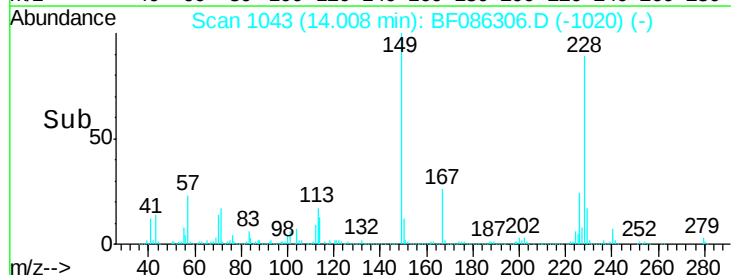
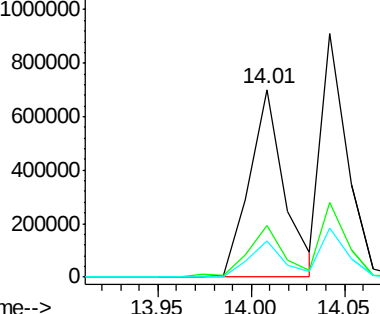
229 19.6 16.2 24.2

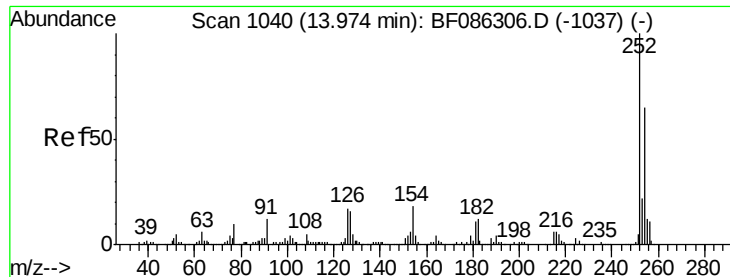


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

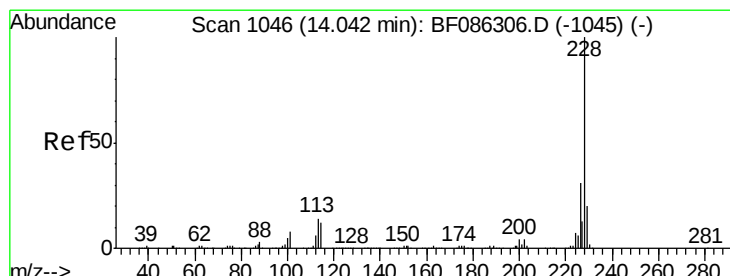
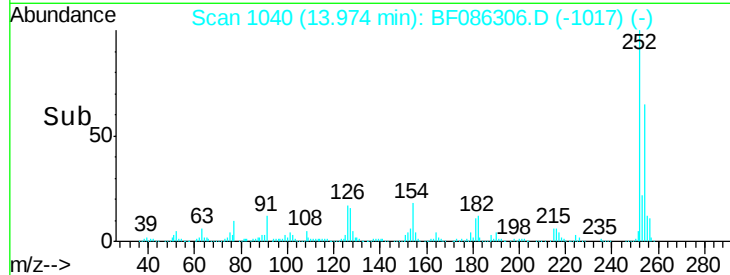
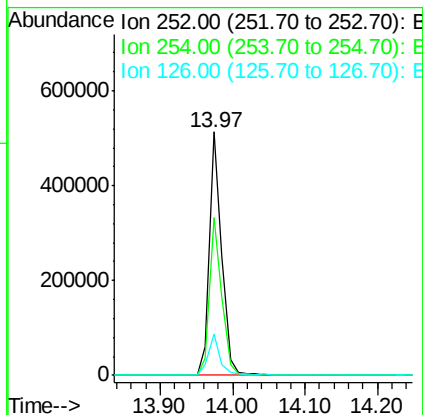
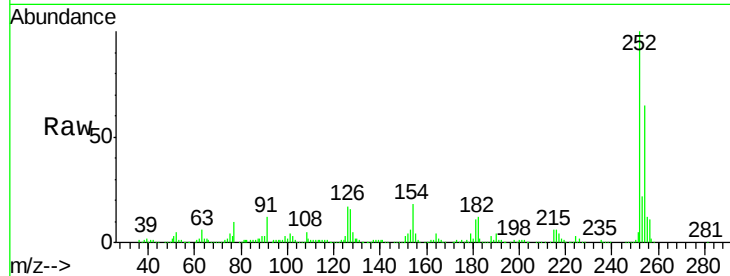




#81
 3,3'-Dichlorobenzidine
 Concen: 37.78 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

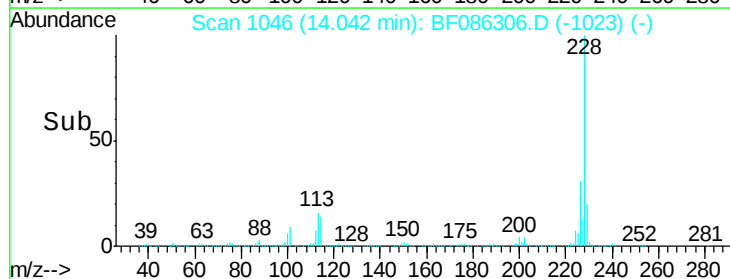
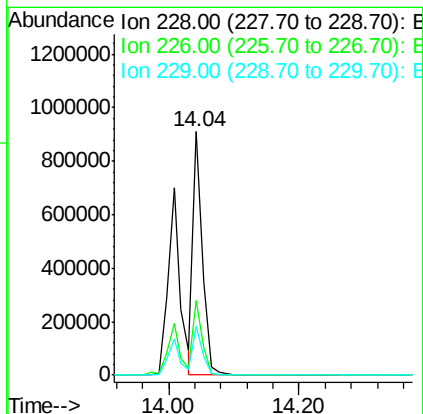
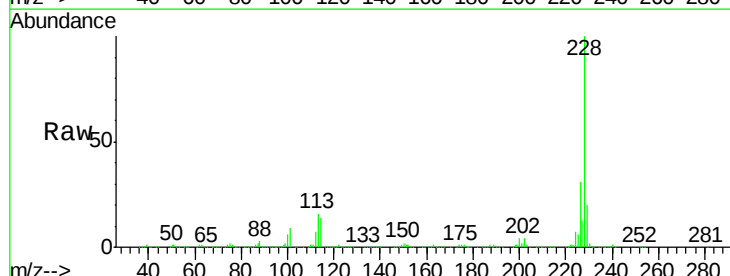
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

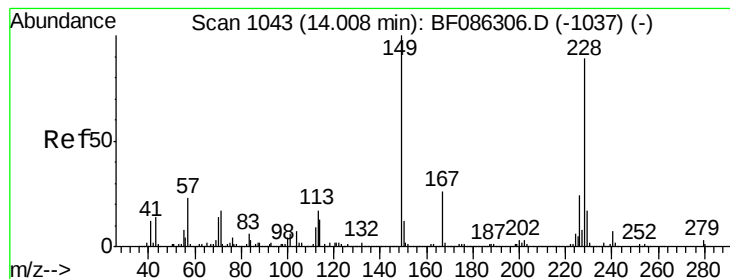
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	17.0	13.2	19.8



#82
 Chrysene
 Concen: 36.19 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	19.9	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.49 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

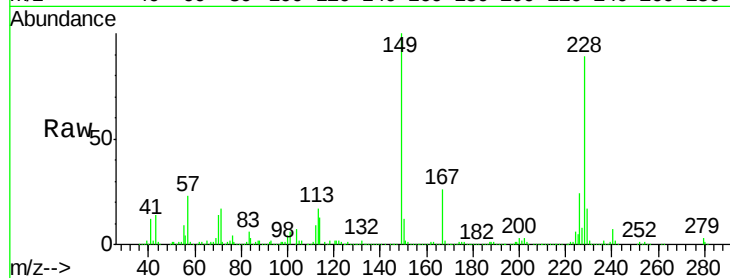
Tot Ion:149 Resp: 793901

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

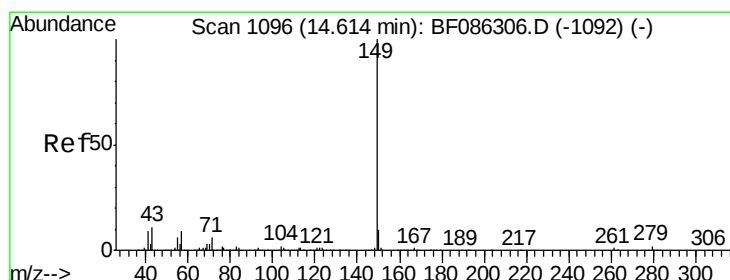
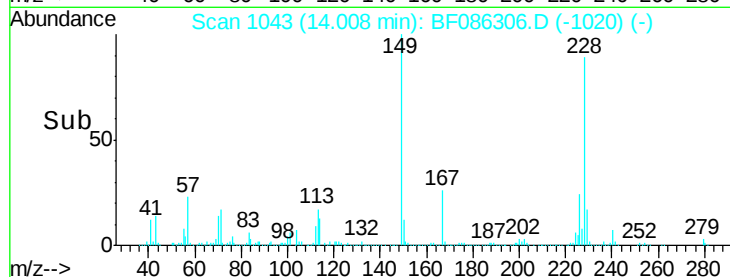
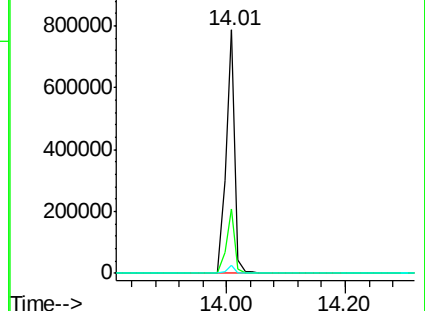
279 3.1 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.20 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

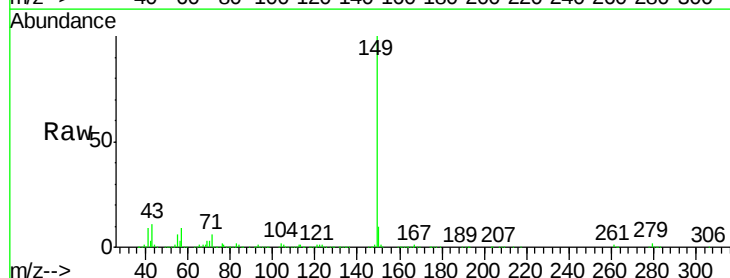
Tgt Ion:149 Resp: 1420118

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

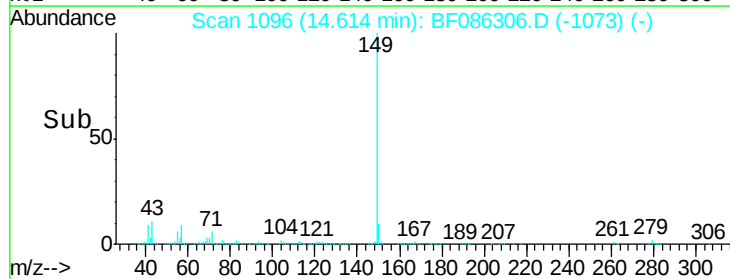
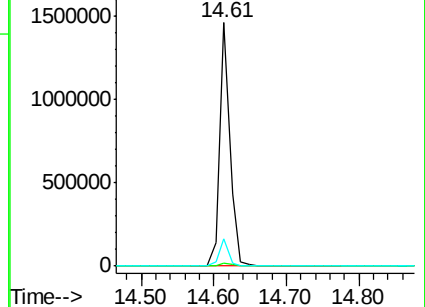
43 10.3 9.1 13.7

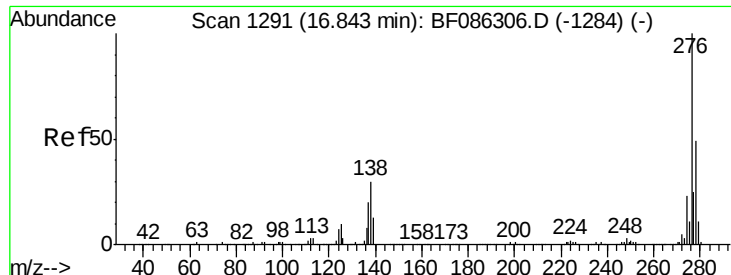


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



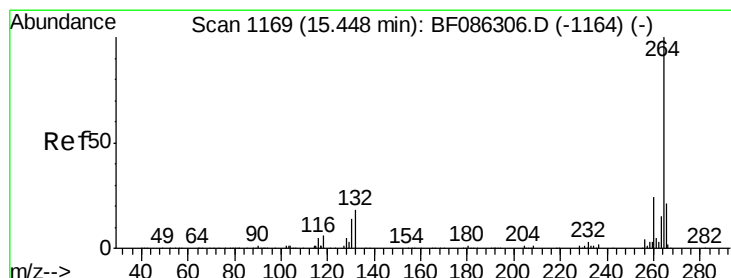
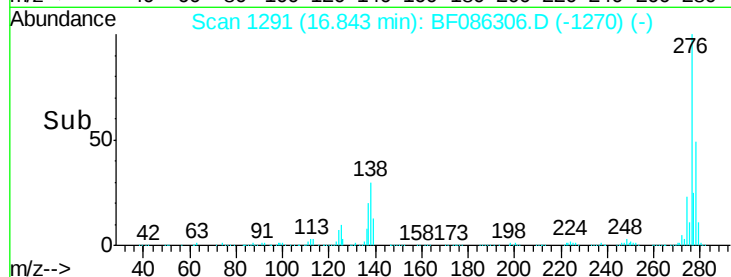
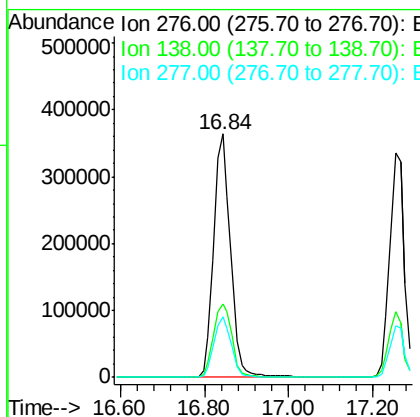
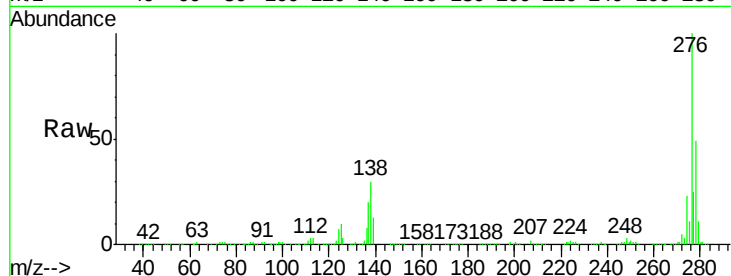


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.94 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:276 Resp: 1024986

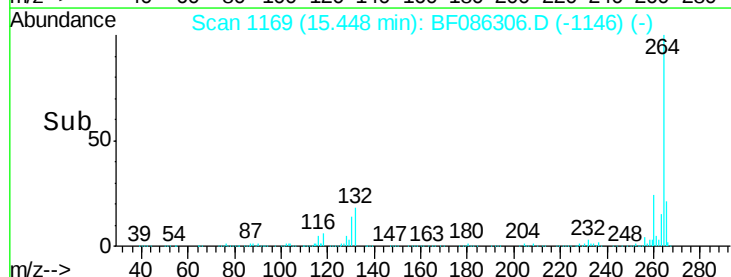
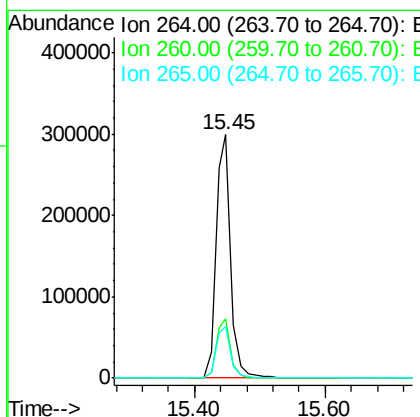
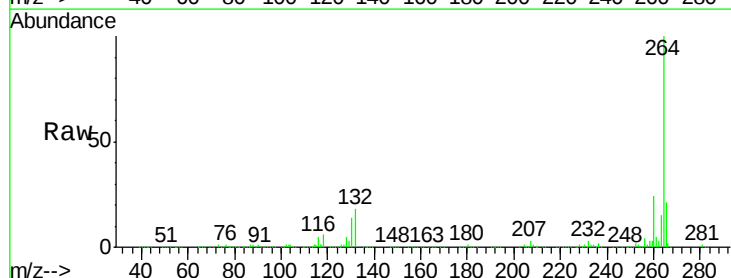
Ion	Ratio	Lower	Upper
276	100		
138	33.3	23.8	35.6
277	25.5	20.2	30.2

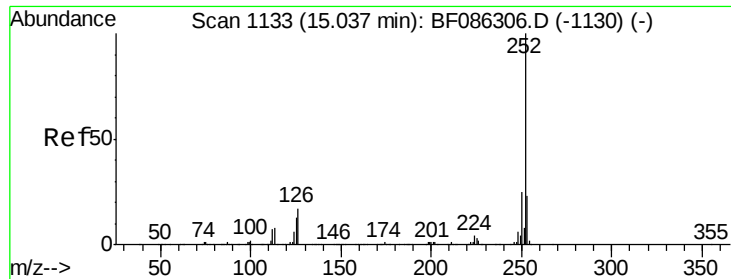


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.03 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Tgt Ion:264 Resp: 471890

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 72.51 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

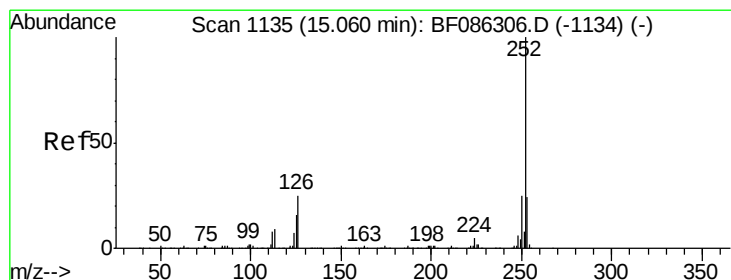
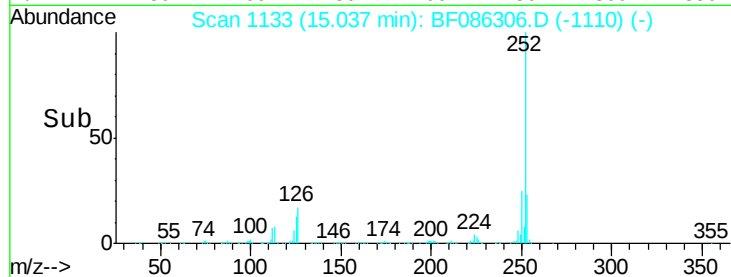
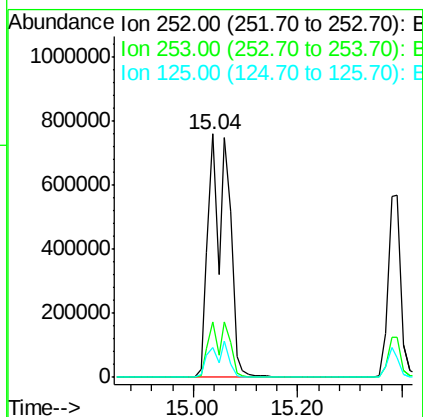
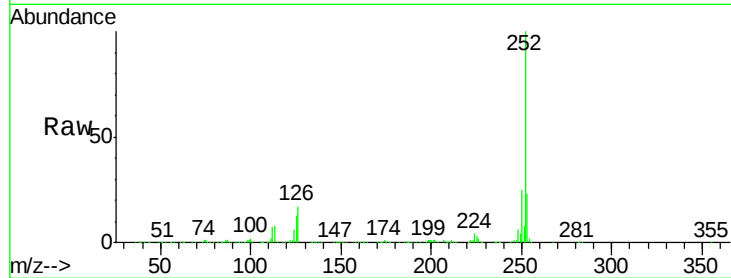
Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 1979075

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	12.5	10.3	15.5



#88

Benzo(k)fluoranthene

Concen: 86.24 ng

RT: 15.04 min Scan# 1133

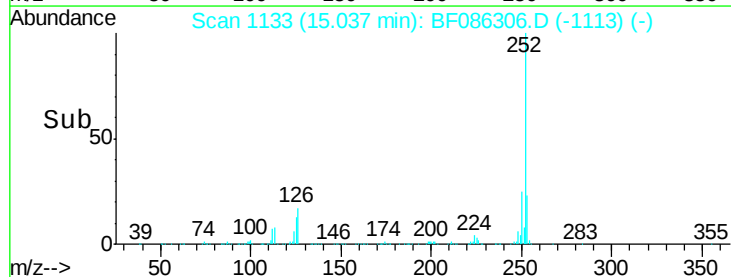
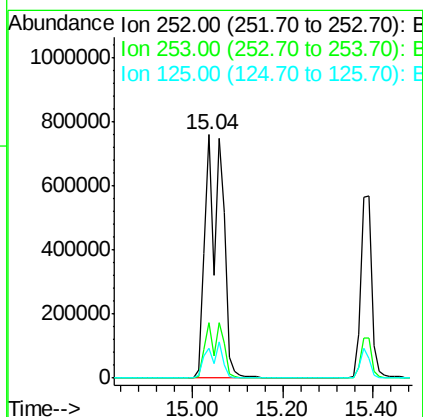
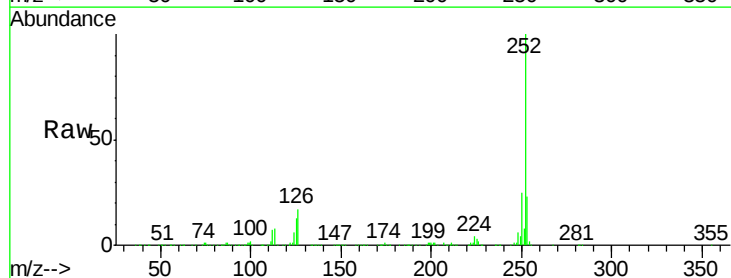
Delta R.T. -0.07 min

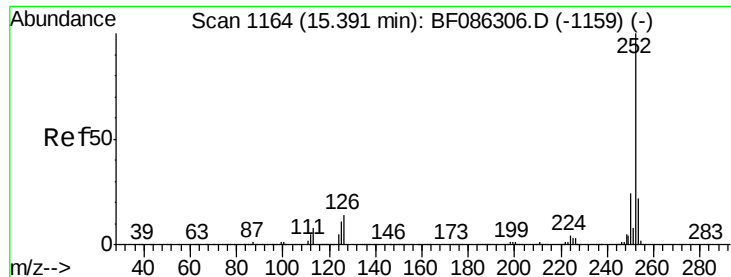
Lab File: BF086306.D

Acq: 20 Apr 2016 13:35

Tgt Ion:252 Resp: 1981526

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.5	7.8	11.6#

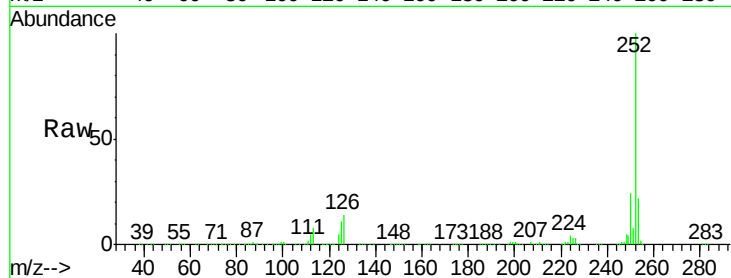




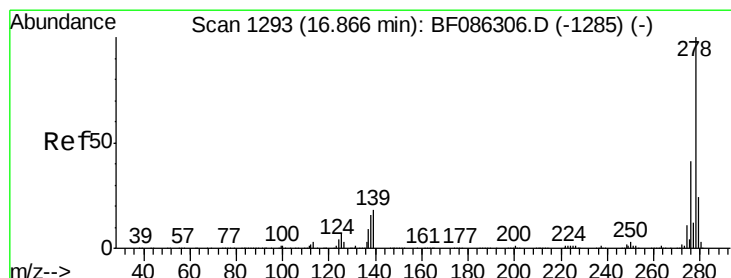
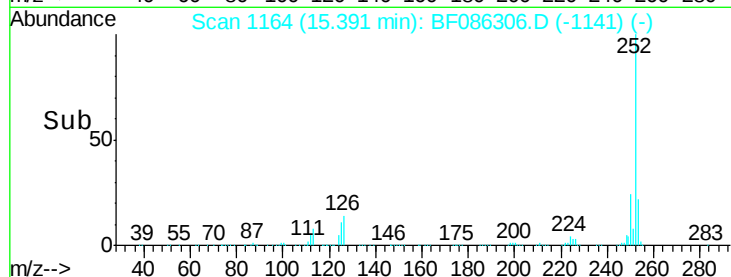
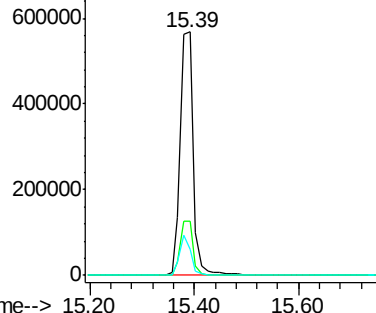
#89
Benzo(a)pyrene
Concen: 38.90 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 978550
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.9 11.2 16.8#

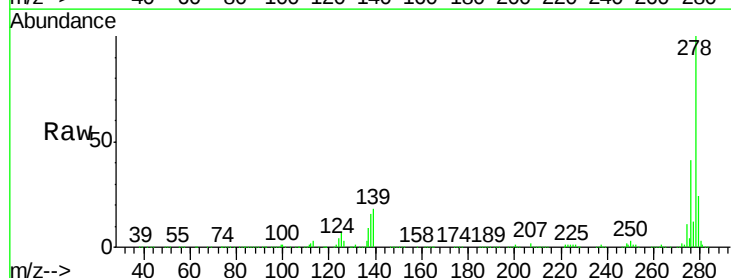


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

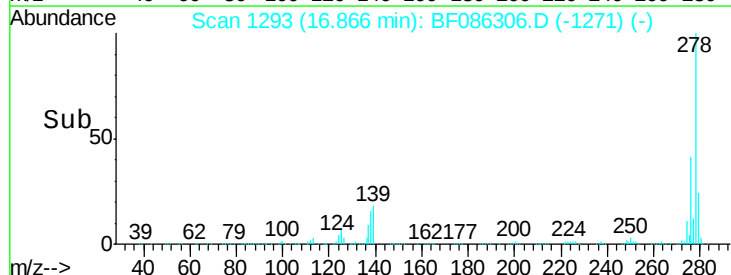
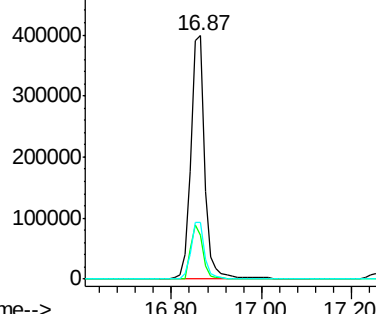


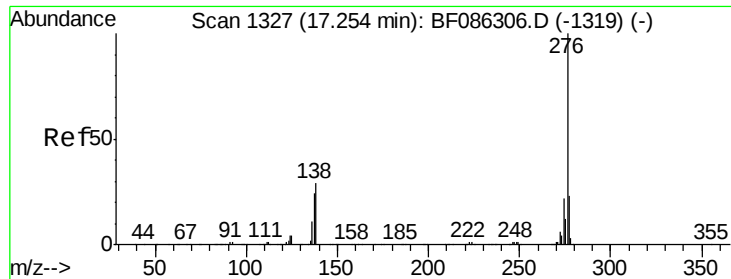
#90
Dibenzo(a,h)anthracene
Concen: 39.41 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF086306.D
Acq: 20 Apr 2016 13:35

Tgt Ion:278 Resp: 865360
Ion Ratio Lower Upper
278 100
139 17.9 15.3 22.9
279 23.5 19.1 28.7



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

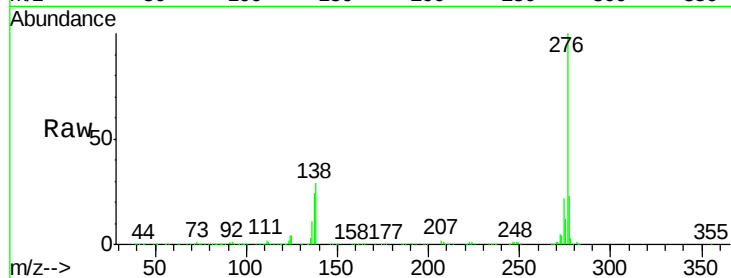




#91
 Benzo(a,h,i)perylene
 Concen: 39.55 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.07 min
 Lab File: BF086306.D
 Acq: 20 Apr 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.6
138	29.0	19.6	29.4



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

